INSTALLATION RESTORATION PROGRAM

PRELIMINARY ASSESSMENT/ SITE INSPECTION REPORT

VOLUME II APPENDICES A-D

104th AIR CONTROL SQUADRON
COOS HEAD AIR NATIONAL GUARD STATION
OREGON AIR NATIONAL GUARD
COOS BAY, OREGON

NOVEMBER 1995



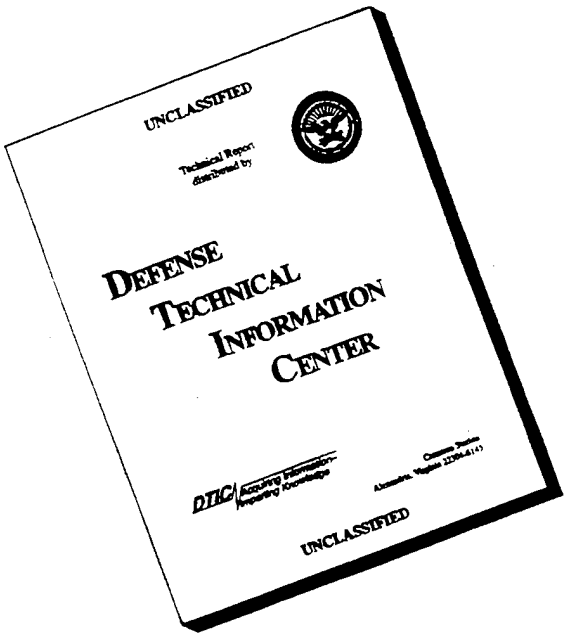
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1. AGENCY USE ONLY (Leave blank)	2. REPORT DATE	3. REPORT TYPE AND DATES COVERED
	NOV 1995	JAN 94 - FEB 95 INSTALLATION RESTORATION PROGRAM

4. TITLE AND SUBTITLE
INSTALLATION RESTORATION PROGRAM
PRELIMINARY ASSESSMENT/SITE INSPECTION REPORT
VOL II (APPENDICES A-D)

5. FUNDING NUMBERS

6. AUTHOR(S)
OPTECH INC.

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)
~~ANG~~ AIR NATIONAL GUARD / CIVIL ENGINEERING
ENVIRONMENTAL RESTORATION
3500 FETCHET AVE R-47
ANDREWS AFB, MD 20762-5157

8. PERFORMING ORGANIZATION REPORT NUMBER

9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)

10. SPONSORING/MONITORING AGENCY REPORT NUMBER

11. SUPPLEMENTARY NOTES

12a. DISTRIBUTION/AVAILABILITY STATEMENT

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12b. DISTRIBUTION CODE

13. ABSTRACT (Maximum 200 words)

The Preliminary Assessment involved interviewing Coos Head employees (current & former) to determine the extent of use and disposal of hazardous materials + waste. The Site Investigation involved field investigation of areas determined to be of concern due to use and disposal of hazardous materials/wastes. Two areas of concern will further be investigated (AOC C+K).

14. SUBJECT TERMS
IRP, Installation Restoration Program, Coos Head, ANG/CEVR

15. NUMBER OF PAGES
1500+

16. PRICE CODE

17. SECURITY CLASSIFICATION OF REPORT	18. SECURITY CLASSIFICATION OF THIS PAGE	19. SECURITY CLASSIFICATION OF ABSTRACT	20. LIMITATION OF ABSTRACT
UNCLASSIFIED			

INSTALLATION RESTORATION PROGRAM

PRELIMINARY ASSESSMENT/ SITE INSPECTION REPORT

VOLUME II APPENDICES A-D

104th AIR CONTROL SQUADRON
COOS HEAD AIR NATIONAL GUARD STATION
OREGON AIR NATIONAL GUARD
COOS BAY, OREGON

NOVEMBER 1995

Prepared For

HQ ANG/CEVR
ANDREWS AFB, MARYLAND

DTIC QUALITY INSPECTED 3

Prepared By

Operational Technologies Corporation
4100 N.W. Loop 410, Suite 230
San Antonio, Texas 78229-4253
(210) 731-0000

1315-135

APPENDIX A

SOIL VAPOR SURVEY RESULTS

TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST INC.

AIR NATIONAL GUARD PROJECT
Coos Bay, Oregon
Operational Technologies Corporation, Inc.

Specific Halogenated Hydrocarbons and BTEX (Mod. EPA 8010/8020); Total Petroleum Hydrocarbons in Soil Vapor

Sample-Number	MDL	Method Blank	OWD-01	OWD-02	OWD-03	OWD-04	OWD-05
Date		11/03/94	11/03/94	11/03/94	11/03/94	11/03/94	11/03/94
		ppmv	ppmv	ppmv	ppmv	ppmv	ppmv
1,1 Dichloroethene	0.01	nd	nd	nd	nd	nd	nd
1,2 Dichloroethene	0.01	nd	nd	nd	nd	nd	nd
Benzene	0.01	nd	nd	nd	nd	nd	nd
Trichloroethene	0.01	nd	nd	nd	nd	nd	nd
Toluene	0.01	nd	nd	nd	nd	nd	nd
Cis Dichloropropene	0.01	nd	nd	nd	nd	nd	nd
Trans Dichlorpropene	0.01	nd	nd	nd	nd	nd	nd
Tetrachloroethene	0.01	nd	nd	nd	nd	nd	nd
Chlorobenzene	0.01	nd	nd	nd	nd	nd	nd
Ethylbenzene	0.01	nd	nd	nd	nd	nd	nd
Total Xylenes	0.01	nd	nd	nd	nd	nd	nd
1,3 Dichlorobenzene	0.01	nd	nd	nd	nd	nd	nd
1,4 Dichlorobenzene	0.01	nd	nd	nd	nd	nd	nd
1,2 Dichlorobenzene	0.01	nd	nd	nd	nd	nd	nd
1,1 Dichloroethane	0.01	nd	nd	nd	nd	nd	nd
1,2 Dichloroethane	0.01	nd	nd	nd	nd	nd	nd
Chloroform	0.01	nd	nd	nd	nd	nd	nd
Carbon Tetrachloride	0.01	nd	nd	nd	nd	nd	nd
1,1,1 Trichloroethane	0.01	nd	nd	nd	nd	nd	0.85
1,1,2 Trichloroethane	0.01	nd	nd	nd	nd	nd	nd
Tetrachloroethane	0.01	nd	nd	nd	nd	nd	nd
TPH	1	nd	3	nd	9	3	2
Methane	1	5	17	1	68	18	15

"nd" Indicates Not Detected at the listed detection limit.

"int" Indicates that interference peaks prevent determination.

AIR NATIONAL GUARD PROJECT
Coos Bay, Oregon
Operational Technologies Corporation, Inc.

Specific Halogenated Hydrocarbons and BTEX (Mod. EPA 8010/8020); Total Petroleum Hydrocarbons in Soil Vapor

Sample-Number	MDL	OWD-05 Dup	OWD-06
Date		11/03/94	11/03/94
		ppmv	ppmv
1,1 Dichloroethene	0.01	nd	nd
1,2 Dichloroethene	0.01	nd	nd
Benzene	0.01	nd	nd
Trichloroethene	0.01	nd	nd
Toluene	0.01	nd	nd
Cis Dichloropropene	0.01	nd	nd
Trans Dichlorpropene	0.01	nd	nd
Tetrachloroethene	0.01	nd	nd
Chlorobenzene	0.01	nd	nd
Ethylbenzene	0.01	nd	nd
Total Xylenes	0.01	nd	nd
1,3 Dichlorobenzene	0.01	nd	nd
1,4 Dichlorobenzene	0.01	nd	nd
1,2 Dichlorobenzene	0.01	nd	nd
1,1 Dichloroethane	0.01	nd	nd
1,2 Dichloroethane	0.01	nd	nd
Chloroform	0.01	nd	nd
Carbon Tetrachloride	0.01	nd	nd
1,1,1 Trichloroethane	0.01	0.04	1.41
1,1,2 Trichloroethane	0.01	nd	nd
Tetrachloroethane	0.01	nd	nd
TPH	1	nd	4
Methane	1	8	60

"nd" Indicates Not Detected at the listed detection limit.

"int" Indicates that interference peaks prevent determination.

TRANSGLOBAL ENVIRONMENTAL GEOSCIENCES NORTHWEST, INC.

AIR NATIONAL GUARD PROJECT
Coos Bay, Oregon
Operational Technologies Corporation, Inc.

Total Volatile Hydrocarbon (EPA 8015) And BTEX (EPA 8020) Analyses for Soil Vapor

Sample Number	Date Analyzed	Benzene ppmv	Toluene ppmv	Eth Benz ppmv	Xylene ppmv	TVH ppmv	Methane ppmv
Meth. Blank	11/02/94	nd	nd	nd	nd	nd	3
Probe Blank	11/02/94	nd	nd	nd	nd	nd	3
FTA-01	11/02/94	nd	nd	nd	nd	nd	20
FTA-02	11/02/94	nd	nd	nd	nd	nd	11
FTA-03	11/02/94	nd	nd	nd	nd	nd	4
FTA-04	11/02/94	nd	nd	nd	nd	2	2
FTA-05	11/02/94	nd	nd	nd	nd	nd	60
FTA-05 Dup	11/02/94	nd	nd	nd	nd	nd	48
FTA-06	11/02/94	nd	nd	nd	nd	nd	602
FTA-07	11/02/94	nd	nd	nd	nd	2	37
FTA-08	11/02/94	nd	nd	nd	nd	1	36
FTA-09	11/02/94	nd	nd	nd	nd	1	8
FTA-10	11/02/94	nd	nd	nd	nd	nd	3
FTA-11	11/02/94	nd	nd	nd	nd	nd	1
FTA-12	11/02/94	nd	nd	nd	nd	1	6
FTA-13	11/02/94	nd	nd	nd	nd	2	23
FTA-13Dup	11/02/94	nd	nd	nd	nd	2	20
FTA-14	11/02/94	nd	nd	nd	nd	2	7
FTA-15	11/02/94	nd	nd	nd	nd	1	17
FTA-16	11/02/94	nd	nd	nd	nd	2	18
FTA-17	11/02/94	nd	nd	nd	nd	5	32
FTA-18	11/02/94	nd	nd	nd	nd	1	8
FTA-19	11/02/94	nd	nd	nd	nd	3	23
FTA-20	11/02/94	nd	nd	nd	nd	nd	2
FTA-20 Dup	11/02/94	nd	nd	nd	nd	nd	2
FTA-21	11/02/94	nd	nd	nd	nd	nd	2
FTA-22	11/02/94	nd	nd	nd	nd	1	5
FTA-23	11/02/94	nd	nd	nd	nd	9	42
FTA-24	11/02/94	nd	nd	nd	nd	6	34
FTA-24 Dup	11/02/94	nd	nd	nd	nd	6	24
FTA-25	11/02/94	nd	nd	nd	nd	nd	5
DETECTION LIMITS		0.01	0.01	0.01	0.01	1	1

"nd" Indicates NOT DETECTED at the Listed Detection Limits
"int" Indicates that INTERFERENCES prevent determination

AIR NATIONAL GUARD PROJECT
Coo's Bay, Oregon
Operational Technologies Corporation, Inc.

Total Volatile Hydrocarbon (EPA 8015) And BTEX (EPA 8020) Analyses for Soil Vapor

Sample Number	Date Analyzed	Benzene ppmv	Toluene ppmv	Eth Benz ppmv	Xylene ppmv	TVH ppmv	Methane ppmv
Probe Blank	11/03/94	nd	nd	nd	nd	nd	5
MSS-01	11/03/94	nd	nd	nd	nd	nd	3
MSS-02	11/03/94	nd	nd	nd	nd	nd	15
MSS-03	11/03/94	nd	nd	nd	nd	nd	3
MSS-04	11/03/94	nd	nd	nd	nd	nd	3
MSS-05	11/03/94	nd	nd	nd	nd	nd	4
MSS-06	11/03/94	nd	nd	nd	nd	nd	1
MSS-07	11/03/94	nd	nd	nd	nd	nd	2
MSS-07 Dup	11/03/94	nd	nd	nd	nd	nd	2
MSS-08	11/03/94	nd	nd	nd	nd	nd	1
MSS-09	11/03/94	nd	nd	nd	nd	nd	1
MSS-10	11/03/94	nd	nd	nd	nd	nd	4
MSS-11	11/03/94	nd	nd	nd	nd	7	57
MSS-11 Dup	11/03/94	nd	nd	nd	nd	7	52
MSS-12	11/03/94	nd	nd	nd	nd	4	21
MSS-13	11/03/94	nd	nd	nd	nd	2	2
MSS-14	11/03/94	nd	nd	nd	nd	nd	2
MSS-15	11/03/94	nd	nd	nd	nd	5	34
DETECTION LIMITS		0.01	0.01	0.01	0.01	1	1

"nd" Indicates NOT DETECTED at the Listed Detection Limits
"int" Indicates that INTERFERENCES prevent determination

teg TRANSBAL ENVIRONMENTAL GEOCHEMISTRY, INC.

CHAIN-OF-CUSTODY RECORD

CLIENT: Oplech

ADDRESS:

PHONE: FAX:

CLIENT PROJECT #: PROJECT MANAGER: M. McGuire

DATE: 11/94 PAGE 1 OF

TEG PROJECT #: N.944102.1

LOCATION: Coos Bay AOC Fire Training

COLLECTOR: S. Chalk DATE OF COLLECTION: 11-2-94

Sample Number	Depth	Time	Sample Type	Container Type	VOA 601/8010	VOA 602/8020	VOA 624/8240	Semi Vol 625/8270	TPH 418.1	TPH 8015 (gasoline)	TPH 8015 (diesel)	TPH 8015 (g & d)	PNA 610/8100	PEST/PCBs 8080	HEX CHROME	ORGANIC LEAD	TOTAL LEAD	pH	ASBESTOS	FIELD NOTES	Total Number Of Containers	Laboratory Note Number
FTA 01	5'	0920	Vapor	20cc Syringe	X				X												1	
FTA-02	5'	0935	"	"	X				X												1	
FTA 03	5'	1005	"	"	X				X												1	
FTA 04	5'	1023	"	"	X				X												1	
FTA-05	5'	1033	"	"	X				X												1	
FTA-06	2'	1058	"	"	X				X												1	
FTA 04	5'	1115	"	"	X				X												1	
FTA 08	5'	1135	"	"	X				X												1	
FTA-09	5'	1147	"	"	X				X												1	
FTA-10	5'	1202	"	"	X				X												1	
FTA-11	5'	1240	"	"	X				X												1	
FTA-12	5'	1300	"	"	X				X												2	
FTA-13	5'	1312	"	"	X				X												2	
FTA-14	5'	1344	"	"	X				X												1	
FTA-15	2'	1402	"	"	X				X												1	
FTA-16	5'	1415	"	"	X				X												1	
FTA-17	2.5'	1437	"	"	X				X												1	
FTA 18	2.0'	1458	"	"	X				X												1	

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SAMPLE DISPOSAL INSTRUCTIONS

☐ TEG DISPOSAL @ $2.00 each ☐ Return ☐ Pickup

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:

TRANSGLOBAL ENVIRONMENTAL GEOCHEMISTRY, INC.

CHAIN-OF-CUSTODY RECORD

CLIENT: Opl ell

ADDRESS:

PHONE: FAX:

CLIENT PROJECT #: PROJECT MANAGER: M. McGiles

DATE: 11.2.94 PAGE 2 OF 2

TEG PROJECT #: NW94 1102 1

LOCATION: Coos Bay AQF Fire training

COLLECTOR: S Chilcutt DATE OF COLLECTION: 11-3-94

Sample Number	Depth	Time	Sample Type	Container Type	VOA 601/8010	VOA 602/8020	VOA 624/8240	Semi Vol 625/8270	TPH 418.1	TPH 8015 (gasoline)	TPH 8015 (diesel)	PNA 610/8100	PEST/PCBs 8080	HEX CHROME	ORGANIC LEAD	TOTAL LEAD	pH	ASBESTOS	FIELD NOTES	Total Number Of Containers	Laboratory Note Number
FTA 19	5'	1513	Vapor	20cc Syringe	X				X											1	
FTA-20	5'	1528	"	"	X				X											2	
FTA-21	5.4'	1552	"	"	X				X											1	
FTA-22	5'	1608	"	"	X				X											1	
FTA-23	5'	1620	"	"	X				X											1	
FTA-24	2.5'	1635	"	"	X				X											1	
FTA-25	3'	1648	"	"	X				X											2	

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SAMPLE DISPOSAL INSTRUCTIONS

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SAMPLE RECEIPT

TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:

TRAN[redacted]BAL ENVIRONMENTAL GEOCHEMISTRY, INC.

CHAIN-OF-CUSTODY RECORD

CLIENT: Optech

ADDRESS:

PHONE: FAX:

CLIENT PROJECT #: PROJECT MANAGER: Mike Giles

DATE: 11-3-94 PAGE 1 OF

TEG PROJECT #: ADL941102-1

LOCATION: Coos Bay OR

COLLECTOR: S Chatt DATE OF COLLECTION: 11-3-94

Sample Number	Depth	Time	Sample Type	Container Type	VOA 601/8010	VOA 602/8020	VOA 624/8240	Semi Vol 625/8270	TPH 418.1	TPH 8015 (gasoline)	TPH 8015 (diesel)	TPH 8015 (g & d)	PNA 610/8100	PEST/PCBs 8080	HEX CHROME	ORGANIC LEAD	TOTAL LEAD	pH	ASBESTOS	FIELD NOTES	Total Number Of Containers	Laboratory Note Number
MSS-03	5'	0910	vapor	20cc syringe		X			X												1	
MSS-01	2'	0925	"	"		X			X												1	
MSS-02	2'	0937	"	"		X			X												1	
MSS-04	5'	1010	"	"		X			X												1	
MSS-05	5'	1020	"	"		X			X												1	
MSS-06	5'	1034	"	"		X			X												1	
MSS-07	5'	1044	"	"		X			X												2	
MSS-08	5'	1120	"	"		X			X												1	
MSS-09	5'	1140	"	"		X			X												1	
MSS-10	5'	1200	"	"		X			X												1	
MSS-11	5'	1219	"	"		X			X												2	
MSS-12	5'	1245	"	"		X			X												1	
MSS-13	5'	1259	"	"		X			X												1	
MSS-14	5'	1315	"	"		X			X												1	
MSS-15	5'	1350	"	"		X			X												1	
OWD-1	25'	1450	"	"	X	X			X												1	
OWD-2	5'	1510	"	"	X	X			X												1	
OWD-3	2'	1535	"	"	X	X			X												1	

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SAMPLE DISPOSAL INSTRUCTIONS

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SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:

TRANSGLOBAL ENVIRONMENTAL GEOCHEMISTRY, INC.

CHAIN-OF-CUSTODY RECORD

CLIENT: Uplech

ADDRESS:

PHONE: FAX:

CLIENT PROJECT #: PROJECT MANAGER: M. K. Gales

DATE: 11-3-94 PAGE 2 OF 2

TEG PROJECT #: NW941102.1

LOCATION: Cook Bay

COLLECTOR: S. Chilton DATE OF COLLECTION: 11-3-94

Sample Number	Depth	Time	Sample Type	Container Type	VOA 601/8010	VOA 602/8020	VOA 624/8240	Semi Vol 625/8270	TPH 418.1	TPH 8015 (gasoline)	TPH 8015 (diesel)	TPH 8015 (g & d)	PNA 610/8100	PEST/PCBs 8080	HEX CHROME	ORGANIC LEAD	TOTAL LEAD	pH	ASBESTOS	FIELD NOTES	Total Number Of Containers	Laboratory Note Number
OWD-4	5'	1600	Vapor	20cc Syringe	X	X			X												1	
OWD-5	5'	1615	"	"	X	X			X												2	
OWD-6	5'	1650	"	"	X	X			X												1	

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SAMPLE DISPOSAL INSTRUCTIONS

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SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:

teg TRANSGLOBAL ENVIRONMENTAL GEOCHEMISTRY, INC.

CHAIN-OF-CUSTODY RECORD

CLIENT: Oplech

ADDRESS:

PHONE: FAX:

CLIENT PROJECT #: PROJECT MANAGER: Mike Gilas

DATE: 11-4-94 PAGE 1 OF 1

TEG PROJECT #: 940402.1

LOCATION: Coos Bay

COLLECTOR: Schlenk DATE OF COLLECTION: 11-4-94

Sample Number	Depth	Time	Sample Type	Container Type	VOA 601/8010	VOA 602/8020	VOA 624/8240	Semi Vol 625/8270	TPH 418.1	TPH 8015 (gasoline)	TPH 8015 (diesel)	TPH 8015 (g & d)	PNA 610/8100	PEST/PCBs 8080	HEX CHROME	ORGANIC LEAD	TOTAL LEAD	pH	ASBESTOS	FIELD NOTES	Total Number Of Containers	Laboratory Note Number
OWD-7	5'	0840	vapor	20cc Syringe	X	X			X												1	
OWD-8	5'	0850	"	"	X	X			X												2	
OWD-9	4'	0950	"	"	X	X			X												1	
OWD-12	5'	0955	"	"	X	X			X												1	
OWD-11	4'	1055	"	"	X	X			X												1	
OWD-10	5'	1110	"	"	X	X			X												1	
OWD-13	5'	1140	"	"	X	X			X												1	
OWD-14	3.5'	1200	"	"	X	X			X												2	
OWD-15	4'	1230	"	"	X	X			X												1	

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature) DATE/TIME

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature) DATE/TIME

SAMPLE DISPOSAL INSTRUCTIONS

☐ TEG DISPOSAL @ $2.00 each ☐ Return ☐ Pickup

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	11
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	4
NOTES:	

LABORATORY NOTES:

QA/QC FOR ANALYTICAL METHODS

GENERAL

The TEG Northwest Mobile Laboratory quality assurance and quality control (QA/QC) procedures are conducted following the guidelines and objectives which meet or exceed certification/accreditation requirements of California DOHS, Washington DOE, and Oregon DEQ. The Quality Control Program is a consistent set of procedures which assures data quality through the use of appropriate blanks, replicate analyses, surrogate spikes, and matrix spikes, and with the use of reference standards that meet or exceed EPA standards.

When analyses are taking place on-site with the mobile lab, the need for Field Blanks or Travel/Trip Blanks is eliminated. If there is going to be a delay before sample preparation for analysis, the sample is stored at 4° C.

ANALYTICAL METHODS

TEG Northwest Mobile Labs use analytical methodologies which are in conformity with U. S. Environmental Protection Agency (EPA), Washington DOE, and Oregon DEQ methodologies. When necessary and appropriate due to the nature or composition of the sample, TEG may use variations of the methods which are consistent with recognized standards or variations used by the industry and government laboratories.

Purgeable Volatile Halocarbons
(Chlorinated Hydrocarbons, EPA 601/8010,8021)

A blank and a calibration standard are run at the beginning of the day. The standard must be within 15% of the continuing calibration curve value. The standard is rerun at the end of the day if more than 10 samples have been run. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135%. At least 1 method blank is run per day.

Purgeable Volatile Aromatics
(BTEX, EPA 602/8020)

A blank and a calibration standard are run at the beginning of the day. The standard must be within 15% of the continuing calibration curve value. The standard is rerun at the end of the day if more than 10 samples have been run. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135%. At least 1 method blank is run per day.

TPH-Gasoline, TPH-Diesel
(Gasoline and/or Diesel, Modified EPA 8015, WTPH-G/WTPH-D)

A blank and a calibration standard are run at the beginning of the day. The standard must be within 15% of the continuing calibration curve value. The standard is rerun at the end of the day. All samples are prepared with a surrogate spike, and the recovery must be between 65% and 135%. A duplicate sample is run at a rate of 1 per 10 samples (or a matrix spike sample is prepared and analyzed). At least 1 method blank is run per 10 samples analyzed.

APPENDIX B

BORING LOGS

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING OWD-01BH

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	20.0 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	NA
Driller:	Rodney La Bross	**Date Measured:**	NA
Date Drilled:	11/10/94	**Surface Elevation:**	110.03 ft.
Drilling Method:	Hollow-Stem Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	2	100			Sand, very clayey, black, semi-firm, moist.	0	0	0	0
	12				Sand, fine-grained to medium-grained, moderately sorted, brown with red iron oxidation, slightly moist.				
	24								
5	12	100				0	0	0	0
	25								
	43								
	25	100				0	0	0	0
	50								
10									
	20	90			Sand, very clayey, poorly sorted, semi-firm, black to brown, very moist.	0	0	0	0
	25								
15	50								
	16	100			Sand, medium-grained, well sorted, loose, brown, saturated.	0	0	0	0
	28								
20	33				Boring Terminated at 20.0 ft.				

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING OWD-02BH

Project No.:	**1315-135**	**Sampling Method:**	**Split-Spoon**
Logged By:	**Michael A. Giles**	**Depth Drilled:**	**20.0 ft.**
Drilling Co.:	**Cascade Drilling**	**Depth To Water:**	**NA**
Driller:	**Rodney La Bross**	**Date Measured:**	**NA**
Date Drilled:	**11/10/94**	**Surface Elevation:**	**108.95 ft.**
Drilling Method:	**Hollow-Stem Auger**		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
					Sand, very clayey, black, firm, moist.				
	7	100							
	15				Sand, fine-grained to medium-grained, moderately sorted, loose, brown, moist.	0	2.7	0	0
	20								
5	16	100				0	1.8	0	0
	22								
	28								
	16	40				0.7	2.0	0	0
	21								
10	26								
	14					0.7	0	5	0
	28								
15	33								
	15				- saturated at 18.5 ft.	0	0	0	0
	22								
20	25								
					Boring Terminated at 20.0 ft.				

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING OWD-03BH

Project No.:	**1315-135**	**Sampling Method:**	**Split-Spoon**
Logged By:	**Michael A. Giles**	**Depth Drilled:**	**20.0 ft.**
Drilling Co.:	**Cascade Drilling**	**Depth To Water:**	**NA**
Driller:	**Rodney La Bross**	**Date Measured:**	**NA**
Date Drilled:	**11/10/94**	**Surface Elevation:**	**109.30 ft.**
Drilling Method:	**Hollow-Stem Auger**		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
					Sand, clayey, semi-firm, poorly sorted, black, moist.				
	10	100			Clay, black, firm, slightly moist.	0	1.0	0	0
	10				Sand, loose, fine-grained to medium-grained, poorly sorted, brown, occaisional red iron oxidation, moist.				
	12								
5	18	100				0	0	0	0
	20								
	25								
	23	100				0.3	1.0	0	0
10	50								
	28	100				0	1.8	24	24
15	50								
					- saturated at 18.0 ft.				
	10	90				0	1.0	1	1
	23								
20	27								
					Boring Terminated at 20.0 ft.				

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING MSS-01BH

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	10.0 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	NA
Driller:	Rodney La Bross	**Date Measured:**	NA
Date Drilled:	11/10/94	**Surface Elevation:**	104.92 ft.
Drilling Method:	Hollow-Stem Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
					Clay, firm, black, semi-black, moist, roots.				
	9 12 18	100			Sand, trace of clay, loose, brown to dark brown, moist.	0	0	0	0
5	2 7 7	100				1.2	0	0	0
	17 22 29	100			- saturated at 8.5 ft.	0	1.2	0	0
10					Boring Terminated at 10.0 ft.				
15									
20									

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

O P T E C H

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING MSS-02BH

Project No.:	**1315-135**	**Sampling Method:**	**Split-Spoon**
Logged By:	**Michael A. Giles**	**Depth Drilled:**	**15.0 ft.**
Drilling Co.:	**Cascade Drilling**	**Depth To Water:**	**NA**
Driller:	**Rodney La Bross**	**Date Measured:**	**NA**
Date Drilled:	**11/10/94**	**Surface Elevation:**	**100.90 ft.**
Drilling Method:	**Hollow-Stem Auger**		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	12 15 23	100			Sand, very clayey, firm, black, moist. Sand, slightly to very clayey, loose, brown, moist.	0	0	0	0
5	16 18 20	100			- organic clay, very wet.	0	0	0	0
	18 20	100			- saturated.	0	15.8	852	103
10	24								
	27 31	100			Sand, fine-grained to medium-grained, moderately sorted, loose, brown to dark brown, saturated.	0	18.9	511	18
15	50				Boring Terminated at 15.0 ft.				
20									

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING MSS-03BH

Project No.:	**1315-135**	**Sampling Method:**	**Split-Spoon**
Logged By:	**Michael A. Giles**	**Depth Drilled:**	**9.5 ft.**
Drilling Co.:	**Cascade Drilling**	**Depth To Water:**	**NA**
Driller:	**Rodney La Bross**	**Date Measured:**	**NA**
Date Drilled:	**11/10/94**	**Surface Elevation:**	**102.06 ft.**
Drilling Method:	**Hollow-Stem Auger**		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
					Asphalt.				
	7	100			Fill, gravel, clay.				
	12				Sand, slightly clayey, brown, loose, moist.	0	0	0	0
	15								
5	24	90			Sand, loose, brown, wet, fine-grained to medium-grained, moderately sorted, very moist.	0	0	0	0
	50								
	29	100			- saturated at 8.5 ft.	0	0	7	0
	50								
10					Boring Terminated at 9.5 ft.				
15									
20									

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING MSS-04BH

Project No.:	**1315-135**	**Sampling Method:**	**Hand Auger**
Logged By:	**Michael A. Giles**	**Depth Drilled:**	**9.5 ft.**
Drilling Co.:	**Operational Technologies Corporation**	**Depth To Water:**	**NA**
Driller:	**Joe Byrd, Jr.**	**Date Measured:**	**NA**
Date Drilled:	**11/16/94**	**Surface Elevation:**	**114.5 ft.**
Drilling Method:	**Hand Auger**		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	- - -	100			Sand, slightly clayey, brown, very moist.	0	0	0	0
5	- - -	100			Sand, loose, fine-grained to medium-grained, moderately sorted, brown, very moist.	0	0	0	0
10	- - -	100			Refusal at 9.5 ft.	0	0	0	0
15									
20									

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

O P T E C H

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING TS-001BH

Project No.:	**1315-135**	**Sampling Method:**	**Split-Spoon**
Logged By:	**Michael A. Giles**	**Depth Drilled:**	**15.0 ft.**
Drilling Co.:	**Cascade Drilling**	**Depth To Water:**	**NA**
Driller:	**Rodney La Bross**	**Date Measured:**	**NA**
Date Drilled:	**11/10/94**	**Surface Elevation:**	**102.92 ft.**
Drilling Method:	**Hollow-Stem Auger**		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	10 12 15	100			Sand, fine-grained to medium-grained, moderately sorted, loose, brown, moist.	0	0	0	0
5	18 20 21	100				0	0	0	0
	20 27 30	100			Sand, clayey, soft, organic, dark brown to brown, moist.	0	0	0	0
10									
	12 13 16	100				0	0	0	0
15					Boring Terminated at 15.0 ft.				
20									

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

O P T E C H

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING TS-002BH

Project No.:	1315-135	**Sampling Method:**	Hand Auger
Logged By:	Michael A. Giles	**Depth Drilled:**	9.0 ft.
Drilling Co.:	Operational Technologies Corporation	**Depth To Water:**	NA
Driller:	Joe Byrd, Jr.	**Date Measured:**	NA
Date Drilled:	11/16/94	**Surface Elevation:**	100.75 ft.
Drilling Method:	Hand Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	- - -	100			Sand, loose, fine-grained to medium-grained, moderately sorted, brown, moist.	0	0	1	0
5	- - -	100				0	0	0	0
	- - -	100				0	0	5	1
10					Refusal at 9.0 ft.				
15									
20									

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING TS-003BH

Project No.:	1315-135	**Sampling Method:**	Hand Auger
Logged By:	Michael A. Giles	**Depth Drilled:**	9.0 ft.
Drilling Co.:	Operationla Technologies Corporation	**Depth To Water:**	NA
Driller:	Joe Byrd, Jr.	**Date Measured:**	NA
Date Drilled:	11/16/94	**Surface Elevation:**	101.43 ft.
Drilling Method:	Hand Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING			
						PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	-	100			Sand, fine-grained to medium-grained, moderately sorted, loose, brown to dark brown, moist.	0	0	0	0
5	-	100				0	0	0	0
	-	100				0	0	0	0
10					Saturated at 9.0 ft.				
15									
20									

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING SDB-01BH

Project No.:	**1315-135**	**Sampling Method:**	**Split-Spoon**
Logged By:	**Michael A. Giles**	**Depth Drilled:**	**6.0 ft.**
Drilling Co.:	**Cascade Drilling**	**Depth To Water:**	**NA**
Driller:	**Rodney La Bross**	**Date Measured:**	**NA**
Date Drilled:	**11/11/94**	**Surface Elevation:**	**102.00 ft.**
Drilling Method:	**Hollow-Stem Auger**		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	6 4 4	100			Fill, clay, sand, gravel, brown, slightly moist.	0	0	0	0
5	1 1 2	100				0	0	0	0
					Bottom of pit, concrete. Boring Terminated at 6.0 ft.				
10									
15									
20									

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING SDB-02BH

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	10.0 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	NA
Driller:	Rodney La Bross	**Date Measured:**	NA
Date Drilled:	11/11/94	**Surface Elevation:**	101.23 ft.
Drilling Method:	Hollow-Stem Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	2 3 6	100			Fill, sand, gravel, some clay, loose, dark brown, slightly moist.	0	0	0	0
5	2 2 2	75				0	0	0	0
	36 49 50	75				0	0	0	0
10					Concrete bottom. Boring Terminated at 10.0 ft.				
15									
20									

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING SDB-03BH

Project No.:	**1315-135**	**Sampling Method:**	**Split-Spoon**
Logged By:	**Michael A. Giles**	**Depth Drilled:**	**20.0 ft.**
Drilling Co.:	**Cascade Drilling**	**Depth To Water:**	**NA**
Driller:	**Rodney La Bross**	**Date Measured:**	**NA**
Date Drilled:	**11/11/94**	**Surface Elevation:**	**101.45 ft.**
Drilling Method:	**Hollow-Stem Auger**		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	4 4 15	100			Sand, clayey, fine-grained, poorly sorted, brown, loose, slightly moist.	0	0	0	0
5	13 29 34	100			Sand, fine-grained to medium-grained, moderately sorted, loose, dark brown to brown, moist to very moist.	0	0	0	0
	10 12 24	100				0	0	0	0
10									
	8 10 26	100				0	0	0	0
15									
	15 31 50	100			- 18.5 to 20.0 ft. dark green.	0	0.5	0	0
20					Boring Terminated at 20.0 ft.				

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING BAA-01BH

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	19.5 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	NA
Driller:	Rodney La Bross	**Date Measured:**	NA
Date Drilled:	11/08/94	**Surface Elevation:**	129.54 ft.
Drilling Method:	Hollow-Stem Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	10 26 30	100			Sand, fine-grained, loose, gray to brown, dry.	0	0.5	0	0
5	13 13 17	100			Sand, fine-grained, loose, brown, red staining, wet.	0	3	0	0
10	6 2 13	100			- black material at 10.5 ft.	0	0	2	0
15	30 30 35	100				0	0	2	0
	45 50	100				0	0	2	0
20					Boring Terminated at 19.5 ft.				

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING BAA-02BH

Project No.:	**1315-135**	**Sampling Method:**	**Split-Spoon**
Logged By:	**Michael A. Giles**	**Depth Drilled:**	**19.5 ft.**
Drilling Co.:	**Cascade Drilling**	**Depth To Water:**	**NA**
Driller:	**Rodney La Bross**	**Date Measured:**	**NA**
Date Drilled:	**11/08/94**	**Surface Elevation:**	**131.64 ft.**
Drilling Method:	**Hollow-Stem Auger**		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	2 4 5	100			Sand, clayey, brown to dark brown, moist, soft.	0	0	1	0
5	10 30 32	100			Sand, fine-grained, loose, slightly moist, brown, red iron staining.	0	0	1	0
	25 50	100				0	0	2	0
10									
	35 50	100				0	0	1	0
15									
	18 50	100				0	0	1	0
20					Boring Terminated at 19.5 ft.				

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

O P T E C H

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING BAA-03BH

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	19.5 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	NA
Driller:	Rodney La Bross	**Date Measured:**	NA
Date Drilled:	11/08/94	**Surface Elevation:**	129.33 ft.
Drilling Method:	Hollow-Stem Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	4 10 13	100			Sand, fine-grained to medium-grained, loose, moderately sorted, brown, reddish iron oxidation.	0	0	1	0
5	19 22 28	100			- very moist 4.5 to 6.0 ft.	0	0	2	0
	32 50	100				0	0	18	15
10									
	18 32	100				0	0	1	0
15	50								
	32 50					0	0	1	0
20					Boring Terminated at 19.5 ft.				

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

O P T E C H

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING A48-01BH

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	39.5 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	NA
Driller:	Rodney La Bross	**Date Measured:**	NA
Date Drilled:	11/08/94	**Surface Elevation:**	151.74 ft.
Drilling Method:	Hollow-Stem Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
					Sand, slightly clayey, brown, loose to semi-firm, slightly moist, occaisional wood fragments.				
5	2 3 4	100				0	0	1	0
10	12 14 17	100				0	1	2	0
15	15 20 22	100				0	13	4	0
20	21 50	90			Sand, medium-grained, well sorted, loose, brown, occaisional red iron oxidation.	0	0	2	0
25	31 50	100				0	0	1	0
30	20 50	100				0.5	2	1	0
35	43 50	90				4	1.5	4	0
40	41 50	100				0	0	3	0
					Boring Terminated at 39.5 ft.				
45									

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING A48-02BH

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	39.5 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	NA
Driller:	Rodney La Bross	**Date Measured:**	NA
Date Drilled:	11/09/94	**Surface Elevation:**	152.46 ft.
Drilling Method:	Hollow-Stem Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
5	5 8 13	100			Sand, slightly clayey, loose, brown to dark brown, slightly moist, occaisional piece of wood or plant.	0	0	0	0
10	4 6 7	100				0	0	1	0
15	17 20 22	100				6	0	1	0
20	17 30 35	100			Sand, medium-grained to fine-grained, moderately sorted, loose, slightly moist, brown, red iron oxidation.	3.8	2.0	1	0
25	11 35 41	100				0	0	1	0
30	31 50	100				0	0	1	0
35	31 50	100				0	0	1	0
40	37 50	100				0	0	0	0
45					Boring Terminated at 39.5 ft.				

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING A48-03BH

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	39.5 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	NA
Driller:	Rodney La Bross	**Date Measured:**	NA
Date Drilled:	11/09/94	**Surface Elevation:**	151.57 ft.
Drilling Method:	Hollow-Stem Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
					Sand, slightly clayey, loose to semi soft, brown to dark brown, slightly moist.				
5	11 15 17	100				0	0	0	0
10	11 23 35	100				0	0	1	0
15	16 7 9	100				0	0	0	0
20	13 21 24	100			Sand, medium-grained to fine-grained, moderately sorted, loose, brown to dark brown, occaisional red iron oxidation. - 18.5 to 28.5 ft. very moist.	2	1.5	1	0
25	27 50	70				0	0	0	0
30	17 29 50	100			- 28.5 to 39.5 ft. moist.	0	0	0	0
35	31 50	100				0	0	1	0
40	39 50	100				0	0	0	0
					Boring Terminated at 39.5 ft.				
45									

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING A40-01BH

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	19.5 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	NA
Driller:	Rodney La Bross	**Date Measured:**	NA
Date Drilled:	11/08/94	**Surface Elevation:**	122.49 ft.
Drilling Method:	Hollow-Stem Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	13 43 50	100			Sand, slightly clayey, fine-grained, poorly sorted, brown to gray with reddish iron oxide, moist, loose to fragile.	0	0	4	0
5	13 17 12	100			Sand, fine-grained to medium-grained, moderately sorted, brown, moist, loose, reddish brown, red iron oxide.	0	2.9	7	0
	25 50	100				0	3	10	0
10									
15	18 36 50	100				0	0	16	0
	32 50	80				0	6	2	0
20					Boring Terminated at 19.5 ft.				

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING A40-02BH

Project No.:	1315-135	Sampling Method:	Hand Auger
Logged By:	Michael A. Giles	Depth Drilled:	10.5 ft.
Drilling Co.:	Operational Technologies Corporation	Depth To Water:	NA
Driller:	Joe Byrd, Jr.	Date Measured:	NA
Date Drilled:	11/16/94	Surface Elevation:	122.02 ft.
Drilling Method:	Hand Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	-	100			Sand, fine-grained to medium-grained, moderately sorted, loose, brown to light brown, occaisional red iron oxide, moist.	0	0	0	0
	-	100				0	0	0	0
5	-								
	-	100				0	0	6	0
10	-				Refusal at 10.5 ft.				
15									
20									

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING A40-03BH

Project No.:	1315-135	**Sampling Method:**	Hand Auger
Logged By:	Michael A. Giles	**Depth Drilled:**	8.0 ft.
Drilling Co.:	Operational Technologies Corporation	**Depth To Water:**	NA
Driller:	Joe Byrd, Jr.	**Date Measured:**	NA
Date Drilled:	11/16/94	**Surface Elevation:**	119.98 ft.
Drilling Method:	Hand Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	-	100			Sandy, fine-grained to medium-grained, moderately sorted, light brown to brown, moist.	0	0	5	1
	-	100				0	0	0	0
5	-	100				0	0	0	0
	-				Refusal at 8.0 ft.				
10									
15									
20									

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING A24-01BH

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	20.0 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	NA
Driller:	Rodney La Bross	**Date Measured:**	NA
Date Drilled:	11/11/94	**Surface Elevation:**	97.86 ft.
Drilling Method:	Hollow-Stem Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	4 4 9	100			Sand, clayey, poorly sorted, fine-grained, brown to dark brown, moist.	0	0	0	0
5	8 13 13	100			Sand, fine-grained to medium-grained, moderately sorted, loose, occaisional partial cemented, brown to dark brown, red iron oxidation, moist.	0	0	0	0
10	4 2 2	90				0	0	0	0
15	16 20 24	100				0	0	0	0
20	4 13 35	100			Sand, clayey, poorly sorted, fine-grained, dark brown, moist.	0	0	0	0
					Boring Terminated at 20.0 ft.				

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING A24-02BH

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	19.5 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	NA
Driller:	Rodney La Bross	**Date Measured:**	NA
Date Drilled:	11/11/94	**Surface Elevation:**	97.53 ft.
Drilling Method:	Hollow-Stem Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
					Sand, clayey, semi-firm, dark brown, moist.				
	16 16 16	100			Sand, loose, fine-grained to medium-grained, moderately sorted, dark brown to brown, red iron oxidation, moist to very moist.	0	0	0	0
5	7 13 13	100				0	0	0	0
10	16 17 21	100				0	0	3	0
15	17 31 43	90				0	0	0	0
20	17 50	100			Sand, fine-grained, loose, moist, dark green. Boring Terminated at 19.5 ft.	0	0	0	0

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING A24-03BH

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	20.0 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	NA
Driller:	Rodney La Bross	**Date Measured:**	NA
Date Drilled:	11/11/94	**Surface Elevation:**	96.71 ft.
Drilling Method:	Hollow-Stem Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	6 6 6	100			Sand, clayey, fine-grained, poorly sorted, loose to semi-firm, brown, slightly moist.	0	0	2	0
5	7 9 13	100			Clay, firm, blocky, dark brown.	0	0	0	0
	7 15	100			Sand, fine-grained, poorly sorted, loose, occaisional partially cemented, brown with occaisional red iron oxidation.	0	0	0	0
10	13								
	16 16	100				0	0	0	0
15	17								
	10 19	70				0	0	0	0
20	20				Boring Terminated at 20.0 ft.				

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING SF-001BH

Project No.:	1315-135	**Sampling Method:**	Hand Auger
Logged By:	Michael A. Giles	**Depth Drilled:**	5.5 ft.
Drilling Co.:	Operational Technologies Corporation	**Depth To Water:**	NA
Driller:	Joe Byrd, Jr.	**Date Measured:**	NA
Date Drilled:	11/17/94	**Surface Elevation:**	13.86 ft.
Drilling Method:	Hand Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	- - -	100			Sand, fine-grained, moderately sorted, loose, off-white, dry.	0	0	10	1
					Gravel, sandy, loose, slightly moist, gravel is dark gray, sand is light brown.				
5	- - -	100			Sand, loose, fine-grained, dark brown, very moist, saturated at 5.5 ft.	0	0	1	0
					Boring Terminated at 5.5 ft.				
10									
15									
20									

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

O P T E C H

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING SF-002BH

Project No.:	1315-135	**Sampling Method:**	Hand Auger
Logged By:	Michael A. Giles	**Depth Drilled:**	6.0 ft.
Drilling Co.:	Operational Technologies Corporation	**Depth To Water:**	NA
Driller:	Joe Byrd, Jr.	**Date Measured:**	NA
Date Drilled:	11/17/94	**Surface Elevation:**	13.58 ft.
Drilling Method:	Hand Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	- - -	100			Sand, fine-grained, moderately sorted, loose, off-white, dry. Gravel, sandy, loose, dry, gravel is dark gray, sand is off-white to brown, sewer piped at 1.5 ft BLS.	0	0	0	0
5	- - -	100			Sand, fine-grained to medium-grained, moderately sorted, loose, off-white to light brown, very moist.	0	0	1	0
					Boring Terminated at 6.0 ft.				
10									
15									
20									

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING SF-003BH

Project No.:	1315-135	**Sampling Method:**	Hand Auger
Logged By:	Michael A. Giles	**Depth Drilled:**	6.5 ft.
Drilling Co.:	Operational Technologies Corporation	**Depth To Water:**	NA
Driller:	Joe Byrd, Jr.	**Date Measured:**	NA
Date Drilled:	11/17/94	**Surface Elevation:**	13.6 ft.
Drilling Method:	Hand Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	- - -	100			Sand, fine-grained to medium-grained, moderately sorted, loose, off-white color, dry. Gravel, sandy, loose, gravel is gray to dark gray, sand is fine-grained to medium-grained, moderately sorted, loose, off-white to light brown.	0	0	5	1
5	- - -	100			Sand, fine-grained to medium-grained, moderately sorted, loose, off-white to light brown, very moist.	0	0	6	1
					Boring Terminated at 6.5 ft.				
10									
15									
20									

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING FTA-01BH

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	19.5 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	NA
Driller:	Rodney La Bross	**Date Measured:**	NA
Date Drilled:	11/09/94	**Surface Elevation:**	111.71 ft.
Drilling Method:	Hollow-Stem Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	2	100			Fill, sand, clay, black.	0	0	0	0
	7				Sand, slightly clayey, loose, brown, red iron oxidation.				
	6								
5	18	100			Sand, medium-grained to fine-grained, moderately sorted, loose, very moist, brown.	0	0	0	0
	31								
	37								
	20	100				0	0	0	0
	50								
10									
	50	90			- sand is saturated at 13.5 ft.	0	0	0	0
15									
					Sand, very clayey, fine-grained to medium-grained, poorly sorted, loose to firm, dark brown.				
	35	100				0	0	0	0
	50								
20					Boring Terminated at 19.5 ft.				

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING FTA-02BH

Project No.:	**1315-135**	**Sampling Method:**	**Split-Spoon**
Logged By:	**Michael A. Giles**	**Depth Drilled:**	**20.0 ft.**
Drilling Co.:	**Cascade Drilling**	**Depth To Water:**	**NA**
Driller:	**Rodney La Bross**	**Date Measured:**	**NA**
Date Drilled:	**11/09/94**	**Surface Elevation:**	**112.48 ft.**
Drilling Method:	**Hollow-Stem Auger**		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
					Fill, sand, clay, some gravel, black.				
	4	100				0	0	0	0
	11				Sand, slightly clayey, brown, loose, slightly moist.				
	12								
5	9	100				0	0	0	0
	11				Sand, fine-grained to medium-grained, moderately sorted, loose, off white, moist.				
	7								
	11	100			- brown 8.5 to 20.0 ft. very moist.	0	0	0	0
	21								
10	35								
	47	40				0	0	0	0
	46								
15	54								
	15	95			- clayey sand 18.5 to 20 ft.	0	0	0	0
	33								
20	50								
					Boring Terminated at 20.0 ft.				

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING FTA-03BH

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	19.5 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	NA
Driller:	Rodney La Bross	**Date Measured:**	NA
Date Drilled:	11/09/94	**Surface Elevation:**	111.87 ft.
Drilling Method:	Hollow-Stem Auger		

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)
	2 3 34	100			Fill, sand, clay, occaisional gravel, soft, dark brown to black, slightly moist.	0	0	0	0
5	9 18 22	100			Sand, clayey, loose to very soft, brown, moist.	0	0	0	0
10	30 50	100			Sand, fine-grained to medium-grained, moderately sorted, loose, brown to light brown, occaisional red iron oxidation, moist to very moist.	0	0	0	0
15	18 29 38	100				0	0	0	0
20	17 50	90			Peat, clayey, dark brown to black, moist, some sand, firm. Boring Terminated at 19.5 ft.	0	0	0	0

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING CB-001PZ

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	44.0 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	40.54 ft.
Driller:	Rodney La Bross	**Date Measured:**	11/18/94
Date Drilled:	11/14/94	**Surface Elevation:**	148.23 ft.
Drilling Method:	Hollow-Stem Auger	**TOC Elevation:**	150.0 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)	Monitoring Well
5	7 8 15	100			Clay, sandy, firm but breaks easily, brown, dry.	0	0	0	0	
10	8 9 12	100			Sand, fine-grained to medium-grained, loose, brown, occaisional red iron oxidation, very moist.	0	0	3	0	
15	12 22 36	100				0	0	0	0	
20	17 19 20	100				0	0	0	0	
25	27 50	90				.9	0	0	0	
30	30 50	90				3.5	0	0	0	
35	50	90				2.9	0	0	0	
40	28 50	100			Shale, sandy, hard, bedded, dark green.					
45	50	90			Boring Terminated at 44.0 ft.					

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

O P T E C H

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING CB-002PZ

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	34.0 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	27.23 ft.
Driller:	Rodney La Bross	**Date Measured:**	11/18/94
Date Drilled:	11/14/94	**Surface Elevation:**	129.48 ft.
Drilling Method:	Hollow-Stem Auger	**TOC Elevation:**	131.21 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)	Monitoring Well
0	10	100			Sand, slightly clayey, loose to very soft, poorly sorted, brown, very moist.	0	0	8	0	
	18									
	24				Sand, fine-grained, moderately sorted, brown, very moist, occaisional red iron oxidation.					
5										
	20	90				0	0	24	1	
10	50									
	17	90				0	0	0	0	
15	50									
	17	90				0	0	0	0	
20	50									
	50	100				0	0	0	0	
25										
	30	100			- saturated at 28.5 ft.	0	0	0	0	
30	50									
	50	85			Clay, sandy, firm, brown, moist.	0	0	0	0	
35					Boring Terminated at 34.0 ft.					
40										
45										

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING CB-003PZ

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	28.0 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	19.22 ft.
Driller:	Rodney La Bross	**Date Measured:**	11/18/94
Date Drilled:	11/11/94	**Surface Elevation:**	103.34 ft.
Drilling Method:	Hollow-Stem Auger	**TOC Elevation:**	105.63 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)	Monitoring Well
					Sand, clayey, loose to very soft, moist, dark brown.					
5	2 3 4	100			Sand, fine-grained to medium-grained, moderately sorted, loose, moist, brown, red iron staining. - occaisional beds of clayey sand.	0	0	0	0	
10	21 50	100				0	0	0	0	
15	20 24 29	100				0	0	0	0	
20	24 27 30	100				0	0	0	0	
25	26 50	100				0	0	0	0	
					Shale, blue, hard.					
30					Boring Terminated at 28.0 ft.					
35										
40										
45										

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

O P T E C H

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING CB-004PZ

Project No.:	1315-135	**Sampling Method:**	Split-Spoon
Logged By:	Michael A. Giles	**Depth Drilled:**	84.5 ft.
Drilling Co.:	Cascade Drilling	**Depth To Water:**	69.01 ft.
Driller:	Rodney La Bross	**Date Measured:**	11/18/94
Date Drilled:	11/12/94	**Surface Elevation:**	95.59 ft.
Drilling Method:	Hollow-Stem Auger	**TOC Elevation:**	97.15 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)	Monitoring Well
	4 5 7	100			Sand, slightly clayey, loose, fine-grained, poorly sorted, dark brown to brown, occaisional iron staining, moist.	0	0	0	0	
5					Sand, medium-grained to fine-grained, loose, moderately sorted, brown, occaisional iron staining, moist.					
	10 15 27	100				0	0	0	0	
10										
	50	100			Sand, fine-grained to poorly sorted, firm but breaks easily, dark green, dry.	0	0	0	0	
15										
	50	90				0	0	0	0	
20										
	50	100				0	0	0	0	
25										
	50	100				0	0	0	0	
30										
	50	90				0	0	0	0	
35										
	50	90				0	0	0	0	
40										
	50	100				0	0	0	0	
45										
	50	100				0	0	0	0	

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING CB-004PZ

Project No.:	1315-135	Sampling Method:	Split-Spoon
Logged By:	Michael A. Giles	Depth Drilled:	84.5 ft.
Drilling Co.:	Cascade Drilling	Depth To Water:	69.01 ft.
Driller:	Rodney La Bross	Date Measured:	11/18/94
Date Drilled:	11/12/94	Surface Elevation:	95.59 ft.
Drilling Method:	Hollow-Stem Auger	TOC Elevation:	97.15 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)	Monitoring Well
55	50	100				0	0	0	0	
60	50	80				0	0	0	0	
65	50	100				0	0	0	0	
70	50	100				0	0	0	0	
75	50	90			- occaisional zones of partially cement sand at 73.5 ft.	0	0	0	0	
80	50	90			- saturated at 78.5 ft.	0	0	0	0	
85					Boring Terminated at 84.5 ft.					
90										
95										

COOS HEAD PA/SI

COOS HEAD ANGS, OREGON

OPTECH

OPERATIONAL TECHNOLOGIES CORPORATION

LOG OF BORING CB-005PZ

Project No.:	1315-135	Sampling Method:	Split-Spoon
Logged By:	Michael A. Giles	Depth Drilled:	28.0 ft.
Drilling Co.:	Cascade Drilling	Depth To Water:	18.18 ft.
Driller:	Rodney La Bross	Date Measured:	11/18/94
Date Drilled:	11/15/94	Surface Elevation:	110.92 ft.
Drilling Method:	Hollow-Stem Auger	TOC Elevation:	110.59 ft.

Depth (ft.)	Blows/6"	% Recovery	Samples	Graphic	DESCRIPTION OF MATERIALS	FIELD SCREENING PID (ppm)	ATHA (ppm)	BTEX (ppb)	Benzene (ppb)	Monitoring Well
					Asphalt.					
	29 30 50	100			Fill, sand, gravel, orange to brown.	0	0	6	2	
5					Sand, fine-grained to medium-grained, moderately sorted, loose, light brown to brown, with occaisional reddish iron oxidation, occaisional thin bed of clayey sand.					
10	15 31 50	100				0	0	1	1	
15	6 26 13	100				0	0	1	0	
20	12 30 50	90				0	0	0	0	
25	17 50	100			Sand, partially cemented, fine-grained, very hard, dark green-gray, saturated.	0	0	0	0	
30					Boring Terminated at 29.0 ft.					
35										
40										
45										

APPENDIX C

FIELD GC AND PID SCREENING RESULTS

FIELD GC DATA

Table C.1
GC Screening Results – Soil and Water
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	Total BTEX (ppb)
OWD-001BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 9.5	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 20.0*	10	ND	ND	ND	ND	ND	ND
OWD-002BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	5	ND	ND	5
	18.5 - 20.0	10	ND	ND	ND	ND	ND	ND
OWD-003BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 9.5	10	ND	ND	ND	ND	ND	ND
	13.5 - 14.5	10	24	ND	ND	ND	ND	24
	18.5 - 20.0	10	1	ND	ND	ND	ND	1
MSS-001BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
MSS-002BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND

Table C.1 (Continued)
GC Screening Results – Soil and Water
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					Total BTEX (ppb)
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	
MSS-002BH (Concluded)	8.5 - 10.0	10	103	140	135	338	136	852
	13.5 - 15.0	10	18	33	128	278	54	511
MSS-003BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 5.5	10	ND	ND	ND	ND	ND	ND
	8.5 - 9.5	10	ND	7	ND	ND	ND	7
MSS-004BH	1.0 - 2.0	10	ND	ND	ND	ND	ND	ND
	4.0 - 5.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 9.5	10	1	2	4	5	ND	12
TS-001BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
TS-002BH	1.0 - 2.0	10	ND	1	ND	ND	ND	1
	4.0 - 5.0	10	ND	ND	ND	ND	ND	ND
	8.0 - 9.0	10	1	2	2	ND	ND	5
TS-003BH	1.0 - 2.0	10	ND	ND	ND	ND	ND	ND
	4.5 - 5.5	10	ND	ND	ND	ND	ND	ND
	8.0 - 9.0	10	ND	ND	ND	ND	ND	ND
SDB-001BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND

Table C.1 (Continued)
GC Screening Results – Soil and Water
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	Total BTEX (ppb)
SDB-002BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
SDB-003BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 20.0	10	ND	ND	ND	ND	ND	ND
BAA-001BH	1.0 - 2.5	10	ND	1	ND	ND	ND	1
	4.5 - 6.0	10	ND	1	ND	ND	ND	1
	9.5 - 11.0	10	ND	2	ND	ND	ND	2
	14.5 - 16.0	10	ND	2	ND	ND	ND	2
	18.5 - 19.5	10	ND	2	ND	ND	ND	2
BAA-002BH	1.0 - 2.5	10	ND	1	ND	ND	ND	1
	4.5 - 6.0	10	ND	1	ND	ND	ND	1
	8.5 - 10.0	10	ND	2	ND	ND	ND	2
	13.5 - 14.5	10	ND	1	ND	ND	ND	1
	18.5 - 19.5	10	ND	1	ND	ND	ND	1
BAA-003BH	1.0 - 2.5	10	ND	1	ND	ND	ND	1
	4.5 - 6.0	10	ND	2	ND	ND	ND	2
	8.5 - 9.5	10	15	3	ND	ND	ND	18

Table C.1 (Continued)
GC Screening Results – Soil and Water
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	Total BTEX (ppb)
BAA-003BH (Concluded)	13.5 - 15.0	10	ND	1	ND	ND	ND	1
	18.5 - 19.5	10	ND	1	ND	ND	ND	1
A48-001BH	3.5 - 5.0	10	ND	1	ND	ND	ND	1
	8.5 - 10.0	10	ND	2	ND	ND	ND	2
	13.5 - 15.0	10	ND	4	ND	ND	ND	4
	18.5 - 19.5	10	ND	2	ND	ND	ND	2
	23.5 - 24.5	10	ND	1	ND	ND	ND	1
	28.5 - 29.5	10	ND	1	ND	ND	ND	1
	33.5 - 34.5	10	1	2	1	ND	ND	4
	38.5 - 39.5	10	1	2	ND	ND	ND	3
A48-002BH	3.5 - 5.0	10	ND	1	ND	ND	ND	1
	8.5 - 10.0	10	ND	1	ND	ND	ND	1
	13.5 - 15.0	10	ND	1	ND	ND	ND	1
	18.5 - 20.0	10	ND	1	ND	ND	ND	1
	23.5 - 25.0	10	ND	1	ND	ND	ND	1
	28.5 - 29.5	10	ND	1	ND	ND	ND	1
	33.5 - 34.5	10	ND	1	ND	ND	ND	1
	38.5 - 39.5	10	ND	ND	ND	ND	ND	ND
A48-003BH	3.5 - 5.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	1	ND	ND	ND	1
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND

Table C.1 (Continued)
GC Screening Results – Soil and Water
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					Total BTEX (ppb)
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	
A48-003BH (Concluded)	18.5 - 20.0	10	ND	1	ND	ND	ND	1
	23.5 - 24.5	10	ND	ND	ND	ND	ND	ND
	28.5 - 30.0	10	ND	ND	ND	ND	ND	ND
	33.5 - 34.5	10	ND	ND	ND	ND	ND	ND
	38.5 - 39.5	10	ND	ND	ND	ND	ND	ND
A40-001BH	1.0 - 2.5	10	ND	1	3	ND	ND	4
	4.5 - 6.0	10	ND	1	6	ND	ND	7
	9.0 - 10.0	10	ND	2	8	ND	ND	10
	14.5 - 16.0	10	ND	2	14	ND	ND	16
	18.5 - 19.5	10	ND	2	ND	ND	ND	2
A40-002BH	1.0 - 2.0	10	ND	ND	ND	ND	ND	ND
	4.5 - 5.5	10	ND	ND	ND	ND	ND	ND
	8.5 - 9.5	10	ND	ND	ND	ND	ND	ND
A40-003BH	1.0 - 2.0	10	1	2	2	ND	ND	5
	4.0 - 5.0	10	ND	ND	ND	ND	ND	ND
	7.0 - 8.0	10	ND	ND	ND	ND	ND	ND
A24-001BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 20.0	10	ND	ND	ND	ND	ND	ND

Table C.1 (Continued)
GC Screening Results – Soil and Water
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	Total BTEX (ppb)
A24-002BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	3	ND	ND	3
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 19.5	10	ND	ND	ND	ND	ND	ND
A24-003BH	1.0 - 2.5	10	ND	ND	2	ND	ND	2
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 20.0	10	ND	ND	ND	ND	ND	ND
SF-001BH	1.0 - 2.0	10	1	3	6	ND	ND	10
	4.5 - 5.5	10	ND	1	ND	ND	ND	1
SF-002BH	1.0 - 2.0	10	ND	ND	ND	ND	ND	ND
	5.0 - 6.0	10	ND	1	ND	ND	ND	1
SF-003BH	1.0 - 2.0	10	1	2	2	ND	ND	5
	5.5 - 6.5	10	1	2	3	ND	ND	6
FTA-001BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 9.5	10	ND	ND	ND	ND	ND	ND
	13.5 - 14.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 19.5	10	ND	ND	ND	ND	ND	ND

Table C.1 (Continued)
GC Screening Results – Soil and Water
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	Total BTEX (ppb)
FTA-002BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 20.0	10	ND	ND	ND	ND	ND	ND
FTA-003BH	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	4.5 - 6.0	10	ND	ND	ND	ND	ND	ND
	8.5 - 9.5	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 19.5	10	ND	ND	ND	ND	ND	ND
CB-001PZ	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	3	ND	ND	3
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 20.0	10	ND	ND	ND	ND	ND	ND
	23.5 - 24.5	10	ND	ND	ND	ND	ND	ND
	28.5 - 29.5	10	ND	ND	ND	ND	ND	ND
	33.5 - 34.0	10	ND	ND	ND	ND	ND	ND
	38.5 - 39.5	10	ND	ND	ND	ND	ND	ND
	43.5 - 44.0	10	ND	ND	ND	ND	ND	ND
CB-002PZ	1.0 - 1.5	10	ND	1	3	4	ND	8
	8.5 - 9.5	10	1	3	8	12	ND	24

Table C.1 (Continued)
GC Screening Results – Soil and Water
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	Total BTEX (ppb)
CB-002PZ (Concluded)	13.5 - 14.5	10	ND	ND	ND	ND	ND	ND
	18.5 - 19.5	10	ND	ND	ND	ND	ND	ND
	23.5 - 24.5	10	ND	ND	ND	ND	ND	ND
	28.5 - 29.5	10	ND	ND	ND	ND	ND	ND
	33.5 - 34.0	10	ND	ND	ND	ND	ND	ND
CB-003PZ	3.5 - 5.0	10	ND	1	3	3	ND	7
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
	13.5 - 15.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 20.0	10	ND	ND	ND	ND	ND	ND
	23.5 - 24.5	10	ND	ND	ND	ND	ND	ND
CB-004PZ	1.0 - 2.5	10	ND	ND	ND	ND	ND	ND
	8.5 - 10.0	10	ND	ND	ND	ND	ND	ND
	13.5 - 14.0	10	ND	ND	ND	ND	ND	ND
	18.5 - 19.0	10	ND	ND	ND	ND	ND	ND
	28.5 - 29.0	10	ND	ND	ND	ND	ND	ND
	33.5 - 34.0	10	ND	ND	ND	ND	ND	ND
	38.5 - 39.0	10	ND	ND	ND	ND	ND	ND
	43.5 - 44.0	10	ND	ND	ND	ND	ND	ND
	48.5 - 49.0	10	ND	ND	ND	ND	ND	ND
	58.5 - 59.0	10	ND	ND	ND	ND	ND	ND
	63.5 - 64.0	10	ND	ND	ND	ND	ND	ND

Table C.1 (Concluded)
GC Screening Results – Soil and Water
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Volatile Concentration					Total BTEX (ppb)
			Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	m,p-Xylene (ppb)	o-Xylene (ppb)	
CB-004PZ (Concluded)	68.5 - 69.0	10	ND	ND	ND	ND	ND	ND
	73.5 - 74.0	10	ND	ND	ND	ND	ND	ND
	78.5 - 79.0	10	ND	ND	ND	ND	ND	ND
CB-005PZ	3.5 - 5.0	10	2	2	2	ND	ND	6
	8.5 - 10.0	10	1	ND	ND	ND	ND	1
	13.5 - 15.0	10	ND	1	ND	ND	ND	1
	18.5 - 20.0	10	ND	ND	ND	ND	ND	ND
	23.5 - 24.5	10	ND	ND	ND	ND	ND	ND
CB-001PZ	Water	10 ml	ND	ND	ND	ND	ND	ND
CB-002PZ	Water	10 ml	ND	ND	ND	ND	ND	ND
CB-003PZ	Water	10 ml	ND	ND	ND	ND	ND	ND
CB-004PZ	Water	10 ml	ND	ND	ND	ND	ND	ND
CB-005PZ	Water	10 ml	ND	ND	ND	ND	ND	ND

GC – Gas Chromatograph.
ft. BLS – feet Below Land Surface.
ppb – parts per billion.
BTEX – Benzene, Toluene, Ethylbenzene, and Xylenes.
ND – Non-Detect.
AOC – Area of Concern.
OWD – Old Washrack and Drain AOC.
BH – Borehole.
MSS – Maintenance Shop Sump and Wash Area AOC.
TS – Transformer Spill AOC.
BAA – Burn Area and Antenna Area No. 28 AOC.
A48 – Antenna Area No. 48 AOC.
A40 – Antenna Area No. 40 AOC.
A24 – Antenna Area No. 24 AOC.
SDB – Sludge Drying Beds AOC.
SF – Septic Field AOC.
FTA – Fire Training Area AOC.
CB – Coos Bay.
PZ – Piezometer.
ml – milliliters.
* – Re-shot Sample.

PID AND ATHA DATA

Table C.2
Field PID Results – Soil
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	PID Reading* (ppm)	
		Upon Sample Retrieval	Ambient Temperature Headspace Analysis
OWD-001BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 9.5	0	0
	13.5 - 15.0	0	0
	18.5 - 20.0	0	0
OWD-002BH	1.0 - 2.5	0	2.7
	4.5 - 6.0	0	1.8
	8.5 - 10.0	0.7	2.0
	13.5 - 15.0	0.7	0
	18.5 - 20.0	0	0
OWD-003BH	1.0 - 2.5	0	1.0
	4.5 - 6.0	0	1.0
	8.5 - 9.5	0.3	0
	13.5 - 14.5	0	1.8
	18.5 - 20.0	0	1.0
MSS-001BH	1.0 - 2.5	0	0
	4.5 - 6.0	1.2	0
	8.5 - 10.0	0	1.2
MSS-002BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	15.8
	13.5 - 15.0	0	18.9
MSS-003BH	1.0 - 2.5	0	0
	4.5 - 5.5	0	0
	8.5 - 9.5	0	0
MSS-004BH	1.0 - 2.0	0	0
	4.0 - 5.0	0	0
	8.5 - 9.5	0	0

Table C.2 (Continued)
Field PID Results – Soil
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	PID Reading* (ppm)	
		Upon Sample Retrieval	Ambient Temperature Headspace Analysis
TS-001BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
TS-002BH	1.0 - 2.0	0	0
	4.0 - 5.0	0	0
	8.0 - 9.0	0	0
TS-003BH	1.0 - 2.0	0	0
	4.5 - 5.5	0	0
	8.0 - 9.0	0	0
SDB-001BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
SDB-002BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	0
SDB-003BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
	18.5 - 20.0	0	0.5
BAA-001BH	1.0 - 2.5	0	0.5
	4.5 - 6.0	0	3
	9.5 - 11.0	0	0
	14.5 - 16.0	0	0
	18.5 - 19.5	0	0
BAA-002BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	0

Table C.2 (Continued)
Field PID Results – Soil
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	PID Reading* (ppm)	
		Upon Sample Retrieval	Ambient Temperature Headspace Analysis
BAA-002BH (Concluded)	13.5 - 14.5	0	0
	18.5 - 19.5	0	0
BAA-003BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 9.5	0	0
	13.5 - 15.0	0	0
	18.5 - 19.5	0	0
A48-001BH	3.5 - 5.0	0	0
	8.5 - 10.0	0	1
	13.5 - 15.0	0	13
	18.5 - 19.5	0	0
	23.5 - 24.5	0	0
	28.5 - 29.5	0.5	2
	33.5 - 34.5	4	1.5
	38.5 - 39.5	0	0
A48-002BH	3.5 - 5.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	6	0
	18.5 - 20.0	3.8	2.0
	23.5 - 25.0	0	0
	28.5 - 29.5	0	0
	33.5 - 34.5	0	0
	38.5 - 39.5	0	0
A48-003BH	3.5 - 5.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
	18.5 - 20.0	2.0	1.5
	23.5 - 24.5	0	0

Table C.2 (Continued)
Field PID Results – Soil
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	PID Reading* (ppm)	
		Upon Sample Retrieval	Ambient Temperature Headspace Analysis
A48-003BH (Concluded)	28.5 - 30.0	0	0
	33.5 - 34.5	0	0
	38.5 - 39.5	0	0
A40-001BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	2.9
	9.0 - 10.0	0	3
	14.5 - 16.0	0	0
	18.5 - 19.5	0	6
A40-002BH	1.0 - 2.0	0	0
	4.5 - 5.5	0	0
	8.5 - 9.5	0	0
A40-003BH	1.0 - 2.0	0	0
	4.0 - 5.0	0	0
	7.0 - 8.0	0	0
A24-001BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
	18.5 - 20.0	0	0
A24-002BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
	18.5 - 19.5	0	0
A24-003BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	0

Table C.2 (Continued)
Field PID Results – Soil
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	PID Reading* (ppm)	
		Upon Sample Retrieval	Ambient Temperature Headspace Analysis
A24-003BH (Concluded)	13.5 - 15.0	0	0
	18.5 - 20.0	0	0
SF-001BH	1.0 - 2.0	0	0
	4.5 - 5.5	0	0
SF-002BH	1.0 - 2.0	0	0
	5.0 - 6.0	0	0
SF-003BH	1.0 - 2.0	0	0
	5.5 - 6.5	0	0
FTA-001BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 9.5	0	0
	13.5 - 14.0	0	0
	18.5 - 19.5	0	0
FTA-002BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
	18.5 - 20.0	0	0
FTA-003BH	1.0 - 2.5	0	0
	4.5 - 6.0	0	0
	8.5 - 9.5	0	0
	13.5 - 15.0	0	0
	18.5 - 19.5	0	0
CB-001PZ	1.0 - 2.5	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
	18.5 - 20.0	0	0
	23.5 - 24.5	0.9	0

Table C.2 (Continued)
Field PID Results – Soil
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	PID Reading* (ppm)	
		Upon Sample Retrieval	Ambient Temperature Headspace Analysis
CB-001PZ (Concluded)	28.5 - 29.5	3.5	0
	33.5 - 34.0	2.9	0
	38.5 - 39.5	0	0
	43.5 - 44.0	0	0
CB-002PZ	1.0 - 1.5	0	0
	8.5 - 9.5	0	0
	13.5 - 14.5	0	0
	18.5 - 19.5	0	0
	23.5 - 24.5	0	0
	28.5 - 29.5	0	0
	33.5 - 34.0	0	0
CB-003PZ	3.5 - 5.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
	18.5 - 20.0	0	0
	23.5 - 24.5	0	0
CB-004PZ	1.0 - 2.5	0	0
	8.5 - 10.0	0	0
	13.5 - 14.0	0	0
	18.5 - 19.0	0	0
	28.5 - 29.0	0	0
	33.5 - 34.0	0	0
	38.5 - 39.0	0	0
	43.5 - 44.0	0	0
	48.5 - 49.0	0	0
	58.5 - 59.0	0	0
	63.5 - 64.0	0	0

Table C.2 (Concluded)
Field PID Results – Soil
104th ACS, Coos Head ANGS, Coos Bay, Oregon

Boring	Sample Interval (ft. BLS)	PID Reading* (ppm)	
		Upon Sample Retrieval	Ambient Temperature Headspace Analysis
CB-004PZ (Concluded)	68.5 - 69.0	0	0
	73.5 - 74.0	0	0
	78.5 - 79.0	0	0
CB-005PZ	3.5 - 5.0	0	0
	8.5 - 10.0	0	0
	13.5 - 15.0	0	0
	18.5 - 20.0	0	0
	23.5 - 24.5	0	0
CB-001PZ	Water	0	0
CB-002PZ	Water	0	0
CB-003PZ	Water	0	0
CB-004PZ	Water	0	0
CB-005PZ	Water	0	0

ft. BLS – feet Below Land Surface.
ppm – parts per million.
AOC – Area of Concern.
OWD – Old Washrack and Drain AOC.
BH – Borehole.
MSS – Maintenance Shop Sump and Wash Area AOC.
TS – Transformer Spill AOC.
BAA – Burn Area and Antenna Area No. 28 AOC.
A48 – Antenna Area No. 48 AOC.
A40 – Antenna Area No. 40 AOC.
A24 – Antenna Area No. 24 AOC.
SDB – Sludge Drying Beds AOC.
SF – Septic Field AOC.
FTA – Fire Training Area AOC.
CB – Coos Bay.
PZ – Piezometer.
PID – Photoionization Detector.
* – PID calibrated with 100 ppm isobutylene.

FIELD GC DATA SUMMARY

SITE: Ceos Bay ANGS
GAIN: 1,000
CARRIER GAS FLOW: ~~4.5~~ 12.0 ml/min

INJECTION VOLUME: 100 ul
GC OVEN TEMP: 40°C
ANALYSIS TIME: 530 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb) Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes TOTAL BTEX		
1	100 PPB	BTEX	X	100	100	100	200	100	600	X	X
2	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000	X	X
3	10 PPM	BTEX	X	10,000	10,000	10,000	10,000	1,000	60,000	X	X
4	AIR BLANK	X	X	1	2	2	ND	ND	5	X	X
5	A40-001BH	1-2.5'	10	ND	1	3	ND	ND	4		
6	100 PPB	BTEX	X	83	77	73	139	74	446	X	X
	RECALIBRATION		X	100	100	100	200	100	600	X	X
7	A40-001BH	4.5-6.0	10	ND	1	6	ND	ND	7		
8	A40-001BH	9.0-10.0	10	ND	2	8	ND	ND	10		
9	A40-001BH	14.5-16.0	10	ND	2	14	ND	ND	16	33 ↗ within ±10%	
10	A40-001BH	18.5-19.5	10	ND	2	ND	ND	ND	2		
11	BAA-002BH	1.0-2.5	10	ND	1	ND	ND	ND	1		
12	100 PPB	BTEX	X	92	99	101	205	102	599	X	X
13	AIR BLANK	X	X	ND	1	ND	ND	ND	1	X	X
14	BAA-002BH	4.5-6.0	10	ND	1	ND	ND	ND	1		
15	BAA-002BH	13.5-14.5	10	ND	1	ND	ND	ND	1		
16	BAA-002BH	18.5-19.5	10	ND	1	ND	ND	ND	1		
17	BAA-001BH	1.0-2.5	10	ND	1	ND	ND	ND	1		
18	BAA-001BH	4.5-6.0	10	ND	1	ND	ND	ND	1		
19	100 PPB	BTEX	X	85	79	75	146	75	460	X	X

Calibration Information		Analytes Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time	60.8	124.5	259.4	279.4	331.2				
	Response	186	99	65	58	20.5				
1 ppm	Retention Time	61.3	125.2	257	278.4	331.2				
	Response	2032	1791	1496	1168	548				
10 ppm	Retention Time	61.6	125.2	260.2	280.2	332.5				
	Response	11,670	14,636	13,186	11,772	4913				

OPERATOR: J Byrd Jr

DATE: 8 Nov 94

FIELD GC DATA SUMMARY

SITE: Coos BAY ANGS
GAIN: 1,000
CARRIER GAS FLOW: 12.0 ml/min

INJECTION VOLUME: 100 µl
GC OVEN TEMP: 40°C
ANALYSIS TIME: 530 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes: TOTAL BTEX		
	Recalibration			100	100	100	200	100	600		
20	BAA-001 BH	14.5-16.0	10	ND	2	ND	ND	ND	2		
21	BAA-001 BH	18.5-19.5	10	ND	2	ND	ND	ND	2		
22	BAA-003 BH	4.5-6.0	10	ND	2	ND	ND	ND	2		
23	BAA-003 BH	8.5-9.5	10	15	3	ND	ND	ND	18		
24	BAA-003 BH	13.5-15.0	10	ND	1	ND	ND	ND	1		
25	100 PPB	BTEX		104	97	90	177	92	560		
26	AIR BLANK			ND	1	ND	ND	ND	1		
27	BAA-003 BH	1.0-2.5	10	ND	1	ND	ND	ND	1		
28	BAA-002 BH	3.5-10.0	10	ND	2	ND	ND	ND	2		
29	BAA-001 BH	9.5-11.0	10	ND	2	ND	ND	ND	2		
30	BAA-003 BH	18.5-19.5	10	ND	1	ND	ND	ND	1		
31	A48-001 BH	3.5-5.0	10	ND	1	ND	ND	ND	1		
32	100 PPB	BTEX		94	92	88	175	95	544		
33	AIR BLANK			ND	1	ND	ND	ND	1		
34	A48-001 BH	8.5-10.0	10	ND	2	ND	ND	ND	2		
35	A48-001 BH	13.5-15.0	10	ND	4	ND	ND	ND	4	Reduce Run to 500 sec	
36	A48-001 BH	18.5-19.5	10	ND	2	ND	ND	ND	2		
37	A48-001 BH	23.5-24.5	10	ND	1	ND	ND	ND	1		
38	A48-001 BH	28.5-29.5	10	ND	1	ND	ND	ND	1		

~~I use this to run QA/QC at end of Day instead of new page~~

Calibration Information		Analytes: Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	BTEX Total			
0.1 ppm	Retention Time	It is	Late	Stut	down			Too	33 PPB	~~BTEX~~
	Response		GC.					AIR	BLANK	
1 ppm	Retention Time									
	Response									
10 ppm	Retention Time									
	Response									

OPERATOR: [signature]

DATE: 8 Nov 94

FIELD GC DATA SUMMARY

SITE: Goose Bay ANGS
GAIN: 1,000
CARRIER GAS FLOW: 12 ml/min

INJECTION VOLUME: 100 µl
GC OVEN TEMP: 40°C
ANALYSIS TIME: ~~480 sec~~ 470 sec 55

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes: TOTAL BTEX		
1	100 PPB	BTEX	X	100	100	100	200	100	600	X	X
2	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000	X	X
3	10 PPM	BTEX	X	10,000	10,000	10,000	20,000	10,000	60,000	X	X
4	AIR BLANK	X	X	1	2	8	18	ND	29	X	X
5	A48-001 BH	33.5-34.5	10	1	2	1	ND	ND	4		
6	A48-001 BH	38.5-39.5	10	1	2	ND	ND	ND	3		
7	A48-002 BH	3.5-5.0	10	ND	1	ND	ND	ND	1		
8	100 PPB	BTEX	X	105	101	104	210	107	627	X	X
9	AIR BLANK	X	X	ND	1	ND	ND	ND	1	X	X
10	A48-002 BH	8.5-10.0	10	ND	1	ND	ND	ND	1		
11	A48-002 BH	13.5-15.0	10	ND	1	ND	ND	ND	1		
12	A48-002 BH	18.5-20.0	10	ND	1	ND	ND	ND	1		
13	A48-002 BH	23.5-25.0	10	ND	1	ND	ND	ND	1		
14	A48-002 BH	28.5-29.5	10	ND	1	ND	ND	ND	1		
15	100 PPB	BTEX	X	95	89	92	181	97	554	X	X
16	AIR BLANK	X	X	ND	1	ND	ND	ND	1	X	X
17	A48-002 BH	33.5-34.5	10	ND	1	ND	ND	ND	1		
18	A48-002 BH	38.5-39.5	10	ND	ND	ND	ND	ND	ND		
19	A48-003 BH	3.5-5.0	10	ND	ND	ND	ND	ND	ND		
20	A48-003 BH	8.5-10.0	10	ND	1	ND	ND	ND	1		

Calibration Information		Analytes: Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time	67.6	140.1	293.6	316.5	373.3				
	Response	159.9	82.7	49.5	41.7	8.5				
1 ppm	Retention Time	68.1	141.2	292.8	316.5	374.3				
	Response	1949	933.6	1226	873.8	187.2				
10 ppm	Retention Time	68.5	141.0	294.6	317.3	372.6				
	Response	11033	13245	9762	7587	1659				

OPERATOR: J Byrd Jr

DATE: 9 Nov 94

FIELD GC DATA SUMMARY

SITE: Coos Bay ANGS
GAIN: 1,000
CARRIER GAS FLOW: 12 µl/min

INJECTION VOLUME: 100 µl
GC OVEN TEMP: 40°C
ANALYSIS TIME: 470 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes: TOTAL BTEX		
21	A48-003 BH	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
22	100 PPB	BTEX	X	79	76	78	150	81	464	X	X
~~23~~	RECALIBRATION	X	X	100	100	100	200	100	600	X	X
23	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
24	A48-003 BH	18.5-20.0	10	ND	j	ND	ND	ND	1		
25	A48-003 BH	23.5-24.5	10	ND	ND	ND	ND	ND	ND		
26	A48-003 BH	28.5-30.0	10	ND	ND	ND	ND	ND	ND		
27	A48-003 BH	33.5-34.5	10	ND	ND	ND	ND	ND	ND		
28	A48-003 BH	38.5-39.5	10	ND	ND	ND	ND	ND	ND		
29	100 PPB	BTEX	X	100	95	90	178	87	550	X	X
30	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
31	FTA-001 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
32	FTA-001 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
33	FTA-001 BH	8.5-9.5	10	ND	ND	ND	ND	ND	ND		
34	FTA-001 BH	13.5-14.0	10	ND	ND	ND	ND	ND	ND		
35	FTA-001 BH	18.5-19.5	10	ND	ND	ND	ND	ND	ND		
36	100 PPB	BTEX	X	90	83	69	126	64	432	X	X
	Recalibration	X	X	100	100	100	200	100	600	X	X
37	AIR BLANK	X	X	~~8~~ ND 53	ND	~~3~~ ND 33	ND	ND	3	X	X
38	FTA-003 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		

Calibration Information		Analytes: Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time									
	Response									
1 ppm	Retention Time									
	Response									
10 ppm	Retention Time									
	Response									

OPERATOR: J Byerly Jr

DATE: 9 Nov 94

FIELD GC DATA SUMMARY

SITE: Coos BAY ANGS
GAIN: 1,000
CARRIER GAS FLOW: 12 µl/min

INJECTION VOLUME: 100µl
GC OVEN TEMP: 40°C
ANALYSIS TIME: 470 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes: TOTAL BTEX		
39	FTA-003BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
40	FTA-003BH	8.5-9.5	10	ND	ND	ND	ND	ND	ND		
41	FTA-003 BH	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
42	FTA-003 BH	18.5-19.5	10	ND	ND	ND	ND	ND	ND		
43	100 PPB	BTEX	X	100	81	83	165	85	514	X	X
44	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
45	FTA-002 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
46	FTA-002 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
47	FTA-002 BH	8.5-10.0	10	ND	ND	ND	ND	ND	ND		
48	FTA-002 BH	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
49	FTA-002 BH	18.5-20.0	10	ND	ND	ND	ND	ND	ND		
50	100 PPB	BTEX	X	73	67	60	131	66	397	X	X

Calibration Information		Analytes: Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time									
	Response									
1 ppm	Retention Time									
	Response									
10 ppm	Retention Time									
	Response									

OPERATOR: JByrd Jr

DATE: 9 Nov 94

FIELD GC DATA SUMMARY

SITE: Coos Bay AMGS
GAIN: 1.000
CARRIER GAS FLOW: 12.5 ml/min

INJECTION VOLUME: 100 µl
GC OVEN TEMP: 40°C
ANALYSIS TIME: 450 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes		
									TOTAL BTEX		
1	100 PPB	BTEX	X	CLOGGED SYRINGE						X	X
2	100 PPB	BTEX	X	100	100	100	200	100	600	X	X
3	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000	X	X
4	10 PPM	BTEX	X	10,000	10,000	10,000	20,000	10,000	60,000	X	X
5	AIR bLANK	X	X	1	2	4	5	ND	12	X	X
6	OWD-001 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
7	OWD-001 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
8	OWD-001 BH	8.5-9.5	10	ND	ND	ND	ND	ND	ND		
9	OWD-001 BH	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
10	OWD-001 BH	18.5-20.0	10		MISSED SHOT						
11	100 PPB	BTEX	X	108	95	92	183	97	575	X	X
12	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
13	OWD-001BH Reshot	8.5-9.5	10	ND	ND	ND	ND	ND	ND		
14	OWD-001BH Reshot	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
15	OWD-001BH Reshot	18.5-20.0	10	ND	ND	ND	ND	ND	ND		
16	OWD-002BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
17	OWD-002BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
18	100 PPB	BTEX	X	95	83	71	139	81	469	X	X
	Recalibration	X	X	100	100	100	200	100	600	X	X
19	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X

Calibration Information		Analytes								
		Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time	59.5	122.9	256.8	276.2	327.4				
	Response	122.3	67.9	47.4	39.6	11.4				
1 ppm	Retention Time	60.2	123.8	255.4	276.2	326.9				
	Response	1760	836	1261	914.7	330				
10 ppm	Retention Time	60.5	123.6	257.3	276.8	325.3				
	Response	10896	11088	8314	6567	2160				

OPERATOR: [signature]

DATE: 10 NOV 94

FIELD GC DATA SUMMARY

SITE: Coos Bay ANGS
GAIN: 1,000
CARRIER GAS FLOW: 12.5 ml/min

INJECTION VOLUME: 100 µl
GC OVEN TEMP: 40°C
ANALYSIS TIME: 450 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes: TOTAL BTEX		
20	OWD-002BH	8.5-10.0	10	ND	ND	ND	ND	ND	ND		
21	OWD-002BH	13.5-15.0	10	ND	ND	5	ND	ND	~~ND~~ 5	* OUTER WINDOW of ± 10%	
22	OWD-002BH	18.5-20.0	10	ND	ND	ND	ND	ND	ND		
23	OWD-003BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
24	OWD-003BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
25	100 PPB	BTEX	X	100	85	71	130	68	454	X	X
	Recalibration	X	X	100	100	100	200	100	600	X	X
26	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
27	OWD-003BH	8.5-9.5	10	ND	ND	ND	ND	ND	ND		
28	OWD-003BH	13.5-14.5	10	24	ND	ND	ND	ND	24		
29	Reshot OWD-003BH	13.5-14.5	10	5	ND	ND	ND	ND	5		
30	OWD-003BH	18.5-20.0	10	1	ND	ND	ND	ND	1		
31	MSS-001BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
32	100 PPB	BTEX	X	96	92	101	203	104	596	X	X
33	AIR bLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
34	MSS-001BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
35	MSS-001BH	8.5-10.0	10	ND	ND	ND	ND	ND	ND		
36	MSS-002BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
37	MSS-002BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
38	MSS-002BH	8.5-10.0	10	103	140	135	338	136	852		

Calibration Information		Analytes								
		Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time									
	Response									
1 ppm	Retention Time									
	Response									
10 ppm	Retention Time									
	Response									

OPERATOR: J Byrd Jr

DATE: 10 NOV 94

FIELD GC DATA SUMMARY

SITE: Coos BAY ANGS
GAIN: 1,000
CARRIER GAS FLOW: 12.5 ml/min

INJECTION VOLUME: 100 µl
GC OVEN TEMP: 40°C
ANALYSIS TIME: 450 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes: TOTAL BTEX		
39	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000	X	X
	Recalibration	X	X	863	1,060	522	1,030	557	4,032	X	X
40	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
41	MSS-002 BH	13.5-15.0	10	18	33	128	278	54	511		
42	MSS-003 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
43	MSS-003 BH	4.5-5.5	10	ND	ND	ND	ND	ND	ND		
44	MSS-003 BH	8.5-9.5	10	ND	7	ND	ND	ND	7		
45	TS-001 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
46	100 PPB	BTEX	X	82	68	63	131	75	419	X	X
	Recalibration	X	X	100	100	100	200	100	600	X	X
47	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
48	TS-001 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
49	TS-001 BH	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
50	TS-001 BH	8.5-10.0	10	ND	ND	ND	ND	ND	ND		

Calibration Information		Analytes: Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time									
	Response									
1 ppm	Retention Time	60.0	122	256	275.7	326.1				
	Response	1510	906	604.5	430.8	330.8				
10 ppm	Retention Time									
	Response									

OPERATOR: JByrd Jr

DATE: 10 Nov 94

(9)

FIELD GC DATA SUMMARY

SITE: Coos BAY ANGS
GAIN: 1,000
CARRIER GAS FLOW: 13 µl/min

INJECTION VOLUME: 100 µl
GC OVEN TEMP: 40°C
ANALYSIS TIME: ~~450 sec~~ 440 sec
B

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes		
									TOTAL BTEX		
1	100 PPB	BTEX	X	100	100	100	200	100	600	X	X
2	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000	X	X
3	10 PPM	BTEX	X	10,000	10,000	10,000	20,000	10,000	60,000	X	X
4	AIR BLANK	X	X	1	2	1	ND	ND	4	X	X
5	AZ4-001 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
6	AZ4-001 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
7	AZ4-001 BH	8.5-10.0	10	ND	ND	ND	ND	ND	ND		
8	AZ4-001 BH	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
9	AZ4-001 BH	18.5-20.0	10	ND	ND	ND	ND	ND	ND		
10	100 PPB	BTEX	X	119	111	112	233	121	696	X	X
	CALIBRATE	X	X	100	100	100	200	100	600	X	X
11	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
12	AZ4-002 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
13	AZ4-002 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
14	AZ4-002 BH	8.5-10.0	10	ND	ND	3	ND	ND	3		
15	AZ4-002 BH	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
16	AZ4-002 BH	18.5-19.5	10	ND	ND	ND	ND	ND	ND		
17	100 PPB	BTEX	X	93	79	61	113	51	397	X	X
	RECALIBRATE	X	X	100	100	100	200	100	600	X	X
18	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X

Calibration Information		Analytes								
		Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time	55.7	114	237.8	256	303.2				
	Response	121.3	69.3	55.8	47.4	14.3				
1 ppm	Retention Time	56.1	113.4	238.4	256.8	304				
	Response	1483	1003	759.2	516.2	197.5				
10 ppm	Retention Time	56.3	114.6	238.4	256.5	301.8				
	Response	1036.0	10187	8020	6277	2145				

OPERATOR: J. Byrd Jr
DATE: 11 NOV 94

FIELD GC DATA SUMMARY

SITE: COOS BAY ANGS
GAIN: 1,000
CARRIER GAS FLOW: 13 µl/min

INJECTION VOLUME: 100 µl
GC OVEN TEMP: 40°C
ANALYSIS TIME: 440 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes		
									TOTAL BTEX		
19	AZ4-003 BH	1.0-2.5	10	ND	ND	2	ND	ND	2		
20	AZ4-003 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
21	AZ4-003 BH	8.5-10.0	10	ND	ND	ND	ND	ND	ND		
22	AZ4-003 BH	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
23	AZ4-003 BH	18.5-20.0	10	ND	ND	ND	ND	ND	ND		
24	100 PPB	BTEX		87	94	98	199	104	582		
25	AIR BLANK			ND	ND	ND	ND	ND	ND		
26	SDB-002 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
27	SDB-002 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
28	SDB-002 BH	8.5-10.0	10	ND	ND	ND	ND	ND	ND		
29	SDB-001 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
30	SDB-001 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
31	100 PPB	BTEX		97	88	83	159	90	517		
	Recalibration			100	100	100	200	100	600		
32	AIR BLANK			ND	ND	ND	ND	ND	ND		
33	SDB-003 BH	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
34	SDB-003 BH	4.5-6.0	10	ND	ND	ND	ND	ND	ND		
35	SDB-003 BH	8.5-10.0	10	ND	ND	ND	ND	ND	ND		
36	SDB-003 BH	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
37	SDB-003 BH	18.5-20.0	10	ND	ND	ND	ND	ND	ND		

Calibration Information		Analytes								
		Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time									
	Response									
1 ppm	Retention Time									
	Response									
10 ppm	Retention Time									
	Response									

OPERATOR: J Byrd Jr

DATE: 11 Nov 94

FIELD GC DATA SUMMARY

SITE: Coos Bay ANGS
GAIN: 1,000
CARRIER GAS FLOW: 13 ml/min

INJECTION VOLUME: 100 µl
GC OVEN TEMP: 40°C
ANALYSIS TIME: 440 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes		
									TOTAL BTEX		
38	100 PPB	BTEX	X	87	94	98	200	102	581	X	X

Calibration Information		Analytes								
		Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time									
	Response									
1 ppm	Retention Time									
	Response									
10 ppm	Retention Time									
	Response									

OPERATOR: J Byrd Jr

DATE: 11 NOV 94

FIELD GC DATA SUMMARY

SITE: Coos Bay ANGS
GAIN: 1,000
CARRIER GAS FLOW: 13.1 ml/min

INJECTION VOLUME: 100 µl
GC OVEN TEMP: 40°C
ANALYSIS TIME: 440 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes: TOTAL BTEX		
1	100 PPB	BTEX	X	NO Results						X	X
2	100 PPB	BTEX	X	NO Results						X	X
3	1 PPM	BTEX	X	BTEX FLAT Redo STDs						X	X
4	100 PPB	BTEX	X	100	100	100	200	100	600	X	X
5	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000	X	X
6	10 PPM	BTEX	X	10,000	10,000	10,000	20,000	10,000	60,000	X	X
7	AIR BLANK	X	X	2	6	26	56	34	124	X	X
8	AIR BLANK	X	X	1	3	6	9	ND	19	X	X
9	CB-003 PZ	3.5-5.0	10	ND	1	3	3	ND	7		
10	CB-003 PZ	8.5-10.0	10	ND	ND	ND	ND	ND	ND		
11	CB-003 PZ	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
12	CB-003 PZ	18.5-20.0	10	ND	ND	ND	ND	ND	ND		
13	CB-003 PZ	23.5-24.5	10	ND	ND	ND	ND	ND	ND		
14	100 PPB	BTEX	X	87	98	93	189	103	570	X	X
15	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
16	CB-004 PZ	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
17	CB-004 PZ	8.5-10.0	10	ND	ND	ND	ND	ND	ND		
18	CB-004 PZ	13.5-14.0	10	ND	ND	ND	ND	ND	ND		
19	CB-004 PZ	18.5-19.0	10	ND	ND	ND	ND	ND	ND		
20	CB-004 PZ	28.5-29.0	10	ND	ND	ND	ND	ND	ND		

Calibration Information		Analytes: Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time	63.1	130.4	273 3	294.1	346.6				
	Response	217.6	85.9	53.5	41.8	6.5				
1 ppm	Retention Time	63.4	130.5	271.7	293	345				
	Response	2242	1452	1178	762.5	136				
10 ppm	Retention Time	63.4	131	273.6	294.6	346				
	Response	12792	12549	8871	6359	1183				

OPERATOR: J Byrd Jr

DATE: 12 Nov 94

FIELD GC DATA SUMMARY

SITE: Coos Bay ANGS
GAIN: 4000
CARRIER GAS FLOW: 13.1 ml/min

INJECTION VOLUME: 100 ul
GC OVEN TEMP: 40°C
ANALYSIS TIME: 440 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb) Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes TOTAL BTEX		
21	100 PPB	BTEX	X	77	72	60	114	66	389	X	X
	Recalibration	X	X	100	100	100	200	100	600	X	X
22	Air blank	X	X	ND	ND	ND	ND	ND	ND	X	X
23	CB-004PZ	33.5-34.0	10	ND	ND	ND	ND	ND	ND		
24	CB-004PZ	38.5-39.0	10	ND	ND	ND	ND	ND	ND		
25	CB-004PZ	43.5-44.0	10	ND	ND	ND	ND	ND	ND		
26	CB-004PZ	48.5-49.0	10	ND	ND	ND	ND	ND	ND		
27	CB-004PZ	58.5-59.0	10	ND	ND	ND	ND	ND	ND		
~~28~~	~~CB-004PZ~~										
28	100 PPB	BTEX	X	101	106	106	218	109	640	X	X
29	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
30	CB-004 PZ	63.5-64.0	10	ND	ND	ND	ND	ND	ND		
31	CB-004 PZ	68.5-69.0	10	ND	ND	ND	ND	ND	ND		
32	CB-004 PZ	73.5-74.0	10	ND	ND	ND	ND	ND	ND		
33	CB-004 PZ	78.5-79	10	ND	ND	ND	ND	ND	ND		

J Byrd Jr

Calibration Information		Analytes Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time									
	Response									
1 ppm	Retention Time									
	Response									
10 ppm	Retention Time									
	Response									

OPERATOR: J Byrd Jr

DATE: 12 Nov 94

FIELD GC DATA SUMMARY

SITE: Coos Bay ANGS
GAIN: 1,000
CARRIER GAS FLOW: 13 ml/min

INJECTION VOLUME: 100 µl
GC OVEN TEMP: ~~35°C~~ 40°C
ANALYSIS TIME: 440 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes: TOTAL BTEX		
1	100 PPB	BTEX	X	O-Xlene not Present			↑ Oven to 40°C			X	X
2	100 PPB	BTEX	X	100	100	100	200	100	600	X	X
3	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000	X	X
4	10 PPM	BTEX	X	10,000	10,000	10,000	20,000	10,000	60,000	X	X
5	~~AIR BLANK~~ AIR BLANK		X	5	10	21	45	16	87	X	X
6	CB-002PZ	1.0-1.5	10	ND	1	3	4	ND	8		
7	CB-002PZ	8.5-9.5	10	1 ~~ND~~	3	8	~~40~~ 33 12	ND	24		
8	CB-002PZ	13.5-14.5	10	ND	ND	ND	ND	ND	ND		
9	CB-002PZ	18.5-19.5	10	ND	ND	ND	ND	ND	ND		
10	RESHOT CB-002PZ	8.5-9.5	10	ND	ND	ND	ND	ND	ND		
11	100 PPB	BTEX	X	86	87	78	152	54	457	X	X
	Recalibration	X	X	100	100	100	200	100	600	X	X
12	AIR BLANK	X	X	ND	1	ND	ND	ND	1	X	X
13	CB-002PZ	23.5-24.5	10	ND	ND	ND	ND	ND	ND		
14	CB-002PZ	28.5-29.5	10	ND	ND	ND	ND	ND	ND		
15	CB-002PZ	33.5-34.0	10	ND	ND	ND	ND	ND	ND		
16	CB-001PZ	1.0-2.5	10	ND	ND	ND	ND	ND	ND		
17	CB-001PZ	8.5-10.0	10	ND	ND	3	ND	ND	3		
18	100 PPB	BTEX	X	87	78	72	127	70	434	X	X
	Recalibrate	X	X	100	100	100	200	100	600	X	X

Calibration Information		Analytes: Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time	56.0	114.4	244.8	264.2	316.5	→ Changed. See Next Page			
	Response	215.6	96.8	58.4	46.9	13.7	→ "	"	"	"
1 ppm	Retention Time	59.8	122.1	253.6	273.3	322.1				
	Response	2130	1513	1151	757.8	203				
10 ppm	Retention Time	59.8	122.4	255.2	274.4	322.6				
	Response	13359	12578	8883	6460	1938				

OPERATOR: JByrd/jk

DATE: 14 Nov 94

FIELD GC DATA SUMMARY

SITE: Coos Bay ANGS
GAIN: 1,000
CARRIER GAS FLOW: 13 ml/min

INJECTION VOLUME: 100 µl
GC OVEN TEMP: 40°C
ANALYSIS TIME: 440 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb) Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes: TOTAL BTEX		
19	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
20	CB-001 PZ	13.5-15.0	10	ND	ND	ND	ND	ND	ND		
21	CB-001 PZ	18.5-20.0	10	ND	ND	ND	ND	ND	ND		
22	CB-001 PZ	23.5-24.5	10	ND	ND	ND	ND	ND	ND		
23	CB-001 PZ	28.5-29.5	10	ND	ND	ND	ND	ND	ND		
24	100 PPB	BTEX	X	79	68	55	116	62	380	X	X
	Recalibrate	X	X	100	100	100	200	100	600	X	X
25	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
26	CB-001 PZ	33.5-34.0	10	ND	ND	ND	ND	ND	ND		
27	CB-001 PZ	38.5-39.5	10	ND	ND	ND	ND	ND	ND		
28	CB-001 PZ	43.5-44.0	10	ND	ND	ND	ND	ND	ND		
29	100 PPB	BTEX	X	96	93	94	188	101	572	X	X

Calibration Information		Analytes: Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time	59.8	123.2	257.8	277	326.6				
	Response	184.5	84.2	45.6	35.5	7.4				
1 ppm	Retention Time									
	Response									
10 ppm	Retention Time									
	Response									

OPERATOR: JBycroft

DATE: 14 Nov 94

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FIELD GC DATA SUMMARY

SITE: Coos Bay
GAIN: AUTO
CARRIER GAS FLOW: 13 ml/min

INJECTION VOLUME: 100 µl
GC OVEN TEMP: 40 °C
ANALYSIS TIME: 430 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes		
									TOTAL BTEX		
3	100 PPB	BTEX		100	100	100	200	100	600		
4	1 PPM	BTEX		1,000	1,000	1,000	2,000	1,000	6,000		
5	10 PPM	BTEX		10,000	10,000	10,000	20,000	10,000	60,000		
6	AIR BLANK			2	3	16	29	ND	50		
7	CB-005 PZ	3,5-5,0	10	2	2	2	ND	ND	6		
8	CB-005 PZ	8,5-10,0	10	1	ND	ND	ND	ND	1		
9	CB-005 PZ	13,5-15,0	10	ND	1	ND	ND	ND	1		
10	CB-005 PZ	18,5-20,0	10	ND	ND	ND	ND	ND	ND		
11	CB-005 PZ	23,5-24,5	10	ND	ND	ND	ND	ND	ND		
12	100 PPB	BTEX		100	90	84	171	80	525		
13	AIR BLANK			ND	ND	ND	ND	ND	ND		

J. Byrd Jr

Calibration Information		Analytes								
		Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time	60.0	122.2	254.4	273.6	321.3				
	Response	188.5	92.6	50.6	35.9	5.5				
1 ppm	Retention Time	60.5	122.4	256.0	275.2	323.2				
	Response	1913	1242	748.6	434.5	87.6				
10 ppm	Retention Time	60.9	123.2	255.4	274.4	321.3				
	Response	14260	13558	8942	5979	1042				

OPERATOR: J Byrd Jr

DATE: 15 Nov 94

FIELD GC DATA SUMMARY

SITE: Cross Bay ANGS
GAIN: 1,000
CARRIER GAS FLOW: 13 µl/min

INJECTION VOLUME: 100 µl
GC OVEN TEMP: 40°C
ANALYSIS TIME: 430 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes: TOTAL BTEX		
1	100 PPB	BTEX	X	100	100	100	200	100	600	X	X
2	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000	X	X
3	10 PPM	BTEX	X	10,000	10,000	10,000	20,000	10,000	60,000	X	X
4	AIR BLANK	X	X	2	4	18	31	ND	55	X	X
5	MSS-004 BH	8.5-9.5	10	1	2	4	5	ND	12		
6	SF-003 BH	1.0-2.0	10	1	2	2	ND	ND	5		
7	SF-001 BH	4.5-5.5	10	ND	1	ND	ND	ND	1		
8	TS-002 BH	1.0-2.0	10	ND	1	ND	ND	ND	1		
9	A40-002 BH	4.5	10	ND	ND	ND	ND	ND	ND		
10	100 PPB	BTEX	X	84	95	92	186	88	545	X	X
	Recalibration	X	X	100	100	100	200	100	600	X	X
11	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
12	SF-002 BH	1.0-2.0	10	ND	ND	ND	ND	ND	ND		
13	TS-002 BH	4.0-5.0	10	ND	ND	ND	ND	ND	ND		
14	A40-002 BH	1.0-2.0	10	ND	ND	ND	ND	ND	ND		
15	TS-003 BH	8.0-9.0	10	ND	ND	ND	ND	ND	ND		
16	MSS-004 BH	1.0-2.0	10	ND	ND	ND	ND	ND	ND		
17	100 PPB	BTEX	X	90	83	79	144	71	467	X	X
	Recalibrate	X	X	100	100	100	200	100	600	X	X
18	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X

Done for DAY

Calibration Information		Analytes: Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time	59.0	120.4	250.4	269.3	315.4				
	Response	186.8	69.3	38.6	27.3	4.6				
1 ppm	Retention Time	59.7	121.0	252.0	271.2	318.4				
	Response	1953	1380	1032	612.8	146.6				
10 ppm	Retention Time	60.0	121.4	252.8	272.0	318.9				
	Response	12608	11086	7589	5120	1077				

OPERATOR: J Byrd Jr

DATE: 17 Nov 94

FIELD GC DATA SUMMARY

SITE: Coos Bay ANGS
GAIN: 1,000
CARRIER GAS FLOW: 13 ml/min

INJECTION VOLUME: 100 µl
GC OVEN TEMP: 40°C
ANALYSIS TIME: ~~#~~ 430 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes: TOTAL BTEX		
1	100 PPB	BTEX	X	100	100	100	200	100	600	X	X
2	1 PPM	BTEX	X	1,000	1,000	1,000	2,000	1,000	6,000	X	X
3	10 PPM	BTEX	X	10,000	10,000	10,000	20,000	10,000	60,000	X	X
4	AIR BLANK	X	X	7	41	95	208	97	448	X	X
5	SF-001 BH	1.0-2.0	10	1	3	6	ND	ND	10		
6	SF-003 BH	5.5-6.5	10	1	2	3	ND	ND	6		
7	TS-002 BH	8.0-9.0	10	1	2	2	ND	ND	5		
8	A40-003BH	1.0-2.0	10	1	2	2	ND	ND	5		
9	SF-002 BH	5.0-6.0	10	ND	1	ND	ND	ND	1		
10	100 PPB	BTEX	X	115	122	119	249	108	713	X	X
	① Recalibration	X	X	100	100	100	200	100	600	X	X
11	AIR BLANK	X	X	1	1	ND	ND	ND	2	X	X
12	TS-003 BH	1.0-2.0	10	ND	ND	ND	ND	ND	ND		
13	MSS-004 BH	4.0-5.0	10	ND	ND	ND	ND	ND	ND		
14	A40-003 BH	7.0-8.0	10	ND	ND	ND	ND	ND	ND		
15	A40-002 BH	8.5-9.5	10	ND	ND	ND	ND	ND	ND		
16	A40-003 BH	4.0-5.0	10	ND	ND	ND	ND	ND	ND		
17	100 PPB	BTEX	X	99	107	104	208	95	613	X	X
18	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
19	TS-003 BH	4.5-5.5	10	ND	ND	ND	ND	ND	ND		

RECAL① 59.6 120.6 250.1 268.5 314.9

Calibration Information		Analytes: Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time	58.1	118.1	246.4	264.2	309.6				
	Response	146.5	52.0	24.3	14.2	2.4				
1 ppm	Retention Time	58.8	118.6	248.0	266.4	313.0				
	Response	1827	1091	648	373	90.7				
10 ppm	Retention Time	59.1	119.6	248.5	266.6	312.5				
	Response	11833	7935	4651	2986	634.8				

OPERATOR: JByrd Jr

DATE: 18 Nov 94

FIELD GC DATA SUMMARY

SITE: Coos Bay ANGS
GAIN: 1,000
CARRIER GAS FLOW: 13 ml/min

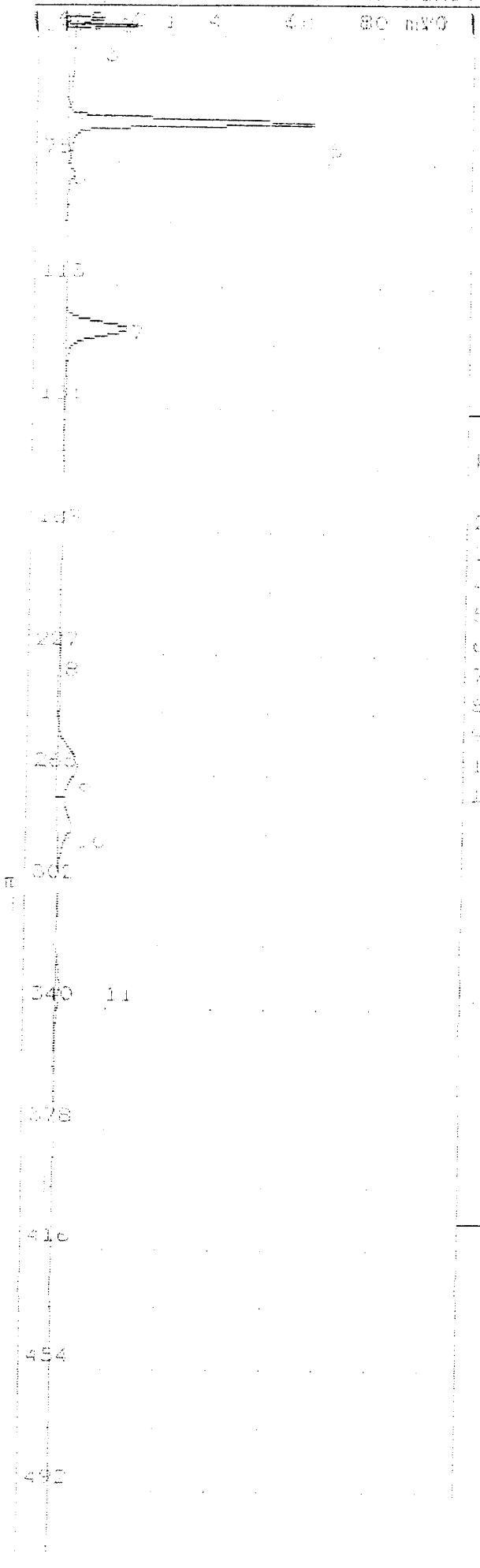
INJECTION VOLUME: 100 µl
GC OVEN TEMP: 40°C
ANALYSIS TIME: 430 sec

Analysis No.	Boring	Sample Interval (ft. BLS)	Sample Mass (grams)	Concentrations (ppb)							
				Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	Additional Analytes: TOTAL BTEX		
20	CB-001PZ	WATER	10ml	ND	ND	ND	ND	ND	ND		
21	CB-002PZ	water	10ml	ND	ND	ND	ND	ND	ND		
22	CB-004PZ	water	10ml	ND	ND	ND	ND	ND	ND		
23	100 PPB	BTEX	X	91	93	83	153	78	493	X	X
	RECALIBRATION	X	X	100	100	100	200	100	600	X	X
24	AIR BLANK	X	X	ND	ND	ND	ND	ND	ND	X	X
25	CB-003PZ	water	10ml	ND	ND	ND	ND	ND	ND		
26	CB-005PZ	water	10ml	ND	ND	ND	ND	ND	ND		
27	100 PPB	BTEX	X	150	101	69	116	ND	436		

Calibration Information		Analytes: Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene				
0.1 ppm	Retention Time	60.0	121.7	252.2	270.6	316.5				
	Response	157.9	71.7	31.4	18.3	2.6				
1 ppm	Retention Time									
	Response									
10 ppm	Retention Time									
	Response									

OPERATOR: JByrd Jr

DATE: 18 Nov 94



Sample Offset	0.584	mV
Slope Down	1.500	mV/sec
Min Area	0.000	mV*sec
Min Height	0.000	mV
Analysis Delay	0.0	sec
Minimum Percent	20.0	%
Det Flow	42	ml/min
H/F Flow	30	ml/min
Aux Flow	0	ml/min
Oven Temp	40	C
Amb Temp	0c	C
Max Gain	1000	
Analysis Time	30.0	sec

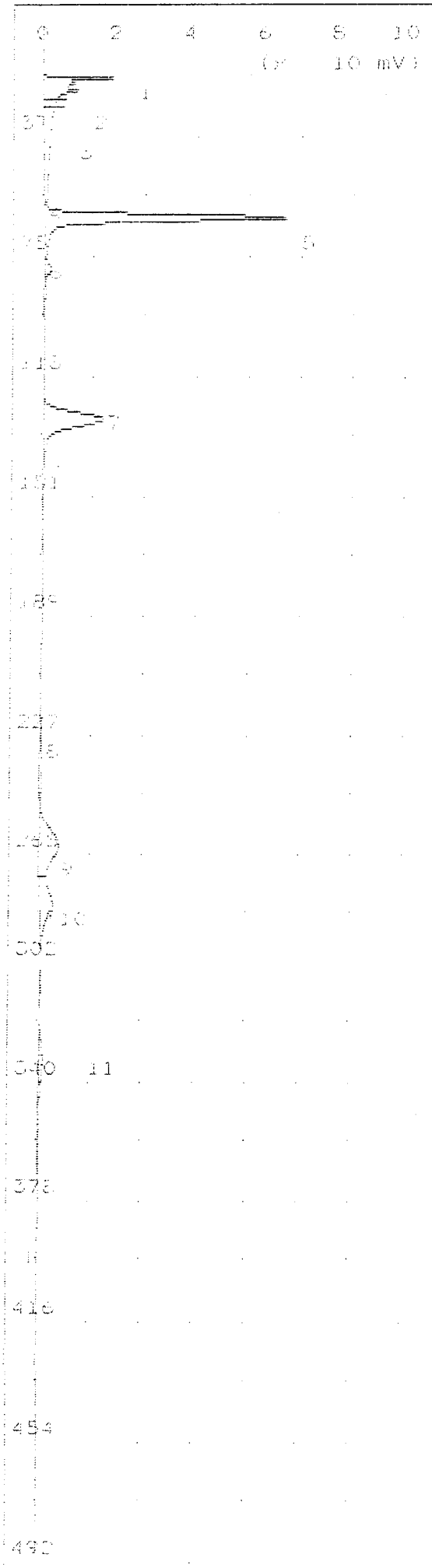
Peak Reports

Pk	Compound Name	Area/Conc	R.T.
2	Unknown	15.84 mVS	13.5
3	Unknown	80.36 mVS	20.7
4	Unknown	0.004 mVS	50.8
5	Unknown	180.0 mVS	60.6
6	Unknown	8.923 mVS	76.9
7	Unknown	95.70 mVS	104.5
9	Unknown	4.084 mVS	209.6
9	Unknown	64.59 mVS	259.4
10	Unknown	97.83 mVS	279.4
11	Unknown	20.46 mVS	331.2

Notes

Joe Byrd, Jr.
Coos Bay AGS
8 Nov 1994
100 ppb BTEX

Analysis #1 1084 GC Function Analysis Report



Time Printed: Nov 8,94 10:25
Sample Time: Nov 8,94 10:07

Method

Slope Up	0.500	mV/sec
Slope Down	1.500	mV/sec
Min Area	0.000	mVSec
Min Height	0.000	mV
Analysis Delay	0.0	sec
Window Percent	20.0	%
Det Flow	12	ml/min
B/F Flow	12	ml/min
Aux Flow	0	ml/min
Oven Temp	40	C
Amb Temp	25	C
Max Gain	1000	
Analysis Time	530.0	sec

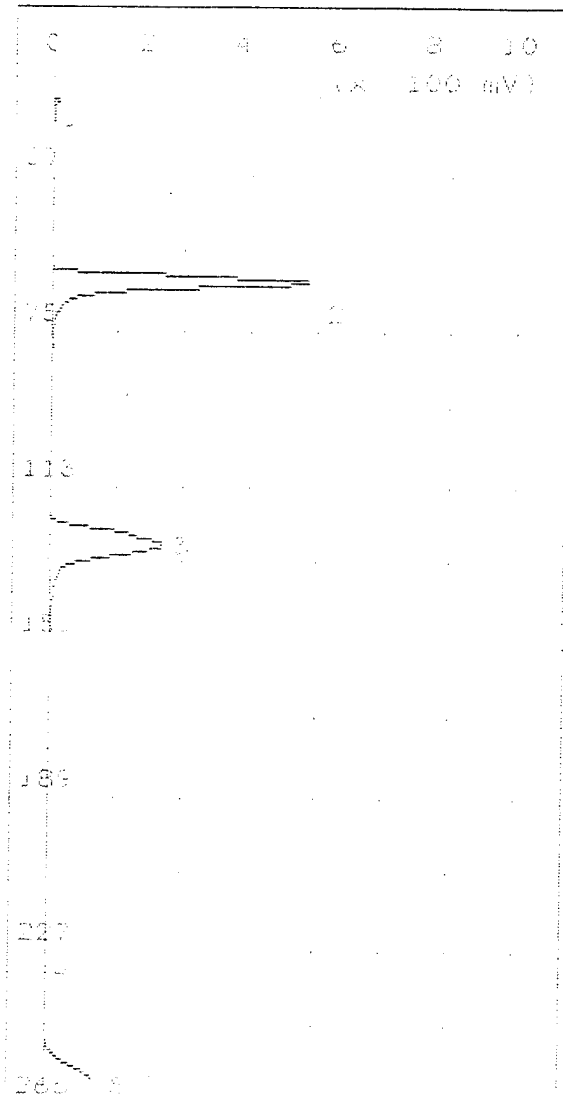
Peak Data

Pk	Compound Name	Area/Conc		R.T.
1	Unknown	21.77	mVS	16.7
2	Unknown	15.84	mVS	18.3
3	Unknown	80.36	mVS	20.7
4	Unknown	0.034	mVS	53.8
5	Benzene	100.0	ppb	60.8
6	Unknown	8.923	mVS	76.9
7	Toluene	100.0	ppb	124.5
8	Unknown	4.684	mVS	224.6
9	Ethylbennzene	100.0	ppb	239.4
10	m,p-Xylene	200.0	ppb	279.4
11	o-Xylene	100.0	ppb	331.2

Notes

Joe Byrd, Jr.
Coos Bay ACS
8 Nov 1994
100 ppb BTEX

Analysis #2 105m GC Function Analysis Report



Time Printed:	Nov 8,94	10:38
Sample Time:	Nov 8,94	10:25

Method

Slope Up	0.500	mV/Sec
Slope Down	1.500	mV/Sec
Min Area	0.000	mVSec
Min Height	0.000	mV
Analysis Delay	0.0	sec
Window Percent	20.0	%
Det Flow	12	ml/min
B/F Flow	12	ml/min
Aux Flow	0	ml/min
Oven Temp	40	C
Amb Temp	27	C
Max Gain	1000	
Analysis Time	540.0	sec

Peak Report

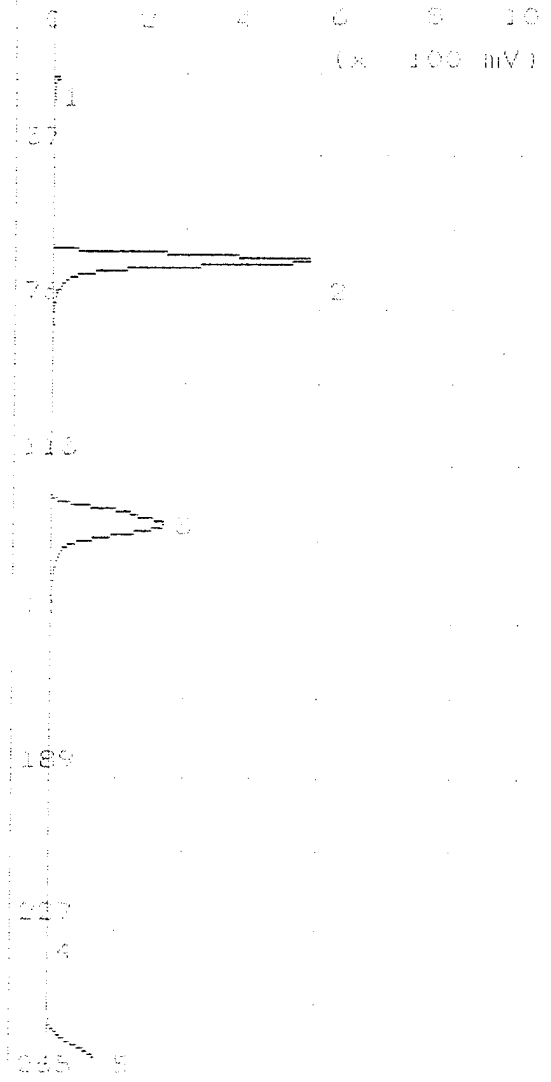
PK	Compound Name	Area/Conc.		R.T.
1	Unknown	68.87	mVS	10.7
2	Benzene	1.092	ppm	81.9
3	Toluene	1.814	ppm	125.2
4	Unknown	3.568	mVS	229.8
5	Ethylbenzene	2.316	ppm	257.0
6	m,p-Xylene	4.041	ppm	278.4
7	o-Xylene	2.677	ppm	331.2



Notes:

Coos Bay ANGS
6 Nov 1994
1 ppm BTEX

Analysis #1 105+ QC Function Analysis Report



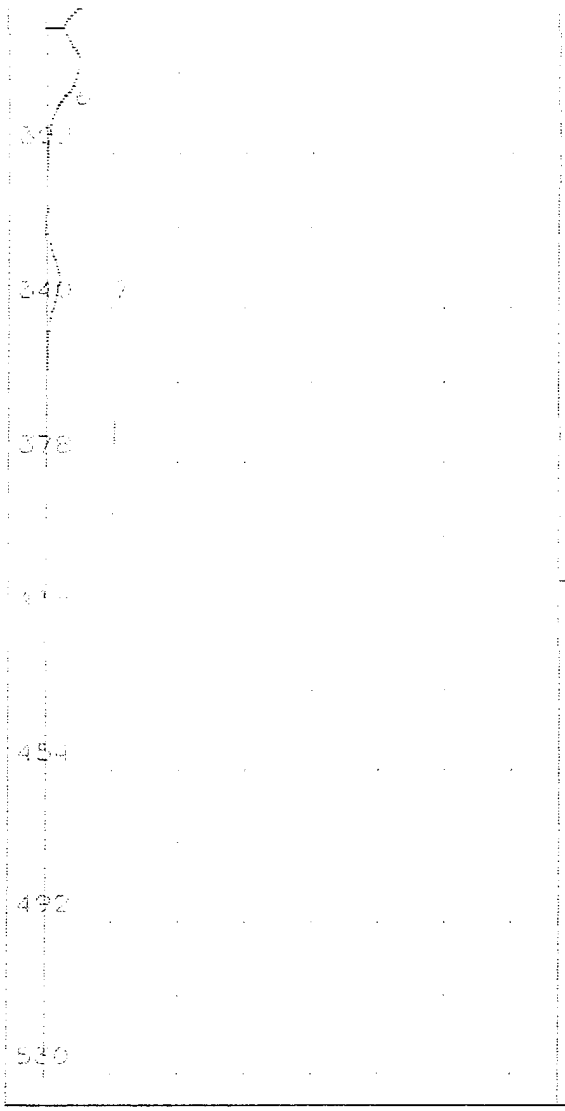
Time Printed:	Nov 8,94	10:49
Sample Time:	Nov 8,94	10:29

Method

Slope Up	0.500	mV/Sec
Slope Down	1.500	mV/Sec
Min Area	0.000	mVSec
Min Height	0.000	mV
Analysis Delay	0.0	sec
Window Percent	10.0	%
Det Flow	12	ml/min
B/F Flow	12	ml/min
Aux Flow	0	ml/min
Oven Temp	40	C
Amb Temp	27	C
Max Gain	1000	
[illegible]	[illegible]	

Peak Report

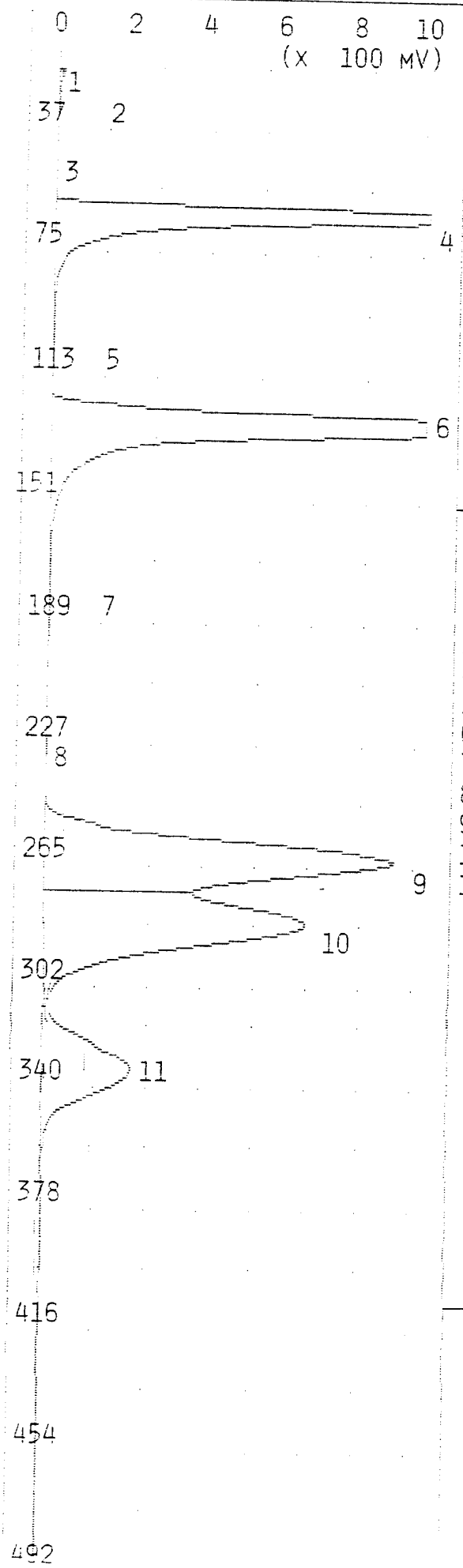
PK	Compound Name	Area/Conc		R.T.
1	Unknown	66.87	mVS	10.7
2	Benzene	1.000	ppm	51.3
3	Toluene	1.000	ppm	125.2
4	Unknown	3.566	mVS	229.9
5	Ethylbenzene	1.000	ppm	257.0
6	m,p-Xylene	2.000	ppm	278.4
7	o-Xylene	1.000	ppm	301.2



Notes

Joe Byrd, Jr.
Coors Bav ANGS
8 Nov 1994
1 ppm BTEX

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 11:03
SAMPLE TIME: NOV 8,94 10:54

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	20.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

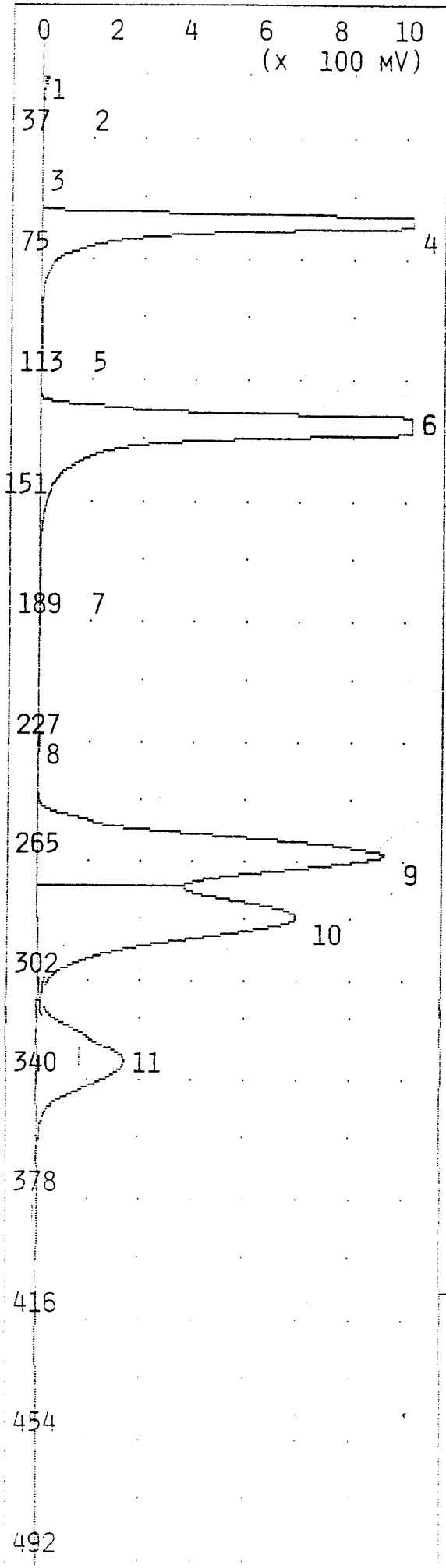
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	18.35 MVS	16.6
2	UNKNOWN	110.4 MVS	18.2
3	UNKNOWN	0.105 MVS	44.0
4	BENZENE	5.697 PPM	61.6
5	UNKNOWN	2.410 MVS	100.2
6	TOLUENE	7.829 PPM	125.2
7	UNKNOWN	1.672 MVS	178.8
8	UNKNOWN	5.605 MVS	224.6
9	ETHYLBENNZENE	8.347 PPM	260.2
10	M,P-XYLENE	19.18 PPM	280.2
11	O-XYLENE	8.447 PPM	332.5

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
10 PPM BTEX

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 11:09
SAMPLE TIME: NOV 8,94 10:54

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	20.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

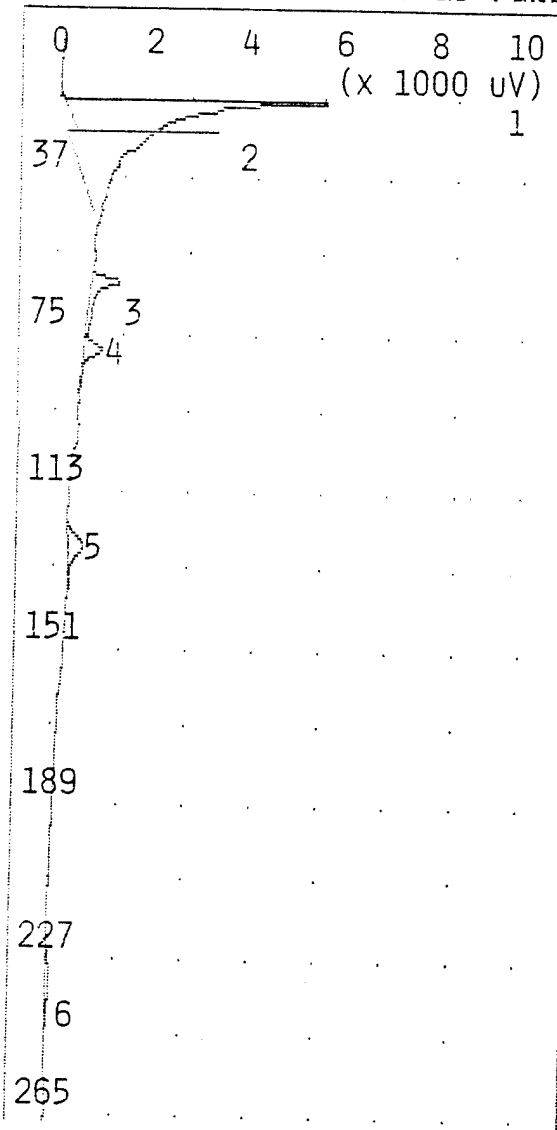
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	18.35	MVS	16.6
2	UNKNOWN	110.5	MVS	18.2
3	UNKNOWN	0.105	MVS	44.0
4	BENZENE	10.00	PPM	61.6
5	UNKNOWN	2.410	MVS	100.2
6	TOLUENE	10.00	PPM	125.2
7	UNKNOWN	1.672	MVS	178.8
8	UNKNOWN	5.605	MVS	224.6
9	ETHYLBENNZENE	10.00	PPM	260.2
10	M,P-XYLENE	20.00	PPM	280.2
11	O-XYLENE	10.00	PPM	332.5

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
10 PPM BTEX

ANALYSIS #4 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 11:23
SAMPLE TIME: NOV 8,94 11:14

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	20.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

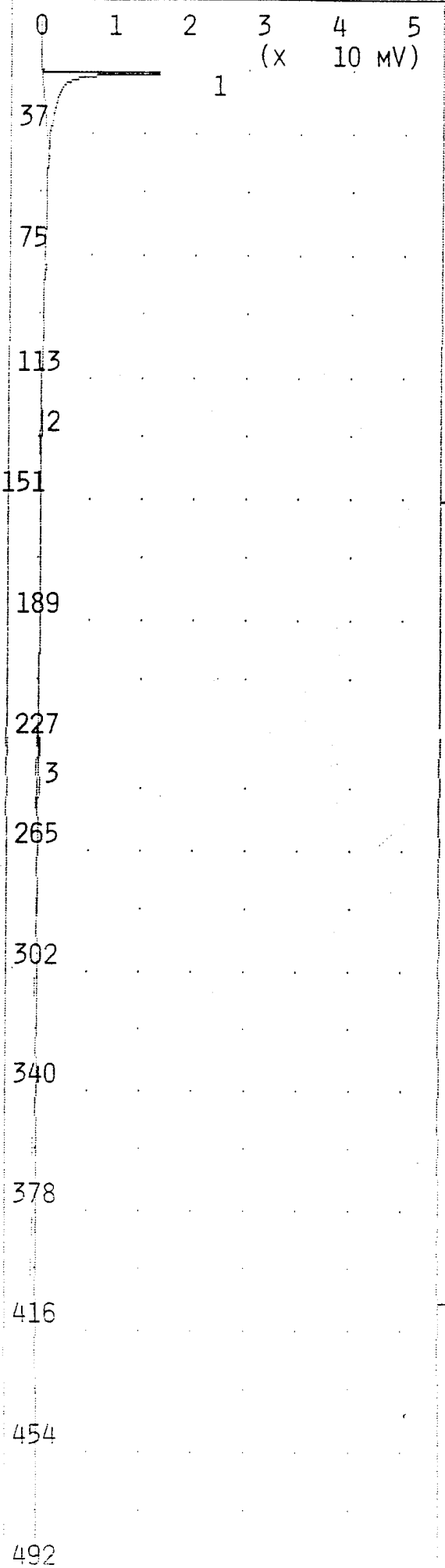
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.783 MVS	16.8
2	UNKNOWN	27.53 MVS	18.7
3	BENZENE	1.373 PPB	60.6
4	UNKNOWN	1.479 MVS	76.9
5	TOLUENE	2.072 PPB	124.6
6	ETHYLBENNZENE	1.800 PPB	231.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
AIR BLANK

ANALYSIS #5 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 13:25
SAMPLE TIME: Nov 8,94 13:16

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	20.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

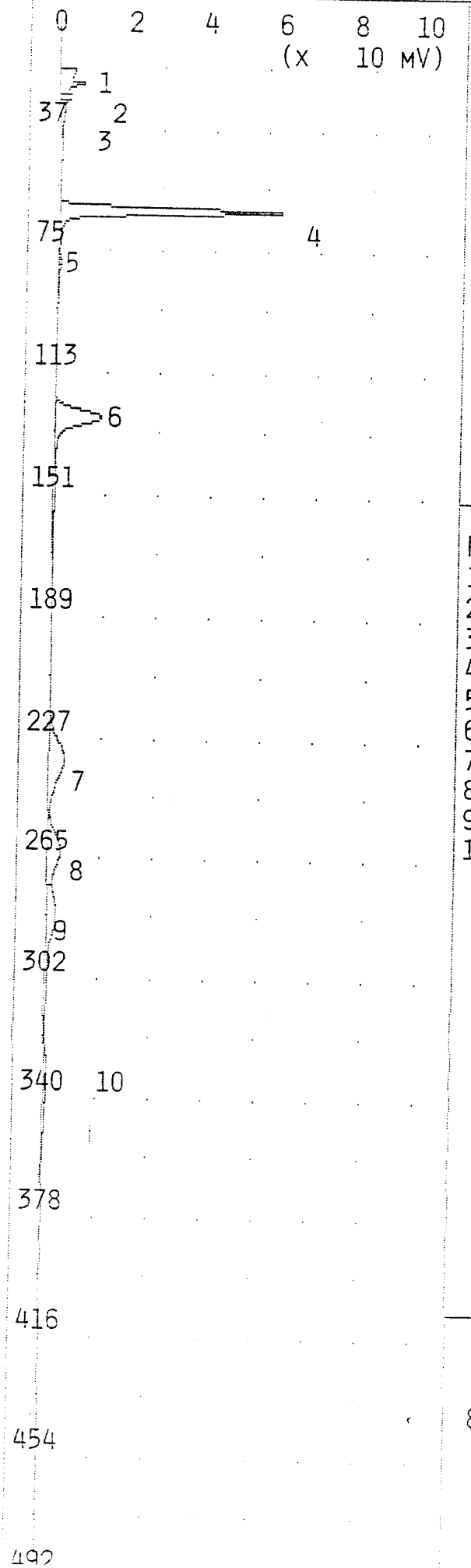
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	54.25	MVS	16.7
2	TOLUENE	1.137	PPB	124.6
3	ETHYLBENNZENE	2.910	PPB	231.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
A40-001BH 1.0'-2.5'

ANALYSIS #6 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 13:39
SAMPLE TIME: NOV 8,94 13:30

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	20.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

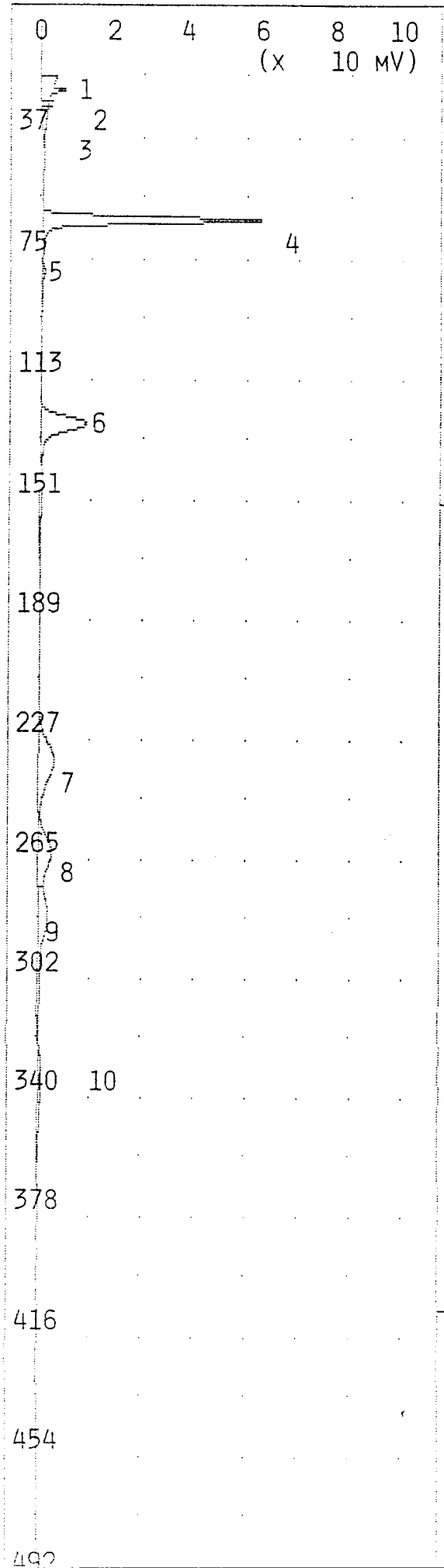
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.217 MVS	16.8
2	UNKNOWN	5.924 MVS	18.5
3	UNKNOWN	27.66 MVS	20.8
4	BENZENE	83.21 PPB	61.0
5	UNKNOWN	1.847 MVS	77.2
6	TOLUENE	76.91 PPB	124.8
7	UNKNOWN	61.98 MVS	231.4
8	ETHYLBENNZENE	72.57 PPB	260.2
9	M,P-XYLENE	138.9 PPB	280.2
10	O-XYLENE	73.64 PPB	332.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
100 PPB BTEX

ANALYSIS #6 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 13:44
SAMPLE TIME: NOV 8,94 13:30

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	20.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

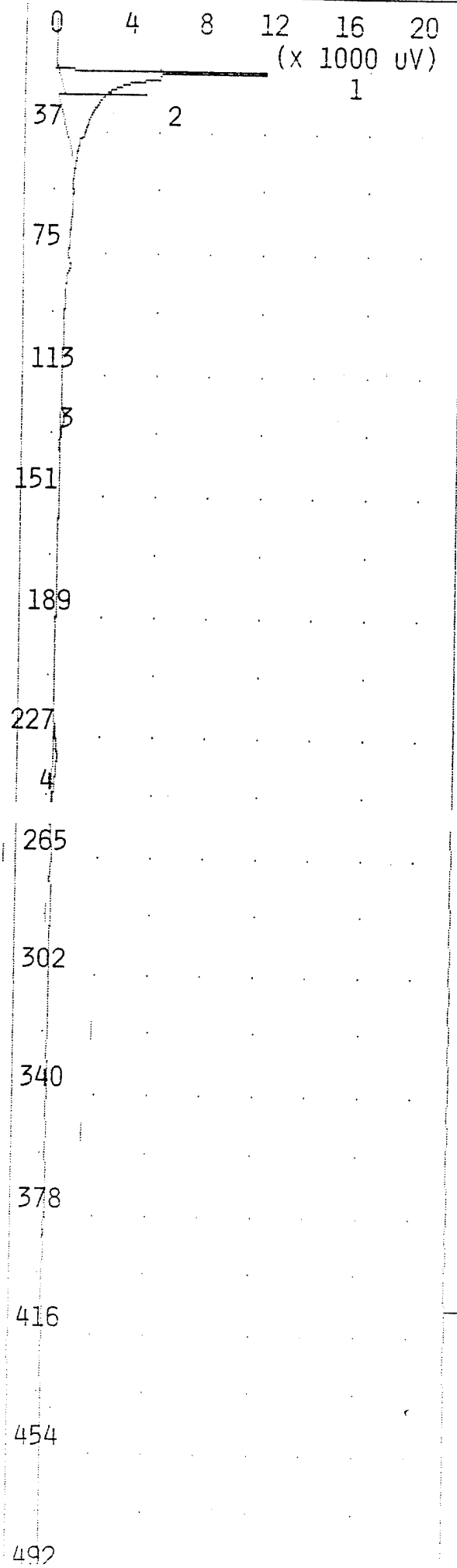
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.217 MVS	16.8
2	UNKNOWN	5.924 MVS	18.5
3	UNKNOWN	27.66 MVS	20.8
4	BENZENE	100.0 PPB	61.0
5	UNKNOWN	1.847 MVS	77.2
6	TOLUENE	100.0 PPB	124.8
7	UNKNOWN	61.98 MVS	231.4
8	ETHYLBENNZENE	100.0 PPB	260.2
9	M,P-XYLENE	200.0 PPB	280.2
10	O-XYLENE	99.99 PPB	332.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
100 PPB BTEX

ANALYSIS #7 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 13:59
SAMPLE TIME: Nov 8,94 13:50

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	20.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

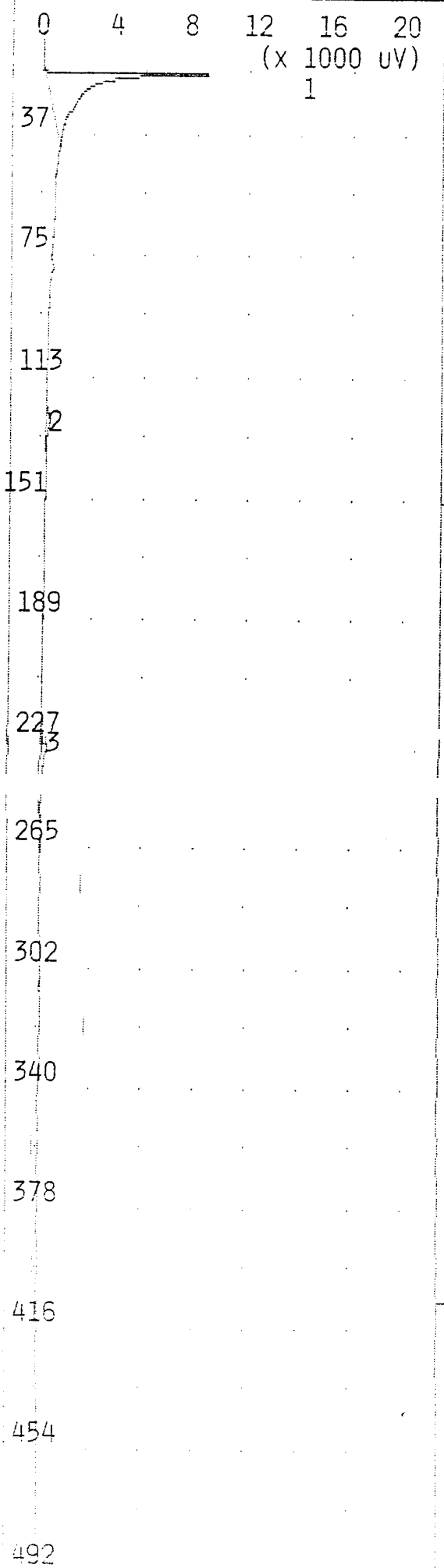
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	13.38	MVS	16.6
2	UNKNOWN	41.11	MVS	18.4
3	TOLUENE	1.437	PPB	124.8
4	ETHYLBENNZENE	5.793	PPB	232.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
A40-001BH 4.5'-6.0'

ANALYSIS #8 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 14:13
SAMPLE TIME: NOV 8,94 14:04

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	20.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

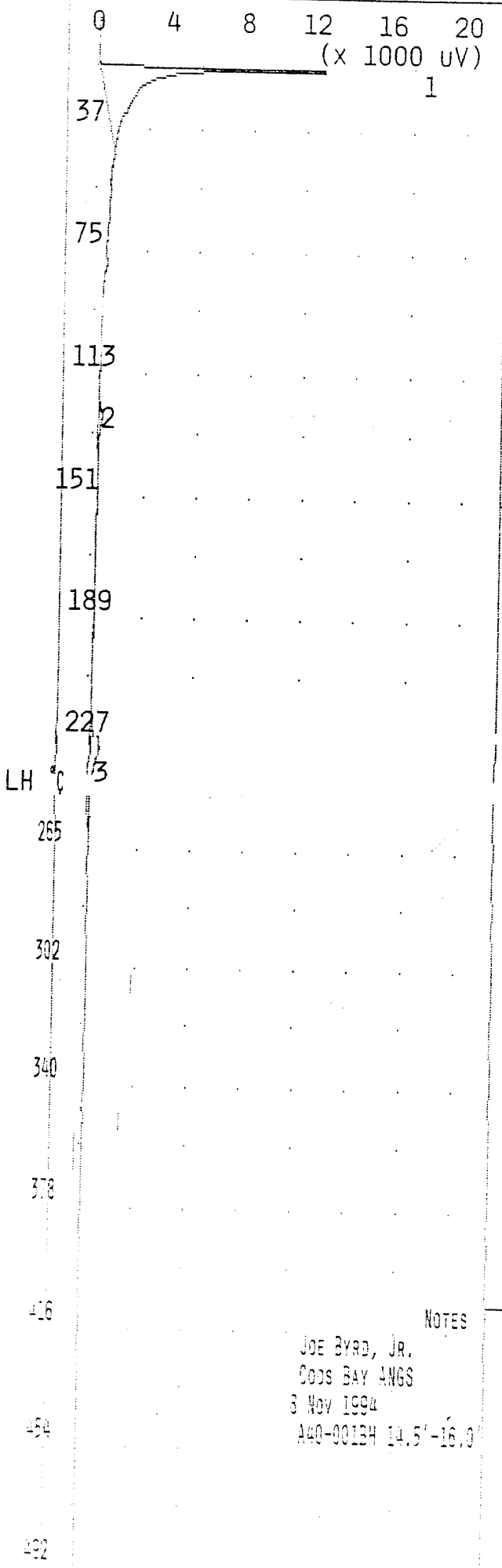
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	36.43	MVS	16.6
2	TOLUENE	1.527	PPB	124.5
3	ETHYLBENNZENE	7.958	PPB	230.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
A40-001BH 9.0'-10.0'

ANALYSIS #9 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 14:26
SAMPLE TIME: Nov 8,94 14:17

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	20.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

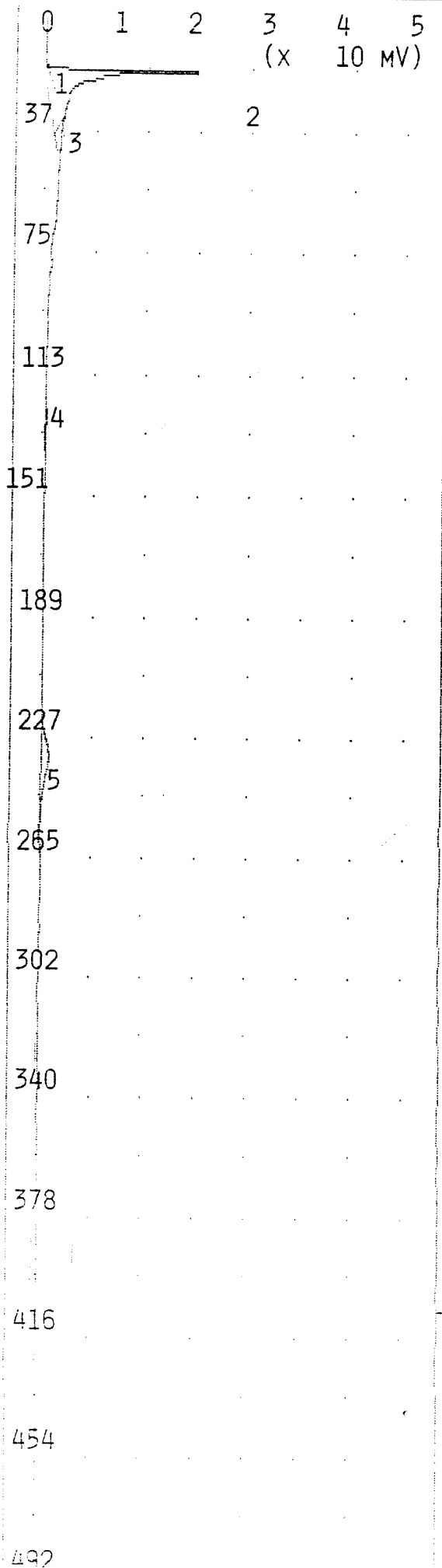
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	46.18	MVS	16.6
2	TOLUENE	1.561	PPB	124.2
3	ETHYLBENNZENE	13.99	PPB	230.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
3 NOV 1994
A40-0013H 14.5'-16.0'

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 14:47
SAMPLE TIME: NOV 8,94 14:38

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

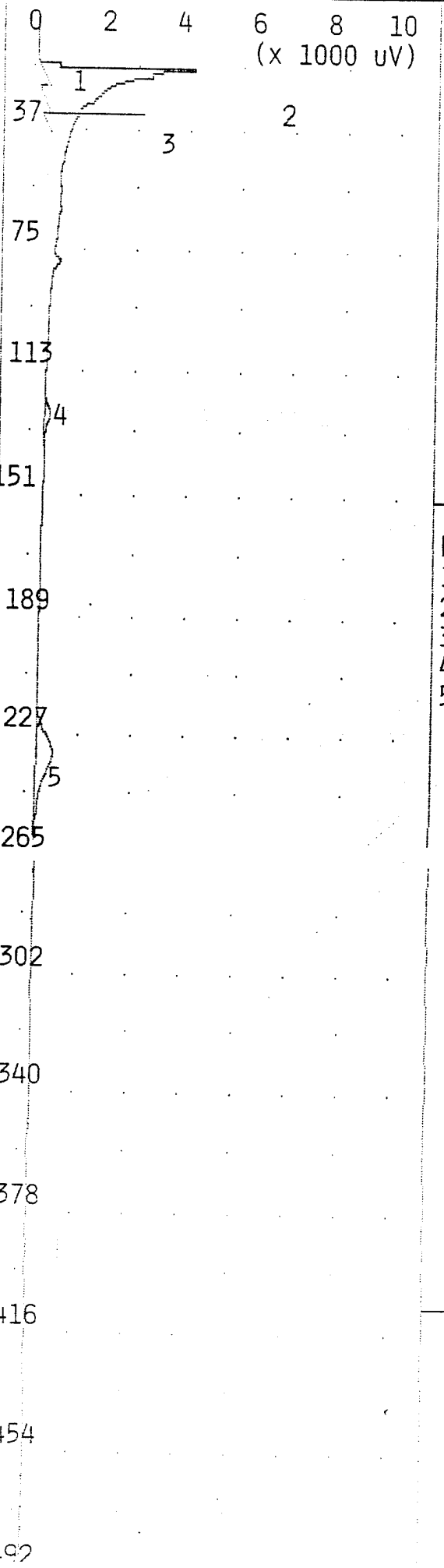
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.223 MVS	15.5
2	UNKNOWN	73.07 MVS	16.6
3	UNKNOWN	0.064 MVS	30.8
4	TOLUENE	1.626 PPB	124.1
5	UNKNOWN	15.74 MVS	231.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 NOV 1994
A40-001BH 18.5'-19.5'

ANALYSIS #11 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 15:01
SAMPLE TIME: Nov 8,94 14:52

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

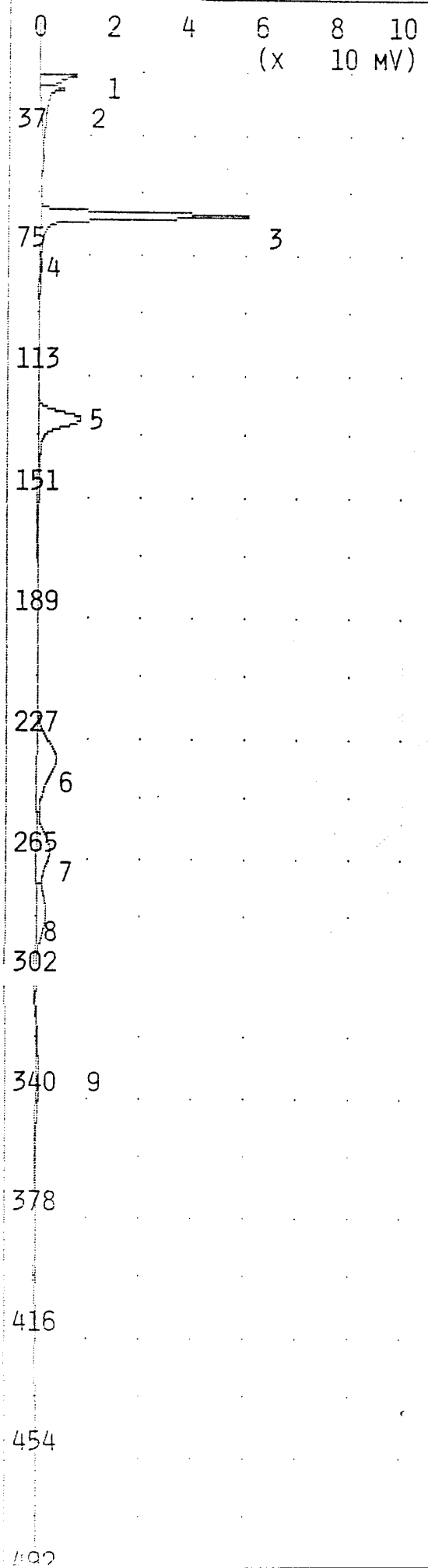
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.574 MVS	15.2
2	UNKNOWN	6.698 MVS	16.8
3	UNKNOWN	20.07 MVS	18.9
4	TOLUENE	1.111 PPB	124.8
5	UNKNOWN	6.719 MVS	231.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
BAA-002BH 1.0'-2.5'

ANALYSIS #12 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 15:15
SAMPLE TIME: Nov 8,94 15:06

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

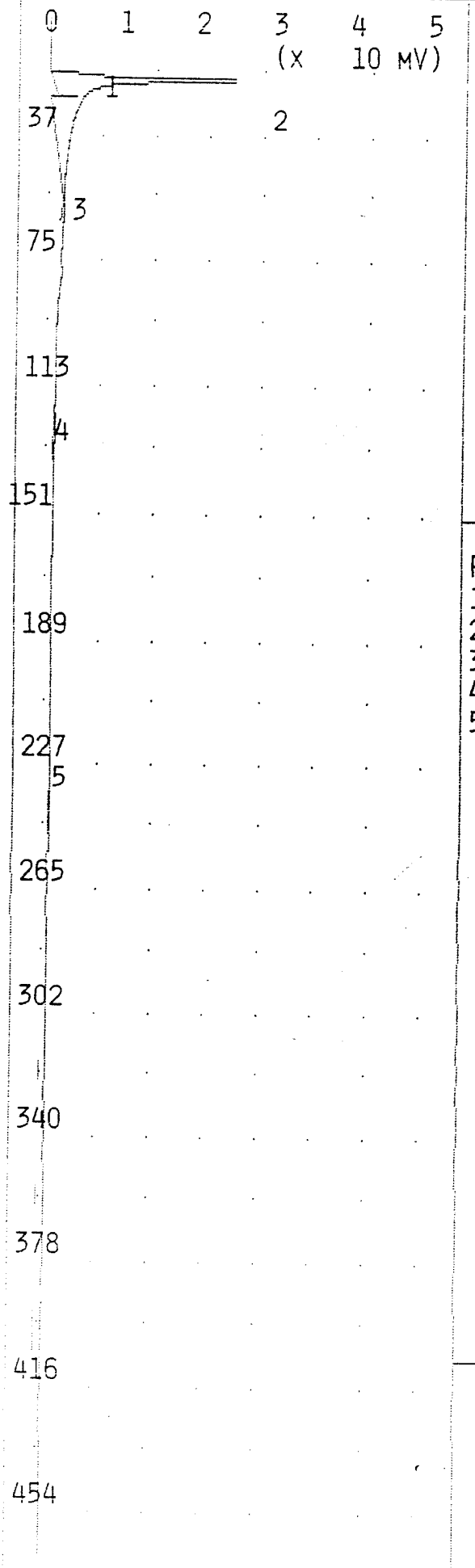
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	23.33	MVS	16.8
2	UNKNOWN	34.06	MVS	20.7
3	BENZENE	92.00	PPB	61.0
4	UNKNOWN	1.470	MVS	77.0
5	TOLUENE	99.16	PPB	124.5
6	UNKNOWN	78.70	MVS	231.0
7	ETHYLBENNZENE	100.8	PPB	259.7
8	M,P-XYLENE	204.8	PPB	279.2
9	O-XYLENE	101.9	PPB	331.7

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
100 PPB BTEX

ANALYSIS #13 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 15:28
SAMPLE TIME: NOV 8,94 15:19

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

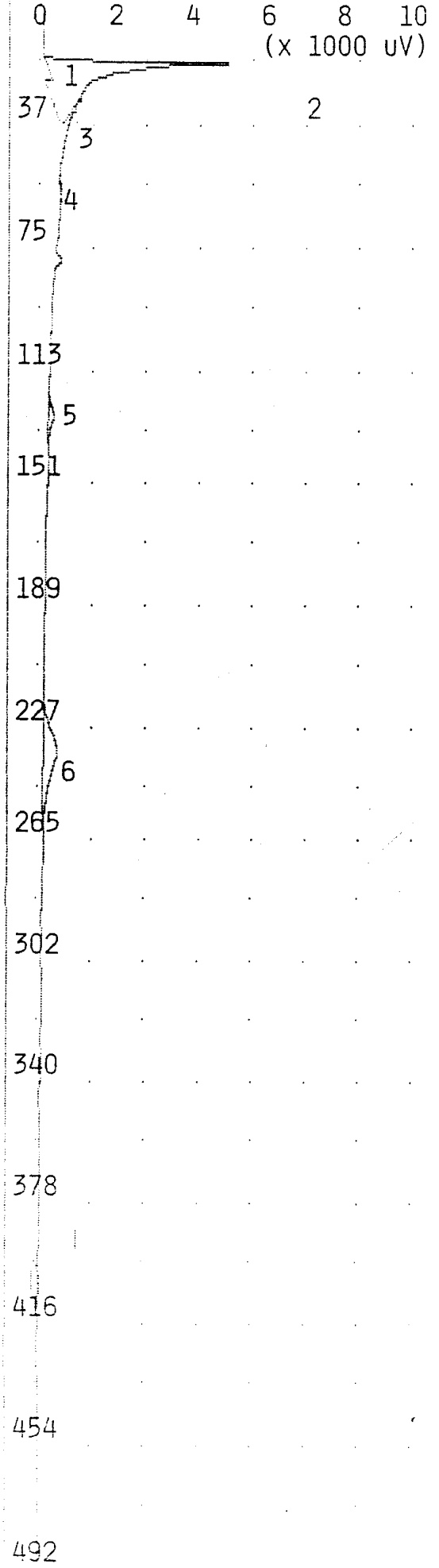
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	4.207	MVS	16.8
2	UNKNOWN	103.7	MVS	18.2
3	UNKNOWN	0.029	MVS	53.8
4	TOLUENE	1.101	PPB	124.9
5	UNKNOWN	1.048	MVS	230.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
AIR BLANK

ANALYSIS #14 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 15:43
SAMPLE TIME: NOV 8,94 15:35

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

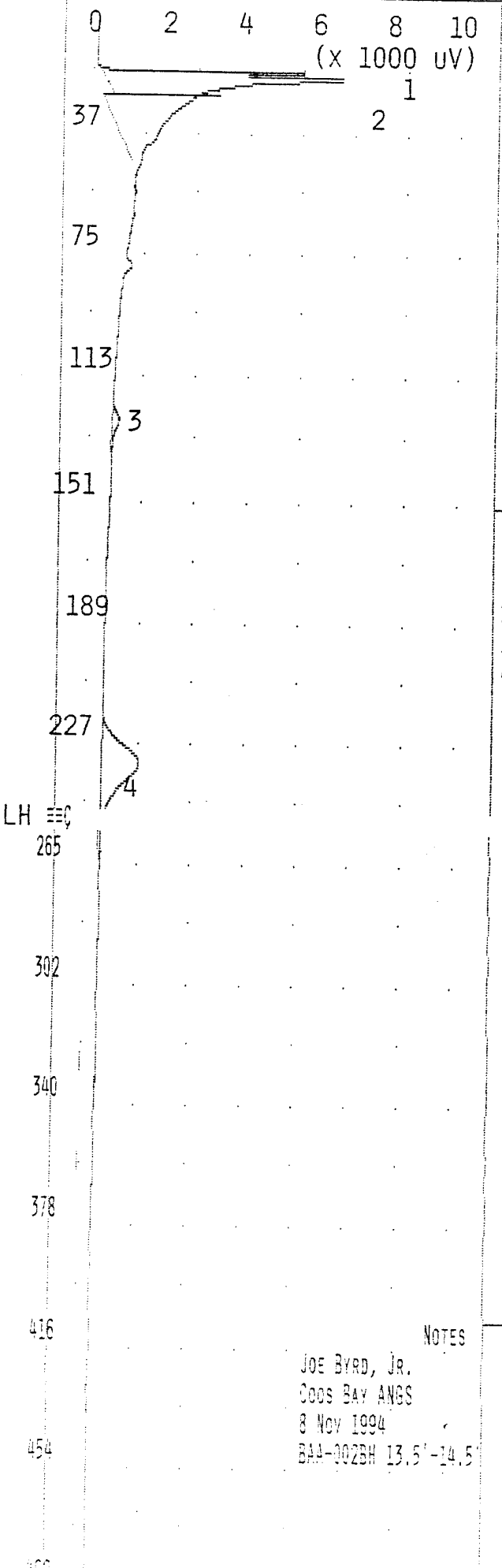
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	0.223	MVS	15.4
2	UNKNOWN	21.18	MVS	16.8
3	UNKNOWN	0.065	MVS	27.6
4	UNKNOWN	0.152	MVS	54.4
5	TOLUENE	1.015	PPB	124.5
6	UNKNOWN	5.850	MVS	231.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
BAA-002BH 4.5'-6.0'

ANALYSIS #15 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 15:57
SAMPLE TIME: Nov 8,94 15:48

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

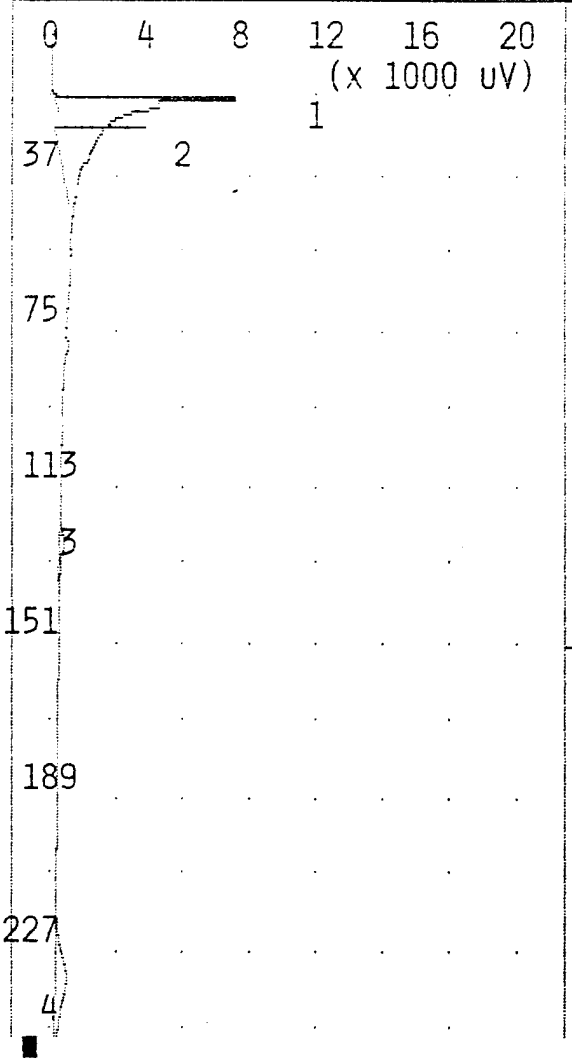
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.451 MVS	16.8
2	UNKNOWN	43.54 MVS	18.3
3	TOLUENE	1.219 PPB	124.1
4	UNKNOWN	15.02 MVS	231.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
BAA-002BH 13.5'-14.5'

ANALYSIS #16 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 16:10
SAMPLE TIME: Nov 8,94 16:02

METHOD

SLOPE UP	0.500	mV/SEC
SLOPE DOWN	1.500	mV/SEC
MIN AREA	0.000	mVSEC
MIN HEIGHT	0.000	mV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

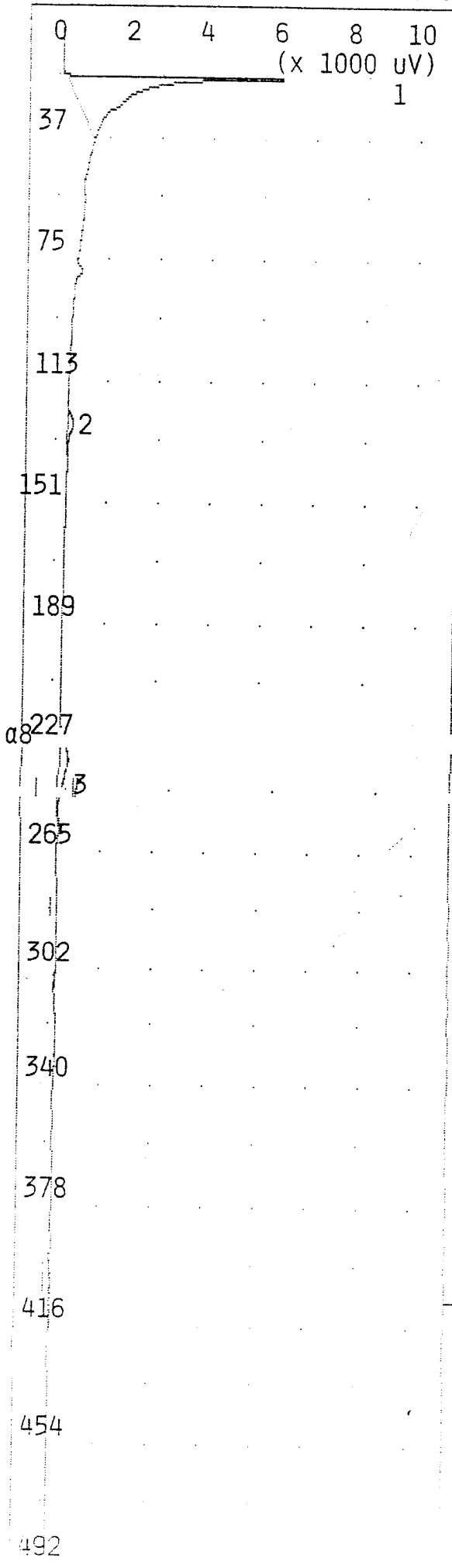
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.587 mVS	16.6
2	UNKNOWN	33.72 mVS	18.3
3	TOLUENE	1.484 PPB	124.8
4	UNKNOWN	6.573 mVS	231.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
BAA-002BH 18.5'-19.5'

ANALYSIS #17 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 16:24
SAMPLE TIME: NOV 8,94 16:15

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

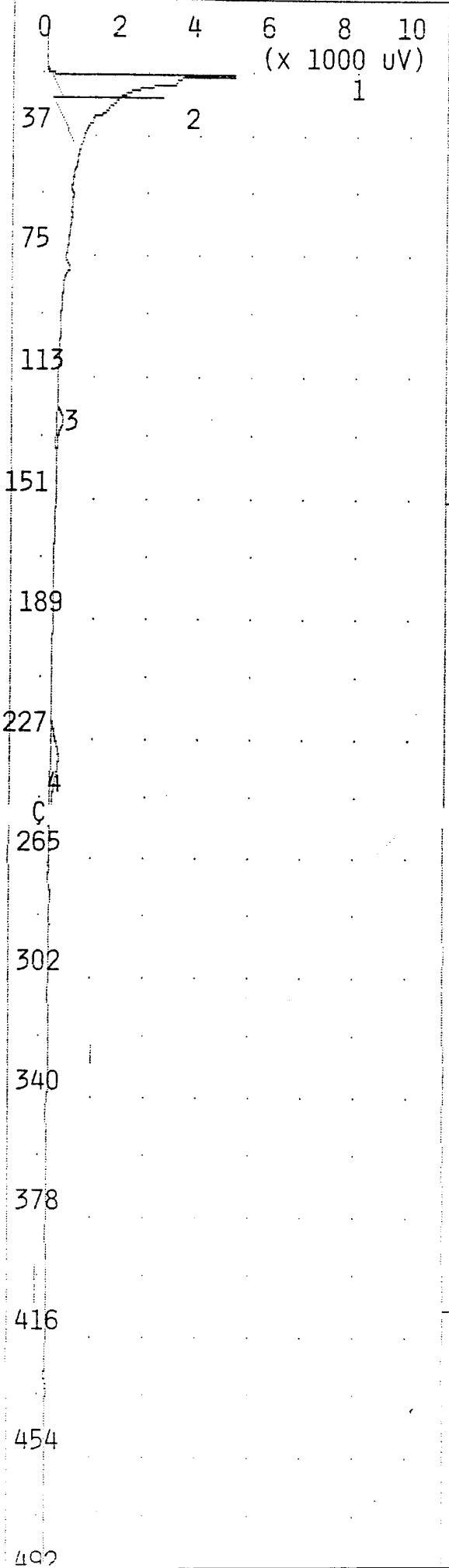
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	26.77 MVS	16.7
2	TOLUENE	1.153 PPB	125.2
3	UNKNOWN	3.581 MVS	231.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
BAA-001BH 1.0'-2.5'

ANALYSIS #18 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 16:37
SAMPLE TIME: NOV 8,94 16:28

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

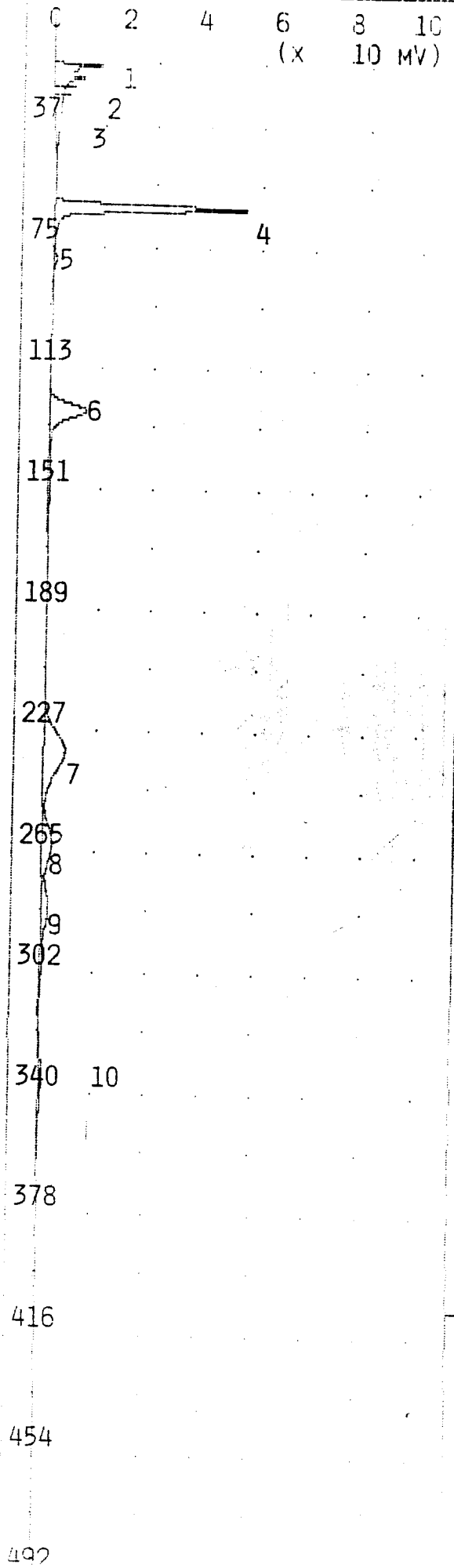
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.691 MVS	16.8
2	UNKNOWN	22.81 MVS	19.0
3	TOLUENE	1.279 PPB	125.0
4	UNKNOWN	2.922 MVS	230.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
BAA-001BH 4.5'-6.0'

ANALYSIS #19 IOS+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 16:51
SAMPLE TIME: NOV 8,94 16:42

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

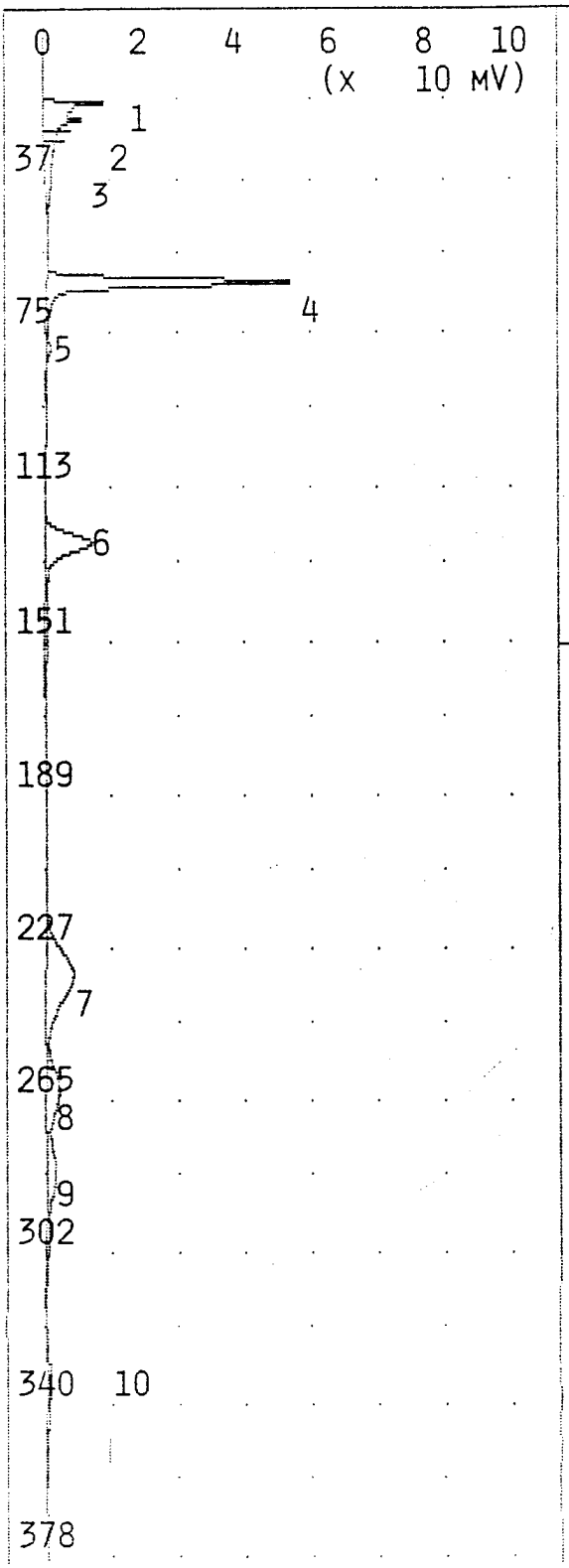
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	15.70	MVS	16.6
2	UNKNOWN	10.94	MVS	18.2
3	UNKNOWN	46.01	MVS	20.7
4	BENZENE	84.68	PPB	61.0
5	UNKNOWN	3.692	MVS	77.2
6	TOLUENE	78.93	PPB	124.6
7	UNKNOWN	84.93	MVS	231.0
8	ETHYLBENNZENE	74.63	PPB	260.0
9	M,P-XYLENE	145.8	PPB	280.0
10	O-XYLENE	74.49	PPB	332.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
100 PPB BTEX

ANALYSIS #19 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 16:57
SAMPLE TIME: NOV 8,94 16:42

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

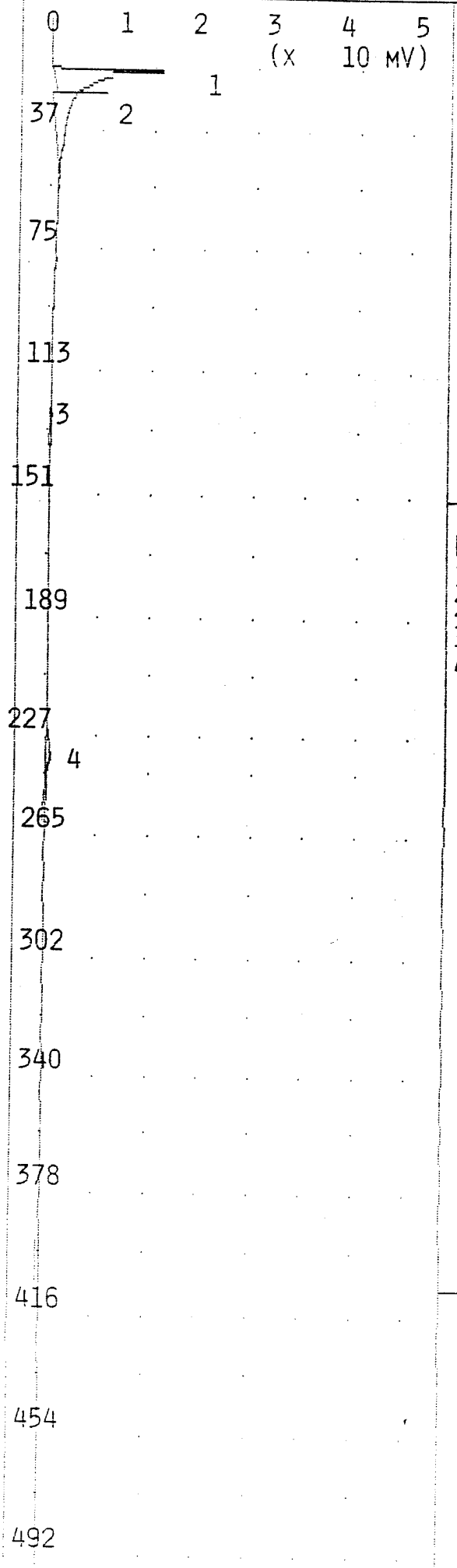
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	15.70 MVS	16.6
2	UNKNOWN	10.94 MVS	18.2
3	UNKNOWN	46.01 MVS	20.7
4	BENZENE	100.0 PPB	61.0
5	UNKNOWN	3.692 MVS	77.2
6	TOLUENE	100.0 PPB	124.6
7	UNKNOWN	84.93 MVS	231.0
8	ETHYLBENNZENE	100.0 PPB	260.0
9	M,P-XYLENE	200.0 PPB	280.0
10	O-XYLENE	100.0 PPB	332.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
100 PPB BTEX

ANALYSIS #20 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 17:12
SAMPLE TIME: Nov 8,94 17:03

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

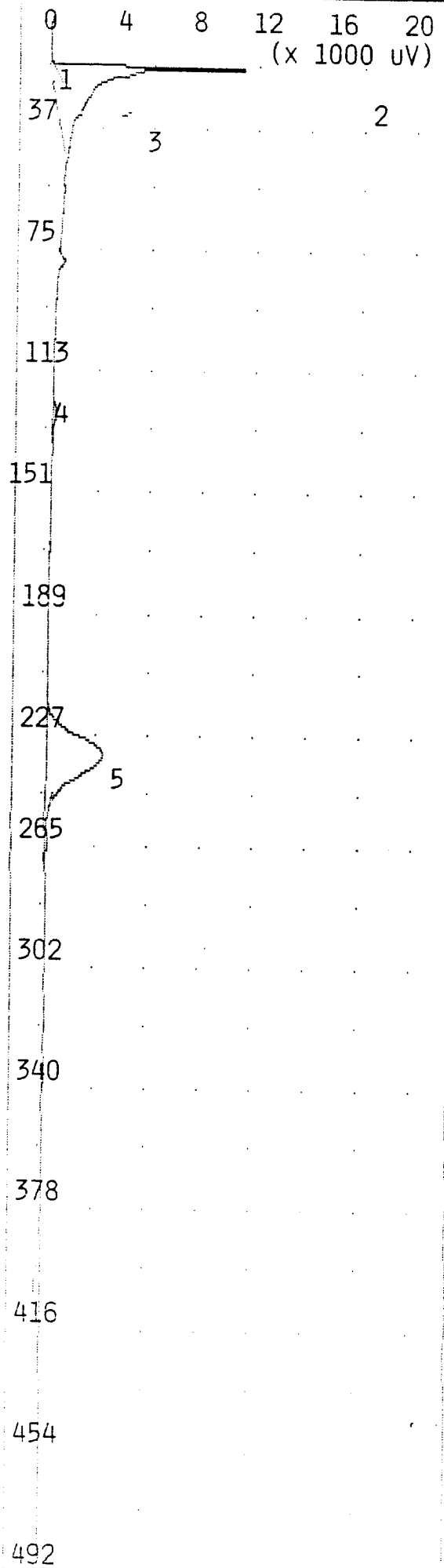
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	17.23 MVS	16.7
2	UNKNOWN	64.68 MVS	18.2
3	TOLUENE	1.548 PPB	124.6
4	UNKNOWN	7.956 MVS	231.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
BAA-001BH 14.5'-16.0'

ANALYSIS #21 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 17:25
SAMPLE TIME: NOV 8,94 17:16

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

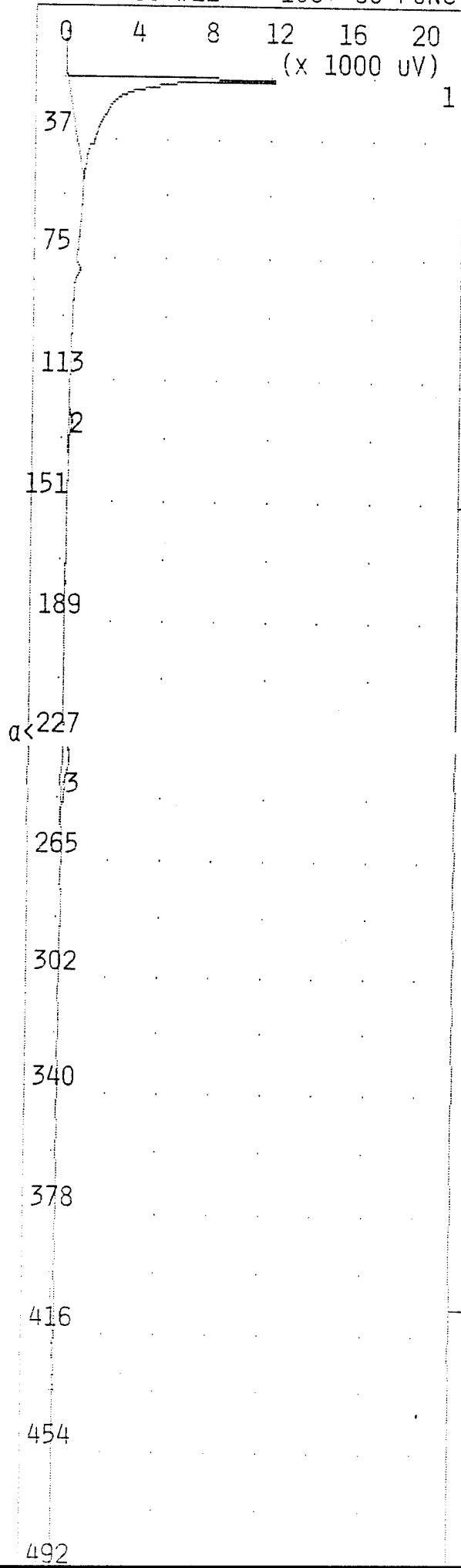
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.083 MVS	15.4
2	UNKNOWN	47.54 MVS	16.4
3	UNKNOWN	0.480 MVS	18.8
4	TOLUENE	1.881 PPB	124.2
5	UNKNOWN	45.62 MVS	230.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
BAA-001BH 18.5'-19.5'

ANALYSIS #22 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 17:40
SAMPLE TIME: NOV 8,94 17:31

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

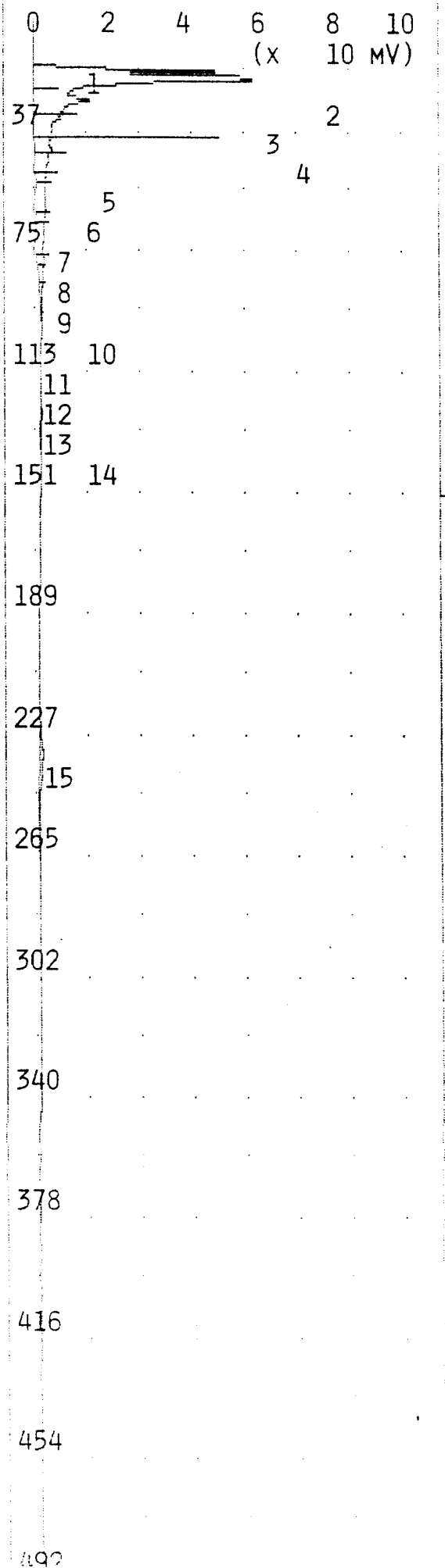
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	64.00 MVS	16.4
2	TOLUENE	1.727 PPB	124.4
3	UNKNOWN	5.616 MVS	231.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
BAA-003BH 4.5'-6.0'

ANALYSIS #23 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 17:52
SAMPLE TIME: NOV 8,94 17:43

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

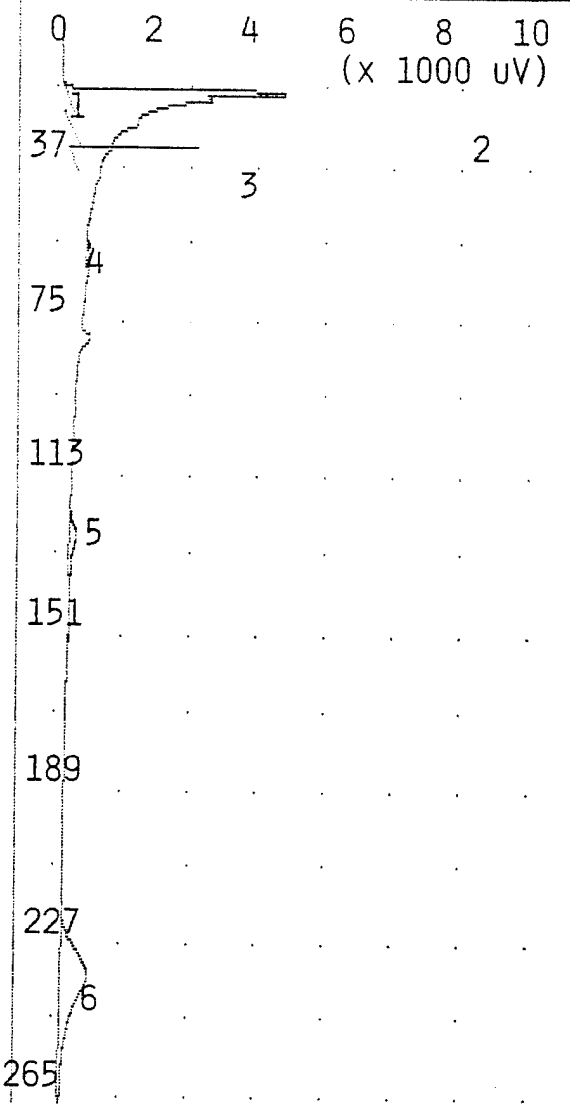
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	8.110	MVS	15.6
2	UNKNOWN	56.89	MVS	16.6
3	UNKNOWN	47.32	MVS	18.2
4	UNKNOWN	132.2	MVS	19.2
5	UNKNOWN	62.43	MVS	25.5
6	UNKNOWN	19.16	MVS	31.0
7	UNKNOWN	12.51	MVS	34.8
8	UNKNOWN	12.68	MVS	37.6
9	UNKNOWN	15.43	MVS	41.4
10	UNKNOWN	22.93	MVS	44.7
11	UNKNOWN	10.67	MVS	54.9
12	BENZENE	15.28	PPB	60.9
13	UNKNOWN	9.765	MVS	77.2
14	TOLUENE	2.704	PPB	124.0
15	UNKNOWN	12.31	MVS	230.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
BAA-003BH 8.5'-9.5'

ANALYSIS #24 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 18:06
SAMPLE TIME: NOV 8,94 17:57

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

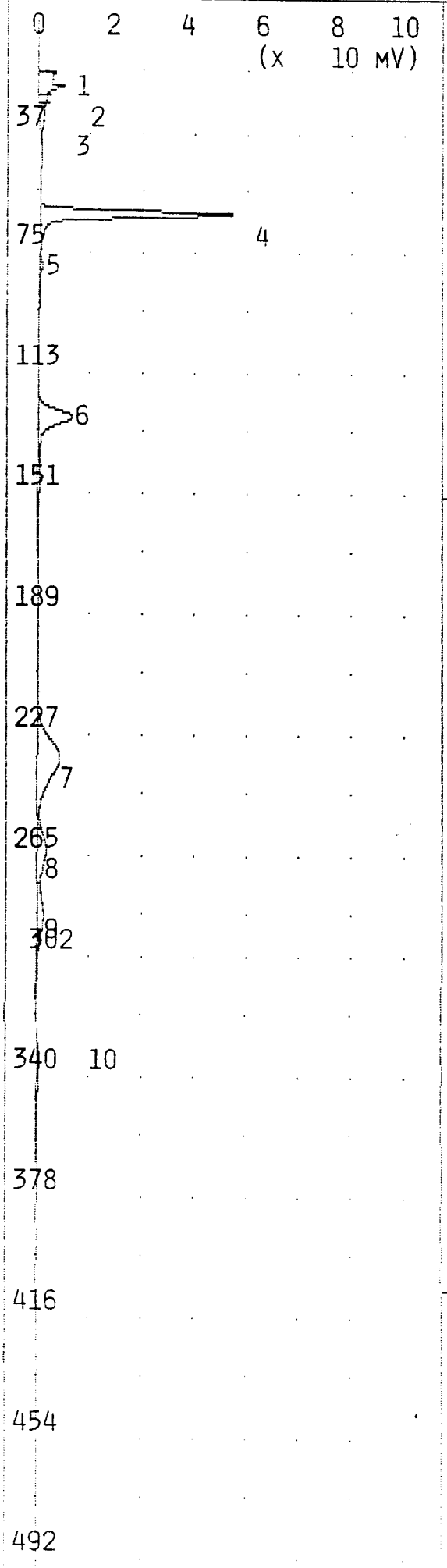
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.105 MVS	15.8
2	UNKNOWN	9.307 MVS	17.0
3	UNKNOWN	17.41 MVS	19.3
4	UNKNOWN	0.172 MVS	54.5
5	TOLUENE	1.372 PPB	125.3
6	UNKNOWN	9.612 MVS	232.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
BAA-003BH 13.5'-15.0'

ANALYSIS #25 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 18:20
SAMPLE TIME: NOV 8,94 18:10

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

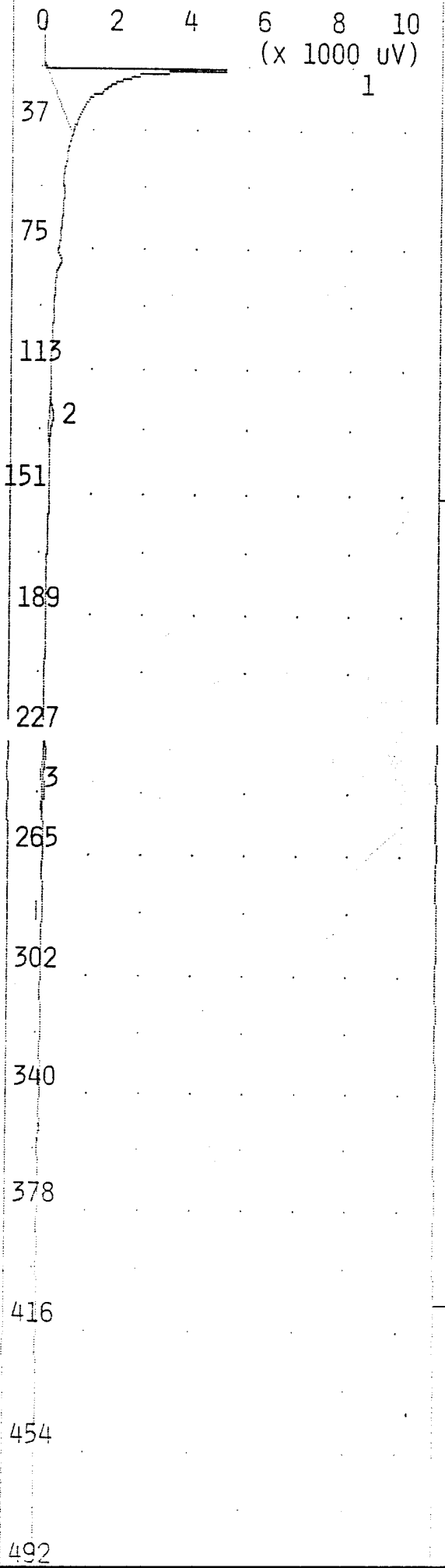
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	6.630	MVS	16.8
2	UNKNOWN	7.249	MVS	18.4
3	UNKNOWN	29.63	MVS	20.8
4	BENZENE	103.7	PPB	61.2
5	UNKNOWN	2.399	MVS	77.3
6	TOLUENE	96.92	PPB	125.0
7	UNKNOWN	90.60	MVS	232.2
8	ETHYLBENNZENE	90.31	PPB	261.0
9	M,P-XYLENE	177.0	PPB	281.0
10	O-XYLENE	92.06	PPB	332.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 NOV 1994
100 PPB BTEX

ANALYSIS #26 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 18:33
SAMPLE TIME: NOV 8,94 18:24

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

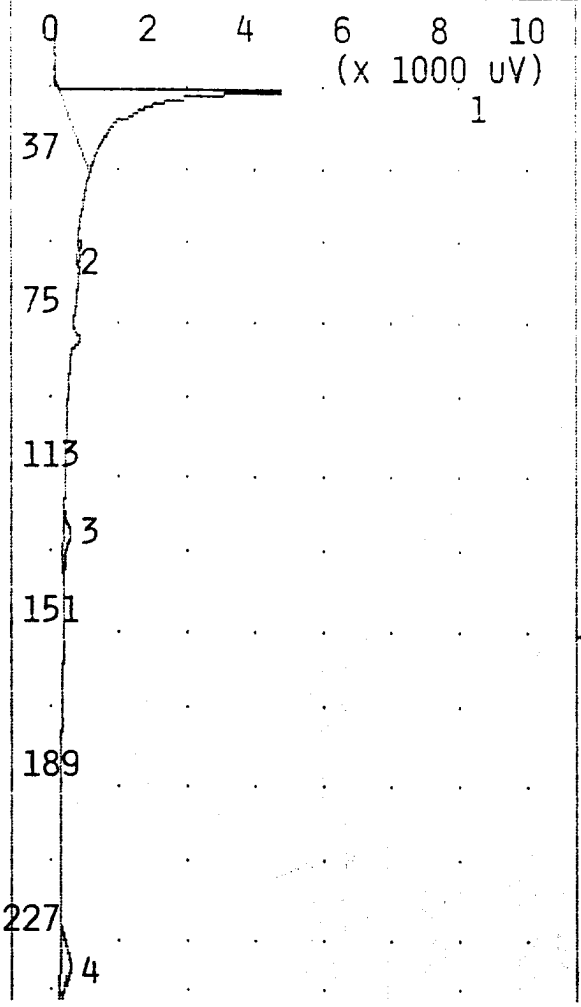
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	23.72	MVS	16.7
2	TOLUENE	0.880	PPB	124.9
3	UNKNOWN	0.658	MVS	230.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
AIR BLANK

ANALYSIS #27 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 18:45
SAMPLE TIME: NOV 8,94 18:36

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

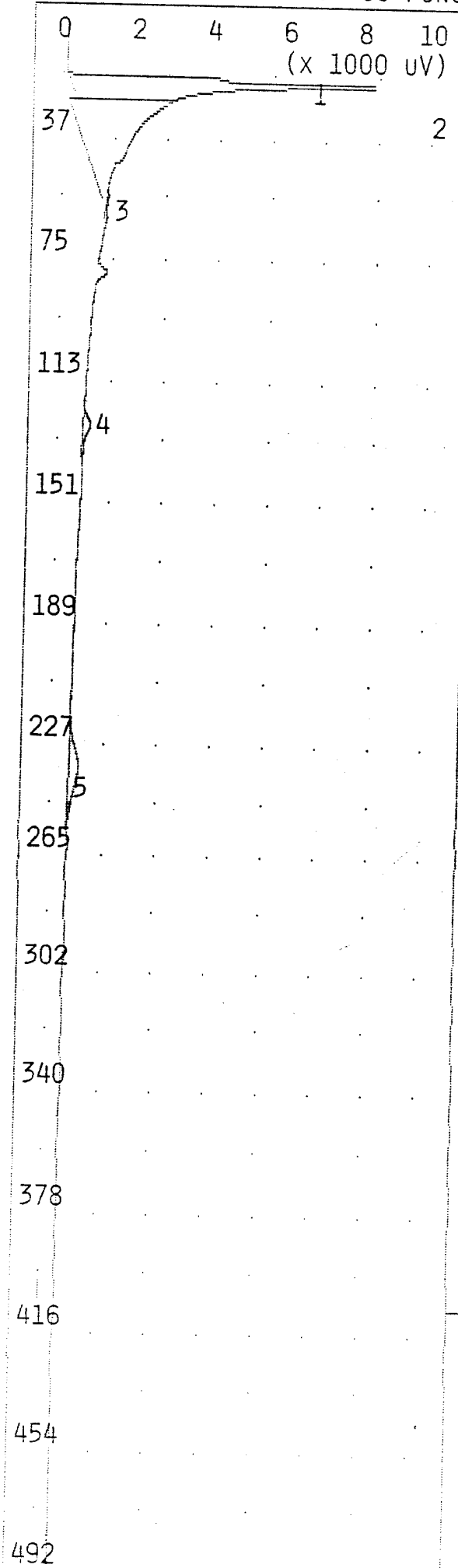
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	22.55	MVS	16.8
2	UNKNOWN	0.176	MVS	54.1
3	TOLUENE	1.258	PPB	124.6
4	UNKNOWN	3.575	MVS	232.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
BAA-003BH 1.0'-2.5'

ANALYSIS #28 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 18:58
SAMPLE TIME: NOV 8,94 18:49

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

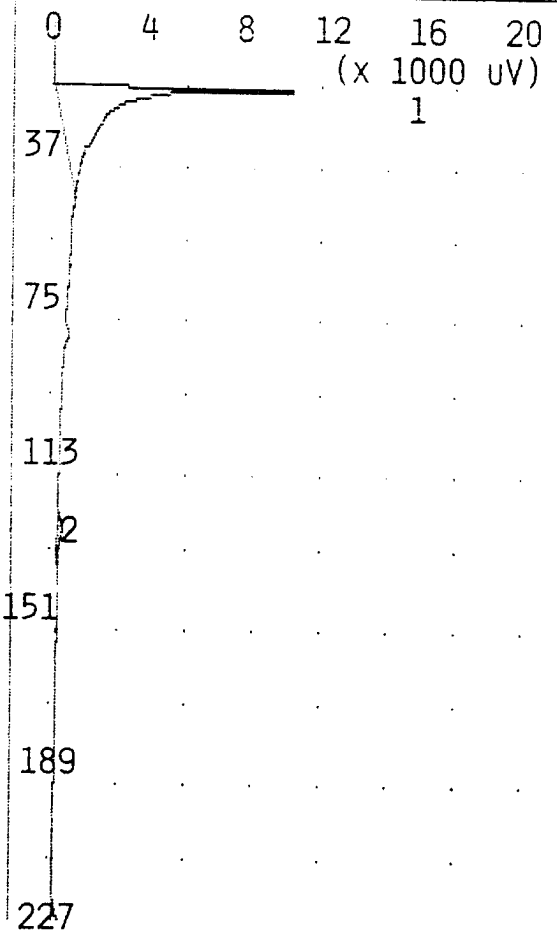
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.462 MVS	16.8
2	UNKNOWN	58.72 MVS	18.2
3	UNKNOWN	0.040 MVS	53.8
4	TOLUENE	1.743 PPB	124.6
5	UNKNOWN	3.607 MVS	232.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
BAA-002BH 8.5'-10.0'

ANALYSIS #29 10S+ GC FUNCTION ANALYSIS REPORT



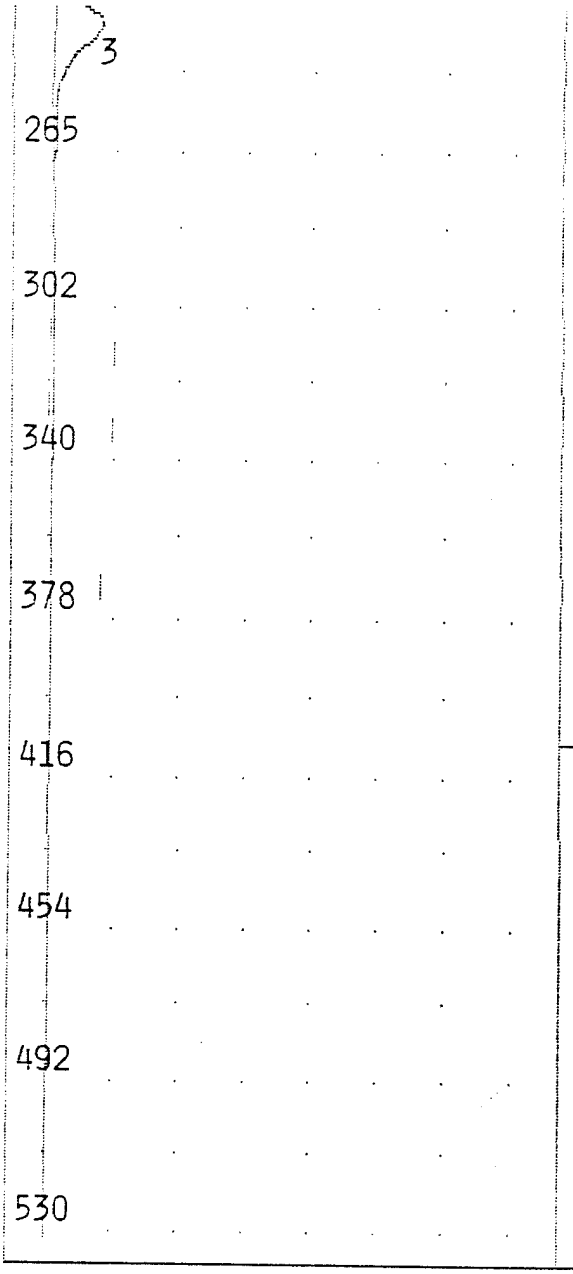
TIME PRINTED: NOV 8,94 19:10
SAMPLE TIME: NOV 8,94 19:01

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

PEAK REPORT

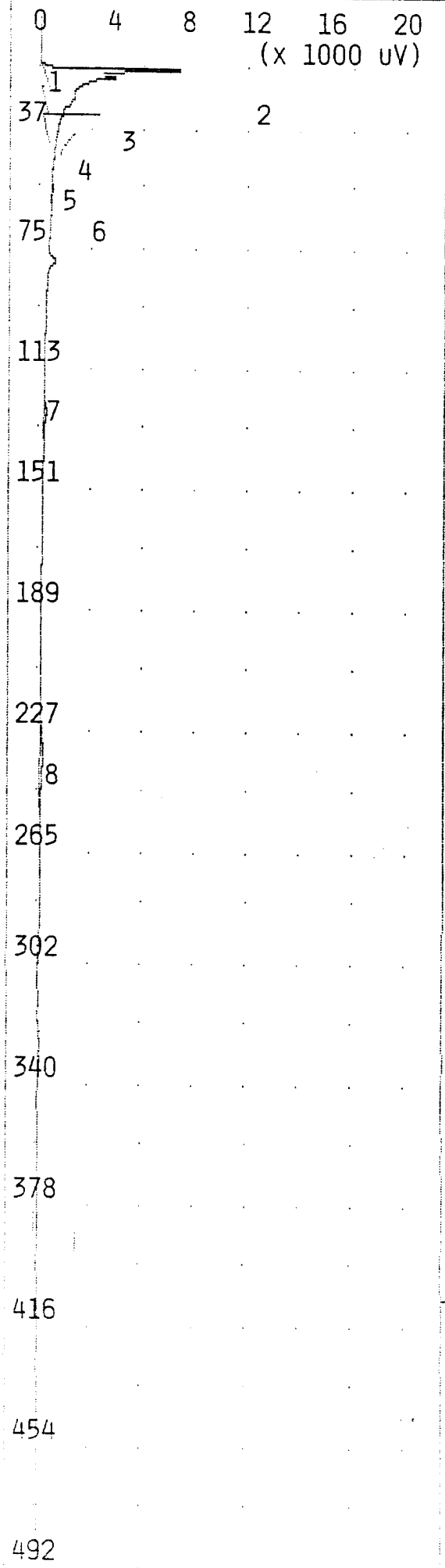
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	44.30 MVS	16.5
2	TOLUENE	1.712 PPB	124.4
3	UNKNOWN	29.14 MVS	231.6



NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
BAA-001BH 9.5'-11.0'

ANALYSIS #30 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94	19:23	
SAMPLE TIME: NOV 8,94	19:14	
METHOD		
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

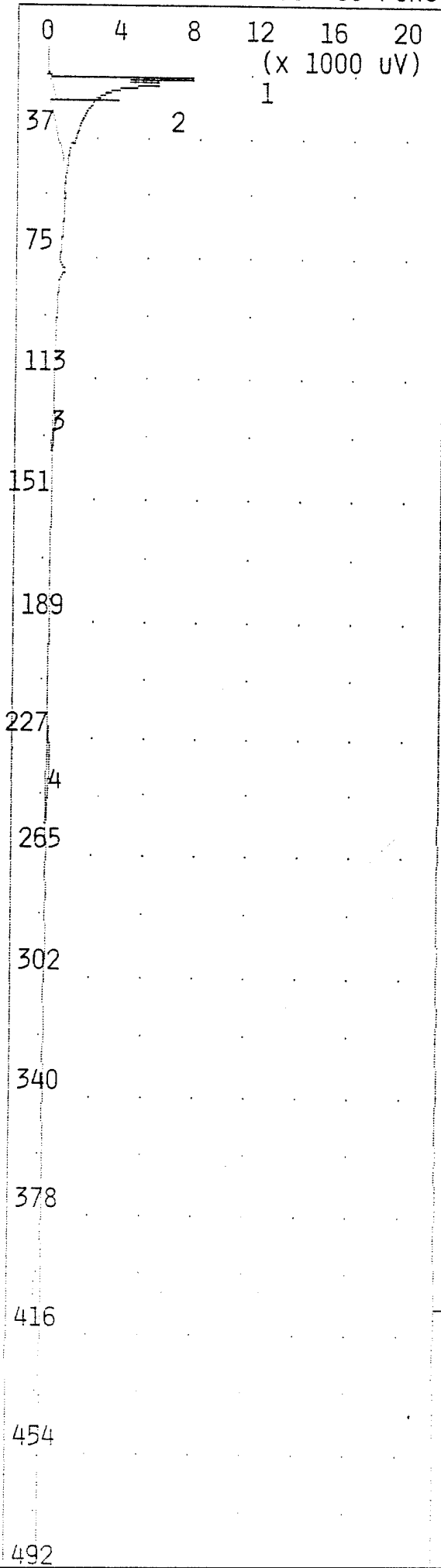
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.224 MVS	15.6
2	UNKNOWN	11.62 MVS	16.7
3	UNKNOWN	23.73 MVS	19.2
4	UNKNOWN	0.556 MVS	25.4
5	UNKNOWN	0.152 MVS	30.8
6	UNKNOWN	0.182 MVS	54.5
7	TOLUENE	1.384 PPB	124.9
8	UNKNOWN	1.696 MVS	231.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
8 NOV 1994
BAA-001BH 18.5'-19.5'

ANALYSIS #31 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 19:35
SAMPLE TIME: NOV 8,94 19:26

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

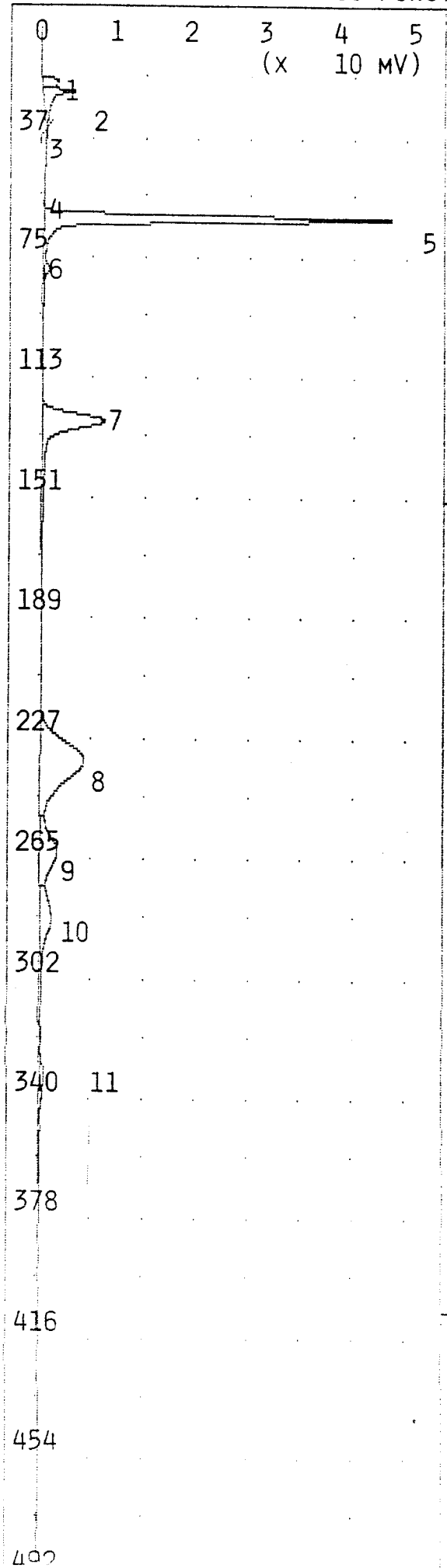
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	9.046	MVS	16.6
2	UNKNOWN	41.59	MVS	18.4
3	TOLUENE	1.340	PPB	124.6
4	UNKNOWN	2.245	MVS	231.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
A48-001BH 3.5'-5.0'

ANALYSIS #32 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 19:47
SAMPLE TIME: NOV 8,94 19:38

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

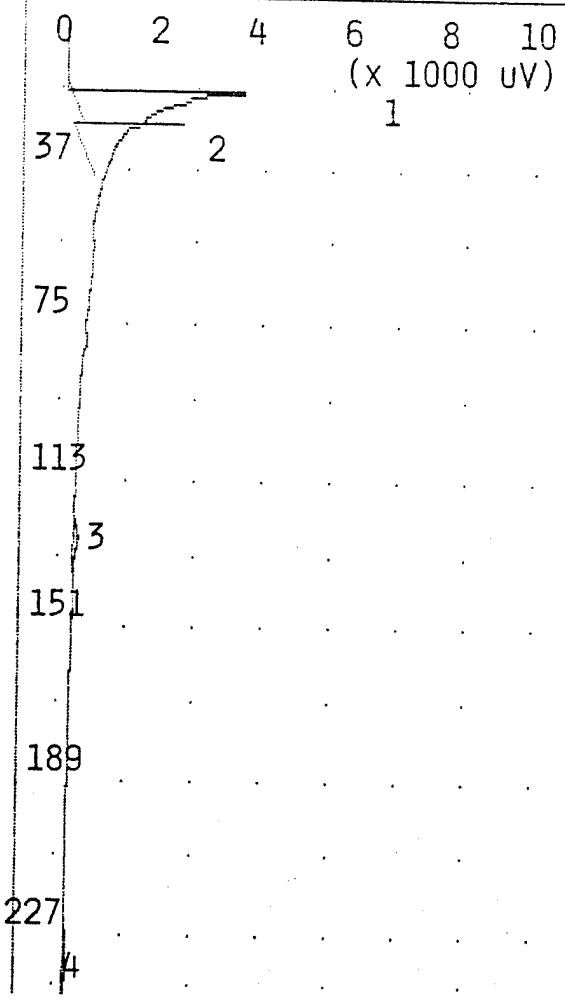
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	6.368	MVS	17.0
2	UNKNOWN	15.05	MVS	20.8
3	UNKNOWN	0.119	MVS	24.1
4	UNKNOWN	0.193	MVS	54.7
5	BENZENE	93.82	PPB	61.1
6	UNKNOWN	1.686	MVS	77.3
7	TOLUENE	91.68	PPB	124.9
8	UNKNOWN	90.07	MVS	231.8
9	ETHYLBENNZENE	87.74	PPB	260.2
10	M,P-XYLENE	175.0	PPB	280.5
11	O-XYLENE	95.45	PPB	332.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
100 PPB BTEX

ANALYSIS #33 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 20:00
SAMPLE TIME: Nov 8,94 19:51

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

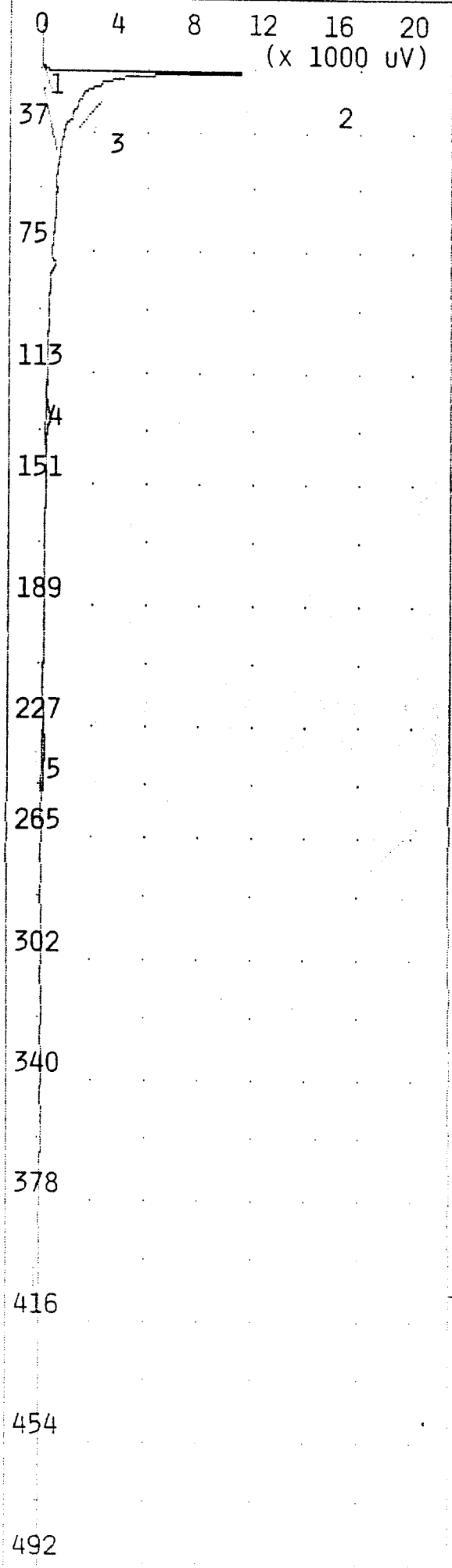
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.523 MVS	16.8
2	UNKNOWN	17.32 MVS	18.6
3	TOLUENE	0.788 PPB	125.0
4	UNKNOWN	0.664 MVS	231.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
AIR·BLANK

ANALYSIS #34 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 20:12
SAMPLE TIME: Nov 8,94 20:03

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	530.0	SEC

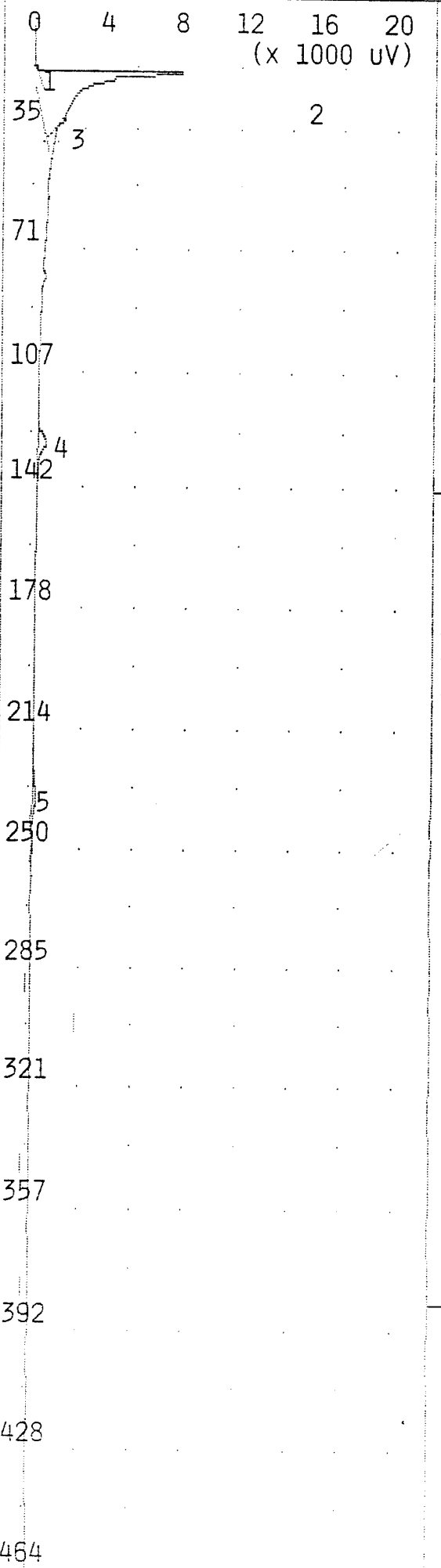
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	0.094	MVS	15.6
2	UNKNOWN	44.52	MVS	16.8
3	UNKNOWN	0.108	MVS	20.8
4	TOLUENE	1.748	PPB	125.3
5	UNKNOWN	1.186	MVS	231.4

NOTES

JOE BYRD, JR.
COOS BAY ANS
8 NOV 1994
A48-001BH 8.5-10.0

ANALYSIS #35 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED:	NOV 8,94	20:23
SAMPLE TIME:	NOV 8,94	20:15

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	500.0	SEC

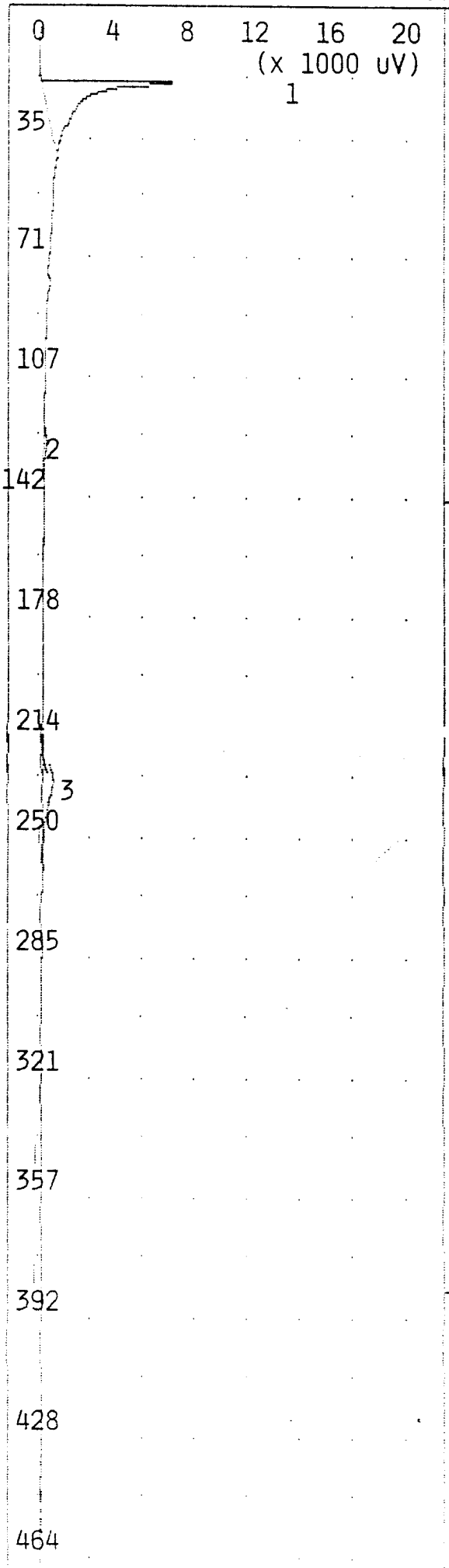
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.113 MVS	15.6
2	UNKNOWN	43.74 MVS	16.7
3	UNKNOWN	0.291 MVS	30.8
4	TOLUENE	4.414 PPB	124.9
5	UNKNOWN	2.189 MVS	232.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
A48-001BH 13.5-15.0

ANALYSIS #36 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 20:35
SAMPLE TIME: NOV 8,94 20:27

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	500.0	SEC

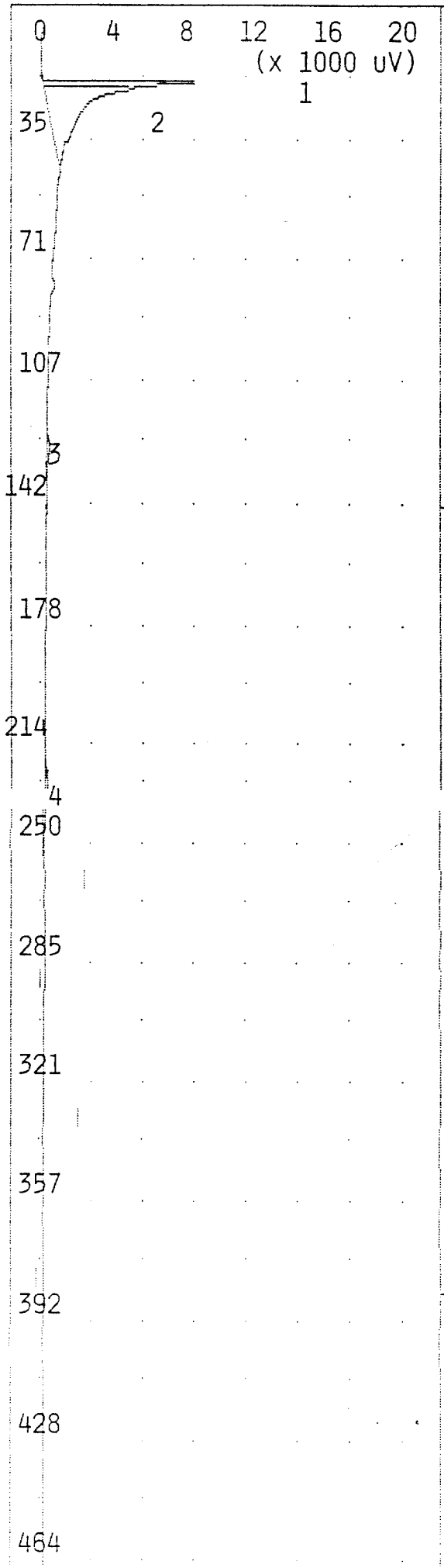
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	37.94	MVS	16.7
2	TOLUENE	1.595	PPB	124.6
3	UNKNOWN	9.575	MVS	231.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
A48-001BH 18.5-19.5

ANALYSIS #37 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 8,94 20:47
SAMPLE TIME: NOV 8,94 20:39

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	500.0	SEC

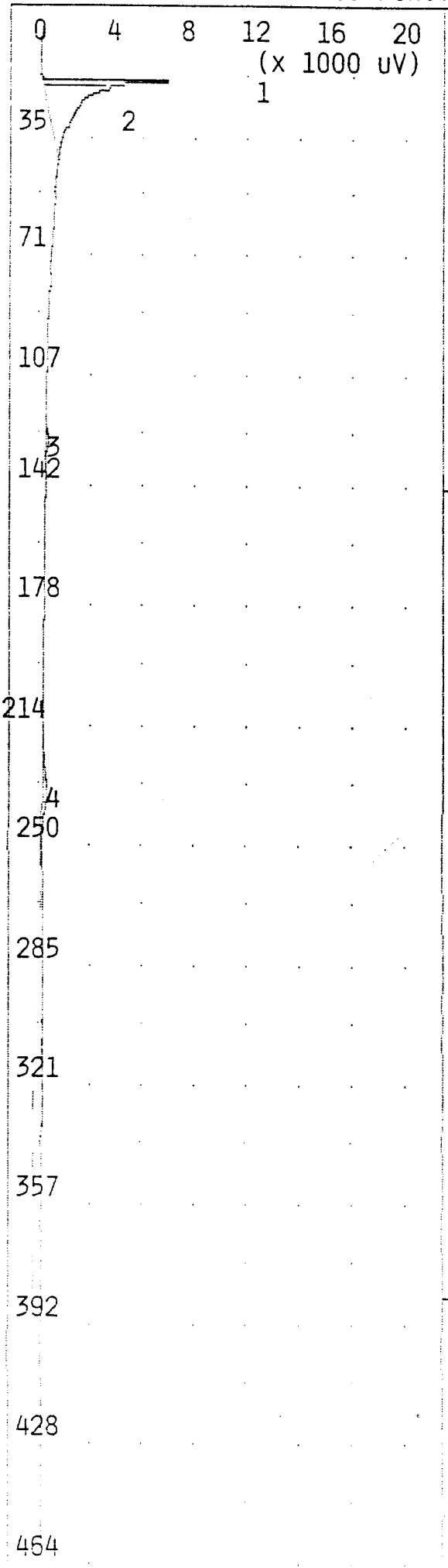
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	11.99	MVS	16.7
2	UNKNOWN	37.09	MVS	18.3
3	TOLUENE	1.481	PPB	125.0
4	UNKNOWN	2.476	MVS	232.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
A48-001BH 23.5-24.5

ANALYSIS #38 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 8,94 20:59
SAMPLE TIME: Nov 8,94 20:50

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	500.0	SEC

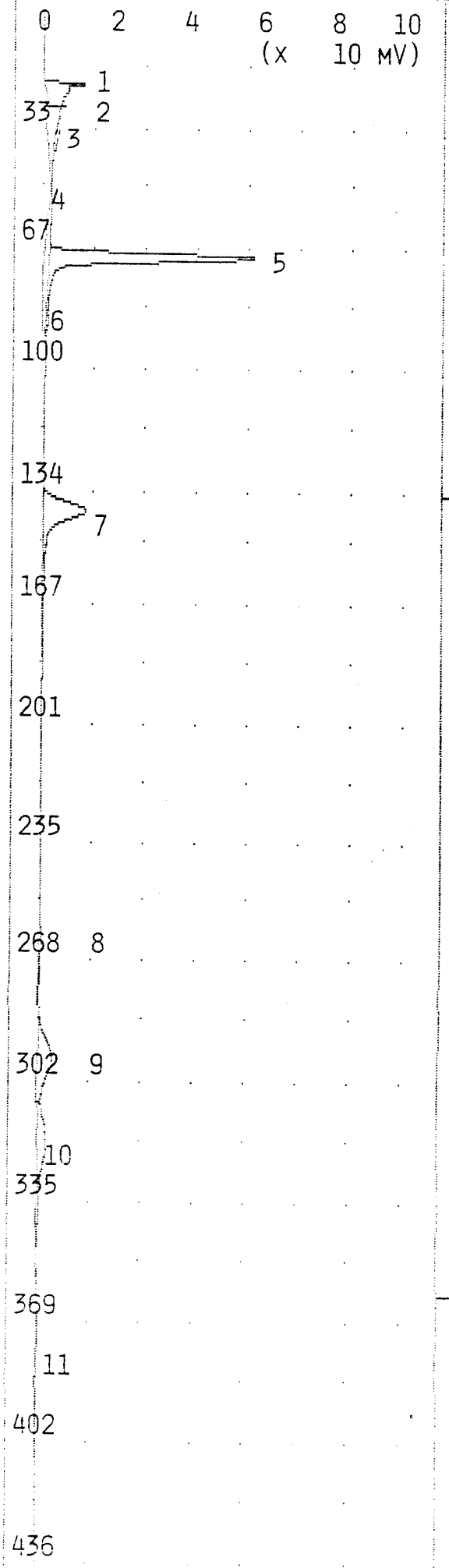
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.343 MVS	16.6
2	UNKNOWN	27.65 MVS	18.4
3	TOLUENE	1.499 PPB	124.5
4	UNKNOWN	2.948 MVS	231.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
8 NOV 1994
A48-001BH 28.5-29.5

ANALYSIS #1 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 08:08
SAMPLE TIME: NOV 9,94 08:00

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	24	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

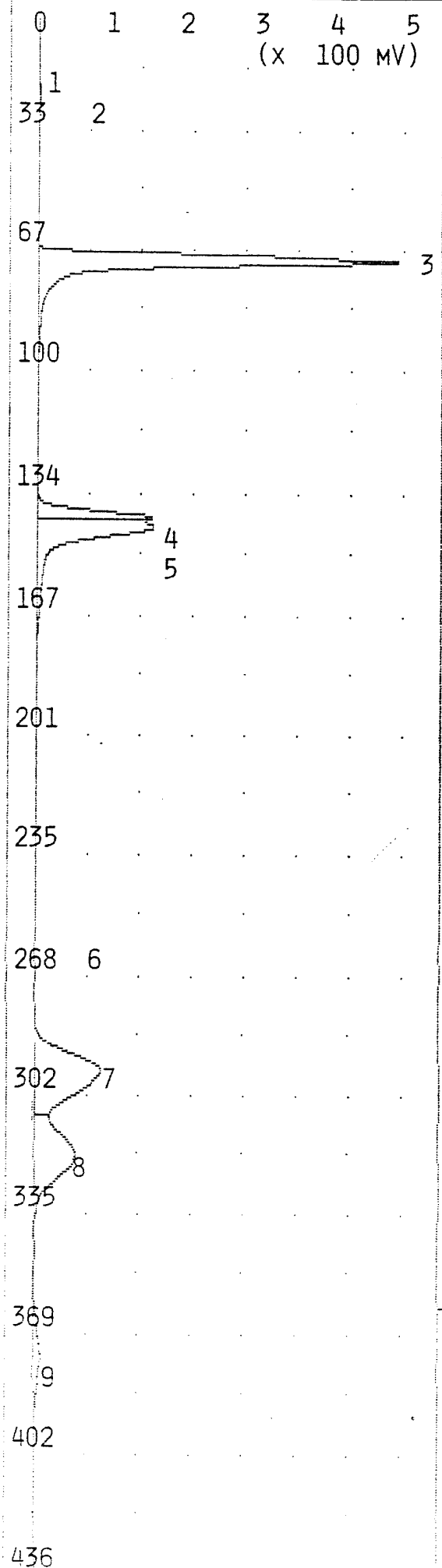
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	13.94	MVS	18.9
2	UNKNOWN	66.31	MVS	20.6
3	UNKNOWN	0.429	MVS	27.4
4	UNKNOWN	0.085	MVS	48.1
5	UNKNOWN	159.9	MVS	67.6
6	UNKNOWN	0.713	MVS	85.6
7	UNKNOWN	82.68	MVS	140.1
8	UNKNOWN	3.175	MVS	260.8
9	UNKNOWN	49.49	MVS	293.6
10	UNKNOWN	41.70	MVS	316.5
11	UNKNOWN	8.485	MVS	373.3

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
100 PPB BTEX

ANALYSIS #2 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 08:31
SAMPLE TIME: NOV 9,94 08:23

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

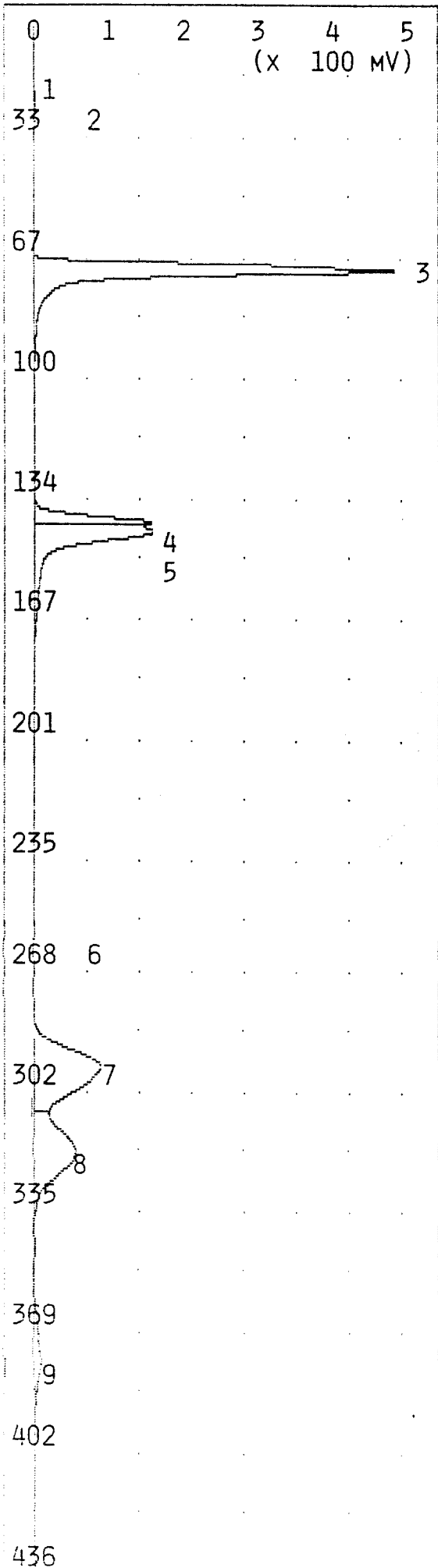
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	17.90	MVS	19.1
2	UNKNOWN	0.046	MVS	21.2
3	BENZENE	1.218	PPM	68.1
4	UNKNOWN	465.3	MVS	138.5
5	TOLUENE	1.129	PPM	141.2
6	UNKNOWN	2.989	MVS	260.5
7	ETHYLBENZENE	2.481	PPM	292.8
8	M,P-XYLENE	4.191	PPM	316.5
9	O-XYLENE	2.207	PPM	374.3

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
1 PPM BTEX

ANALYSIS #2 10S+ QC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 08:36
SAMPLE TIME: NOV 9,94 08:23

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

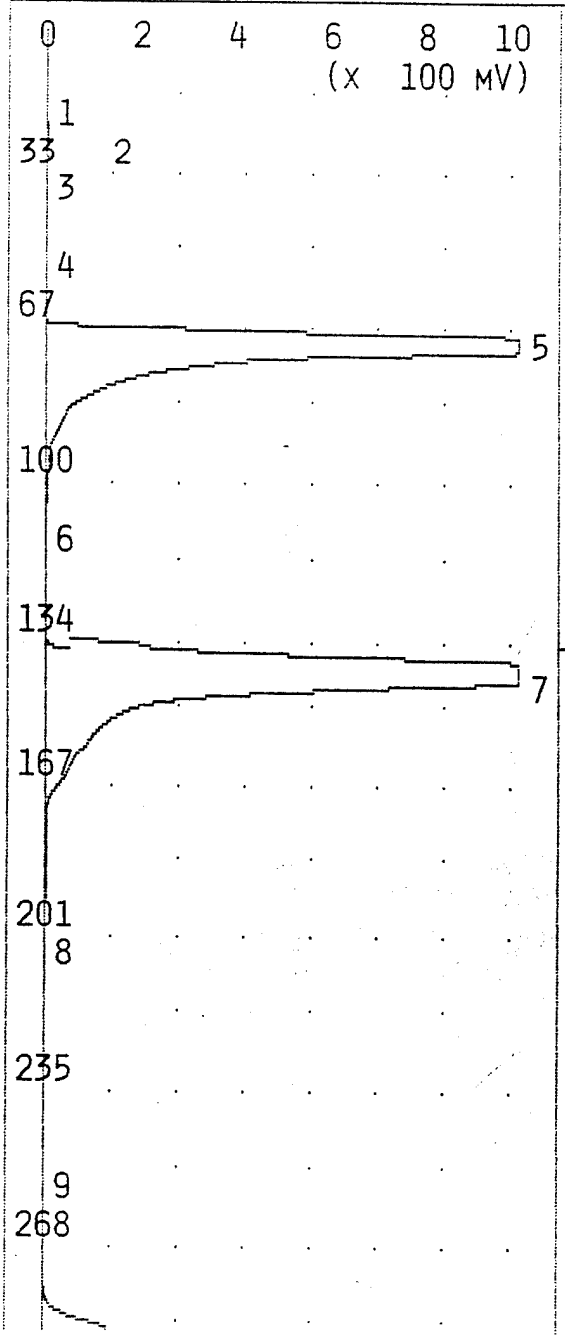
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	17.90	MVS	19.1
2	UNKNOWN	0.046	MVS	21.2
3	BENZENE	1.000	PPM	68.1
4	UNKNOWN	465.3	MVS	138.5
5	TOLUENE	1.000	PPM	141.2
6	UNKNOWN	2.989	MVS	260.5
7	ETHYLBENZENE	1.000	PPM	292.8
8	M,P-XYLENE	2.000	PPM	316.5
9	O-XYLENE	1.006	PPM	374.3

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
1 PPM BTEX

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



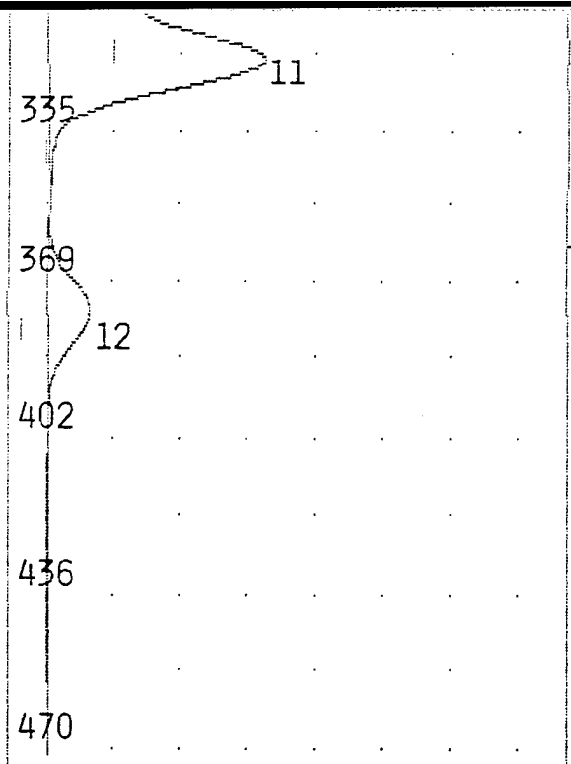
TIME PRINTED: NOV 9,94 08:49
SAMPLE TIME: NOV 9,94 08:41

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

PEAK REPORT

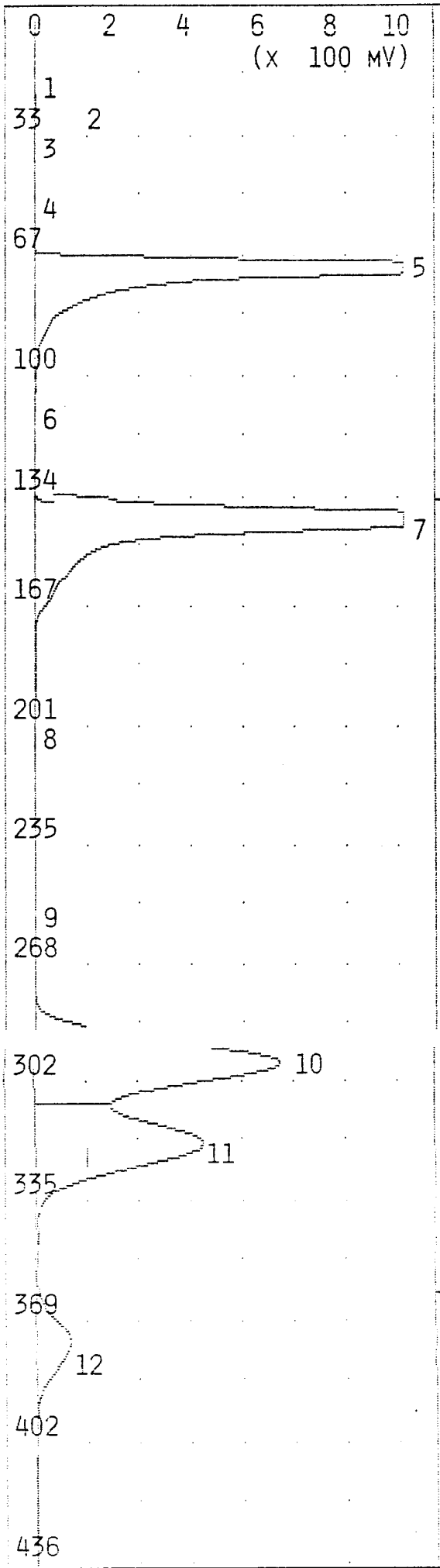
PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	2.775	MVS	19.2
2	UNKNOWN	10.58	MVS	20.8
3	UNKNOWN	34.99	MVS	23.5
4	UNKNOWN	1.011	MVS	50.3
5	BENZENE	5.567	PPM	68.5
6	UNKNOWN	1.159	MVS	108.9
7	TOLUENE	14.02	PPM	141.0
8	UNKNOWN	1.035	MVS	202.4
9	UNKNOWN	4.437	MVS	254.1
10	ETHYLBENZENE	7.516	PPM	294.6
11	M,P-XYLENE	16.52	PPM	317.3
12	O-XYLENE	8.409	PPM	372.6



NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
10 PPM BTEX

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 08:55
SAMPLE TIME: NOV 9,94 08:41

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

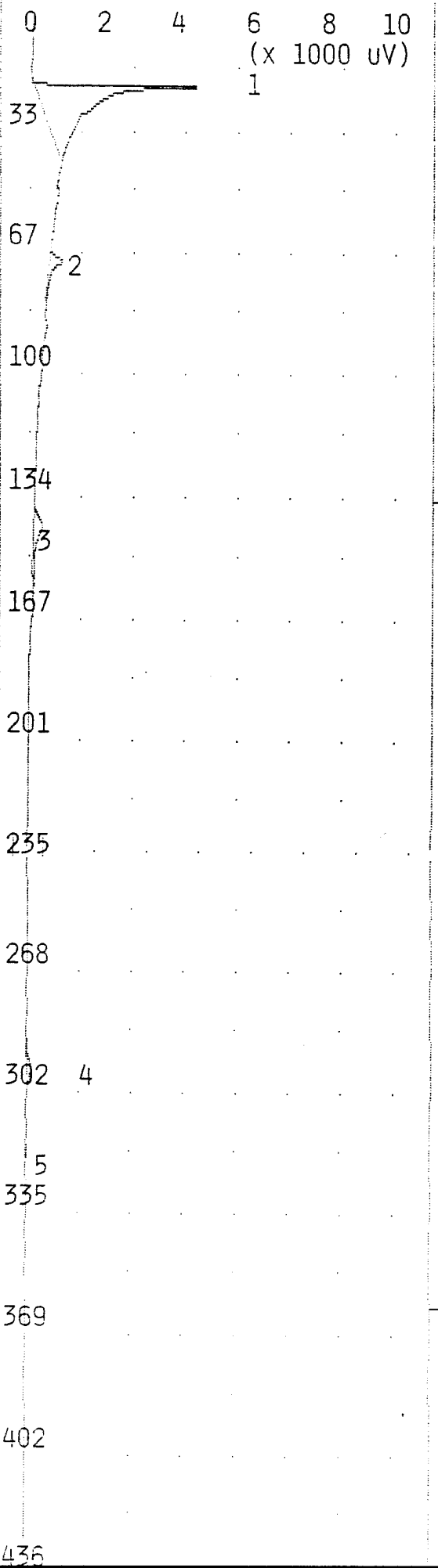
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	2.775	MVS	19.2
2	UNKNOWN	10.58	MVS	20.8
3	UNKNOWN	34.99	MVS	23.5
4	UNKNOWN	1.011	MVS	50.3
5	BENZENE	10.00	PPM	68.5
6	UNKNOWN	1.159	MVS	108.9
7	TOLUENE	10.00	PPM	141.0
8	UNKNOWN	1.035	MVS	202.4
9	UNKNOWN	4.437	MVS	254.1
10	ETHYLBENZENE	10.00	PPM	294.6
11	M,P-XYLENE	20.00	PPM	317.3
12	O-XYLENE	10.02	PPM	372.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
10 PPM BTEX

ANALYSIS #4 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 09:09
SAMPLE TIME: Nov 9,94 09:01

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

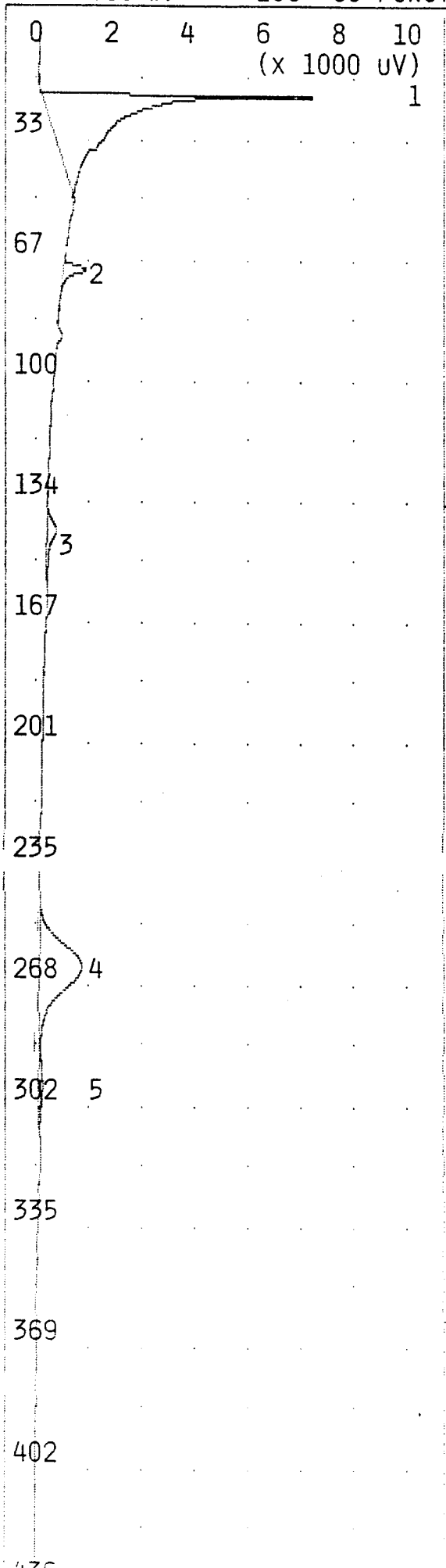
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	23.13	MVS	18.9
2	BENZENE	0.724	PPB	67.4
3	TOLUENE	1.931	PPB	139.8
4	ETHYLBENZENE	7.943	PPB	292.8
5	M,P-XYLENE	17.83	PPB	316.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
AIR BLANK

ANALYSIS #5 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 09:21
SAMPLE TIME: NOV 9,94 09:13

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

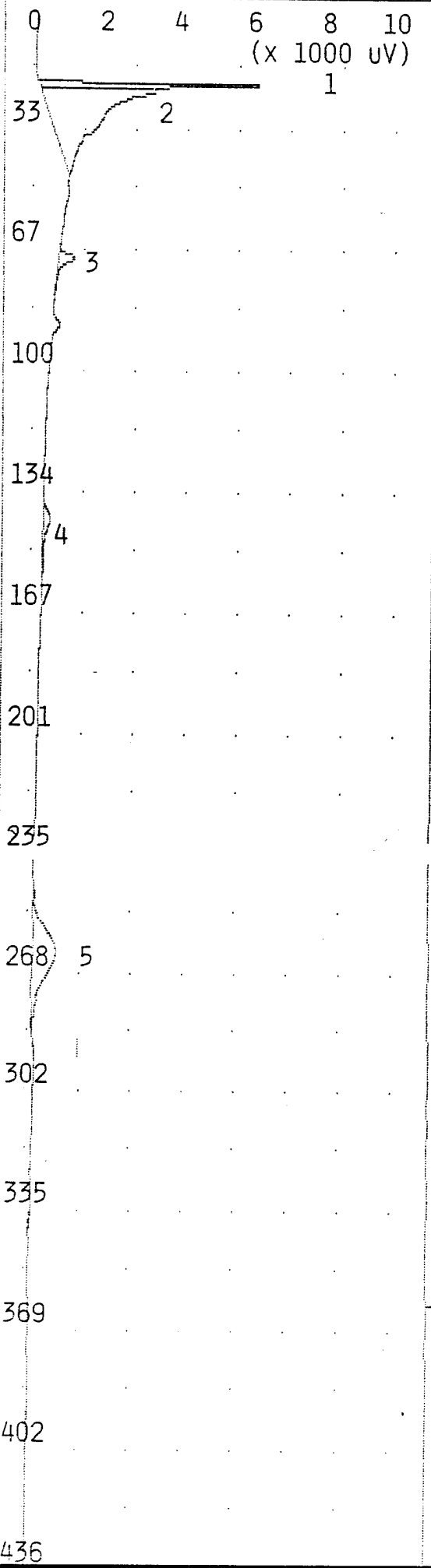
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	40.37 MVS	18.8
2	BENZENE	1.052 PPB	67.4
3	TOLUENE	1.967 PPB	139.7
4	UNKNOWN	18.32 MVS	260.8
5	ETHYLBENZENE	0.635 PPB	294.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
A48-001BH 33.5-34.5

ANALYSIS #6 10S+ GC FUNCTION ANALYSIS REPORT



LH

TIME PRINTED: NOV 9,94 09:34
SAMPLE TIME: NOV 9,94 09:26

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

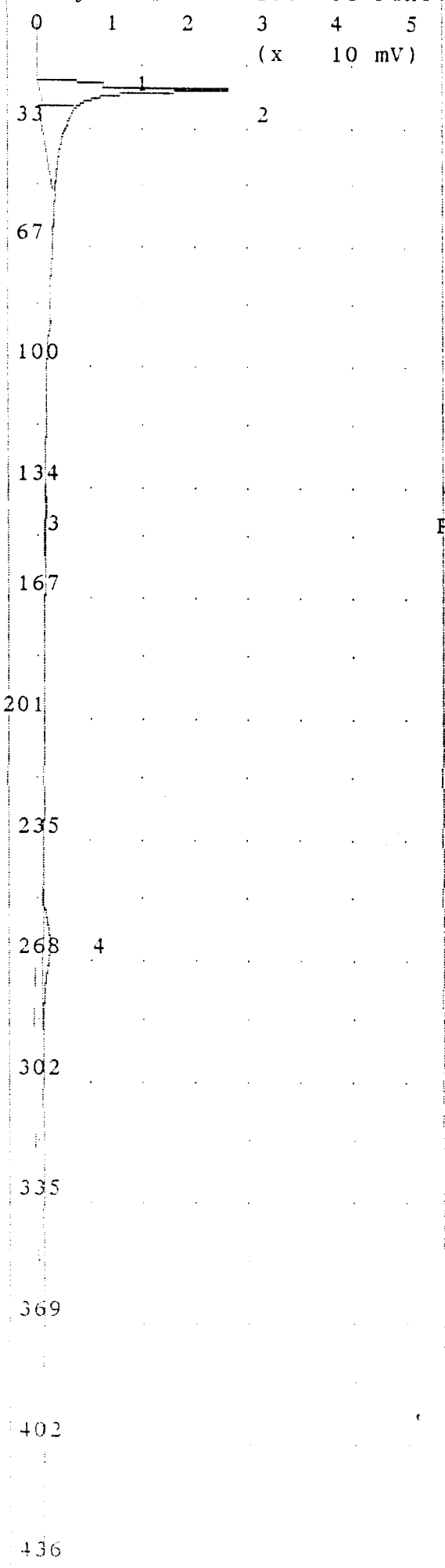
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	7.720	MVS	18.8
2	UNKNOWN	27.54	MVS	20.8
3	BENZENE	0.851	PPB	67.4
4	TOLUENE	1.562	PPB	139.8
5	UNKNOWN	9.268	MVS	260.5

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
A48-001BH 38.5-39.5

Analysis #7 10S+ GC Function Analysis Report



Time Printed: Nov 9,94 10:37
Sample Time: Nov 9,94 10:29

Method

Slope Up	0.500	mV/Sec
Slope Down	1.500	mV/Sec
Min Area	0.000	mVSec
Min Height	0.000	mV
Analysis Delay	0.0	sec
Window Percent	10.0	%
Det Flow	12	ml/min
B/F Flow	12	ml/min
Aux Flow	0	ml/min
Oven Temp	40	C
Amb Temp	29	C
Max Gain	1000	
Analysis Time	470.0	sec

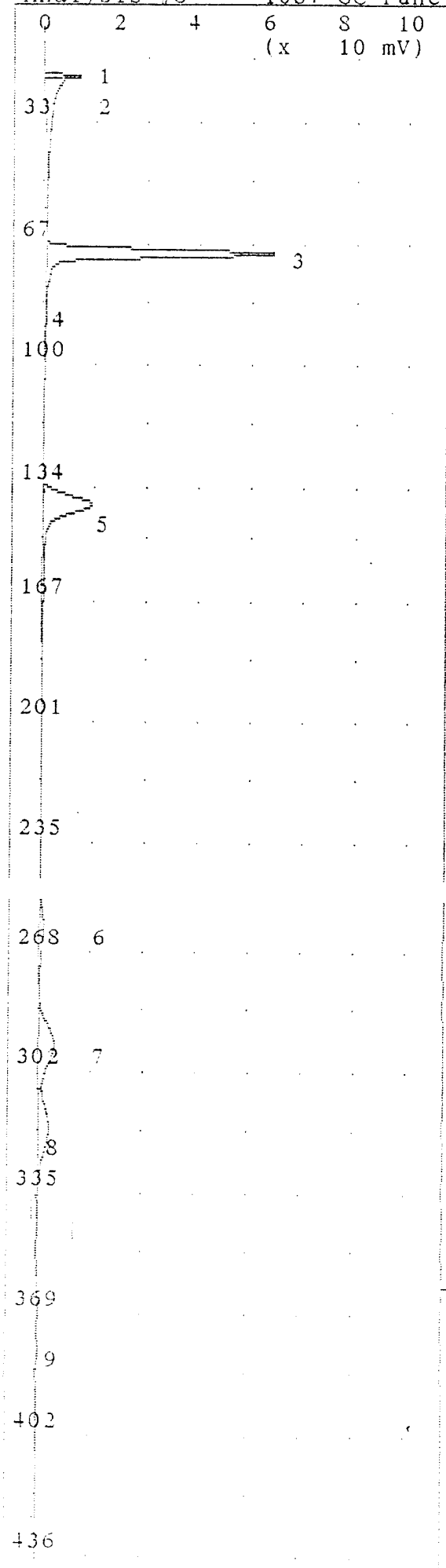
Peak Report

Pk	Compound Name	Area/Conc		R.T.
1	Unknown	10.83	mVS	18.7
2	Unknown	104.3	mVS	20.6
3	Toluene	1.361	ppb	140.1
4	Unknown	12.27	mVS	261.8

Notes

Joe Byrd, Jr.
Coos Bay ANGS
9 Nov 1994
A48-002BH 3.5-5.0

Analysis #8 10S+ GC Function Analysis Report



Time Printed: Nov 9,94 10:49
Sample Time: Nov 9,94 10:41

Method

Slope Up	0.500	mV/Sec
Slope Down	1.500	mV/Sec
Min Area	0.000	mVSec
Min Height	0.000	mV
Analysis Delay	0.0	sec
Window Percent	10.0	%
Det Flow	12	ml/min
B/F Flow	12	ml/min
Aux Flow	0	ml/min
Oven Temp	40	C
Amb Temp	29	C
Max Gain	1000	
Analysis Time	470.0	sec

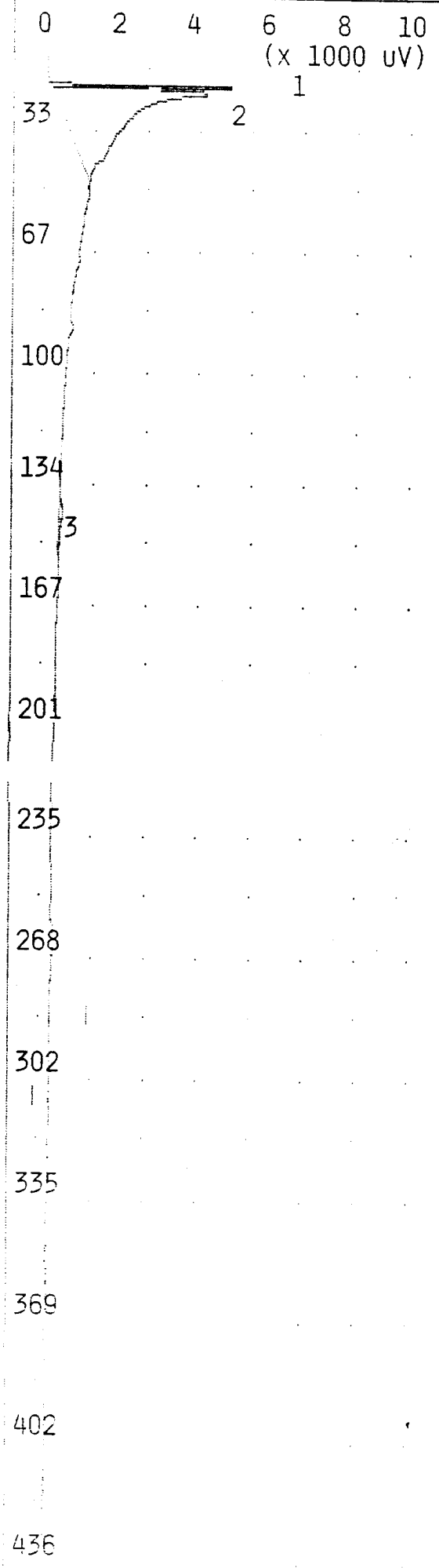
Peak Report

Pk	Compound Name	Area/Conc	R.T.
1	Unknown	13.57 mVS	18.8
2	Unknown	41.93 mVS	20.6
3	Benzene	104.6 ppb	67.4
4	Unknown	0.412 mVS	85.2
5	Toluene	101.0 ppb	139.4
6	Unknown	15.81 mVS	259.4
7	Ethylbenzene	104.3 ppb	292.5
8	m,p-Xylene	209.6 ppb	315.4
9	o-Xylene	107.4 ppb	373.0

Notes

Joe Byrd, Jr.
Coos Bay ANGS
9 Nov 1994
100 ppb btex

ANALYSIS #9 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 11:02
SAMPLE TIME: NOV 9,94 10:54

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

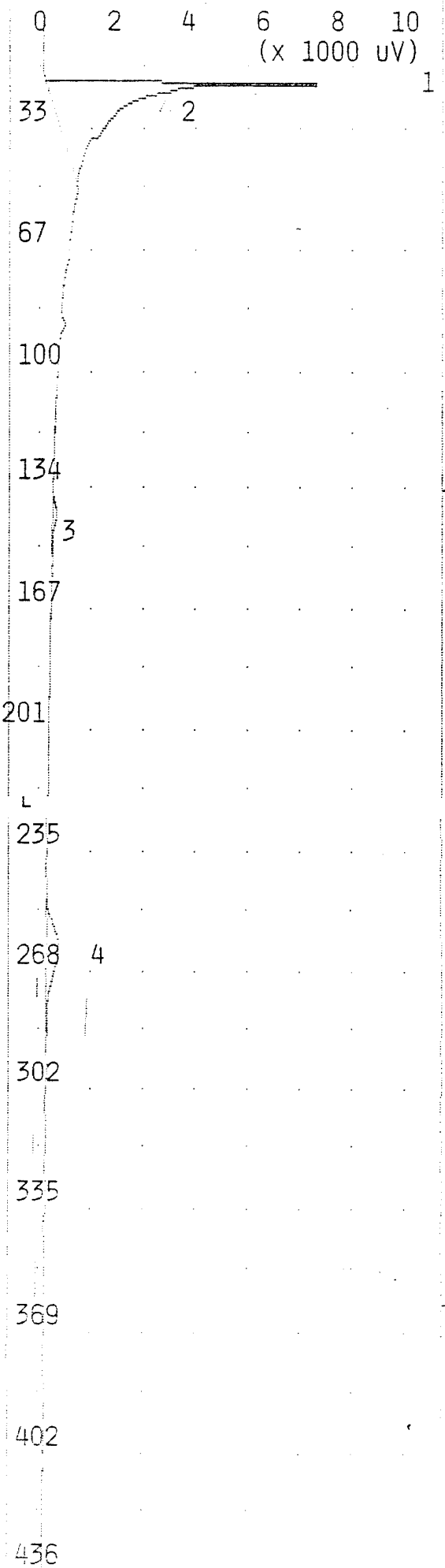
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.269 MVS	18.8
2	UNKNOWN	36.61 MVS	20.8
3	TOLUENE	0.690 PPB	139.7

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 NOV 1994
AIR BLANK

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 11:13
SAMPLE TIME: Nov 9,94 11:05

METHOD

SLOPE UP	0.500	mV/SEC
SLOPE DOWN	1.500	mV/SEC
MIN AREA	0.000	mVSEC
MIN HEIGHT	0.000	mV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

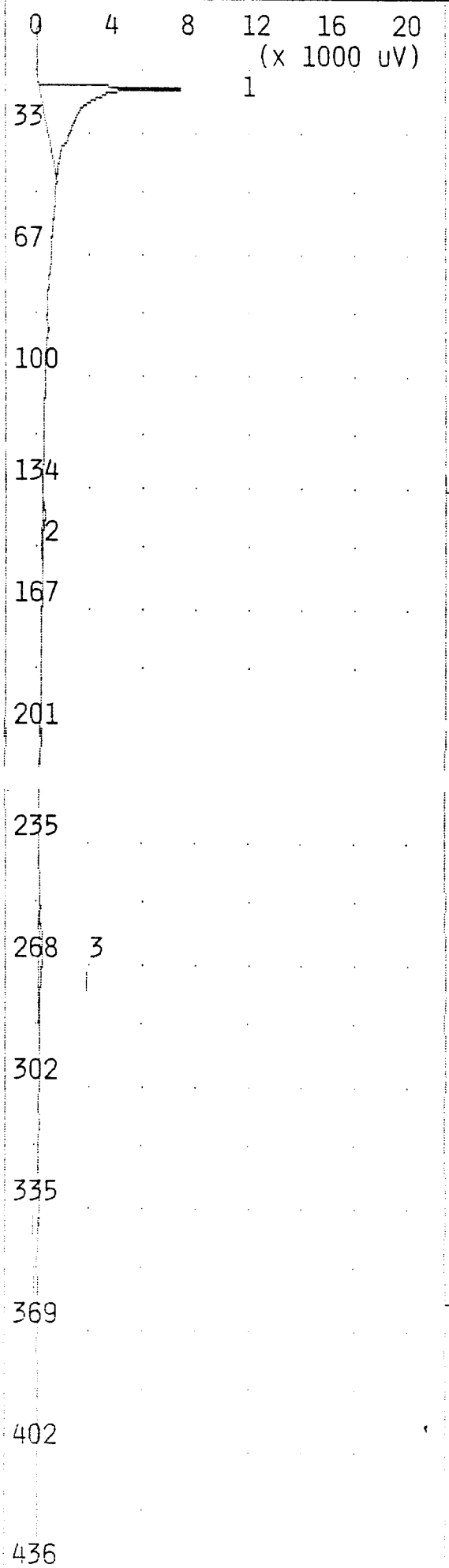
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	40.90	mVS	18.8
2	UNKNOWN	0.147	mVS	20.6
3	TOLUENE	0.872	PPB	139.6
4	UNKNOWN	5.037	mVS	260.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
A48-002BH 8.5-10.0

ANALYSIS #11 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 11:24
SAMPLE TIME: Nov 9,94 11:16

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

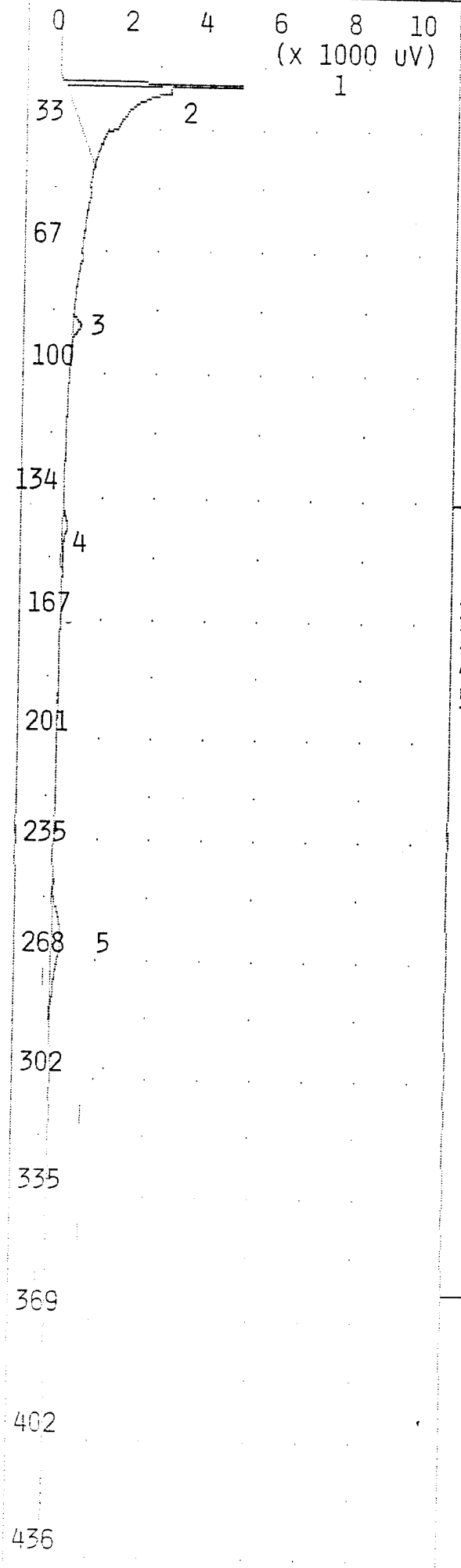
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	40.41	MVS	18.7
2	TOLUENE	0.918	PPB	140.0
3	UNKNOWN	2.405	MVS	261.3

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 NOV 1994
A48-002BH 13.5-15.0

ANALYSIS #12 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 11:36
SAMPLE TIME: Nov 9,94 11:28

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

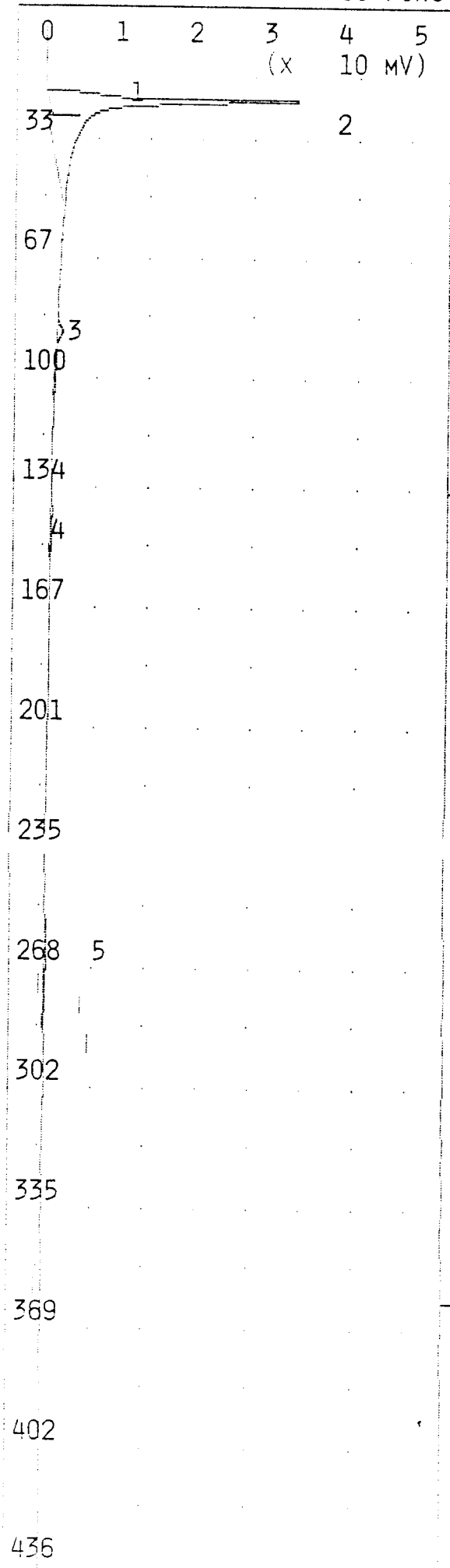
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	6.910	MVS	18.7
2	UNKNOWN	23.43	MVS	20.8
3	UNKNOWN	0.887	MVS	85.6
4	TOLUENE	0.900	PPB	139.8
5	UNKNOWN	3.416	MVS	260.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
A48-002BH 18.5-20.0

ANALYSIS #13 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 11:47
SAMPLE TIME: Nov 9,94 11:39

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

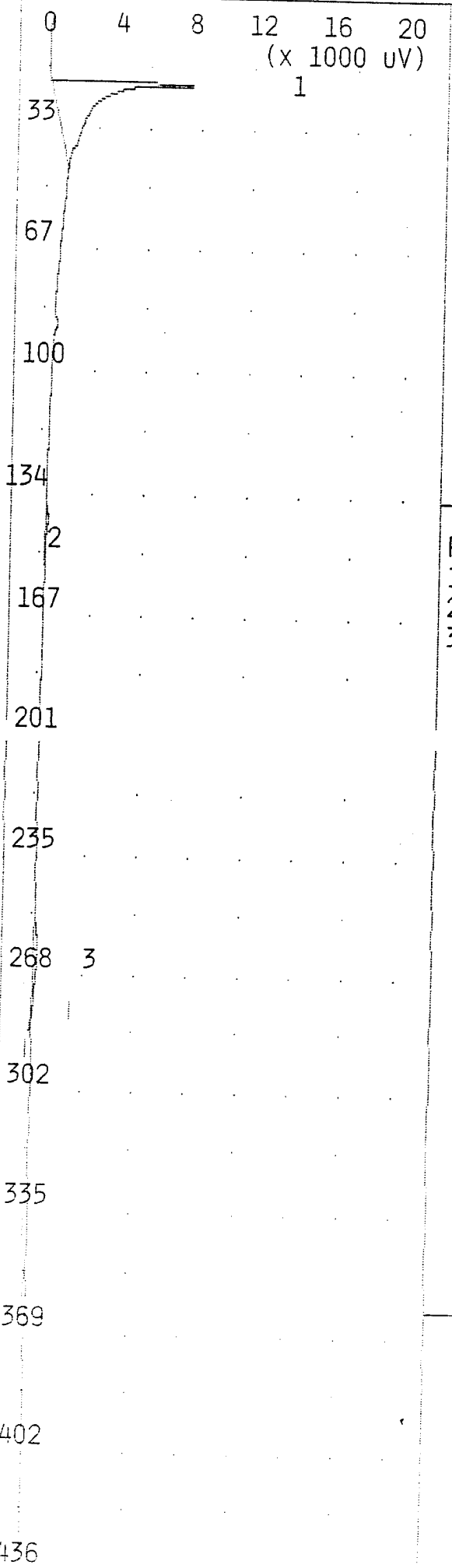
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	8.579	MVS	18.7
2	UNKNOWN	125.7	MVS	20.6
3	UNKNOWN	4.370	MVS	85.6
4	TOLUENE	1.332	PPB	139.3
5	UNKNOWN	3.555	MVS	260.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
A48-002BH 23.5-25.0

ANALYSIS #14 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 11:58
SAMPLE TIME: NOV 9,94 11:50

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

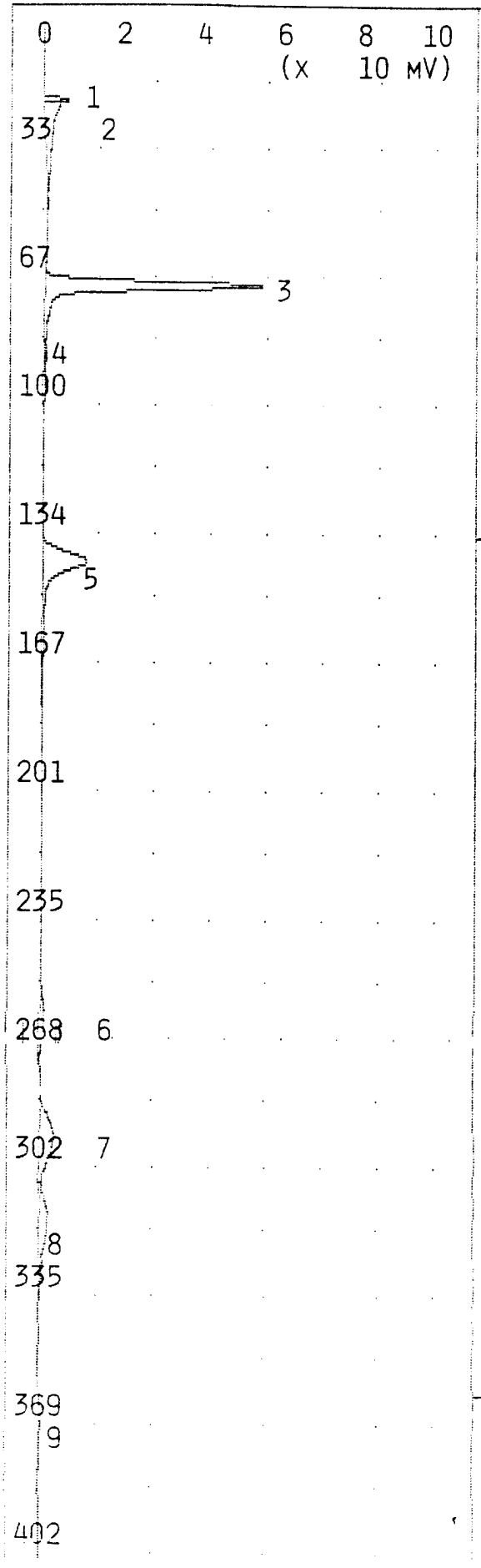
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	43.71 MVS	18.6
2	TOLUENE	1.033 PPB	139.4
3	UNKNOWN	3.168 MVS	259.7

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 NOV 1994
A48-002BH 28.5-29.5

ANALYSIS #15 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 12:09
SAMPLE TIME: NOV 9,94 12:02

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

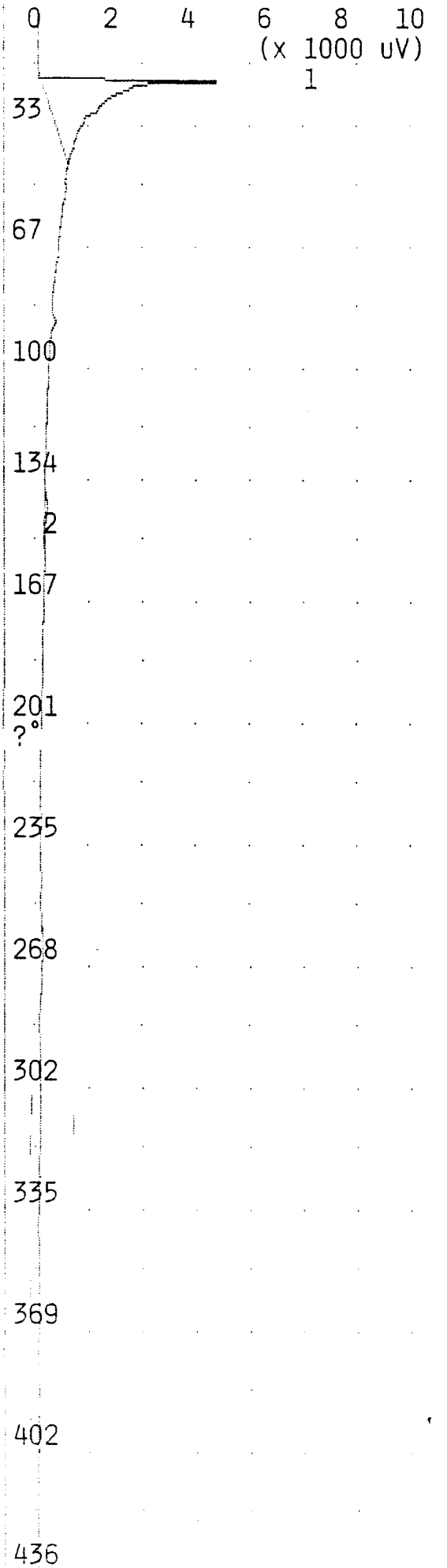
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	9.033	MVS	18.6
2	UNKNOWN	36.47	MVS	20.6
3	BENZENE	95.38	PPB	67.3
4	UNKNOWN	0.706	MVS	85.3
5	TOLUENE	88.71	PPB	139.3
6	UNKNOWN	17.87	MVS	260.0
7	ETHYLBENZENE	91.55	PPB	292.2
8	M,P-XYLENE	180.8	PPB	314.6
9	O-XYLENE	96.66	PPB	371.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
100 PPB BTEX

ANALYSIS #16 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 12:21
SAMPLE TIME: Nov 9,94 12:13

METHOD

SLOPE UP	0.500	mV/SEC
SLOPE DOWN	1.500	mV/SEC
MIN AREA	0.000	mVSEC
MIN HEIGHT	0.000	mV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

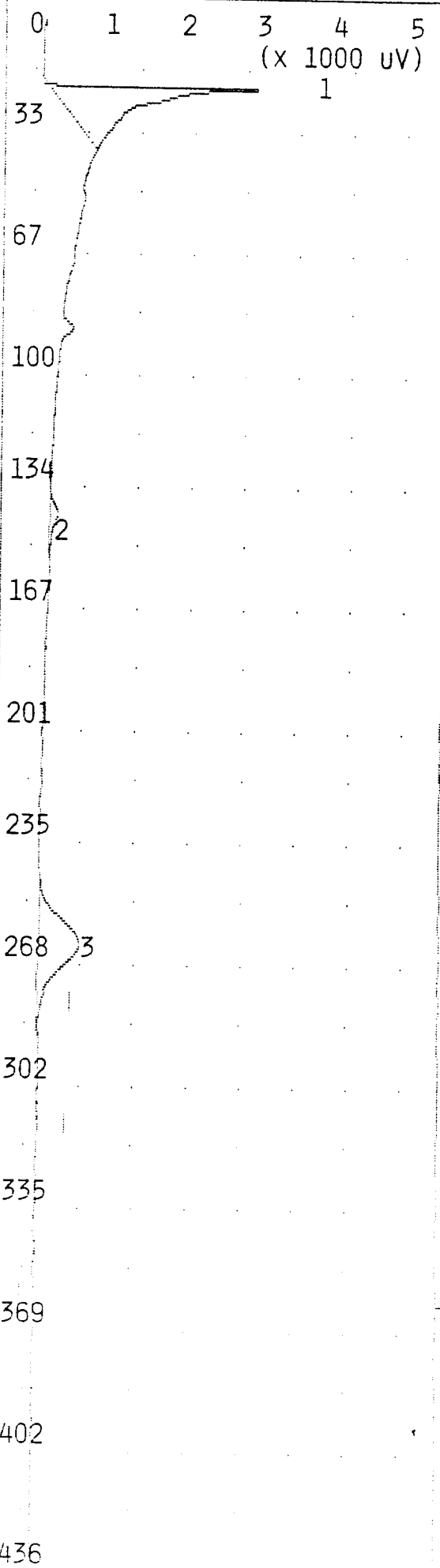
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	25.89	mVS	18.7
2	TOLUENE	0.609	PPB	138.9

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
AIR BLANK

ANALYSIS #17 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 12:32
SAMPLE TIME: NOV 9,94 12:24

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

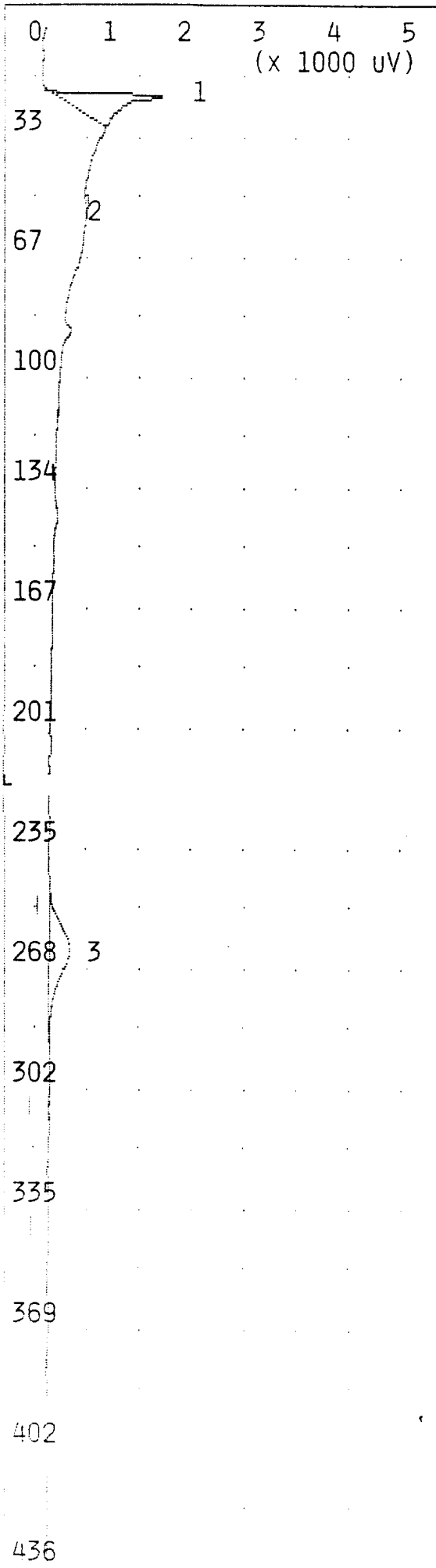
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	14.28	MVS	18.9
2	TOLUENE	0.855	PPB	139.6
3	UNKNOWN	8.430	MVS	260.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
A48-002BH 33.5-34.5

ANALYSIS #18 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 12:43
SAMPLE TIME: NOV 9,94 12:36

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

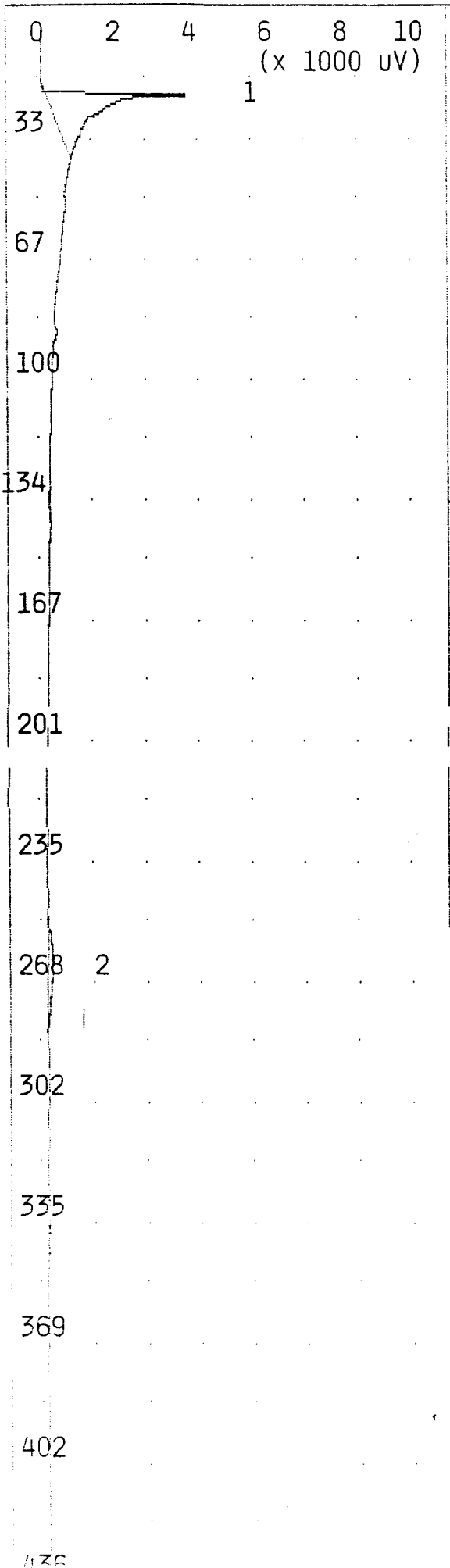
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	6.064	MVS	19.2
2	UNKNOWN	0.200	MVS	49.2
3	UNKNOWN	4.570	MVS	262.1

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
A48-00~~6~~2BH ~~3.5 - 5.0~~ 38.5 - 39.5

ANALYSIS #19 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 12:55
SAMPLE TIME: Nov 9,94 12:47

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

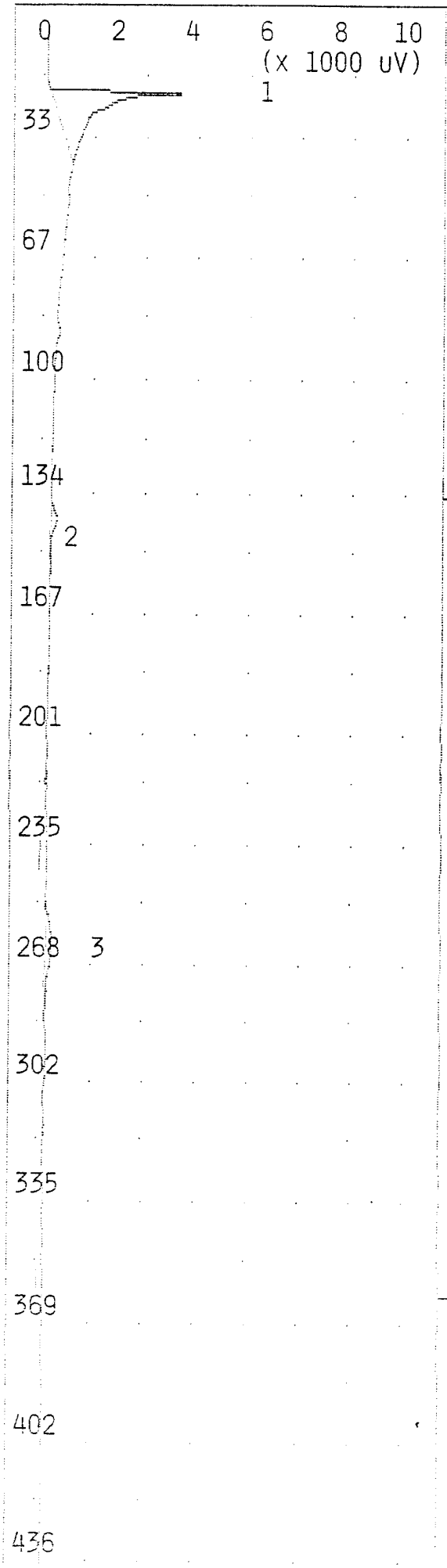
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	17.73	MVS	18.8
2	UNKNOWN	1.921	MVS	260.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
A48-003BH 3.5- 5.0

ANALYSIS #20 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 13:05
SAMPLE TIME: Nov 9,94 12:57

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

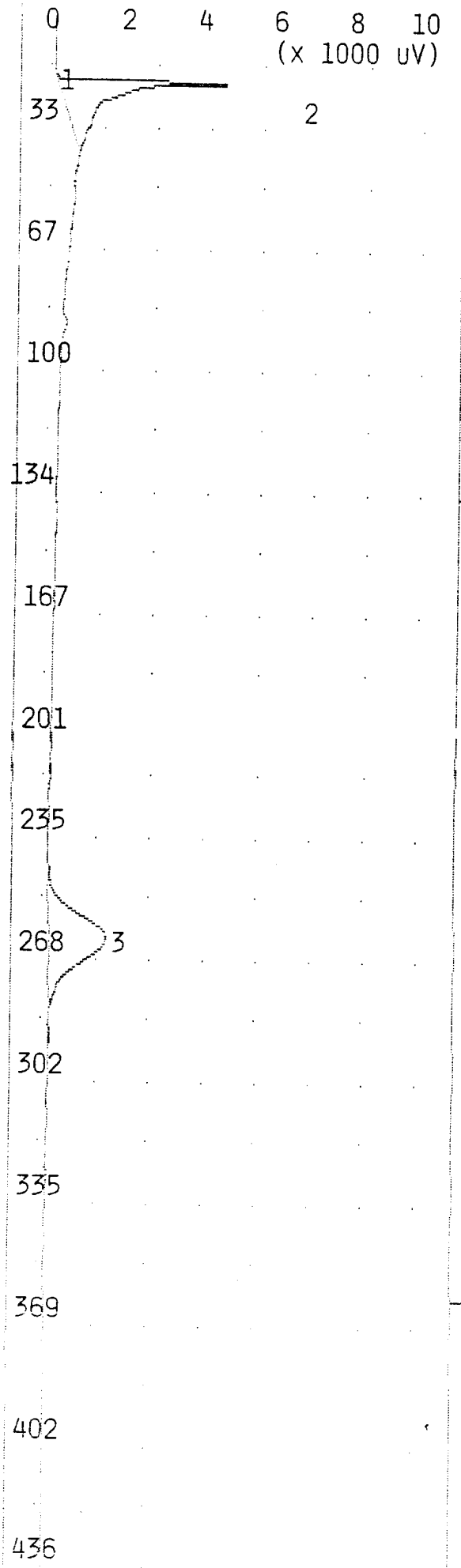
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	18.10	MVS	18.7
2	TOLUENE	1.310	PPB	139.2
3	UNKNOWN	2.526	MVS	259.7

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
A48-003BH 8.5-10.0

ANALYSIS #21 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 13:19
SAMPLE TIME: Nov 9,94 13:11

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

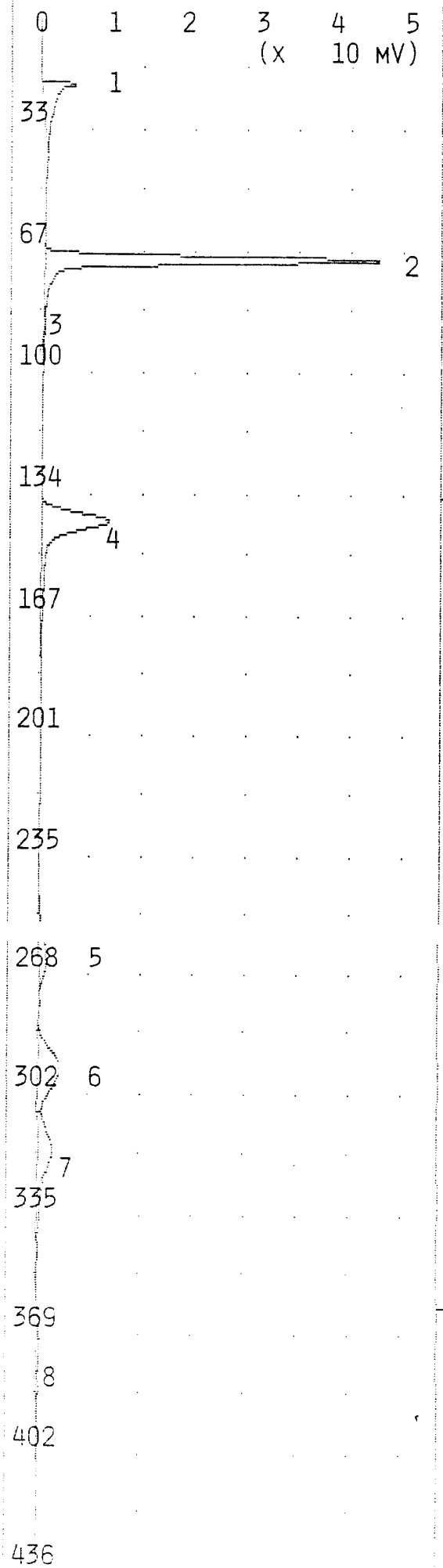
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.052 MVS	17.3
2	UNKNOWN	20.09 MVS	18.7
3	UNKNOWN	23.58 MVS	260.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 Nov 1994
A48-003BH ~~8.5-10.0~~
13.5-15.0

ANALYSIS #22 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 13:31
SAMPLE TIME: NOV 9,94 13:23

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

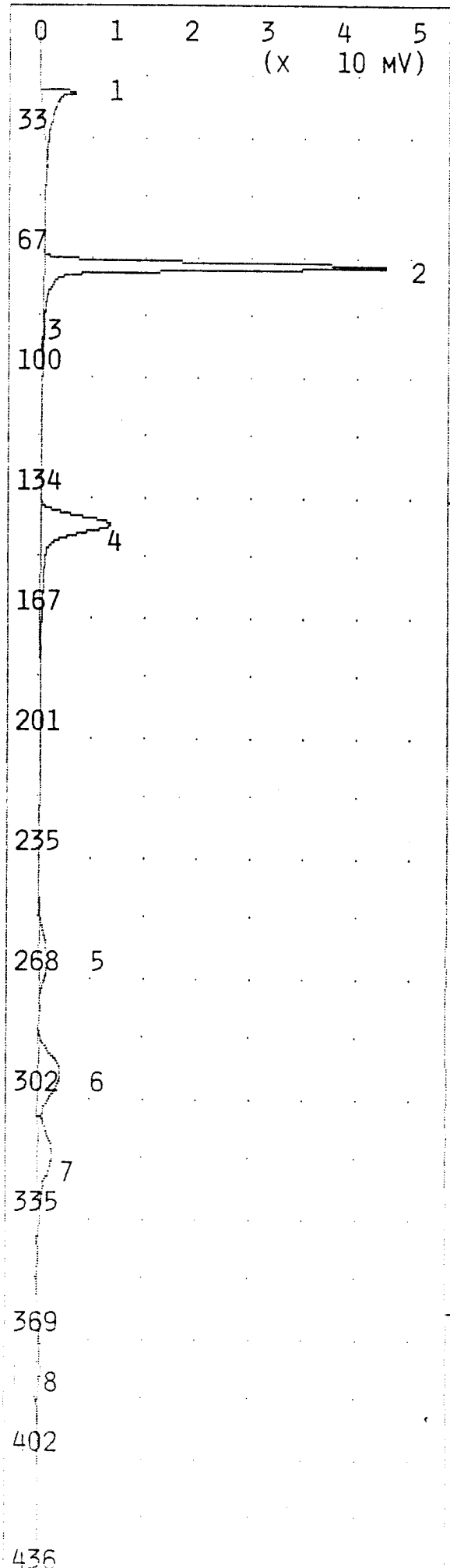
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	27.32	MVS	18.6
2	BENZENE	78.50	PPB	67.3
3	UNKNOWN	0.150	MVS	85.3
4	TOLUENE	76.15	PPB	139.4
5	UNKNOWN	17.78	MVS	260.8
6	ETHYLBENZENE	77.88	PPB	293.0
7	M,P-XYLENE	150.2	PPB	315.4
8	O-XYLENE	81.21	PPB	373.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
100 PPB BTEX

ANALYSIS #22 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 13:39
SAMPLE TIME: Nov 9,94 13:23

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

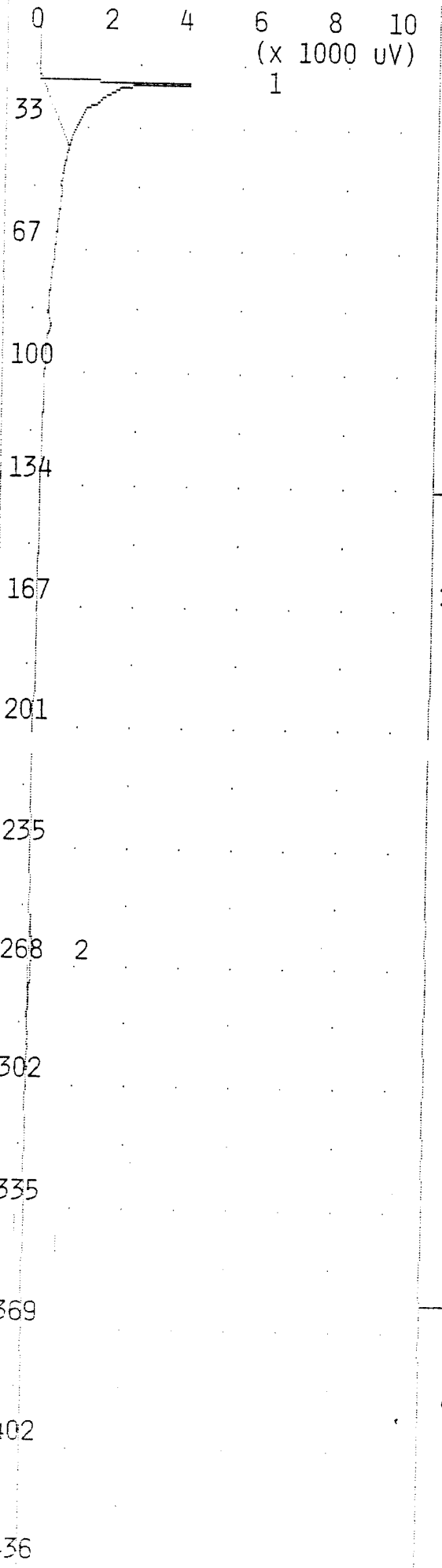
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	27.32	MVS	18.6
2	BENZENE	100.0	PPB	67.3
3	UNKNOWN	0.150	MVS	85.3
4	TOLUENE	100.0	PPB	139.4
5	UNKNOWN	17.78	MVS	260.8
6	ETHYLBENZENE	100.0	PPB	293.0
7	M,P-XYLENE	199.9	PPB	315.4
8	O-XYLENE	99.99	PPB	373.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
100 PPB BTEX

ANALYSIS #23 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 13:51
SAMPLE TIME: NOV 9,94 13:43

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

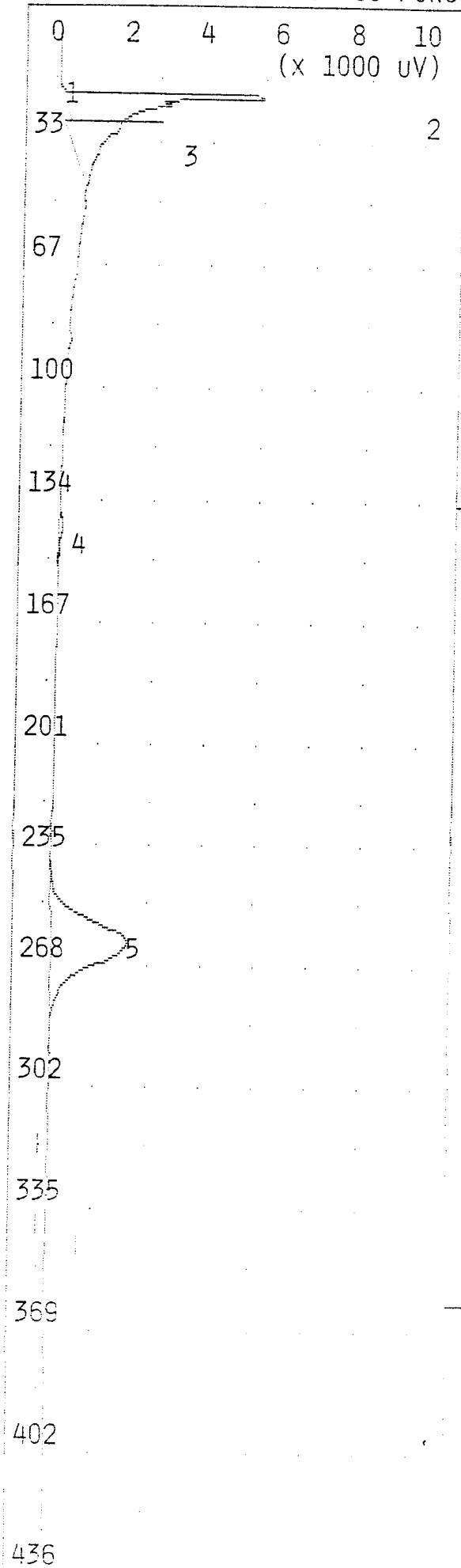
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	18.93 MVS	18.7
2	UNKNOWN	1.182 MVS	260.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 NOV 1994
~~100 PPB BTEX~~ 53
AIR BLANK

ANALYSIS #24 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 14:02
SAMPLE TIME: Nov 9,94 13:54

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

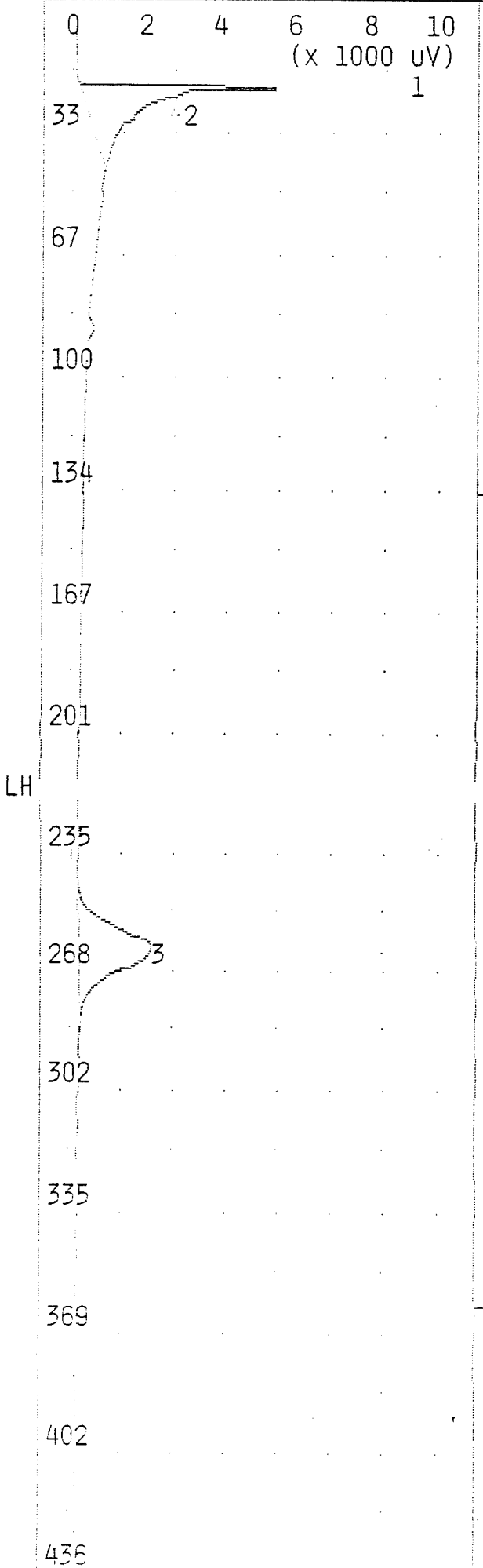
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	0.038	MVS	17.2
2	UNKNOWN	11.26	MVS	18.6
3	UNKNOWN	19.49	MVS	21.3
4	TOLUENE	0.785	PPB	139.4
5	UNKNOWN	30.59	MVS	260.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 NOV 1994
A48-003BH 18.5-20.0

ANALYSIS #25 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 14:13
SAMPLE TIME: NOV 9,94 14:05

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

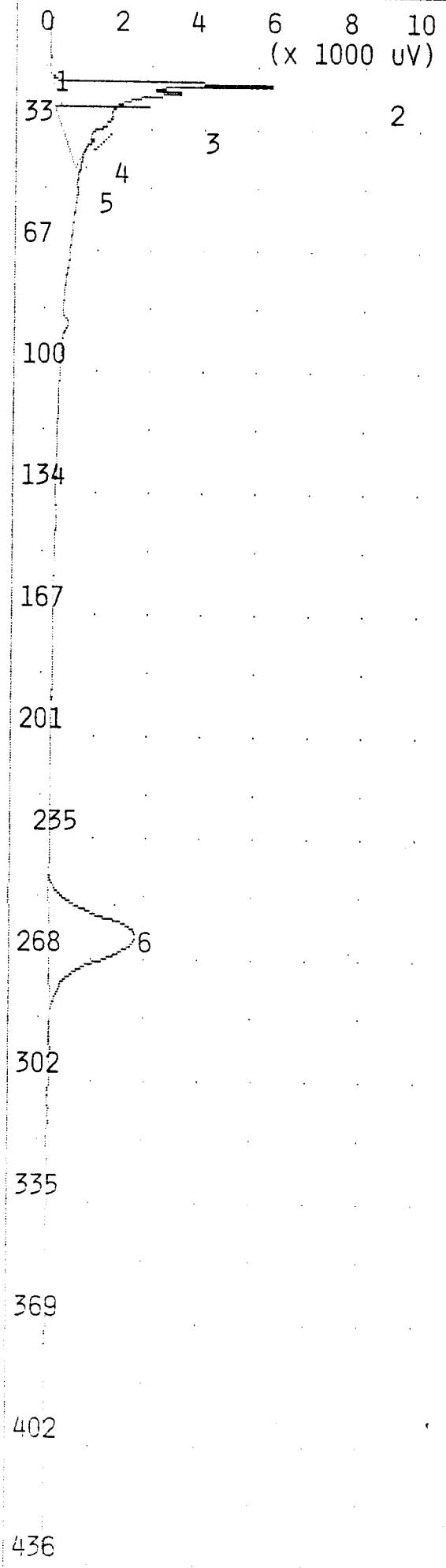
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	28.75 MVS	18.6
2	UNKNOWN	0.061 MVS	20.4
3	UNKNOWN	30.32 MVS	259.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
A48-003BH 23.5-24.5

ANALYSIS #26 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94	14:29	
SAMPLE TIME: NOV 9,94	14:21	
METHOD		
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

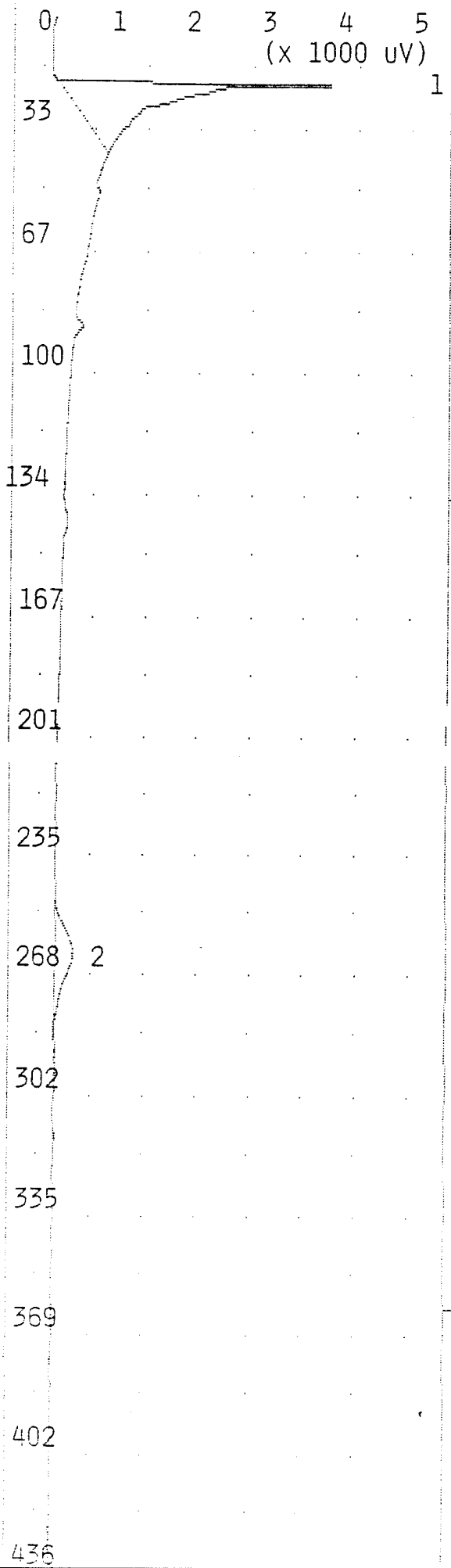
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.106 MVS	17.4
2	UNKNOWN	9.201 MVS	18.7
3	UNKNOWN	21.83 MVS	21.4
4	UNKNOWN	0.489 MVS	28.0
5	UNKNOWN	0.133 MVS	34.3
6	UNKNOWN	36.27 MVS	260.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
A48-003BH 28.5-30.0

ANALYSIS #27 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 14:40
SAMPLE TIME: NOV 9,94 14:32

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

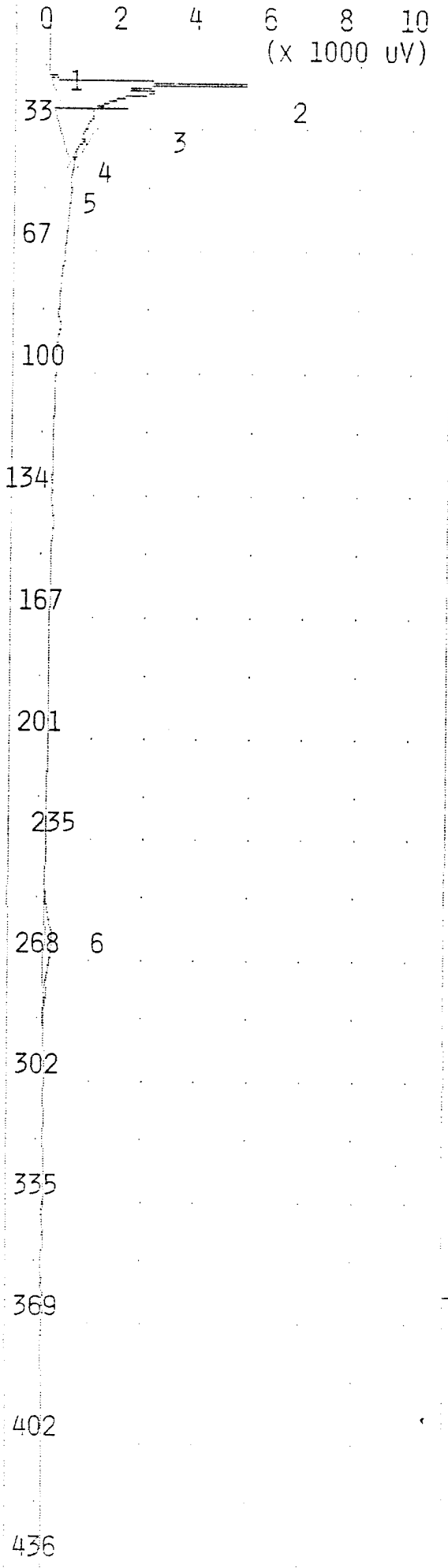
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	18.50 MVS	18.8
2	UNKNOWN	3.879 MVS	260.5

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
A48-003BH 33.5-34.5

ANALYSIS #28 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 14:53
SAMPLE TIME: Nov 9,94 14:45

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

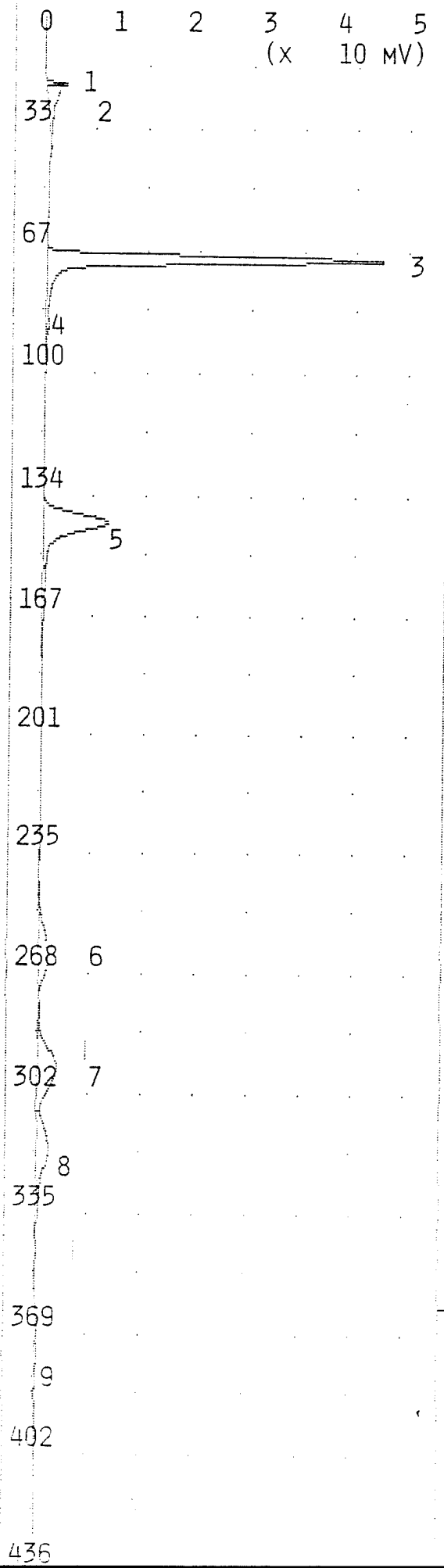
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.230 MVS	17.4
2	UNKNOWN	8.424 MVS	18.8
3	UNKNOWN	15.76 MVS	21.4
4	UNKNOWN	0.124 MVS	28.2
5	UNKNOWN	0.120 MVS	34.5
6	UNKNOWN	3.068 MVS	261.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
A48-003BH 38.5-39.5

ANALYSIS #29 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 15:04
SAMPLE TIME: Nov 9,94 14:56

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

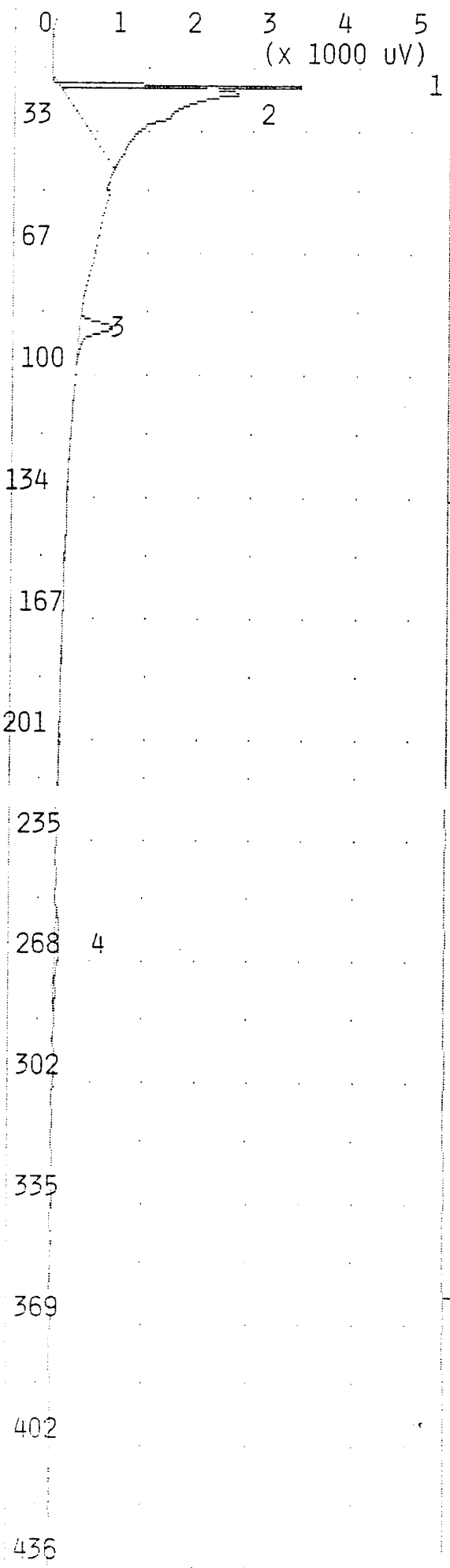
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	3.509	MVS	18.8
2	UNKNOWN	12.78	MVS	20.7
3	BENZENE	99.96	PPB	67.3
4	UNKNOWN	0.549	MVS	85.3
5	TOLUENE	94.61	PPB	139.4
6	UNKNOWN	21.81	MVS	260.5
7	ETHYLBENZENE	89.52	PPB	292.8
8	M,P-XYLENE	176.7	PPB	315.2
9	O-XYLENE	86.58	PPB	372.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
100 PPB BTEX

ANALYSIS #30 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 15:15
SAMPLE TIME: NOV 9,94 15:07

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

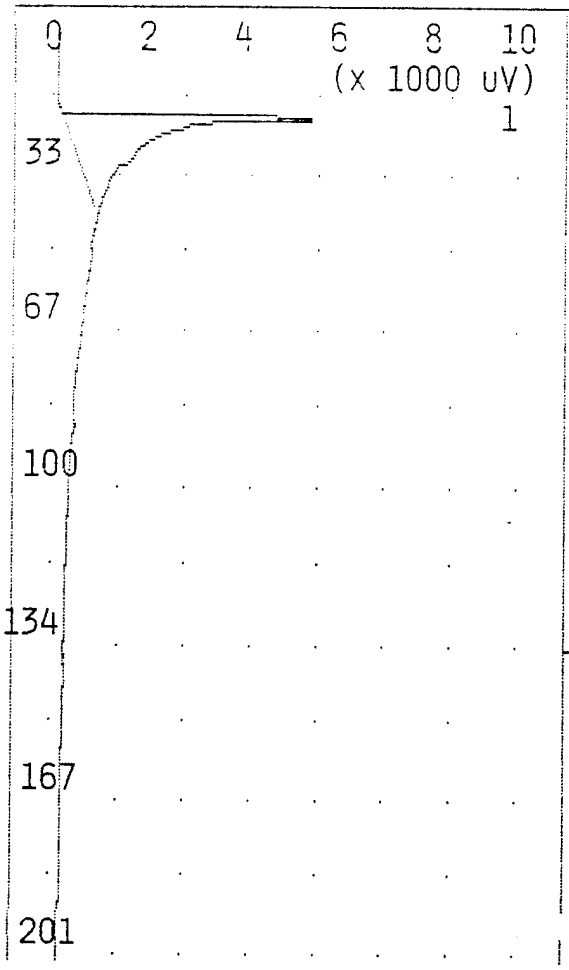
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.333 MVS	18.7
2	UNKNOWN	19.90 MVS	20.7
3	UNKNOWN	1.752 MVS	85.4
4	UNKNOWN	0.688 MVS	260.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
AIR BLANK

ANALYSIS #31 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 15:26
SAMPLE TIME: NOV 9,94 15:18

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

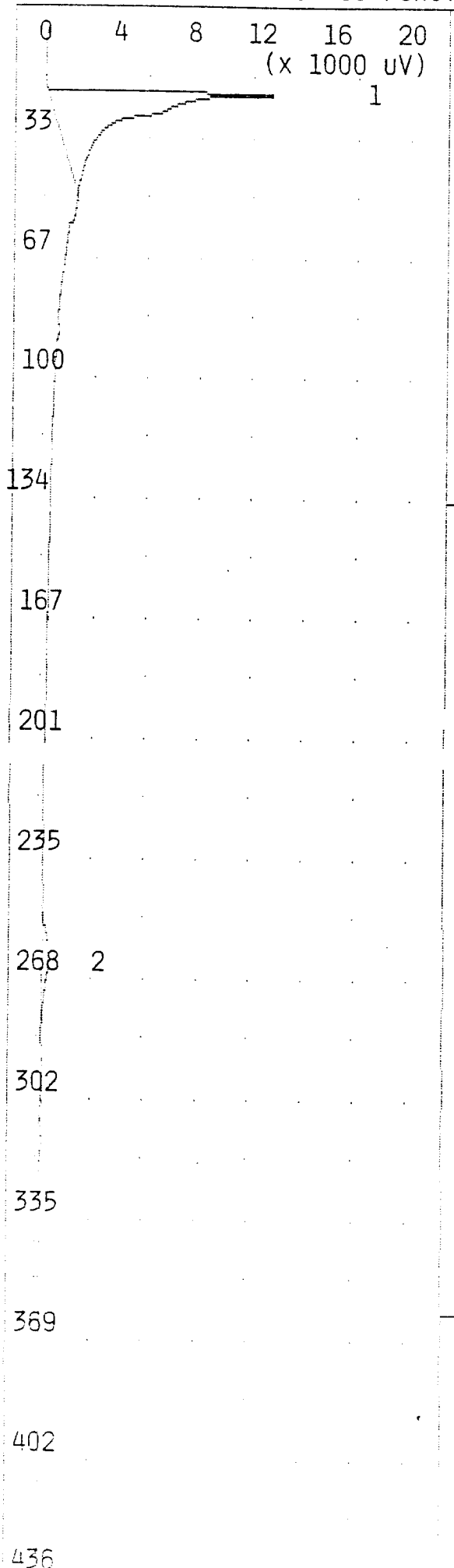
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	29.23 MVS	18.6
2	UNKNOWN	3.122 MVS	260.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
FTA-001BH 1.0- 2.5

ANALYSIS #32 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 15:39
SAMPLE TIME: Nov 9,94 15:31

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

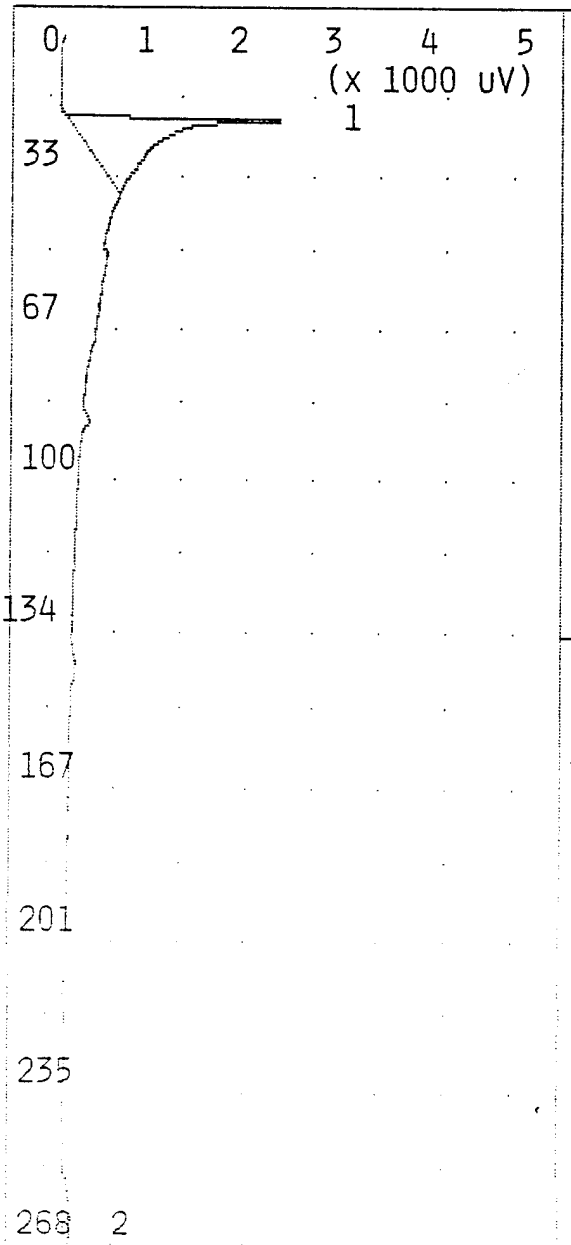
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	84.52 MVS	18.7
2	UNKNOWN	5.206 MVS	260.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
FTA-001BH 4.5- 6.0

ANALYSIS #33 10S+ GC FUNCTION ANALYSIS REPORT



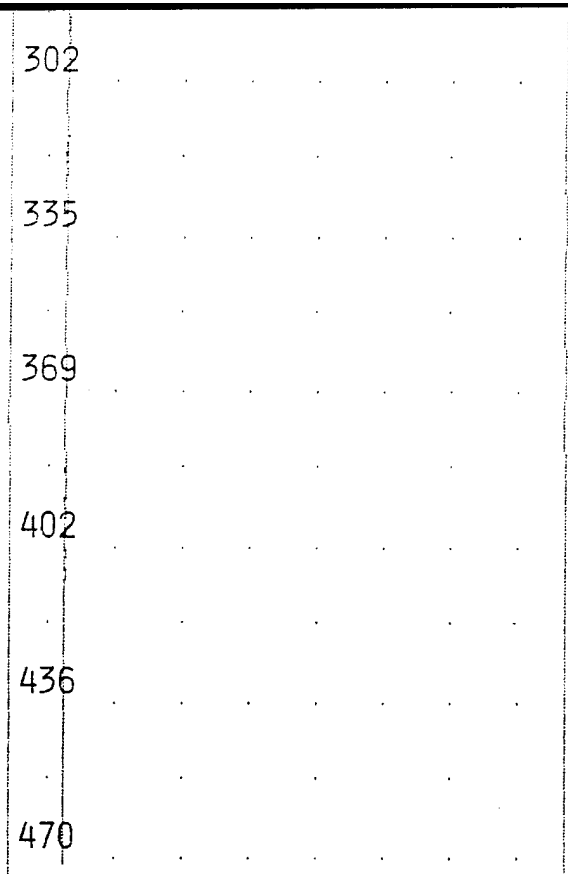
TIME PRINTED: NOV 9,94 15:51
SAMPLE TIME: NOV 9,94 15:43

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

PEAK REPORT

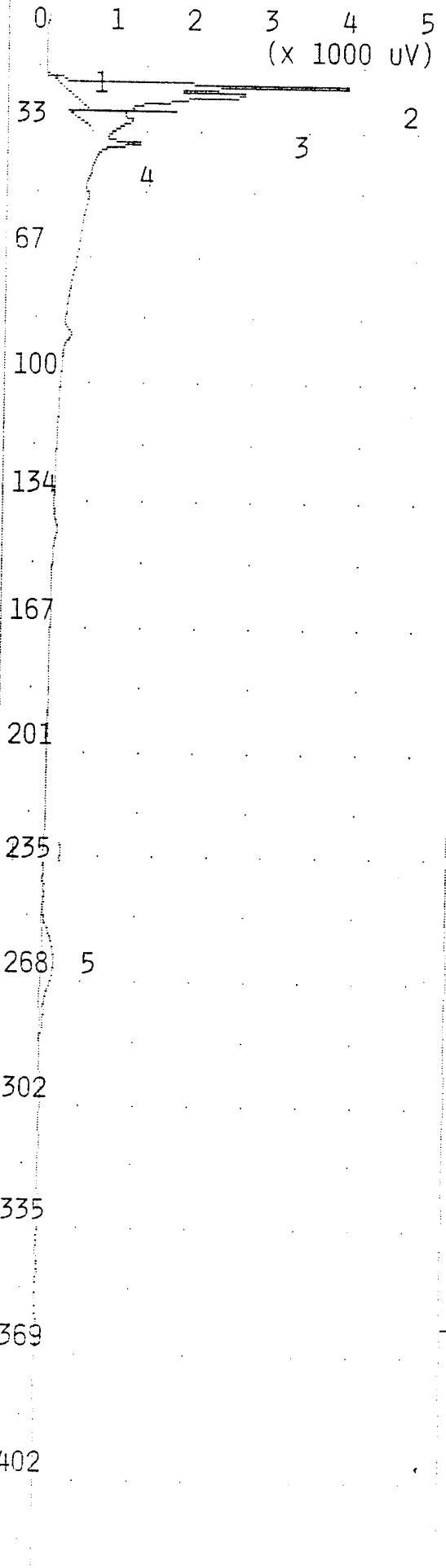
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	11.08 MVS	18.8
2	UNKNOWN	1.266 MVS	260.8



NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 Nov 1994
FTA-001BH 8.5- 9.5

ANALYSIS #34 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 16:06
SAMPLE TIME: Nov 9,94 15:58

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

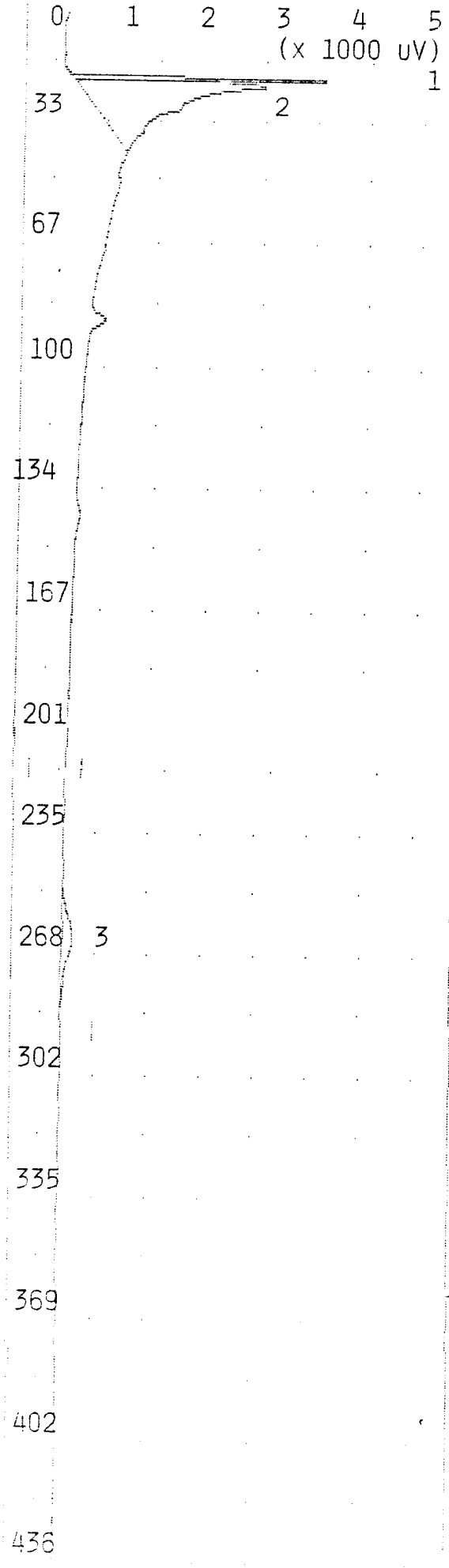
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.216 MVS	17.4
2	UNKNOWN	6.097 MVS	19.0
3	UNKNOWN	7.617 MVS	21.4
4	UNKNOWN	0.149 MVS	28.4
5	UNKNOWN	2.319 MVS	261.3

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
FTA-001BH 13.5-14.0

ANALYSIS #35 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 16:17
SAMPLE TIME: NOV 9,94 16:09

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

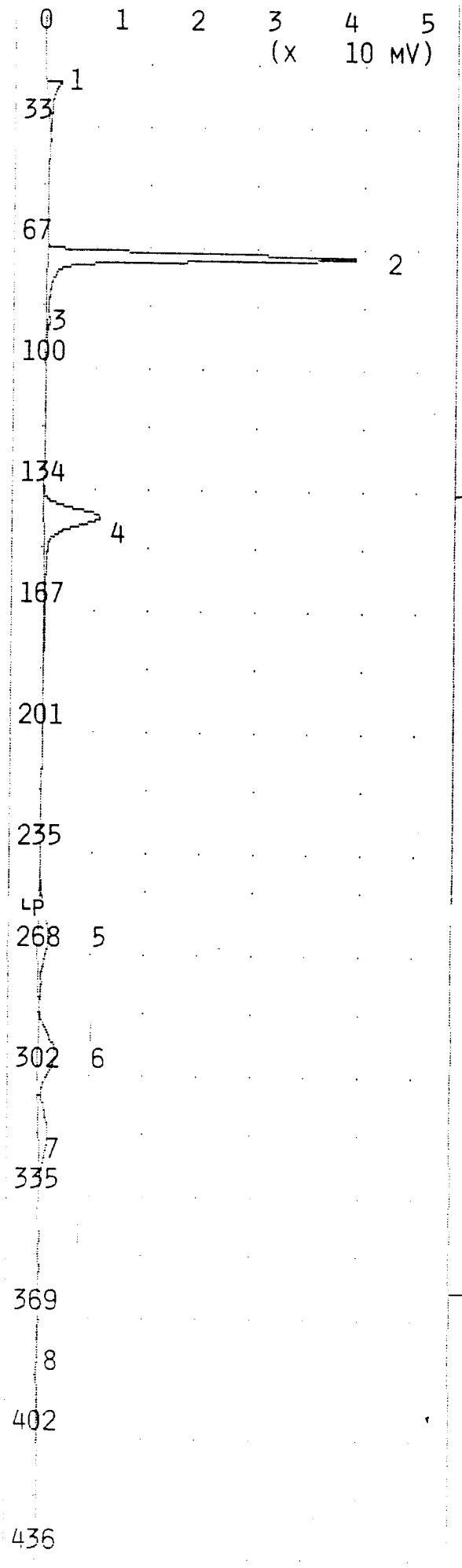
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.376 MVS	18.8
2	UNKNOWN	19.19 MVS	21.3
3	UNKNOWN	2.010 MVS	260.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
FTA-001BH 18.5-19.5

ANALYSIS #36 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 16:28
SAMPLE TIME: NOV 9,94 16:20

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

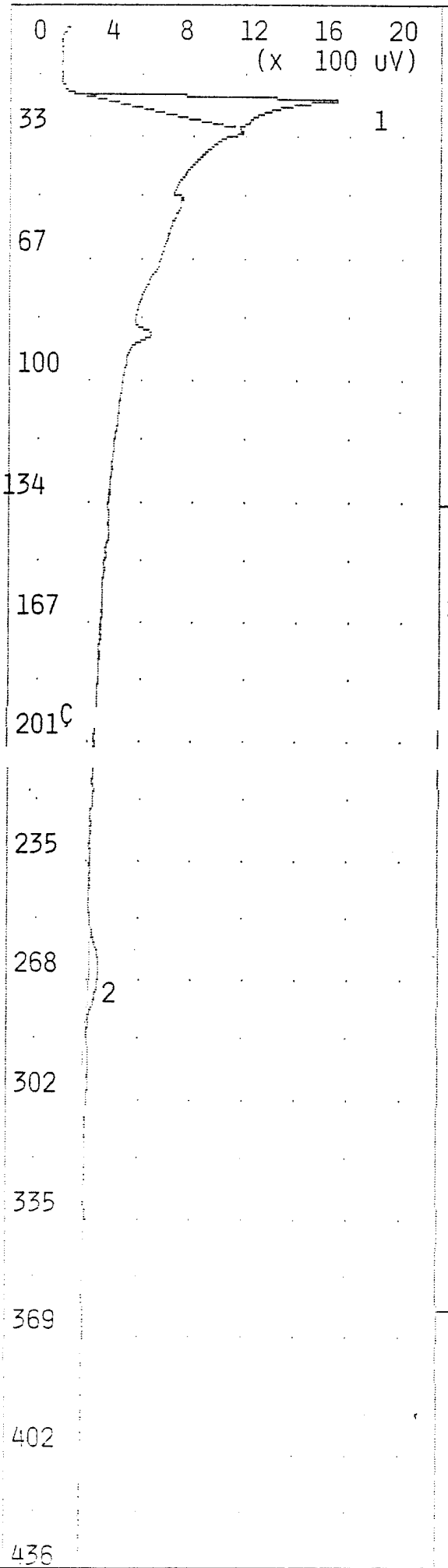
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	11.44	MVS	19.0
2	BENZENE	90.12	PPB	67.4
3	UNKNOWN	0.789	MVS	85.8
4	TOLUENE	82.77	PPB	139.7
5	UNKNOWN	18.90	MVS	261.0
6	ETHYLBENZENE	68.99	PPB	293.3
7	M,P-XYLENE	126.1	PPB	316.8
8	O-XYLENE	64.24	PPB	373.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
100 PPB BTEX

ANALYSIS #37 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 16:44
SAMPLE TIME: NOV 9,94 16:36

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

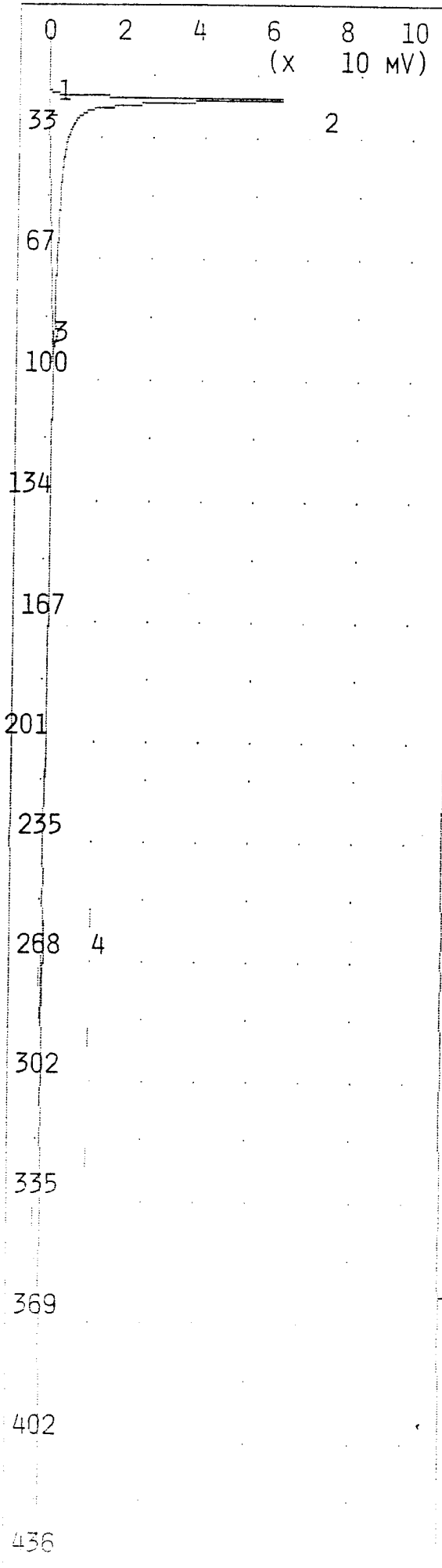
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.729	MVS	20.8
2	ETHYLBENZENE	2.934	PPB	265.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
AIR BLANK

ANALYSIS #38 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 16:56
SAMPLE TIME: Nov 9,94 16:48

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

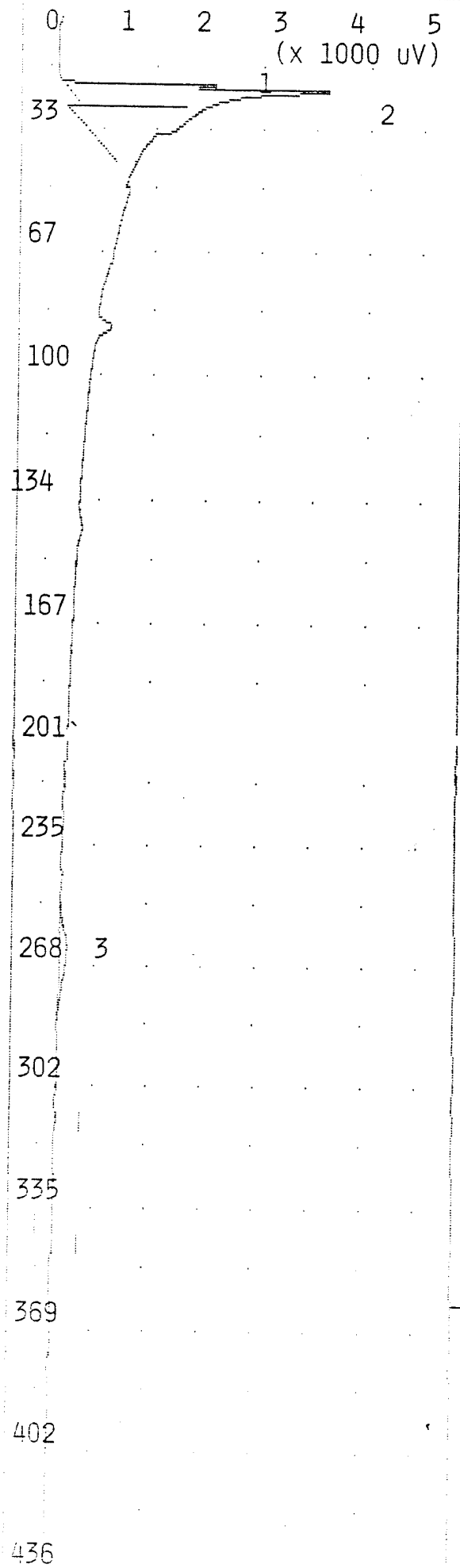
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.608 MVS	18.8
2	UNKNOWN	301.6 MVS	20.4
3	UNKNOWN	3.352 MVS	85.8
4	UNKNOWN	2.388 MVS	260.5

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
FTA-003BH 1.0- 2.5

ANALYSIS #39 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 17:07
SAMPLE TIME: Nov 9,94 16:59

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

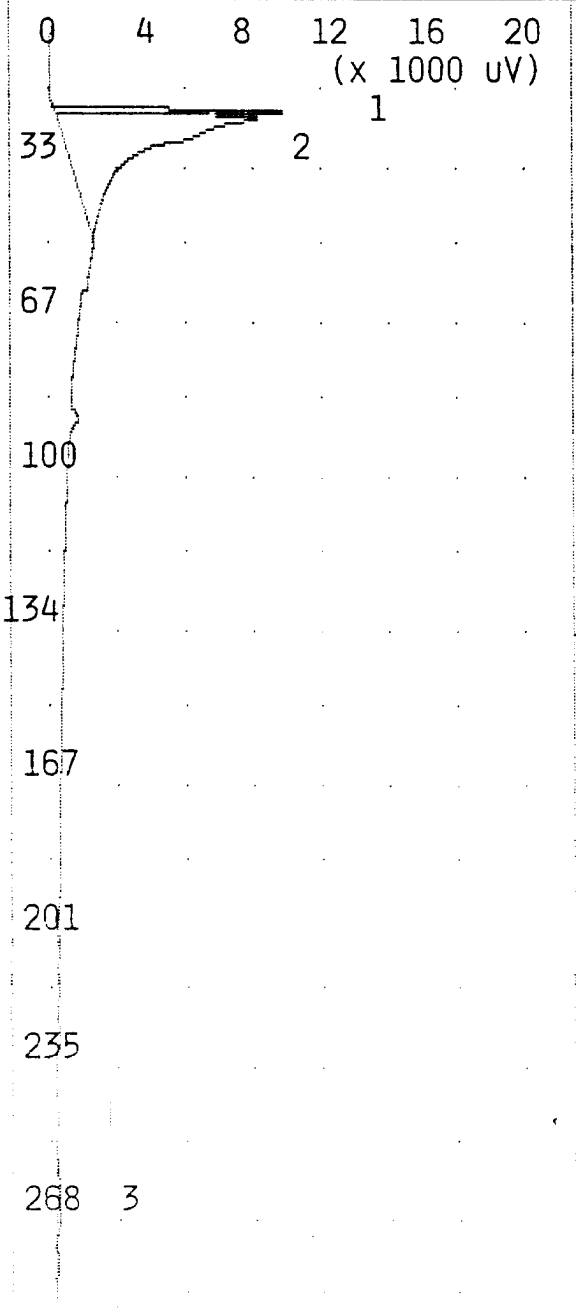
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.245 MVS	19.0
2	UNKNOWN	24.32 MVS	20.5
3	UNKNOWN	1.242 MVS	260.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 NOV 1994
FTA-003BH 4.5- 6.0

ANALYSIS #40 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 17:18
SAMPLE TIME: Nov 9,94 17:10

METHOD

SLOPE UP	0.500	mV/SEC
SLOPE DOWN	1.500	mV/SEC
MIN AREA	0.000	mVSEC
MIN HEIGHT	0.000	mV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	12.70 mVS	18.7
2	UNKNOWN	69.24 mVS	20.6
3	UNKNOWN	1.166 mVS	260.2

302

335

369

402

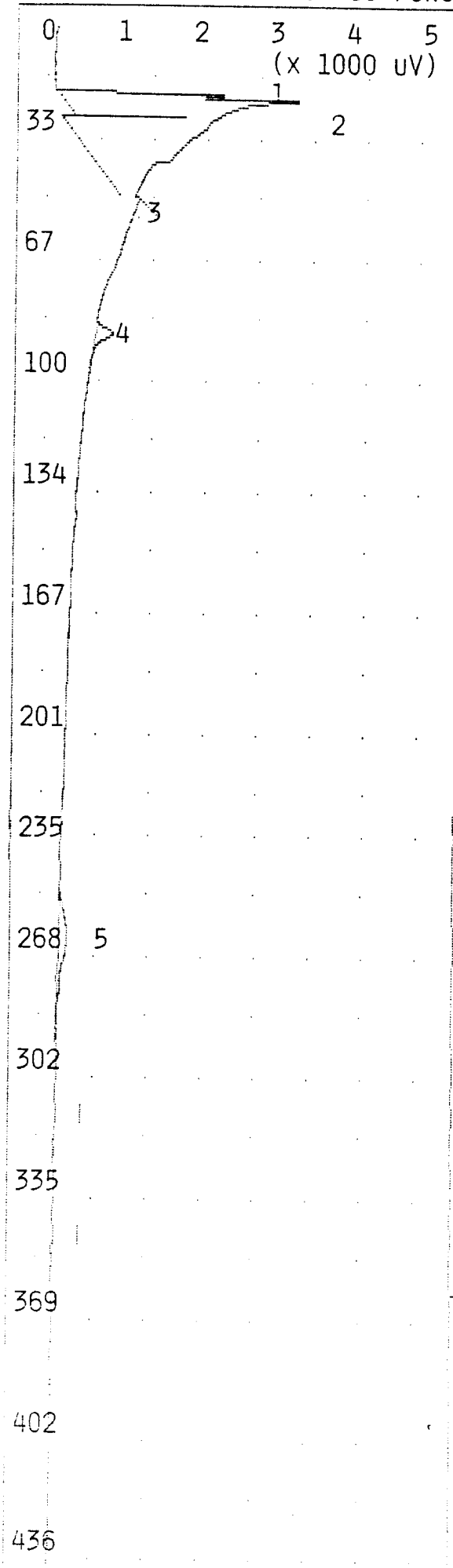
436

470

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
FTA-003BH 8.5- 9.5

ANALYSIS #41 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 17:29
SAMPLE TIME: Nov 9,94 17:21

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

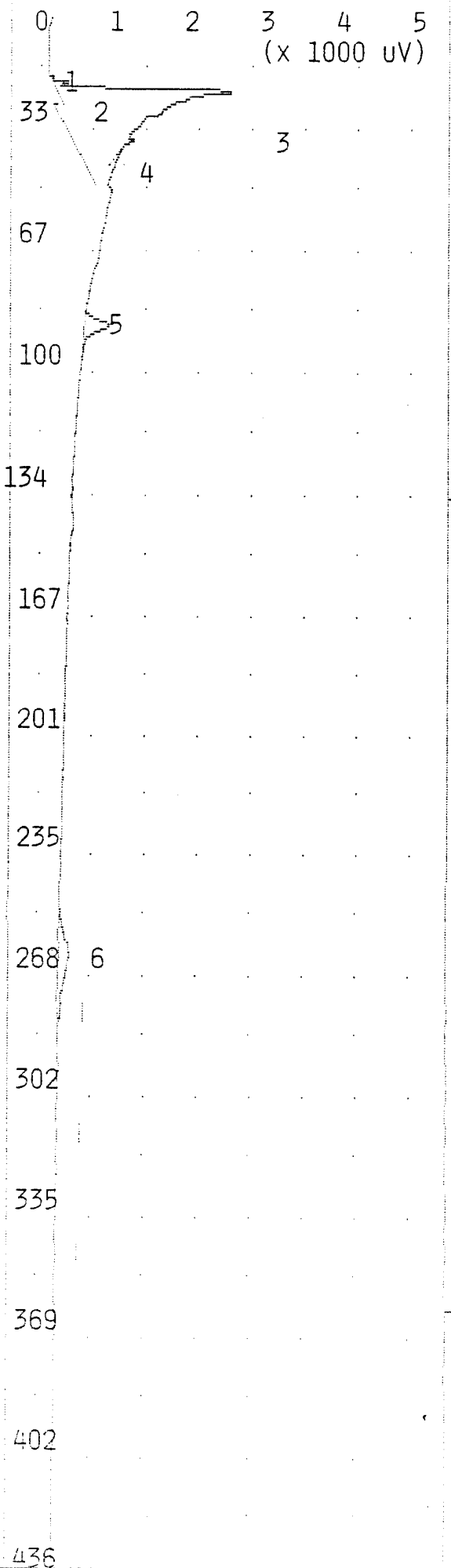
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.643 MVS	18.7
2	UNKNOWN	32.03 MVS	20.4
3	UNKNOWN	0.014 MVS	47.8
4	UNKNOWN	0.803 MVS	85.3
5	UNKNOWN	1.484 MVS	260.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
FTA-003BH 13.5-15.0

ANALYSIS #42 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 17:40
SAMPLE TIME: NOV 9,94 17:32

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

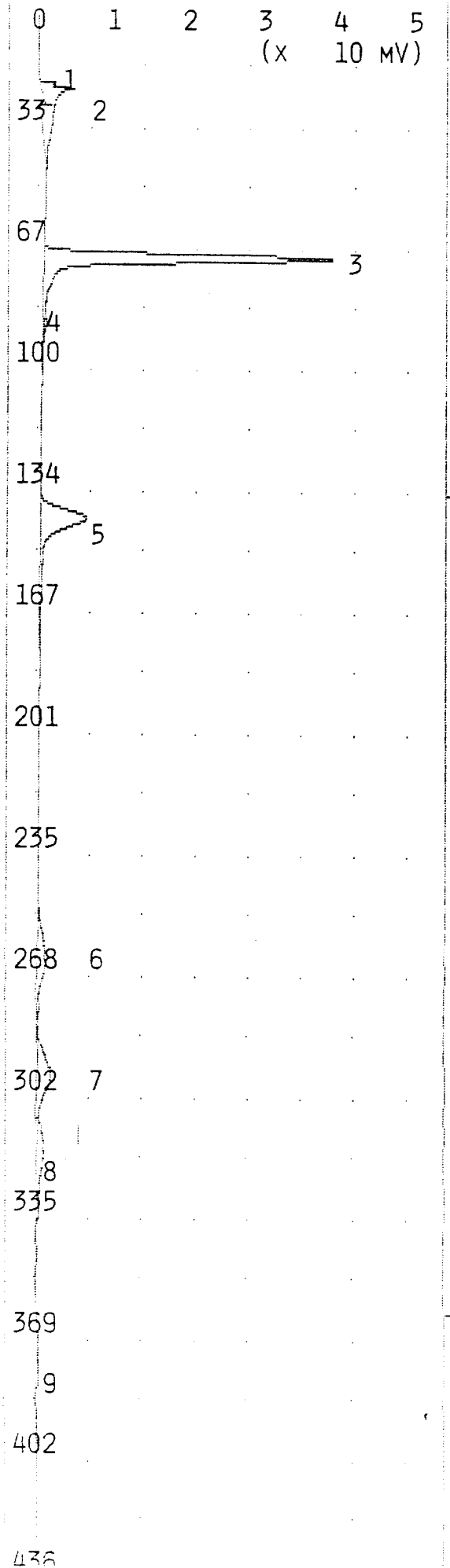
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.059 MVS	17.2
2	UNKNOWN	0.204 MVS	18.4
3	UNKNOWN	21.85 MVS	20.6
4	UNKNOWN	0.101 MVS	34.4
5	UNKNOWN	1.243 MVS	85.6
6	UNKNOWN	1.889 MVS	260.5

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
FTA-003BH 18.5-19.5

ANALYSIS #43 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 17:51
SAMPLE TIME: NOV 9,94 17:43

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

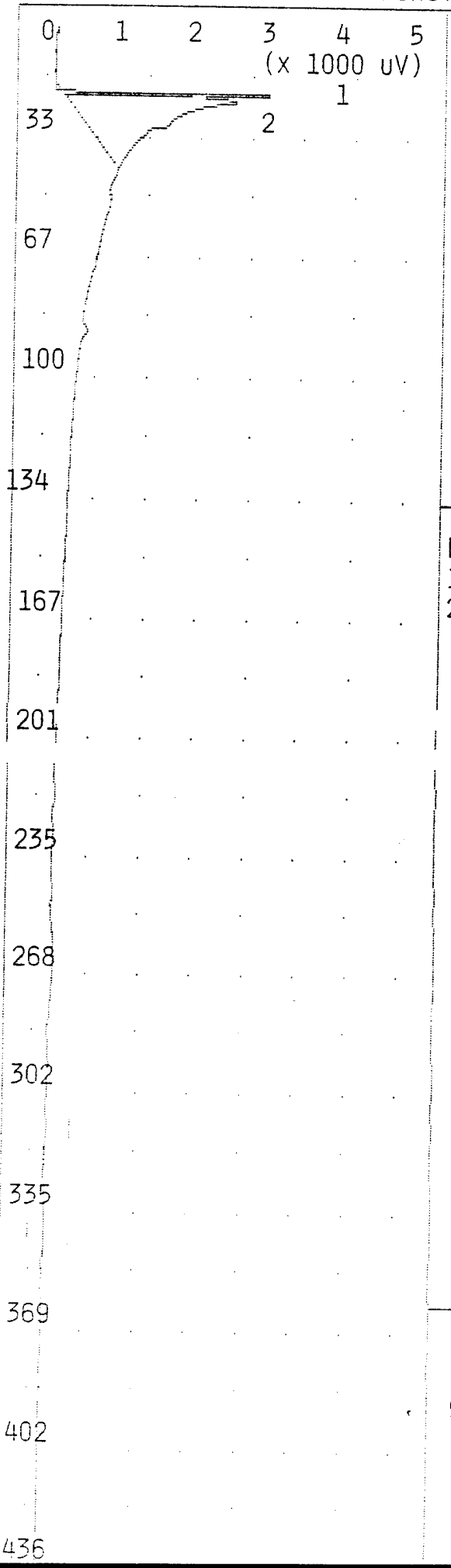
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.354 MVS	18.9
2	UNKNOWN	26.61 MVS	20.6
3	BENZENE	100.3 PPB	67.4
4	UNKNOWN	0.813 MVS	85.7
5	TOLUENE	81.35 PPB	139.4
6	UNKNOWN	16.02 MVS	260.8
7	ETHYLBENZENE	82.77 PPB	292.8
8	M,P-XYLENE	165.4 PPB	316.2
9	O-XYLENE	84.34 PPB	373.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
100 PB BTEX

ANALYSIS #44 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 18:02
SAMPLE TIME: NOV 9,94 17:54

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

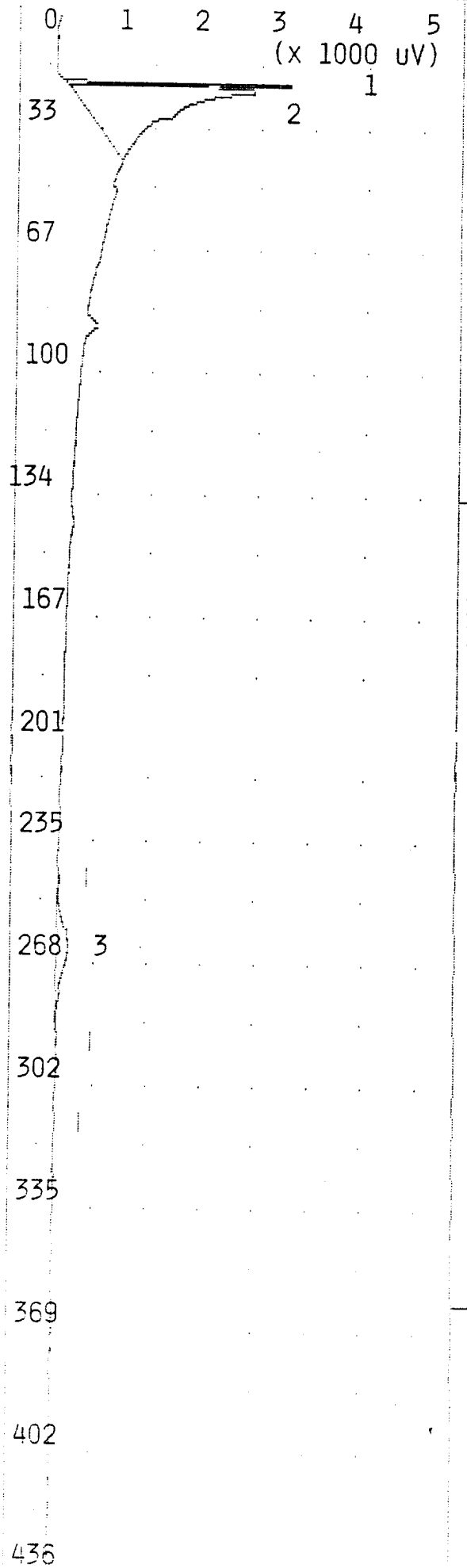
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.263 MVS	18.8
2	UNKNOWN	18.15 MVS	20.7

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 NOV 1994
AIR BLANK

ANALYSIS #45 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 9,94 18:13
SAMPLE TIME: NOV 9,94 18:05

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

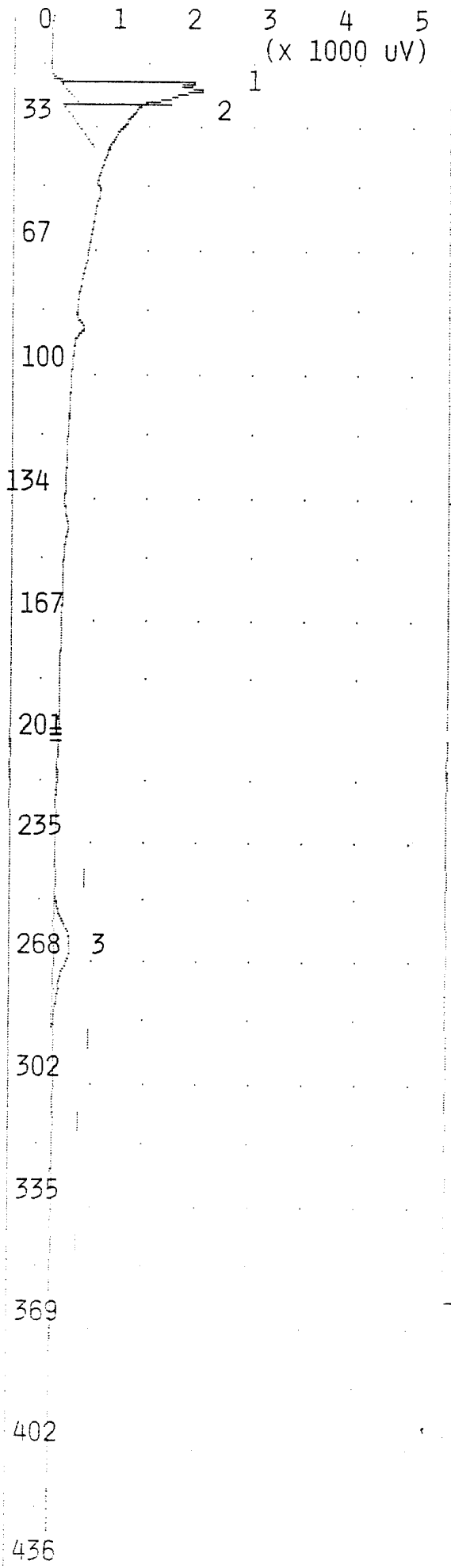
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.395 MVS	18.9
2	UNKNOWN	18.61 MVS	20.6
3	UNKNOWN	2.125 MVS	261.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
FTA-002BH 1.0- 2.5

ANALYSIS #46 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 18:24
SAMPLE TIME: Nov 9,94 18:16

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

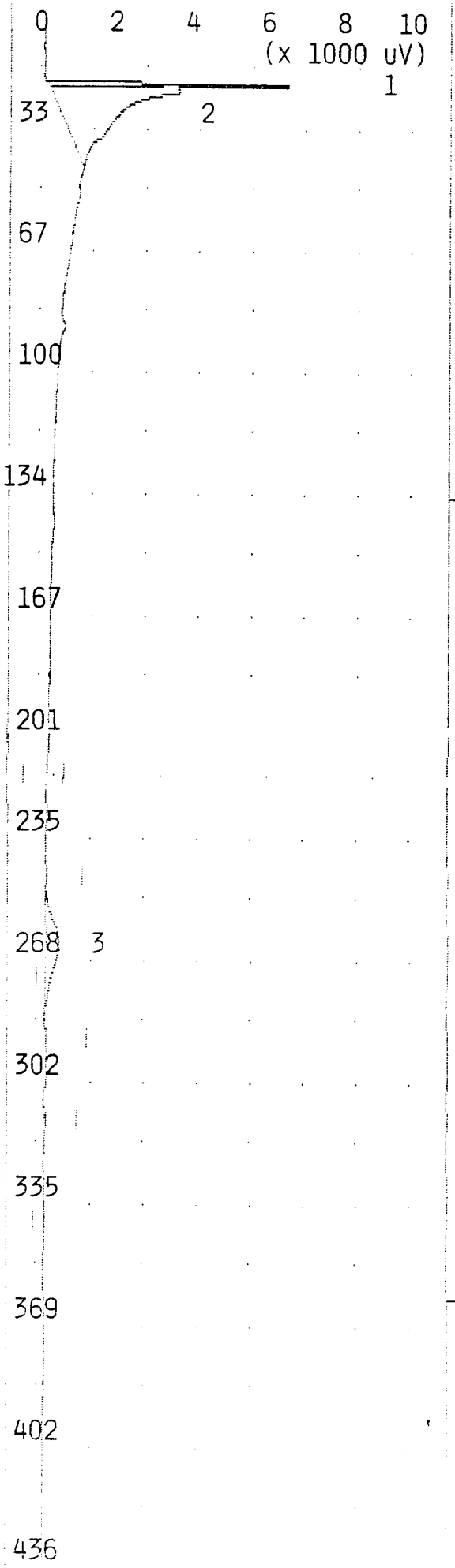
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.375 MVS	19.0
2	UNKNOWN	12.56 MVS	20.8
3	UNKNOWN	3.255 MVS	260.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
FTA-002BH 4.5- 6.0

ANALYSIS #47 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED:	NOV 9,94	18:35
SAMPLE TIME:	NOV 9,94	18:27

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

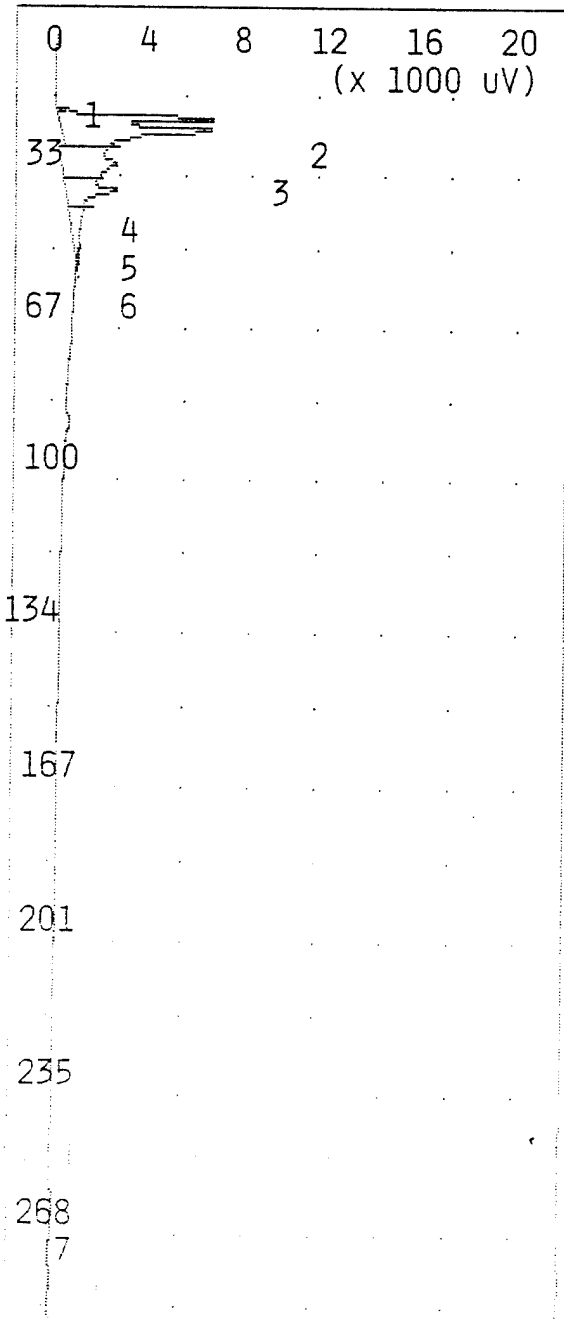
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.451 MVS	18.8
2	UNKNOWN	27.37 MVS	20.7
3	UNKNOWN	5.436 MVS	261.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
9 NOV 1994
FTA-002BH 8.5-10.0

ANALYSIS #48 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED:	NOV 9,94	18:46
SAMPLE TIME:	NOV 9,94	18:38

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.784 MVS	17.4
2	UNKNOWN	10.31 MVS	18.8
3	UNKNOWN	22.16 MVS	21.4
4	UNKNOWN	11.31 MVS	28.6
5	UNKNOWN	8.388 MVS	34.7
6	UNKNOWN	0.116 MVS	46.8
7	UNKNOWN	0.924 MVS	263.2

302

335

369

402

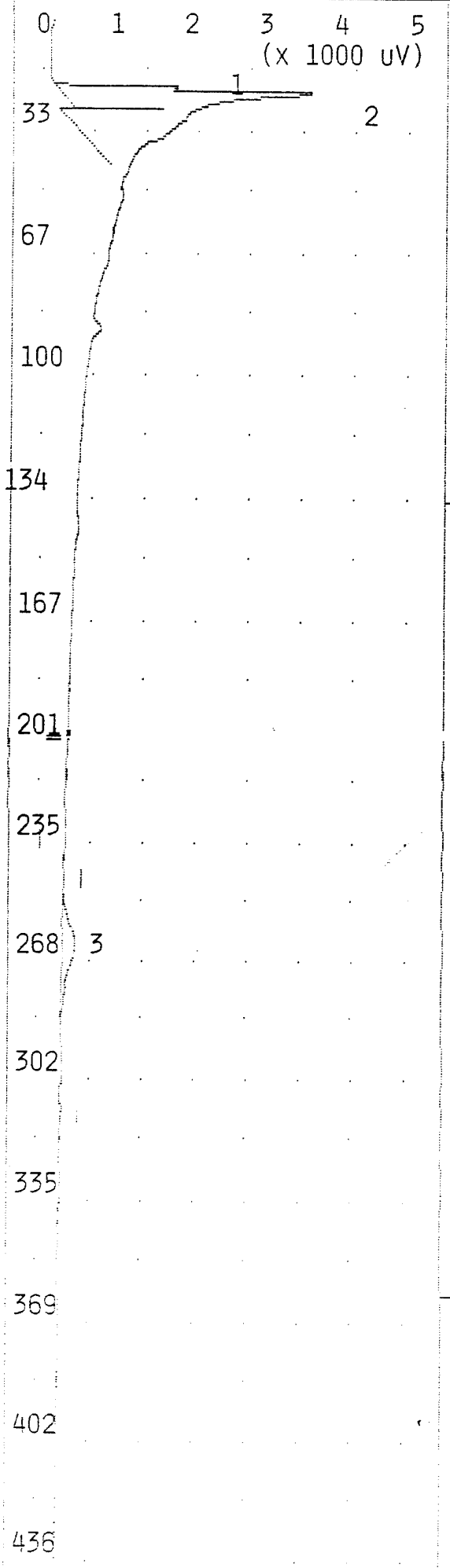
436

470

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
FTA-002BH 13.5-15.0

ANALYSIS #49 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 18:58
SAMPLE TIME: Nov 9,94 18:50

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

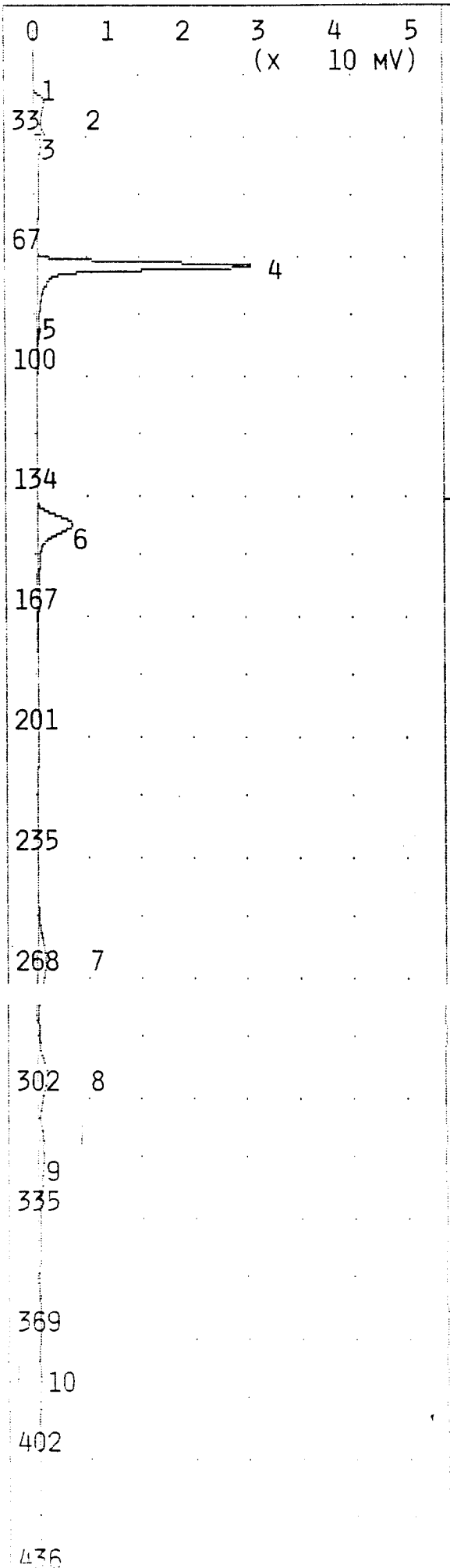
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.108 MVS	19.0
2	UNKNOWN	25.11 MVS	20.5
3	UNKNOWN	2.525 MVS	262.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
FTA-002BH 18.5-20.0

ANALYSIS #50 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 9,94 19:09
SAMPLE TIME: Nov 9,94 19:01

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	470.0	SEC

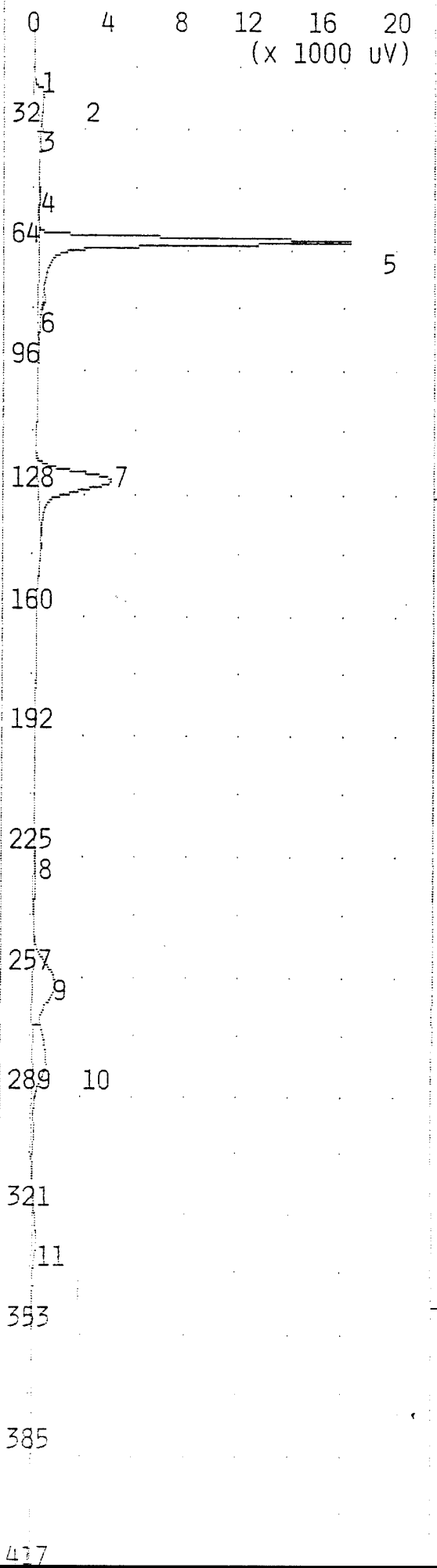
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	0.035	MVS	18.6
2	UNKNOWN	0.775	MVS	19.4
3	UNKNOWN	5.667	MVS	20.8
4	BENZENE	73.13	PPB	67.6
5	UNKNOWN	0.388	MVS	85.4
6	TOLUENE	66.85	PPB	140.0
7	UNKNOWN	15.06	MVS	261.8
8	ETHYLBENZENE	59.88	PPB	293.8
9	M,P-XYLENE	130.8	PPB	316.2
10	O-XYLENE	65.77	PPB	374.3

NOTES

JOE BYRD, JR.
COOS BAY ANGS
9 NOV 1994
100 PPB BTEX

ANALYSIS #1 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 08:01
SAMPLE TIME: Nov 10,94 07:53

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	125	ML/MIN
B/F FLOW	125	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	25	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	0.035	MVS	16.8
2	UNKNOWN	0.792	MVS	19.4
3	UNKNOWN	0.904	MVS	21.0
4	UNKNOWN	0.483	MVS	46.4
5	UNKNOWN	48.69	MVS	59.7
6	UNKNOWN	0.341	MVS	75.4
7	UNKNOWN	24.99	MVS	122.9
8	UNKNOWN	0.945	MVS	227.6
9	UNKNOWN	15.34	MVS	256.8
10	UNKNOWN	11.72	MVS	276.5
11	UNKNOWN	3.347	MVS	326.9

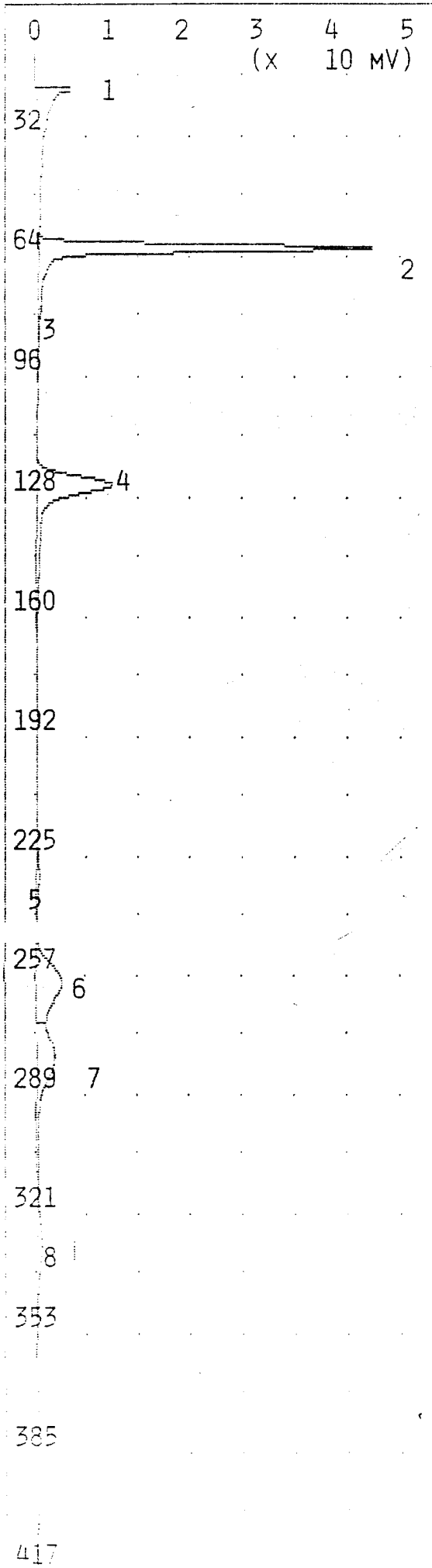
Clogged Syringe

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
100 PPB BTEX

****
*** THE AIR FLOW NOTATIONS
*** SHOULD READ 12.5 ML PER MIN

ANALYSIS #2 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 08:13
SAMPLE TIME: Nov 10,94 08:05

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	125	ML/MIN
B/F FLOW	125	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	25	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

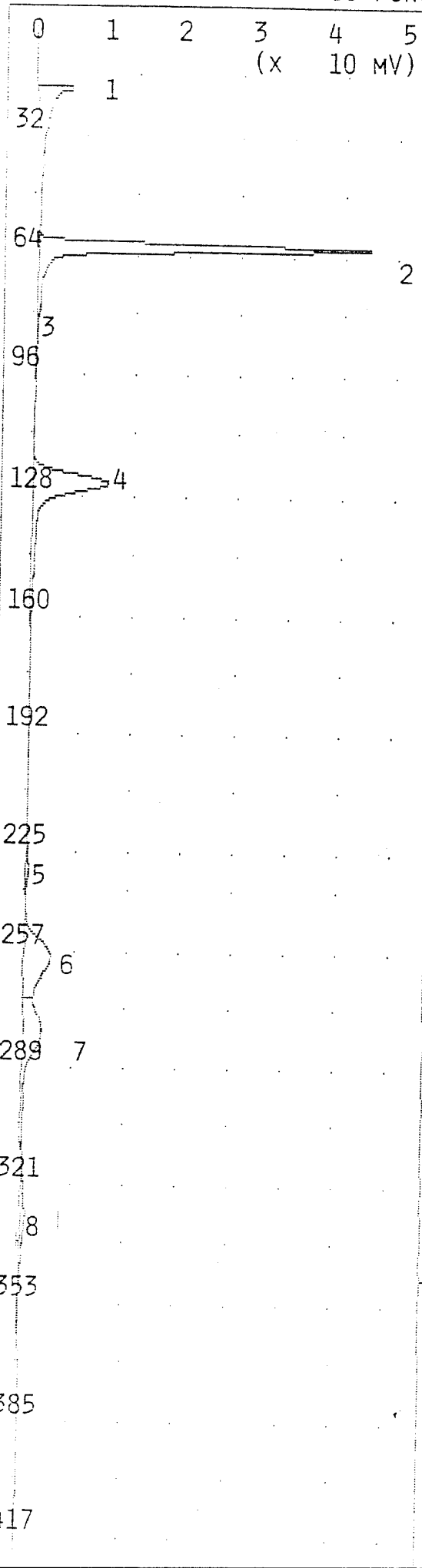
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	29.57 MVS	17.1
2	UNKNOWN	122.3 MVS	59.9
3	UNKNOWN	0.359 MVS	75.6
4	UNKNOWN	67.87 MVS	122.9
5	UNKNOWN	4.370 MVS	229.0
6	UNKNOWN	47.40 MVS	256.8
7	UNKNOWN	39.57 MVS	276.2
8	UNKNOWN	11.43 MVS	327.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
100 PPB BTEX

****
*** THE AIR FLOW NOTATIONS
*** SHOULD READ 12 ML PER MIN.

ANALYSIS #2 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 08:21
SAMPLE TIME: Nov 10,94 08:05

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	125	ML/MIN
B/F FLOW	125	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

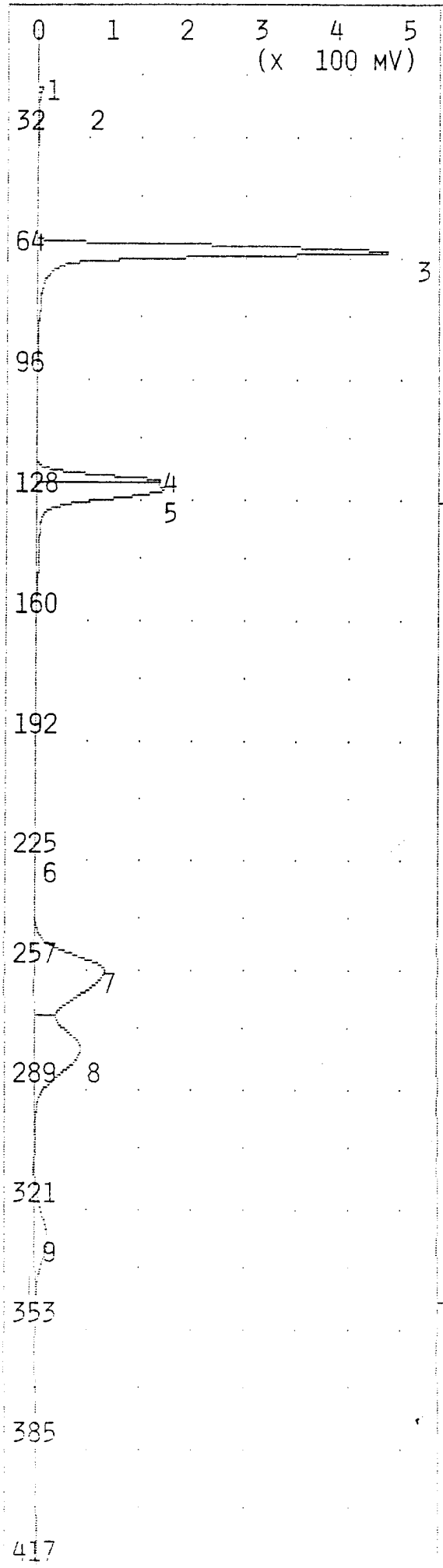
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	29.57 MVS	17.1
2	BENZENE	100.0 PPB	59.9
3	UNKNOWN	0.359 MVS	75.6
4	TOLUENE	100.0 PPB	122.9
5	UNKNOWN	4.370 MVS	229.0
6	ETHYLBENZENE	100.0 PPB	256.8
7	MP-XYLENE	200.0 PPB	276.2
8	O-XYLENE	100.0 PPB	327.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
100 PPB BTEX

****
*** THE AIR FLOW NOTATIONS
*** SHOULD READ 12 ML PER MIN.
****

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 08:38
SAMPLE TIME: Nov 10,94 08:30

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	125	ML/MIN
B/F FLOW	125	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

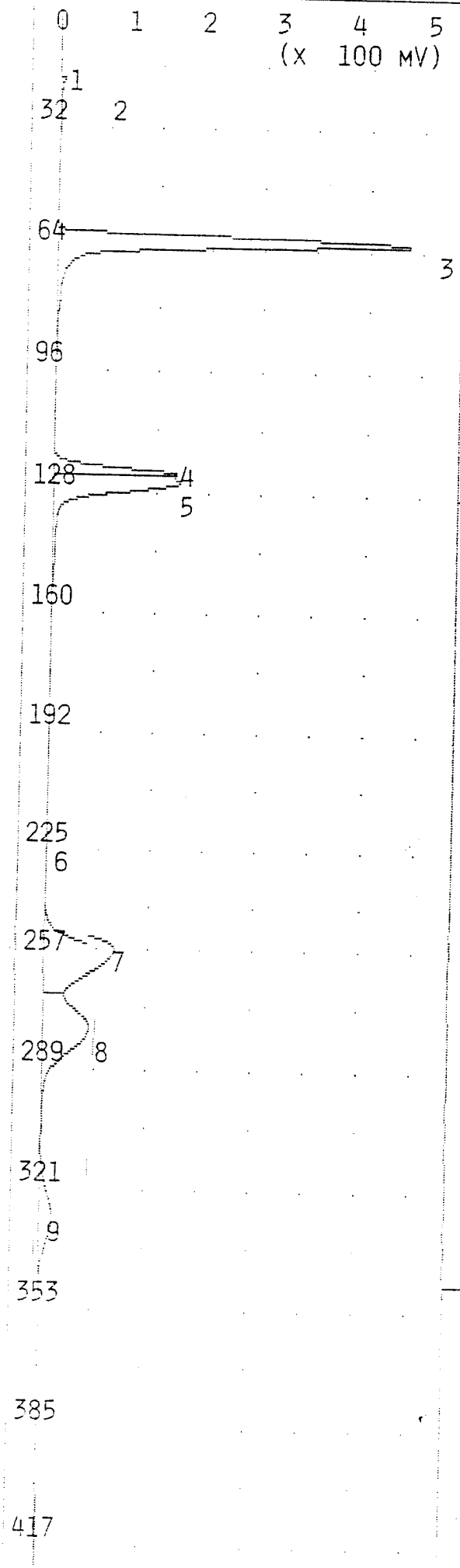
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.702 MVS	17.0
2	UNKNOWN	31.99 MVS	18.8
3	BENZENE	1.438 PPM	60.2
4	UNKNOWN	471.2 MVS	121.4
5	TOLUENE	1.231 PPM	123.6
6	UNKNOWN	2.054 MVS	226.4
7	ETHYLBENZENE	2.661 PPM	255.4
8	MP-XYLENE	4.622 PPM	276.2
9	O-XYLENE	2.892 PPM	326.9

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
1 PPM BTEX

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 08:43
SAMPLE TIME: Nov 10,94 08:30

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	125	ML/MIN
B/F FLOW	125	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

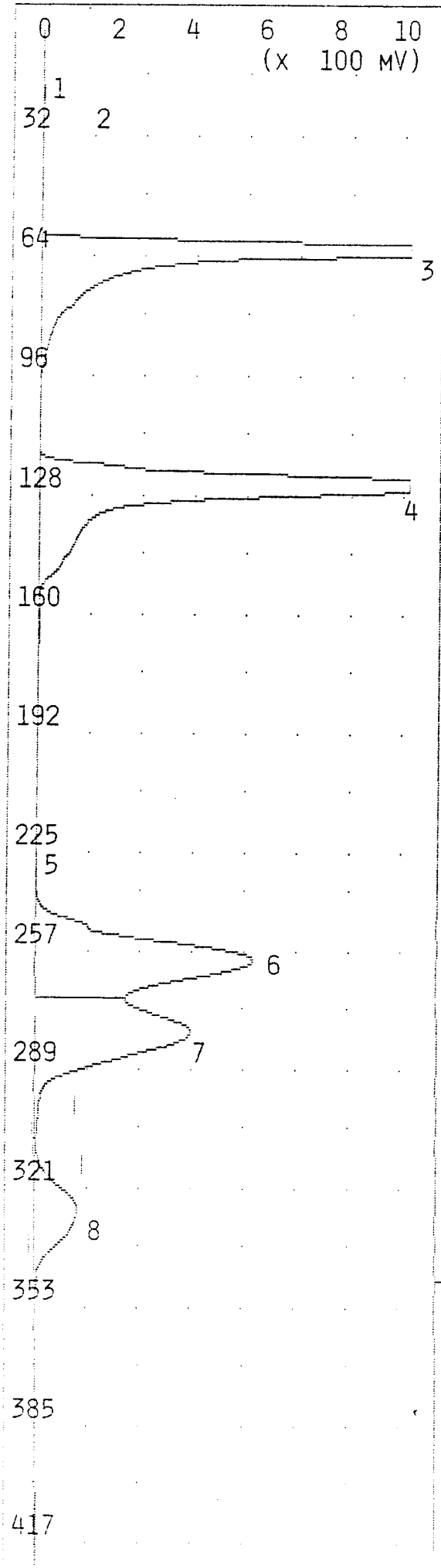
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.702 MVS	17.0
2	UNKNOWN	31.99 MVS	18.8
3	BENZENE	1.000 PPM	60.2
4	UNKNOWN	471.2 MVS	121.4
5	TOLUENE	1.000 PPM	123.6
6	UNKNOWN	2.054 MVS	226.4
7	ETHYLBENZENE	1.000 PPM	255.4
8	MP-XYLENE	2.000 PPM	276.2
9	O-XYLENE	1.003 PPM	326.9

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
1 PPM BTEX

ANALYSIS #4 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 08:56
SAMPLE TIME: NOV 10,94 08:48

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

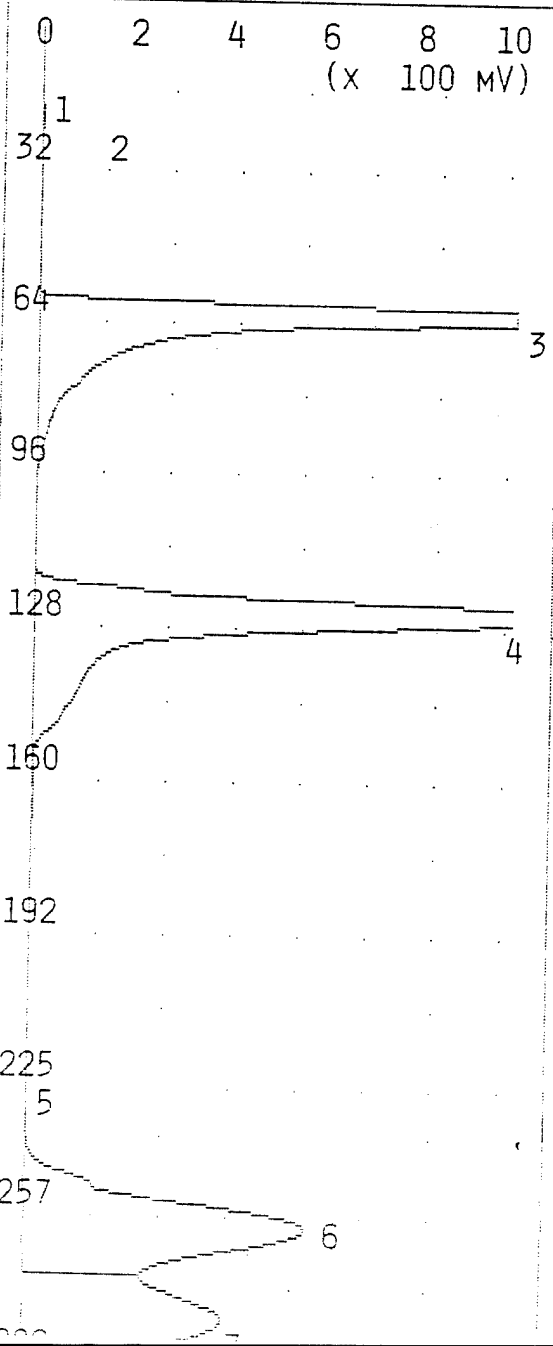
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.282	MVS	17.0
2	UNKNOWN	41.97	MVS	18.6
3	BENZENE	6.018	PPM	60.5
4	TOLUENE	13.01	PPM	123.6
5	UNKNOWN	4.275	MVS	223.0
6	ETHYLBENZENE	6.226	PPM	257.3
7	MP-XYLENE	13.62	PPM	276.8
8	O-XYLENE	6.154	PPM	325.3

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
10 PPM BTEX

ANALYSIS #4 10S+ GC FUNCTION ANALYSIS REPORT



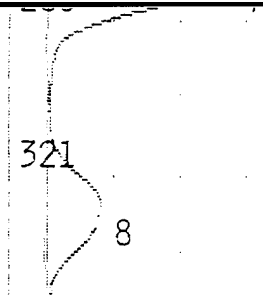
TIME PRINTED: Nov 10,94 09:01
SAMPLE TIME: Nov 10,94 08:48

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

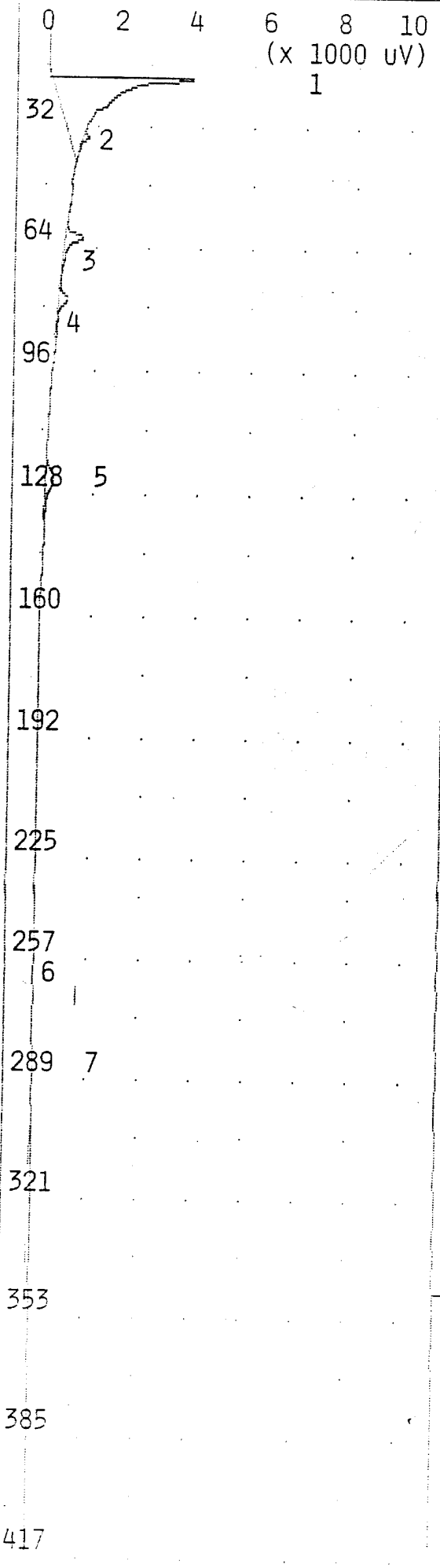
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.282 MVS	17.0
2	UNKNOWN	41.97 MVS	18.6
3	BENZENE	10.00 PPM	60.5
4	TOLUENE	10.00 PPM	123.6
5	UNKNOWN	4.275 MVS	223.0
6	ETHYLBENZENE	10.00 PPM	257.3
7	MP-XYLENE	20.00 PPM	276.8
8	O-XYLENE	10.01 PPM	325.3



NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
10 PPM BTEX

ANALYSIS #5 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 09:12
SAMPLE TIME: Nov 10,94 09:04

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

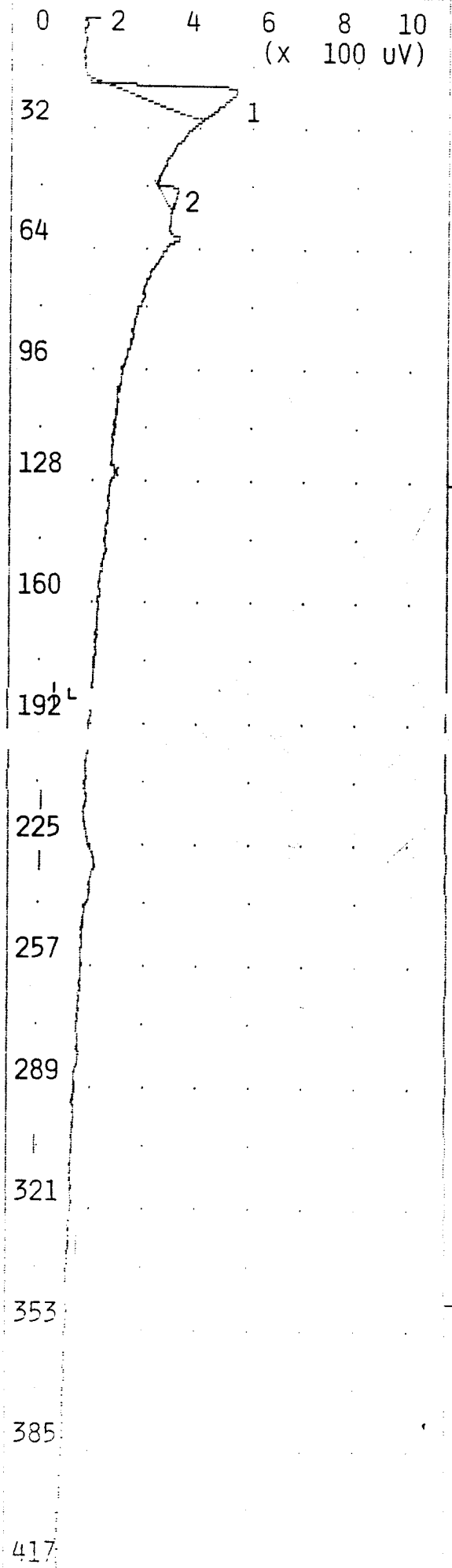
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	24.54	MVS	17.0
2	UNKNOWN	0.234	MVS	33.0
3	BENZENE	1.274	PPB	59.6
4	UNKNOWN	0.785	MVS	75.6
5	TOLUENE	1.820	PPB	122.4
6	ETHYLBENZENE	4.445	PPB	256.5
7	MP-XYLENE	4.588	PPB	276.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
AIR BLANK

ANALYSIS #6 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 09:39
SAMPLE TIME: Nov 10,94 09:31

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

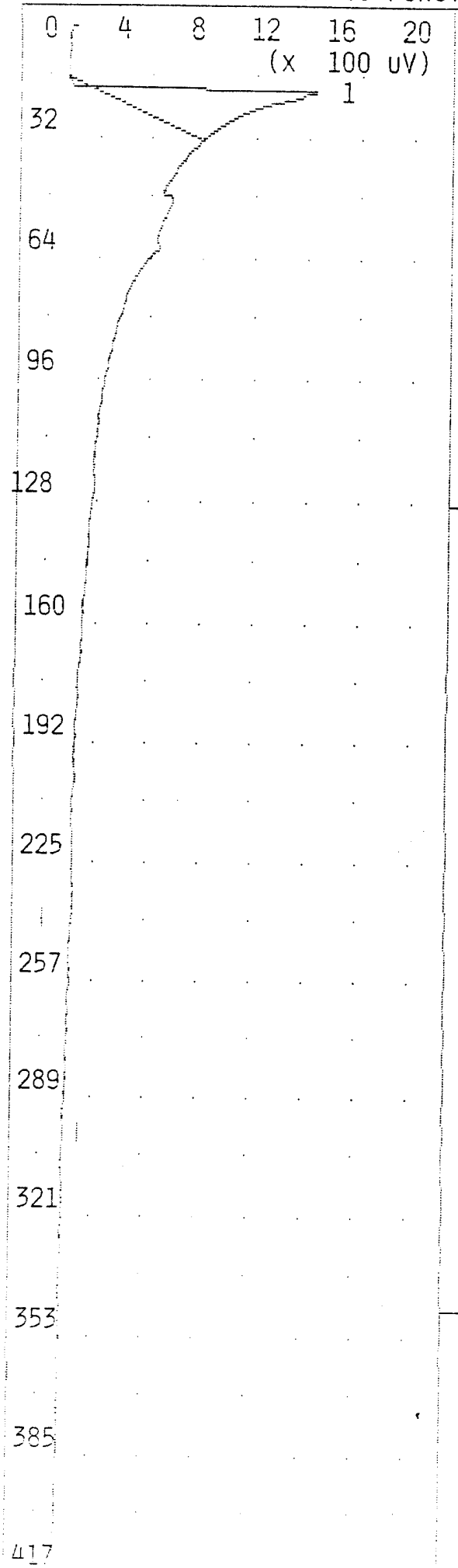
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.677 MVS	19.3
2	UNKNOWN	0.230 MVS	46.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
OWD-001H 1.0- 2.5

ANALYSIS #7 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 09:50
SAMPLE TIME: NOV 10,94 09:43

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

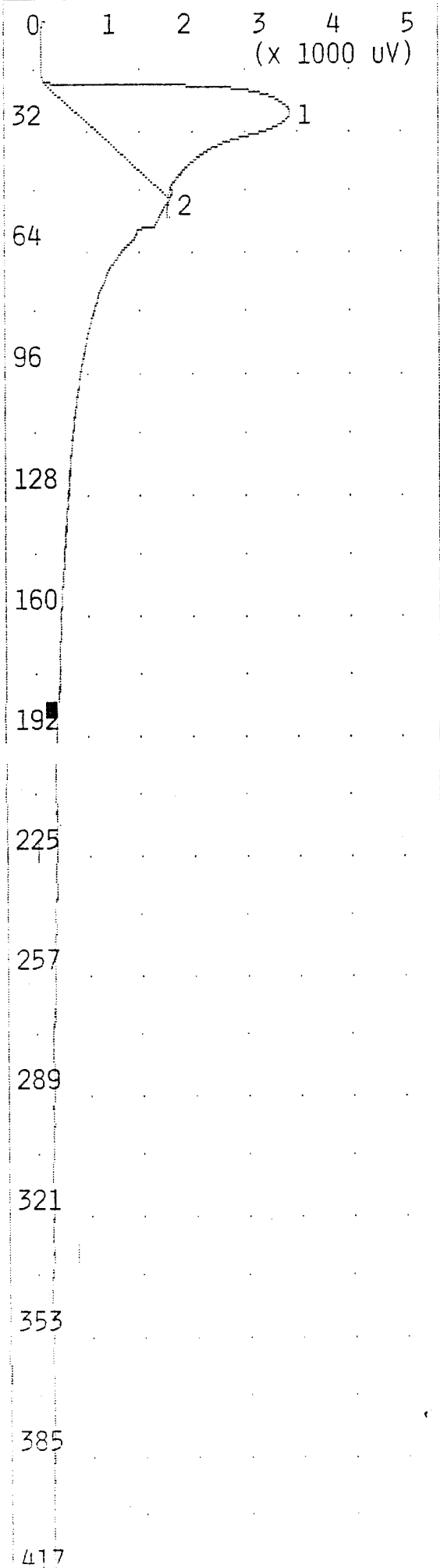
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.651 MVS	17.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
OWD-001H 1.0- 2.5

ANALYSIS #8 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 10:01
SAMPLE TIME: Nov 10,94 09:54

METHOD

SLOPE UP	0.500	mV/SEC
SLOPE DOWN	1.500	mV/SEC
MIN AREA	0.000	mVSEC
MIN HEIGHT	0.000	mV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

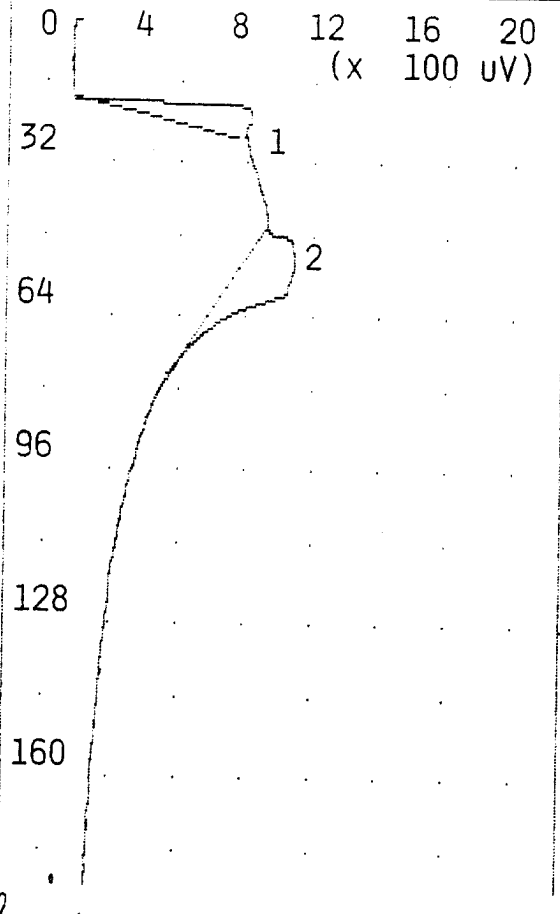
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	49.31 mVS	25.2
2	UNKNOWN	0.059 mVS	45.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
OWD-001H 8.5- 9.5

ANALYSIS #9 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 10:14
SAMPLE TIME: Nov 10,94 10:07

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

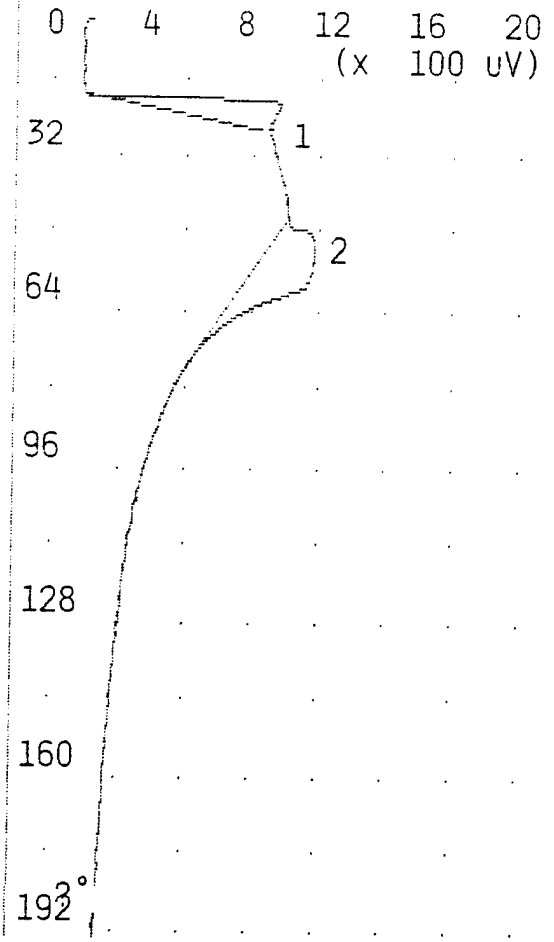
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.600 MVS	21.7
2	UNKNOWN	3.700 MVS	49.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
CKD-001H ~~8.5-9.5~~
13.5-15.0 JB

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 10:26
SAMPLE TIME: Nov 10,94 10:18

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

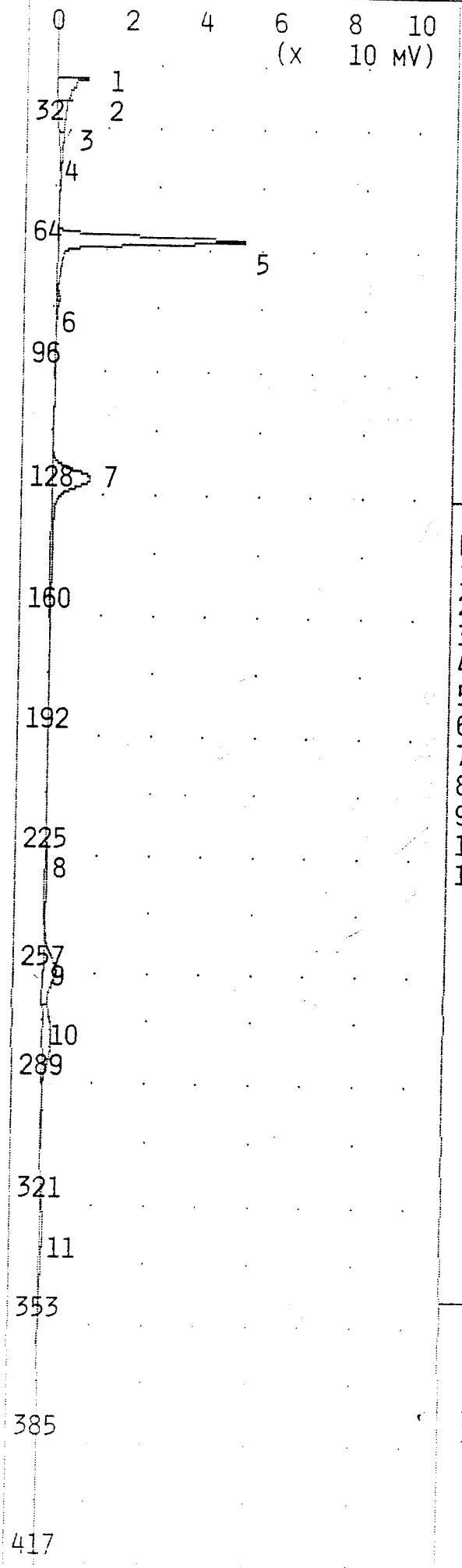
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.744 MVS	19.3
2	UNKNOWN	3.736 MVS	49.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
OWD-001H 18.5-20.0

MISSED SHOT

ANALYSIS #11 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 10:36
SAMPLE TIME: NOV 10,94 10:29

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

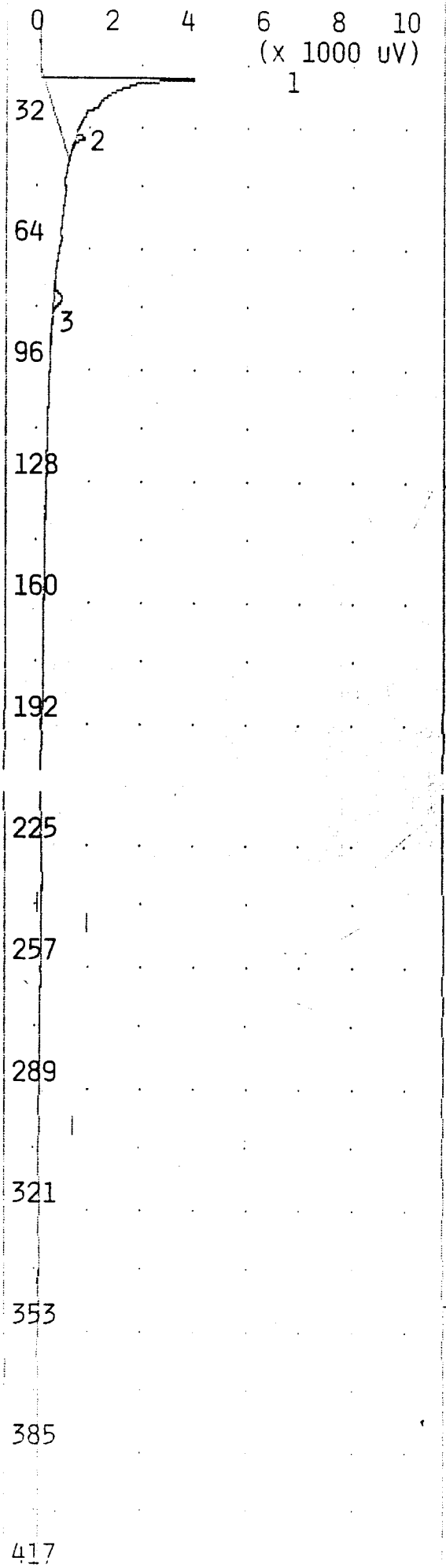
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	9.758	MVS	17.0
2	UNKNOWN	35.31	MVS	18.6
3	UNKNOWN	0.230	MVS	20.9
4	UNKNOWN	8.416	MVS	32.9
5	BENZENE	108.3	PPB	59.7
6	UNKNOWN	1.736	MVS	75.4
7	TOLUENE	94.75	PPB	122.5
8	UNKNOWN	7.018	MVS	227.0
9	ETHYLBENZENE	91.88	PPB	255.4
10	MP-XYLENE	183.4	PPB	275.2
11	O-XYLENE	97.07	PPB	325.3

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
100 PPB BTEX

ANALYSIS #12 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 10:47
SAMPLE TIME: NOV 10,94 10:40

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

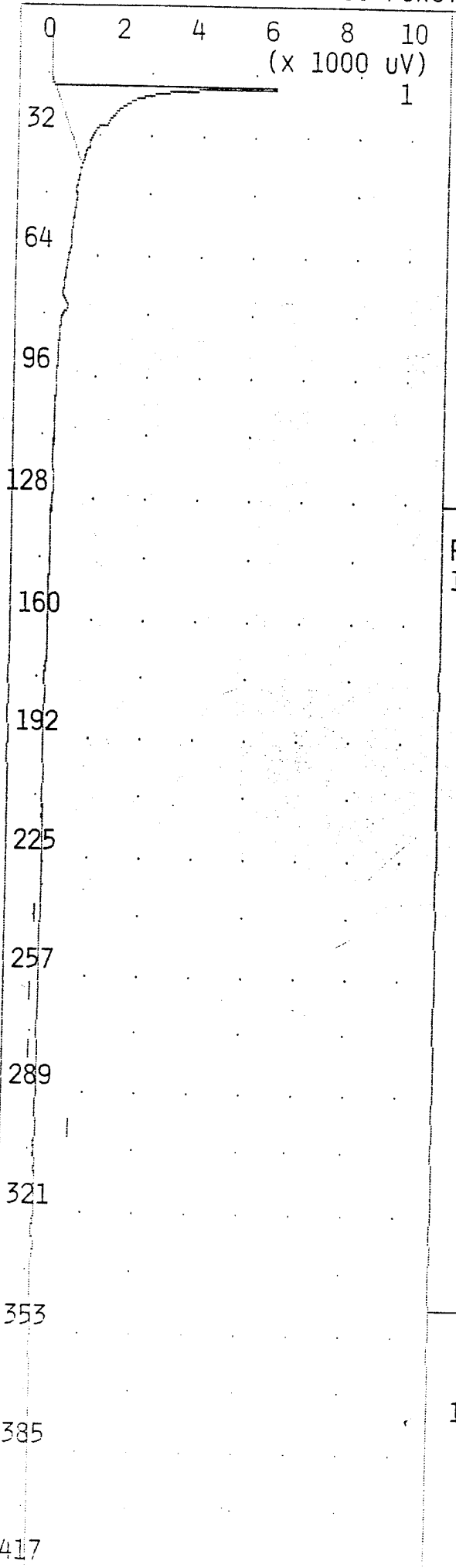
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	23.62	MVS	16.9
2	UNKNOWN	0.380	MVS	32.9
3	UNKNOWN	0.869	MVS	75.3

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
AIR BLANK

ANALYSIS #13 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 10:59
SAMPLE TIME: Nov 10,94 10:51

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

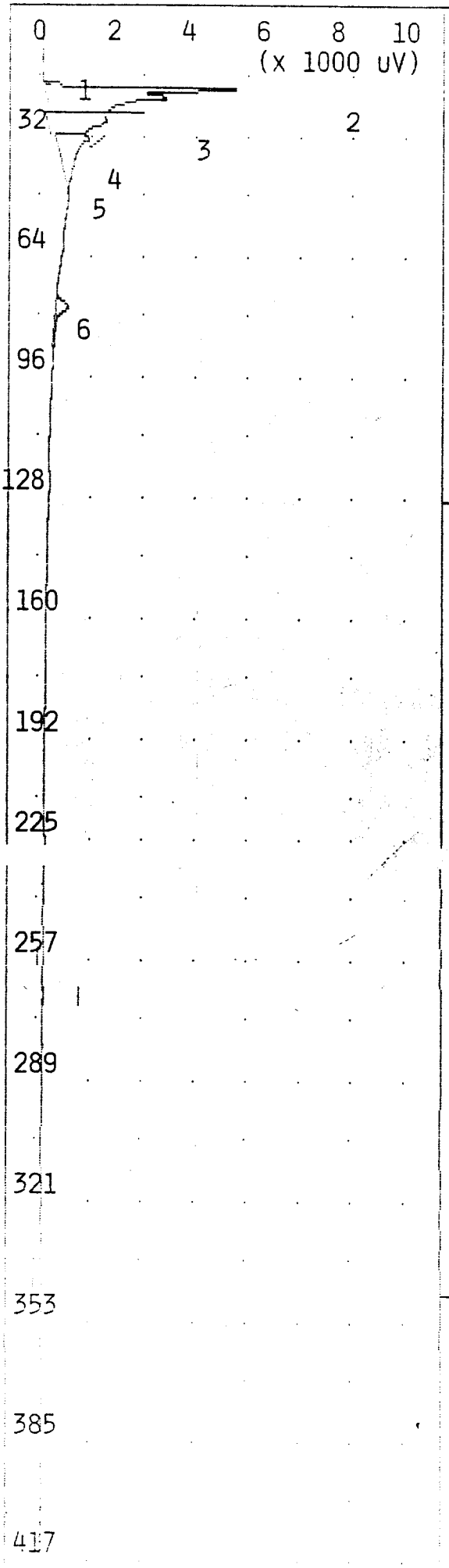
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	28.15 MVS	16.9

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
OWD-001BH RESHOT 8.5 - 9.5

ANALYSIS #14 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 11:09
SAMPLE TIME: Nov 10,94 11:02

METHOD

SLOPE UP	0.500	mV/SEC
SLOPE DOWN	1.500	mV/SEC
MIN AREA	0.000	mVSEC
MIN HEIGHT	0.000	mV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

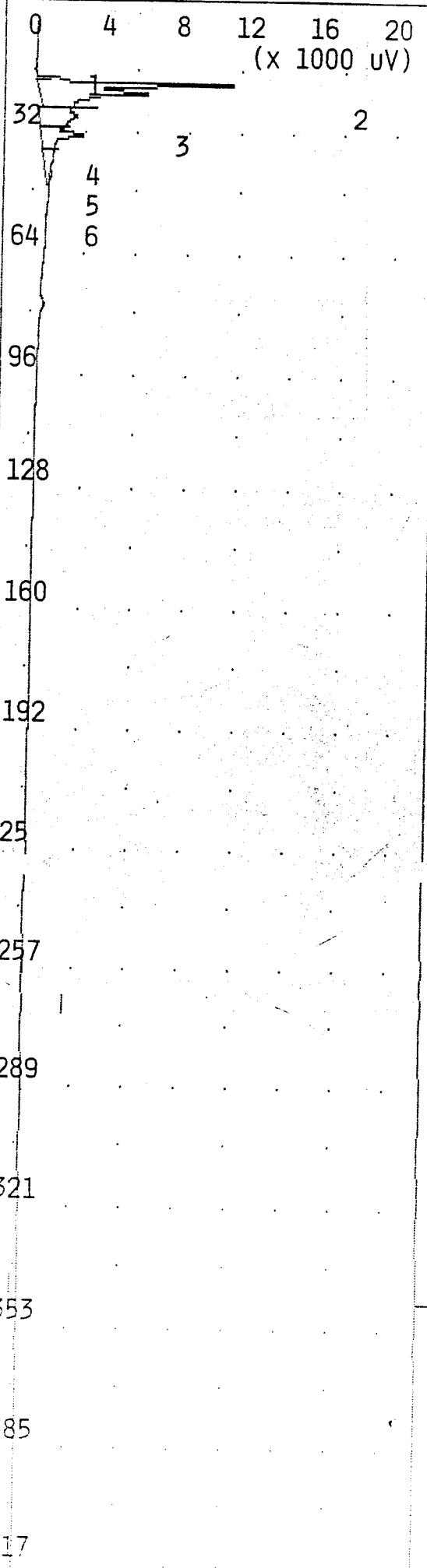
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.378 mVS	15.9
2	UNKNOWN	8.026 mVS	17.0
3	UNKNOWN	18.78 mVS	19.4
4	UNKNOWN	0.435 mVS	25.6
5	UNKNOWN	5.398 mVS	30.8
6	UNKNOWN	1.066 mVS	75.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
OWD-001BH RESHOT 13.5 -15.0

ANALYSIS #15 10S+ GC FUNCTION ANALYSIS REPORT



LH

TIME PRINTED:	NOV 10,94 11:20
SAMPLE TIME:	NOV 10,94 11:12

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

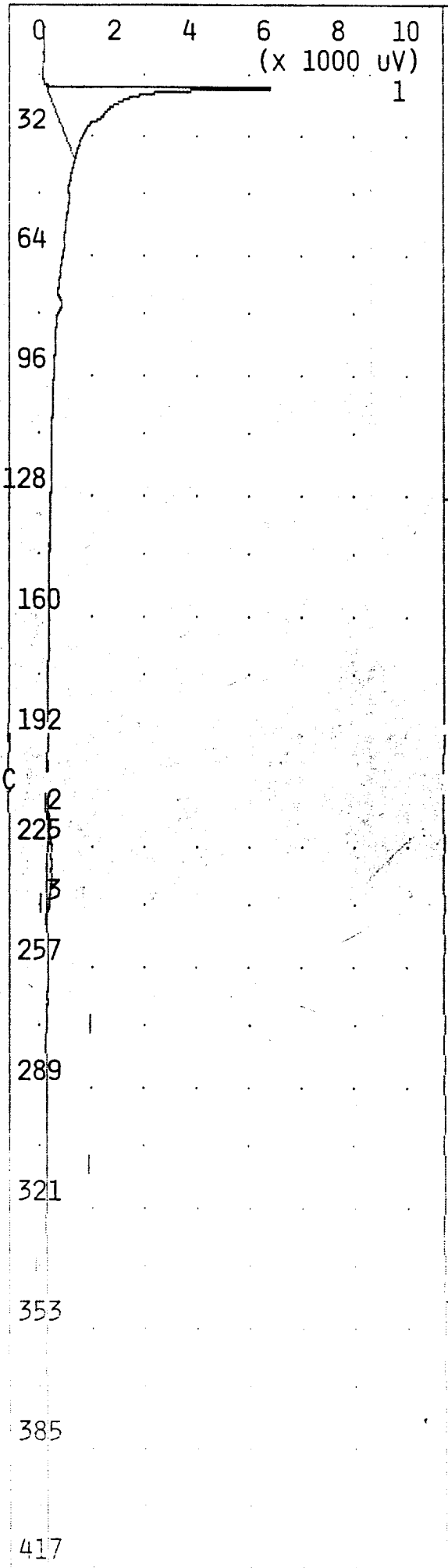
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	1.364	MVS	16.0
2	UNKNOWN	15.12	MVS	17.0
3	UNKNOWN	16.27	MVS	19.4
4	UNKNOWN	8.652	MVS	25.6
5	UNKNOWN	7.810	MVS	30.9
6	UNKNOWN	0.006	MVS	41.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
OWD-001BH RESHOT 18.5 -20.0

ANALYSIS #16 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 12:00
SAMPLE TIME: Nov 10,94 11:52

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

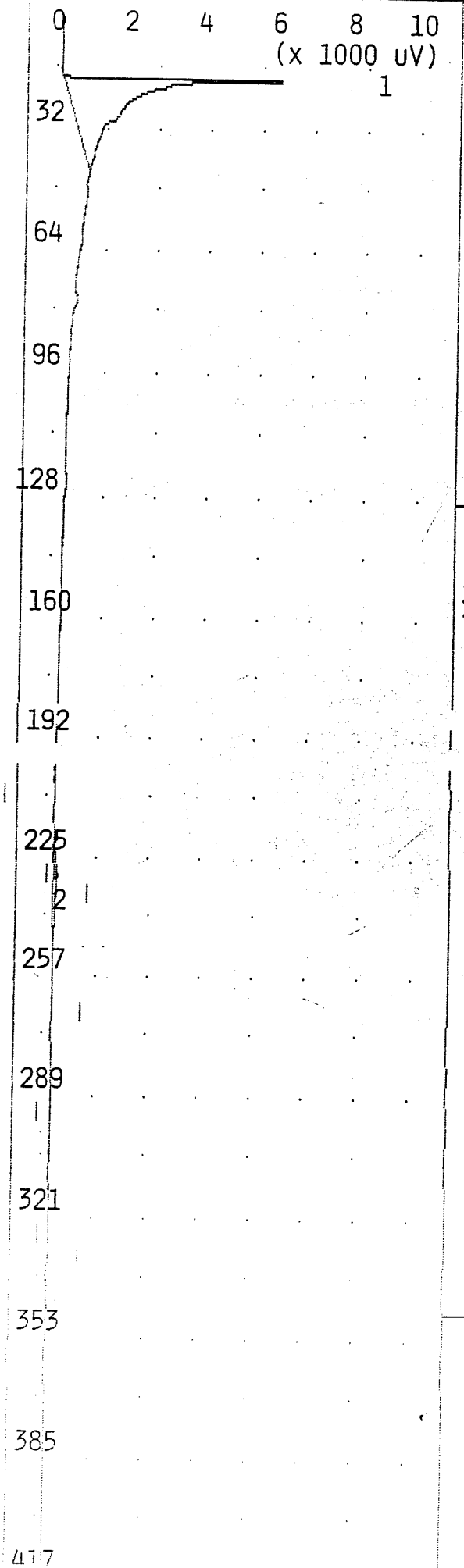
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	25.32	MVS	16.9
2	UNKNOWN	0.676	MVS	207.0
3	UNKNOWN	1.808	MVS	228.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
OWD-002BH 1.0 - 2.5

ANALYSIS #17 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 12:11
SAMPLE TIME: NOV 10,94 12:03

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

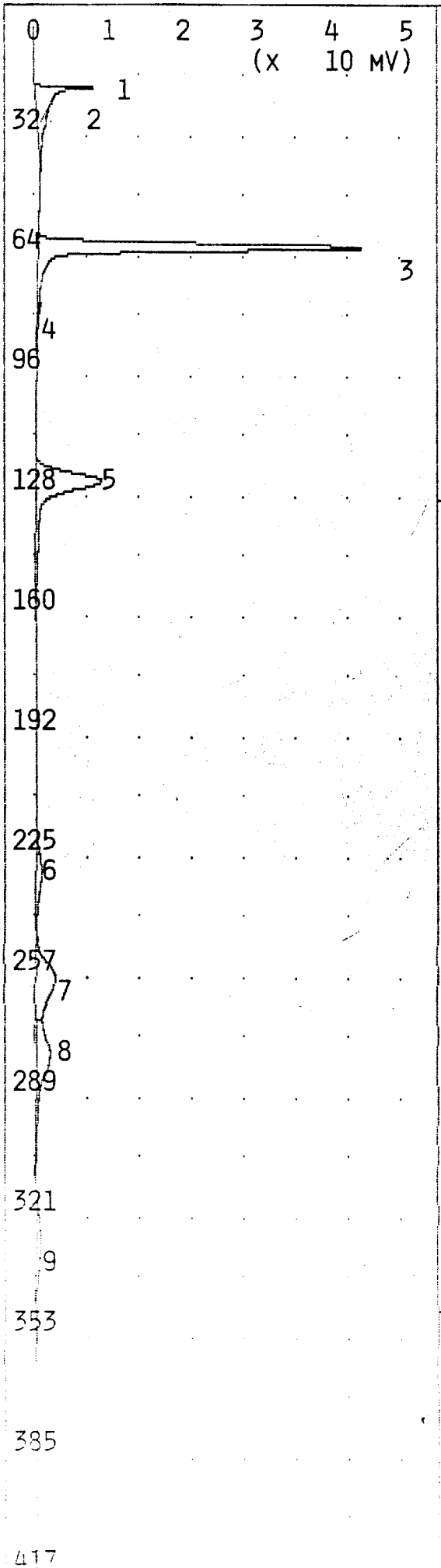
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	30.15 MVS	16.8
2	UNKNOWN	0.949 MVS	228.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
OWD-002BH 4.5 - 6.0

ANALYSIS #18 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 12:24
SAMPLE TIME: Nov 10,94 12:16

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

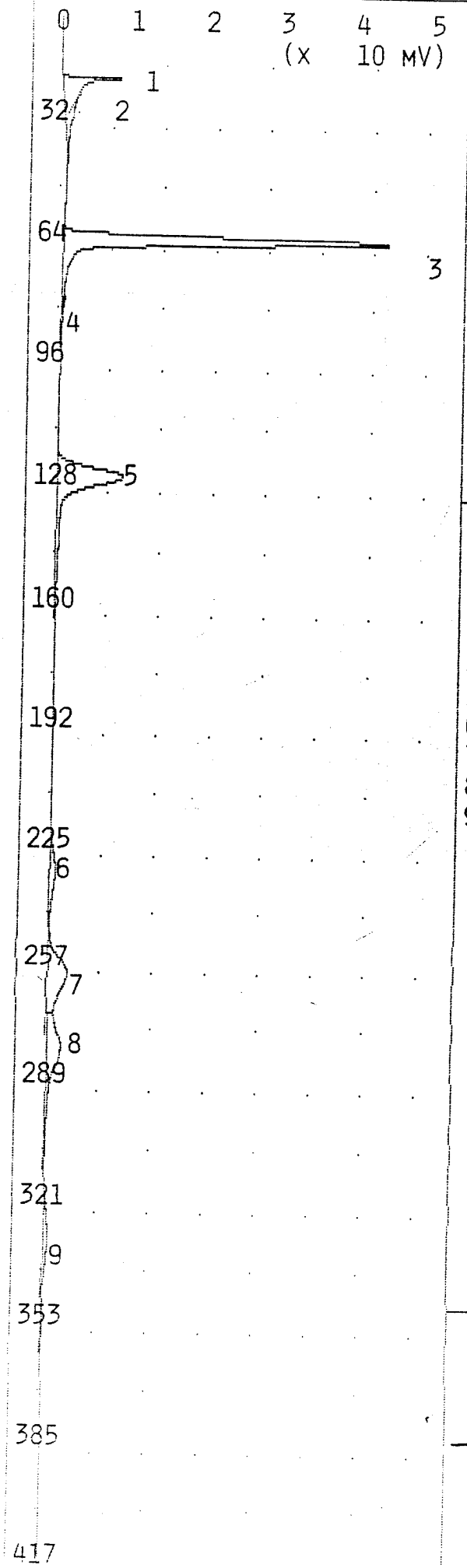
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	31.63	MVS	16.8
2	UNKNOWN	0.111	MVS	20.7
3	BENZENE	94.92	PPB	59.6
4	UNKNOWN	0.340	MVS	75.0
5	TOLUENE	83.31	PPB	122.4
6	UNKNOWN	10.42	MVS	227.6
7	ETHYLBENZENE	70.75	PPB	255.4
8	MP-XYLENE	138.7	PPB	275.2
9	O-XYLENE	80.84	PPB	325.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
~~OWD-002BH 4.5 6.0~~
100 PPB BTEX JJ

ANALYSIS #18 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 12:29
SAMPLE TIME: Nov 10,94 12:16

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

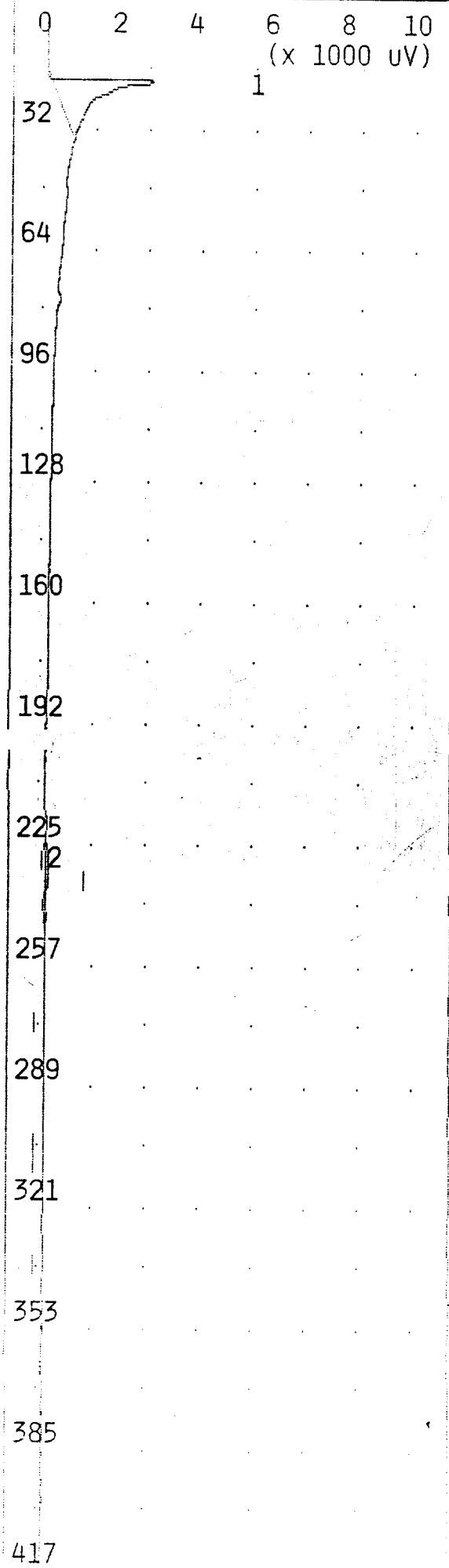
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	31.63	MVS	16.8
2	UNKNOWN	0.111	MVS	20.7
3	BENZENE	100.0	PPB	59.6
4	UNKNOWN	0.340	MVS	75.0
5	TOLUENE	100.0	PPB	122.4
6	UNKNOWN	10.42	MVS	227.6
7	ETHYLBENZENE	99.99	PPB	255.4
8	MP-XYLENE	200.0	PPB	275.2
9	O-XYLENE	100.0	PPB	325.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
~~OWD 002BH 4.5 6.0~~
100 PPB BTEX JB

ANALYSIS #19 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 12:41
SAMPLE TIME: NOV 10,94 12:33

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

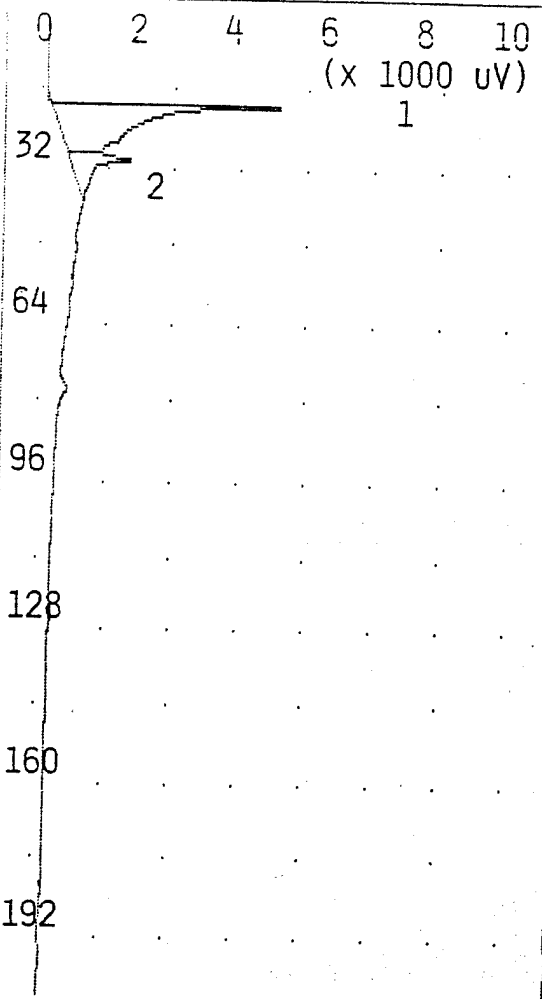
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	13.95 MVS	17.0
2	UNKNOWN	0.839 MVS	227.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
~~OWD-002BH 4.5 6.0 B~~
AIR BLANK

ANALYSIS #20 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 12:52
SAMPLE TIME: Nov 10,94 12:44

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

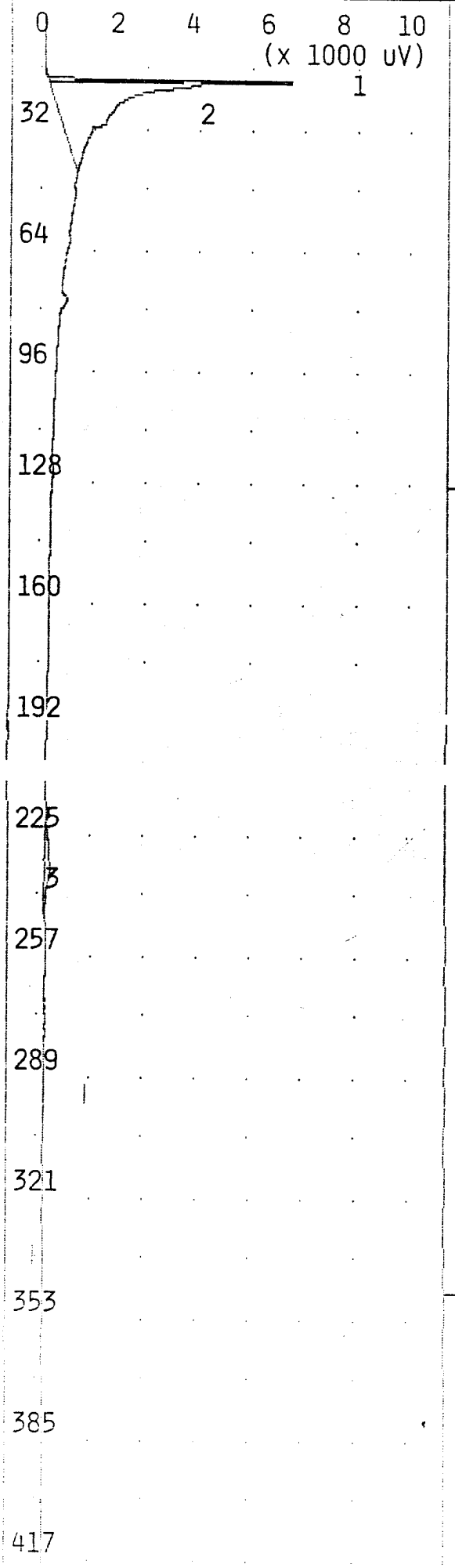
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	19.44 MVS	16.9
2	UNKNOWN	4.328 MVS	28.2
3	UNKNOWN	1.413 MVS	227.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
OWD-002BH 8.5 -10.0

ANALYSIS #21 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 13:02
SAMPLE TIME: Nov 10,94 12:54

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

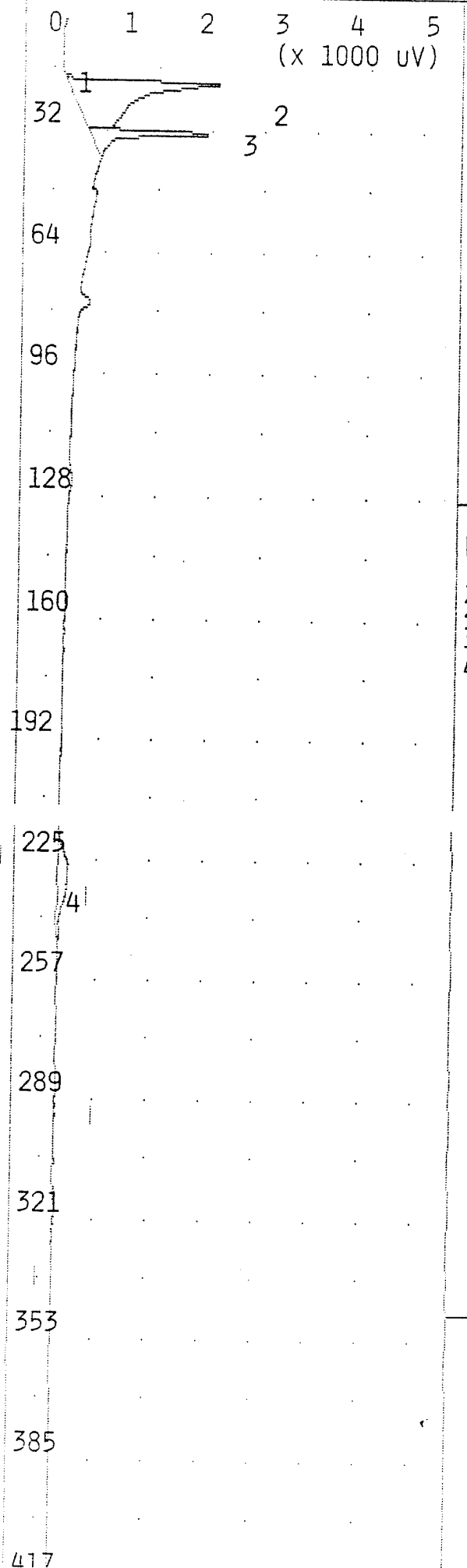
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	7.515	MVS	16.9
2	UNKNOWN	26.77	MVS	18.4
3	ETHYLBENZENE	5.230	PPB	230.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
OWD-002BH 13.5 -15.0

ANALYSIS #22 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 13:12
SAMPLE TIME: NOV 10,94 13:05

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

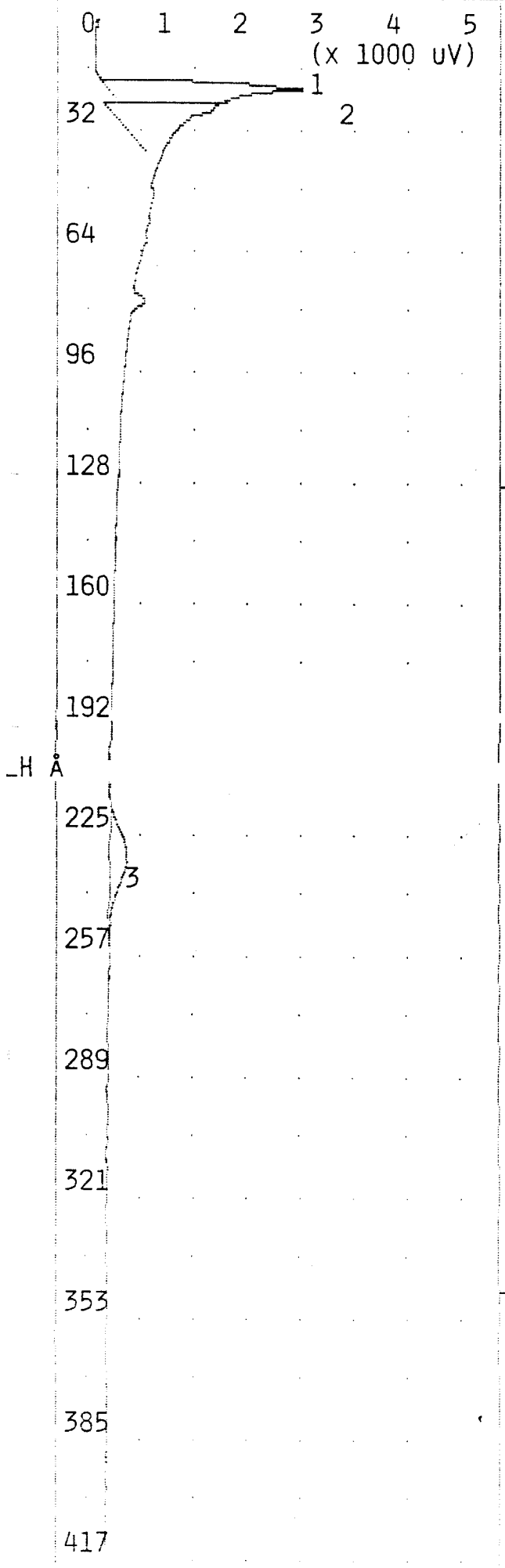
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.073 MVS	15.8
2	UNKNOWN	11.17 MVS	17.2
3	UNKNOWN	3.346 MVS	30.7
4	UNKNOWN	1.889 MVS	227.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
OWD-002BH 18.5 -20.0

ANALYSIS #23 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 13:23
SAMPLE TIME: Nov 10,94 13:15

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

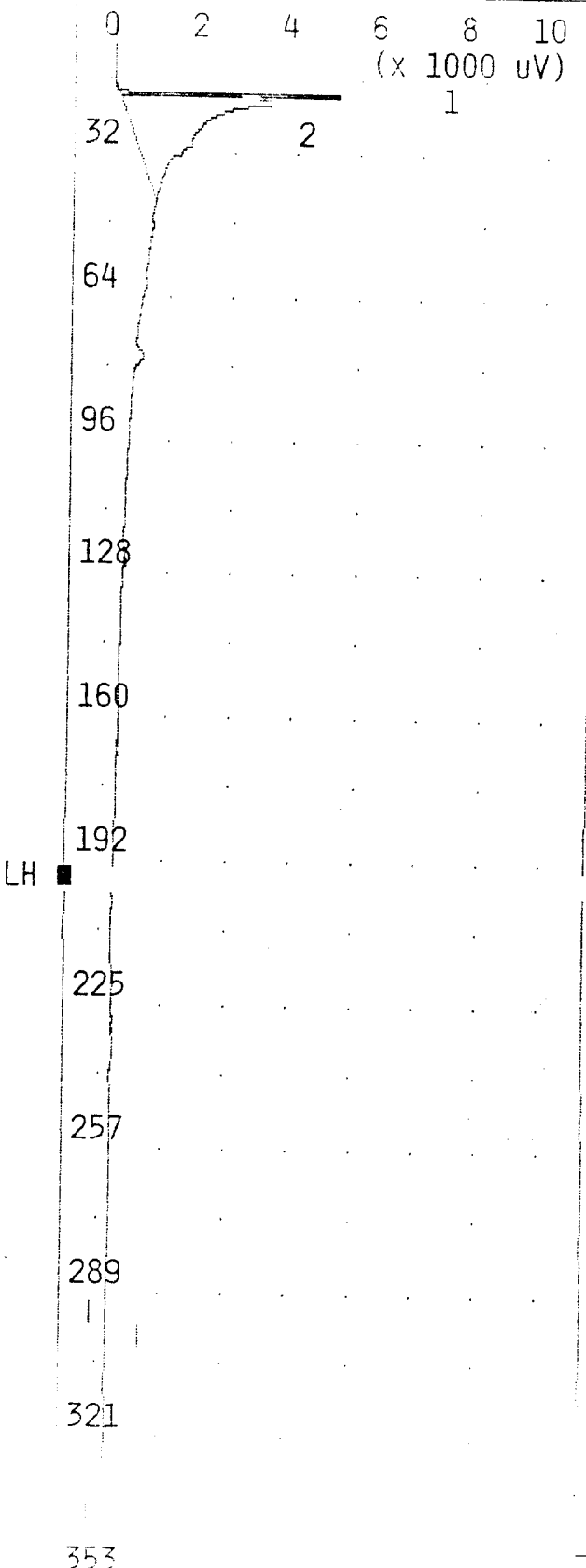
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	2.148	MVS	17.2
2	UNKNOWN	16.70	MVS	18.6
3	UNKNOWN	3.858	MVS	228.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 Nov 1994
OWD-002BH 1.0- 2.5
3 B

ANALYSIS #24 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 13:34
SAMPLE TIME: Nov 10,94 13:26

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

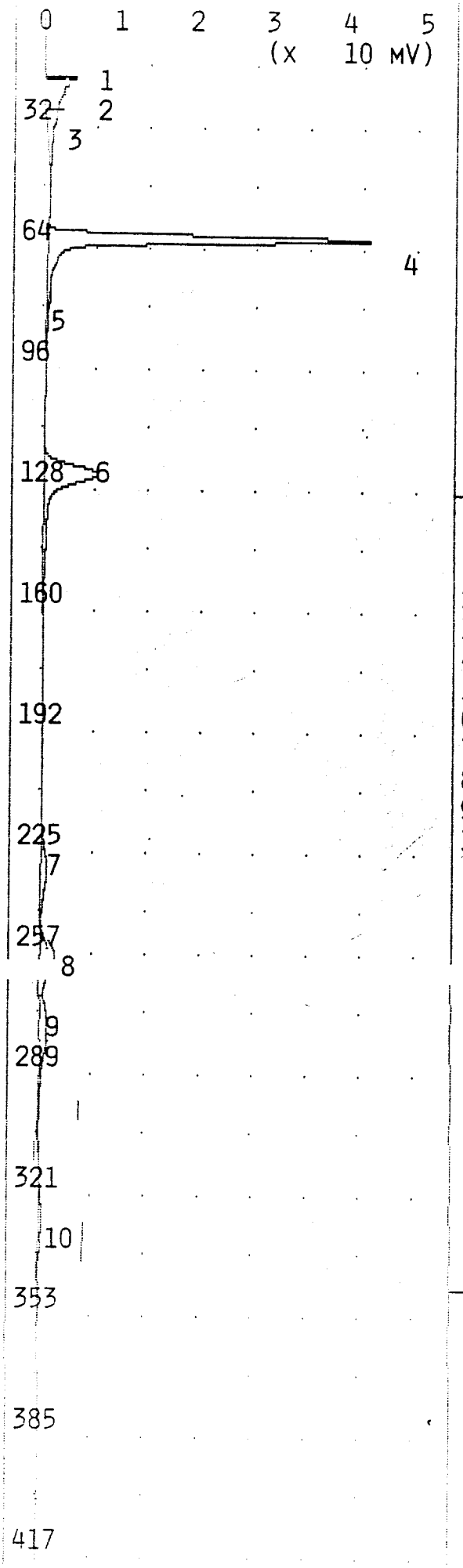
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.650 MVS	16.8
2	UNKNOWN	26.68 MVS	18.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
OWD-003BH 4.5- 6.0

ANALYSIS #25 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 13:44
SAMPLE TIME: NOV 10,94 13:36

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

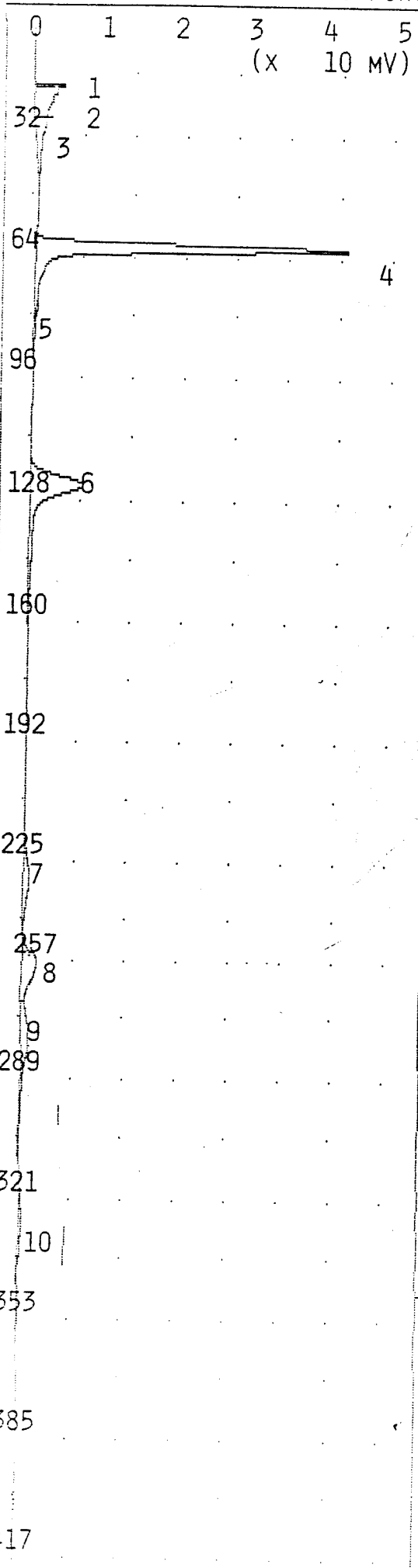
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.171 MVS	17.0
2	UNKNOWN	6.486 MVS	18.6
3	UNKNOWN	18.38 MVS	21.0
4	BENZENE	100.3 PPB	59.6
5	UNKNOWN	0.452 MVS	75.3
6	TOLUENE	84.80 PPB	122.4
7	UNKNOWN	11.54 MVS	227.0
8	ETHYLBENZENE	71.00 PPB	255.4
9	MP-XYLENE	129.7 PPB	275.4
10	O-XYLENE	68.25 PPB	325.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
100 PPB BTEX

ANALYSIS #25 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 13:50
SAMPLE TIME: Nov 10,94 13:36

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

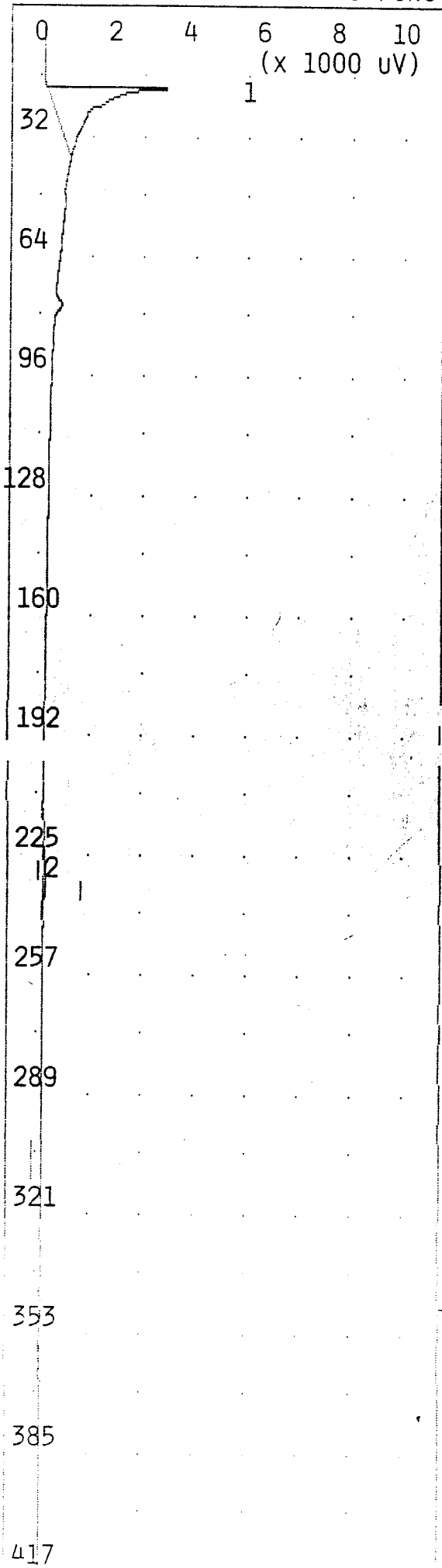
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.171	MVS	17.0
2	UNKNOWN	6.486	MVS	18.6
3	UNKNOWN	18.38	MVS	21.0
4	BENZENE	100.0	PPB	59.6
5	UNKNOWN	0.452	MVS	75.3
6	TOLUENE	100.0	PPB	122.4
7	UNKNOWN	11.54	MVS	227.0
8	ETHYLBENZENE	100.0	PPB	255.4
9	MP-XYLENE	200.0	PPB	275.4
10	O-XYLENE	100.0	PPB	325.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 Nov 1994
100 PPB BTEX

ANALYSIS #26 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 14:01
SAMPLE TIME: NOV 10,94 13:53

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

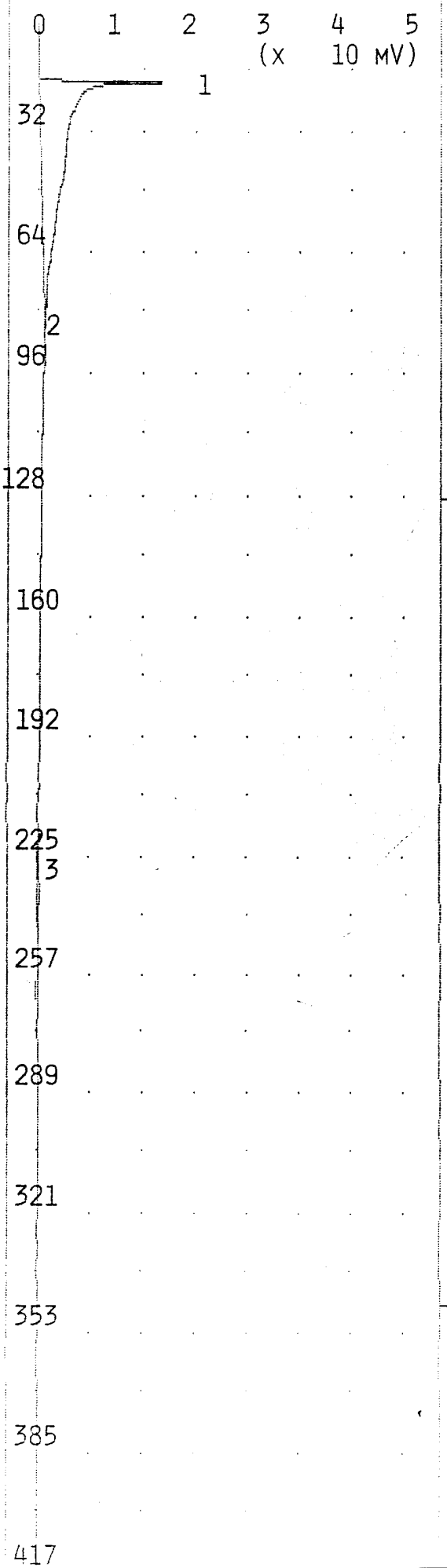
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	17.54 MVS	16.9
2	UNKNOWN	0.756 MVS	227.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
AIR BLANK

ANALYSIS #27 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 14:11
SAMPLE TIME: Nov 10,94 14:03

METHOD

SLOPE UP	0.500	mV/SEC
SLOPE DOWN	1.500	mV/SEC
MIN AREA	0.000	mVSEC
MIN HEIGHT	0.000	mV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

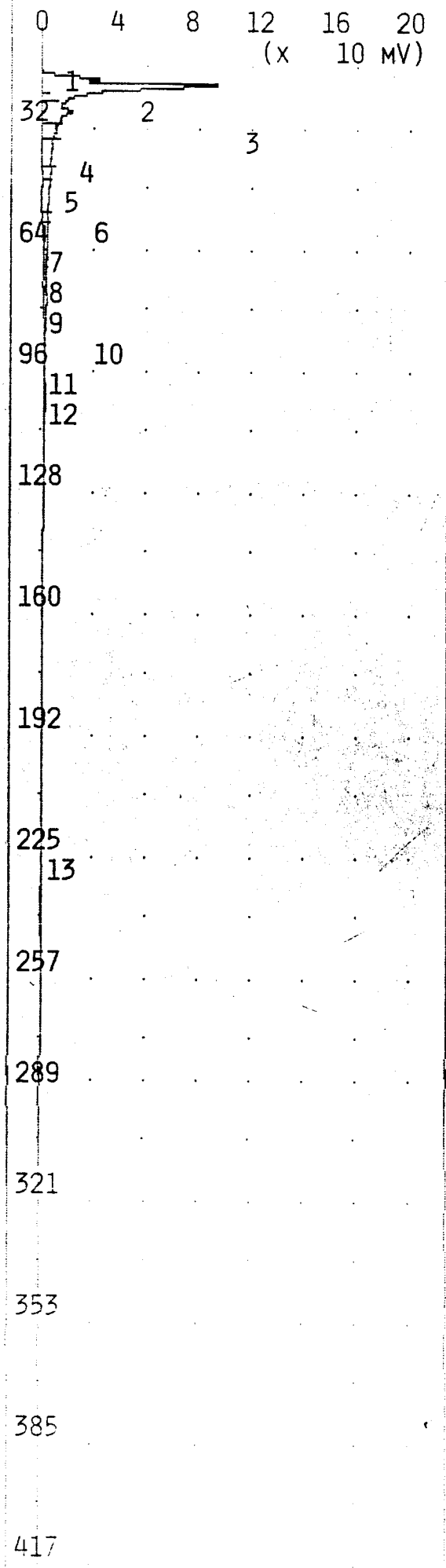
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	176.0 mVS	16.8
2	UNKNOWN	0.246 mVS	75.3
3	UNKNOWN	0.876 mVS	227.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
OWD-003BH 8.5- 9.5

ANALYSIS #28 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 14:21
SAMPLE TIME: NOV 10,94 14:14

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

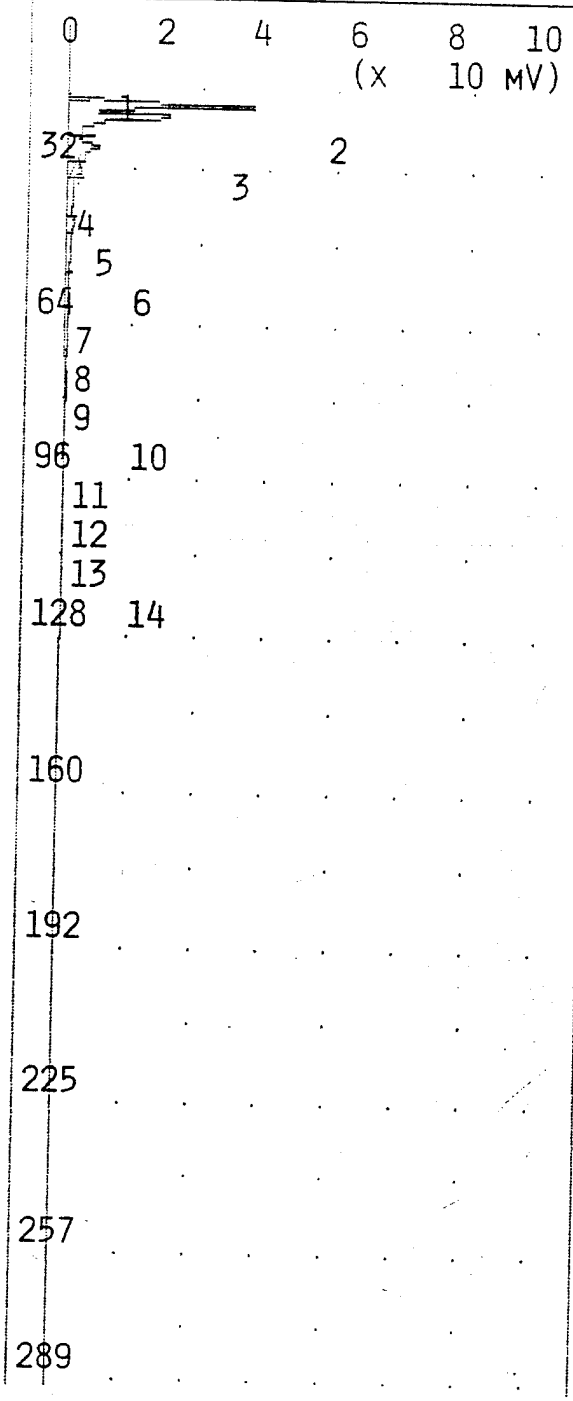
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	4.872	MVS	15.7
2	UNKNOWN	38.44	MVS	16.6
3	UNKNOWN	241.3	MVS	18.3
4	UNKNOWN	46.84	MVS	25.6
5	UNKNOWN	23.02	MVS	28.2
6	UNKNOWN	22.79	MVS	30.7
7	UNKNOWN	15.17	MVS	34.6
8	UNKNOWN	15.22	MVS	37.4
9	UNKNOWN	57.93	MVS	41.3
10	UNKNOWN	0.314	MVS	53.5
11	BENZENE	23.96	PPB	59.5
12	UNKNOWN	20.82	MVS	75.6
13	UNKNOWN	3.565	MVS	225.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
OWD-003BH 13.5-14.5

ANALYSIS #29 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 14:32
SAMPLE TIME: Nov 10,94 14:25

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

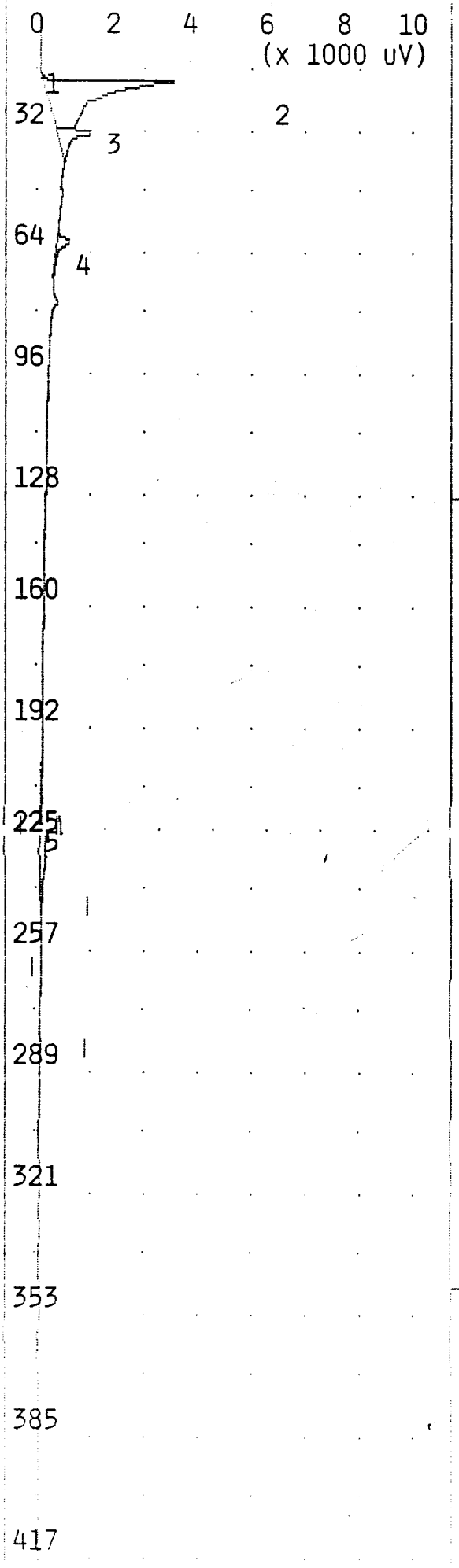
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.546 MVS	15.7
2	UNKNOWN	52.01 MVS	16.7
3	UNKNOWN	44.24 MVS	19.2
4	UNKNOWN	0.408 MVS	22.8
5	UNKNOWN	16.79 MVS	25.5
6	UNKNOWN	7.424 MVS	28.2
7	UNKNOWN	7.692 MVS	30.7
8	UNKNOWN	3.453 MVS	34.6
9	UNKNOWN	3.812 MVS	37.2
10	UNKNOWN	5.112 MVS	41.2
11	UNKNOWN	7.056 MVS	44.4
12	UNKNOWN	2.955 MVS	53.8
13	BENZENE	5.324 PPB	59.4
14	UNKNOWN	3.088 MVS	75.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
OWD-003BH 13.5-14.5 RESHOT

ANALYSIS #30 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 14:43
SAMPLE TIME: Nov 10,94 14:36

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

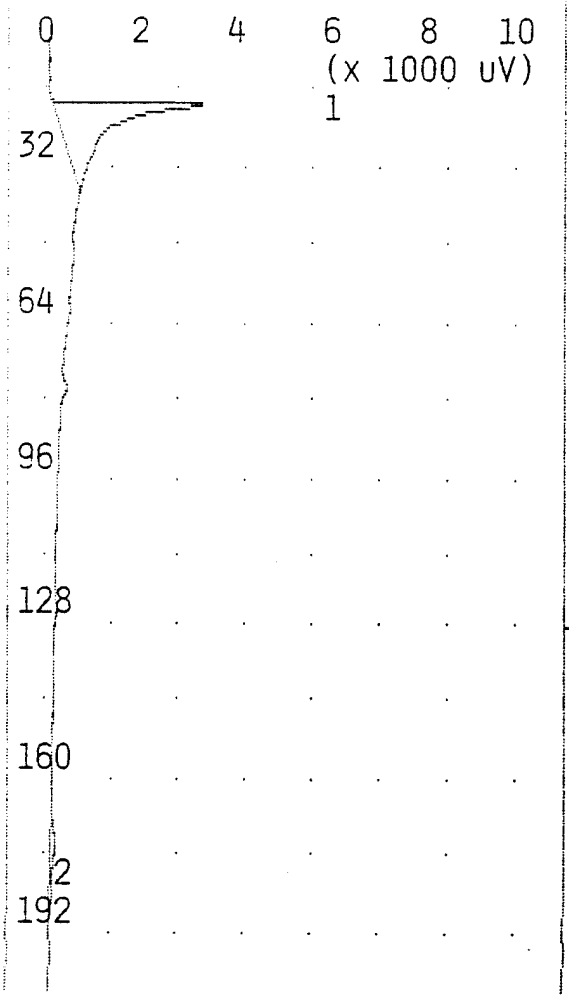
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	0.056	MVS	15.8
2	UNKNOWN	17.42	MVS	17.0
3	UNKNOWN	2.821	MVS	30.7
4	BENZENE	0.842	PPB	59.5
5	UNKNOWN	1.686	MVS	225.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
OWD-003BH 18.5-20.0

ANALYSIS #31 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 14:54
SAMPLE TIME: NOV 10,94 14:46

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

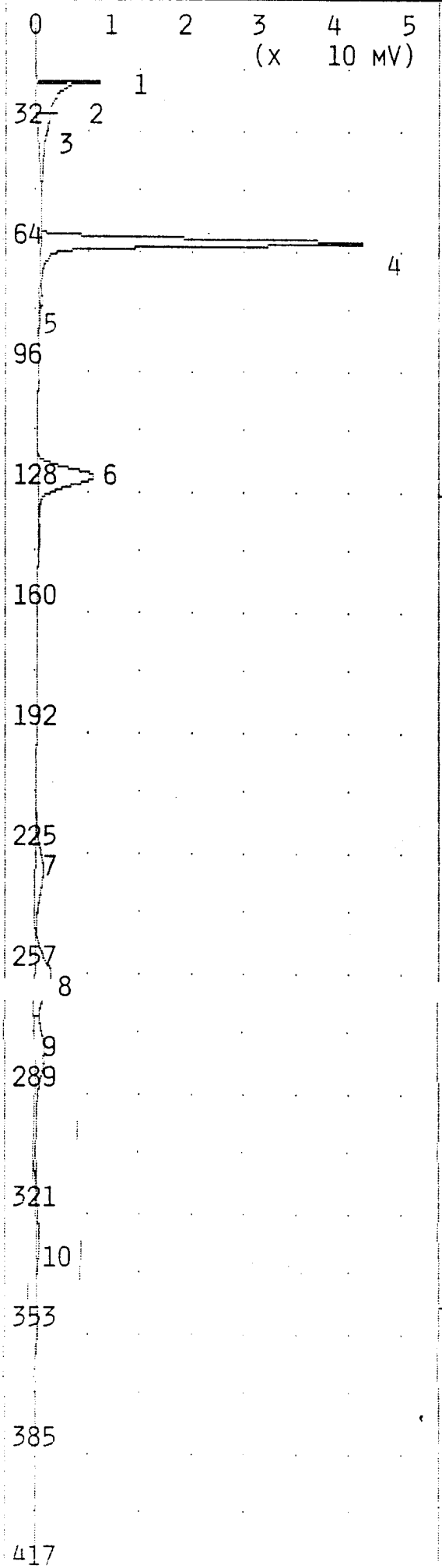
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	16.65 MVS	17.0
2	UNKNOWN	0.664 MVS	171.6
3	UNKNOWN	1.920 MVS	228.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
MSS-001BH 1.0- 2.5

LH

ANALYSIS #32 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 15:04
SAMPLE TIME: NOV 10,94 14:56

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

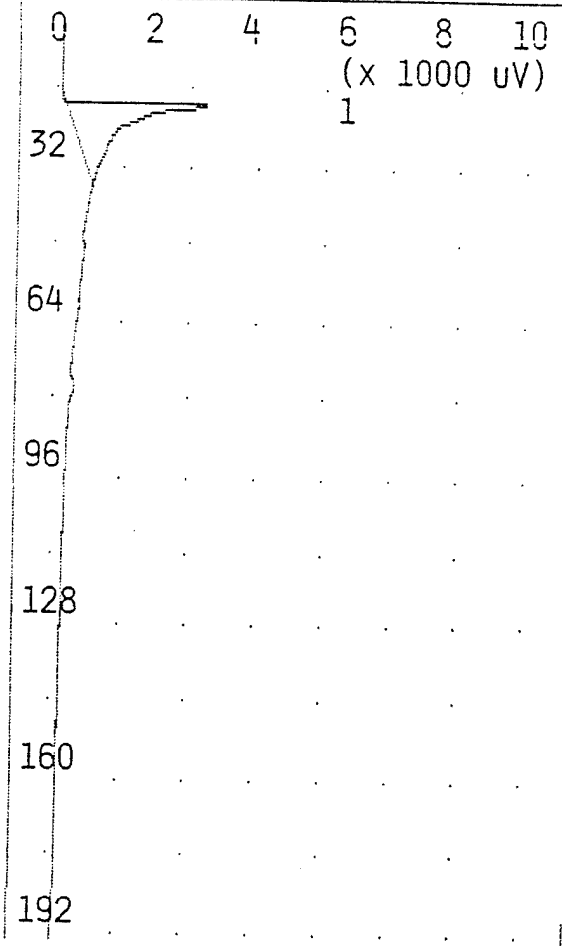
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	9.571	MVS	16.8
2	UNKNOWN	8.155	MVS	18.5
3	UNKNOWN	23.67	MVS	20.8
4	BENZENE	96.48	PPB	59.7
5	UNKNOWN	0.828	MVS	75.4
6	TOLUENE	92.08	PPB	122.5
7	UNKNOWN	13.55	MVS	227.6
8	ETHYLBENZENE	101.1	PPB	256.0
9	MP-XYLENE	203.2	PPB	275.7
10	O-XYLENE	104.1	PPB	325.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
100 PPB BTEX

ANALYSIS #33 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 15:15
SAMPLE TIME: NOV 10,94 15:07

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

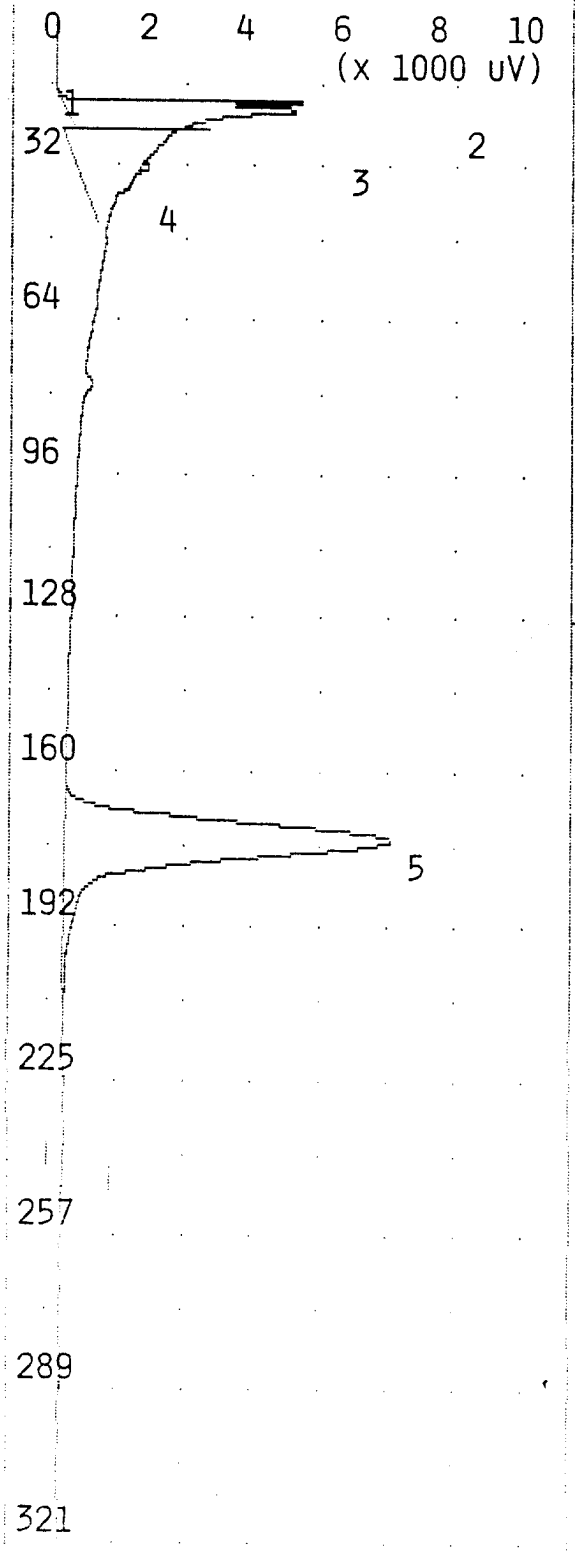
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	15.11 MVS	17.0
2	UNKNOWN	0.976 MVS	228.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
AIR BLANK

ANALYSIS #34 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED:	NOV 10,94	15:25
SAMPLE TIME:	NOV 10,94	15:17

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.032 MVS	15.8
2	UNKNOWN	5.874 MVS	16.9
3	UNKNOWN	36.81 MVS	18.4
4	UNKNOWN	0.235 MVS	30.7
5	UNKNOWN	62.21 MVS	172.8

353

385

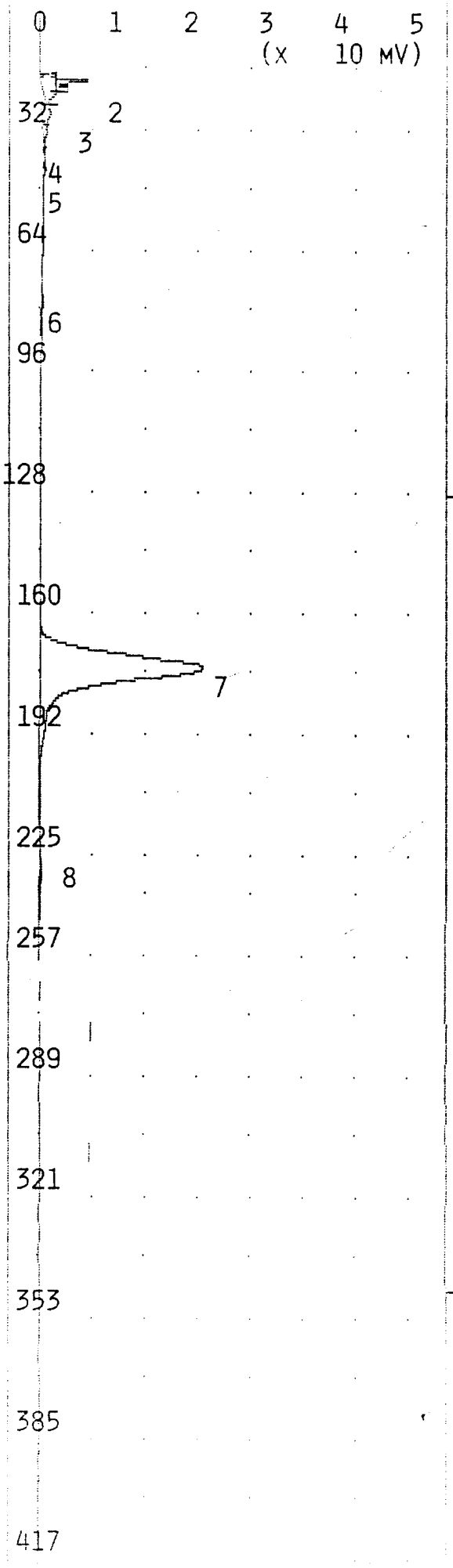
417

450

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 Nov 1994
MSS-001H 4.5- 6.0

ANALYSIS #35 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 15:36
SAMPLE TIME: NOV 10,94 15:28

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

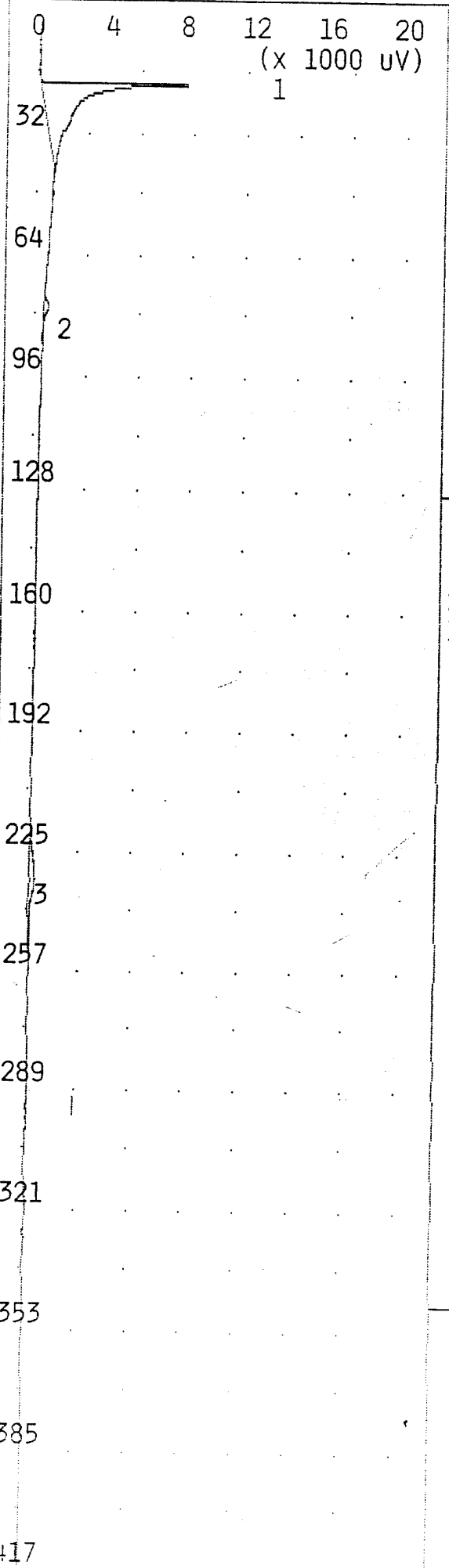
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.876 MVS	15.8
2	UNKNOWN	9.290 MVS	16.8
3	UNKNOWN	10.33 MVS	19.3
4	UNKNOWN	4.423 MVS	25.6
5	UNKNOWN	1.348 MVS	30.8
6	UNKNOWN	0.823 MVS	75.8
7	UNKNOWN	188.6 MVS	173.0
8	UNKNOWN	2.165 MVS	229.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
MSS-001H 8.5-10.0

ANALYSIS #36 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 15:46
SAMPLE TIME: Nov 10,94 15:38

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

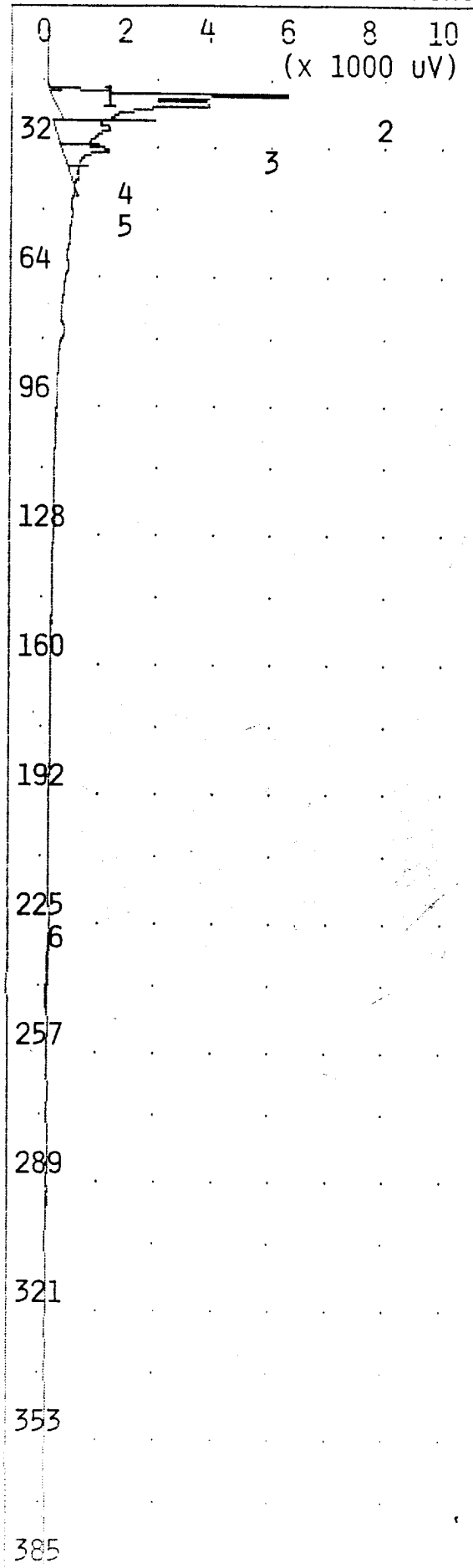
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	34.66 MVS	16.9
2	UNKNOWN	0.919 MVS	75.4
3	UNKNOWN	3.879 MVS	227.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
MSS-002H 1.0- 2.5

ANALYSIS #37 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 15:57
SAMPLE TIME: NOV 10,94 15:49

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

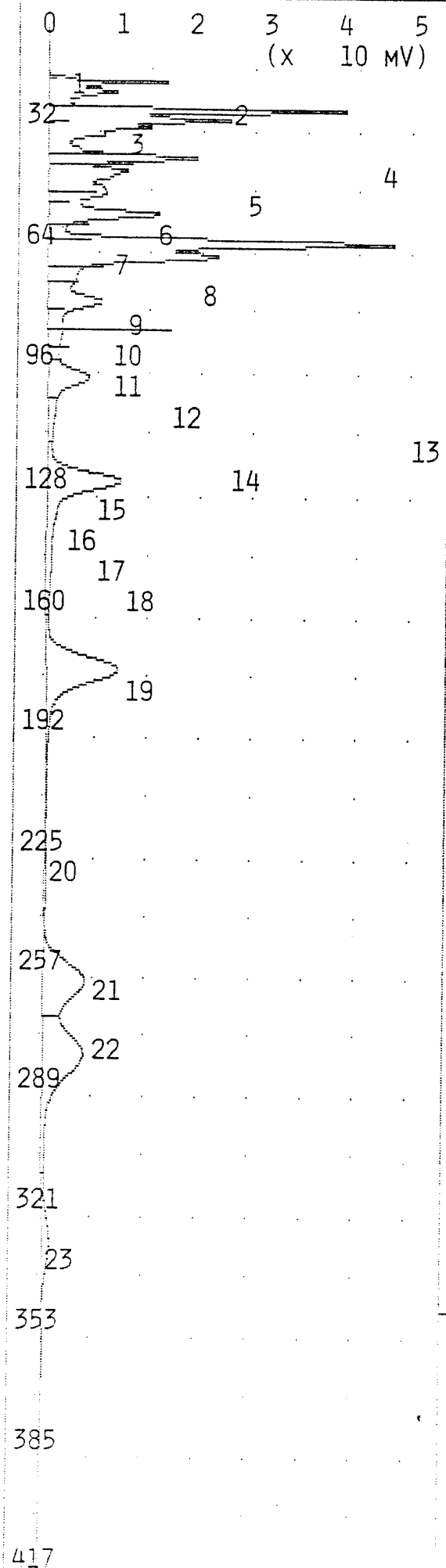
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.580 MVS	15.8
2	UNKNOWN	9.333 MVS	17.0
3	UNKNOWN	12.01 MVS	19.3
4	UNKNOWN	4.756 MVS	25.4
5	UNKNOWN	2.499 MVS	30.8
6	UNKNOWN	0.477 MVS	226.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
MSS-002H 4.5- 6.0

ANALYSIS #38 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 16:07
SAMPLE TIME: Nov 10,94 15:59

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

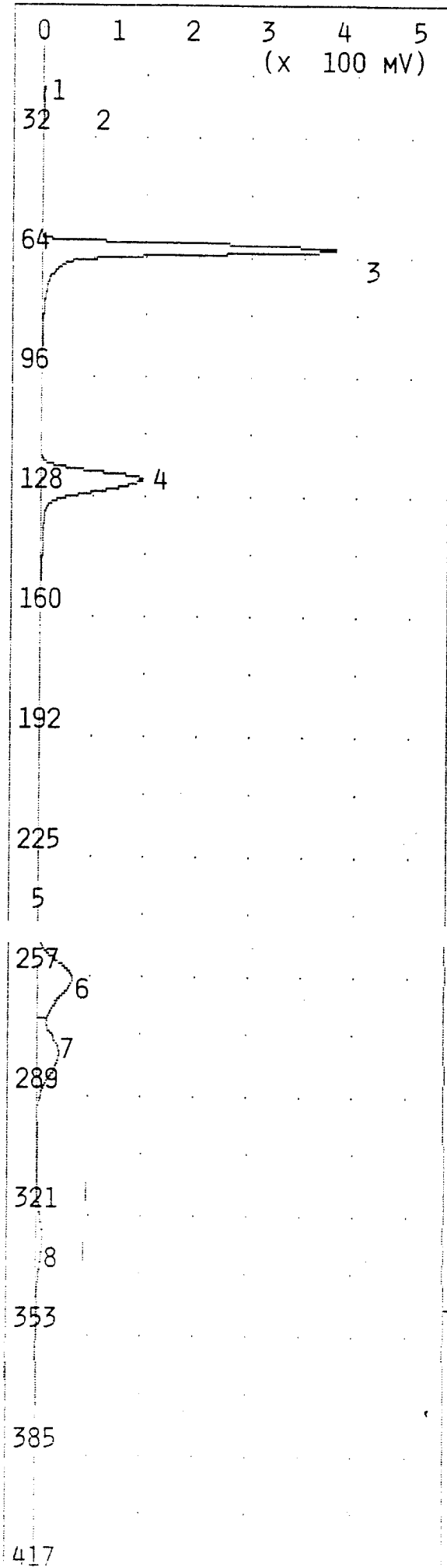
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.789 MVS	15.8
2	UNKNOWN	19.18 MVS	16.8
3	UNKNOWN	23.32 MVS	19.4
4	UNKNOWN	67.82 MVS	24.4
5	UNKNOWN	45.75 MVS	27.0
6	UNKNOWN	21.73 MVS	29.0
7	UNKNOWN	16.38 MVS	30.8
8	UNKNOWN	53.95 MVS	37.0
9	UNKNOWN	38.76 MVS	40.4
10	UNKNOWN	12.11 MVS	44.8
11	UNKNOWN	24.99 MVS	46.3
12	UNKNOWN	52.42 MVS	52.0
13	BENZENE	102.9 PPB	59.7
14	UNKNOWN	95.67 MVS	63.2
15	UNKNOWN	36.71 MVS	75.6
16	UNKNOWN	16.56 MVS	83.3
17	UNKNOWN	43.23 MVS	95.6
18	TOLUENE	140.4 PPB	122.4
19	UNKNOWN	97.21 MVS	172.4
20	UNKNOWN	3.878 MVS	227.0
21	ETHYLBENZENE	134.9 PPB	256.2
22	MP-XYLENE	337.8 PPB	275.7
23	O-XYLENE	136.3 PPB	326.1

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
MSS-002H 8.5-10.0

ANALYSIS #39 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 16:25
SAMPLE TIME: Nov 10,94 16:17

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

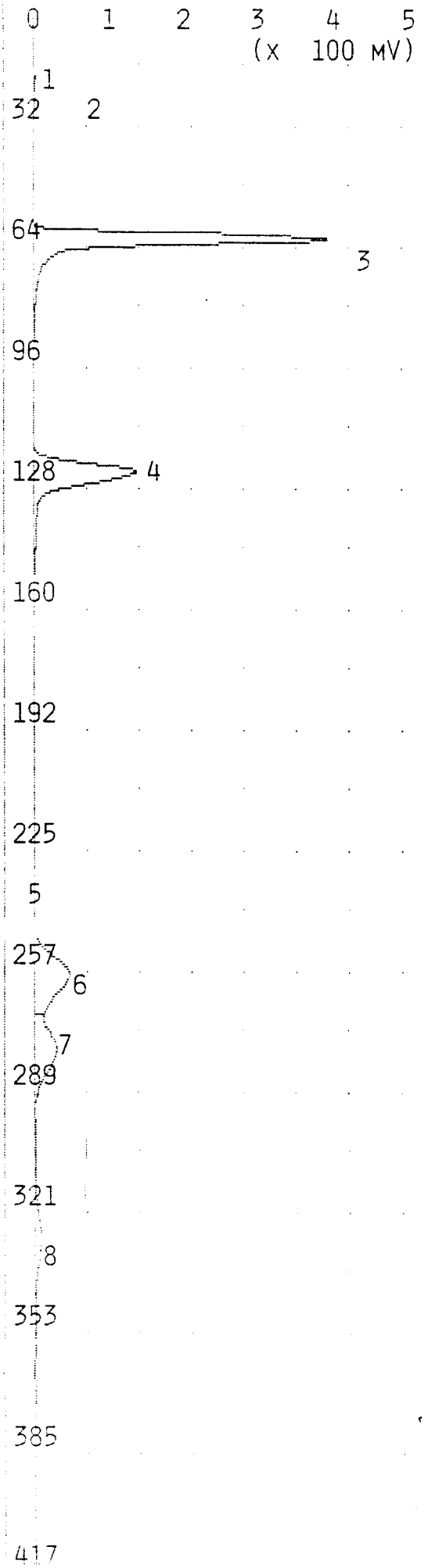
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.628	MVS	16.9
2	UNKNOWN	19.65	MVS	18.6
3	BENZENE	862.7	PPB	60.0
4	TOLUENE	1.061	PPM	122.0
5	UNKNOWN	8.177	MVS	228.0
6	ETHYLBENZENE	522.1	PPB	256.0
7	MP-XYLENE	1.028	PPM	275.7
8	O-XYLENE	556.5	PPB	326.1

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
1 PPM BTEX

ANALYSIS #39 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 16:31
SAMPLE TIME: NOV 10,94 16:17

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

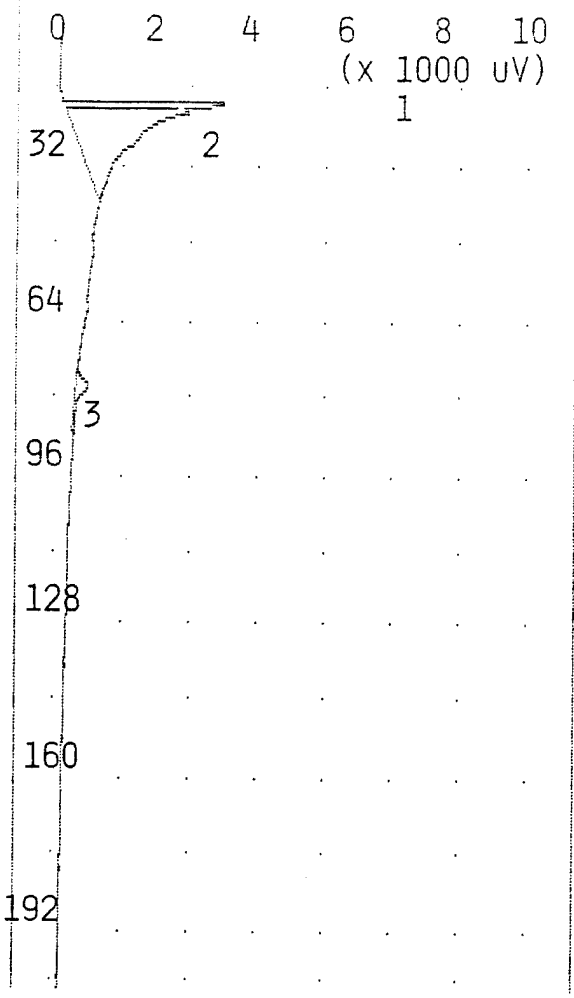
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.628	MVS	16.9
2	UNKNOWN	19.65	MVS	18.6
3	BENZENE	999.9	PPB	60.0
4	TOLUENE	1.000	PPM	122.0
5	UNKNOWN	8.177	MVS	228.0
6	ETHYLBENZENE	999.9	PPB	256.0
7	MP-XYLENE	1.999	PPM	275.7
8	O-XYLENE	999.9	PPB	326.1

NOTES

JOE BYRD, JR.
COOS BAY ANG
10 NOV 1994
1 PPM BTEX

ANALYSIS #40 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 16:44
SAMPLE TIME: NOV 10,94 16:37

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

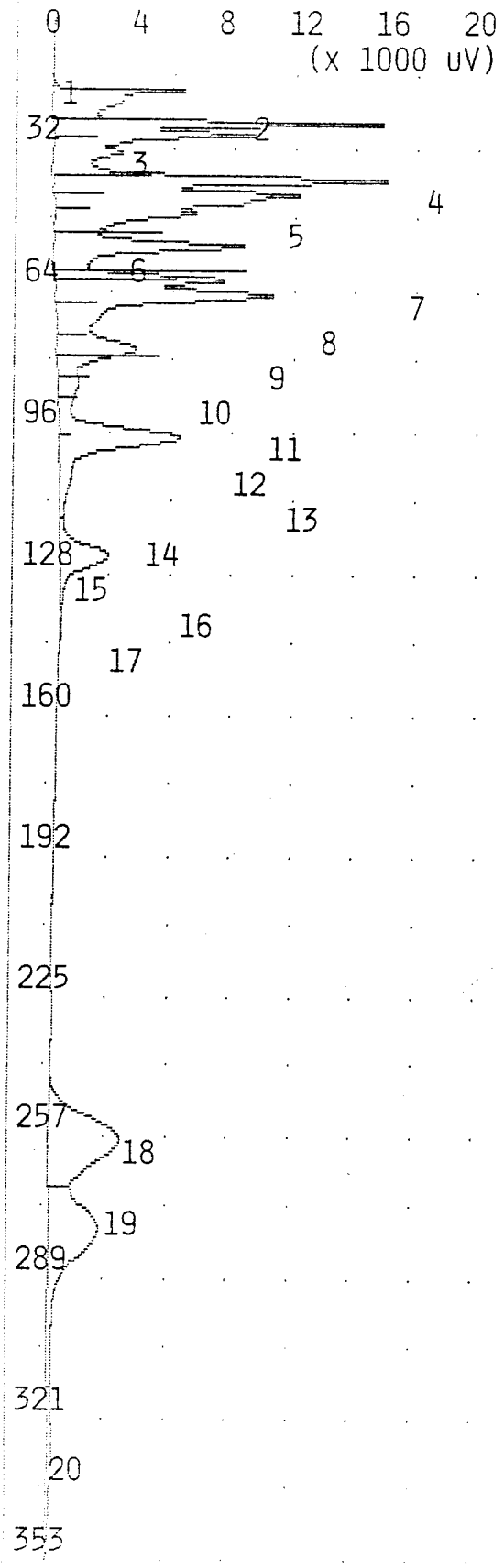
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.927 MVS	17.0
2	UNKNOWN	18.40 MVS	18.6
3	UNKNOWN	0.828 MVS	75.6
4	UNKNOWN	0.741 MVS	227.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
~~1 PPM BTEX~~ 33
AIR BLANK

ANALYSIS #41 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 16:55
SAMPLE TIME: Nov 10,94 16:47

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

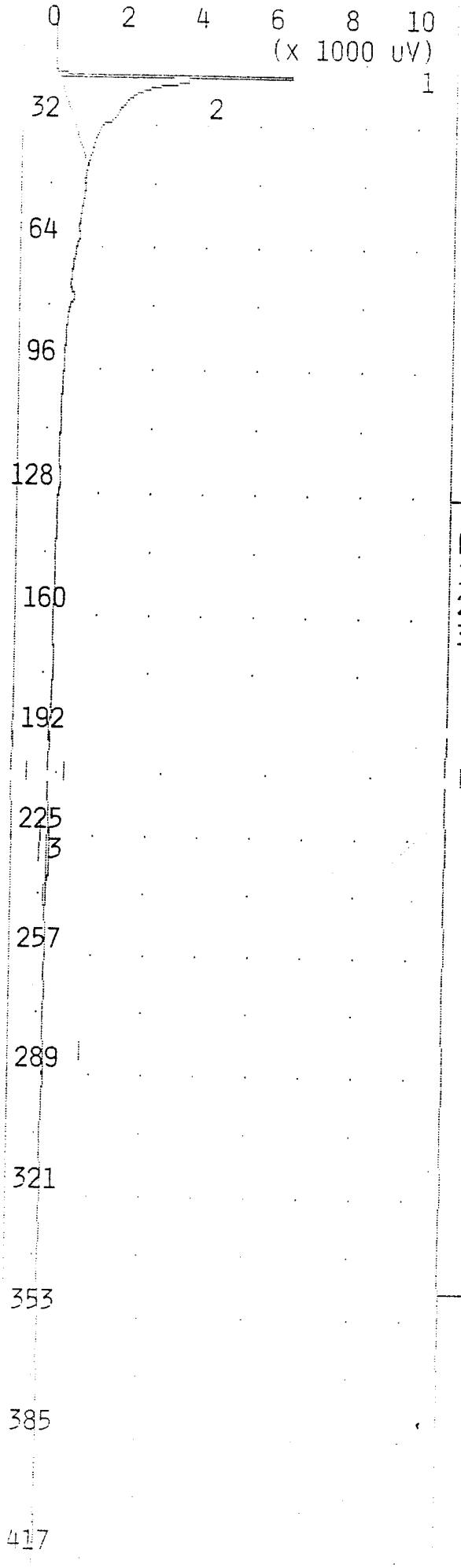
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	0.091	MVS	15.6
2	UNKNOWN	7.324	MVS	16.8
3	UNKNOWN	11.76	MVS	18.5
4	UNKNOWN	25.05	MVS	24.4
5	UNKNOWN	21.98	MVS	26.9
6	UNKNOWN	8.461	MVS	30.8
7	UNKNOWN	38.39	MVS	37.1
8	UNKNOWN	25.14	MVS	40.4
9	UNKNOWN	15.82	MVS	42.1
10	UNKNOWN	22.31	MVS	44.5
11	UNKNOWN	28.51	MVS	52.0
12	BENZENE	18.39	PPB	59.6
13	UNKNOWN	42.55	MVS	63.1
14	UNKNOWN	21.69	MVS	75.4
15	UNKNOWN	6.642	MVS	83.4
16	UNKNOWN	35.60	MVS	95.6
17	TOLUENE	33.46	PPB	122.2
18	ETHYLBENZENE	127.9	PPB	255.7
19	MP-XYLENE	278.3	PPB	275.7
20	O-XYLENE	54.21	PPB	325.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
MSS-002BH 13.5-15.0

ANALYSIS #42 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 17:06
SAMPLE TIME: Nov 10,94 16:59

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

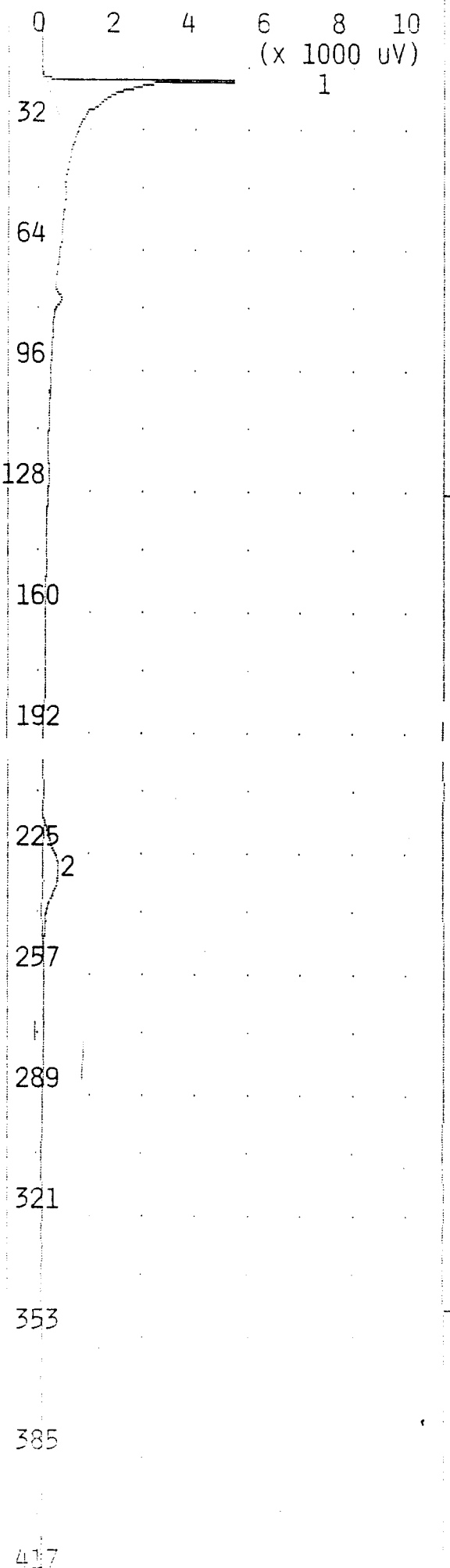
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.026 MVS	16.8
2	UNKNOWN	25.79 MVS	18.4
3	UNKNOWN	0.769 MVS	226.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
MSS-003BH 1.0- 2.5

ANALYSIS #43 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 17:17
SAMPLE TIME: NOV 10,94 17:09

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

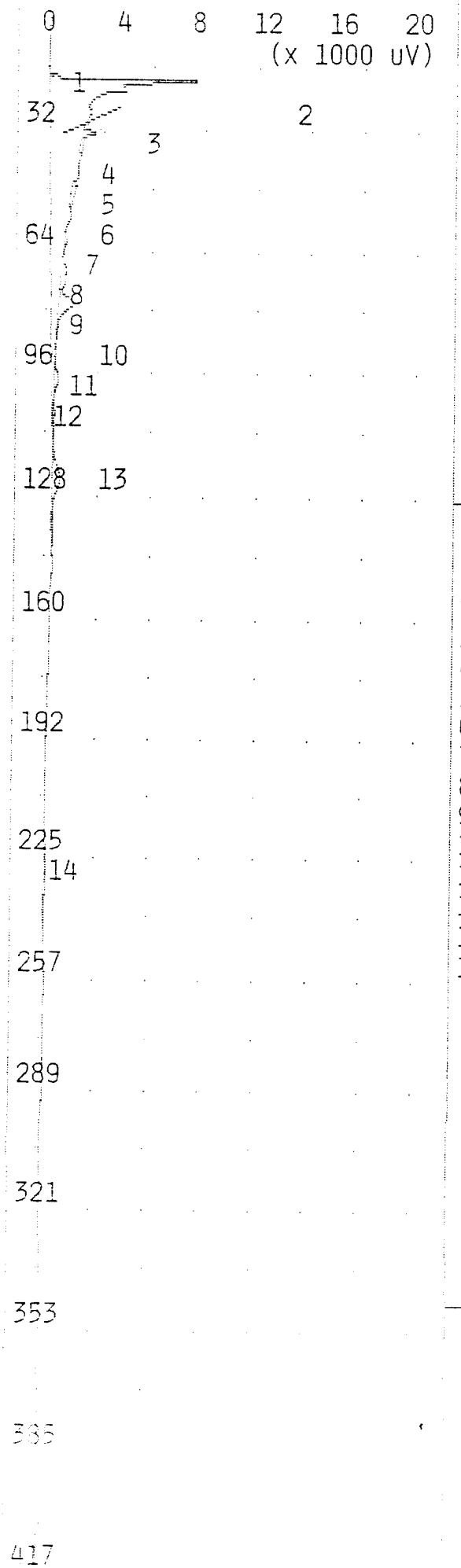
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	22.18 MVS	16.8
2	UNKNOWN	6.408 MVS	226.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
MSS-003BH 4.5- 5.5

ANALYSIS #44 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 17:27
SAMPLE TIME: NOV 10,94 17:19

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

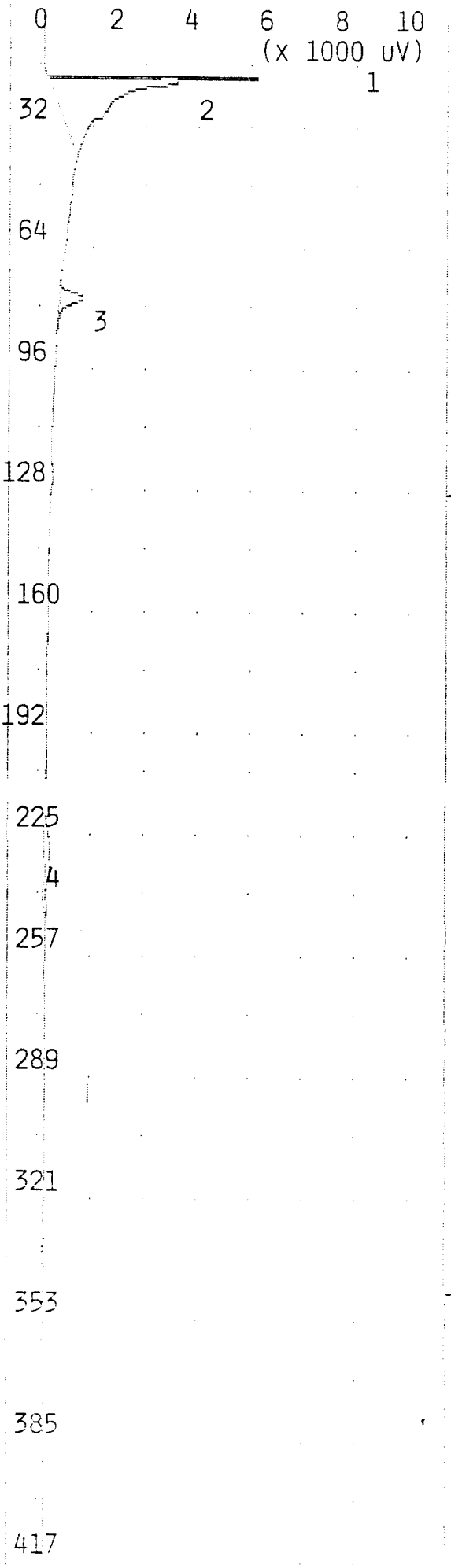
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.369 MVS	15.9
2	UNKNOWN	95.54 MVS	17.0
3	UNKNOWN	0.775 MVS	19.4
4	UNKNOWN	0.675 MVS	25.5
5	UNKNOWN	0.969 MVS	30.9
6	UNKNOWN	0.249 MVS	37.0
7	UNKNOWN	0.475 MVS	42.2
8	UNKNOWN	0.323 MVS	52.5
9	BENZENE	0.117 PPB	59.1
10	UNKNOWN	1.298 MVS	67.4
11	UNKNOWN	3.067 MVS	76.0
12	UNKNOWN	1.178 MVS	95.8
13	TOLUENE	6.611 PPB	122.5
14	UNKNOWN	0.567 MVS	225.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
MSS-003BH 8.5- 9.5

ANALYSIS #45 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 17:38
SAMPLE TIME: NOV 10,94 17:30

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

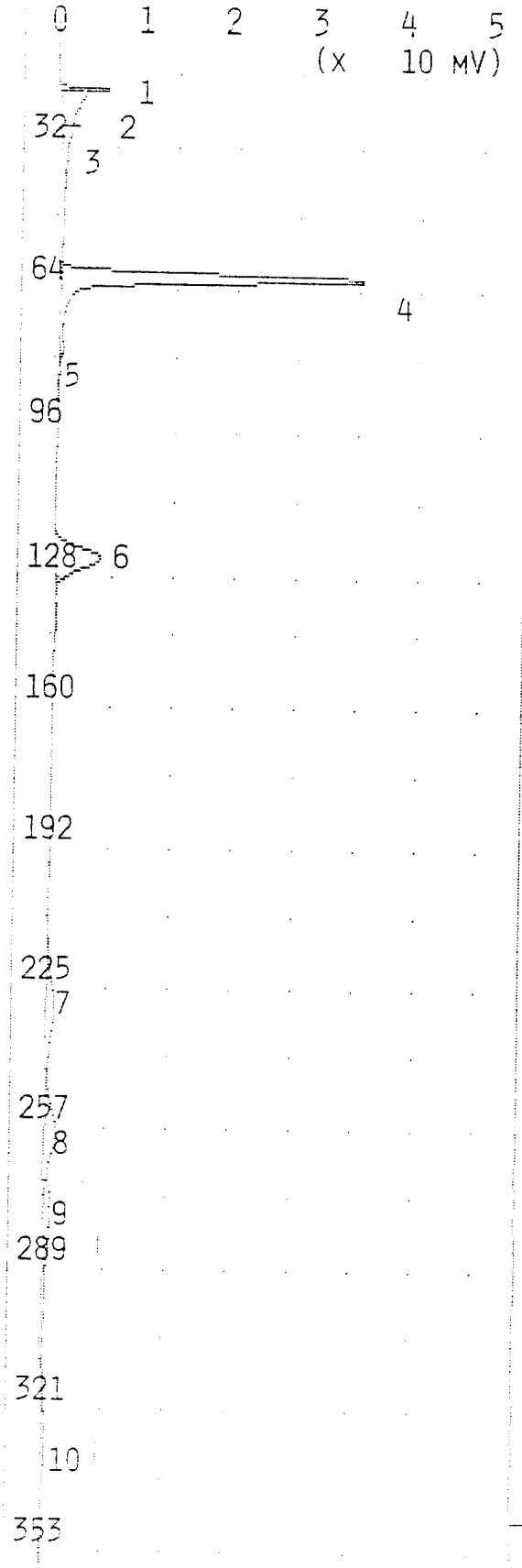
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.335 MVS	16.9
2	UNKNOWN	22.27 MVS	18.4
3	UNKNOWN	2.201 MVS	75.6
4	UNKNOWN	1.978 MVS	228.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
TS-001BH 1.0- 2.5

ANALYSIS #46 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 17:48
SAMPLE TIME: Nov 10,94 17:40

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

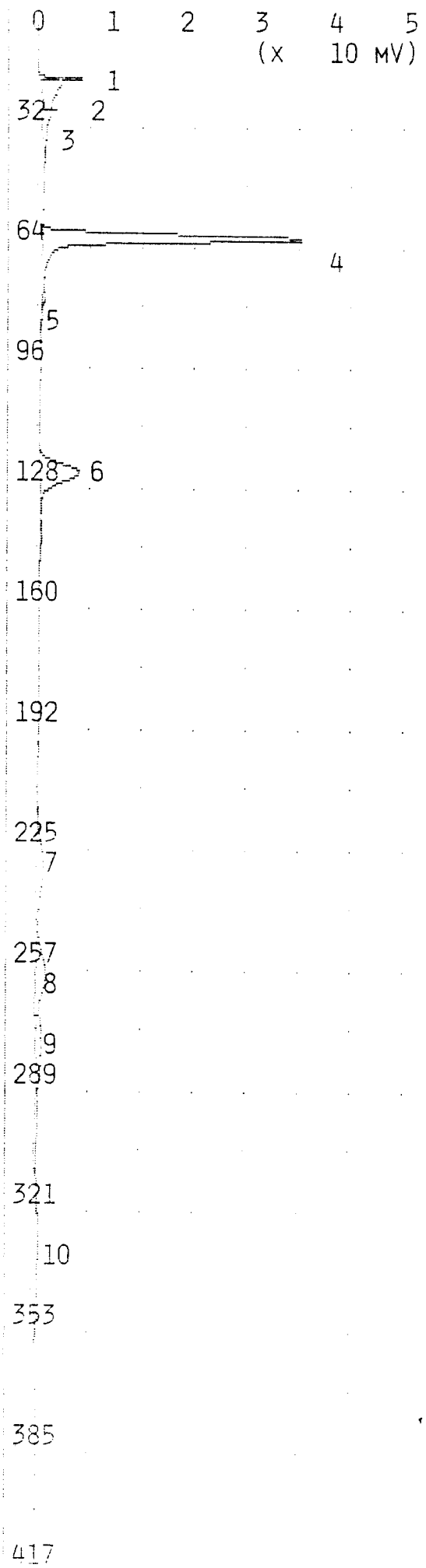
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	6.366	MVS	16.8
2	UNKNOWN	6.282	MVS	18.4
3	UNKNOWN	15.83	MVS	20.7
4	BENZENE	81.87	PPB	59.6
5	UNKNOWN	0.892	MVS	75.4
6	TOLUENE	68.00	PPB	122.2
7	UNKNOWN	12.40	MVS	227.4
8	ETHYLBENZENE	62.82	PPB	255.7
9	MP-XYLENE	130.5	PPB	275.2
10	O-XYLENE	75.15	PPB	325.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
100 PPB BTEX

ANALYSIS #46 1989+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 17:53
SAMPLE TIME: NOV 10,94 17:40

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

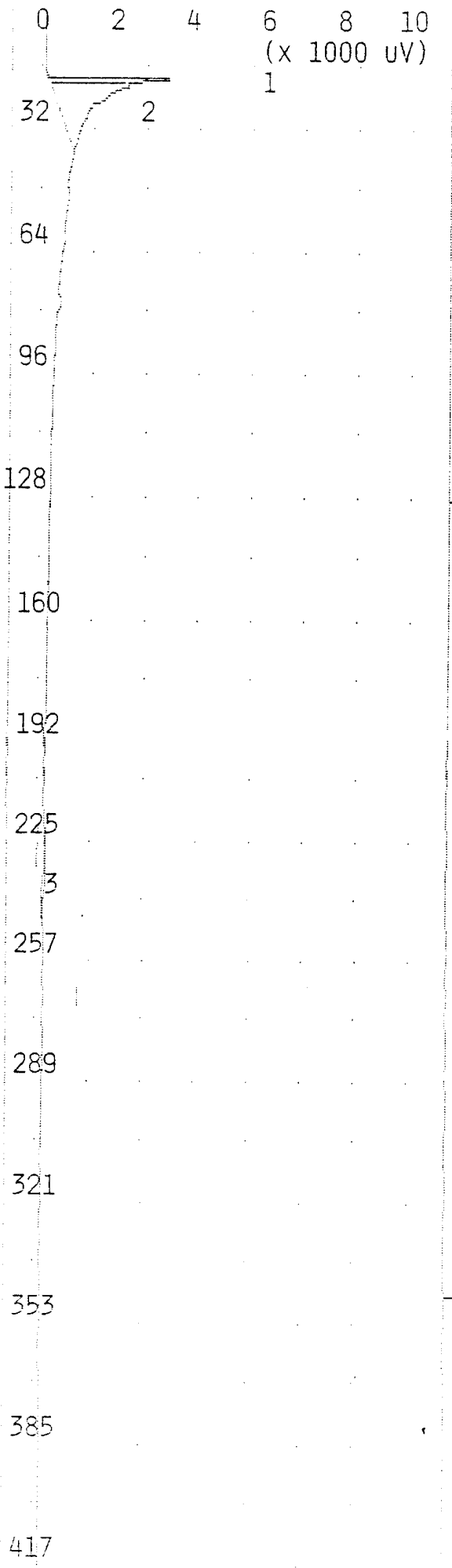
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	6.366	MVS	16.8
2	UNKNOWN	6.282	MVS	18.4
3	UNKNOWN	15.83	MVS	20.7
4	BENZENE	100.0	PPB	59.6
5	UNKNOWN	0.892	MVS	75.4
6	TOLUENE	100.0	PPB	122.2
7	UNKNOWN	12.40	MVS	227.4
8	ETHYLBENZENE	100.0	PPB	255.7
9	MP-XYLENE	199.9	PPB	275.2
10	O-XYLENE	100.0	PPB	325.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
100 PPB BTEX

ANALYSIS #47 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 18:03
SAMPLE TIME: Nov 10,94 17:56

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

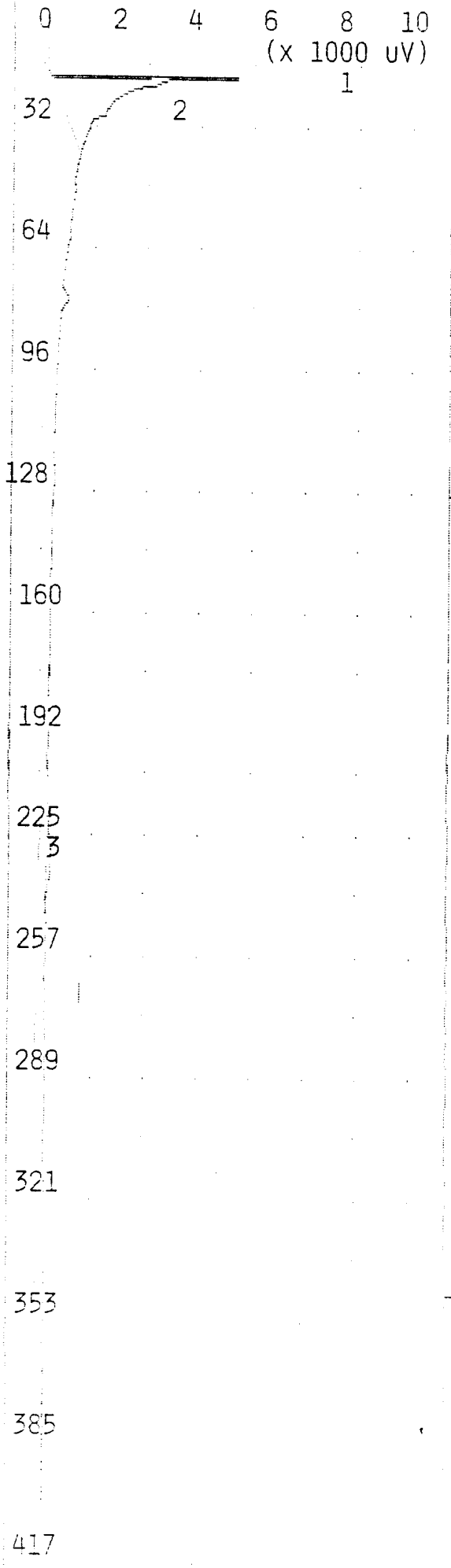
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.555 MVS	16.9
2	UNKNOWN	14.25 MVS	18.7
3	UNKNOWN	0.531 MVS	229.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
AIR BLANK

ANALYSIS #48 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 10,94 18:13
SAMPLE TIME: Nov 10,94 18:06

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

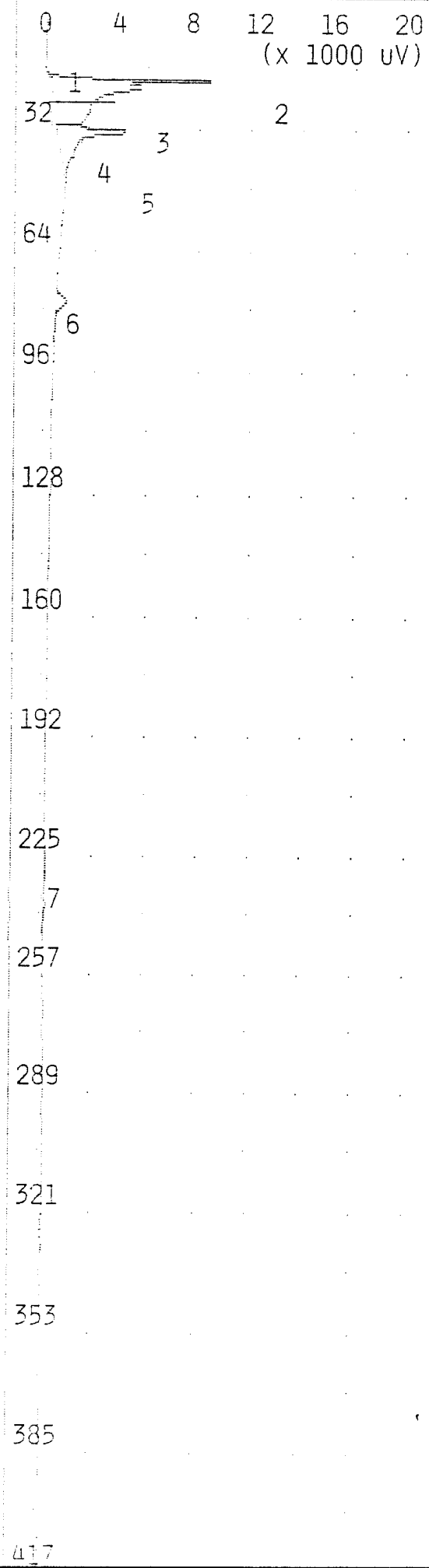
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.851 MVS	16.9
2	UNKNOWN	20.13 MVS	18.5
3	UNKNOWN	1.334 MVS	227.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
TS-001BH 4.5- 6.0

ANALYSIS #49 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 18:24
SAMPLE TIME: NOV 10,94 18:16

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

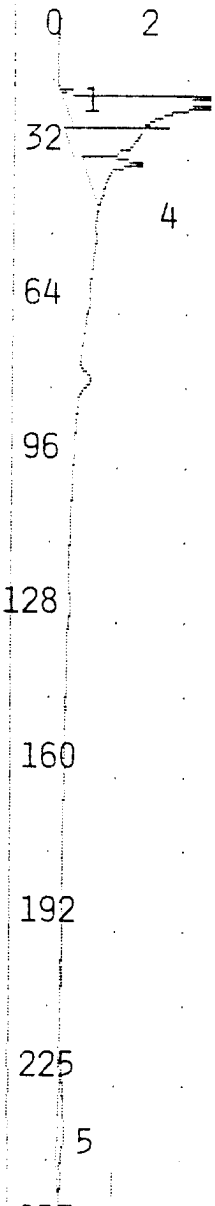
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.495 MVS	15.6
2	UNKNOWN	10.23 MVS	16.7
3	UNKNOWN	29.74 MVS	18.4
4	UNKNOWN	0.239 MVS	25.3
5	UNKNOWN	14.52 MVS	30.7
6	UNKNOWN	1.914 MVS	75.8
7	UNKNOWN	1.134 MVS	229.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
TS-001BH 13.5-15.0

ANALYSIS #50 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 10,94 18:34
SAMPLE TIME: NOV 10,94 18:27

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	12	ML/MIN
B/F FLOW	12	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	450.0	SEC

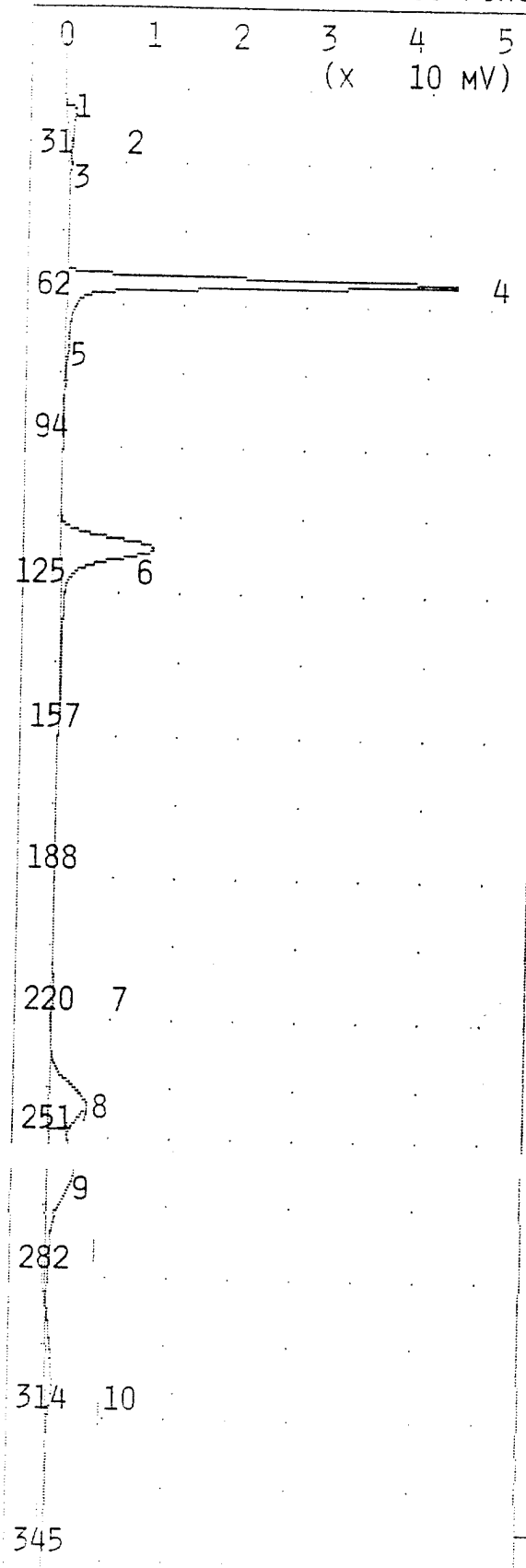
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.218 MVS	15.8
2	UNKNOWN	4.385 MVS	17.0
3	UNKNOWN	19.08 MVS	18.6
4	UNKNOWN	4.730 MVS	30.8
5	UNKNOWN	1.517 MVS	229.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 NOV 1994
TS-001BH 8.5-10.0

ANALYSIS #1 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 07:58
SAMPLE TIME: NOV 11,94 07:51

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	24	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

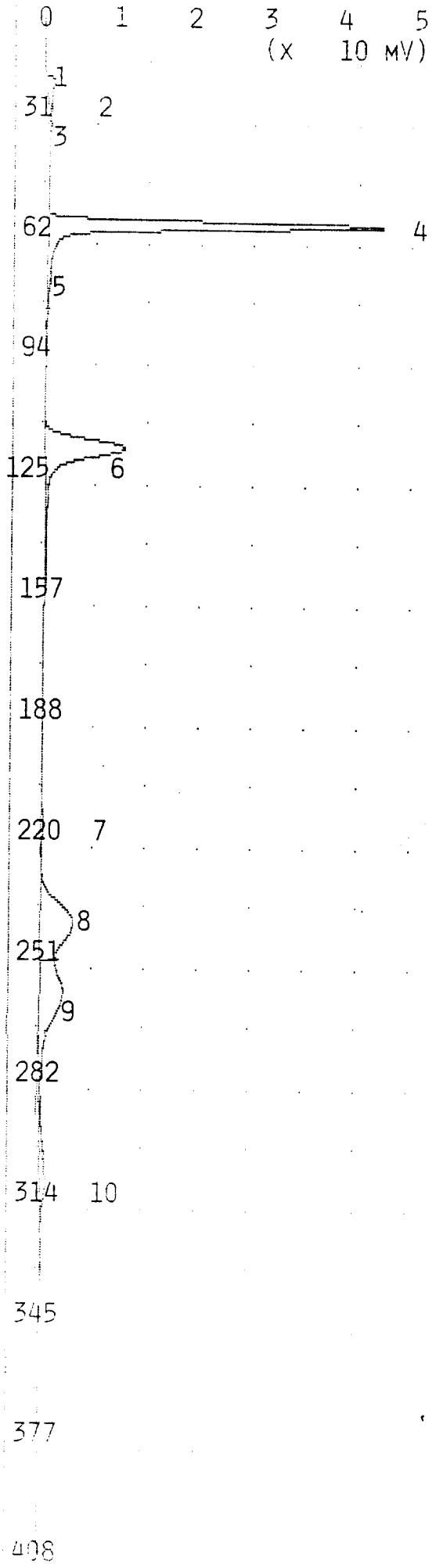
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.060 MVS	15.8
2	UNKNOWN	7.730 MVS	17.6
3	UNKNOWN	0.063 MVS	23.0
4	UNKNOWN	121.3 MVS	55.7
5	UNKNOWN	0.394 MVS	70.2
6	UNKNOWN	69.26 MVS	114.0
7	UNKNOWN	1.249 MVS	212.2
8	UNKNOWN	55.80 MVS	237.8
9	UNKNOWN	47.36 MVS	256.0
10	UNKNOWN	14.32 MVS	303.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #1 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 08:07
SAMPLE TIME: Nov 11,94 07:51

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	25	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

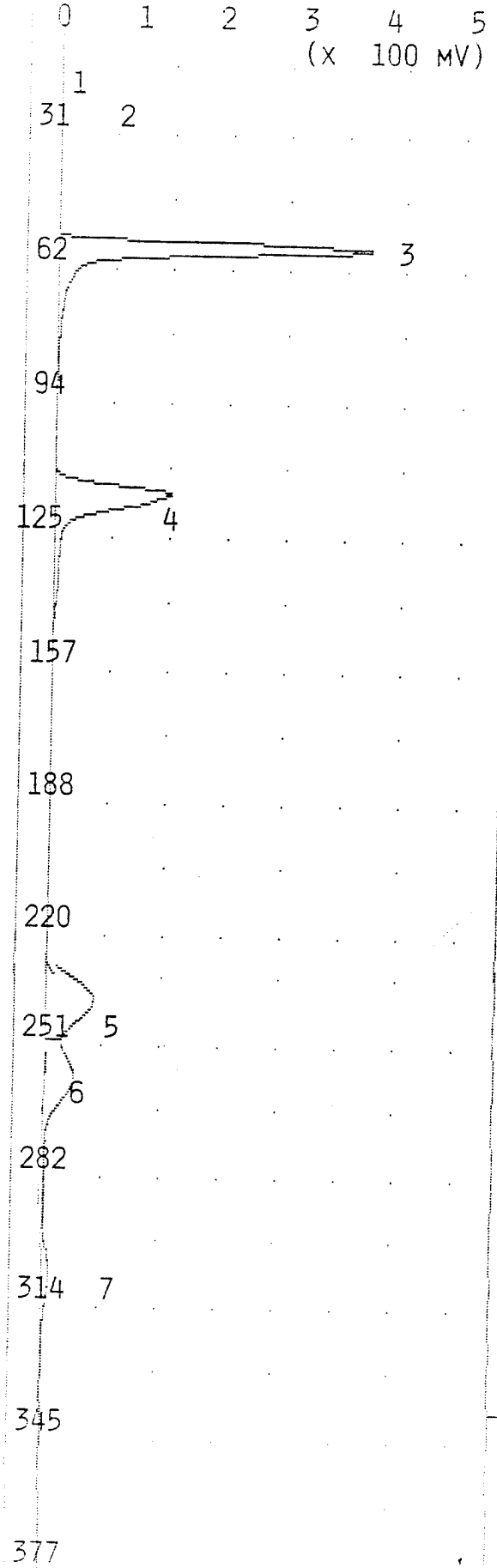
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	0.060	MVS	15.8
2	UNKNOWN	7.730	MVS	17.6
3	UNKNOWN	0.063	MVS	23.0
4	BENZENE	100.0	PPB	55.7
5	UNKNOWN	0.394	MVS	70.2
6	TOLUENE	100.0	PPB	114.0
7	UNKNOWN	1.249	MVS	212.2
8	ETHYLBENZENE	100.0	PPB	237.8
9	MP-XYLENE	200.0	PPB	256.0
10	O-XYLENE	100.0	PPB	303.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #2 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 08:17
SAMPLE TIME: Nov 11,94 08:10

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	25	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

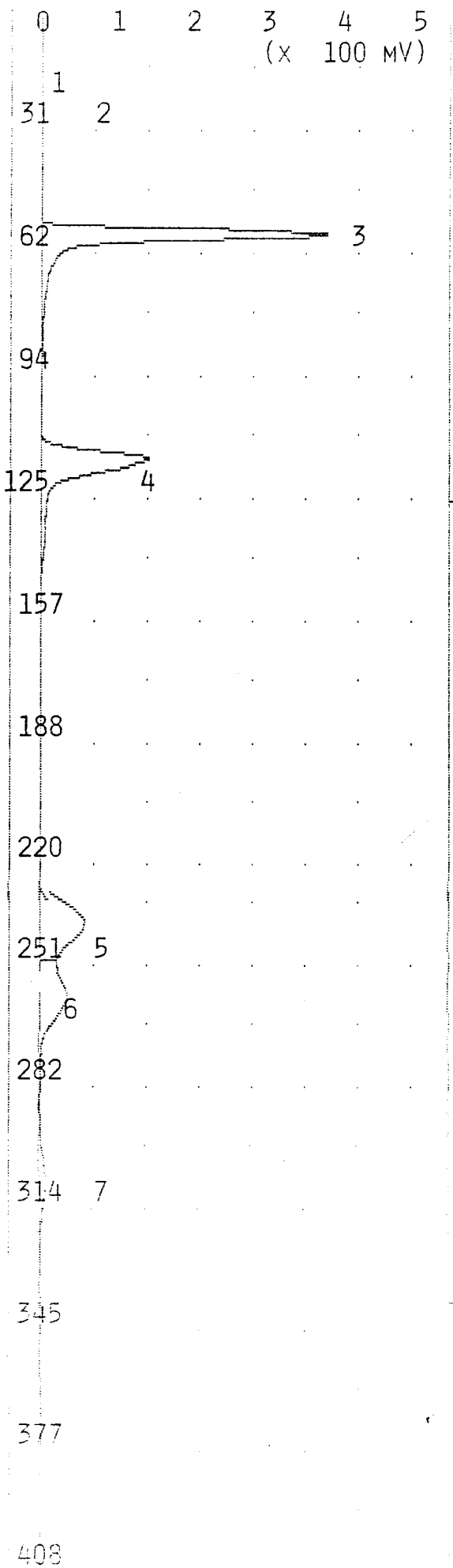
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.039 MVS	15.7
2	UNKNOWN	2.908 MVS	17.9
3	BENZENE	1.222 PPM	56.1
4	TOLUENE	1.448 PPM	113.4
5	ETHYLBENZENE	1.360 PPM	238.4
6	MP-XYLENE	2.179 PPM	256.8
7	O-XYLENE	1.378 PPM	304.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
1 PPM BTEX

ANALYSIS #2 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 08:29
SAMPLE TIME: NOV 11,94 08:10

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

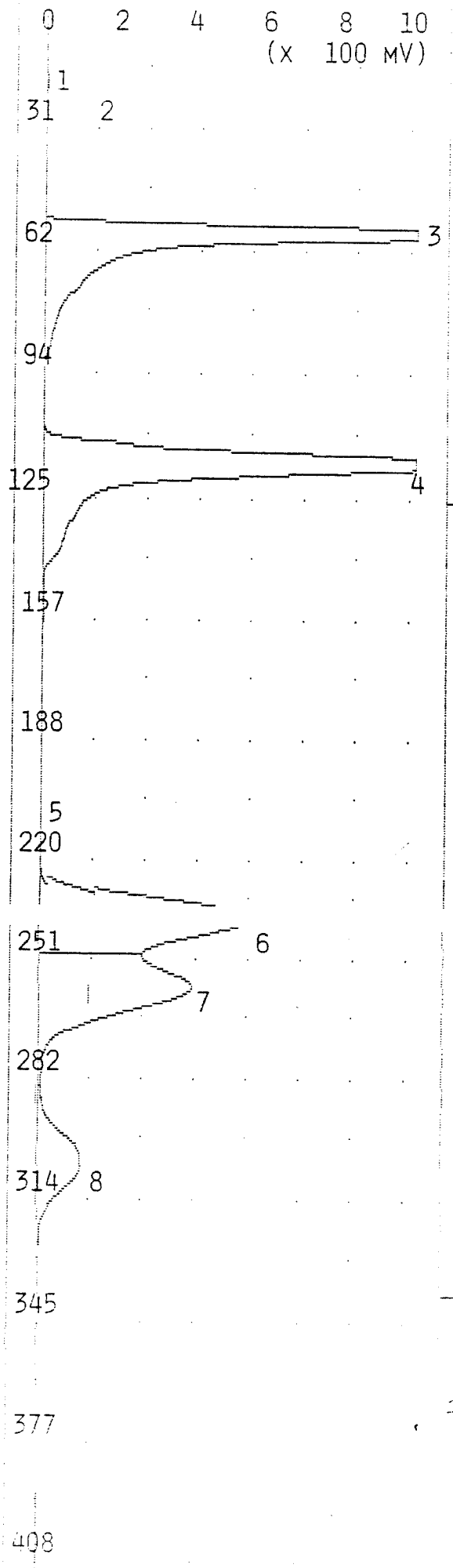
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	0.039	MVS	15.7
2	UNKNOWN	2.908	MVS	17.9
3	BENZENE	1.000	PPM	56.1
4	TOLUENE	1.000	PPM	113.4
5	ETHYLBENZENE	1.000	PPM	238.4
6	MP-XYLENE	2.000	PPM	256.8
7	O-XYLENE	1.000	PPM	304.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
1 PPM BTEX

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 08:39
SAMPLE TIME: Nov 11,94 08:32

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

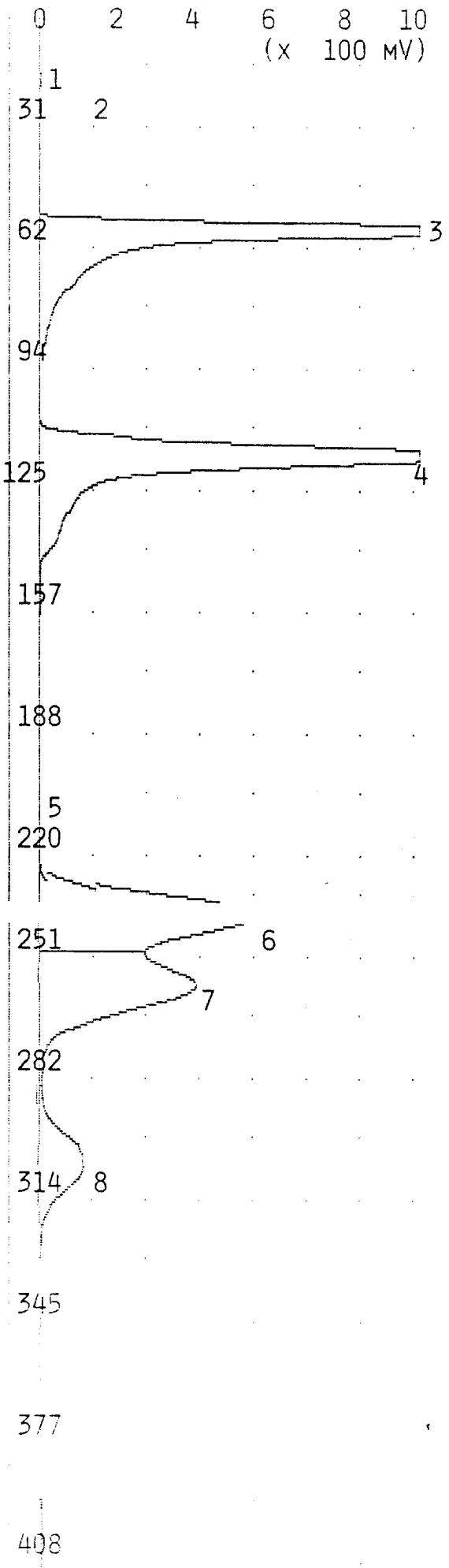
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.314 MVS	15.9
2	UNKNOWN	32.64 MVS	17.3
3	BENZENE	6.866 PPM	56.3
4	TOLUENE	9.851 PPM	114.6
5	UNKNOWN	3.264 MVS	205.6
6	ETHYLBENZENE	10.29 PPM	238.4
7	MP-XYLENE	24.11 PPM	256.5
8	O-XYLENE	10.81 PPM	301.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
B 10 PPM BTEX

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 08:45
SAMPLE TIME: Nov 11,94 08:32

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

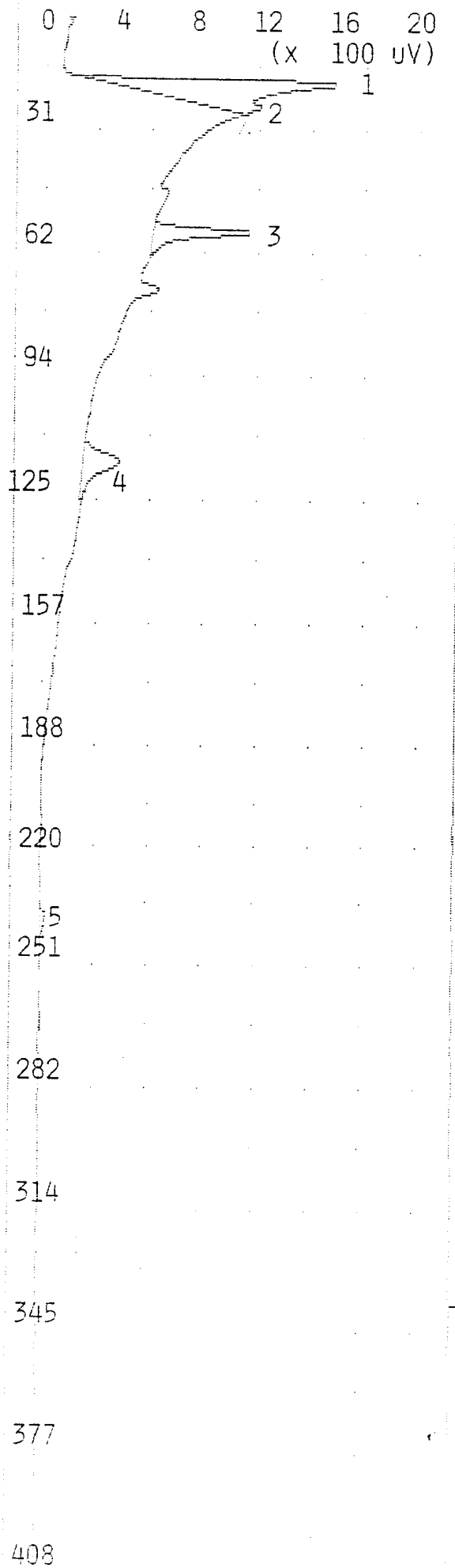
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	3.314	MVS	15.9
2	UNKNOWN	32.64	MVS	17.3
3	BENZENE	10.00	PPM	56.3
4	TOLUENE	10.00	PPM	114.6
5	UNKNOWN	3.264	MVS	205.6
6	ETHYLBENZENE	10.00	PPM	238.4
7	MP-XYLENE	20.00	PPM	256.5
8	O-XYLENE	10.01	PPM	301.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 PPM BTEX

ANALYSIS #4 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 08:55
SAMPLE TIME: NOV 11,94 08:48

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

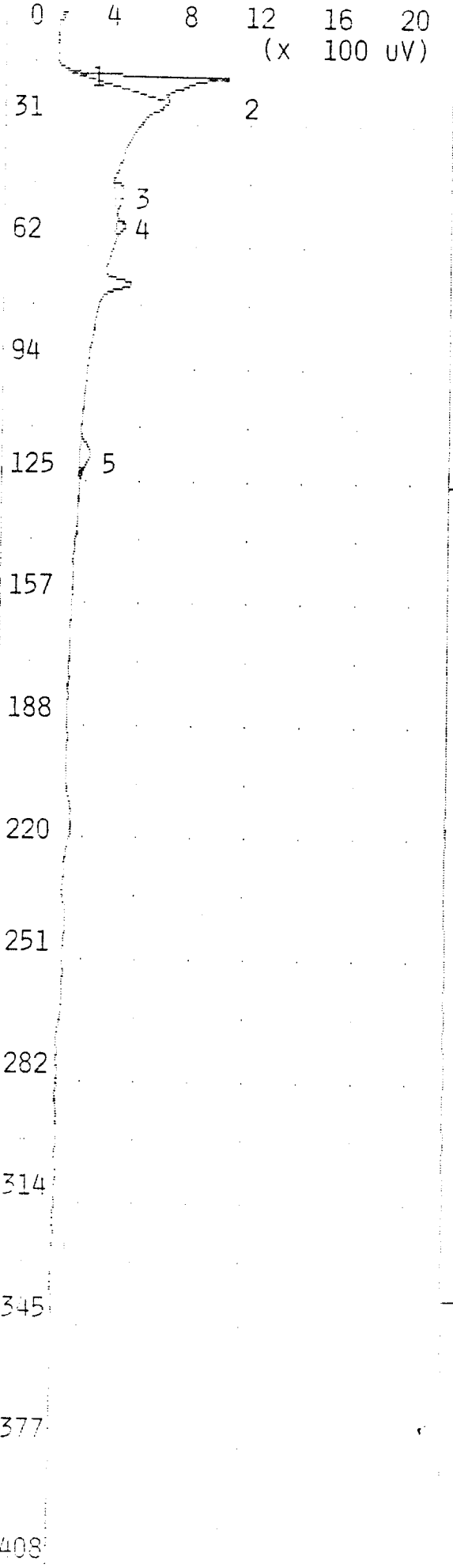
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.332 MVS	17.4
2	UNKNOWN	0.072 MVS	23.4
3	BENZENE	1.217 PPB	55.6
4	TOLUENE	1.693 PPB	114.0
5	ETHYLBENZENE	1.163 PPB	236.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
~~10 PPM BTEX~~ SB
AIR BLANK

ANALYSIS #5 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 09:36
SAMPLE TIME: NOV 11,94 09:28

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

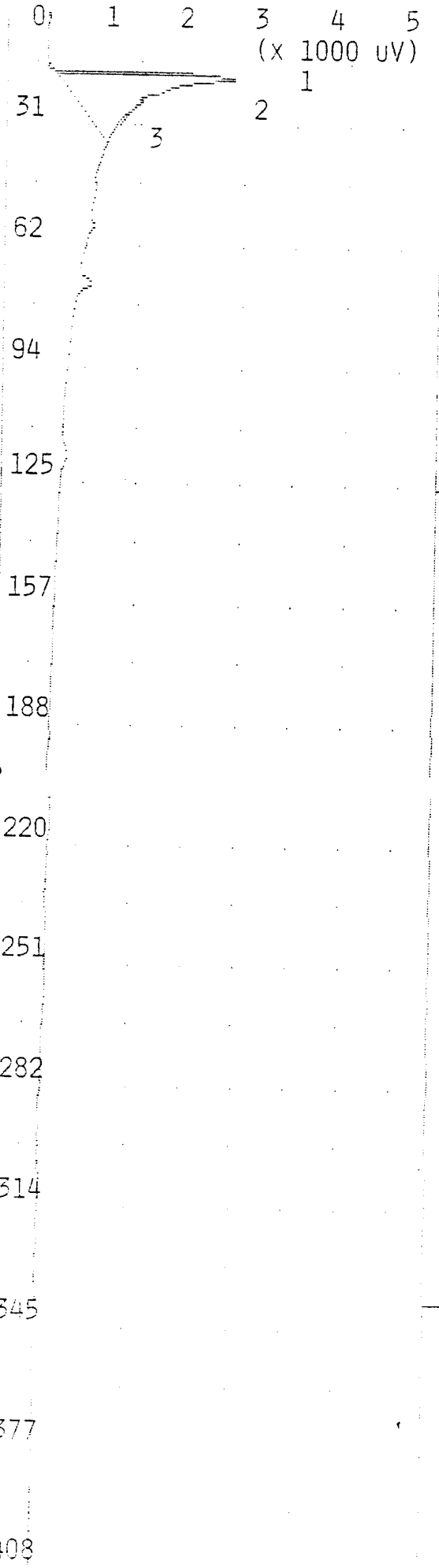
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	0.045	MVS	15.8
2	UNKNOWN	2.243	MVS	17.2
3	UNKNOWN	0.312	MVS	48.2
4	BENZENE	0.085	PPB	56.0
5	TOLUENE	0.449	PPB	113.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A24-001BH 1.0- 2.5

ANALYSIS #6 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 09:46
SAMPLE TIME: NOV 11,94 09:38

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

PEAK REPORT

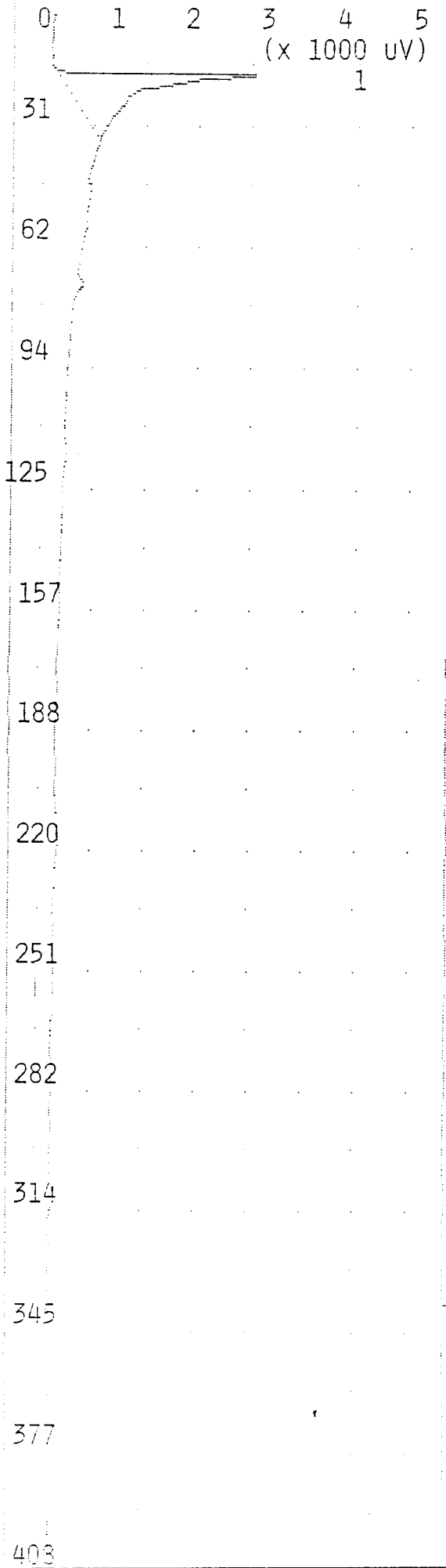
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.305 MVS	16.0
2	UNKNOWN	14.13 MVS	17.3
3	UNKNOWN	0.046 MVS	23.1

LHa?

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A24-001BH 4.5- 6.0

ANALYSIS #7 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 10:26
SAMPLE TIME: Nov 11,94 10:10

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

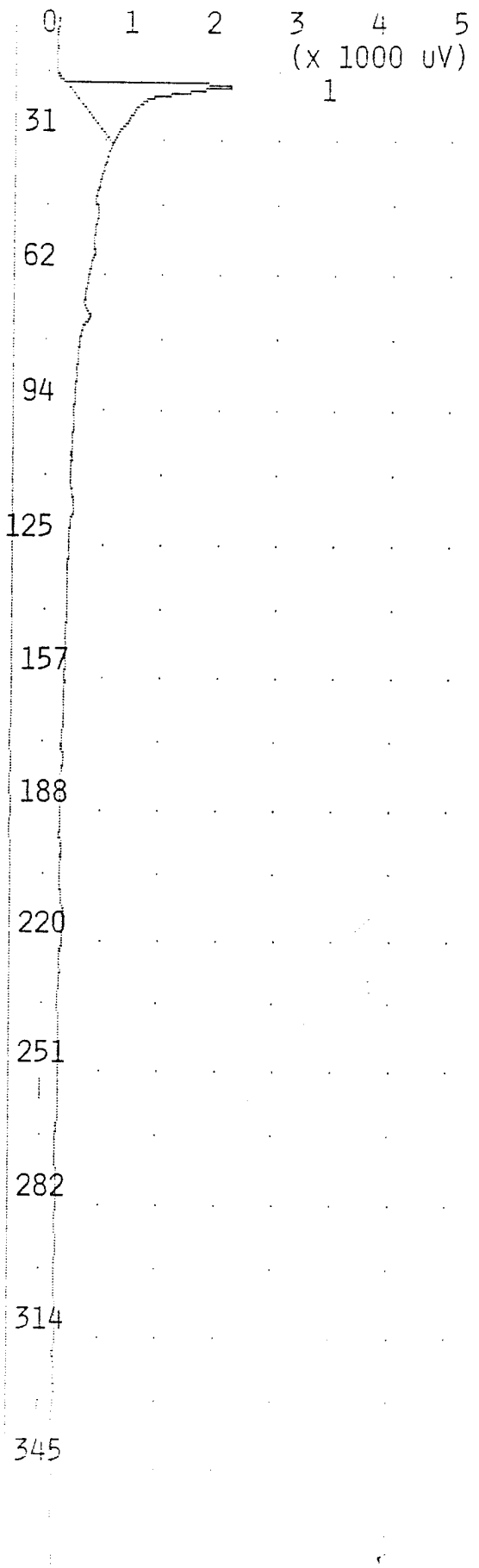
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	13.63 MVS	15.9

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A24-001BH 8.5-10.0

ANALYSIS #8 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 10:37
SAMPLE TIME: NOV 11,94 10:29

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

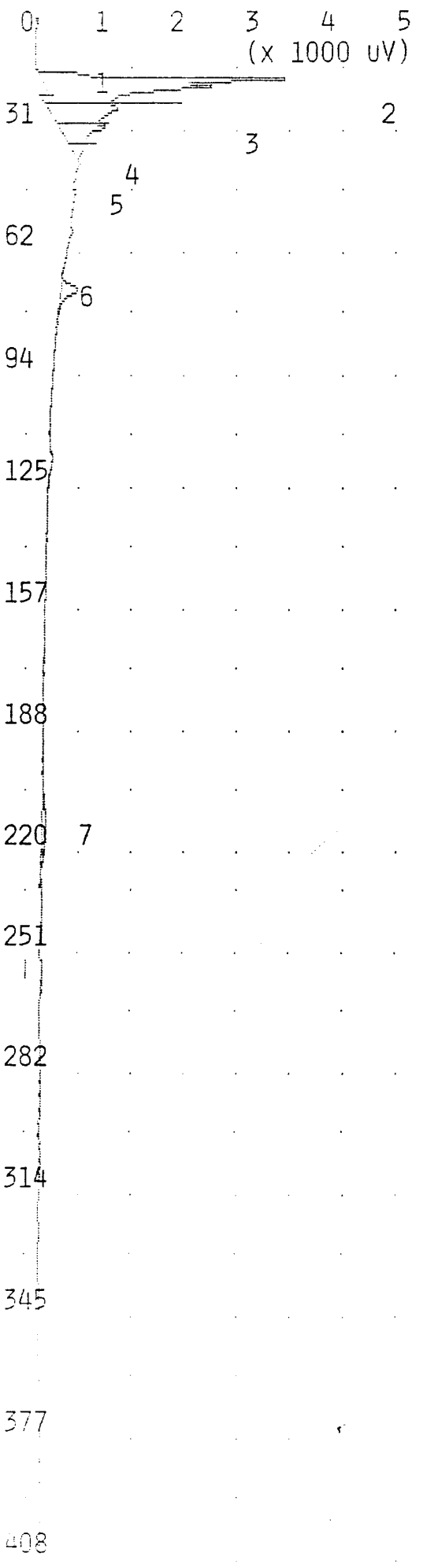
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	10.39 MVS	16.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A24-001BH 13.5-15.0

ANALYSIS #9 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 10:47
SAMPLE TIME: NOV 11,94 10:40

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

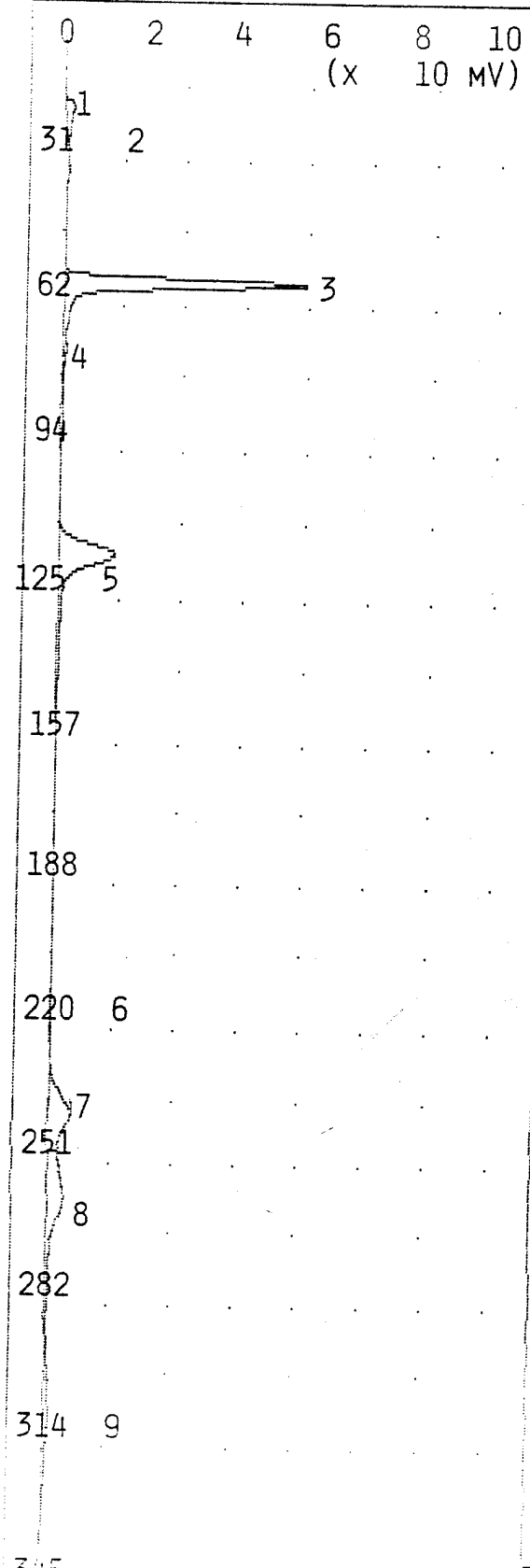
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.392 MVS	14.8
2	UNKNOWN	5.291 MVS	16.0
3	UNKNOWN	6.393 MVS	18.0
4	UNKNOWN	3.247 MVS	23.6
5	UNKNOWN	1.276 MVS	28.6
6	UNKNOWN	0.717 MVS	70.4
7	UNKNOWN	0.678 MVS	210.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A24-001BH 18.5-20.0

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 10:57
SAMPLE TIME: Nov 11,94 10:50

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

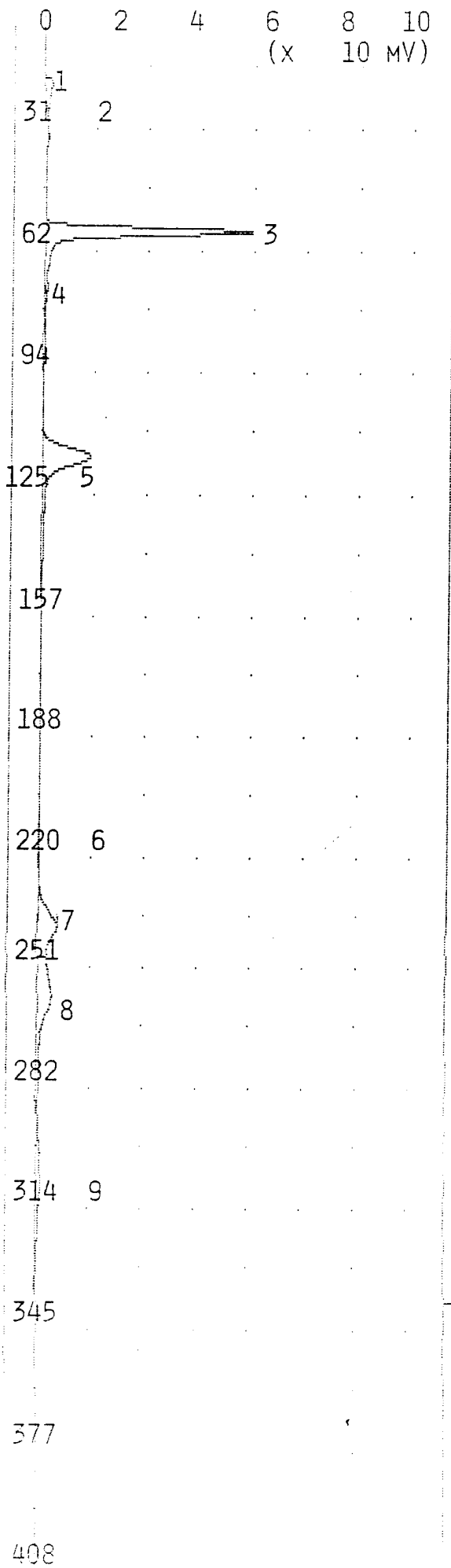
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.305 MVS	16.4
2	UNKNOWN	13.40 MVS	17.4
3	BENZENE	118.7 PPB	55.8
4	UNKNOWN	0.938 MVS	70.2
5	TOLUENE	110.8 PPB	114.0
6	UNKNOWN	1.649 MVS	211.2
7	ETHYLBENZENE	111.5 PPB	237.4
8	MP-XYLENE	232.5 PPB	256.0
9	O-XYLENE	121.2 PPB	302.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 11:02
SAMPLE TIME: NOV 11,94 10:50

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

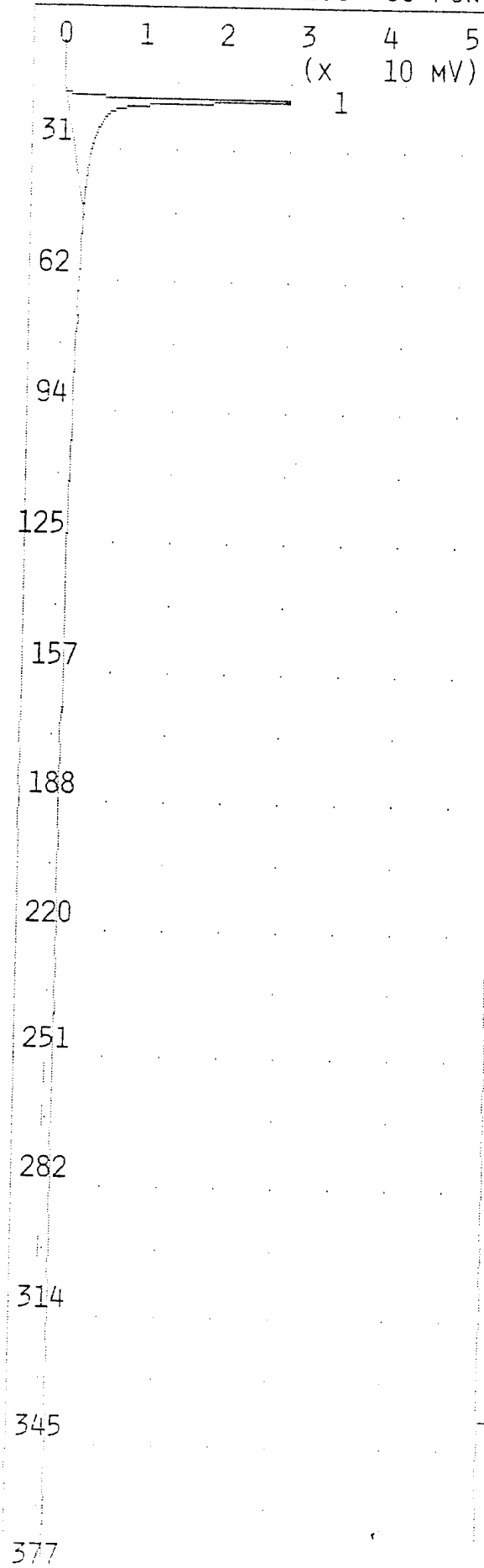
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	1.305	MVS	16.4
2	UNKNOWN	13.40	MVS	17.4
3	BENZENE	99.99	PPB	55.8
4	UNKNOWN	0.938	MVS	70.2
5	TOLUENE	99.99	PPB	114.0
6	UNKNOWN	1.649	MVS	211.2
7	ETHYLBENZENE	100.0	PPB	237.4
8	MP-XYLENE	200.0	PPB	256.0
9	O-XYLENE	100.0	PPB	302.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #11 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 11:13
SAMPLE TIME: Nov 11,94 11:05

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

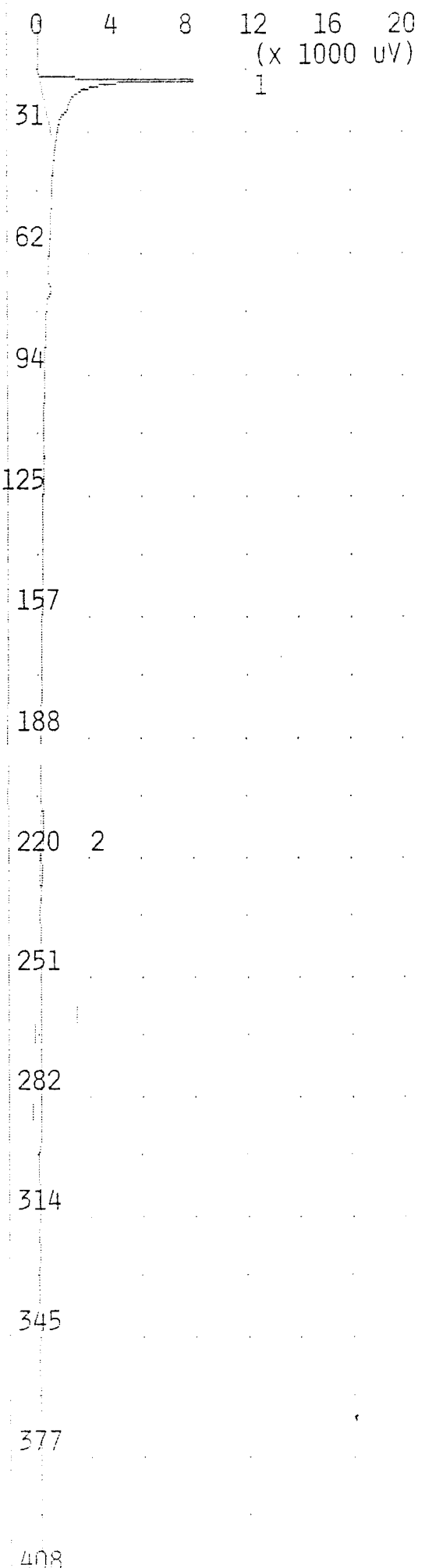
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	96.15 MVS	17.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
AIR BLANK

ANALYSIS #12 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 11:25
SAMPLE TIME: NOV 11,94 11:18

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

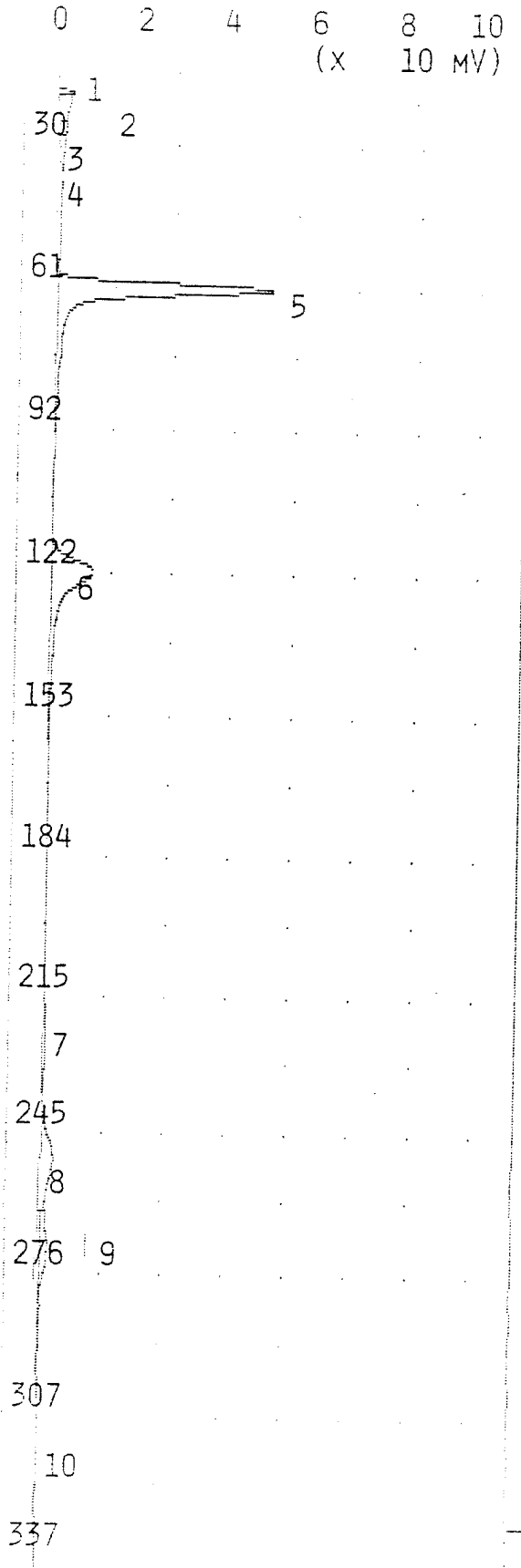
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	26.36 MVS	15.8
2	UNKNOWN	1.267 MVS	209.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A24-002BH ~~11.0~~ 2.5
1.0

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 11:30
SAMPLE TIME: Nov 18,94 11:23

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

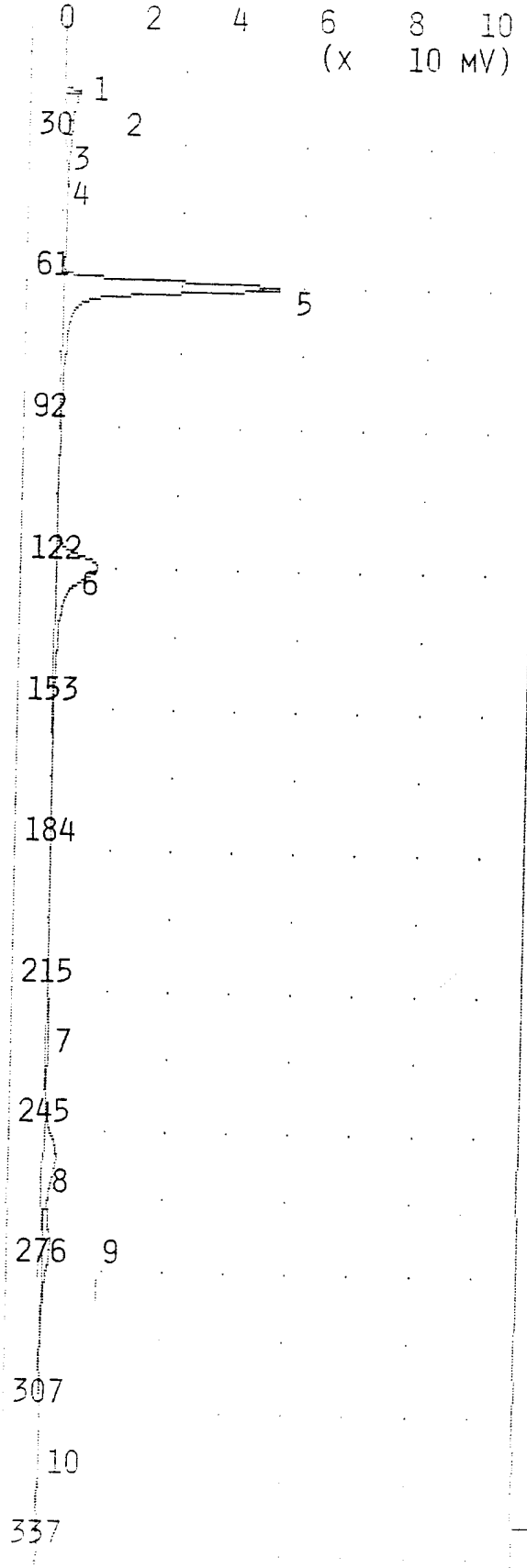
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	4.379	MVS	17.2
2	UNKNOWN	12.76	MVS	19.0
3	UNKNOWN	4.067	MVS	24.9
4	UNKNOWN	7.004	MVS	27.5
5	BENZENE	114.7	PPB	59.6
6	TOLUENE	121.8	PPB	120.6
7	UNKNOWN	7.696	MVS	221.8
8	ETHYLBENZENE	119.4	PPB	250.1
9	MP-XYLENE	248.7	PPB	268.5
10	O-XYLENE	108.3	PPB	314.9

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 11:35
SAMPLE TIME: Nov 18,94 11:23

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

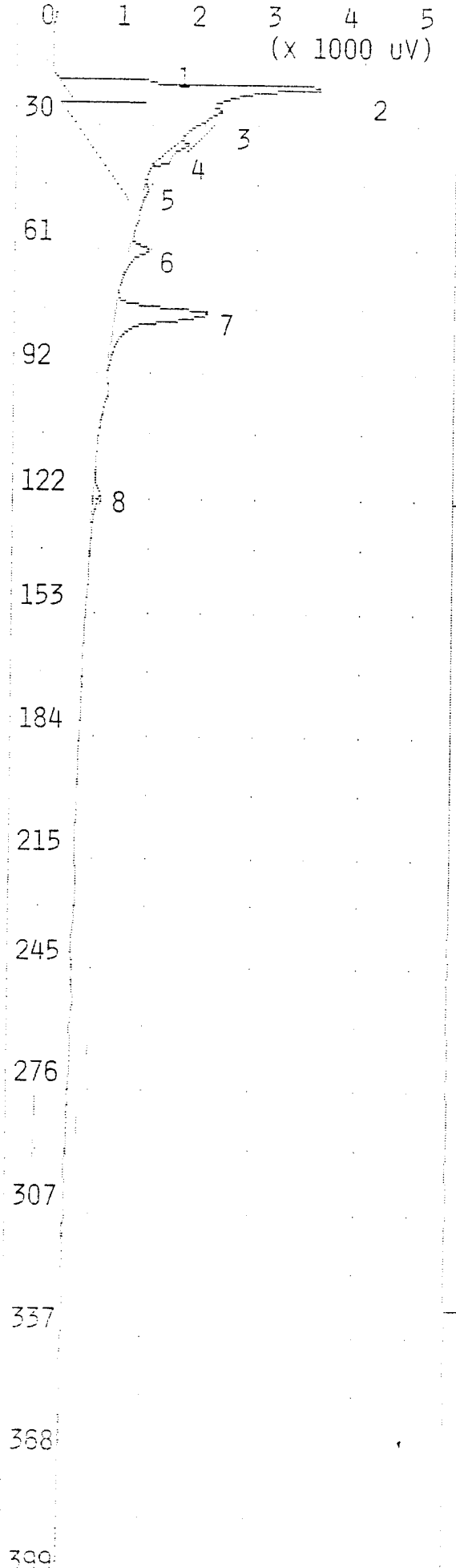
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.379 MVS	17.2
2	UNKNOWN	12.76 MVS	19.0
3	UNKNOWN	4.067 MVS	24.9
4	UNKNOWN	7.004 MVS	27.5
5	BENZENE	100.0 PPB	59.6
6	TOLUENE	100.0 PPB	120.6
7	UNKNOWN	7.696 MVS	221.8
8	ETHYLBENZENE	99.99 PPB	250.1
9	MP-XYLENE	199.9 PPB	268.5
10	O-XYLENE	100.0 PPB	314.9

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #11 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 11:45
SAMPLE TIME: NOV 18,94 11:38

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

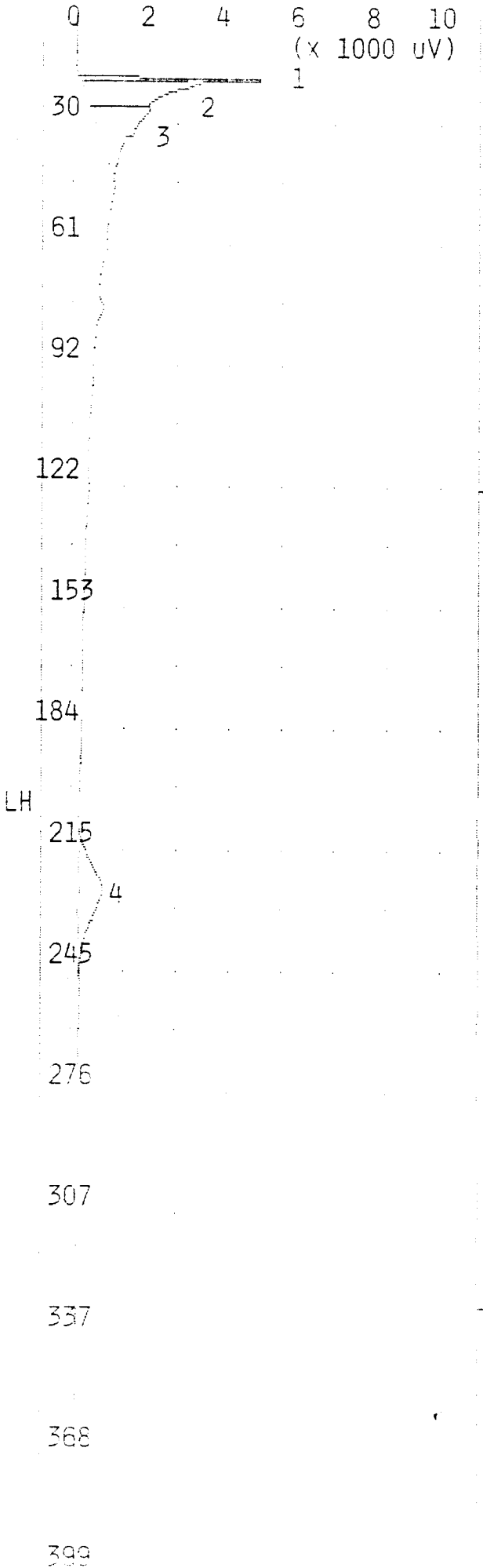
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	1.127	MVS	17.5
2	UNKNOWN	33.77	MVS	18.9
3	UNKNOWN	0.500	MVS	25.0
4	UNKNOWN	0.733	MVS	33.6
5	UNKNOWN	0.162	MVS	44.8
6	BENZENE	0.512	PPB	59.7
7	UNKNOWN	5.330	MVS	75.3
8	TOLUENE	0.778	PPB	120.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
AIR BLANK

ANALYSIS #12 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 11:56
SAMPLE TIME: Nov 18,94 11:49

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

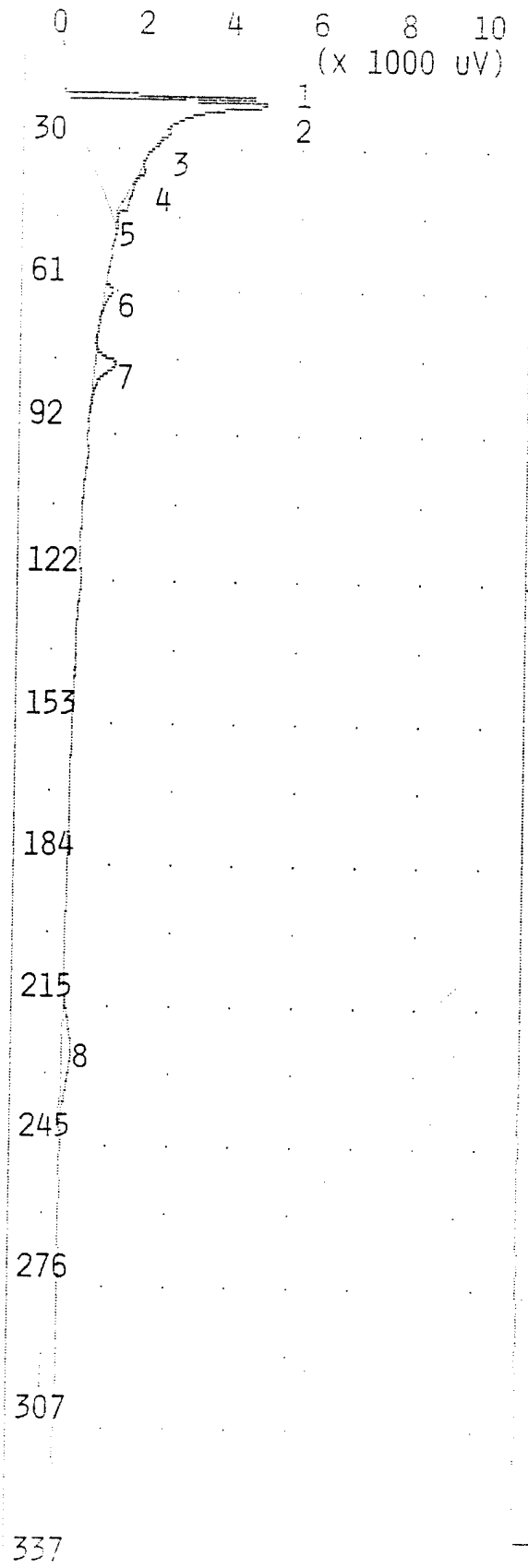
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.021 MVS	17.3
2	UNKNOWN	13.23 MVS	18.9
3	UNKNOWN	13.55 MVS	25.1
4	UNKNOWN	9.601 MVS	222.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
TS-003BH 1.0-2.0

ANALYSIS #13 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 12:06
SAMPLE TIME: Nov 18,94 11:59

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

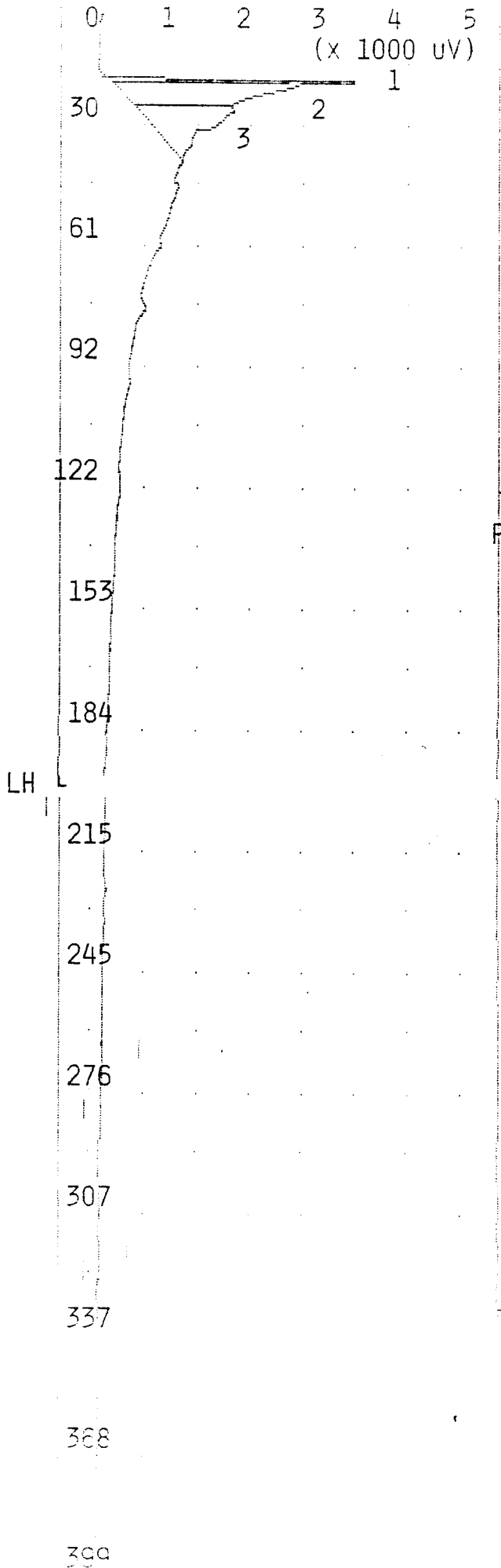
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.740 MVS	17.3
2	UNKNOWN	39.12 MVS	18.9
3	UNKNOWN	0.243 MVS	25.0
4	UNKNOWN	0.924 MVS	33.5
5	UNKNOWN	0.130 MVS	44.2
6	BENZENE	0.329 PPB	59.6
7	UNKNOWN	2.081 MVS	75.3
8	UNKNOWN	2.737 MVS	222.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
MSS-004BH 4.0-5.0

ANALYSIS #14 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 12:16
SAMPLE TIME: NOV 18,94 12:09

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

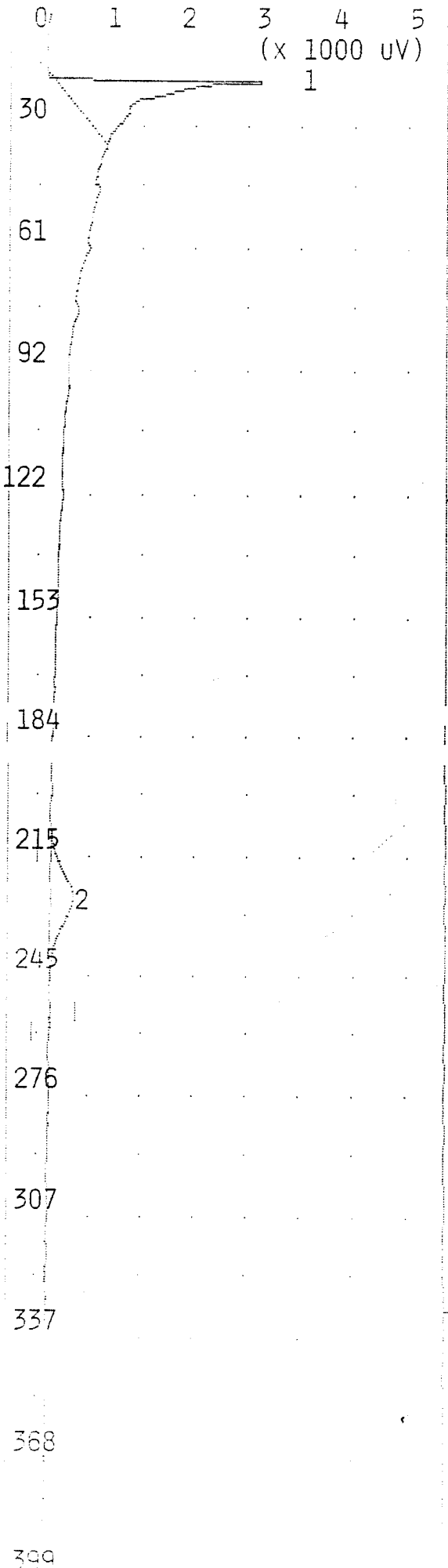
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.996 MVS	17.3
2	UNKNOWN	10.60 MVS	18.8
3	UNKNOWN	8.289 MVS	24.9

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A40-003BH 7.0-8.0

ANALYSIS #15 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 12:26
SAMPLE TIME: NOV 18,94 12:19

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

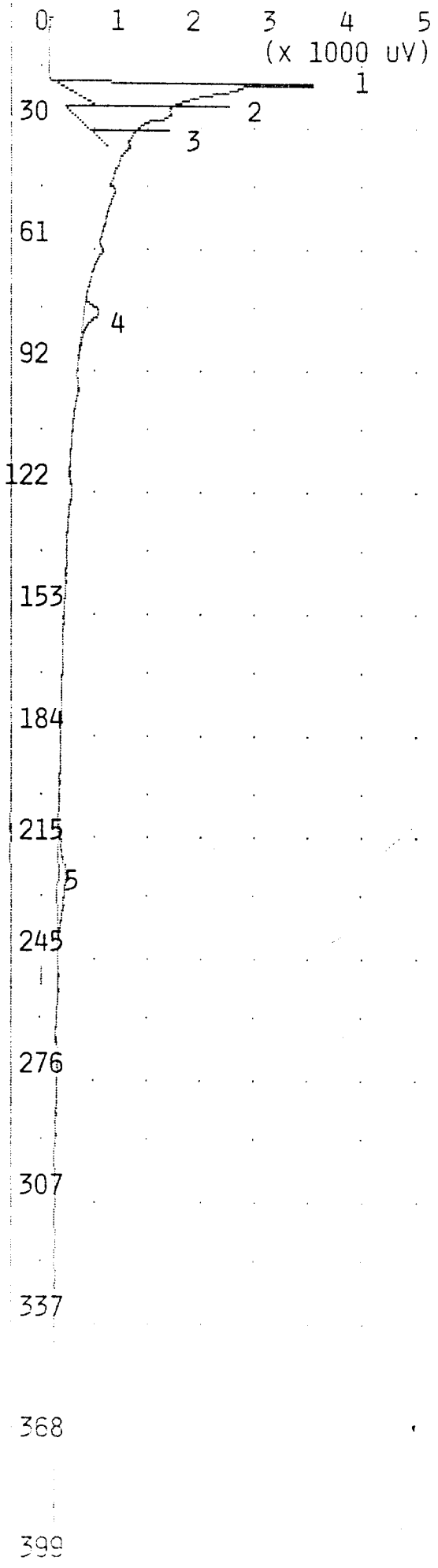
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	13.63 MVS	17.4
2	UNKNOWN	4.748 MVS	224.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A40-002BH 8.5-9.5

ANALYSIS #16 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 12:36
SAMPLE TIME: NOV 18,94 12:29

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

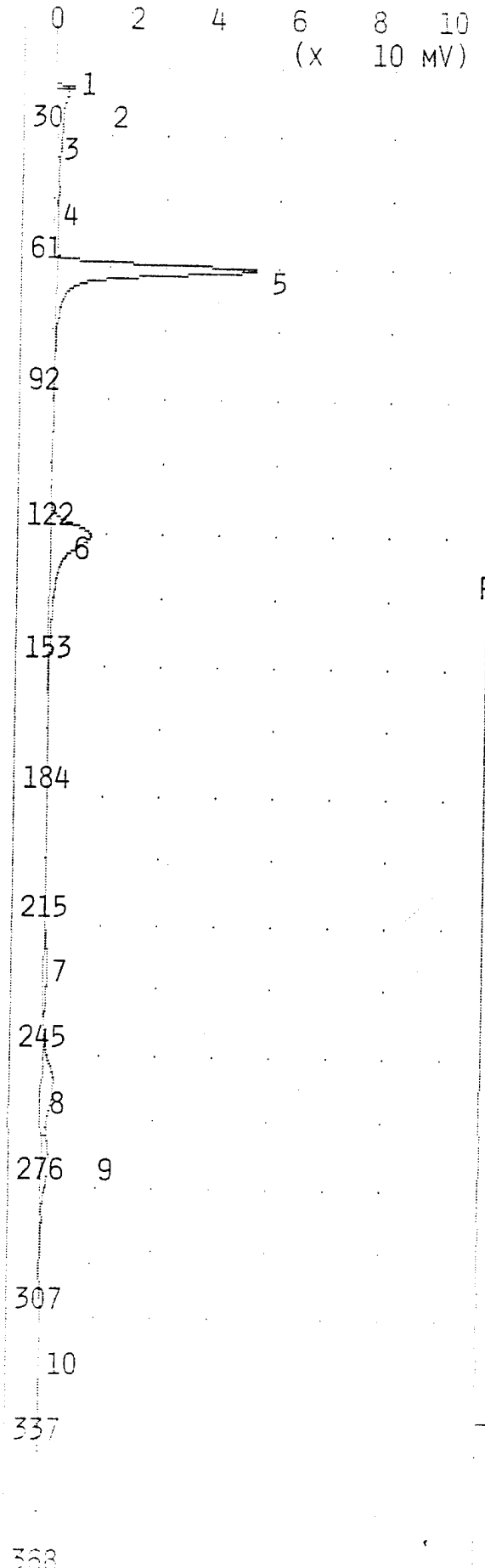
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.041 MVS	17.4
2	UNKNOWN	9.462 MVS	18.9
3	UNKNOWN	4.094 MVS	24.9
4	UNKNOWN	0.867 MVS	75.4
5	UNKNOWN	1.483 MVS	224.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A40-003BH 4.0-5.0

ANALYSIS #17 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 12:46
SAMPLE TIME: NOV 18,94 12:39

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

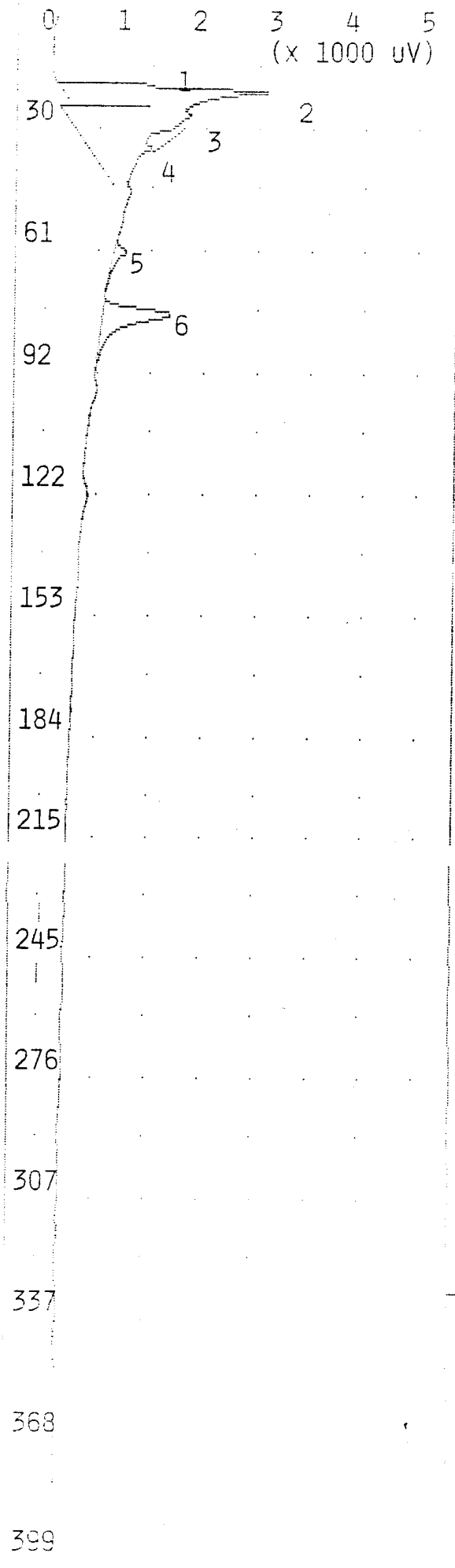
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.523	MVS	17.3
2	UNKNOWN	28.05	MVS	19.0
3	UNKNOWN	0.913	MVS	25.0
4	UNKNOWN	0.024	MVS	44.0
5	BENZENE	99.40	PPB	59.8
6	TOLUENE	106.9	PPB	121.3
7	UNKNOWN	11.00	MVS	223.4
8	ETHYLBENZENE	103.8	PPB	251.2
9	MP-XYLENE	207.6	PPB	269.6
10	O-XYLENE	94.91	PPB	314.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #18 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 12:57
SAMPLE TIME: Nov 18,94 12:50

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

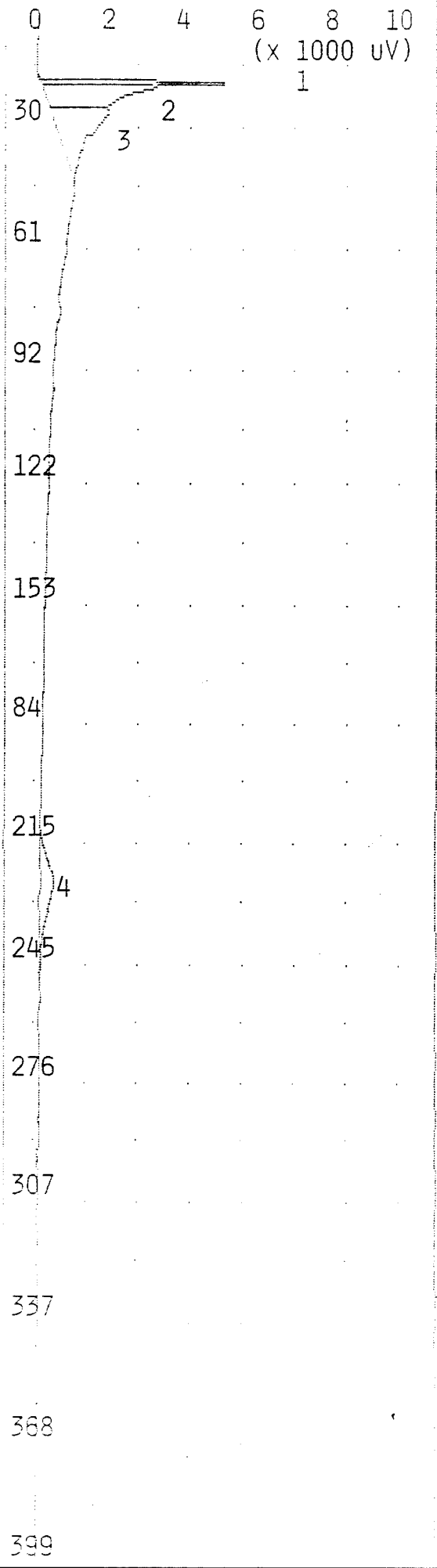
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.381 MVS	17.6
2	UNKNOWN	23.31 MVS	19.0
3	UNKNOWN	0.833 MVS	25.0
4	UNKNOWN	0.129 MVS	33.6
5	BENZENE	0.322 PPB	59.9
6	UNKNOWN	4.260 MVS	75.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
AIR BLANK

ANALYSIS #19 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 13:07
SAMPLE TIME: Nov 18,94 13:00

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

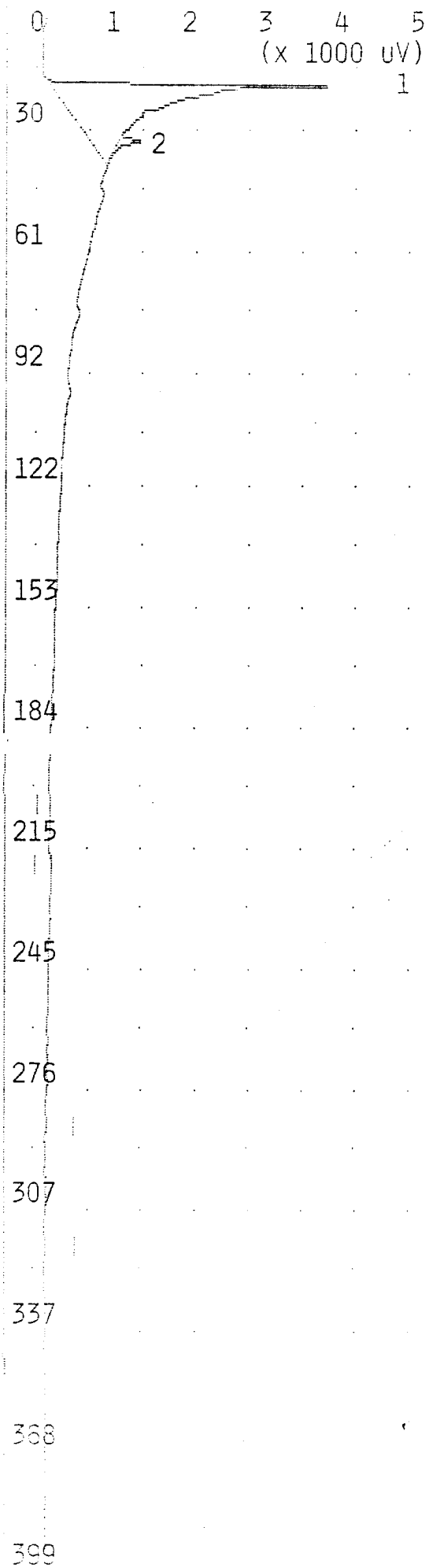
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.825 MVS	17.1
2	UNKNOWN	12.50 MVS	18.7
3	UNKNOWN	13.00 MVS	25.1
4	UNKNOWN	5.461 MVS	223.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
TS-003BH 4.5-5.5

ANALYSIS #20 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 13:30
SAMPLE TIME: Nov 18,94 13:23

METHOD

SLOPE UP	0.500	mV/SEC
SLOPE DOWN	1.500	mV/SEC
MIN AREA	0.000	mVSEC
MIN HEIGHT	0.000	mV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

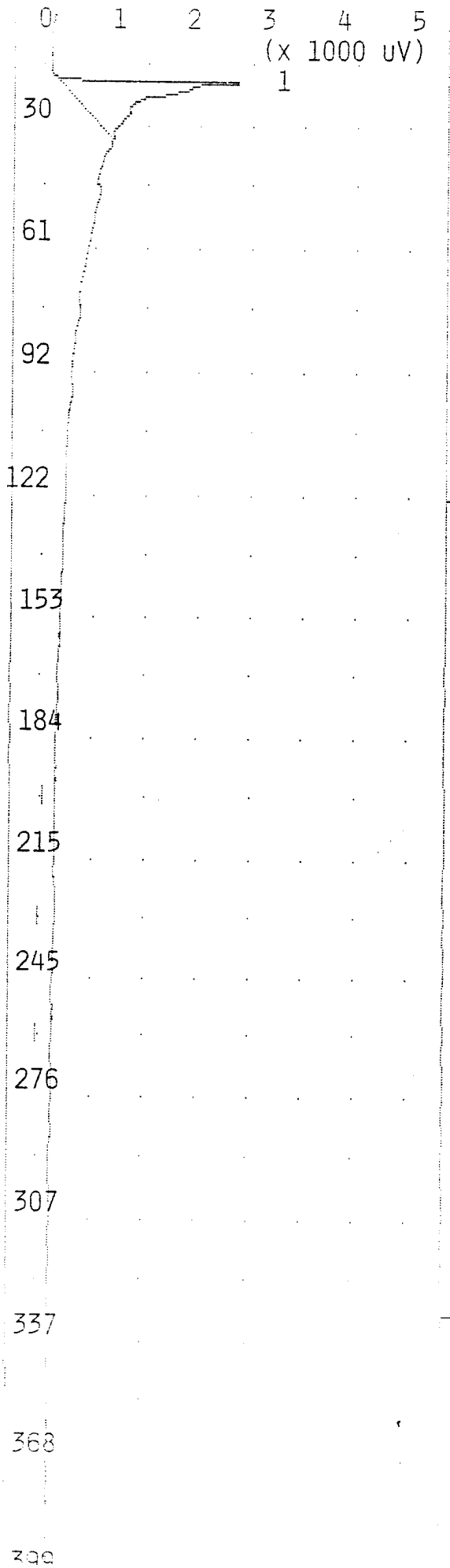
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	20.33 mVS	17.3
2	UNKNOWN	0.456 mVS	31.5

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-001PZ 10ML WATER

ANALYSIS #21 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 13:40
SAMPLE TIME: NOV 18,94 13:33

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

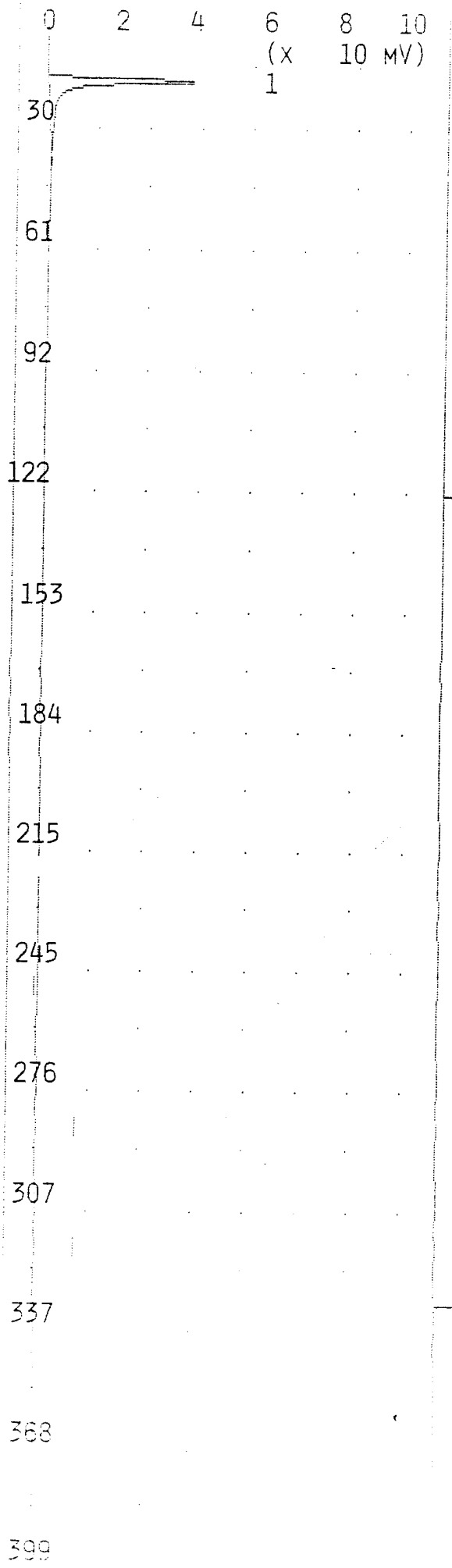
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	11.72 MVS	17.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-002PZ 10ML WATER

ANALYSIS #22 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 14:35
SAMPLE TIME: Nov 18,94 14:28

METHOD

SLOPE UP	0.500	mV/SEC
SLOPE DOWN	1.500	mV/SEC
MIN AREA	0.000	mVSEC
MIN HEIGHT	0.000	mV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

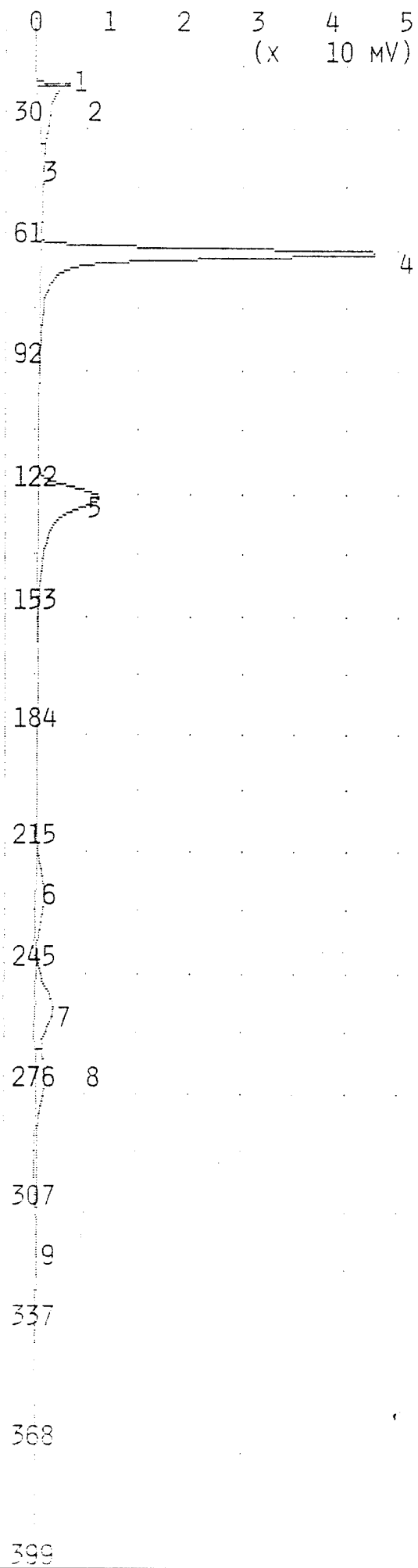
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	98.06 mVS	16.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-004PZ 10ML WATER

ANALYSIS #23 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 14:50
SAMPLE TIME: NOV 18,94 14:43

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

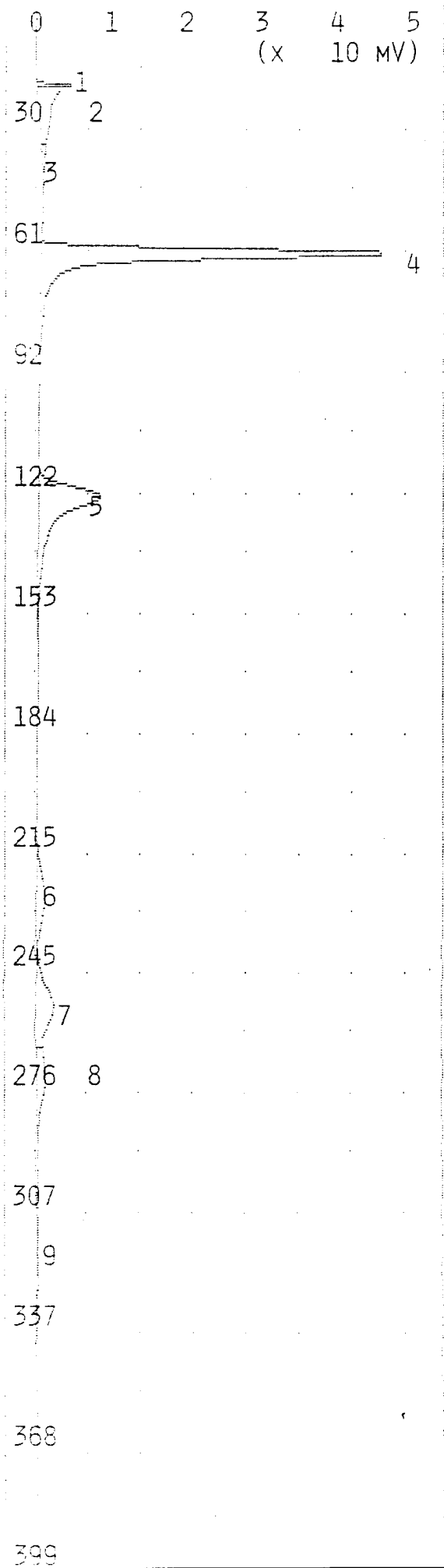
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.246	MVS	17.4
2	UNKNOWN	22.92	MVS	18.9
3	UNKNOWN	3.174	MVS	33.6
4	BENZENE	90.75	PPB	60.0
5	TOLUENE	92.88	PPB	121.7
6	UNKNOWN	15.97	MVS	223.8
7	ETHYLBENZENE	82.88	PPB	252.2
8	MP-XYLENE	152.8	PPB	270.6
9	O-XYLENE	77.79	PPB	316.5

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #23 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 14:55
SAMPLE TIME: NOV 18,94 14:43

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

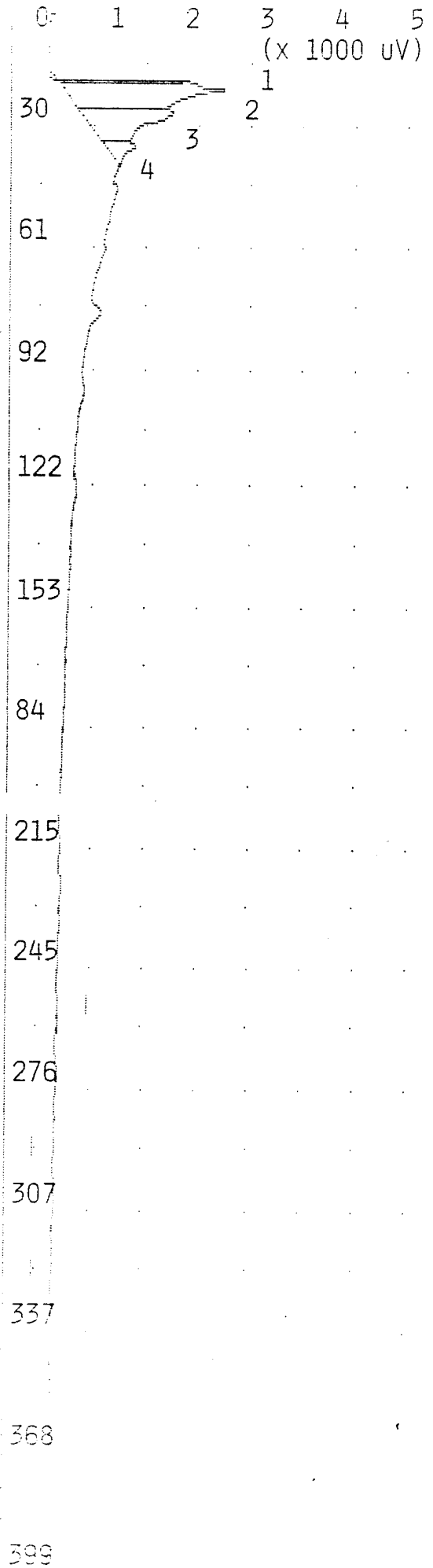
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.246	MVS	17.4
2	UNKNOWN	22.92	MVS	18.9
3	UNKNOWN	3.174	MVS	33.6
4	BENZENE	100.0	PPB	60.0
5	TOLUENE	100.0	PPB	121.7
6	UNKNOWN	15.97	MVS	223.8
7	ETHYLBENZENE	100.0	PPB	252.2
8	MP-XYLENE	200.0	PPB	270.6
9	O-XYLENE	100.0	PPB	316.5

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #24 10S+ GC FUNCTION ANALYSIS REPORT



LH

TIME PRINTED: Nov 18,94 15:05
SAMPLE TIME: Nov 18,94 14:58

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

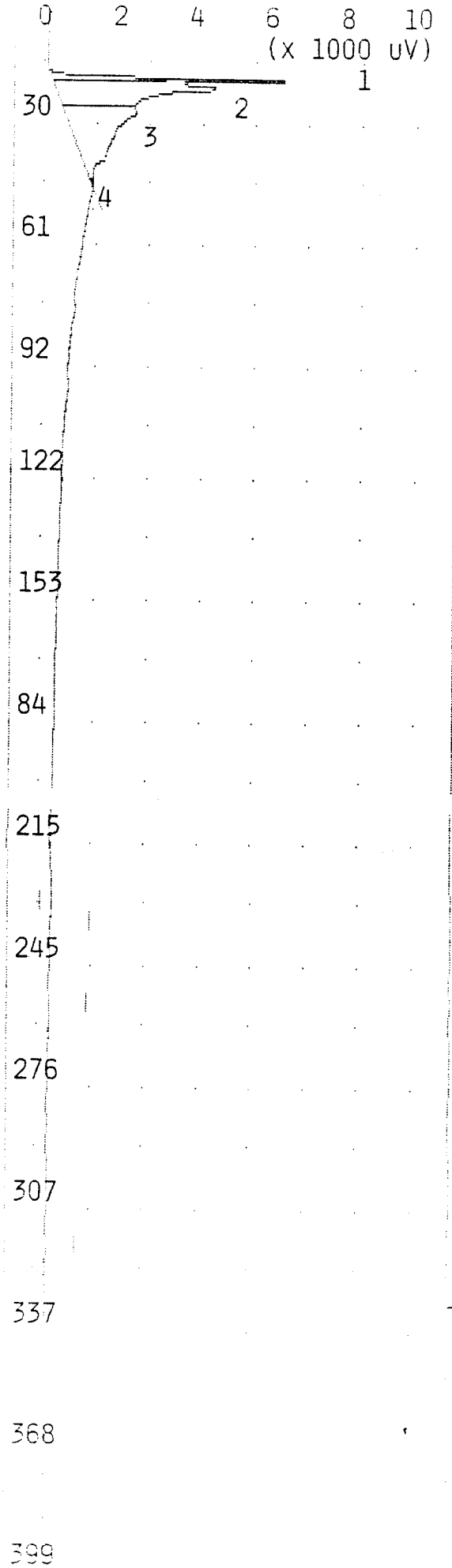
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.352 MVS	17.5
2	UNKNOWN	9.671 MVS	19.1
3	UNKNOWN	6.982 MVS	25.2
4	UNKNOWN	1.270 MVS	34.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
AIR BLANK

ANALYSIS #25 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 16:32
SAMPLE TIME: Nov 18,94 16:25

METHOD

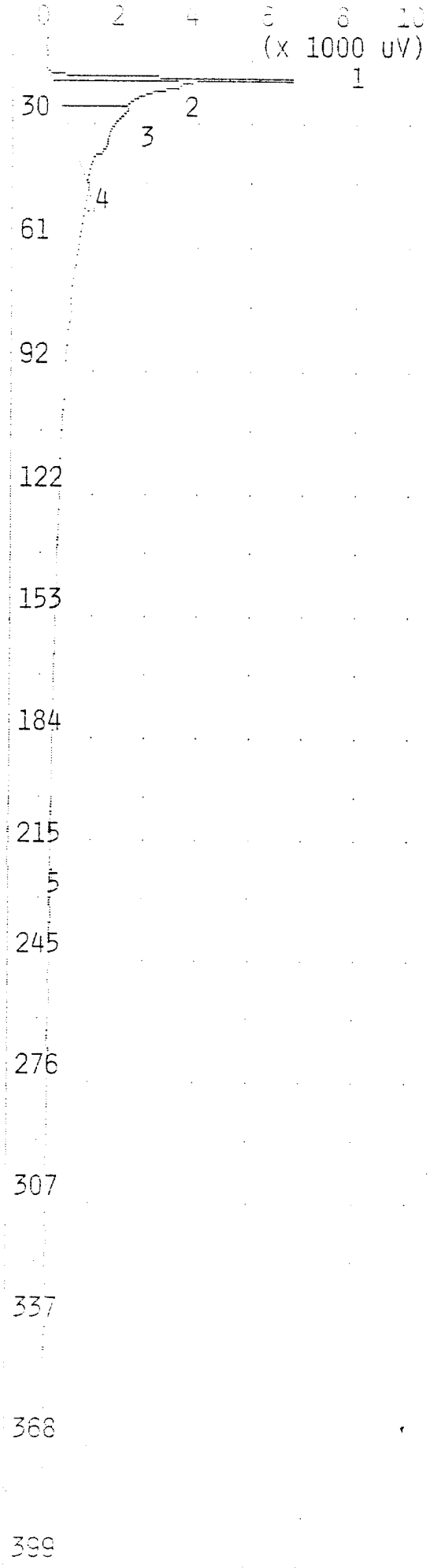
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.763 MVS	17.3
2	UNKNOWN	17.83 MVS	19.8
3	UNKNOWN	17.78 MVS	26.1
4	UNKNOWN	0.117 MVS	43.9

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-003PZ 10ML WATER



TIME PRINTED: Nov 18,94 17:12
SAMPLE TIME: Nov 18,94 17:05

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

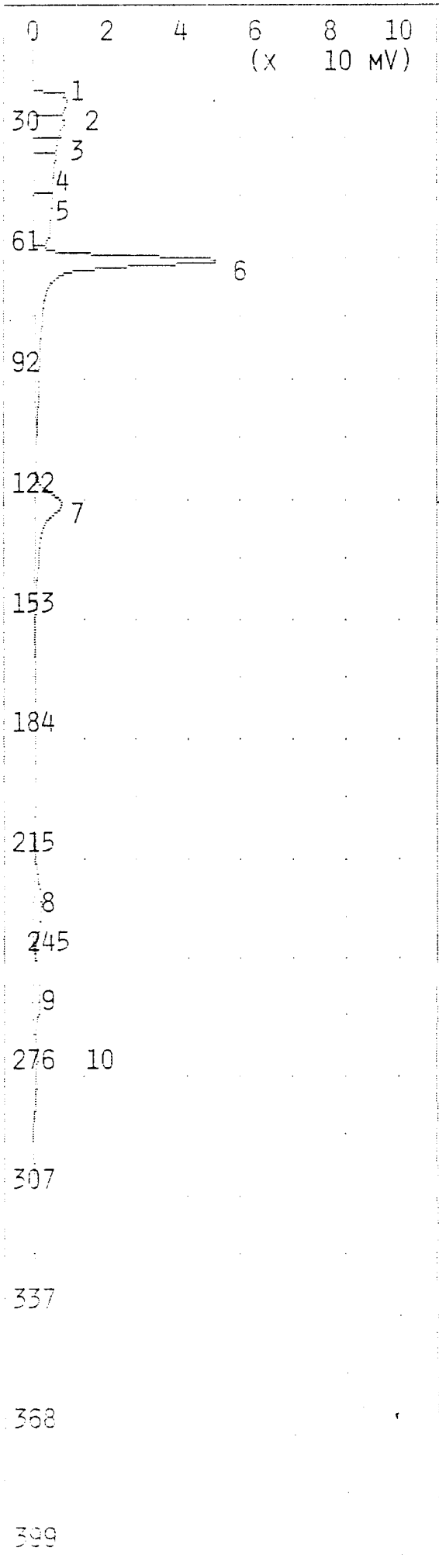
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.853 MVS	17.2
2	UNKNOWN	15.13 MVS	18.9
3	UNKNOWN	16.37 MVS	25.1
4	UNKNOWN	0.138 MVS	44.3
5	UNKNOWN	0.590 MVS	225.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-005PZ 10ML WATER

ANALYSIS #27 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 17:23
SAMPLE TIME: NOV 18,94 17:16

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

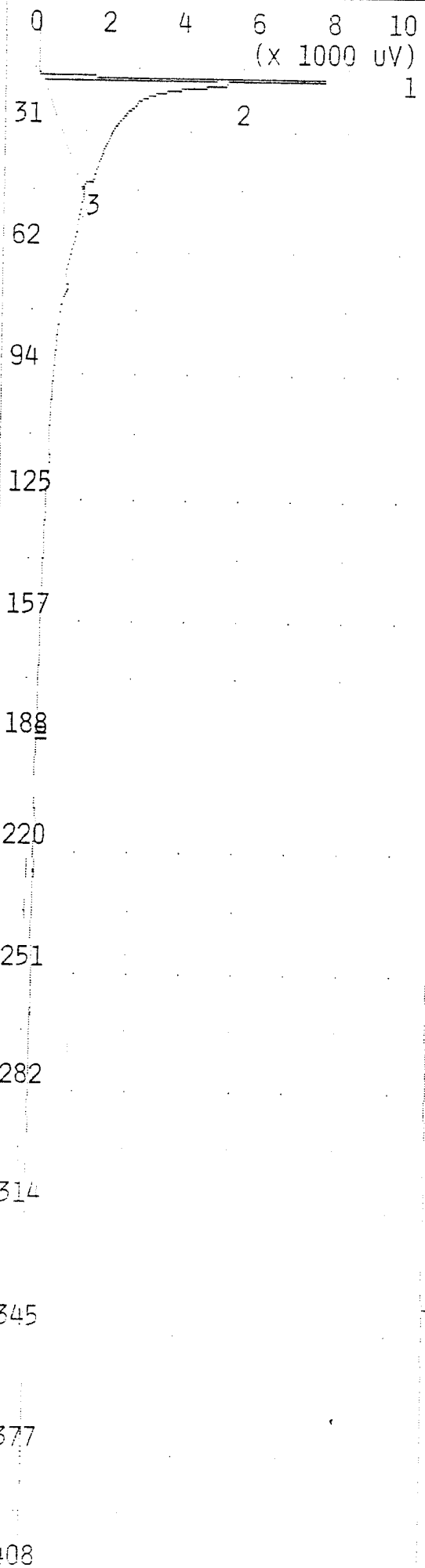
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	9.998	MVS	17.4
2	UNKNOWN	49.86	MVS	19.1
3	UNKNOWN	65.28	MVS	24.8
4	UNKNOWN	58.17	MVS	33.7
5	UNKNOWN	62.29	MVS	44.0
6	BENZENE	149.7	PPB	60.1
7	TOLUENE	101.3	PPB	121.8
8	UNKNOWN	26.73	MVS	224.2
9	ETHYLBENZENE	69.08	PPB	252.8
10	MP-XYLENE	115.7	PPB	270.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #13 10S+ GC FUNCTION ANALYSIS REPORT



LH

TIME PRINTED: Nov 11,94 11:35
SAMPLE TIME: Nov 11,94 11:28

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

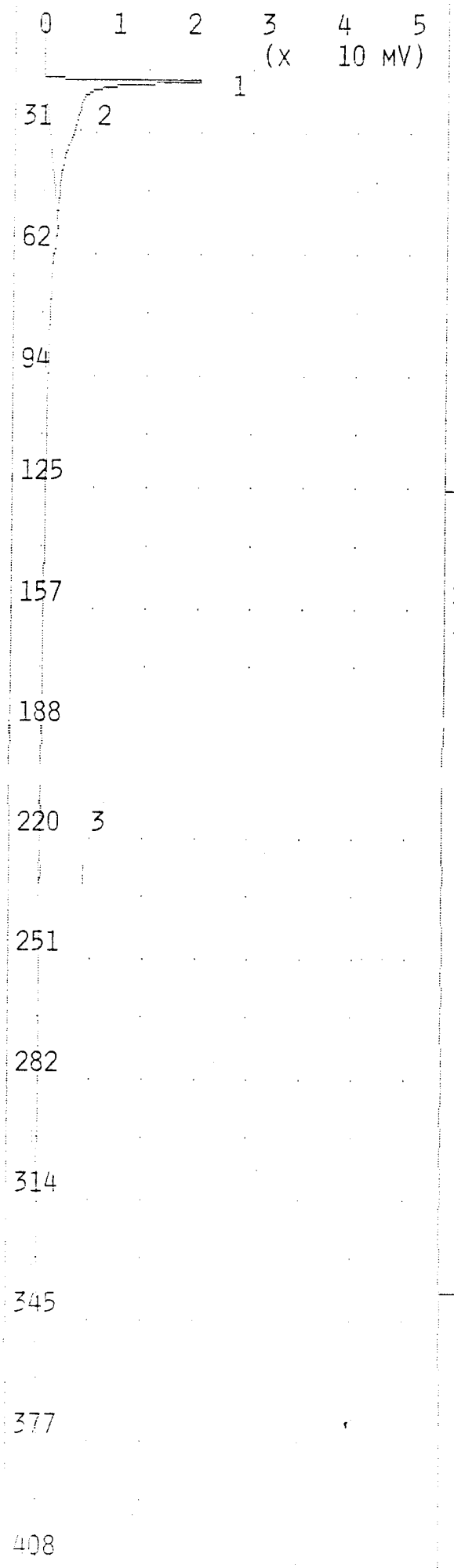
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.090 MVS	15.8
2	UNKNOWN	44.20 MVS	17.1
3	UNKNOWN	0.162 MVS	44.9

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A24-002BH 4.5- 6.0

ANALYSIS #14 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 11:45
SAMPLE TIME: NOV 11,94 11:38

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

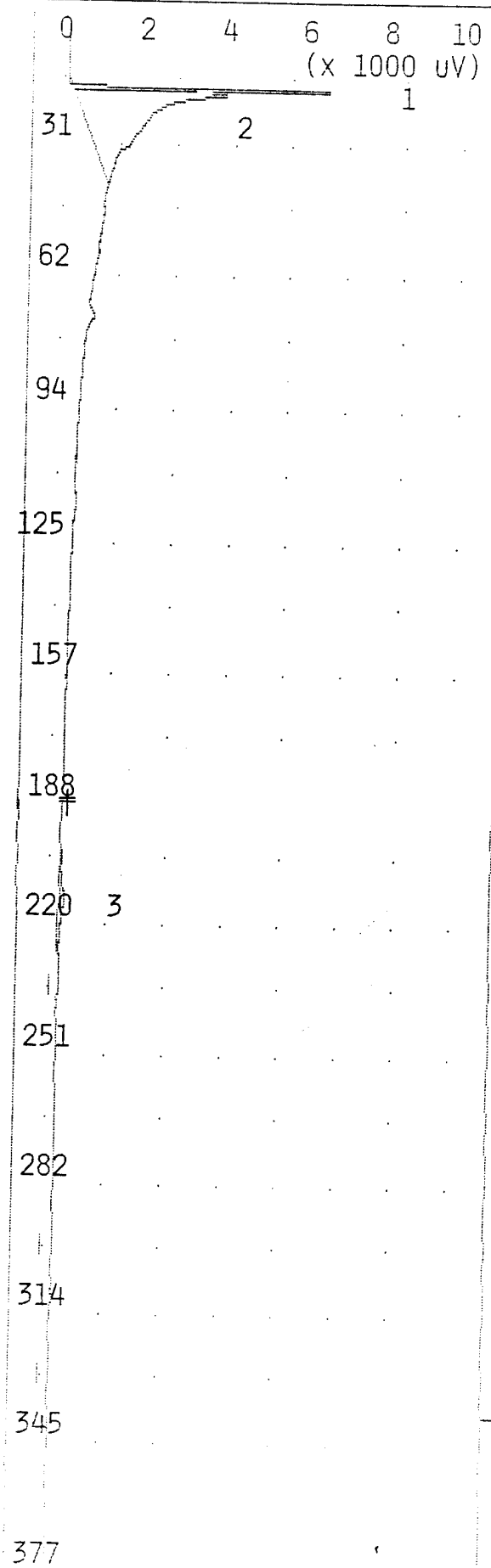
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	118.1	MVS	15.9
2	UNKNOWN	0.144	MVS	22.5
3	ETHYLBENZENE	3.403	PPB	214.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A24-002BH 8.5-10.0

ANALYSIS #15 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 12:03
SAMPLE TIME: Nov 11,94 11:56

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

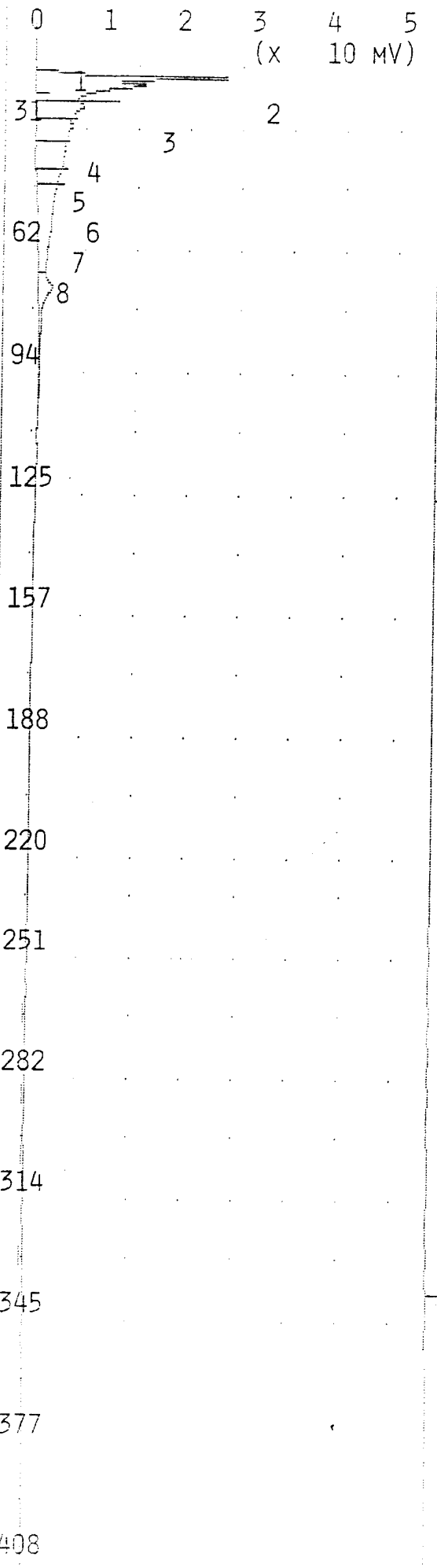
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.003 MVS	15.7
2	UNKNOWN	26.90 MVS	17.2
3	UNKNOWN	1.088 MVS	210.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A24-002BH 13.5-15.0

ANALYSIS #16 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 12:14
SAMPLE TIME: Nov 11,94 12:06

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

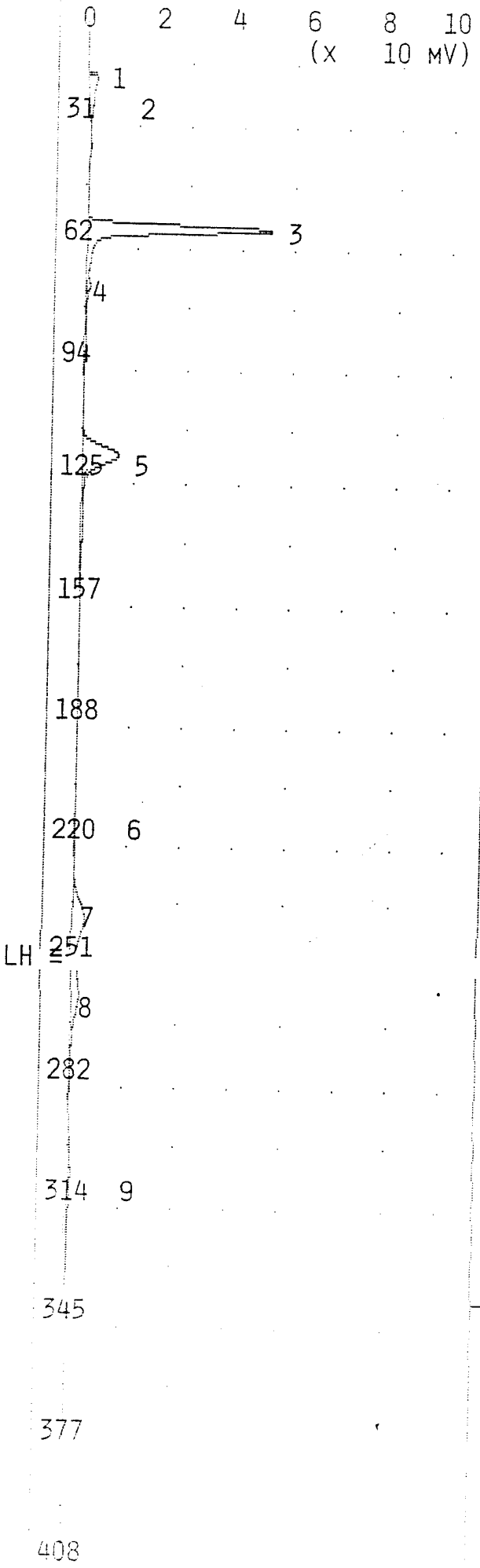
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.365 MVS	14.8
2	UNKNOWN	36.42 MVS	15.8
3	UNKNOWN	43.79 MVS	18.1
4	UNKNOWN	33.12 MVS	23.6
5	UNKNOWN	10.70 MVS	28.8
6	UNKNOWN	16.17 MVS	30.6
7	UNKNOWN	74.40 MVS	34.9
8	UNKNOWN	16.60 MVS	70.5

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A24-002BH 18.5-19.5

ANALYSIS #17 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 12:24
SAMPLE TIME: Nov 11,94 12:17

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

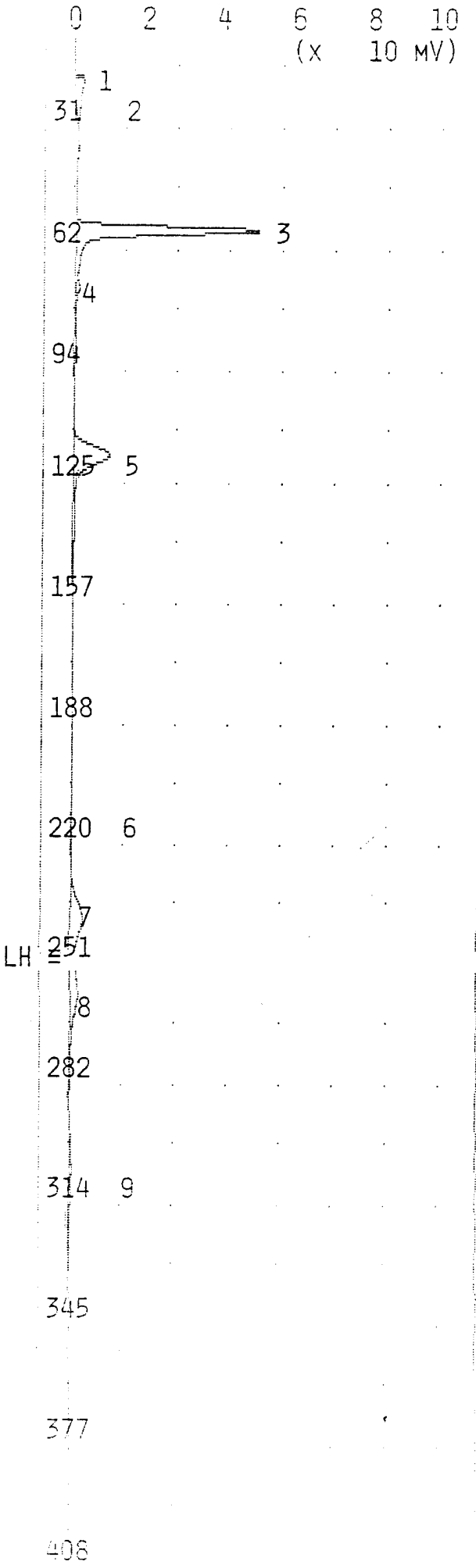
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	2.569	MVS	15.9
2	UNKNOWN	17.77	MVS	17.4
3	BENZENE	92.97	PPB	55.7
4	UNKNOWN	1.709	MVS	70.5
5	TOLUENE	78.63	PPB	114.0
6	UNKNOWN	1.755	MVS	210.8
7	ETHYLBENZENE	61.33	PPB	237.4
8	MP-XYLENE	112.6	PPB	256.0
9	O-XYLENE	50.87	PPB	303.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #17 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 12:28
SAMPLE TIME: Nov 11,94 12:17

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

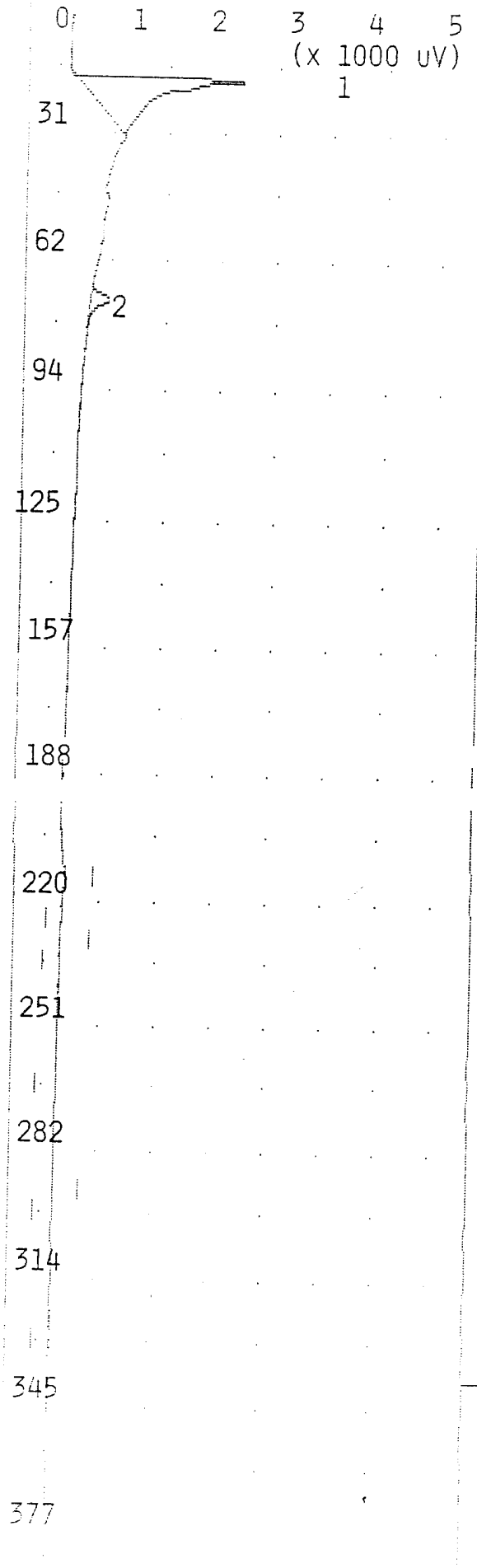
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	2.569	MVS	15.9
2	UNKNOWN	17.77	MVS	17.4
3	BENZENE	100.0	PPB	55.7
4	UNKNOWN	1.709	MVS	70.5
5	TOLUENE	100.0	PPB	114.0
6	UNKNOWN	1.755	MVS	210.8
7	ETHYLBENZENE	100.0	PPB	237.4
8	MP-XYLENE	200.0	PPB	256.0
9	O-XYLENE	99.99	PPB	303.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #18 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 12:39
SAMPLE TIME: Nov 11,94 12:32

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

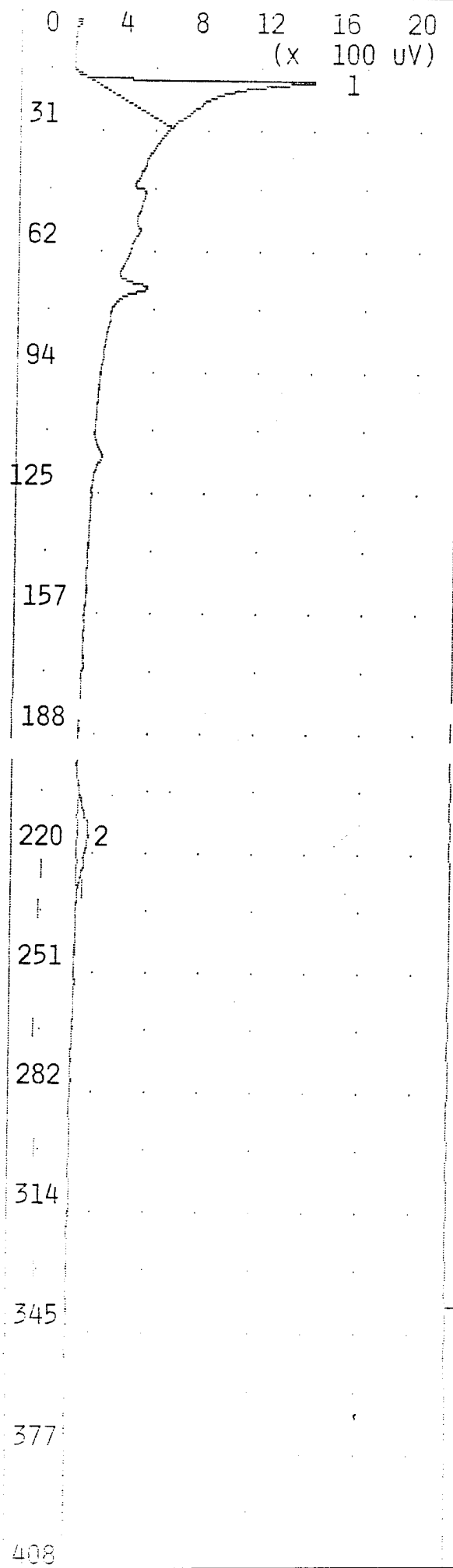
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	10.61 MVS	16.0
2	UNKNOWN	0.810 MVS	70.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
~~100 PPB BTEX~~ B
AIR BLANK

ANALYSIS #19 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 12:50
SAMPLE TIME: Nov 11,94 12:42

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

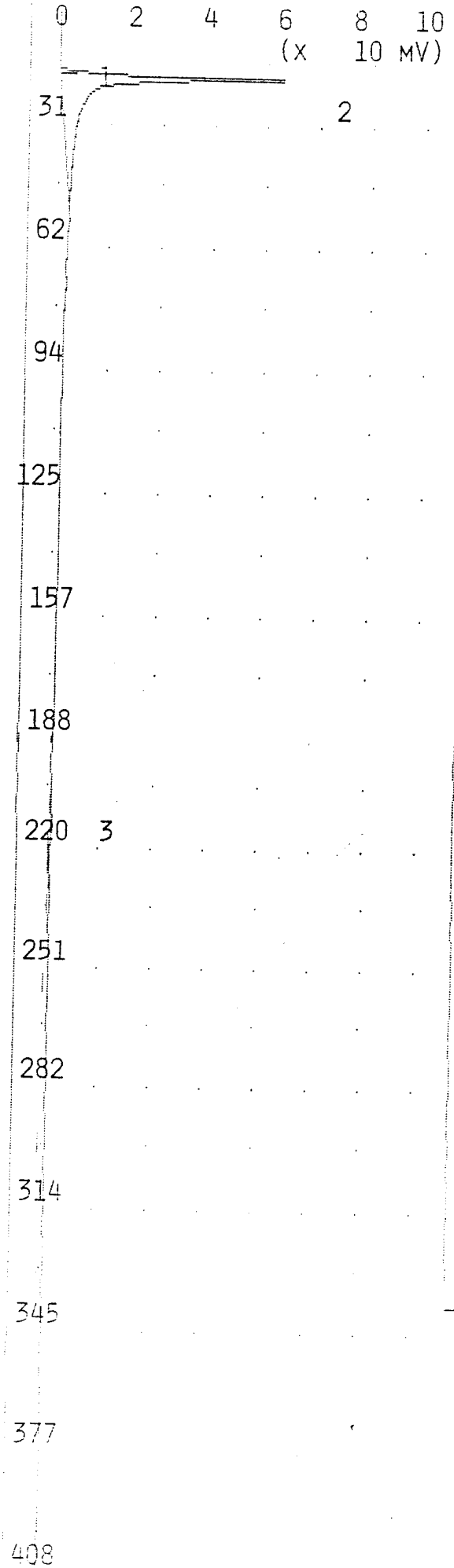
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.845 MVS	16.4
2	ETHYLBENZENE	2.008 PPB	213.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A24-003BH 1.0- 2.5

ANALYSIS #20 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 13:01
SAMPLE TIME: Nov 11,94 12:54

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

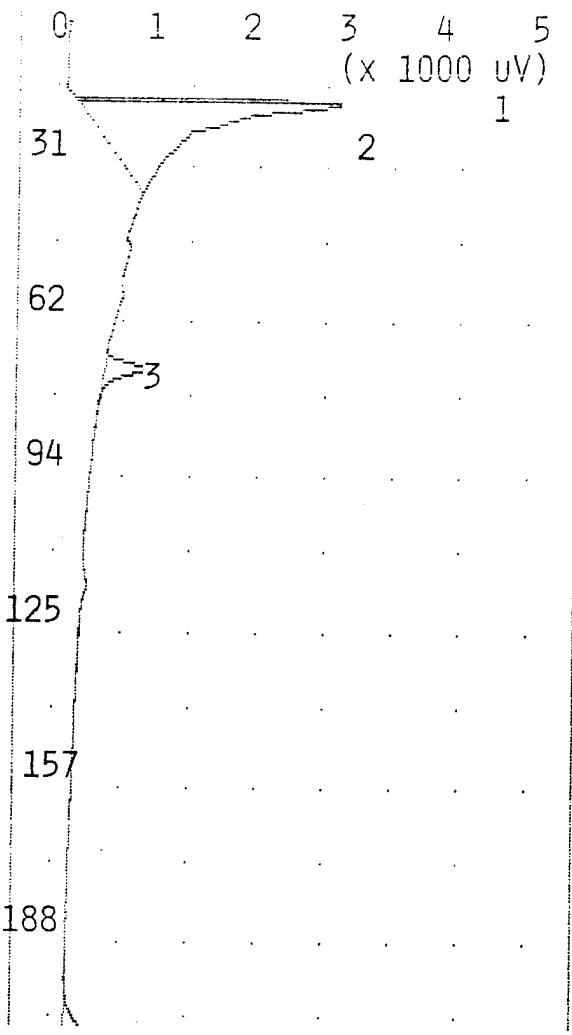
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.887 MVS	15.7
2	UNKNOWN	194.8 MVS	17.2
3	UNKNOWN	1.539 MVS	210.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A24-003BH 4.5- 6.0

ANALYSIS #21 10S+ GC FUNCTION ANALYSIS REPORT



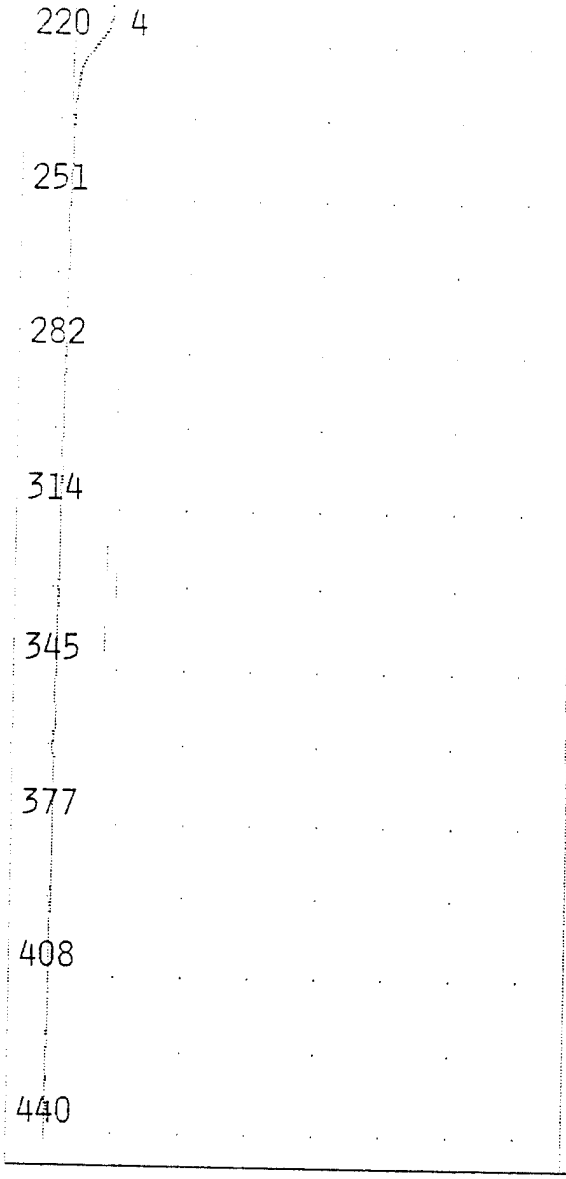
TIME PRINTED: Nov 11,94 13:11
SAMPLE TIME: Nov 11,94 13:04

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

PEAK REPORT

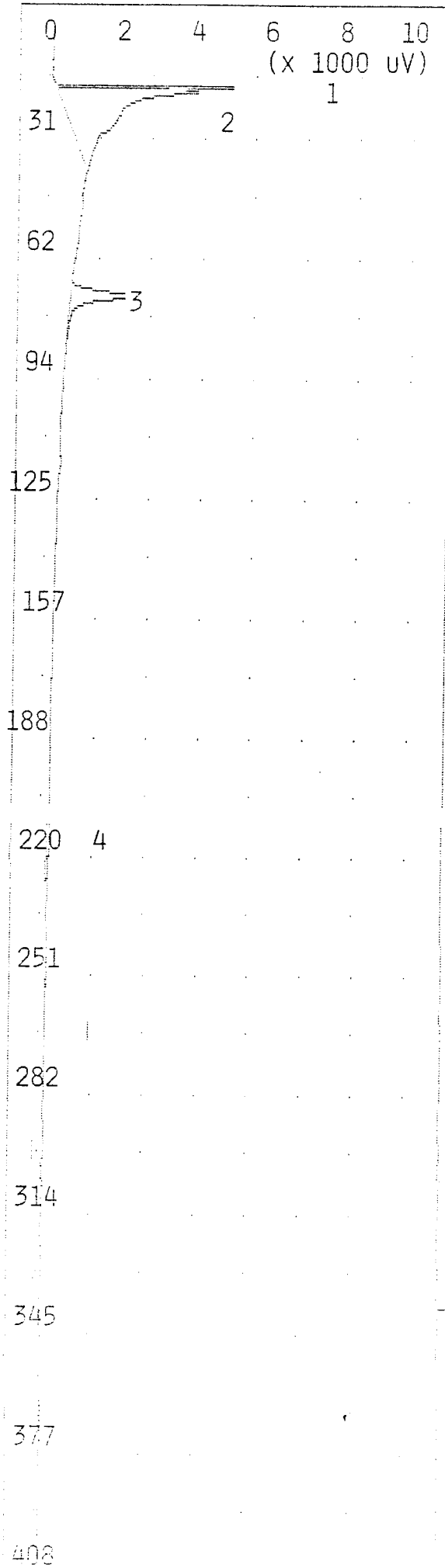
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.166 MVS	16.0
2	UNKNOWN	15.33 MVS	17.2
3	UNKNOWN	1.283 MVS	70.6
4	UNKNOWN	6.067 MVS	211.6



NOTES

JOE BYRD, JR.
COOS BAY ANGS
A24-003BH 8.5-10.0

ANALYSIS #22 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 13:22
SAMPLE TIME: Nov 11,94 13:15

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

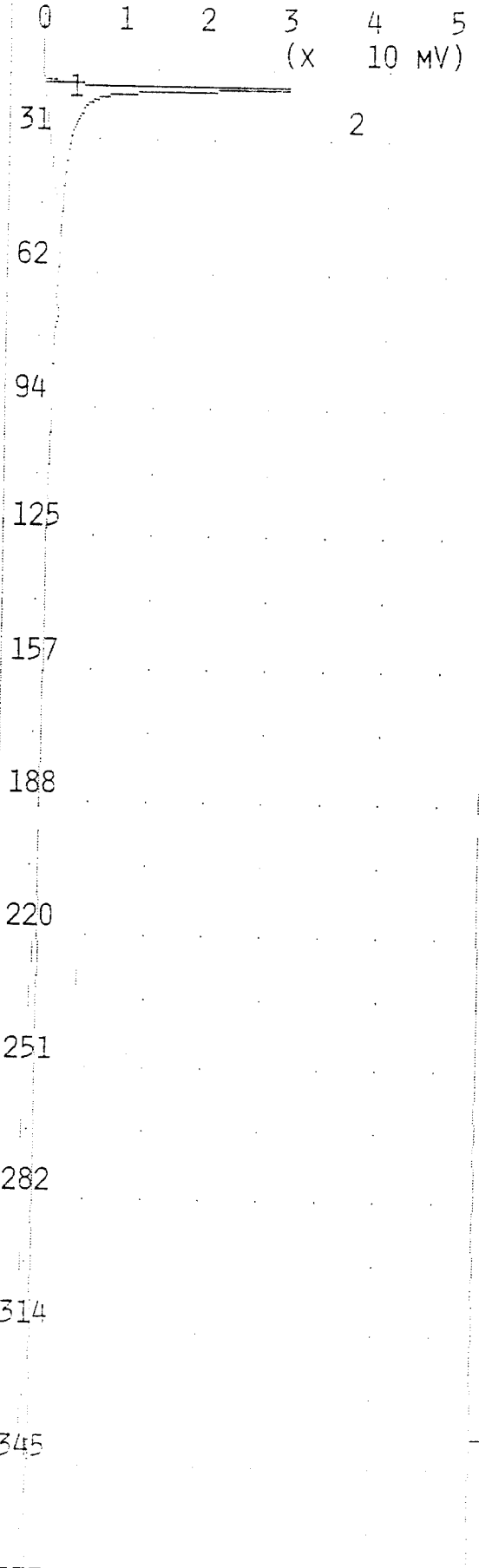
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.906 MVS	15.9
2	UNKNOWN	24.18 MVS	17.3
3	UNKNOWN	5.009 MVS	70.5
4	UNKNOWN	0.727 MVS	210.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A24-003BH 13.5-15.0

ANALYSIS #23 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 13:32
SAMPLE TIME: Nov 11,94 13:25

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

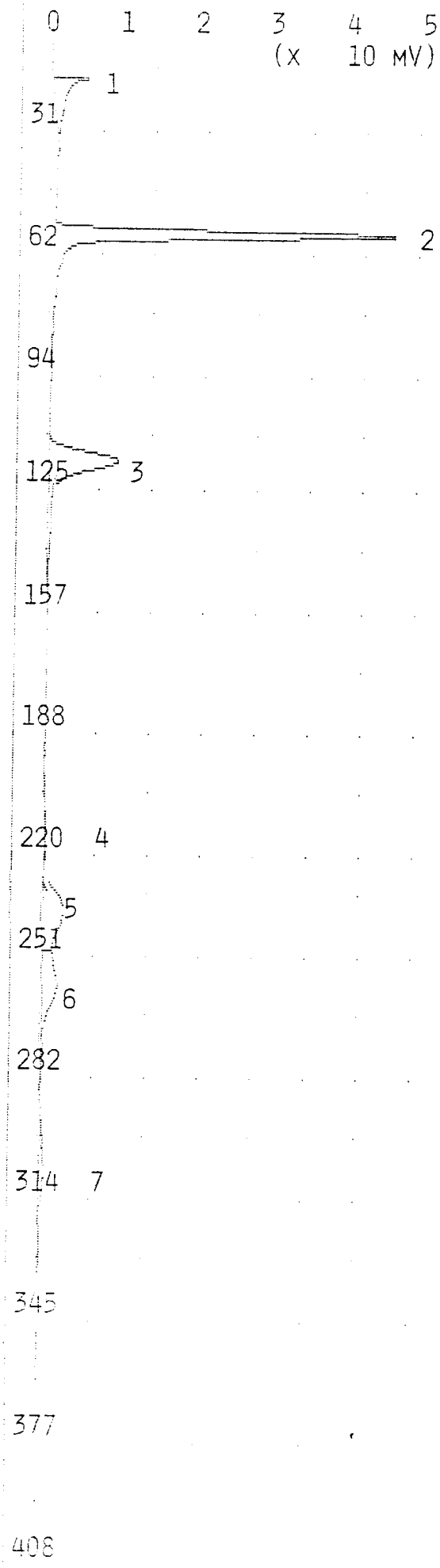
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.805 MVS	16.1
2	UNKNOWN	115.9 MVS	17.3

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A24-003BH 18.5-20.0

ANALYSIS #24 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 13:53
SAMPLE TIME: NOV 11,94 13:46

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

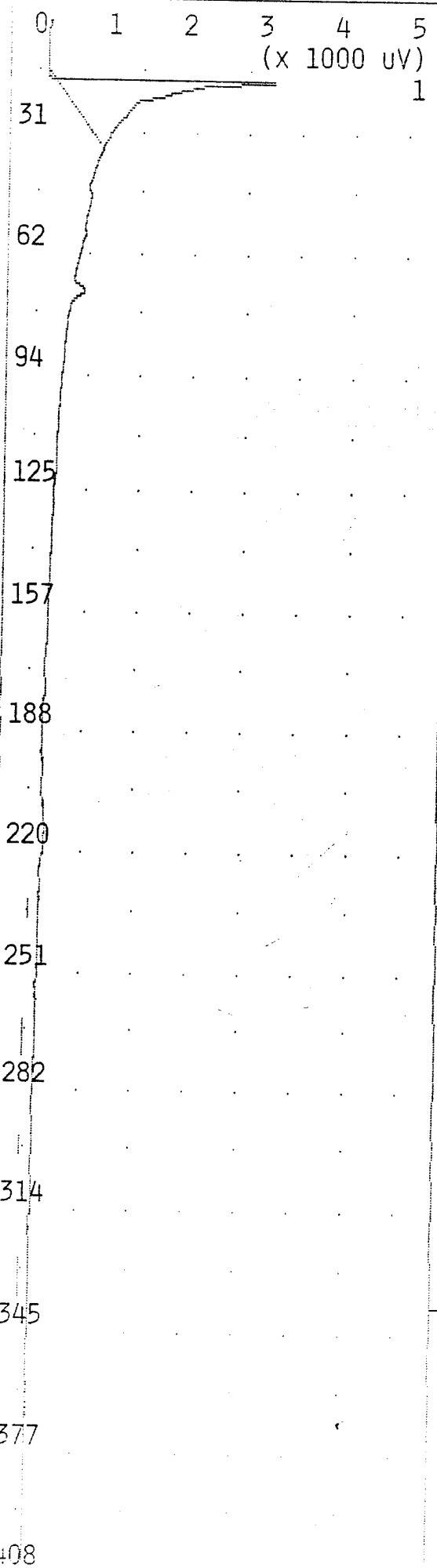
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	22.89	MVS	15.8
2	BENZENE	88.66	PPB	55.8
3	TOLUENE	93.95	PPB	113.8
4	UNKNOWN	3.275	MVS	211.0
5	ETHYLBENZENE	98.13	PPB	237.4
6	MP-XYLENE	199.4	PPB	256.0
7	O-XYLENE	103.6	PPB	302.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
~~A24 003BH 18.5 20.0~~
100 PPB BTEX J3

ANALYSIS #25 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 14:03
SAMPLE TIME: NOV 11,94 13:56

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

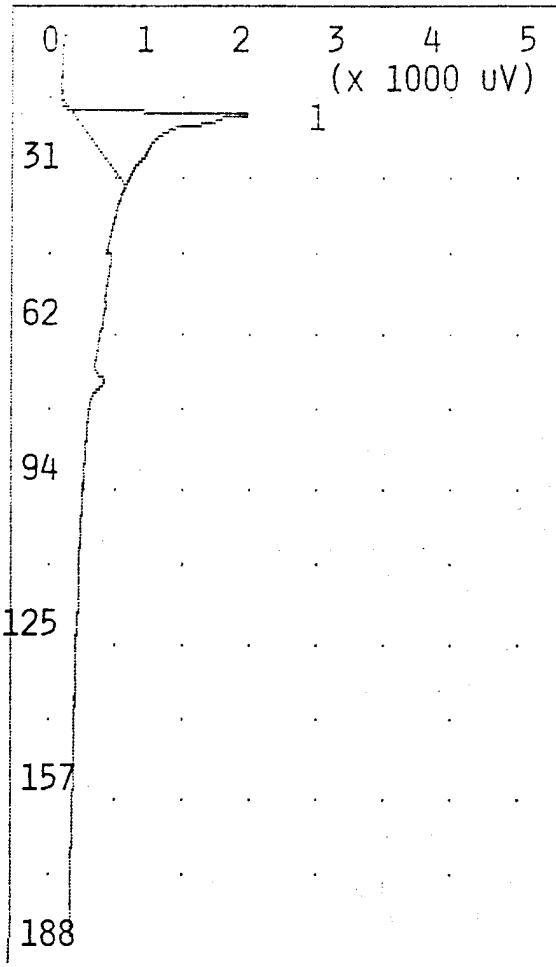
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	15.54 MVS	15.9

NOTES

JOE BYRD, JR.
COOS BAY ANGS
AIR BLANK

ANALYSIS #26 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 14:16
SAMPLE TIME: Nov 11,94 14:09

METHOD

SLOPE UP	0.500	mV/SEC
SLOPE DOWN	1.500	mV/SEC
MIN AREA	0.000	mVSEC
MIN HEIGHT	0.000	mV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

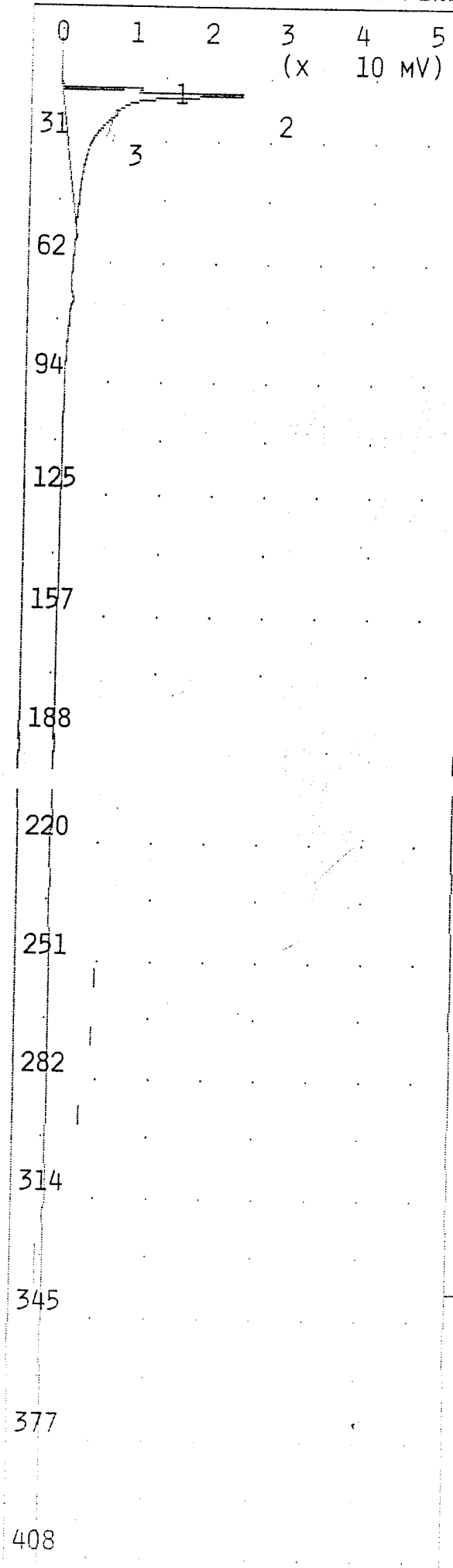
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.957 mVS	16.2
2	UNKNOWN	1.793 mVS	192.2
3	UNKNOWN	1.532 mVS	211.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
SDB-002BH 1.0- 2.5

ANALYSIS #27 10S+ GC FUNCTION ANALYSIS REPORT



LH

TIME PRINTED: NOV 11,94 14:35
SAMPLE TIME: NOV 11,94 14:19

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

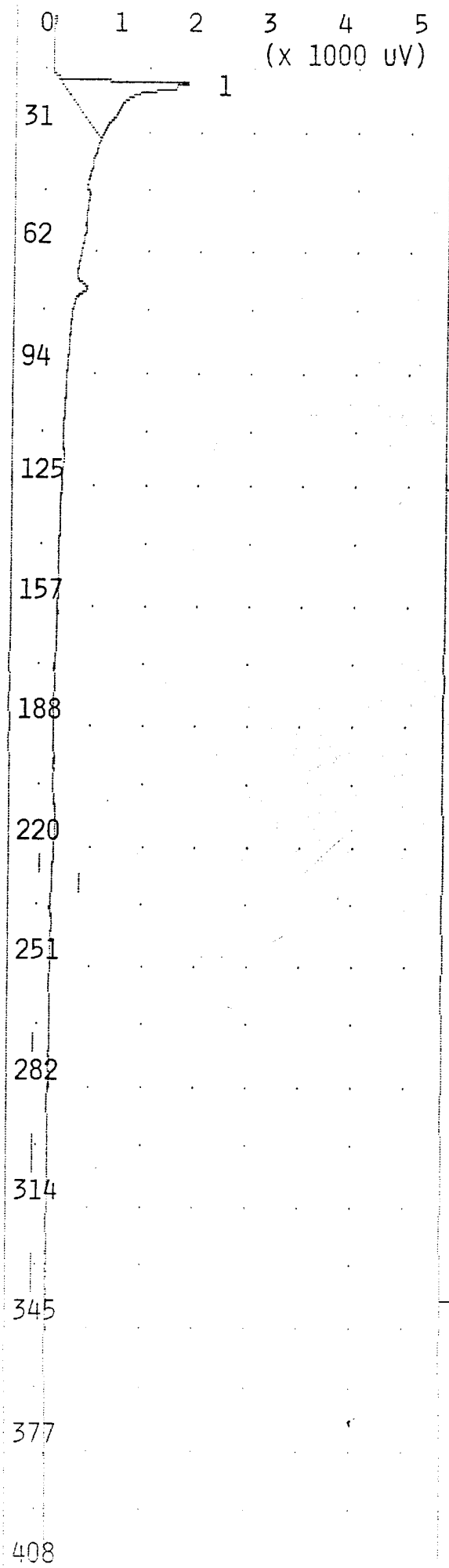
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	10.45 MVS	15.8
2	UNKNOWN	139.1 MVS	17.2
3	UNKNOWN	0.246 MVS	22.5

NOTES

JOE BYRD, JR.
COOS BAY ANGS
SDB-002BH 4.5- 6.0

ANALYSIS #28 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 14:46
SAMPLE TIME: Nov 11,94 14:39

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

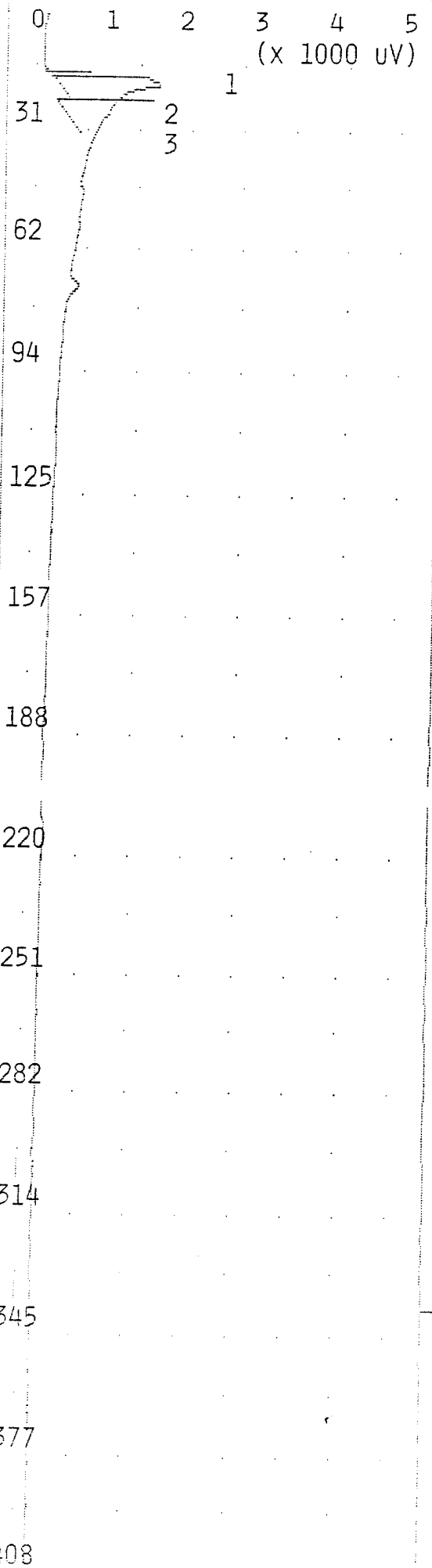
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.773 MVS	16.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
SDB-002BH 8.5-10.0

ANALYSIS #29 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 14:56
SAMPLE TIME: Nov 11,94 14:49

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

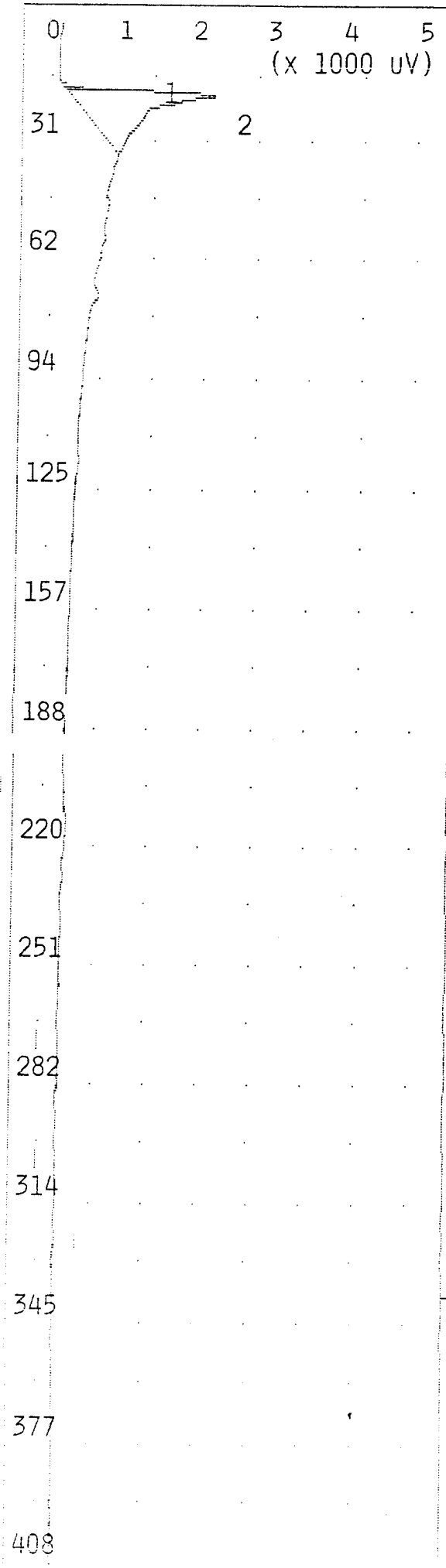
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.042 MVS	15.7
2	UNKNOWN	1.008 MVS	16.5
3	UNKNOWN	7.474 MVS	17.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
SDB-001BH 1.0- 2.5

ANALYSIS #30 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 15:06
SAMPLE TIME: Nov 11,94 14:59

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

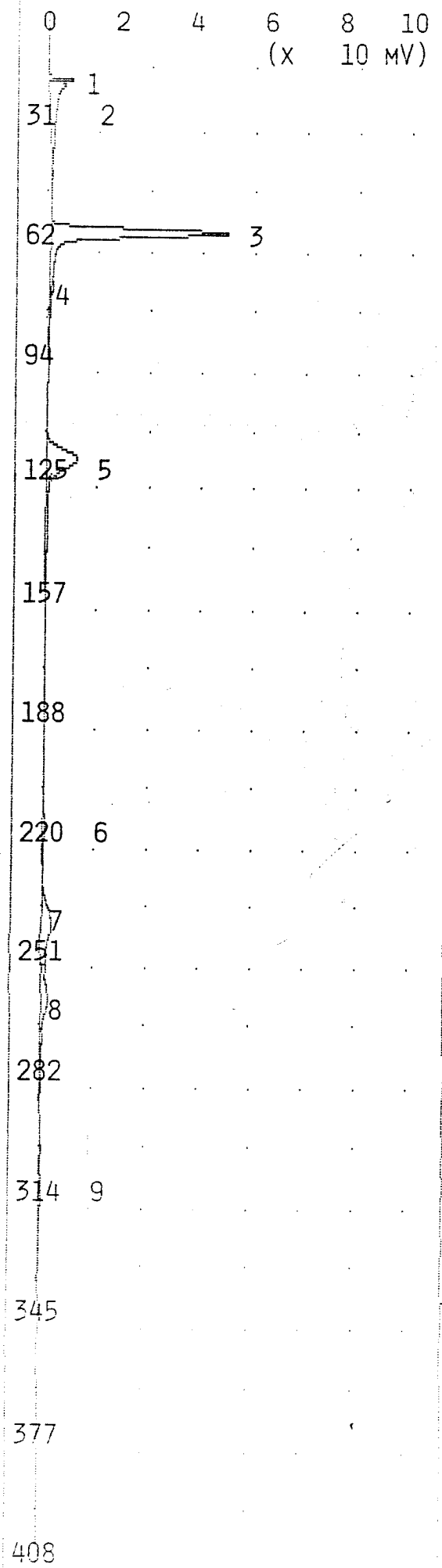
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.944 MVS	16.4
2	UNKNOWN	11.97 MVS	17.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
SDB-001BH 4.5- 6.0

ANALYSIS #31 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 15:16
SAMPLE TIME: Nov 11,94 15:09

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

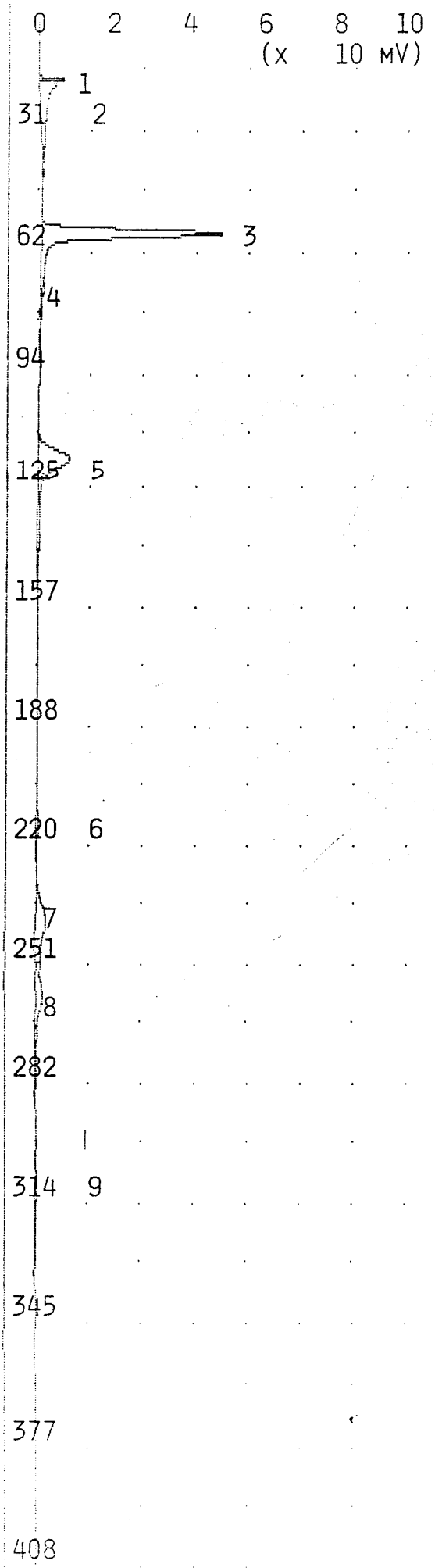
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	6.425	MVS	15.8
2	UNKNOWN	33.81	MVS	17.3
3	BENZENE	97.07	PPB	55.8
4	UNKNOWN	0.953	MVS	70.2
5	TOLUENE	88.08	PPB	114.1
6	UNKNOWN	3.674	MVS	211.8
7	ETHYLBENZENE	82.55	PPB	238.2
8	MP-XYLENE	158.9	PPB	256.2
9	O-XYLENE	90.06	PPB	304.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #31 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 15:20
SAMPLE TIME: NOV 11,94 15:09

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

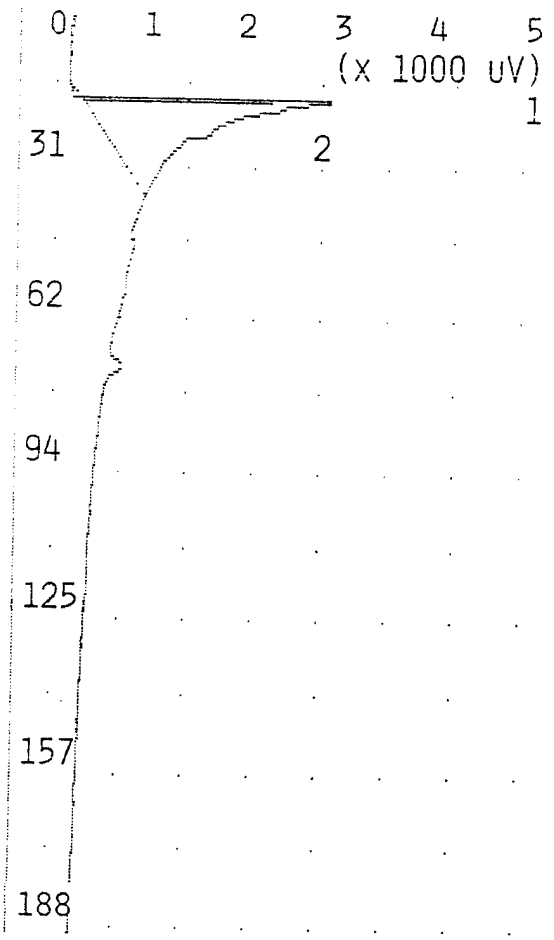
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	6.425	MVS	15.8
2	UNKNOWN	33.81	MVS	17.3
3	BENZENE	99.99	PPB	55.8
4	UNKNOWN	0.953	MVS	70.2
5	TOLUENE	100.0	PPB	114.1
6	UNKNOWN	3.674	MVS	211.8
7	ETHYLBENZENE	100.0	PPB	238.2
8	MP-XYLENE	200.0	PPB	256.2
9	O-XYLENE	100.0	PPB	304.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #32 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 15:30
SAMPLE TIME: Nov 11,94 15:23

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

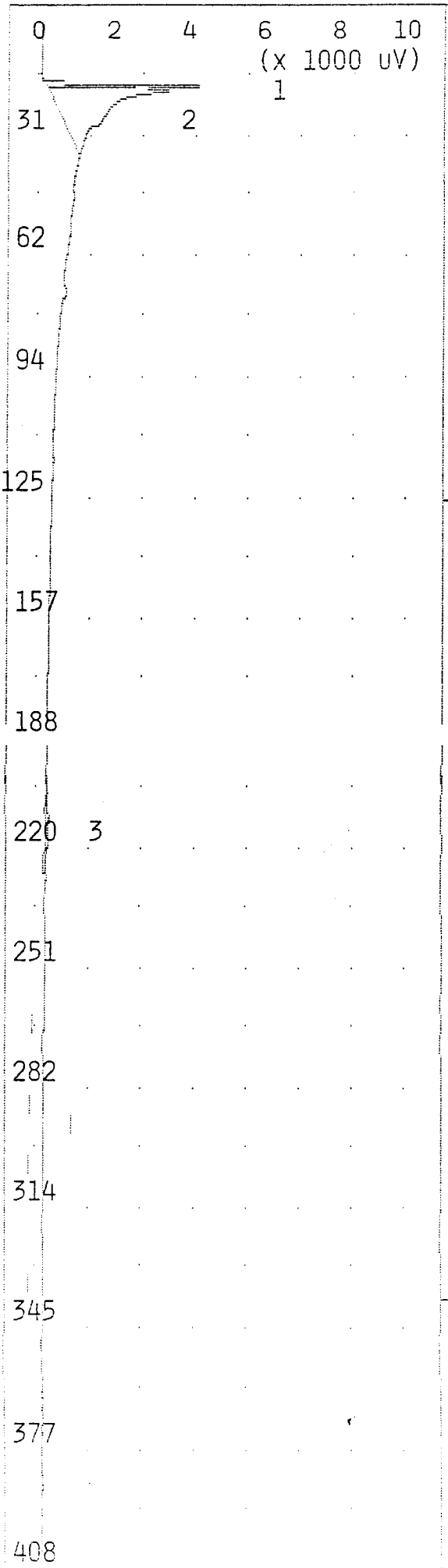
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.506 MVS	15.9
2	UNKNOWN	14.76 MVS	17.4

NOTES

JOE BYRD, JR.
COOS BAY ANG
AIR BLANK

ANALYSIS #33 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 15:48
SAMPLE TIME: NOV 11,94 15:40

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

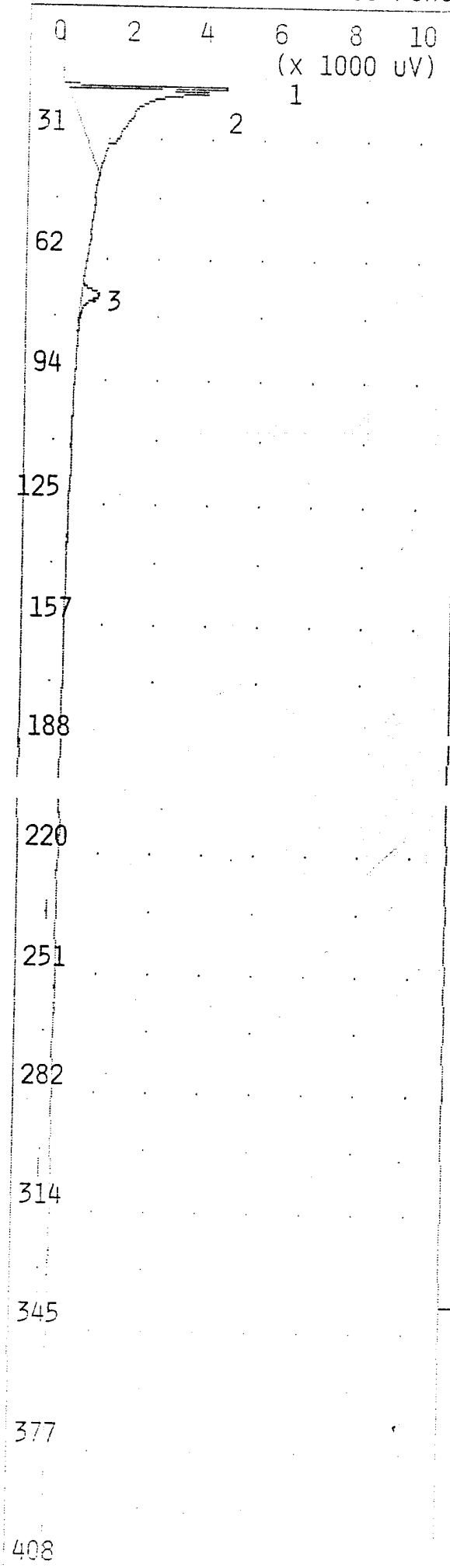
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.045 MVS	15.8
2	UNKNOWN	19.64 MVS	17.2
3	UNKNOWN	0.732 MVS	209.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
SDB-003BH 1.0- 2.5

ANALYSIS #34 10S+ GC FUNCTION ANALYSIS REPORT



LH

TIME PRINTED: Nov 11,94 16:02
SAMPLE TIME: Nov 11,94 15:50

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

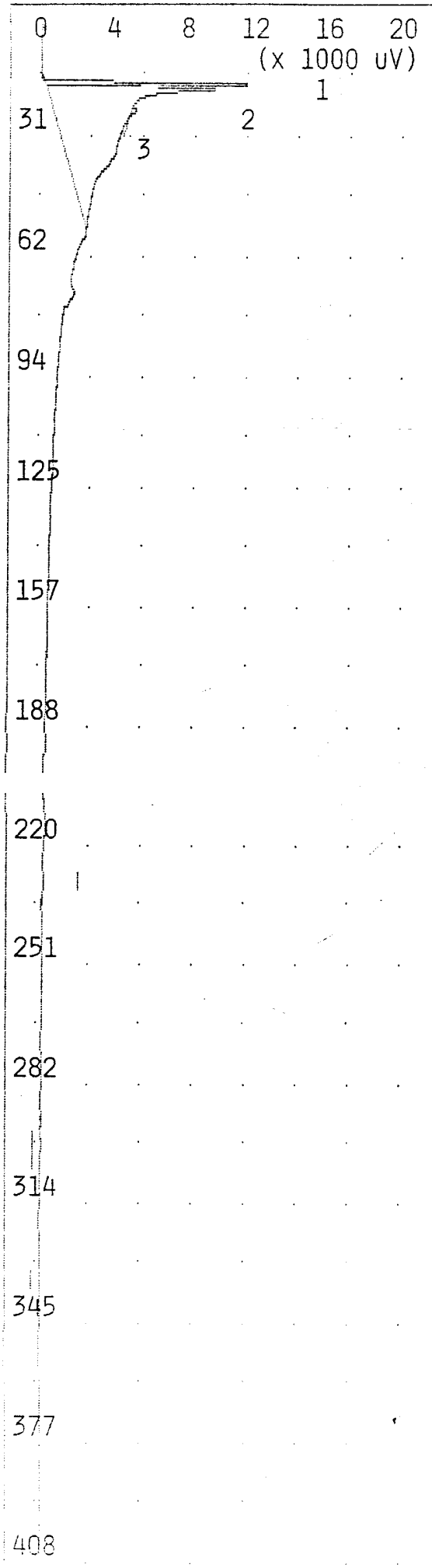
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.247 MVS	15.8
2	UNKNOWN	25.51 MVS	17.2
3	UNKNOWN	1.540 MVS	70.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
SDB-003BH 4.5- 6.0

ANALYSIS #35 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 16:12
SAMPLE TIME: NOV 11,94 16:05

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

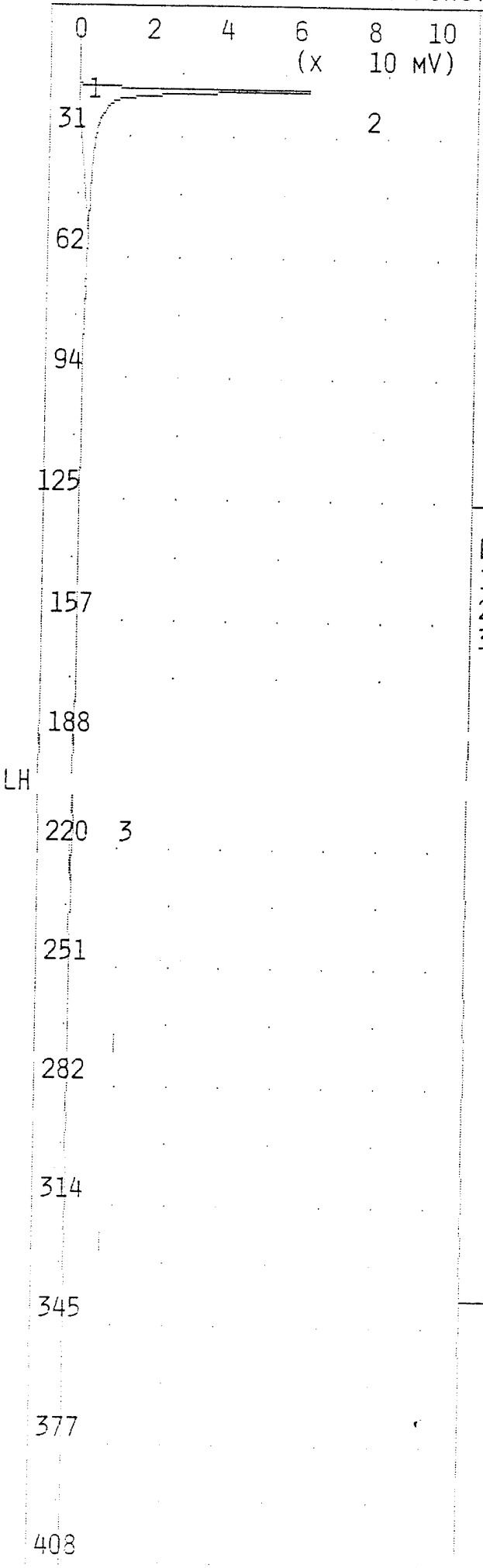
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	11.65 MVS	15.7
2	UNKNOWN	96.13 MVS	17.2
3	UNKNOWN	0.452 MVS	22.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
SDB-003BH 8.5-10.0

ANALYSIS #36 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 16:22
SAMPLE TIME: Nov 11,94 16:15

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

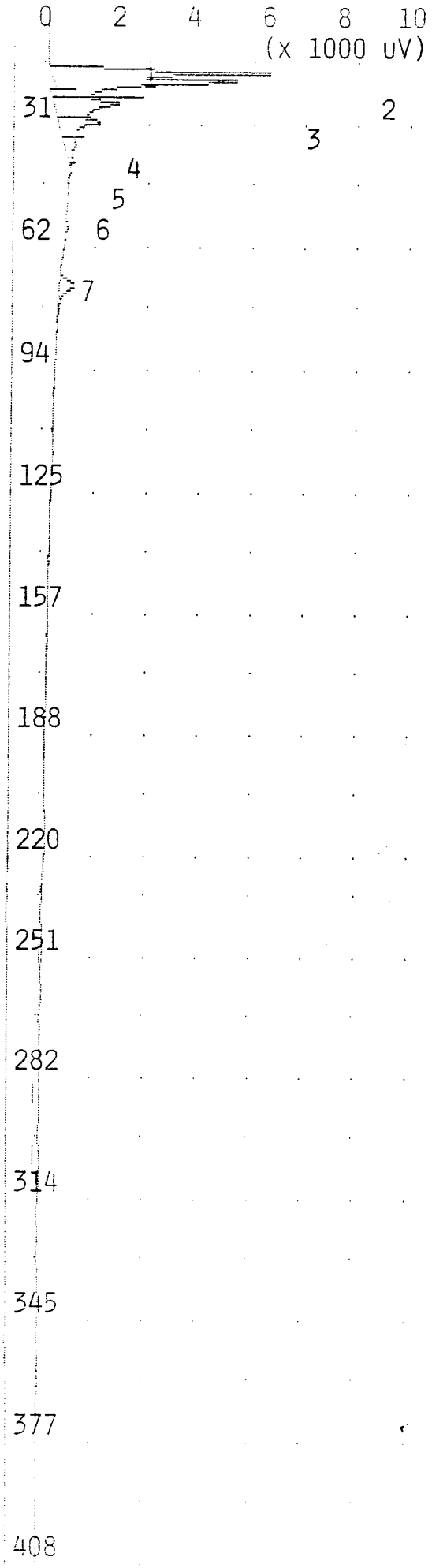
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.023 MVS	14.7
2	UNKNOWN	194.8 MVS	17.2
3	UNKNOWN	6.124 MVS	212.0

NOTES

JOE BYRD, JR.
COOS BAY ANG
SDB-003BH 13.5-15.0

ANALYSIS #37 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 11,94 16:33
SAMPLE TIME: NOV 11,94 16:26

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

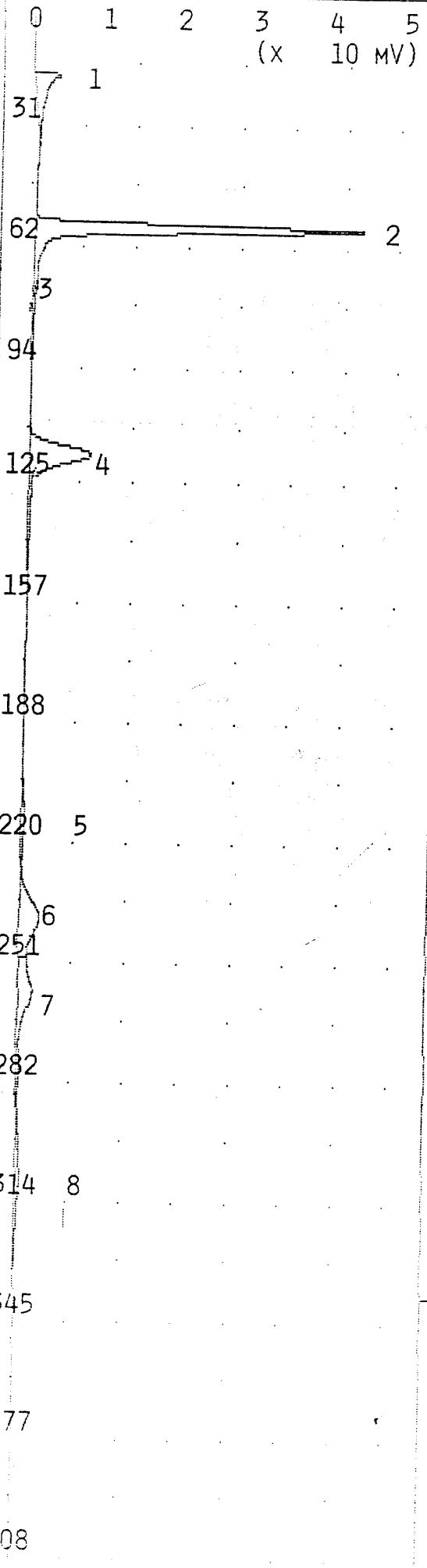
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	1.141 MVS	14.8
2	UNKNOWN	8.424 MVS	15.7
3	UNKNOWN	11.91 MVS	18.1
4	UNKNOWN	5.627 MVS	23.6
5	UNKNOWN	2.986 MVS	28.9
6	UNKNOWN	0.288 MVS	34.8
7	UNKNOWN	1.290 MVS	70.5

NOTES

JOE BYRD, JR.
COOS BAY ANG
SDB-003BH 18.5-20.0

ANALYSIS #38 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 11,94 16:44
SAMPLE TIME: Nov 11,94 16:37

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

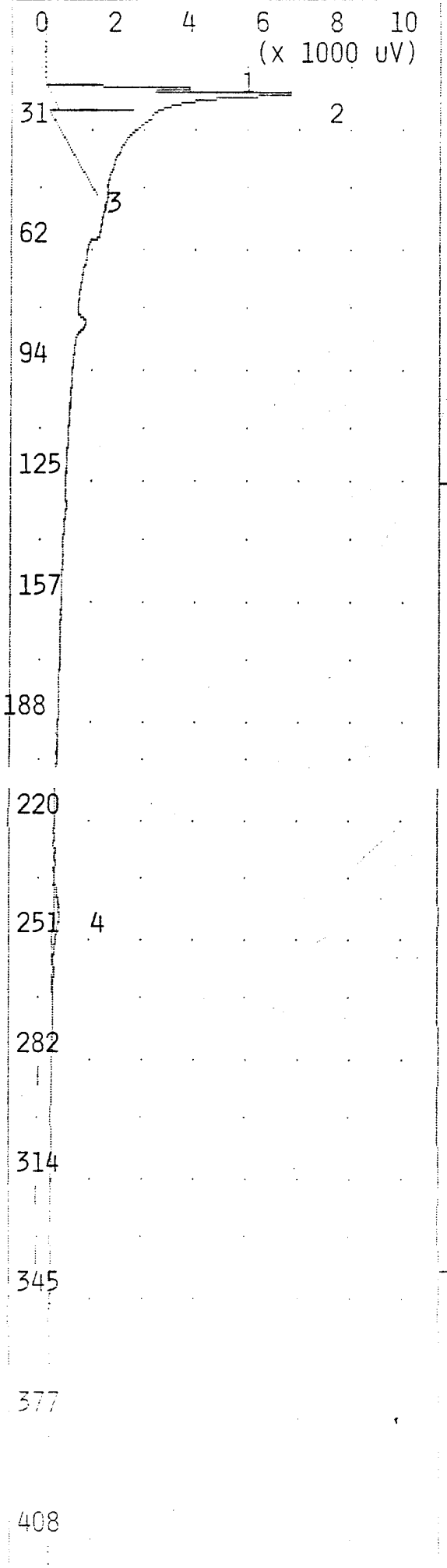
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	20.58	MVS	16.0
2	BENZENE	87.11	PPB	55.9
3	UNKNOWN	0.387	MVS	70.2
4	TOLUENE	93.80	PPB	114.1
5	UNKNOWN	3.907	MVS	211.2
6	ETHYLBENZENE	97.68	PPB	237.8
7	MP-XYLENE	200.0	PPB	256.0
8	O-XYLENE	102.4	PPB	302.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #1 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 08:51
SAMPLE TIME: Nov 12,94 08:43

METHOD

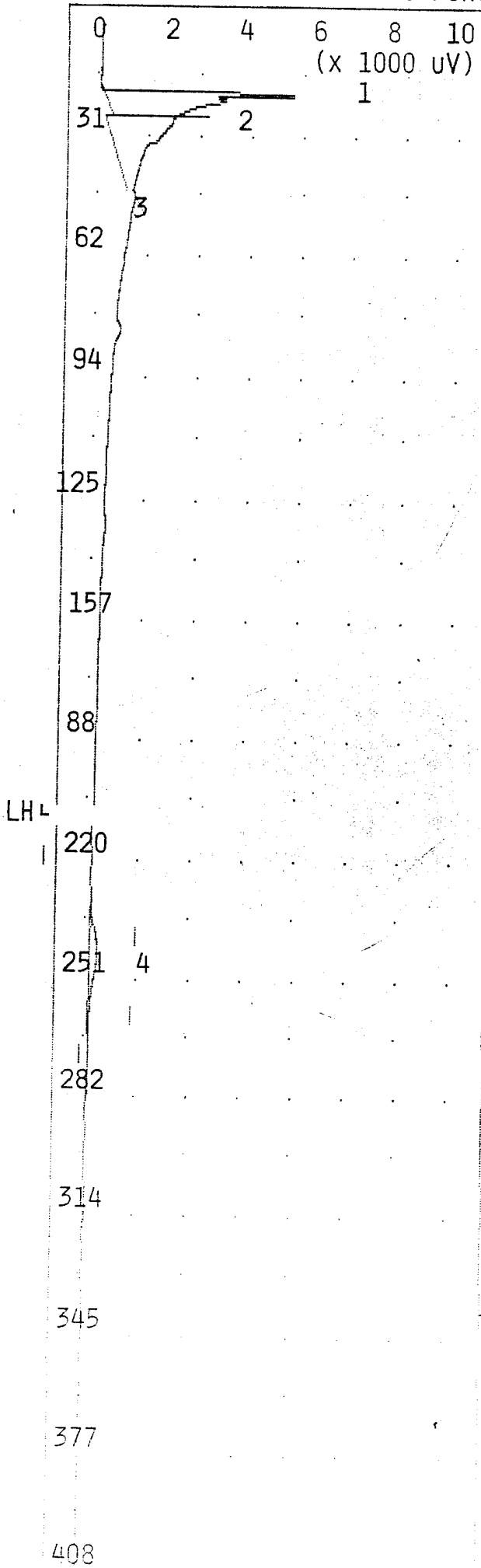
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	21	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.270 MVS	18.2
2	UNKNOWN	45.58 MVS	19.9
3	UNKNOWN	0.045 MVS	44.9
4	UNKNOWN	1.935 MVS	243.2

NOTES

ANALYSIS #2 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 09:13
SAMPLE TIME: Nov 12,94 09:05

METHOD

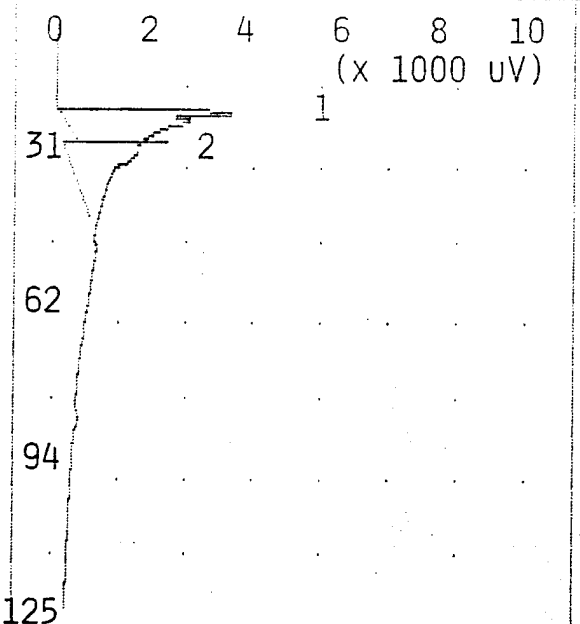
SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	23	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.478 MVS	18.2
2	UNKNOWN	27.42 MVS	19.9
3	UNKNOWN	0.025 MVS	45.1
4	UNKNOWN	3.009 MVS	242.9

NOTES

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 09:47
SAMPLE TIME: NOV 12,94 09:16

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

PEAK REPORT

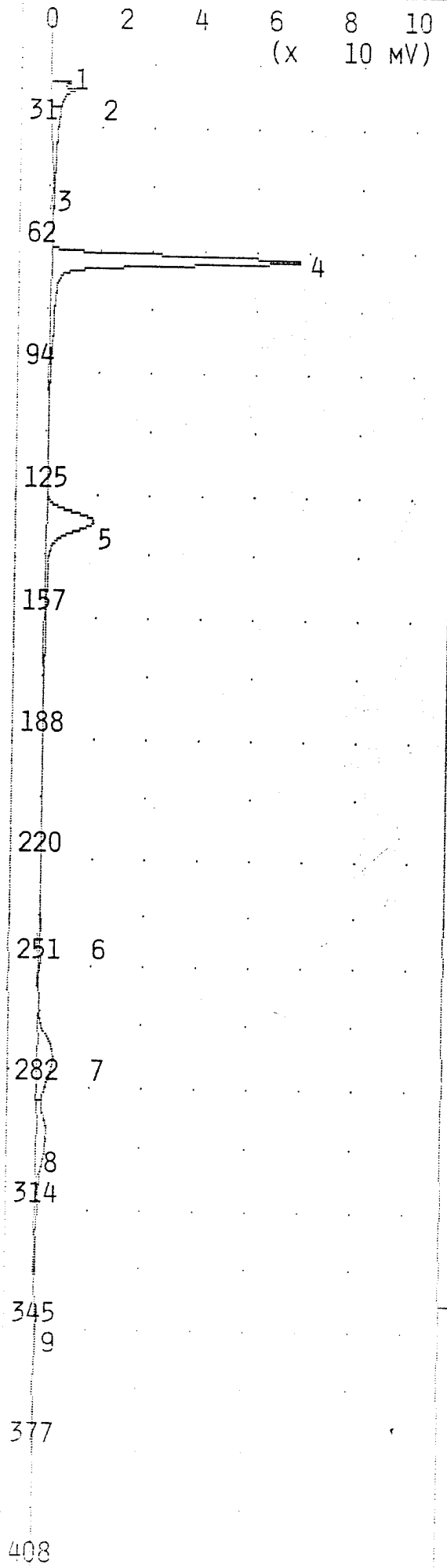
PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.459 MVS	18.1
2	UNKNOWN	20.00 MVS	19.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
1 PPM BTEX

2,000 PPM BTEX STANDARD SEEMS TO HAVE GONE FLAT!!!!!

ANALYSIS #4 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 10:04
SAMPLE TIME: NOV 12,94 09:52

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

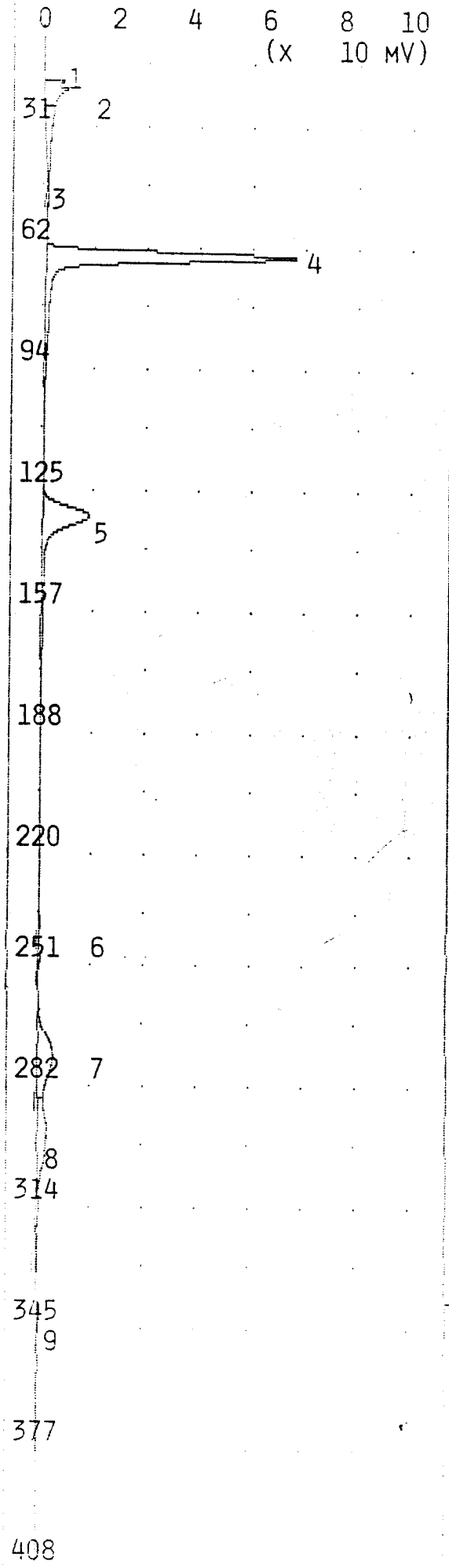
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.457 MVS	17.9
2	UNKNOWN	46.07 MVS	19.8
3	UNKNOWN	0.025 MVS	45.0
4	UNKNOWN	217.6 MVS	63.1
5	UNKNOWN	85.93 MVS	130.4
6	UNKNOWN	4.003 MVS	243.7
7	UNKNOWN	53.54 MVS	273.3
8	UNKNOWN	41.81 MVS	294.1
9	UNKNOWN	6.482 MVS	346.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #4 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 10:11
SAMPLE TIME: Nov 12,94 09:52

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

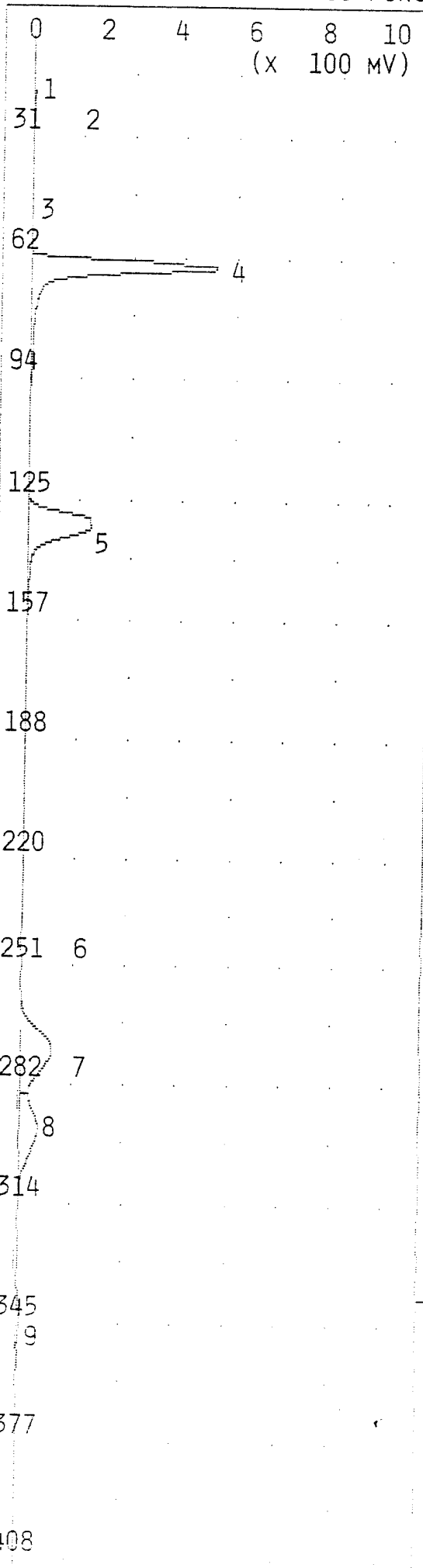
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.457 MVS	17.9
2	UNKNOWN	46.07 MVS	19.8
3	UNKNOWN	0.025 MVS	45.0
4	BENZENE	100.0 PPB	63.1
5	TOLUENE	100.0 PPB	130.4
6	UNKNOWN	4.003 MVS	243.7
7	ETHYLBENZENE	100.0 PPB	273.3
8	MP-XYLENE	200.0 PPB	294.1
9	O-XYLENE	100.0 PPB	346.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #5 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 10:23
SAMPLE TIME: Nov 12,94 10:15

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

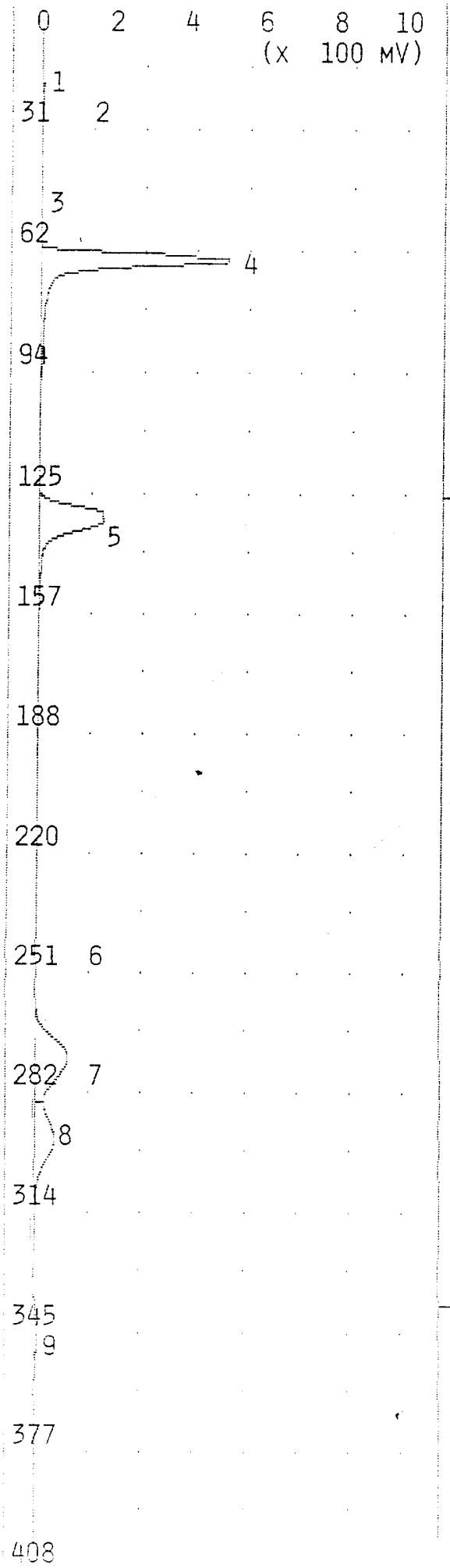
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	9.202	MVS	17.9
2	UNKNOWN	37.32	MVS	19.6
3	UNKNOWN	0.050	MVS	44.9
4	BENZENE	1.030	PPM	63.4
5	TOLUENE	1.689	PPM	130.5
6	UNKNOWN	1.695	MVS	239.2
7	ETHYLBENZENE	2.201	PPM	271.7
8	MP-XYLENE	3.647	PPM	293.0
9	O-XYLENE	2.105	PPM	345.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
1 PPM BTEX

ANALYSIS #5 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 10:28
SAMPLE TIME: NOV 12,94 10:15

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

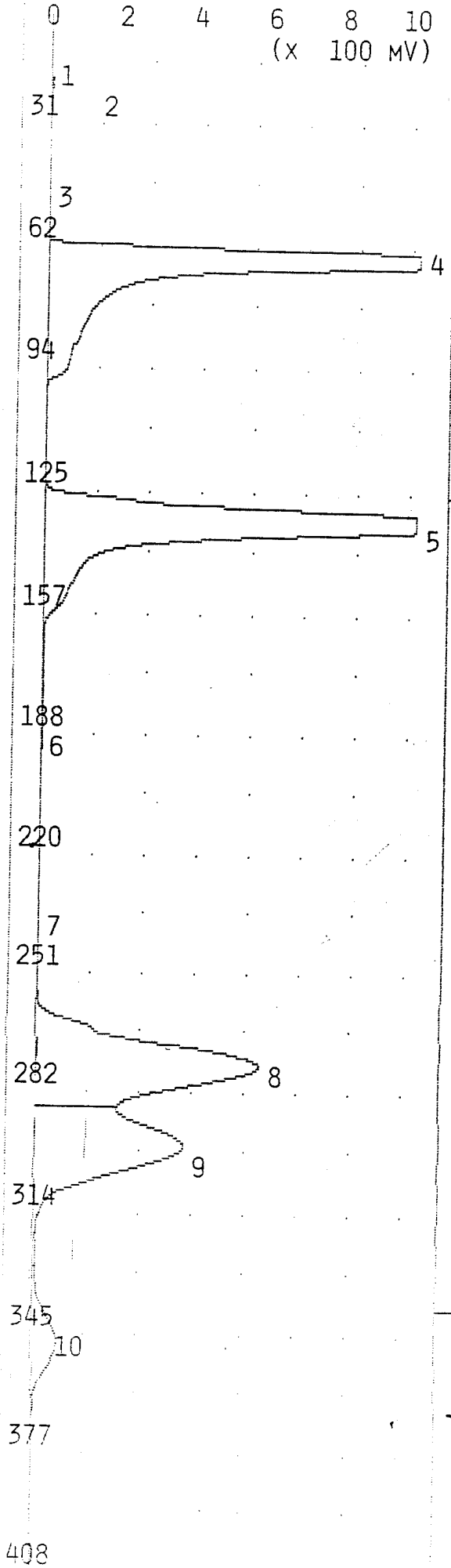
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.202 MVS	17.9
2	UNKNOWN	37.32 MVS	19.6
3	UNKNOWN	0.050 MVS	44.9
4	BENZENE	1.000 PPM	63.4
5	TOLUENE	1.000 PPM	130.5
6	UNKNOWN	1.695 MVS	239.2
7	ETHYLBENZENE	1.000 PPM	271.7
8	MP-XYLENE	2.000 PPM	293.0
9	O-XYLENE	1.007 PPM	345.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
1 PPM BTEX

ANALYSIS #6 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 10:38
SAMPLE TIME: Nov 12,94 10:31

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

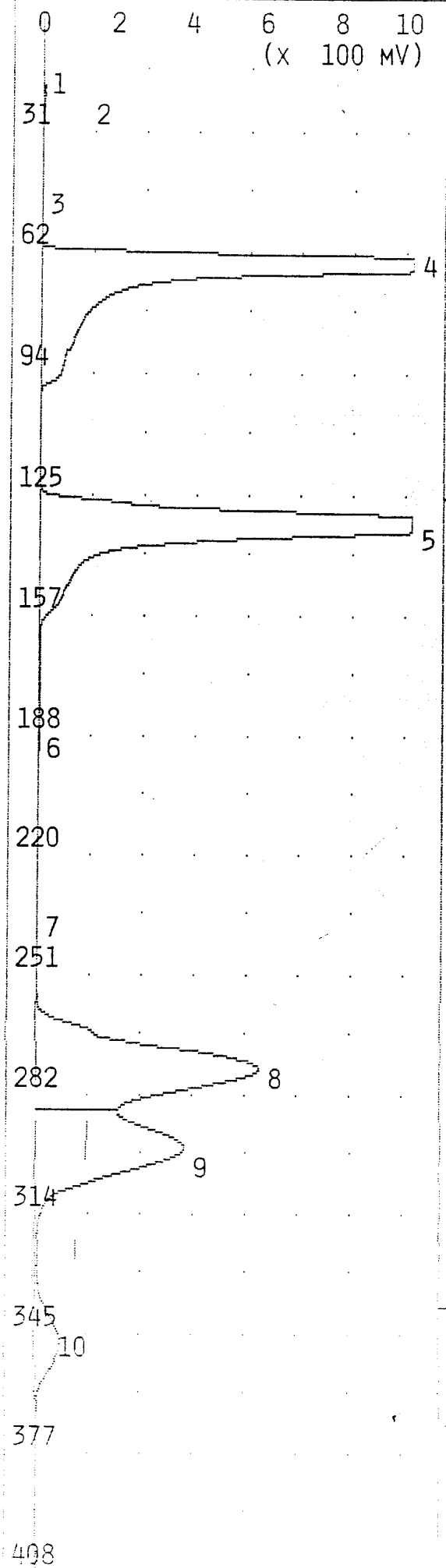
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.234 MVS	17.9
2	UNKNOWN	45.63 MVS	19.7
3	UNKNOWN	0.042 MVS	46.7
4	BENZENE	5.689 PPM	63.4
5	TOLUENE	8.310 PPM	131.0
6	UNKNOWN	1.419 MVS	187.8
7	UNKNOWN	5.737 MVS	237.0
8	ETHYLBENZENE	7.152 PPM	273.6
9	MP-XYLENE	15.97 PPM	294.6
10	O-XYLENE	8.248 PPM	346.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
~~1 PPM BTEX 38~~
10 PPM BTEX

ANALYSIS #6 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 10:43
SAMPLE TIME: Nov 12,94 10:31

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

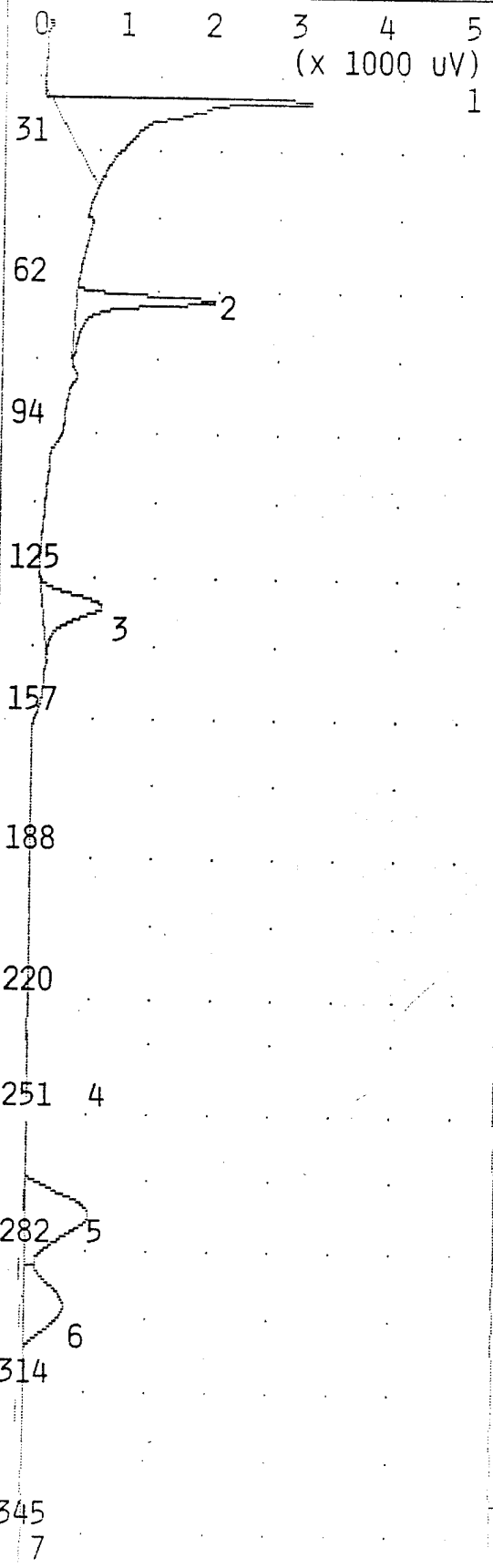
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.234 MVS	17.9
2	UNKNOWN	45.63 MVS	19.7
3	UNKNOWN	0.042 MVS	46.7
4	BENZENE	10.00 PPM	63.4
5	TOLUENE	10.00 PPM	131.0
6	UNKNOWN	1.419 MVS	187.8
7	UNKNOWN	5.737 MVS	237.0
8	ETHYLBENZENE	10.00 PPM	273.6
9	MP-XYLENE	20.00 PPM	294.6
10	O-XYLENE	10.03 PPM	346.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 PPM BTEX

ANALYSIS #7 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 10:54
SAMPLE TIME: NOV 12,94 10:47

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

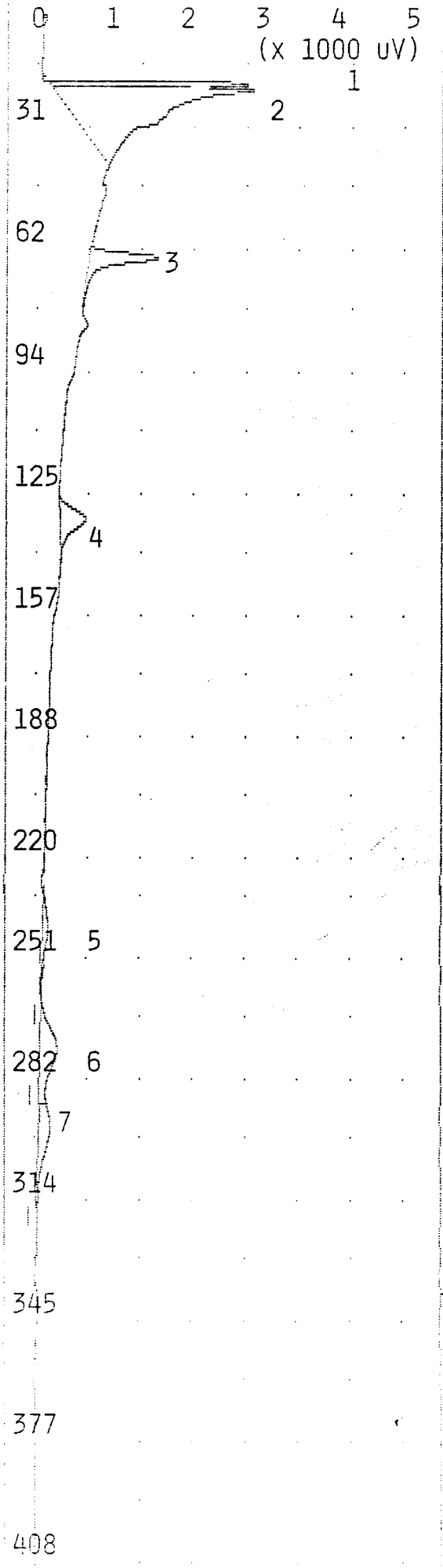
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	17.61	MVS	18.0
2	BENZENE	2.367	PPB	62.8
3	TOLUENE	5.518	PPB	130.2
4	UNKNOWN	0.973	MVS	241.6
5	ETHYLBENZENE	25.88	PPB	272.5
6	MP-XYLENE	56.20	PPB	293.3
7	O-XYLENE	33.78	PPB	344.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
AIR BLANK

ANALYSIS #8 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 11:05
SAMPLE TIME: NOV 12,94 10:57

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

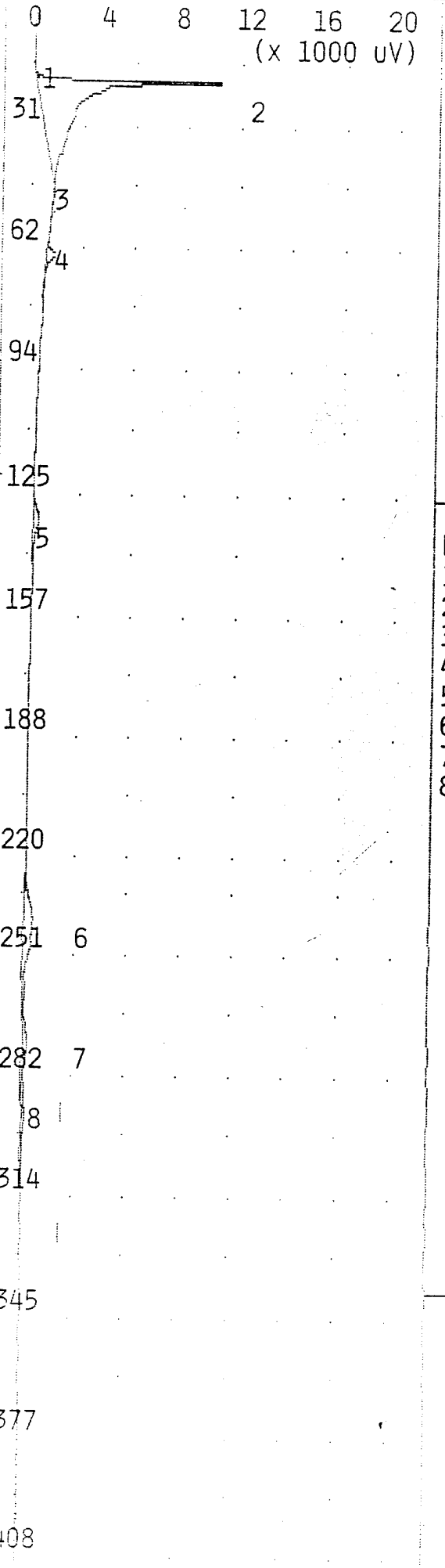
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	3.855	MVS	18.0
2	UNKNOWN	20.06	MVS	19.8
3	BENZENE	1.392	PPB	63.0
4	TOLUENE	2.849	PPB	129.8
5	UNKNOWN	0.921	MVS	241.0
6	ETHYLBENZENE	6.388	PPB	273.0
7	MP-XYLENE	9.473	PPB	293.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
AIR BLANK

ANALYSIS #9 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 11:32
SAMPLE TIME: NOV 12,94 11:24

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

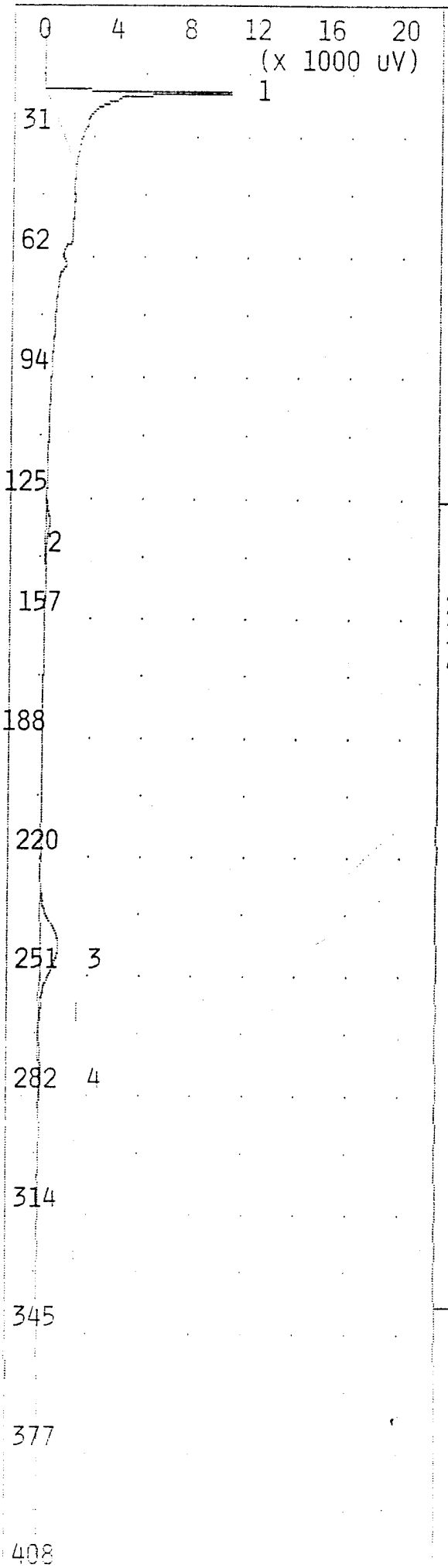
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	0.374	MVS	16.4
2	UNKNOWN	46.23	MVS	17.9
3	UNKNOWN	0.048	MVS	45.0
4	BENZENE	0.614	PPB	62.9
5	TOLUENE	2.216	PPB	129.6
6	UNKNOWN	7.080	MVS	241.8
7	ETHYLBENZENE	5.059	PPB	272.0
8	MP-XYLENE	5.527	PPB	292.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-003PZ 3.5- 5.0

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 11:42
SAMPLE TIME: NOV 12,94 11:35

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

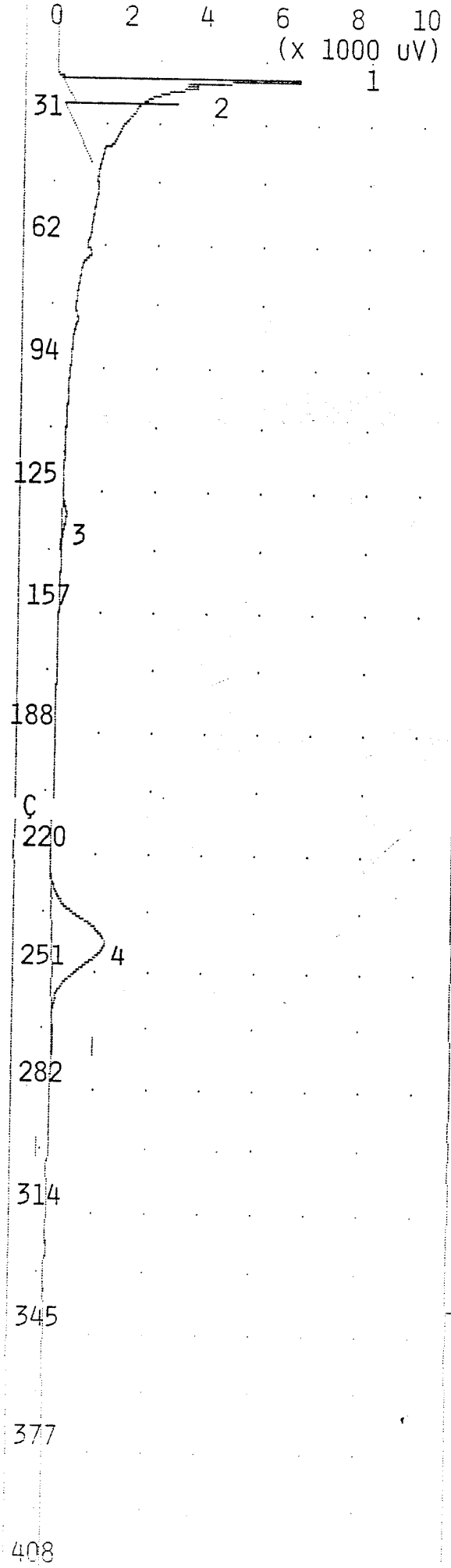
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	39.41	MVS	17.9
2	TOLUENE	1.326	PPB	129.8
3	UNKNOWN	16.15	MVS	241.8
4	ETHYLBENZENE	0.411	PPB	270.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-003PZ 8.5-10.0

ANALYSIS #11 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 11:52
SAMPLE TIME: Nov 12,94 11:45

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

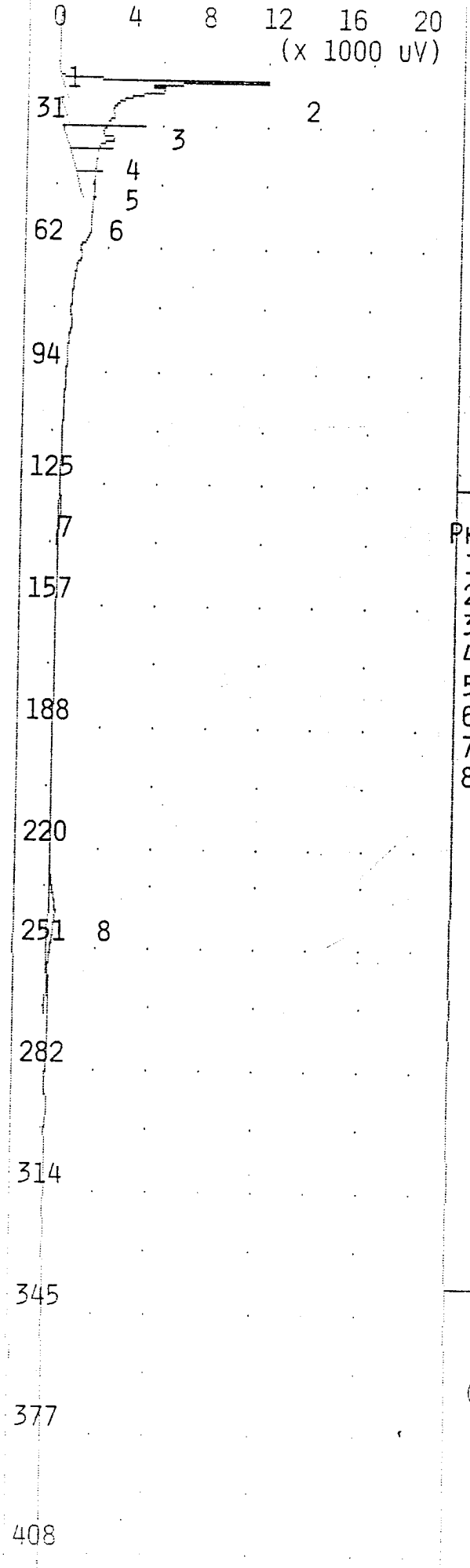
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.229 MVS	18.0
2	UNKNOWN	26.32 MVS	19.7
3	TOLUENE	0.785 PPB	129.3
4	UNKNOWN	22.12 MVS	241.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-003PZ 13.5-15.0

ANALYSIS #12 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 12:03
SAMPLE TIME: NOV 12,94 11:56

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

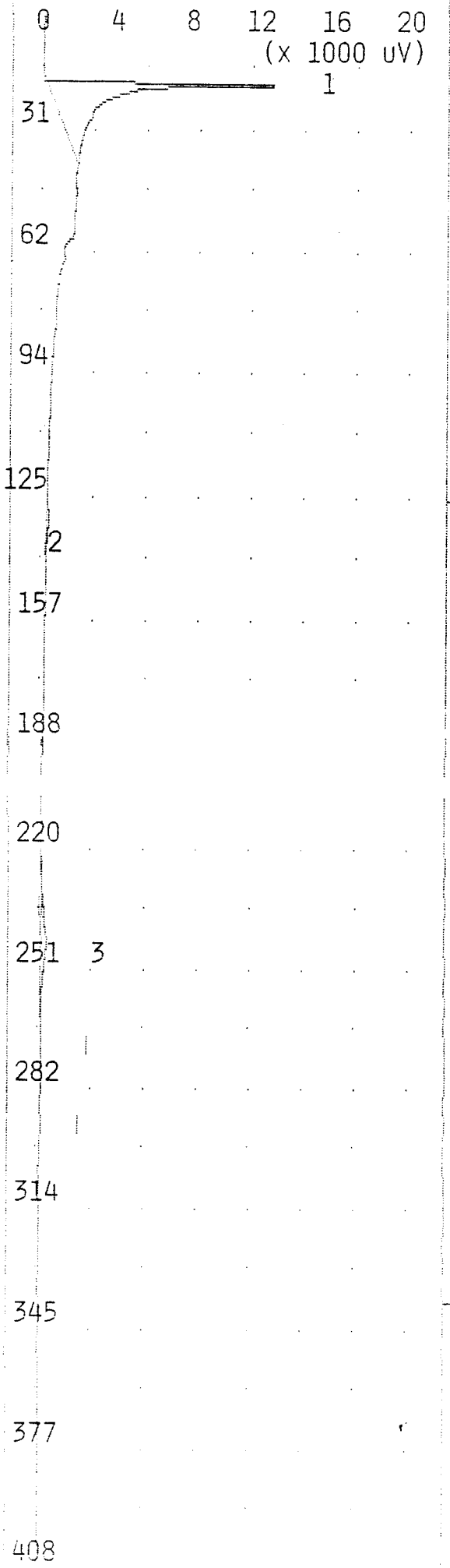
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	0.165	MVS	16.7
2	UNKNOWN	13.68	MVS	17.8
3	UNKNOWN	23.25	MVS	20.3
4	UNKNOWN	11.65	MVS	26.6
5	UNKNOWN	11.67	MVS	32.6
6	UNKNOWN	0.142	MVS	44.8
7	TOLUENE	0.790	PPB	129.4
8	UNKNOWN	5.298	MVS	241.3

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-003PZ 18.5-20.0

ANALYSIS #13 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 12:17
SAMPLE TIME: NOV 12,94 12:09

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

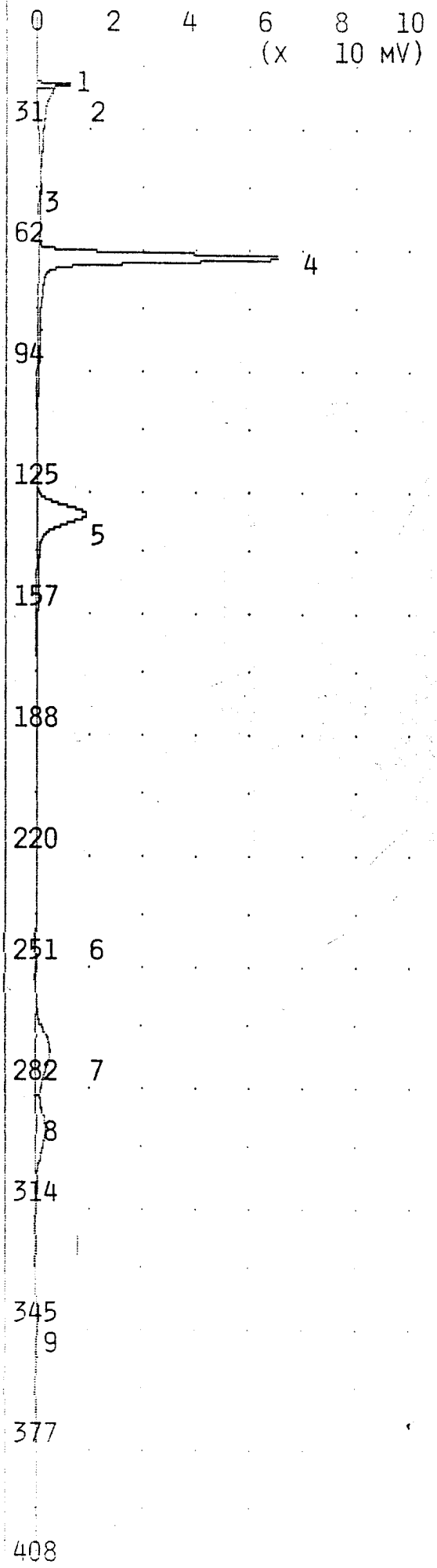
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	44.91	MVS	17.8
2	TOLUENE	0.671	PPB	129.0
3	UNKNOWN	4.292	MVS	241.3

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-003PZ 23.5-24.5

ANALYSIS #14 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 12:27
SAMPLE TIME: NOV 12,94 12:20

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

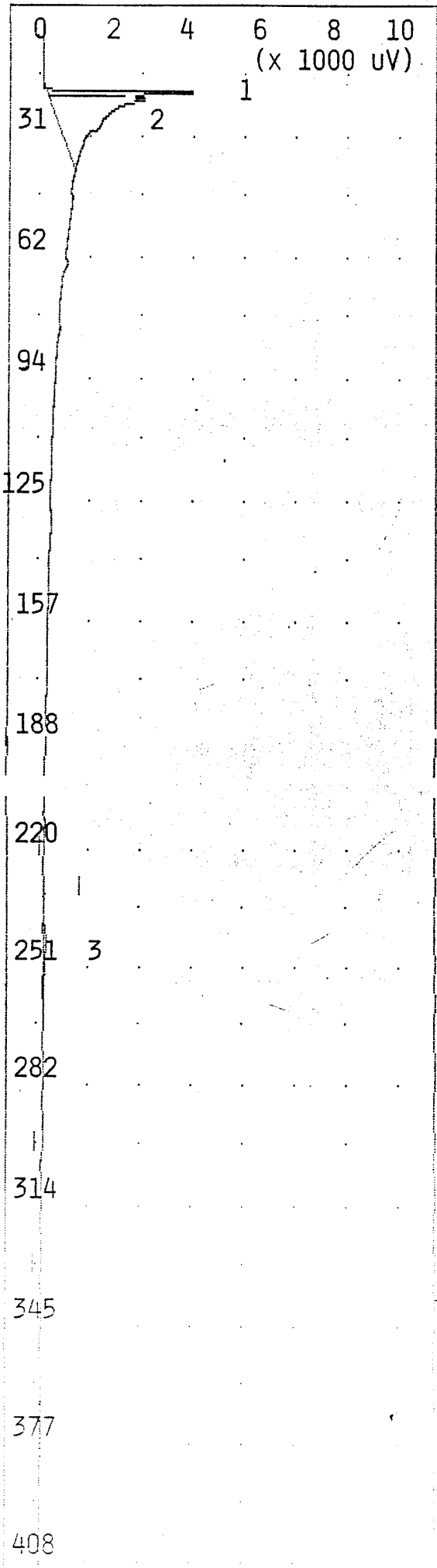
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	9.874	MVS	17.8
2	UNKNOWN	35.41	MVS	19.6
3	UNKNOWN	0.052	MVS	45.2
4	BENZENE	86.95	PPB	62.7
5	TOLUENE	98.45	PPB	129.4
6	UNKNOWN	3.042	MVS	239.4
7	ETHYLBENZENE	92.69	PPB	271.2
8	MP-XYLENE	188.7	PPB	292.0
9	O-XYLENE	102.5	PPB	345.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #15 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 12:37
SAMPLE TIME: Nov 12,94 12:30

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

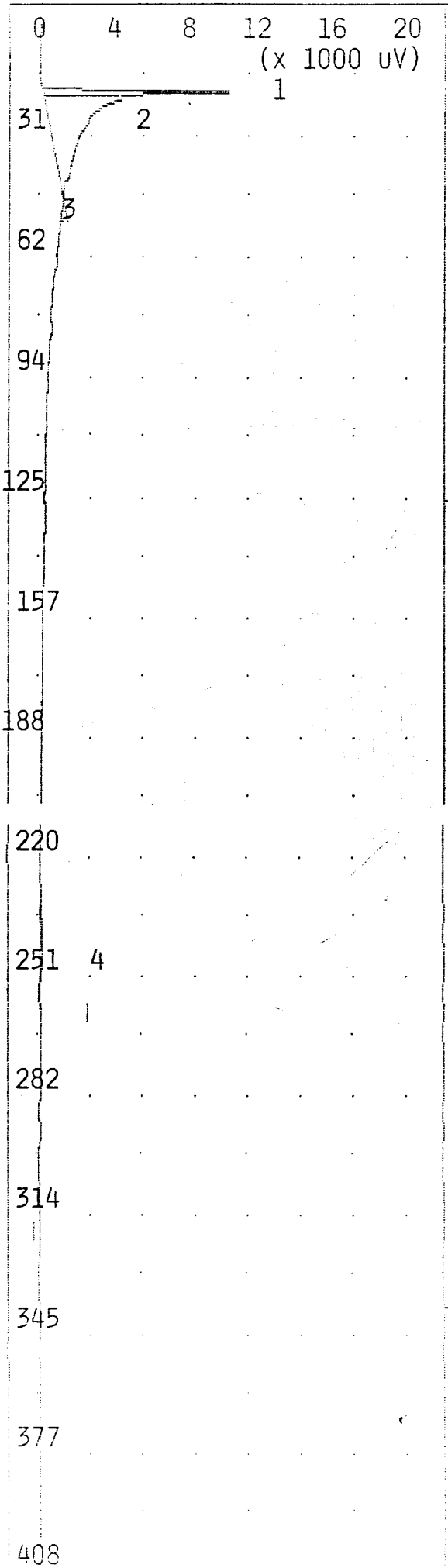
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.777 MVS	17.8
2	UNKNOWN	18.90 MVS	19.6
3	UNKNOWN	0.669 MVS	239.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
AIR BLANK

ANALYSIS #16 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 12:47
SAMPLE TIME: Nov 12,94 12:40

METHOD

SLOPE UP	0.500	mV/SEC
SLOPE DOWN	1.500	mV/SEC
MIN AREA	0.000	mVSEC
MIN HEIGHT	0.000	mV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

PEAK REPORT

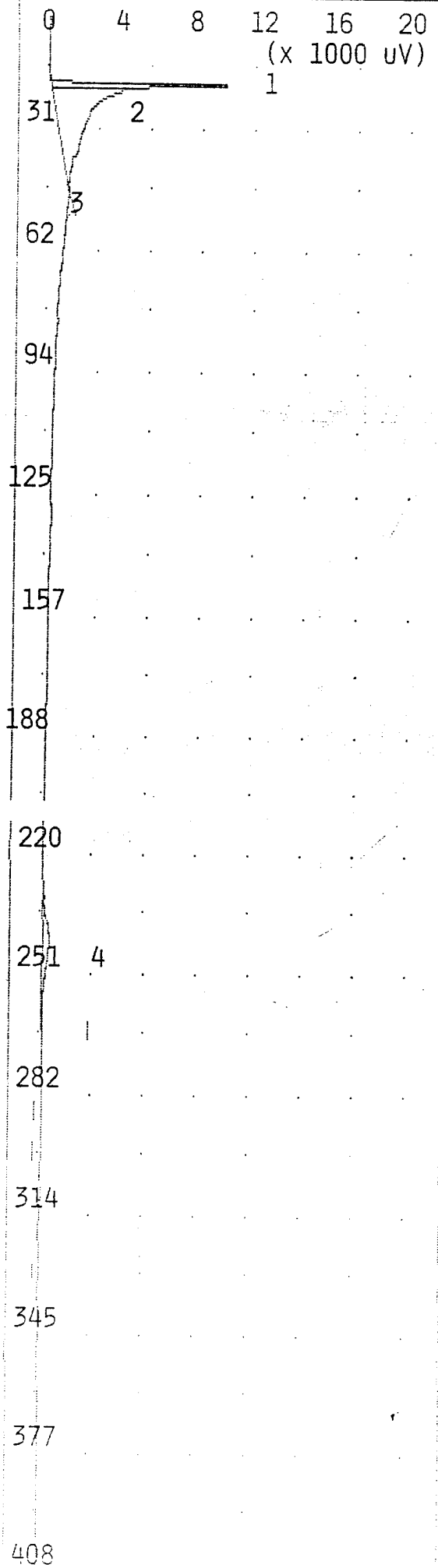
PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	12.08	mVS	17.8
2	UNKNOWN	39.36	mVS	19.5
3	UNKNOWN	0.158	mVS	44.7
4	UNKNOWN	1.431	mVS	241.3

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-004PZ 1.0- 2.5

LH

ANALYSIS #17 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 12:59
SAMPLE TIME: Nov 12,94 12:52

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

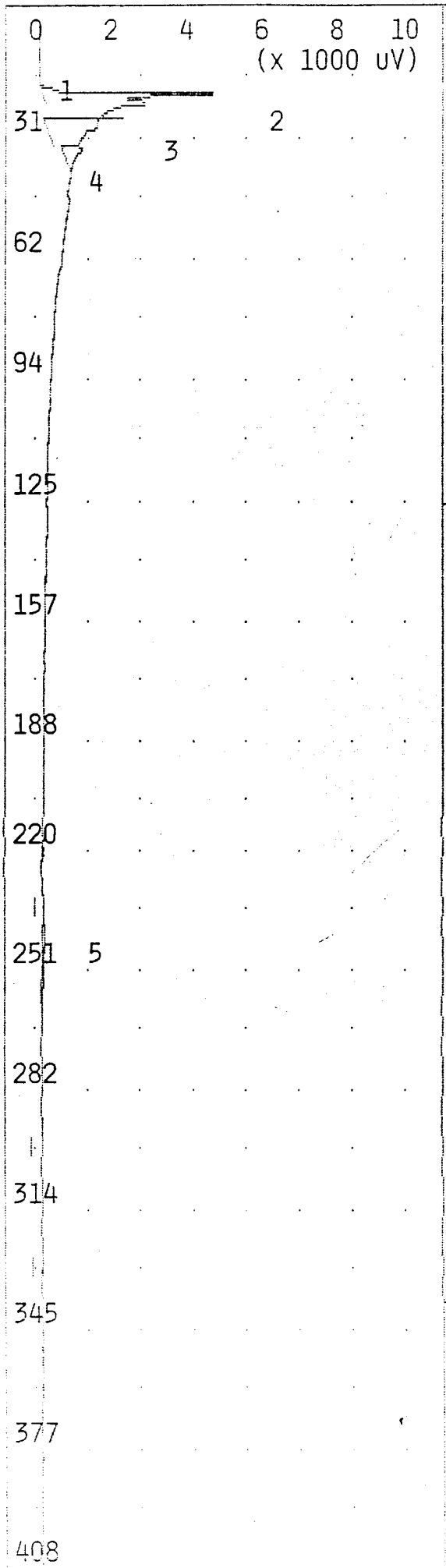
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	11.27 MVS	17.8
2	UNKNOWN	33.34 MVS	19.5
3	UNKNOWN	0.125 MVS	44.9
4	UNKNOWN	5.118 MVS	240.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-004PZ 8.5-10.0

ANALYSIS #18 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 13:10
SAMPLE TIME: Nov 12,94 13:02

METHOD

SLOPE UP	0.500	mV/SEC
SLOPE DOWN	1.500	mV/SEC
MIN AREA	0.000	mVSEC
MIN HEIGHT	0.000	mV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

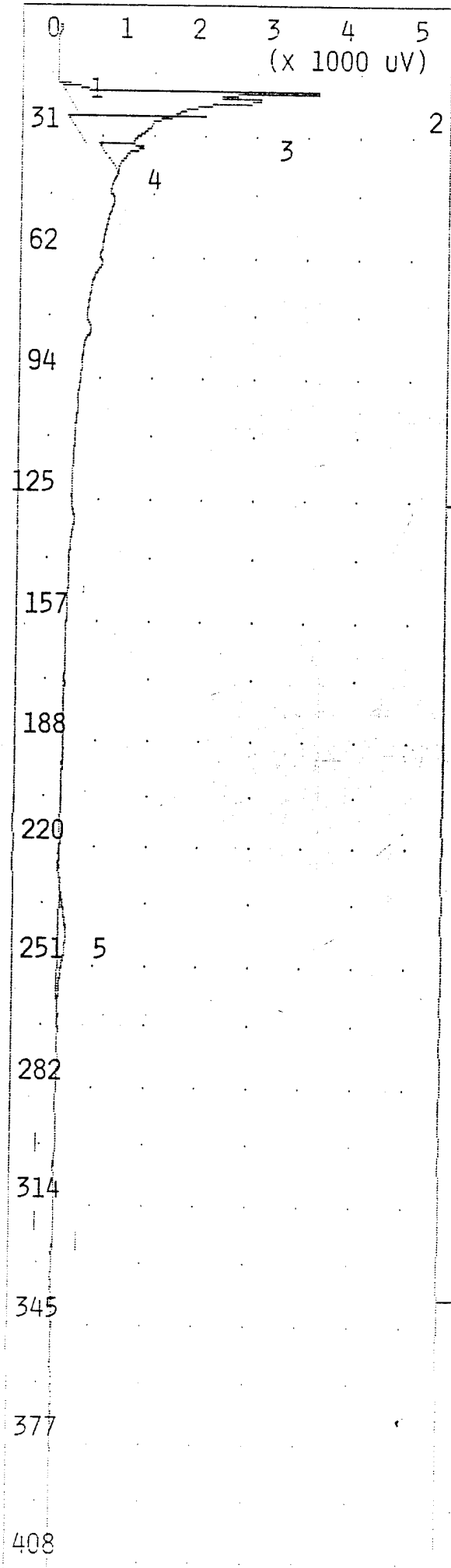
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	0.295	mVS	16.4
2	UNKNOWN	5.918	mVS	17.8
3	UNKNOWN	16.58	mVS	20.2
4	UNKNOWN	1.802	mVS	32.6
5	UNKNOWN	0.649	mVS	239.6

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-004PZ 13.5-14.0

ANALYSIS #19 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 13:20
SAMPLE TIME: Nov 12,94 13:13

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

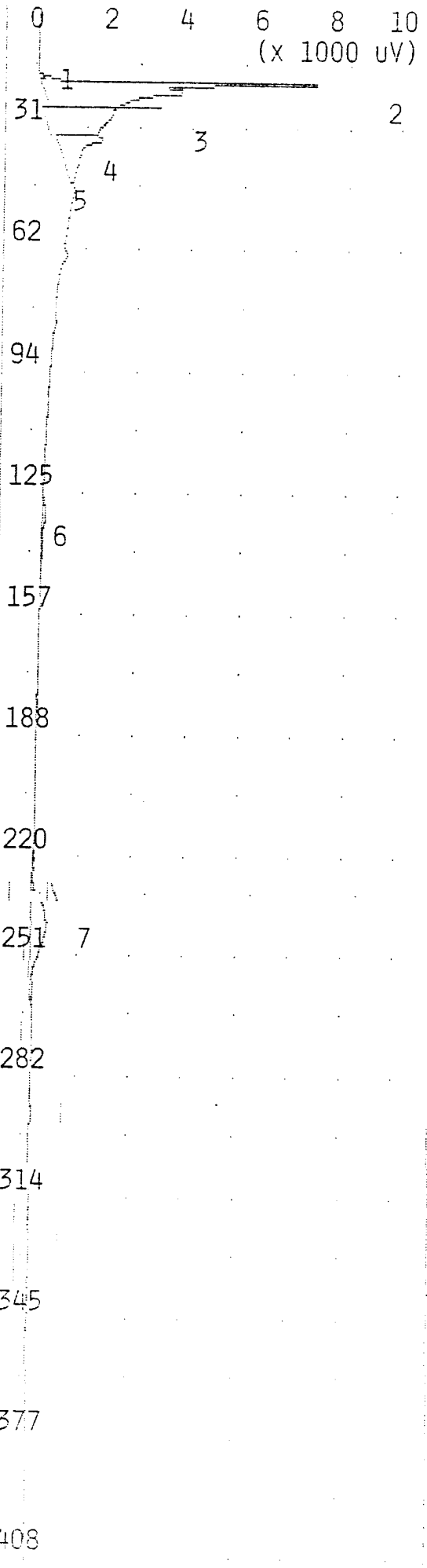
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.294 MVS	16.4
2	UNKNOWN	4.433 MVS	17.8
3	UNKNOWN	15.70 MVS	20.1
4	UNKNOWN	1.862 MVS	32.4
5	UNKNOWN	1.423 MVS	242.1

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-004PZ 18.5-19.0

ANALYSIS #20 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 13:31
SAMPLE TIME: NOV 12,94 13:23

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

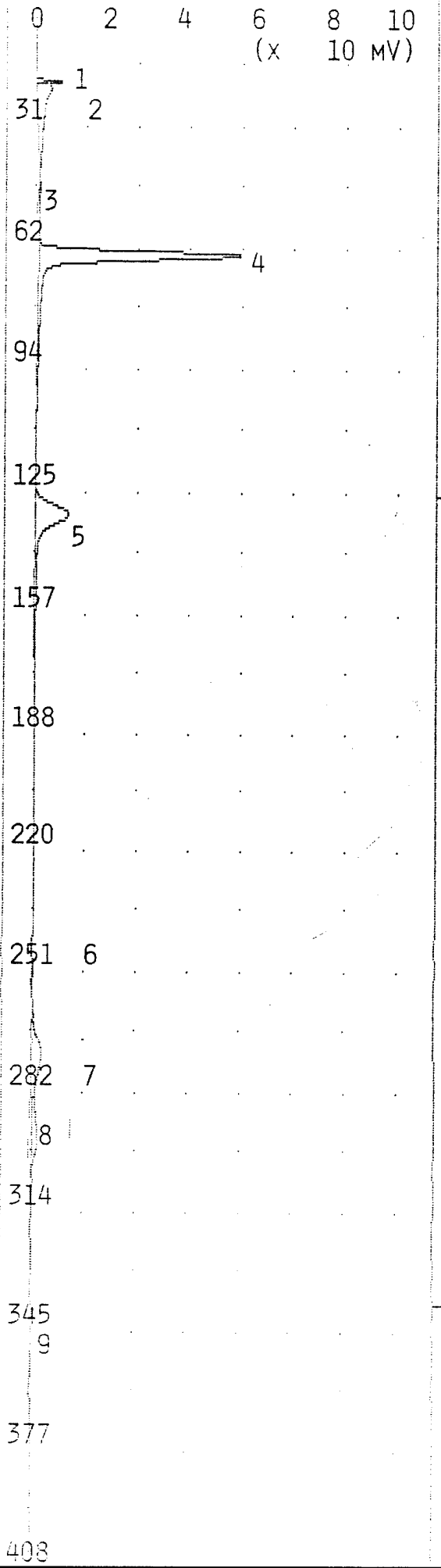
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.266 MVS	16.6
2	UNKNOWN	9.311 MVS	17.9
3	UNKNOWN	25.26 MVS	20.2
4	UNKNOWN	6.798 MVS	32.5
5	UNKNOWN	0.263 MVS	45.2
6	TOLUENE	0.542 PPB	129.2
7	UNKNOWN	5.865 MVS	240.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-004PZ 28.5-29.0

ANALYSIS #21 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 13:41
SAMPLE TIME: NOV 12,94 13:34

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

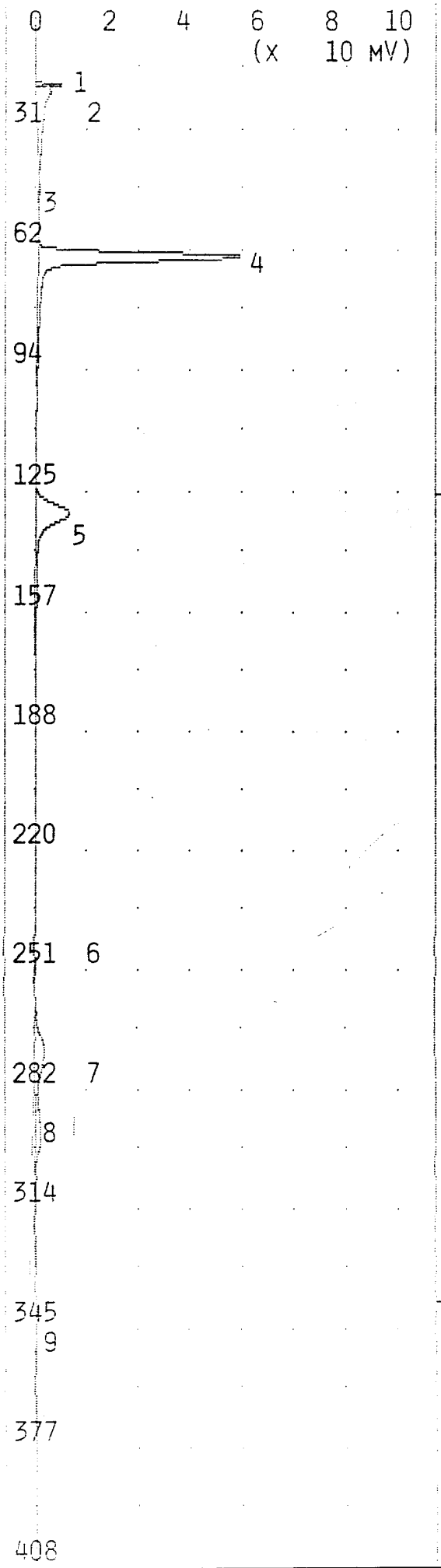
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	7.957	MVS	17.7
2	UNKNOWN	36.96	MVS	19.5
3	UNKNOWN	0.049	MVS	45.2
4	BENZENE	76.75	PPB	62.6
5	TOLUENE	71.92	PPB	129.2
6	UNKNOWN	2.443	MVS	240.5
7	ETHYLBENZENE	59.79	PPB	270.6
8	MP-XYLENE	114.0	PPB	291.7
9	O-XYLENE	65.68	PPB	343.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #21 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 13:45
SAMPLE TIME: Nov 12,94 13:34

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

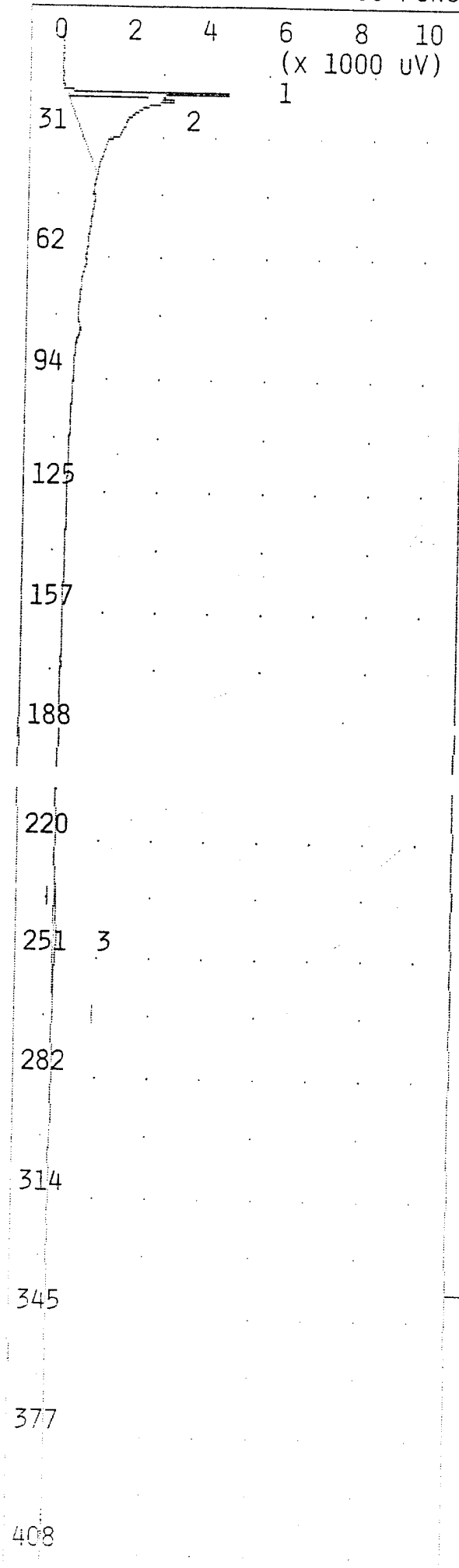
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	7.957	MVS	17.7
2	UNKNOWN	36.96	MVS	19.5
3	UNKNOWN	0.049	MVS	45.2
4	BENZENE	100.0	PPB	62.6
5	TOLUENE	100.0	PPB	129.2
6	UNKNOWN	2.443	MVS	240.5
7	ETHYLBENZENE	99.99	PPB	270.6
8	MP-XYLENE	200.0	PPB	291.7
9	O-XYLENE	100.0	PPB	343.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #22 10S+ GC FUNCTION ANALYSIS REPORT



LH

TIME PRINTED: Nov 12,94 13:57
SAMPLE TIME: Nov 12,94 13:50

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

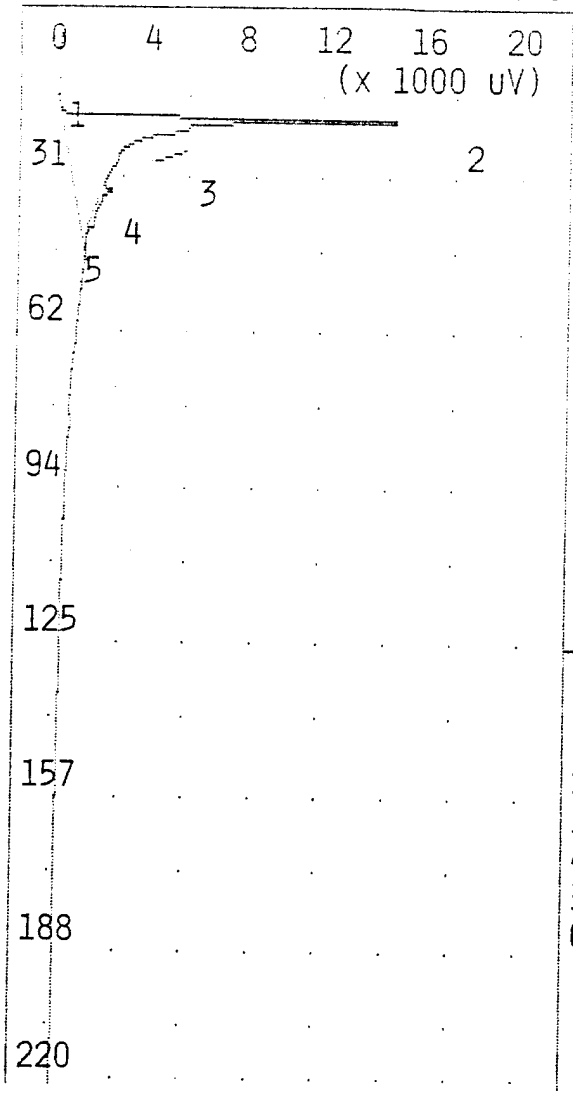
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.975 MVS	17.8
2	UNKNOWN	21.26 MVS	19.5
3	UNKNOWN	0.988 MVS	242.1

NOTES

JOE BYRD, JR.
COOS BAY ANGS
AIR BLANK

ANALYSIS #23 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 14:08
SAMPLE TIME: NOV 12,94 14:00

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

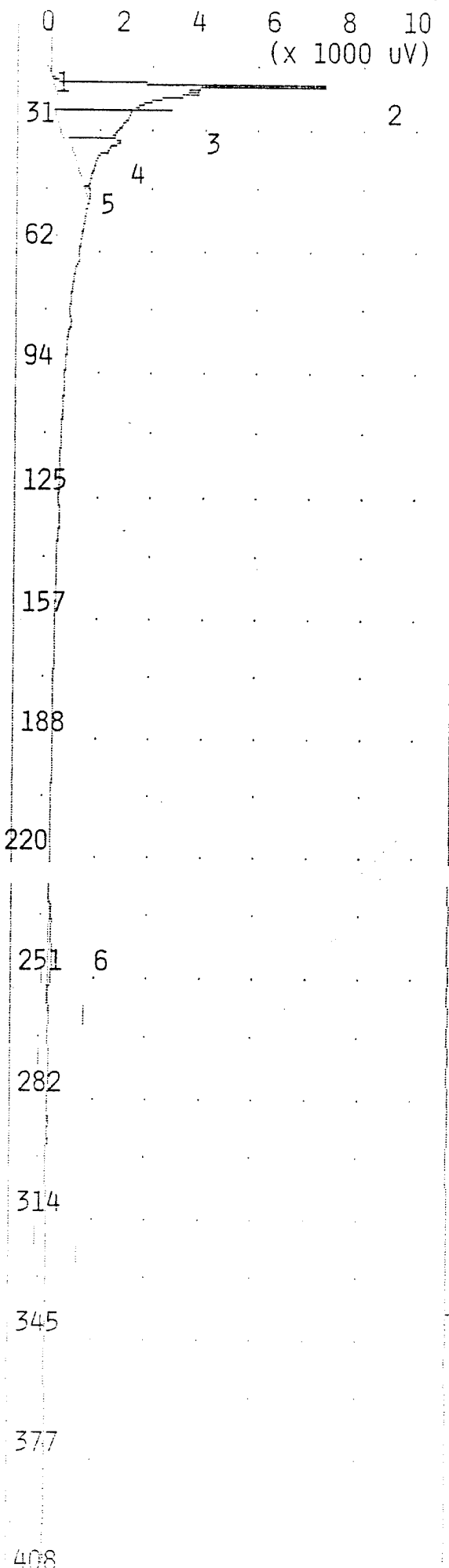
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.206 MVS	16.4
2	UNKNOWN	58.42 MVS	17.8
3	UNKNOWN	0.935 MVS	19.4
4	UNKNOWN	1.455 MVS	32.4
5	UNKNOWN	0.025 MVS	45.0
6	UNKNOWN	3.951 MVS	239.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-004PZ 33.5-34.0

ANALYSIS #24 10S+ GC FUNCTION ANALYSIS REPORT



LH

TIME PRINTED: Nov 12,94 14:18
SAMPLE TIME: Nov 12,94 14:11

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

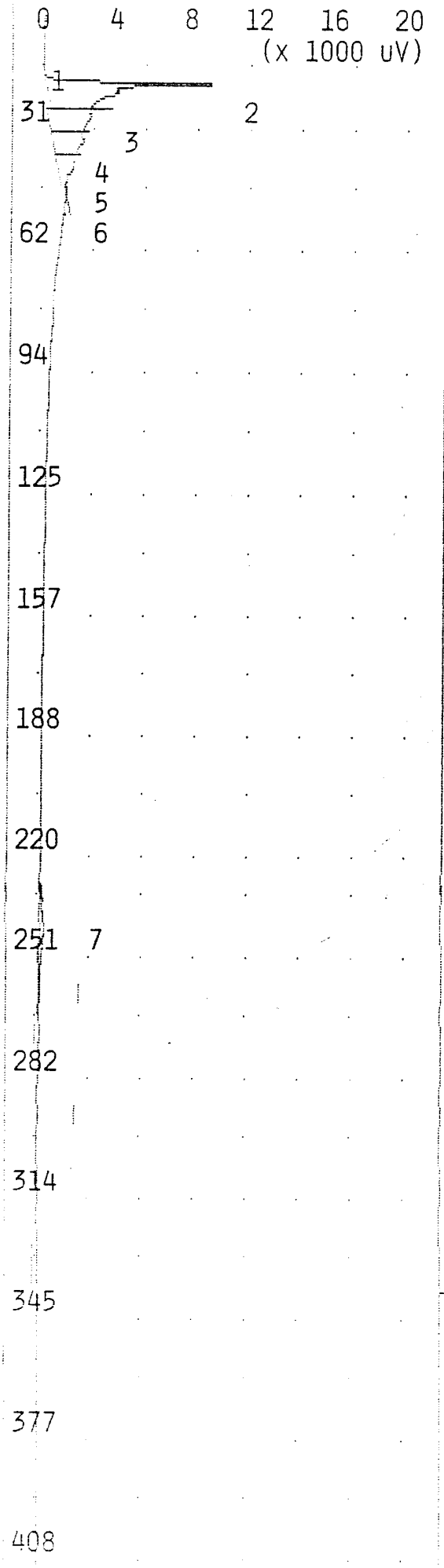
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.176 MVS	16.3
2	UNKNOWN	9.065 MVS	17.7
3	UNKNOWN	26.30 MVS	19.5
4	UNKNOWN	7.863 MVS	32.4
5	UNKNOWN	0.401 MVS	45.1
6	UNKNOWN	1.325 MVS	240.2

NOTES

JOE BYRD, JR.
COOS BAY AN S
CB-004PZ 38.5-39.0

ANALYSIS #25 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 14:28
SAMPLE TIME: NOV 12,94 14:21

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

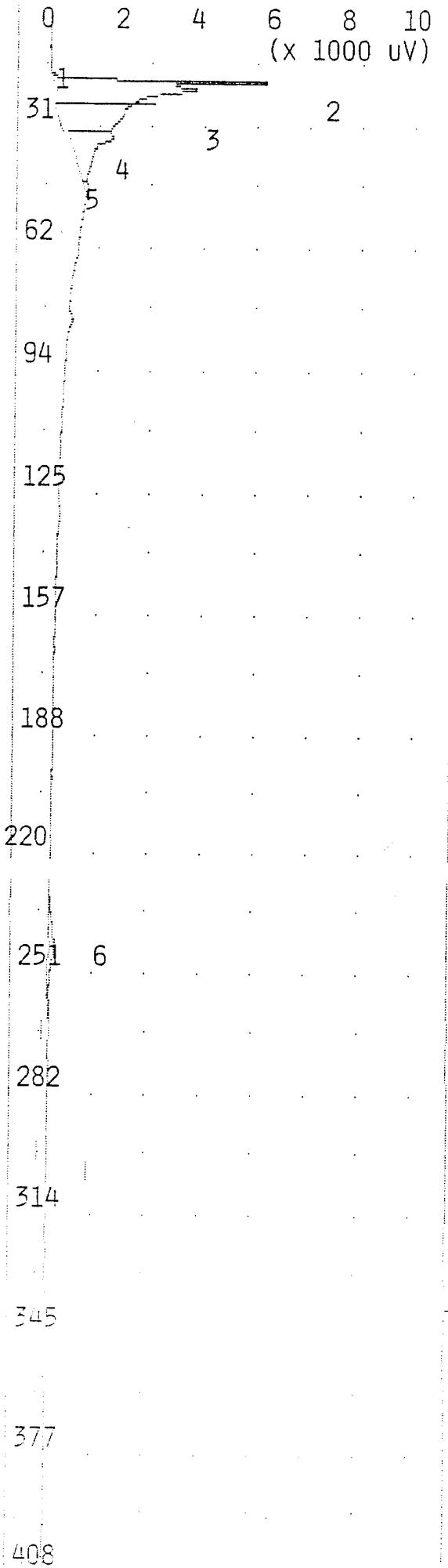
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.402 MVS	16.4
2	UNKNOWN	11.26 MVS	17.7
3	UNKNOWN	17.86 MVS	19.5
4	UNKNOWN	11.53 MVS	25.9
5	UNKNOWN	10.14 MVS	32.4
6	UNKNOWN	0.158 MVS	44.8
7	UNKNOWN	3.633 MVS	240.5

NOTES

JOE BYRD, JR.
COOS BAY ANS
CB-004PZ ~~3475~~-44.0
43.5

ANALYSIS #26 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 14:39
SAMPLE TIME: NOV 12,94 14:31

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

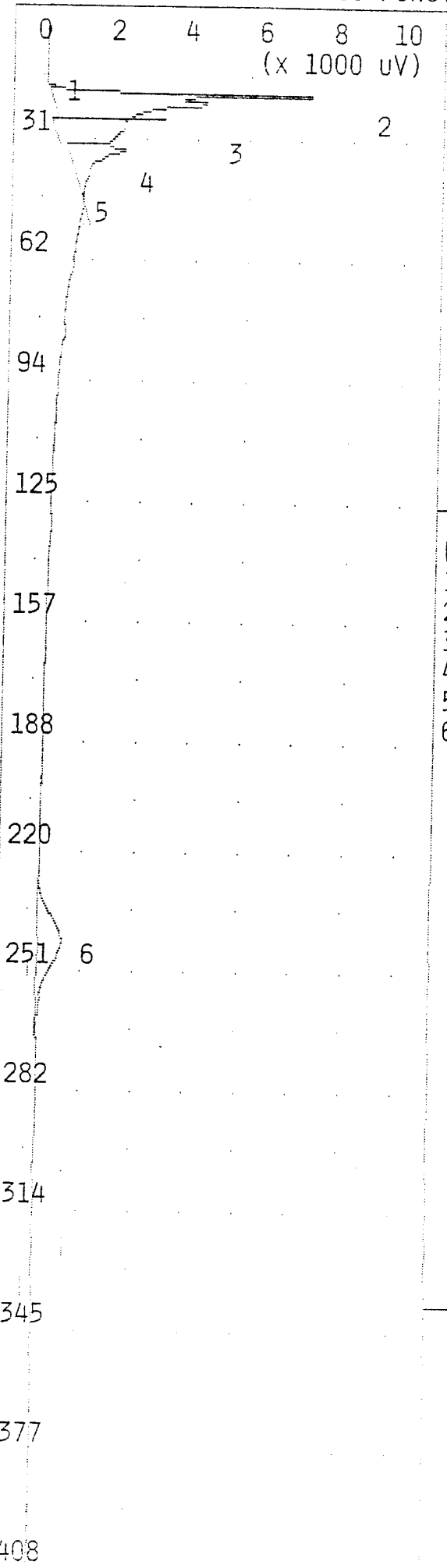
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.162 MVS	16.3
2	UNKNOWN	6.872 MVS	17.7
3	UNKNOWN	25.26 MVS	19.5
4	UNKNOWN	6.773 MVS	32.4
5	UNKNOWN	0.297 MVS	45.9
6	UNKNOWN	1.905 MVS	240.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-004PZ 48.5-49.0

ANALYSIS #27 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 14:49
SAMPLE TIME: Nov 12,94 14:41

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

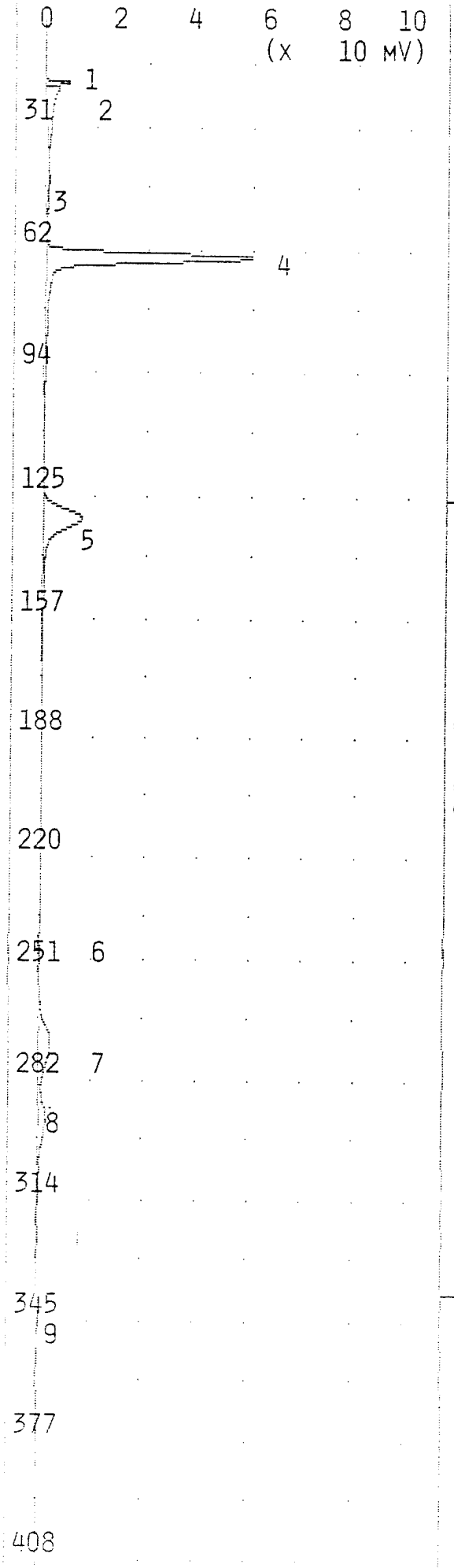
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.429 MVS	16.4
2	UNKNOWN	8.569 MVS	17.8
3	UNKNOWN	26.98 MVS	20.2
4	UNKNOWN	7.652 MVS	32.4
5	UNKNOWN	0.107 MVS	45.0
6	UNKNOWN	10.18 MVS	241.3

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-004PZ 58.5-59.0

ANALYSIS #28 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 14:59
SAMPLE TIME: Nov 12,94 14:52

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

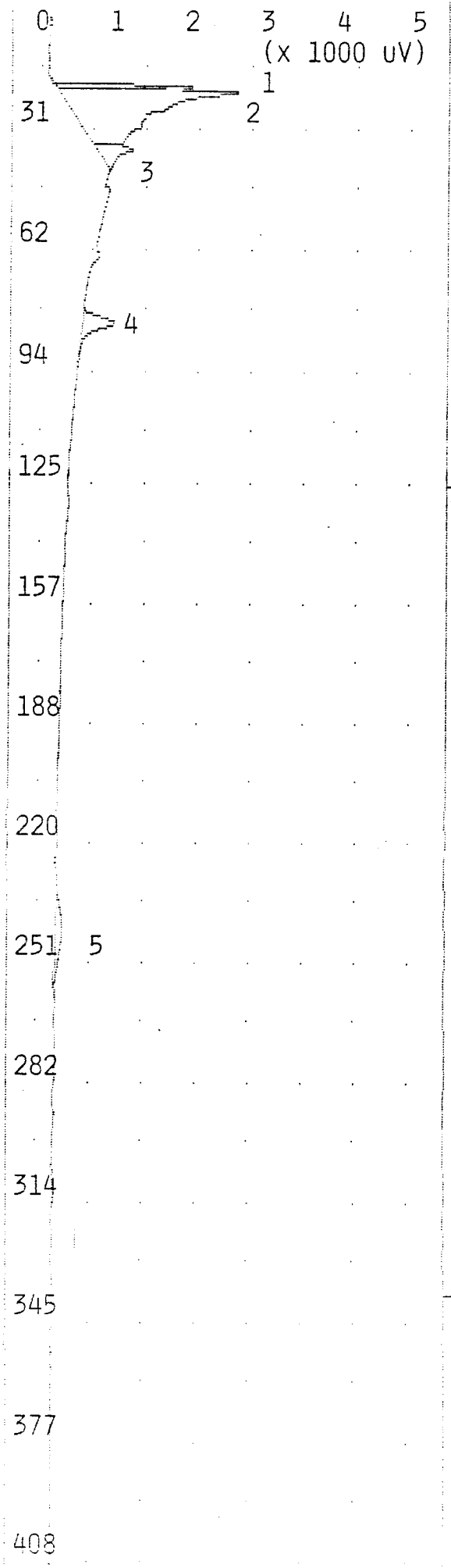
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	7.484	MVS	17.8
2	UNKNOWN	29.58	MVS	19.6
3	UNKNOWN	0.100	MVS	44.8
4	BENZENE	100.7	PPB	62.6
5	TOLUENE	105.5	PPB	129.3
6	UNKNOWN	3.033	MVS	241.8
7	ETHYLBENZENE	106.0	PPB	270.9
8	MP-XYLENE	218.1	PPB	291.4
9	O-XYLENE	108.5	PPB	342.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #29 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 12,94 15:09
SAMPLE TIME: Nov 12,94 15:02

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

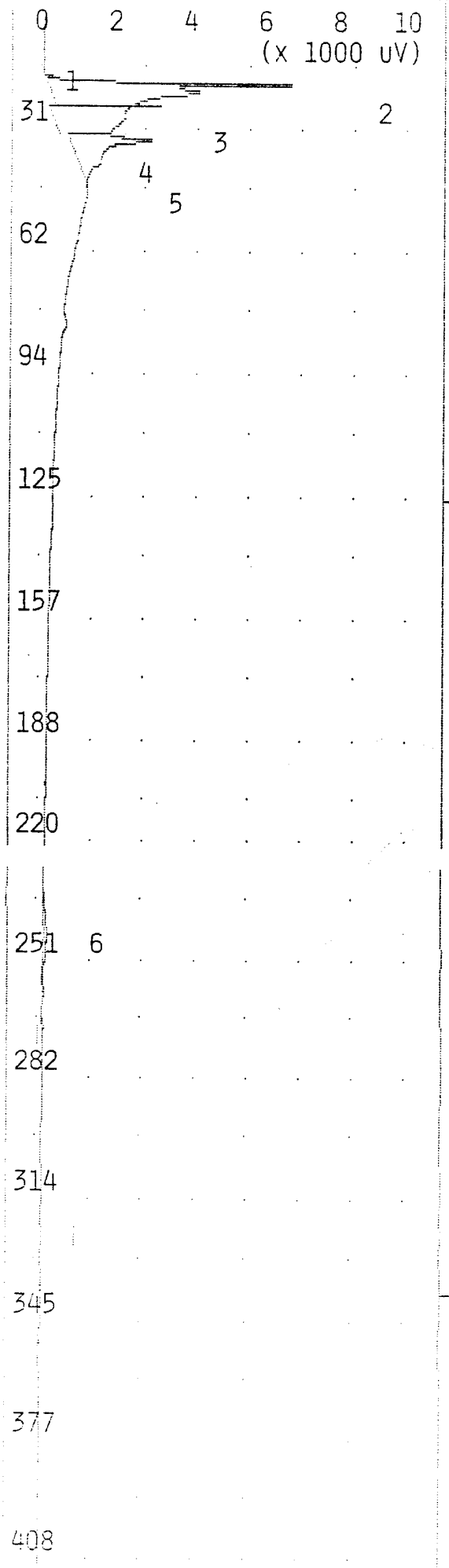
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.146 MVS	18.0
2	UNKNOWN	16.23 MVS	19.8
3	UNKNOWN	1.532 MVS	34.8
4	UNKNOWN	1.555 MVS	79.6
5	UNKNOWN	1.158 MVS	239.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
AIR BLANK

ANALYSIS #30 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 15:19
SAMPLE TIME: NOV 12,94 15:12

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

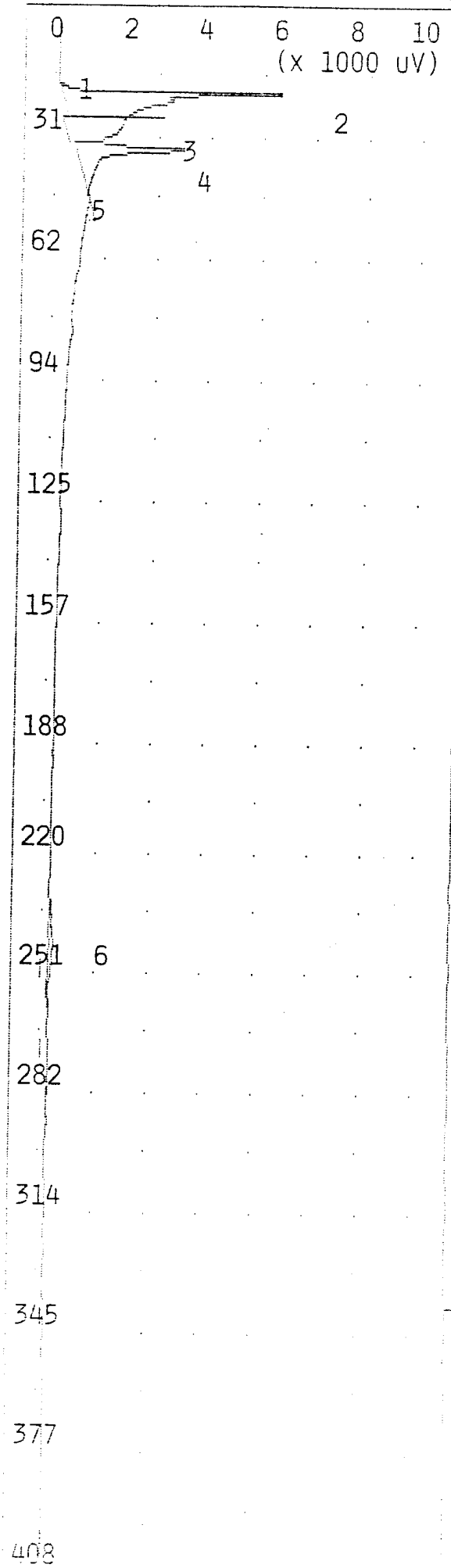
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	0.403	MVS	16.4
2	UNKNOWN	7.733	MVS	17.6
3	UNKNOWN	26.52	MVS	19.5
4	UNKNOWN	0.178	MVS	26.1
5	UNKNOWN	9.500	MVS	32.4
6	UNKNOWN	1.046	MVS	240.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-004PZ 63.5-64.0

ANALYSIS #31 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 15:30
SAMPLE TIME: NOV 12,94 15:22

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

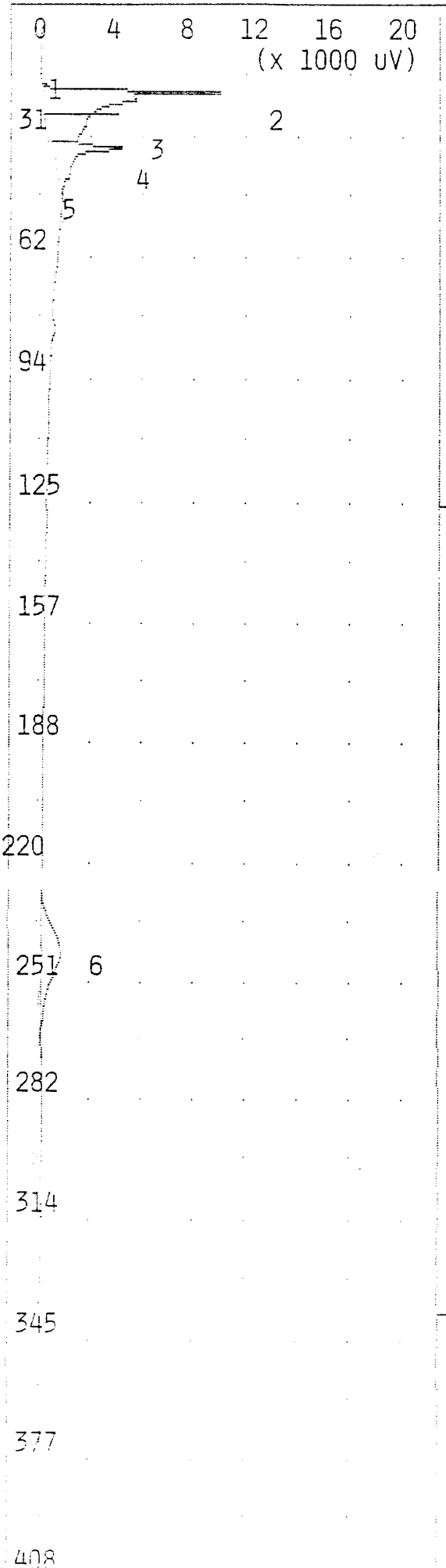
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.248 MVS	16.4
2	UNKNOWN	7.497 MVS	17.8
3	UNKNOWN	20.08 MVS	19.6
4	UNKNOWN	8.989 MVS	32.5
5	UNKNOWN	0.027 MVS	45.1
6	UNKNOWN	1.477 MVS	238.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-004PZ 68.5-69.0

ANALYSIS #32 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 15:40
SAMPLE TIME: NOV 12,94 15:32

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

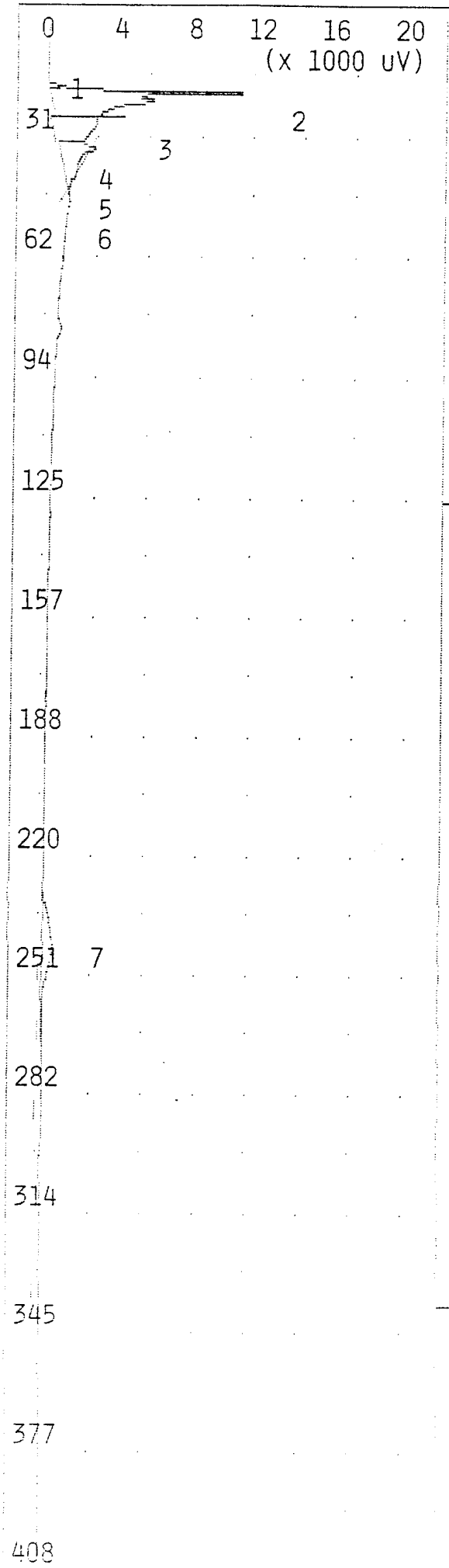
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.460 MVS	16.3
2	UNKNOWN	12.47 MVS	17.7
3	UNKNOWN	31.55 MVS	19.4
4	UNKNOWN	14.28 MVS	32.4
5	UNKNOWN	0.055 MVS	45.0
6	UNKNOWN	16.43 MVS	240.5

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-004PZ 73.5-74.0

ANALYSIS #33 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 12,94 15:50
SAMPLE TIME: NOV 12,94 15:43

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	31	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

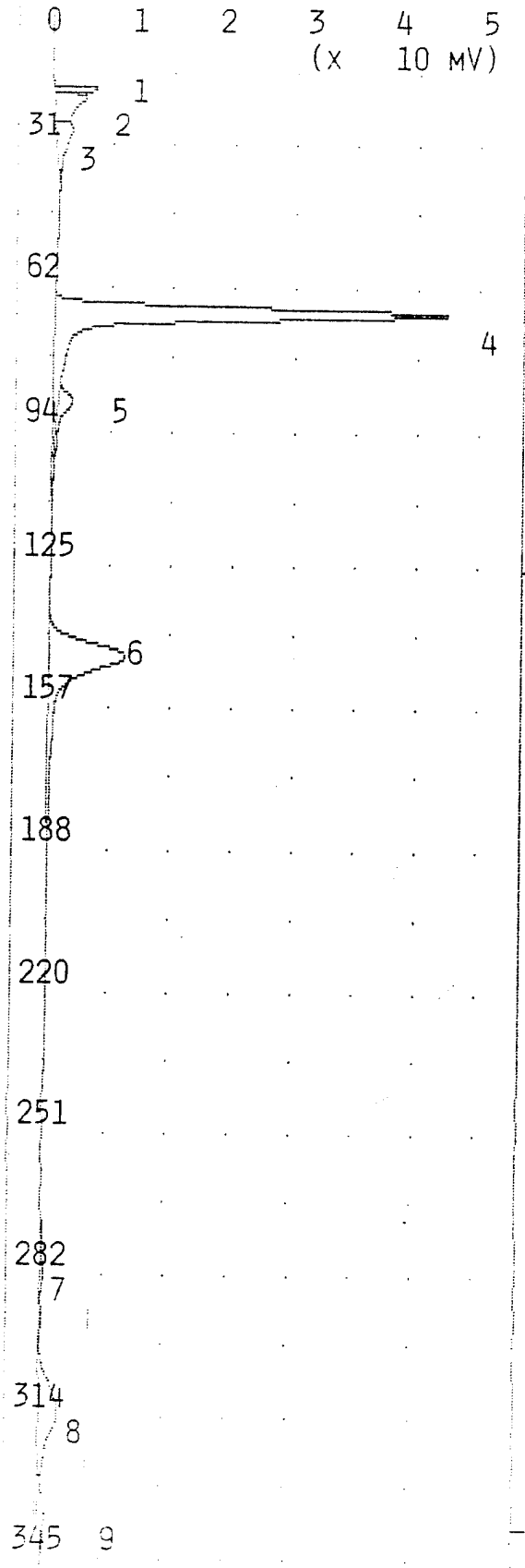
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	0.957 MVS	16.4
2	UNKNOWN	12.23 MVS	17.7
3	UNKNOWN	33.83 MVS	19.6
4	UNKNOWN	0.353 MVS	25.6
5	UNKNOWN	10.71 MVS	32.4
6	UNKNOWN	0.021 MVS	44.8
7	UNKNOWN	8.478 MVS	240.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
CB-004PZ 78.5-79.0

ANALYSIS #1 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 14,94 09:04
SAMPLE TIME: Nov 14,94 08:56

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	35	C
AMB TEMP	23	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

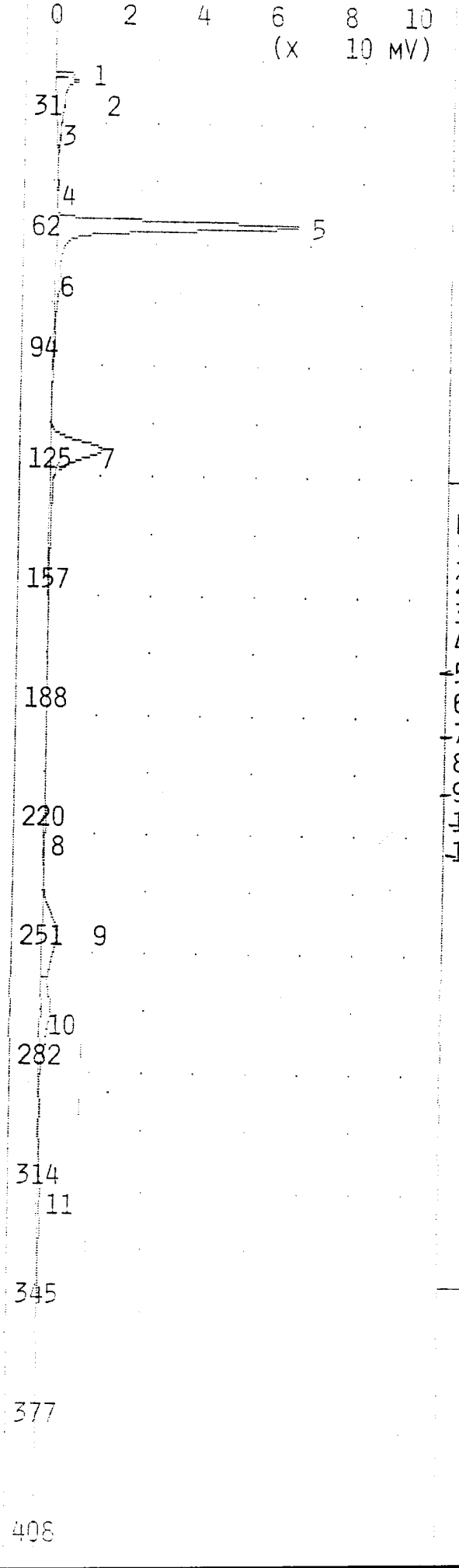
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	7.636	MVS	16.8
2	UNKNOWN	16.23	MVS	18.7
3	UNKNOWN	13.40	MVS	25.7
4	UNKNOWN	165.5	MVS	66.2
5	UNKNOWN	7.833	MVS	85.7
6	UNKNOWN	74.22	MVS	143.6
7	UNKNOWN	3.225	MVS	281.3
8	UNKNOWN	30.39	MVS	310.4
9	UNKNOWN	12.79	MVS	334.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #2 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 14,94 09:18
SAMPLE TIME: Nov 14,94 09:11

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	24	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

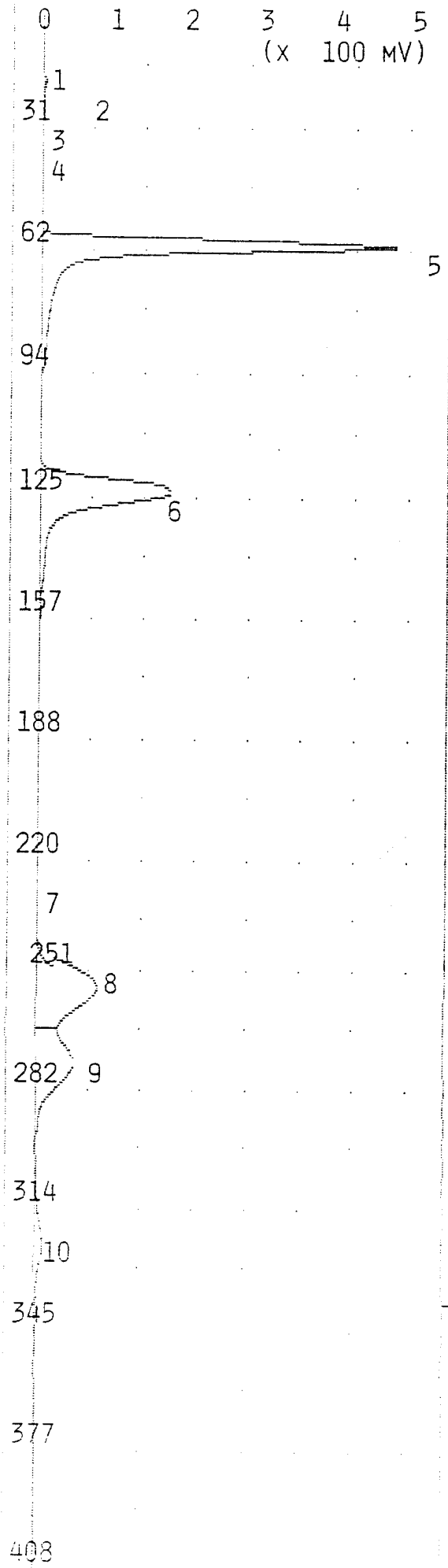
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.033 MVS	16.8
2	UNKNOWN	43.45 MVS	18.4
3	UNKNOWN	0.895 MVS	24.0
4	UNKNOWN	0.100 MVS	45.2
5	UNKNOWN	215.6 MVS	56.0
6	UNKNOWN	3.079 MVS	70.5
7	UNKNOWN	96.80 MVS	114.4
8	UNKNOWN	5.479 MVS	214.8
9	UNKNOWN	58.39 MVS	244.8
10	UNKNOWN	46.90 MVS	264.2
11	UNKNOWN	13.71 MVS	316.5

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 14,94 09:36
SAMPLE TIME: Nov 14,94 09:29

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	25	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

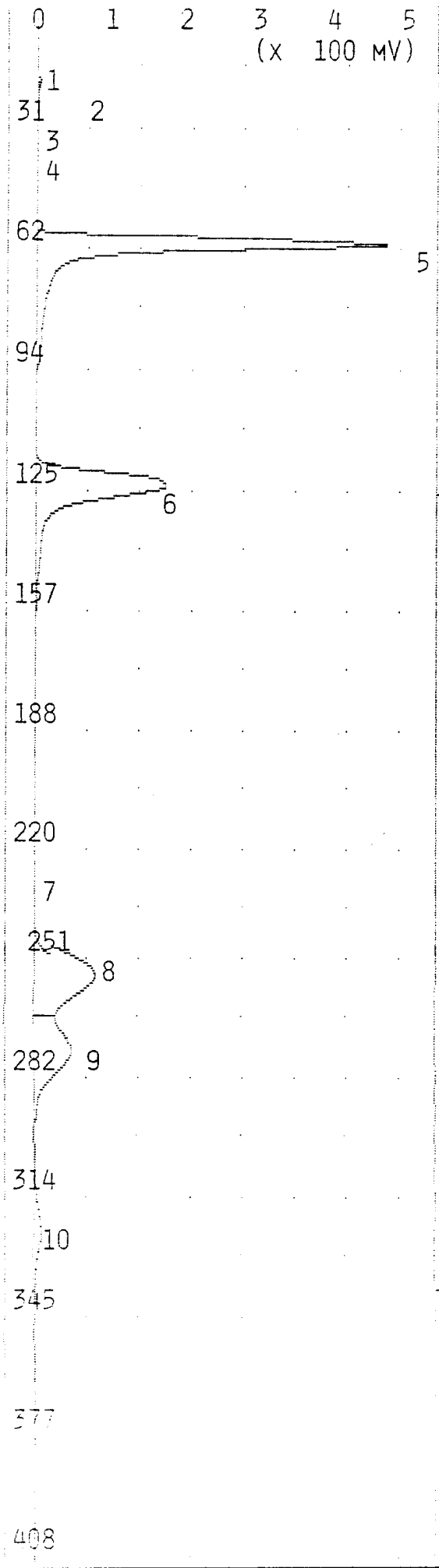
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	7.610	MVS	16.8
2	UNKNOWN	14.28	MVS	18.5
3	UNKNOWN	8.842	MVS	24.8
4	UNKNOWN	2.546	MVS	32.8
5	BENZENE	988.1	PPB	59.8
6	TOLUENE	1.563	PPM	122.1
7	UNKNOWN	2.511	MVS	225.4
8	ETHYLBENZENE	1.972	PPM	253.6
9	MP-XYLENE	3.231	PPM	273.3
10	O-XYLENE	1.482	PPM	322.1

NOTES

JOE BYRD, JR.
COOS BAY ANGS
1 PPM BTEX

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 14,94 09:43
SAMPLE TIME: Nov 14,94 09:29

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	25	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

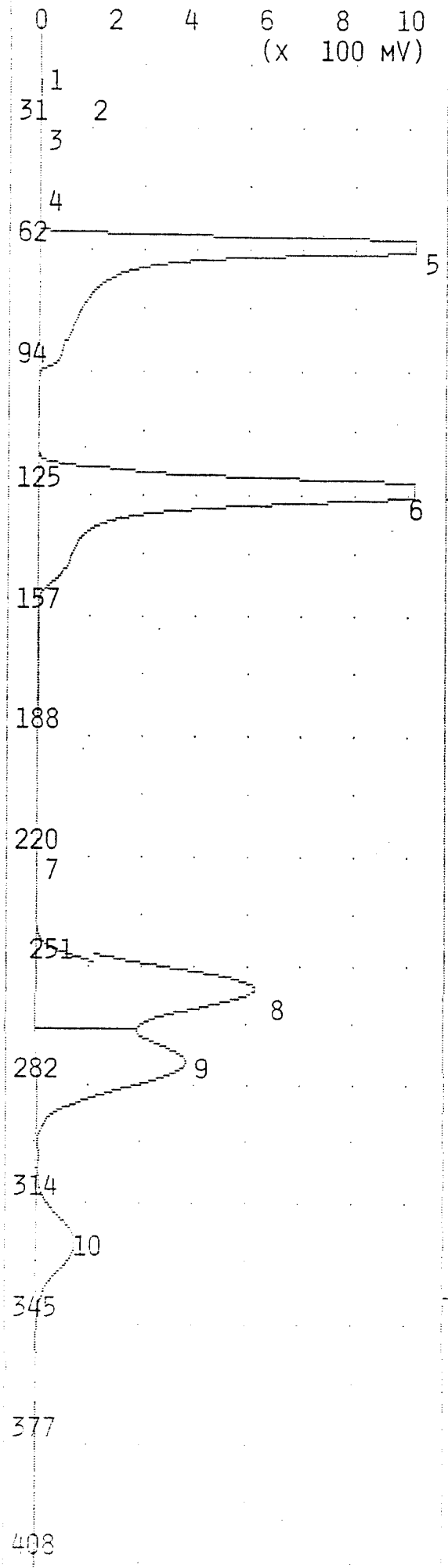
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.610 MVS	16.8
2	UNKNOWN	14.28 MVS	18.5
3	UNKNOWN	8.842 MVS	24.8
4	UNKNOWN	2.546 MVS	32.8
5	BENZENE	1.000 PPM	59.8
6	TOLUENE	1.000 PPM	122.1
7	UNKNOWN	2.511 MVS	225.4
8	ETHYLBENZENE	1.000 PPM	253.6
9	MP-XYLENE	2.006 PPM	273.3
10	O-XYLENE	1.085 PPM	322.1

NOTES

JOE BYRD, JR.
COOS BAY ANGS
1 PPM BTEX

ANALYSIS #4 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 14,94 09:54
SAMPLE TIME: Nov 14,94 09:47

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

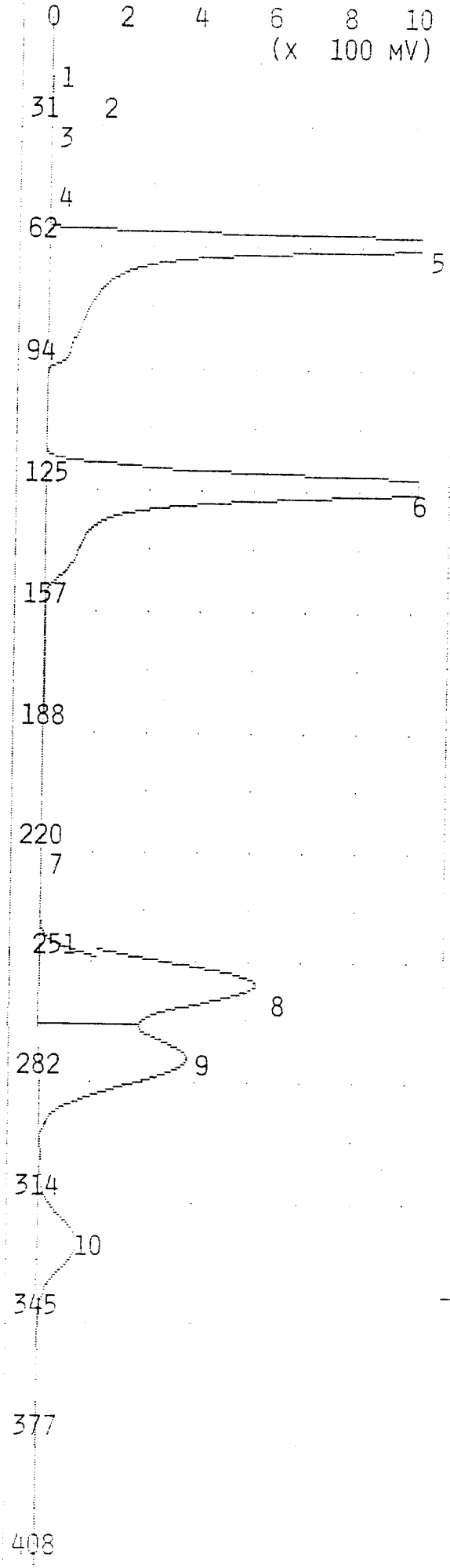
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.180	MVS	16.8
2	UNKNOWN	40.95	MVS	18.4
3	UNKNOWN	0.442	MVS	32.6
4	UNKNOWN	0.069	MVS	44.8
5	BENZENE	6.276	PPM	59.8
6	TOLUENE	8.029	PPM	122.4
7	UNKNOWN	5.559	MVS	221.4
8	ETHYLBENZENE	7.365	PPM	255.2
9	MP-XYLENE	16.43	PPM	274.4
10	O-XYLENE	9.238	PPM	322.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 PPM BTEX

ANALYSIS #4 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 10:00
SAMPLE TIME: NOV 14,94 09:47

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

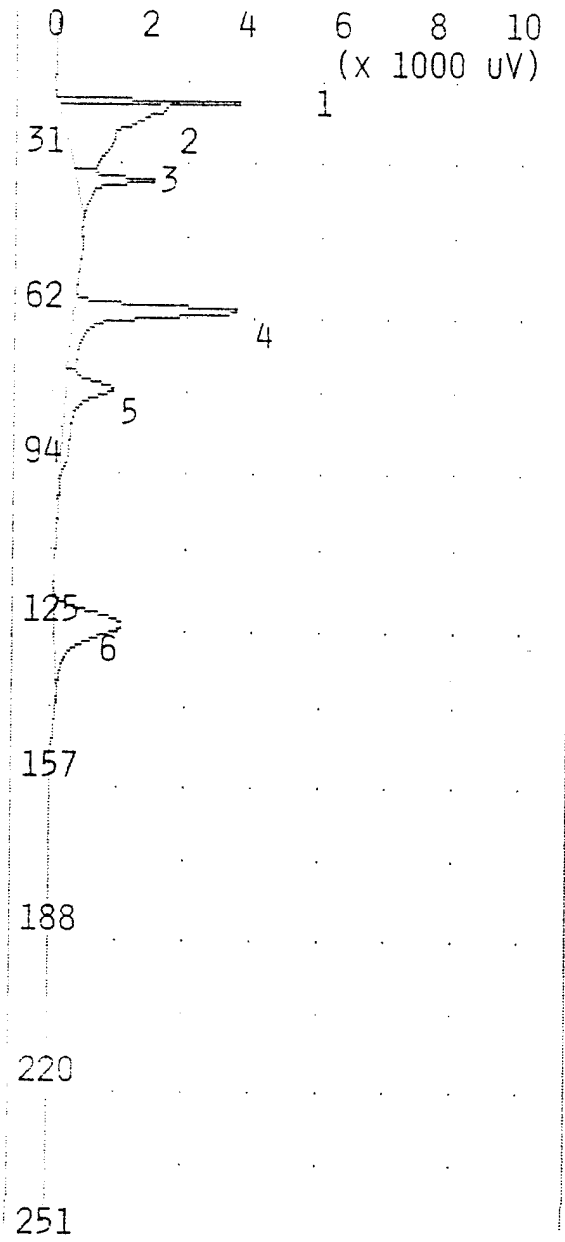
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.180	MVS	16.8
2	UNKNOWN	40.95	MVS	18.4
3	UNKNOWN	0.442	MVS	32.6
4	UNKNOWN	0.069	MVS	44.8
5	BENZENE	10.00	PPM	59.8
6	TOLUENE	10.00	PPM	122.4
7	UNKNOWN	5.559	MVS	221.4
8	ETHYLBENZENE	10.00	PPM	255.2
9	MP-XYLENE	20.00	PPM	274.4
10	O-XYLENE	10.01	PPM	322.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 PPM BTEX

ANALYSIS #5 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 10:10
SAMPLE TIME: NOV 14,94 10:03

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	4.892	MVS	17.0
2	UNKNOWN	15.11	MVS	18.7
3	UNKNOWN	4.273	MVS	32.8
4	BENZENE	5.437	PPB	59.4
5	UNKNOWN	5.866	MVS	75.3
6	TOLUENE	10.05	PPB	122.1
7	ETHYLBENZENE	20.92	PPB	256.2
8	MP-XYLENE	44.67	PPB	275.4
9	O-XYLENE	15.59	PPB	325.3

7

282 8

314

9

345

377

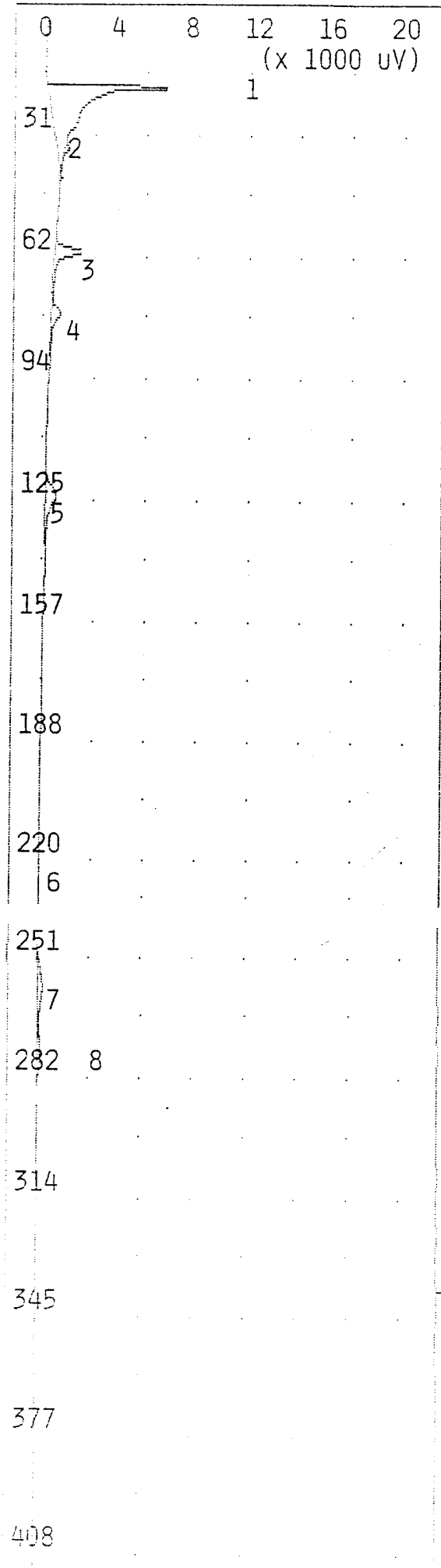
408

440

NOTES

JOE BYRD, JR.
COOS BAY ANGS
AIR BLANK

ANALYSIS #6 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 10:22
SAMPLE TIME: NOV 14,94 10:15

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

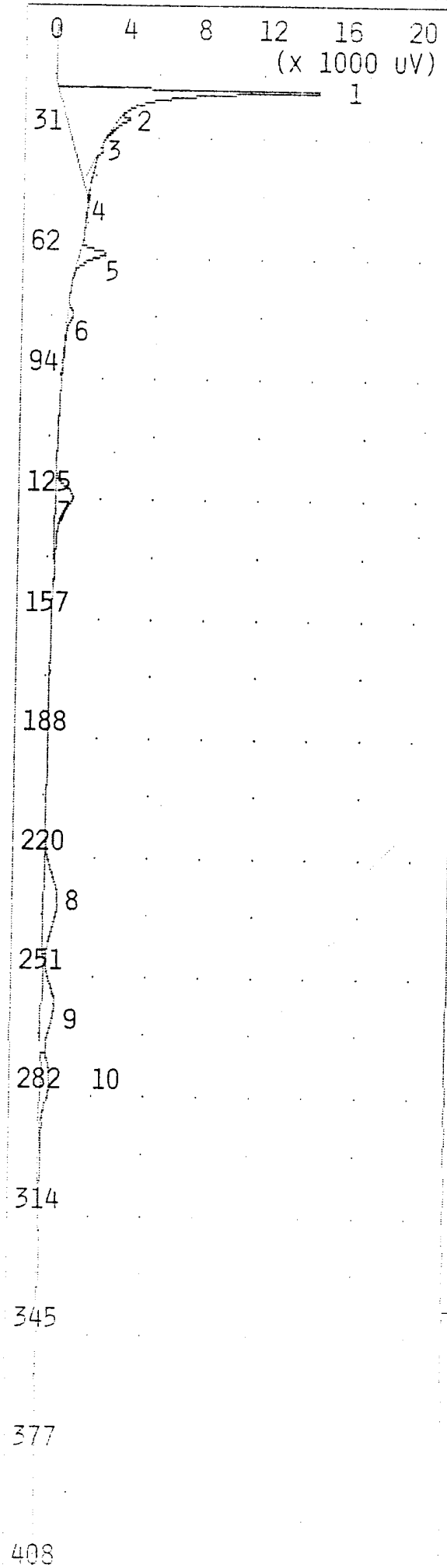
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	34.10	MVS	16.8
2	UNKNOWN	0.339	MVS	32.9
3	BENZENE	2.033	PPB	59.4
4	UNKNOWN	1.957	MVS	75.6
5	TOLUENE	3.808	PPB	122.4
6	UNKNOWN	0.659	MVS	225.0
7	ETHYLBENZENE	8.095	PPB	256.2
8	MP-XYLENE	13.49	PPB	275.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-00~~4~~ 1.0- 1.5
2 33

ANALYSIS #7 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 10:33
SAMPLE TIME: NOV 14,94 10:25

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

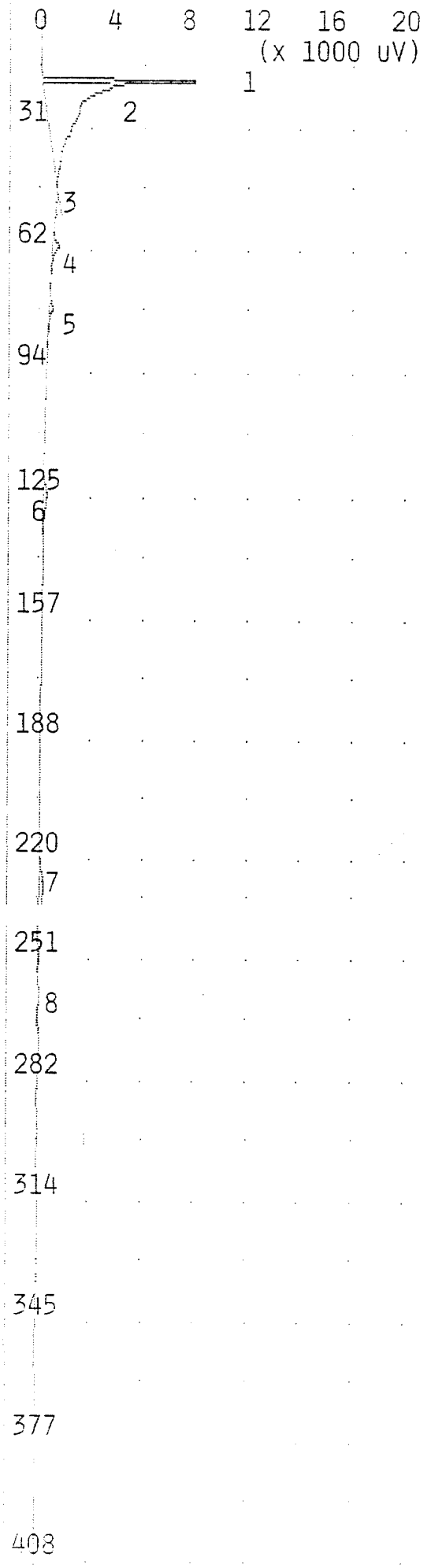
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	72.72	MVS	17.2
2	UNKNOWN	1.314	MVS	24.6
3	UNKNOWN	0.233	MVS	32.7
4	UNKNOWN	0.073	MVS	44.9
5	BENZENE	1.972	PPB	59.6
6	UNKNOWN	1.050	MVS	75.4
7	TOLUENE	7.215	PPB	123.4
8	UNKNOWN	11.93	MVS	229.4
9	ETHYLBENZENE	17.93	PPB	257.3
10	MP-XYLENE	26.75	PPB	276.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-004 8.5- 9.5
253

ANALYSIS #8 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 14,94 10:43
SAMPLE TIME: Nov 14,94 10:36

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

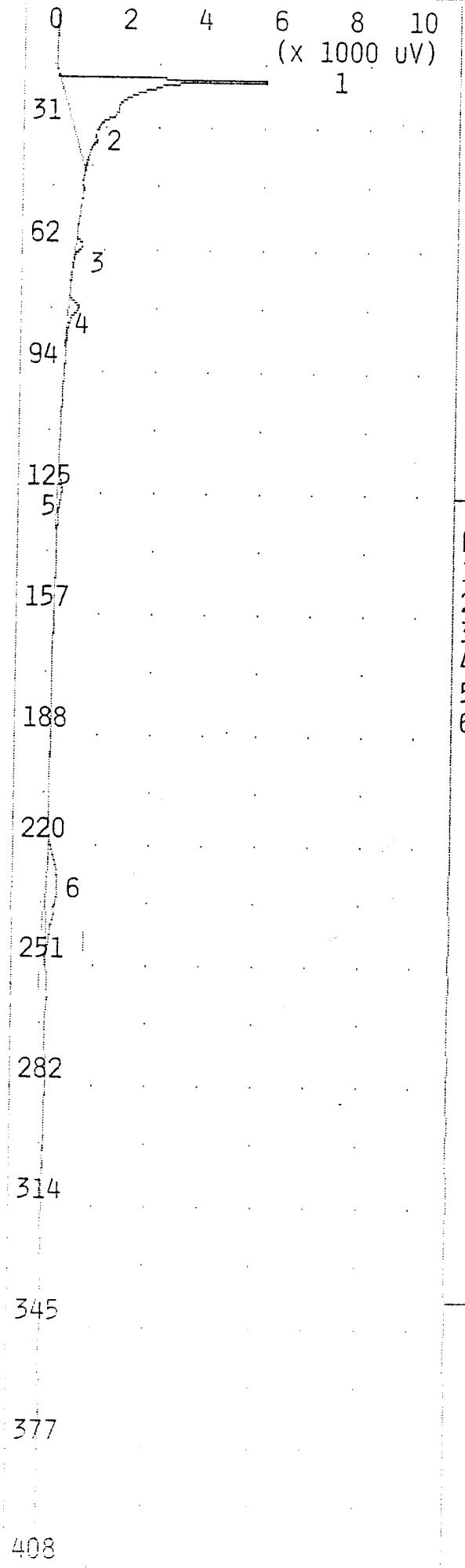
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	10.88 MVS	17.0
2	UNKNOWN	31.62 MVS	18.7
3	UNKNOWN	0.122 MVS	45.1
4	BENZENE	0.466 PPB	59.6
5	UNKNOWN	0.620 MVS	75.6
6	TOLUENE	1.147 PPB	122.8
7	UNKNOWN	3.521 MVS	227.8
8	ETHYLBENZENE	0.749 PPB	257.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-002 13.5-14.5

ANALYSIS #9 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 14,94 10:55
SAMPLE TIME: Nov 14,94 10:47

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

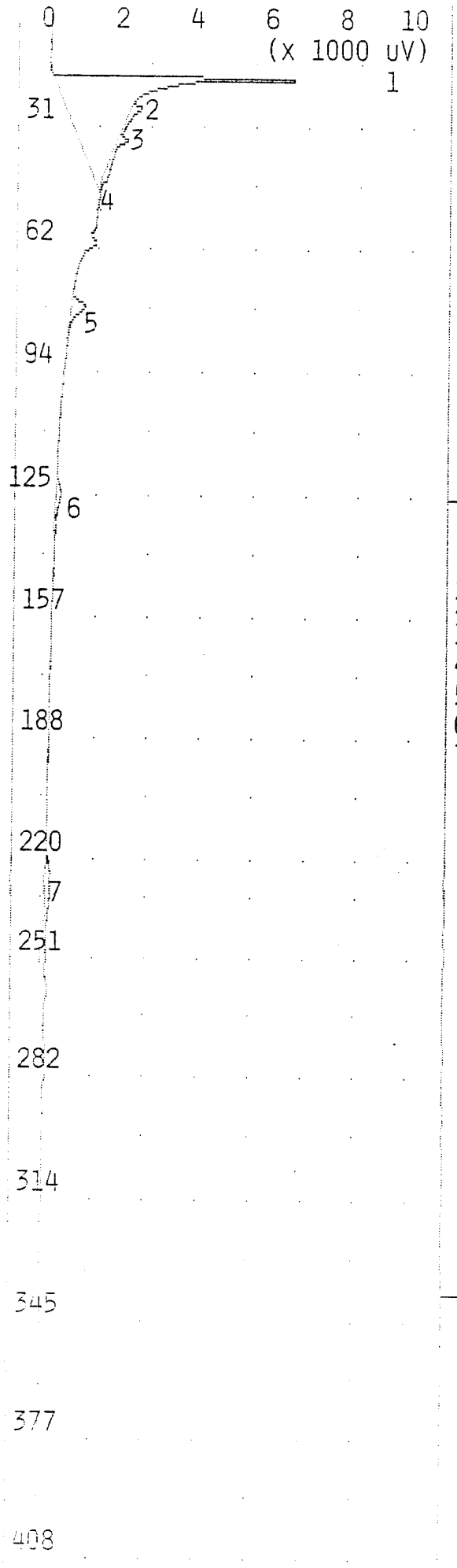
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	28.86 MVS	17.0
2	UNKNOWN	0.116 MVS	33.0
3	BENZENE	0.257 PPB	59.7
4	UNKNOWN	1.024 MVS	75.6
5	TOLUENE	0.668 PPB	123.0
6	UNKNOWN	4.480 MVS	229.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-002 18.5-19.5

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 11:05
SAMPLE TIME: NOV 14,94 10:58

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

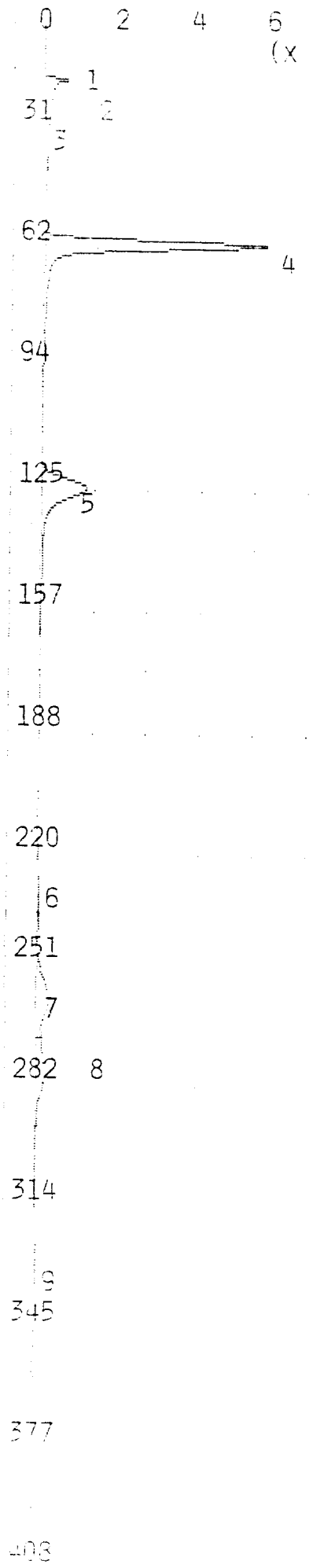
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	43.78	MVS	17.0
2	UNKNOWN	0.968	MVS	24.8
3	UNKNOWN	1.274	MVS	32.9
4	UNKNOWN	0.041	MVS	45.1
5	UNKNOWN	1.330	MVS	75.8
6	TOLUENE	0.820	PPB	122.8
7	UNKNOWN	1.917	MVS	227.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-002 8.5- 9.5

ANALYSIS #11 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 14,94 11:17
SAMPLE TIME: Nov 14,94 11:09

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

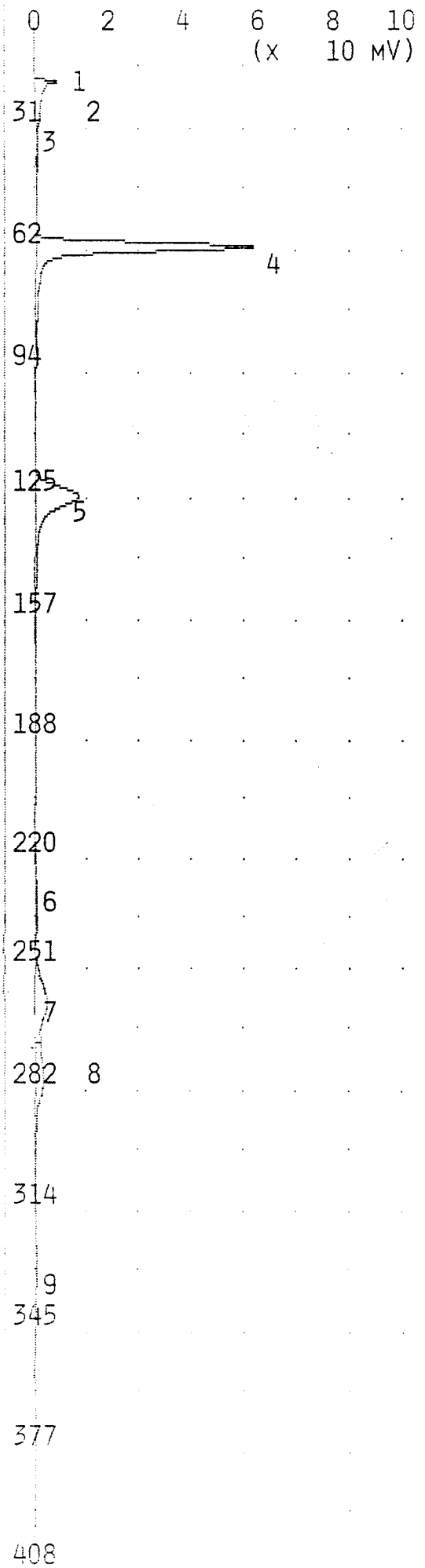
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	29.53	MVS	17.0
2	UNKNOWN	0.563	MVS	25.0
3	UNKNOWN	0.131	MVS	33.0
4	BENZENE	85.57	PPB	59.8
5	TOLUENE	87.00	PPB	123.2
6	UNKNOWN	7.222	MVS	228.8
7	ETHYLBENZENE	78.12	PPB	257.8
8	MP-XYLENE	151.5	PPB	277.0
9	O-XYLENE	54.25	PPB	326.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
~~CB 002 3.5 3.5~~
100 PPB BTEX JJ

ANALYSIS #11 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 11:22
SAMPLE TIME: NOV 14,94 11:09

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

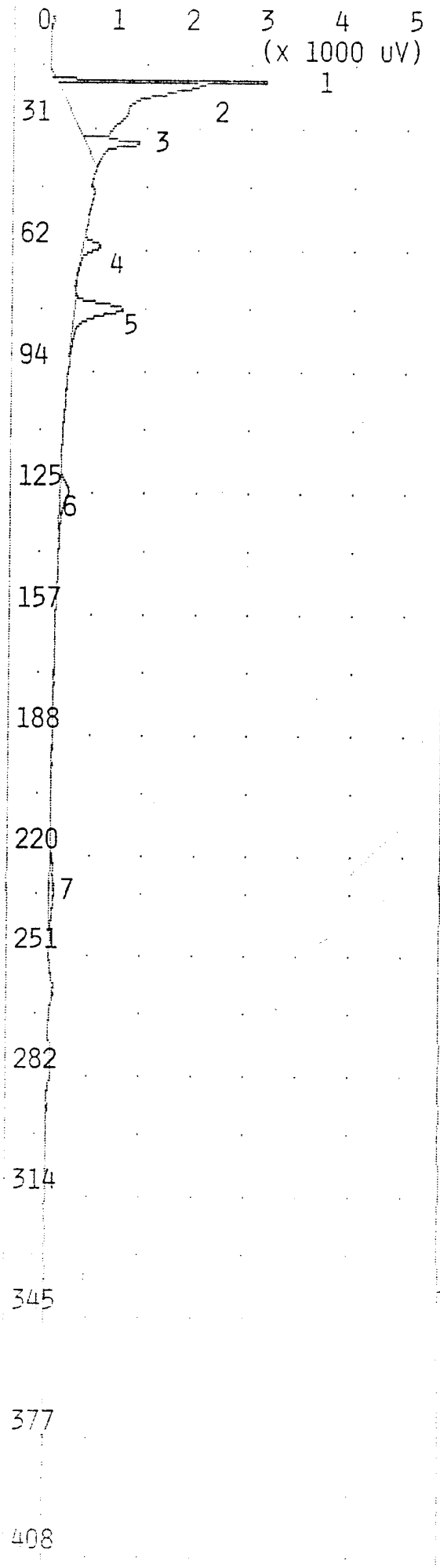
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	29.53	MVS	17.0
2	UNKNOWN	0.563	MVS	25.0
3	UNKNOWN	0.131	MVS	33.0
4	BENZENE	100.0	PPB	59.8
5	TOLUENE	100.0	PPB	123.2
6	UNKNOWN	7.222	MVS	228.8
7	ETHYLBENZENE	100.0	PPB	257.8
8	MP-XYLENE	200.0	PPB	277.0
9	O-XYLENE	100.0	PPB	326.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #12 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 11:33
SAMPLE TIME: NOV 14,94 11:25

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

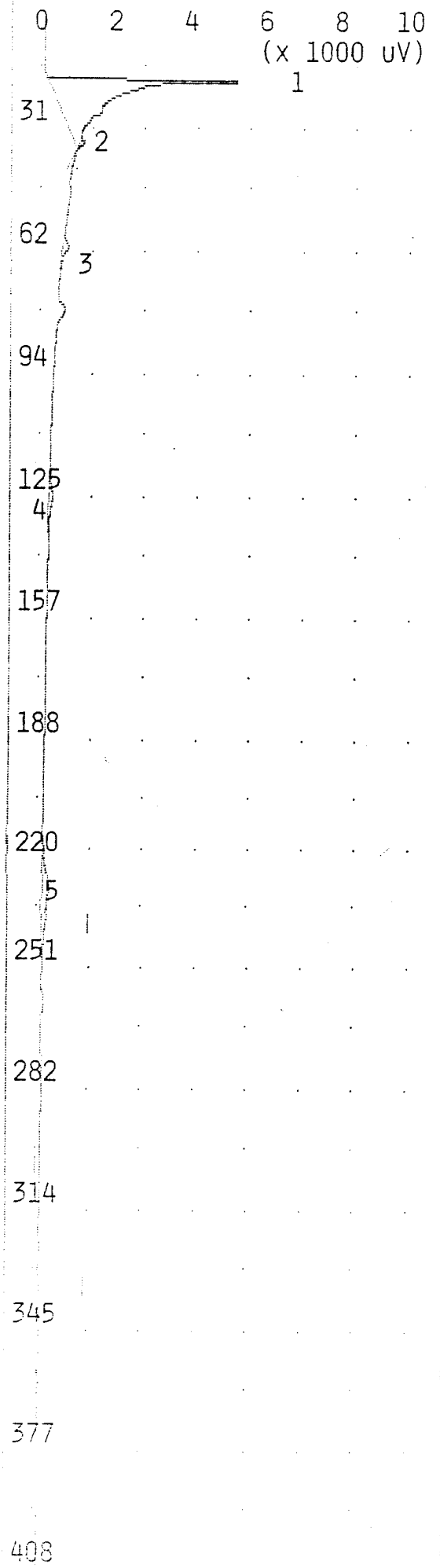
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	3.217	MVS	17.1
2	UNKNOWN	12.24	MVS	18.7
3	UNKNOWN	2.195	MVS	33.2
4	BENZENE	0.384	PPB	59.6
5	UNKNOWN	2.600	MVS	75.8
6	TOLUENE	0.775	PPB	122.9
7	UNKNOWN	0.821	MVS	229.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
AIR BLANK

ANALYSIS #13 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 11:43
SAMPLE TIME: NOV 14,94 11:35

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

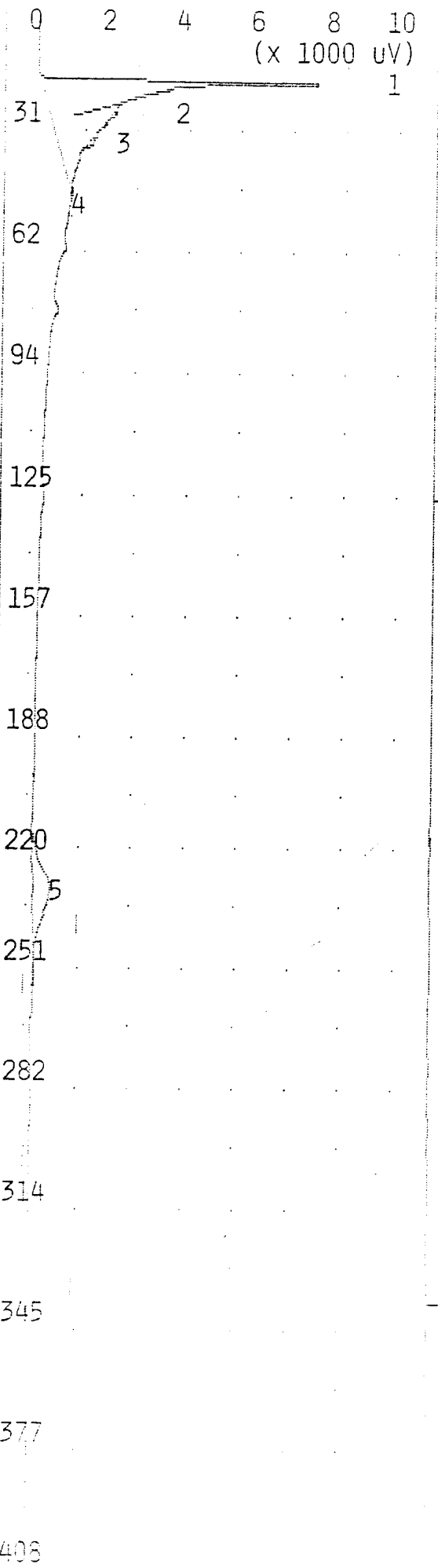
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	22.60	MVS	17.0
2	UNKNOWN	0.164	MVS	33.0
3	BENZENE	0.245	PPB	59.6
4	TOLUENE	0.669	PPB	123.7
5	UNKNOWN	2.404	MVS	229.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-002PZ 23.5-24.5

ANALYSIS #14 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 14,94 11:56
SAMPLE TIME: Nov 14,94 11:48

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

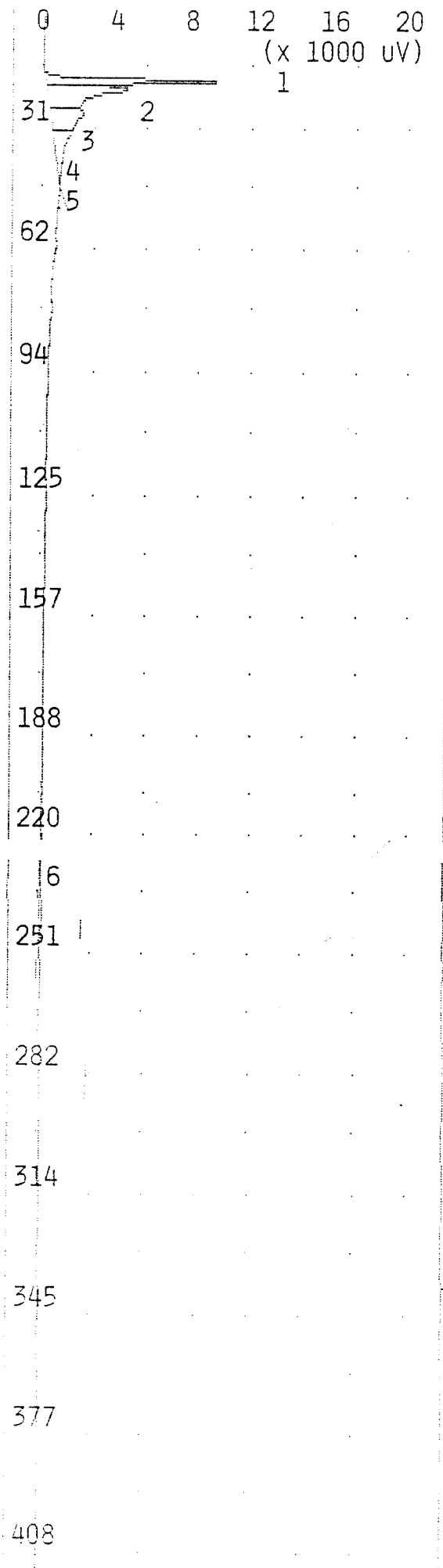
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	41.34 MVS	17.0
2	UNKNOWN	0.198 MVS	19.4
3	UNKNOWN	0.697 MVS	25.2
4	UNKNOWN	0.047 MVS	45.5
5	UNKNOWN	7.576 MVS	229.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-002PZ ~~23.5-24.5~~ B
28.5-29.5

ANALYSIS #15 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 12:06
SAMPLE TIME: NOV 14,94 11:59

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

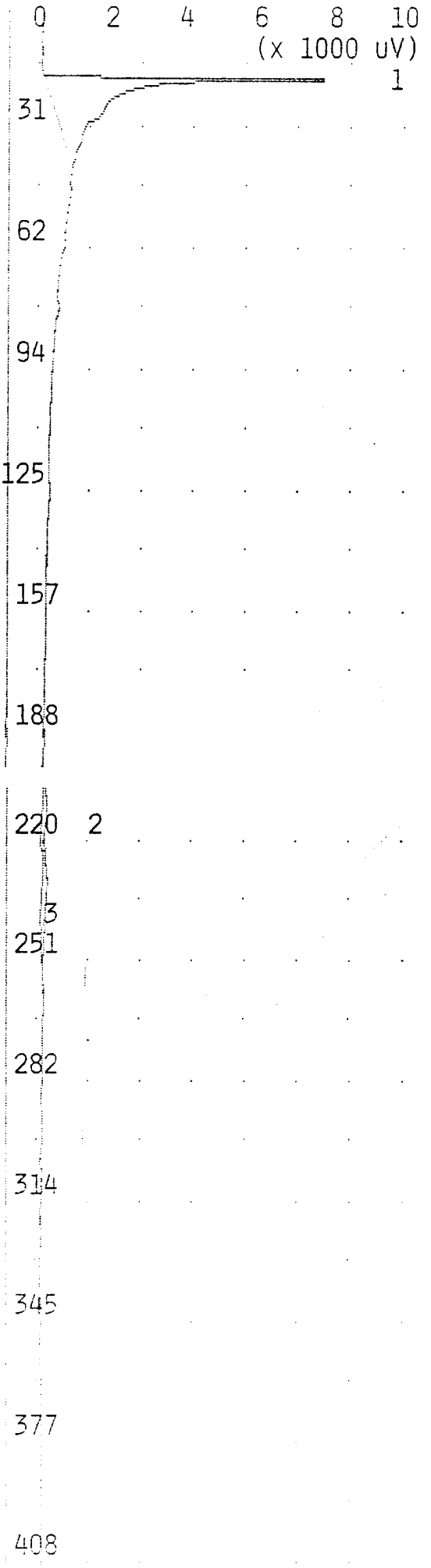
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	14.64 MVS	17.0
2	UNKNOWN	15.26 MVS	19.4
3	UNKNOWN	8.701 MVS	25.5
4	UNKNOWN	5.391 MVS	31.1
5	UNKNOWN	0.029 MVS	45.0
6	UNKNOWN	1.015 MVS	229.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-002PZ 33.5-34.0

ANALYSIS #16 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 12:37
SAMPLE TIME: NOV 14,94 12:30

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

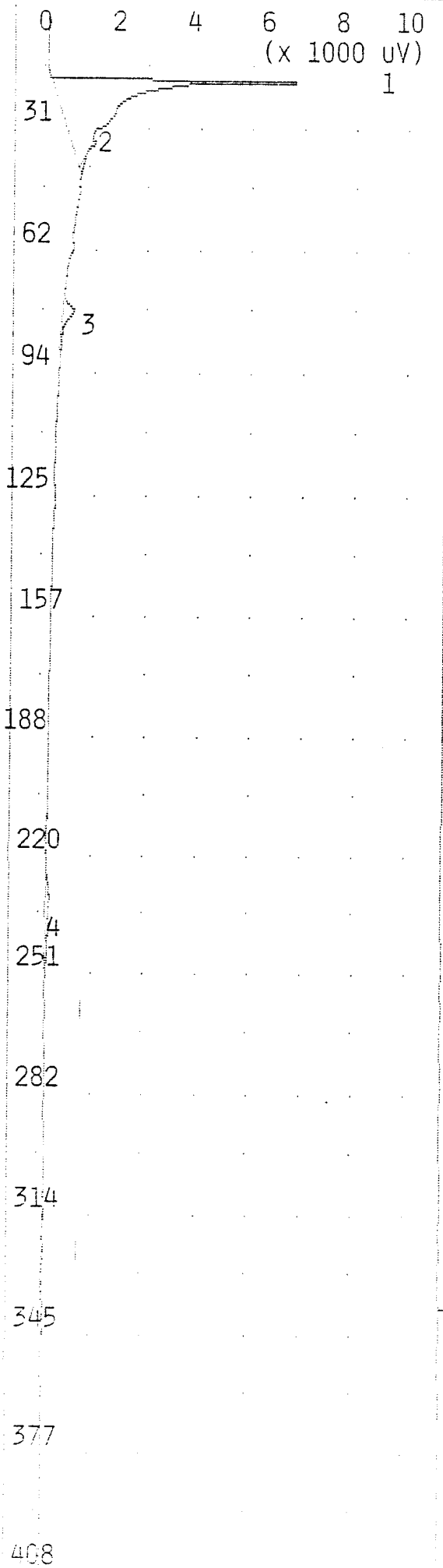
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	30.52	MVS	17.1
2	UNKNOWN	1.155	MVS	209.8
3	UNKNOWN	2.043	MVS	232.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-001PZ 1.0- 2.5

ANALYSIS #17 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 12:47
SAMPLE TIME: NOV 14,94 12:40

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

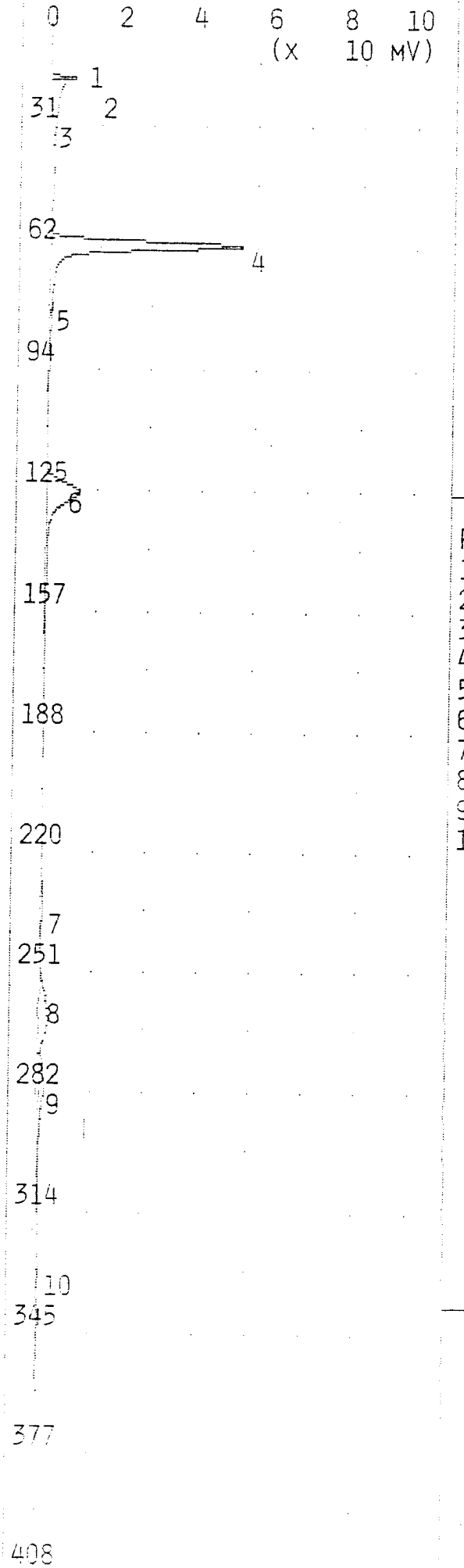
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	32.75 MVS	17.0
2	UNKNOWN	0.164 MVS	33.2
3	UNKNOWN	1.194 MVS	76.2
4	ETHYLBENZENE	2.645 PPB	232.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-001PZ 8.5-10.0

ANALYSIS #18 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 12:57
SAMPLE TIME: NOV 14,94 12:50

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

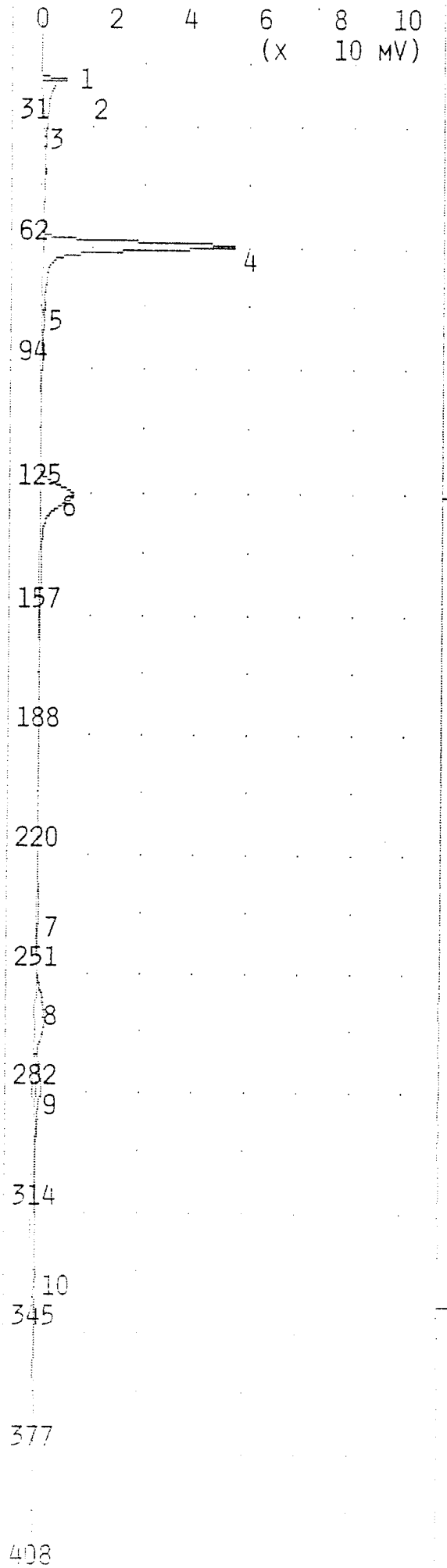
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	7.576	MVS	17.1
2	UNKNOWN	24.79	MVS	18.7
3	UNKNOWN	3.175	MVS	33.2
4	BENZENE	87.17	PPB	60.3
5	UNKNOWN	0.326	MVS	76.2
6	TOLUENE	78.01	PPB	124.2
7	UNKNOWN	6.184	MVS	231.6
8	ETHYLBENZENE	72.26	PPB	260.0
9	MP-XYLENE	127.0	PPB	279.7
10	O-XYLENE	69.95	PPB	330.1

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #18 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 13:02
SAMPLE TIME: NOV 14,94 12:50

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

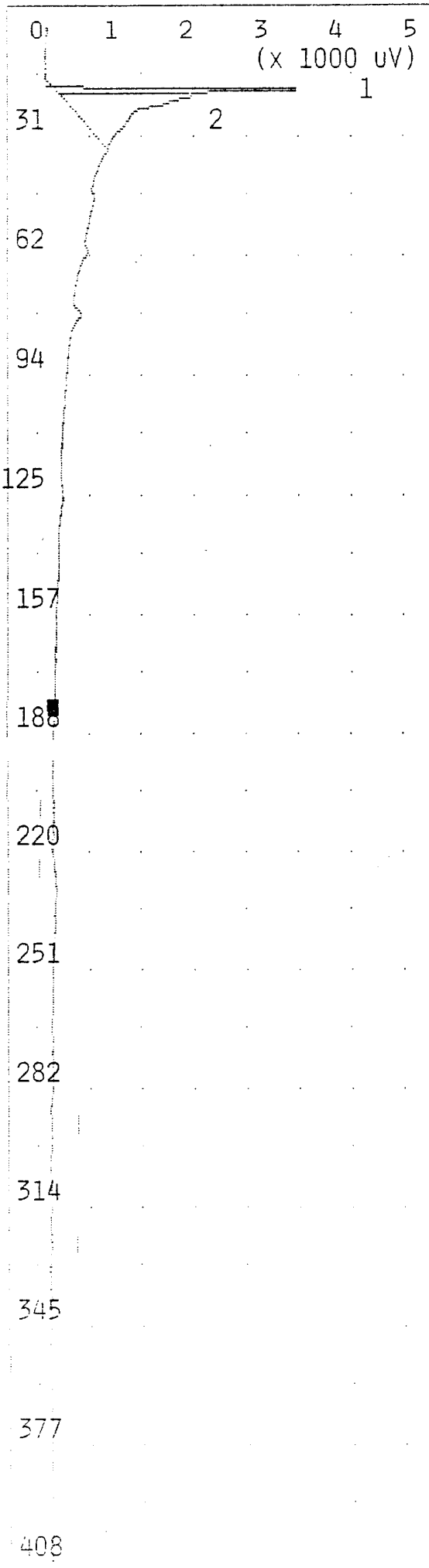
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	7.576	MVS	17.1
2	UNKNOWN	24.79	MVS	18.7
3	UNKNOWN	3.175	MVS	33.2
4	BENZENE	100.0	PPB	60.3
5	UNKNOWN	0.326	MVS	76.2
6	TOLUENE	100.0	PPB	124.2
7	UNKNOWN	6.184	MVS	231.6
8	ETHYLBENZENE	100.0	PPB	260.0
9	MP-XYLENE	200.0	PPB	279.7
10	O-XYLENE	99.99	PPB	330.1

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #19 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 14,94 13:12
SAMPLE TIME: Nov 14,94 13:05

METHOD

SLOPE UP	0.500	mV/SEC
SLOPE DOWN	1.500	mV/SEC
MIN AREA	0.000	mVSEC
MIN HEIGHT	0.000	mV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

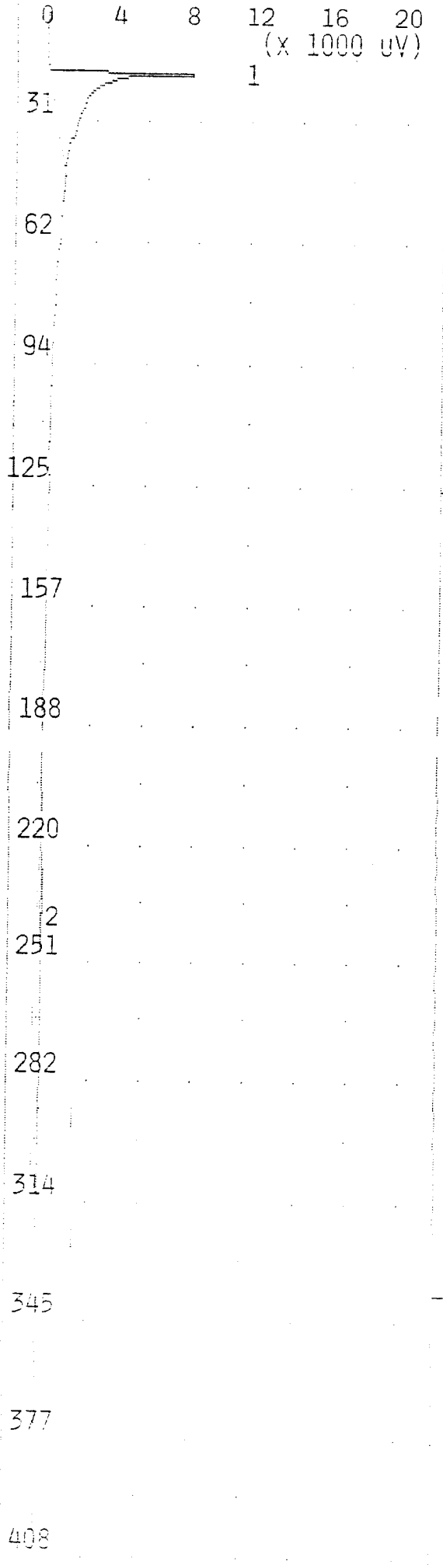
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.856 mVS	17.1
2	UNKNOWN	10.13 mVS	18.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
AIR BLANK

ANALYSIS #20 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 14,94 13:23
SAMPLE TIME: Nov 14,94 13:15

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

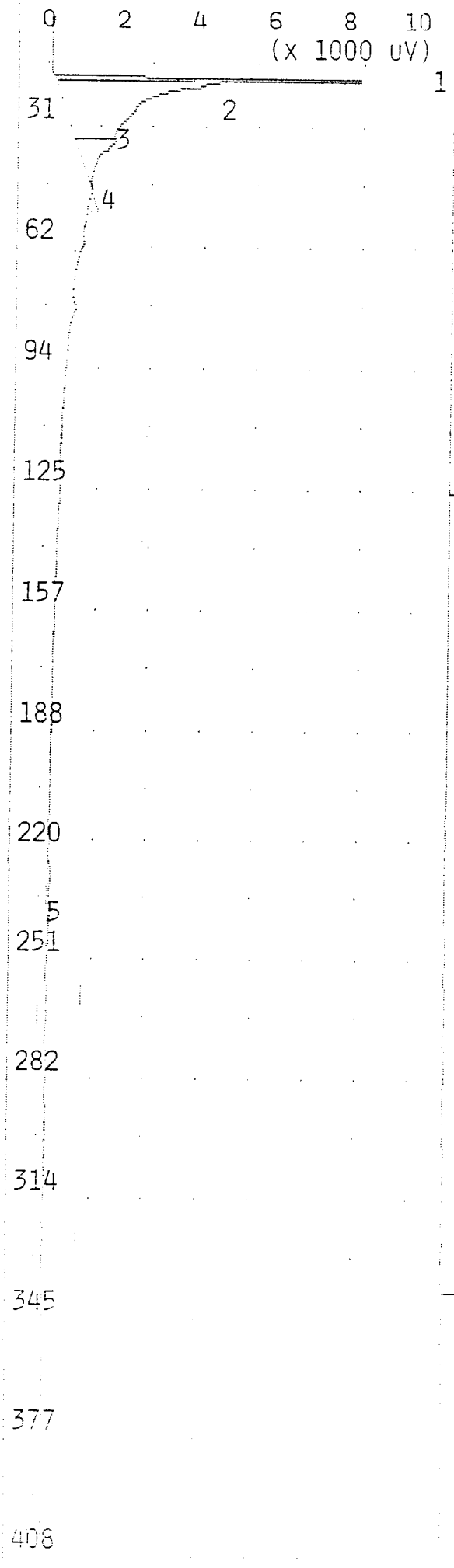
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	41.11 MVS	17.0
2	UNKNOWN	0.819 MVS	231.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-001PZ 13.5-15.0

ANALYSIS #21 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 13:33
SAMPLE TIME: NOV 14,94 13:25

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

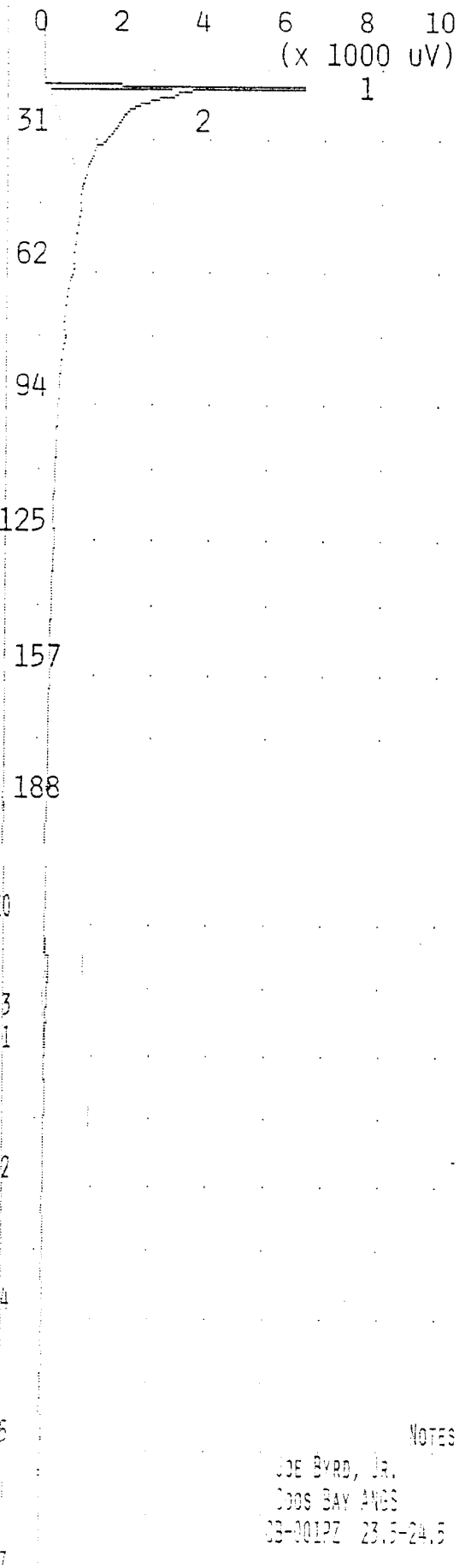
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	9.683 MVS	17.1
2	UNKNOWN	29.44 MVS	18.8
3	UNKNOWN	5.739 MVS	33.4
4	UNKNOWN	0.133 MVS	45.5
5	UNKNOWN	0.795 MVS	232.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-001PZ 18.5-20.0

ANALYSIS #22 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 13:43
SAMPLE TIME: NOV 14,94 13:36

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

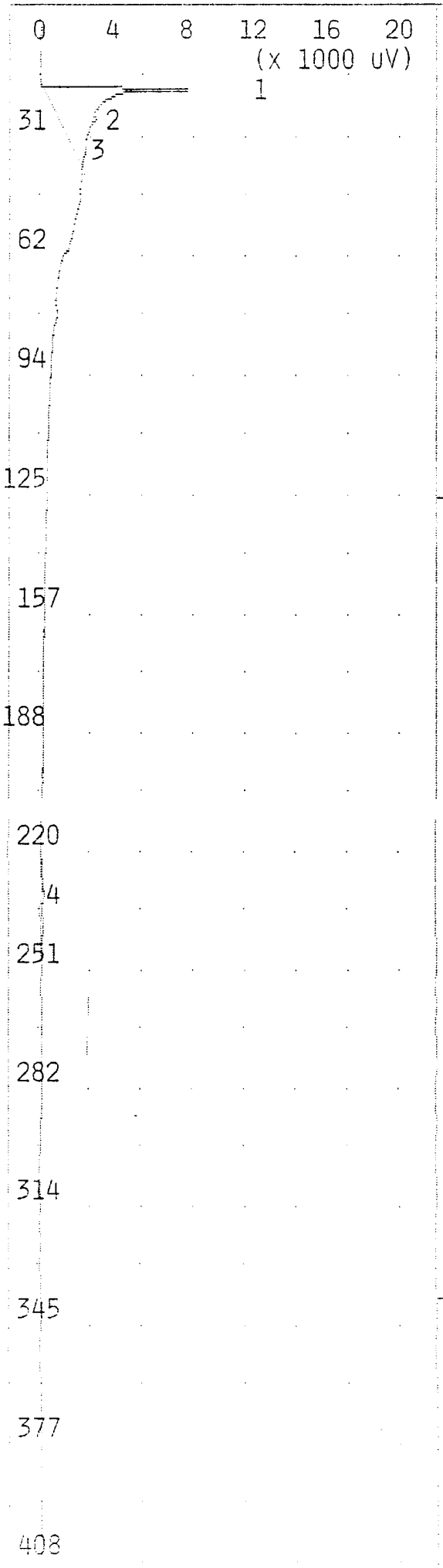
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.654 MVS	17.1
2	UNKNOWN	26.22 MVS	18.7
3	UNKNOWN	1.407 MVS	231.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
03-0012Z 23.5-24.5

ANALYSIS #23 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 14,94 13:53
SAMPLE TIME: Nov 14,94 13:46

METHOD

SLOPE UP	0.500	mV/SEC
SLOPE DOWN	1.500	mV/SEC
MIN AREA	0.000	mVSEC
MIN HEIGHT	0.000	mV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

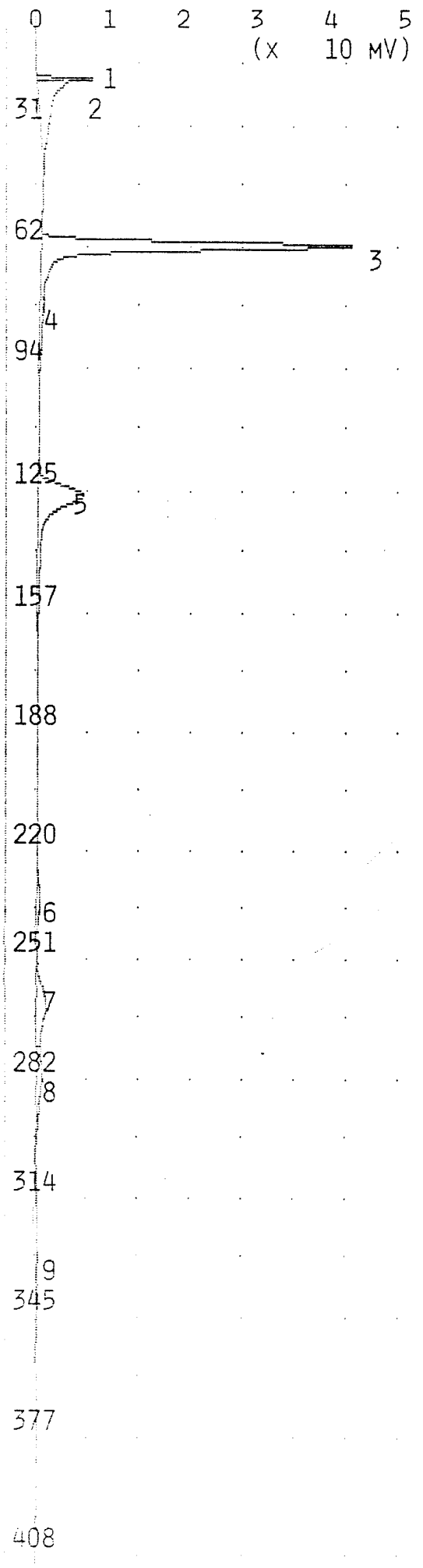
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	40.50	mVS	17.0
2	UNKNOWN	0.321	mVS	24.6
3	UNKNOWN	0.060	mVS	33.1
4	UNKNOWN	1.428	mVS	228.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-001PZ 28.5-29.5

ANALYSIS #24 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 14,94 15:36
SAMPLE TIME: Nov 14,94 15:29

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

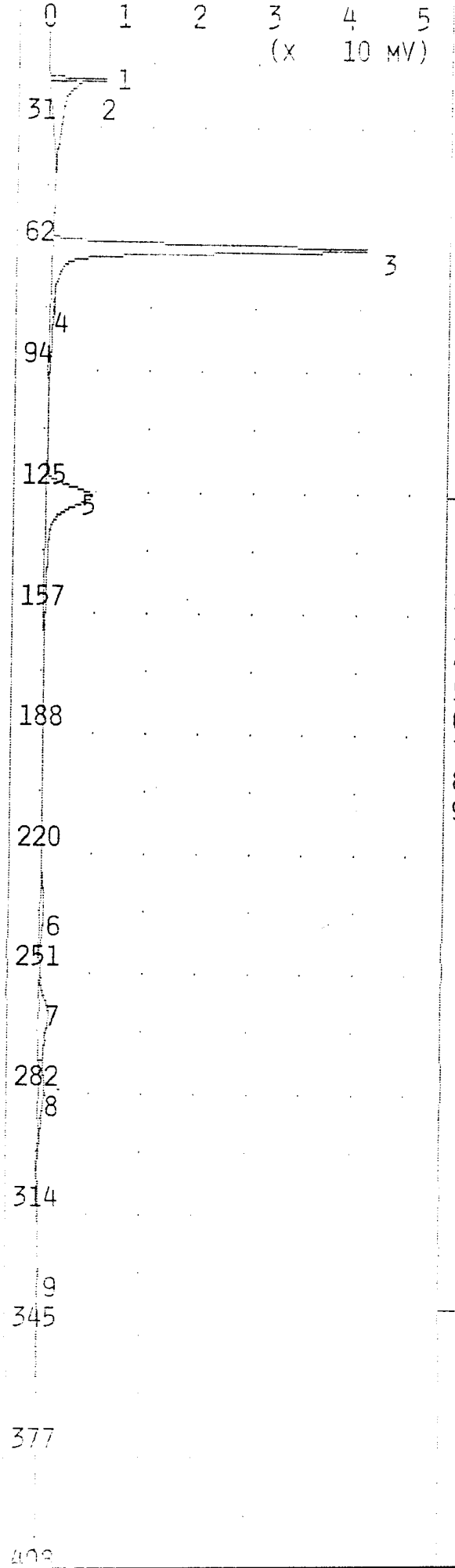
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	8.865	MVS	17.2
2	UNKNOWN	29.06	MVS	18.7
3	BENZENE	79.29	PPB	60.5
4	UNKNOWN	0.220	MVS	76.5
5	TOLUENE	67.61	PPB	124.6
6	UNKNOWN	6.733	MVS	232.0
7	ETHYLBENZENE	54.52	PPB	261.0
8	MP-XYLENE	116.3	PPB	281.0
9	O-XYLENE	62.33	PPB	331.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #24 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 15:44
SAMPLE TIME: NOV 14,94 15:29

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

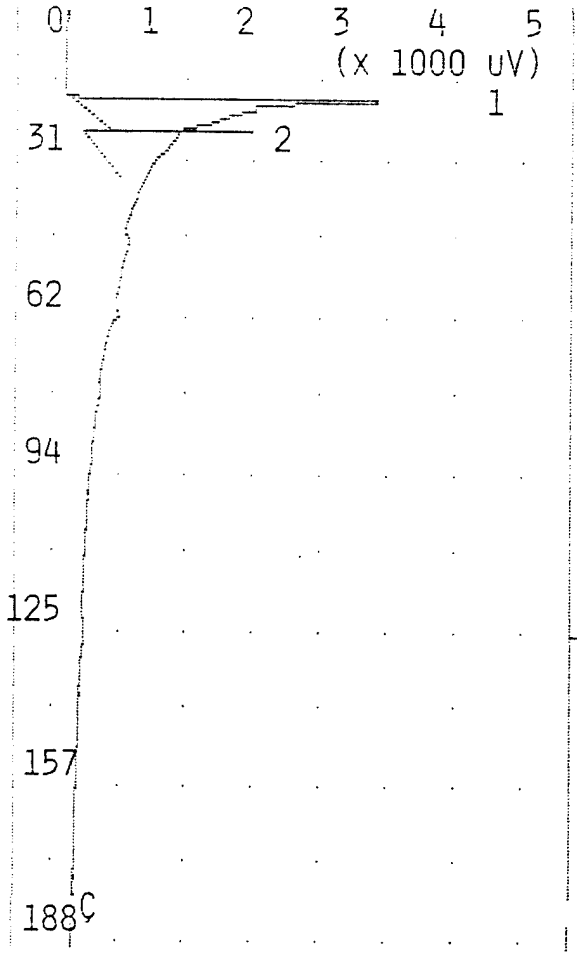
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	8.865	MVS	17.2
2	UNKNOWN	29.06	MVS	18.7
3	BENZENE	100.0	PPB	60.5
4	UNKNOWN	0.220	MVS	76.5
5	TOLUENE	99.99	PPB	124.6
6	UNKNOWN	6.733	MVS	232.0
7	ETHYLBENZENE	100.0	PPB	261.0
8	MP-XYLENE	200.0	PPB	281.0
9	O-XYLENE	99.99	PPB	331.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #25 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 15:55
SAMPLE TIME: NOV 14,94 15:48

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

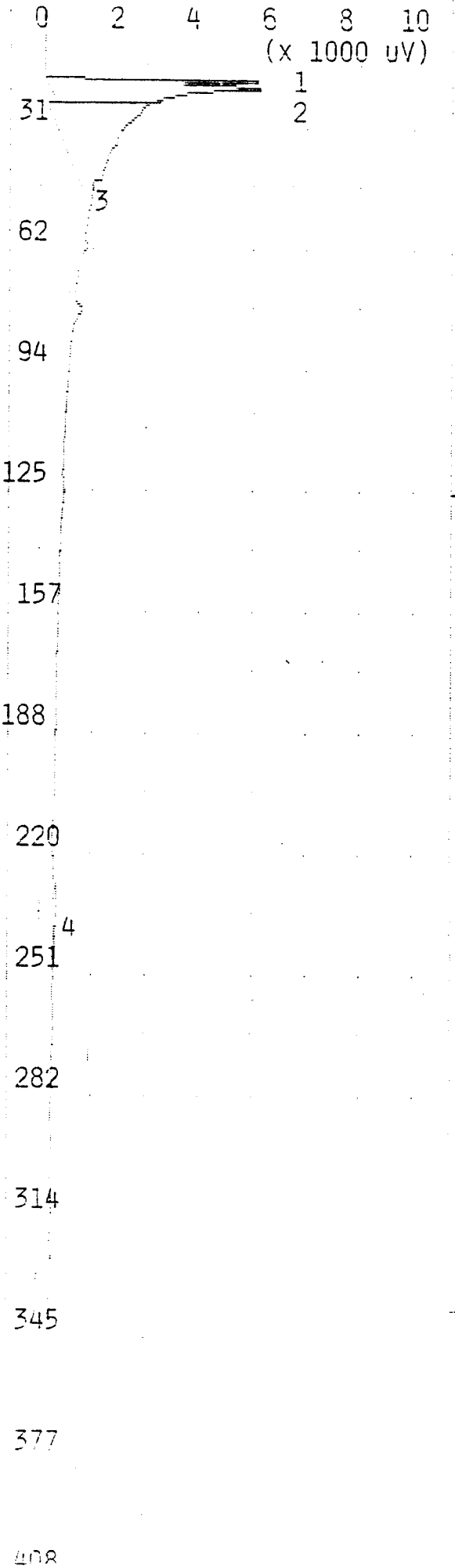
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	4.188 MVS	17.2
2	UNKNOWN	10.97 MVS	19.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #26 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 16:05
SAMPLE TIME: NOV 14,94 15:58

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

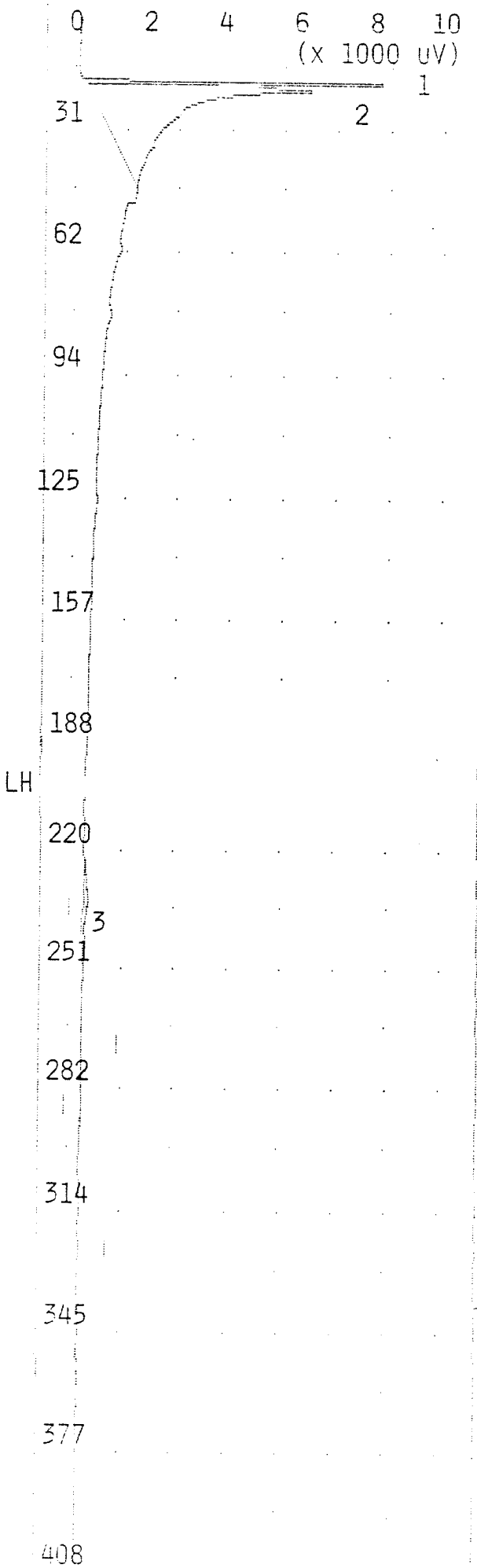
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.184 MVS	17.2
2	UNKNOWN	45.37 MVS	18.9
3	UNKNOWN	0.033 MVS	45.0
4	UNKNOWN	0.912 MVS	231.4

NOTES

JOE BYRD, JR.
COOS BAY AMGS
CB-001PZ 33.5-34.0

ANALYSIS #27 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 14,94 16:15
SAMPLE TIME: Nov 14,94 16:08

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

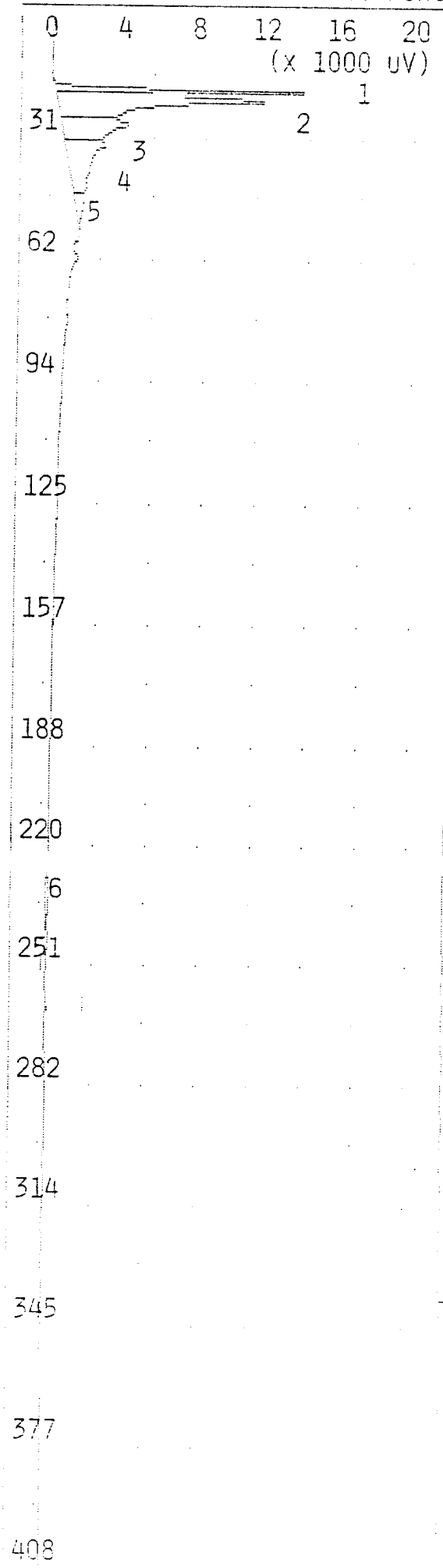
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	8.513 MVS	17.2
2	UNKNOWN	42.43 MVS	18.9
3	UNKNOWN	1.413 MVS	231.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-001PZ 38.5-39.5

ANALYSIS #28 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 16:26
SAMPLE TIME: NOV 14,94 16:18

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

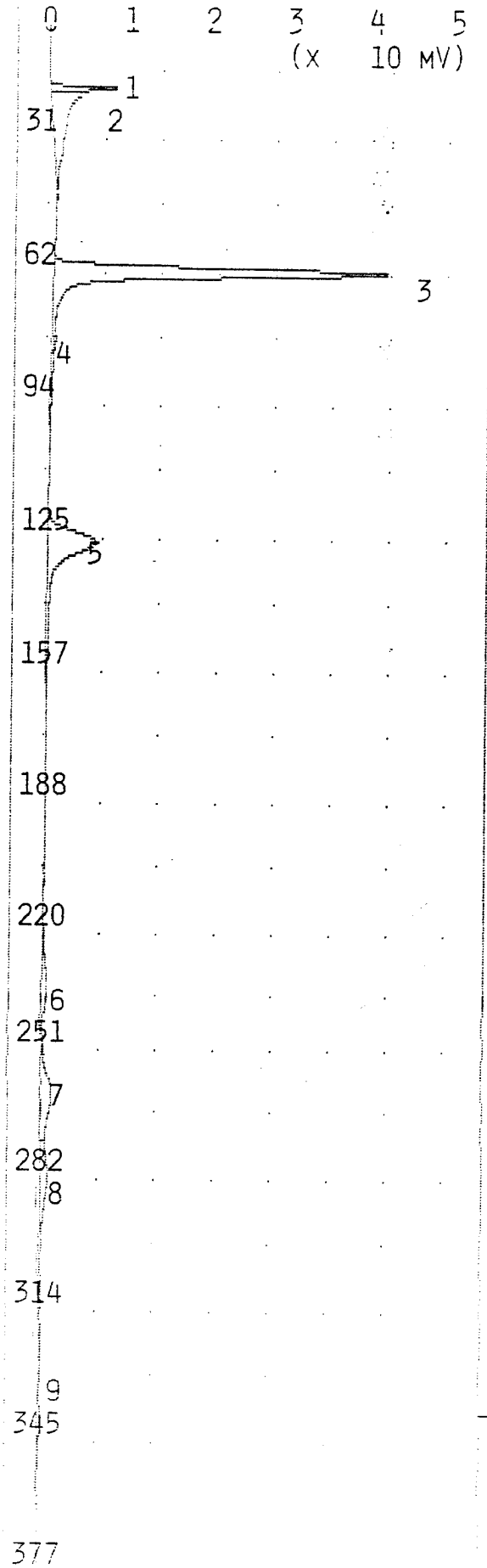
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	16.87 MVS	17.1
2	UNKNOWN	37.84 MVS	19.6
3	UNKNOWN	17.24 MVS	25.9
4	UNKNOWN	17.35 MVS	31.4
5	UNKNOWN	2.679 MVS	45.2
6	UNKNOWN	1.169 MVS	229.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-001PZ 43.5-44.0

ANALYSIS #29 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 14,94 16:36
SAMPLE TIME: NOV 14,94 16:28

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	440.0	SEC

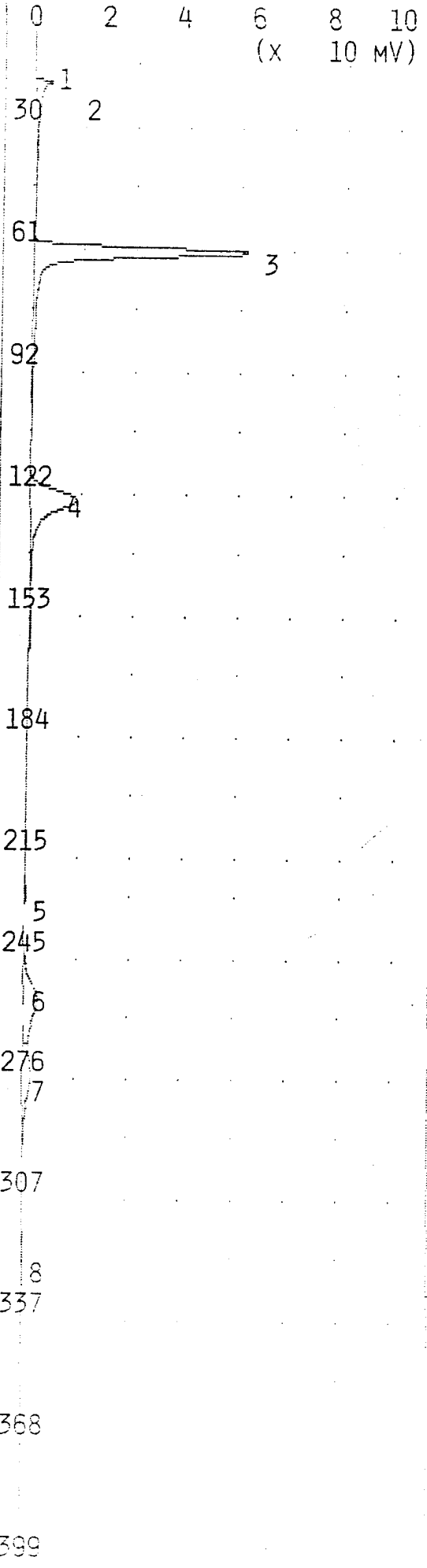
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	9.576	MVS	17.2
2	UNKNOWN	31.65	MVS	18.8
3	BENZENE	95.54	PPB	60.5
4	UNKNOWN	0.510	MVS	76.5
5	TOLUENE	92.98	PPB	124.5
6	UNKNOWN	7.331	MVS	231.0
7	ETHYLBENZENE	94.23	PPB	260.5
8	MP-XYLENE	188.3	PPB	280.5
9	O-XYLENE	100.6	PPB	329.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 15,94 09:28
SAMPLE TIME: Nov 15,94 09:21

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

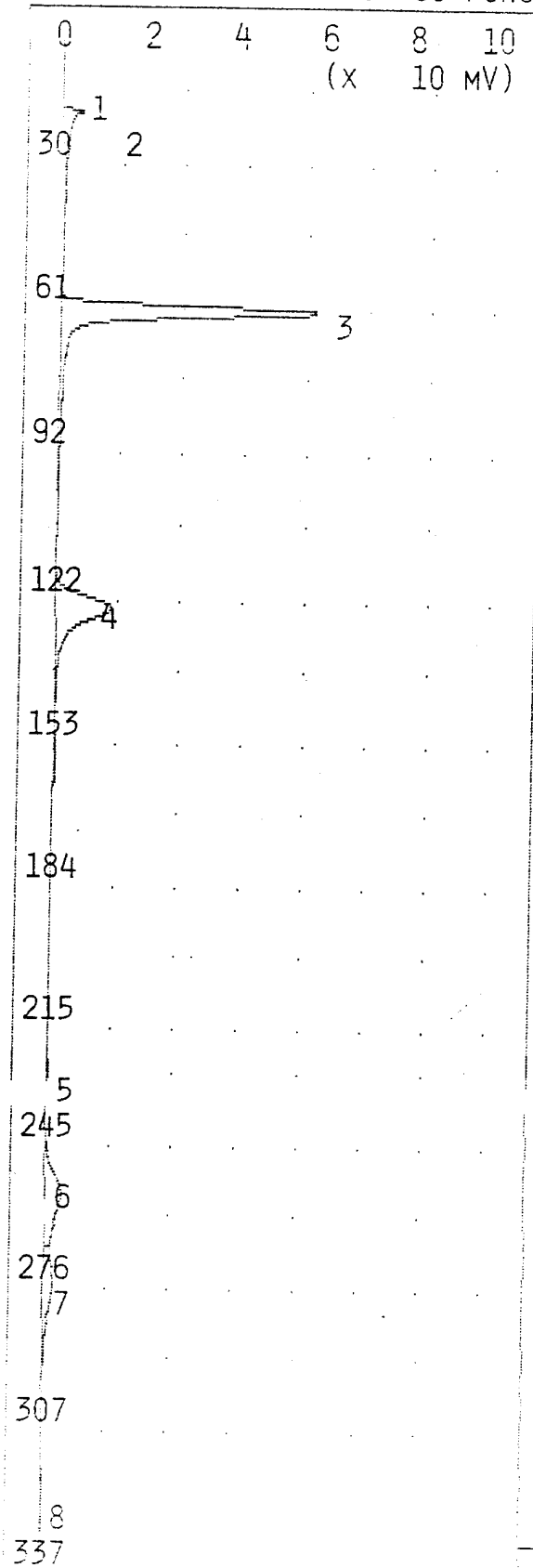
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	23.43 MVS	17.3
2	UNKNOWN	0.256 MVS	25.1
3	BENZENE	113.5 PPB	60.0
4	TOLUENE	129.1 PPB	122.2
5	UNKNOWN	2.758 MVS	225.6
6	ETHYLBENZENE	139.1 PPB	254.4
7	MP-XYLENE	294.5 PPB	273.6
8	O-XYLENE	112.6 PPB	321.3

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 15,94 09:33
SAMPLE TIME: NOV 15,94 09:21

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

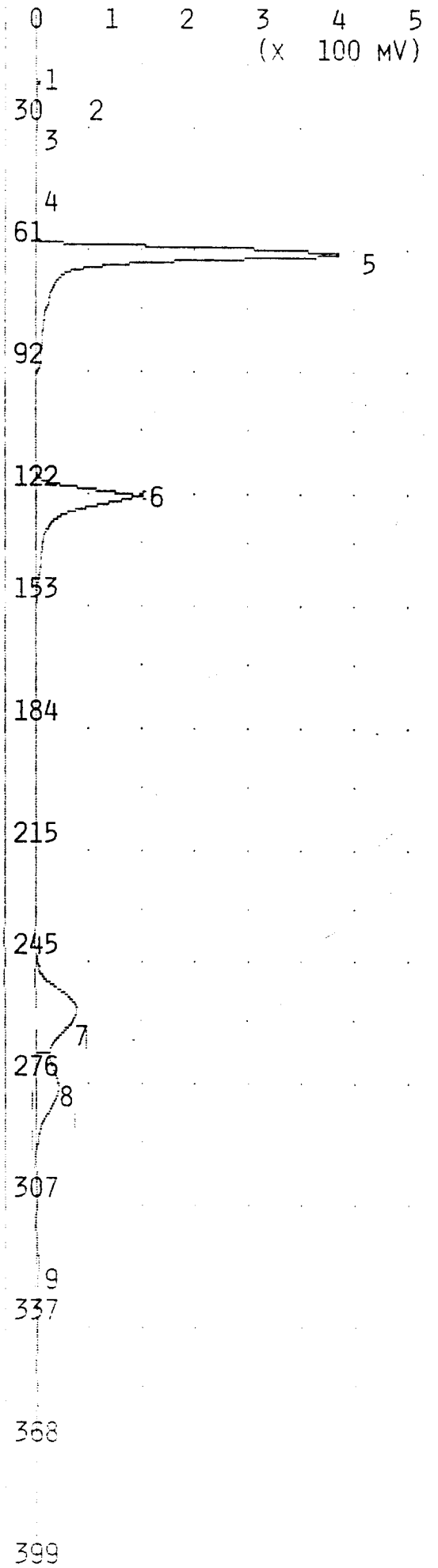
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	23.43 MVS	17.3
2	UNKNOWN	0.256 MVS	25.1
3	BENZENE	100.0 PPB	60.0
4	TOLUENE	100.0 PPB	122.2
5	UNKNOWN	2.758 MVS	225.6
6	ETHYLBENZENE	100.0 PPB	254.4
7	MP-XYLENE	200.0 PPB	273.6
8	O-XYLENE	100.0 PPB	321.3

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #4 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 15,94 09:43
SAMPLE TIME: Nov 15,94 09:36

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

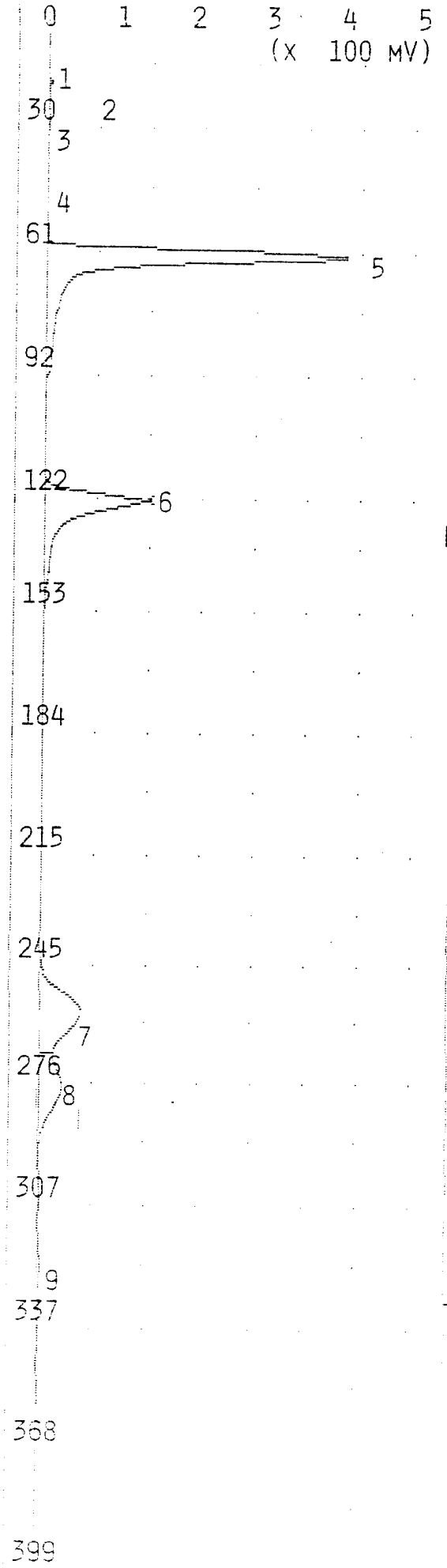
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	6.204	MVS	17.3
2	UNKNOWN	14.45	MVS	19.0
3	UNKNOWN	13.30	MVS	25.2
4	UNKNOWN	0.046	MVS	44.3
5	BENZENE	1.014	PPM	60.5
6	TOLUENE	1.341	PPM	122.4
7	ETHYLBENZENE	1.480	PPM	256.0
8	MP-XYLENE	2.422	PPM	275.2
9	O-XYLENE	1.587	PPM	323.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
1 PPM BTEX

ANALYSIS #4 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 15,94 09:48
SAMPLE TIME: Nov 15,94 09:36

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

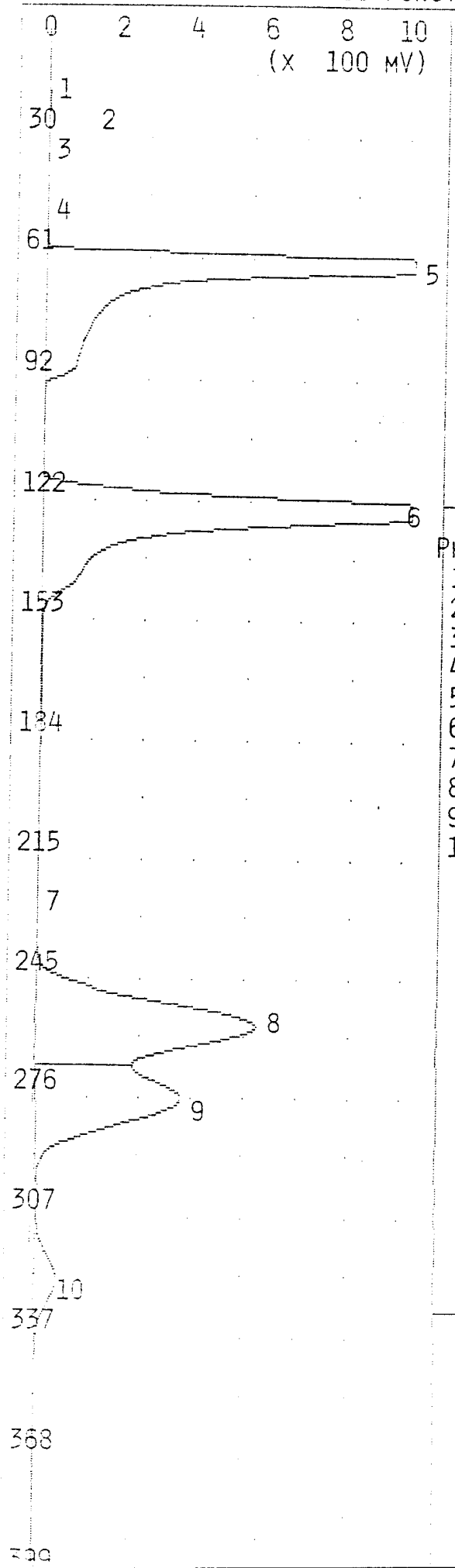
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	6.204	MVS	17.3
2	UNKNOWN	14.45	MVS	19.0
3	UNKNOWN	13.30	MVS	25.2
4	UNKNOWN	0.046	MVS	44.3
5	BENZENE	1.000	PPM	60.5
6	TOLUENE	1.000	PPM	122.4
7	ETHYLBENZENE	1.000	PPM	256.0
8	MP-XYLENE	2.000	PPM	275.2
9	O-XYLENE	1.000	PPM	323.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
1 PPM BTEX

ANALYSIS #5 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 15,94 09:58
SAMPLE TIME: Nov 15,94 09:51

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

PEAK REPORT

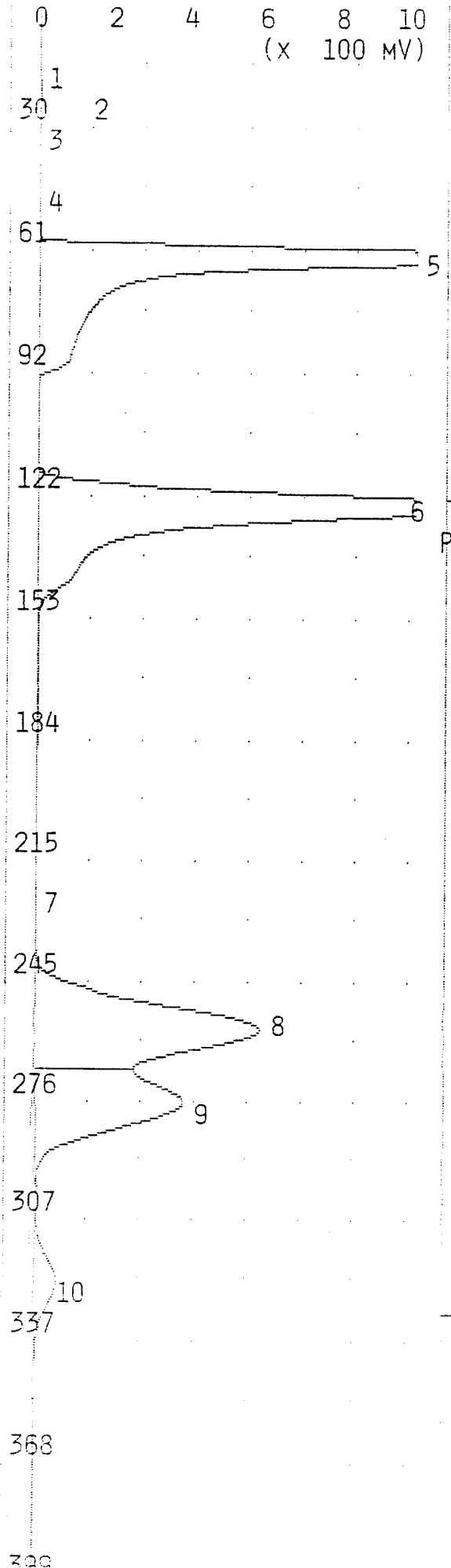
PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.654	MVS	17.3
2	UNKNOWN	50.92	MVS	19.0
3	UNKNOWN	0.277	MVS	25.0
4	UNKNOWN	0.748	MVS	44.7
5	BENZENE	7.443	PPM	60.9
6	TOLUENE	10.64	PPM	123.2
7	UNKNOWN	5.997	MVS	222.8
8	ETHYLBENZENE	11.56	PPM	255.4
9	MP-XYLENE	27.03	PPM	274.4
10	O-XYLENE	11.47	PPM2	321.3

PPM1 = ALARM 1 PPM2 = ALARM2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 PPM BTEX

ANALYSIS #5 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 15,94 10:03
SAMPLE TIME: Nov 15,94 09:51

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

PEAK REPORT

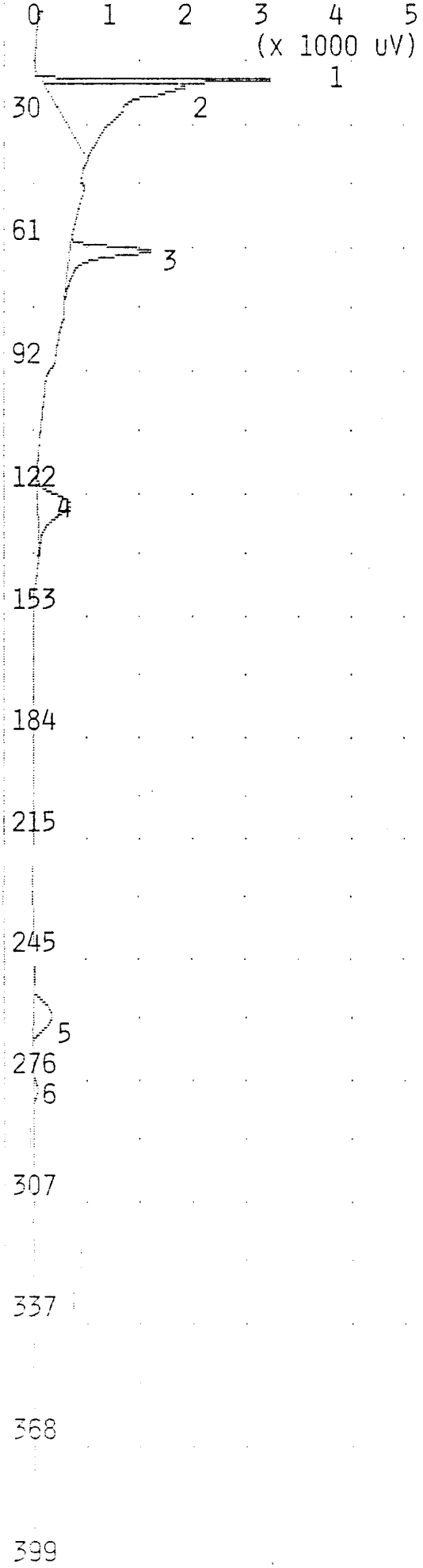
PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.654	MVS	17.3
2	UNKNOWN	50.92	MVS	19.0
3	UNKNOWN	0.277	MVS	25.0
4	UNKNOWN	0.748	MVS	44.7
5	BENZENE	10.00	PPM	60.9
6	TOLUENE	10.00	PPM	123.2
7	UNKNOWN	5.997	MVS	222.8
8	ETHYLBENZENE	10.00	PPM	255.4
9	MP-XYLENE	20.00	PPM	274.4
10	O-XYLENE	10.02	PPM2	321.3

PPM1 = ALARM 1 PPM2 = ALARM2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 PPM BTEX

ANALYSIS #6 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 15,94 10:13
SAMPLE TIME: NOV 15,94 10:06

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

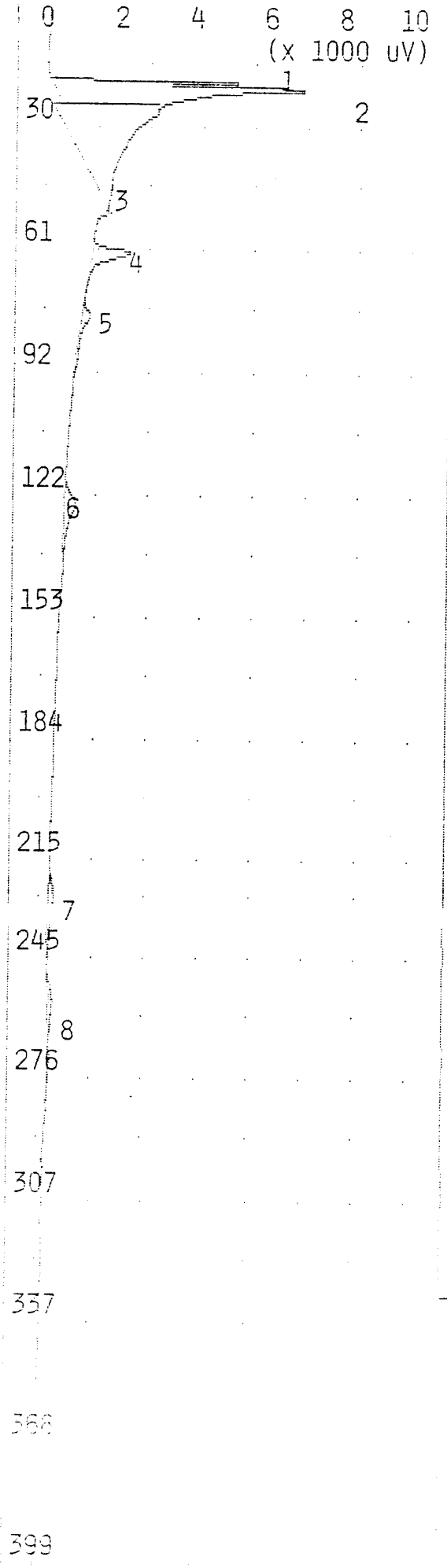
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	4.032	MVS	17.4
2	UNKNOWN	13.24	MVS	19.2
3	BENZENE	1.909	PPB	60.3
4	TOLUENE	3.414	PPB	123.2
5	ETHYLBENZENE	15.88	PPB	257.6
6	MP-XYLENE	28.65	PPB	276.8

NOTES

JOE BYRD, JR.
COOS BAY ANG
AIR BLANK

ANALYSIS #7 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 15,94 10:23
SAMPLE TIME: Nov 15,94 10:16

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

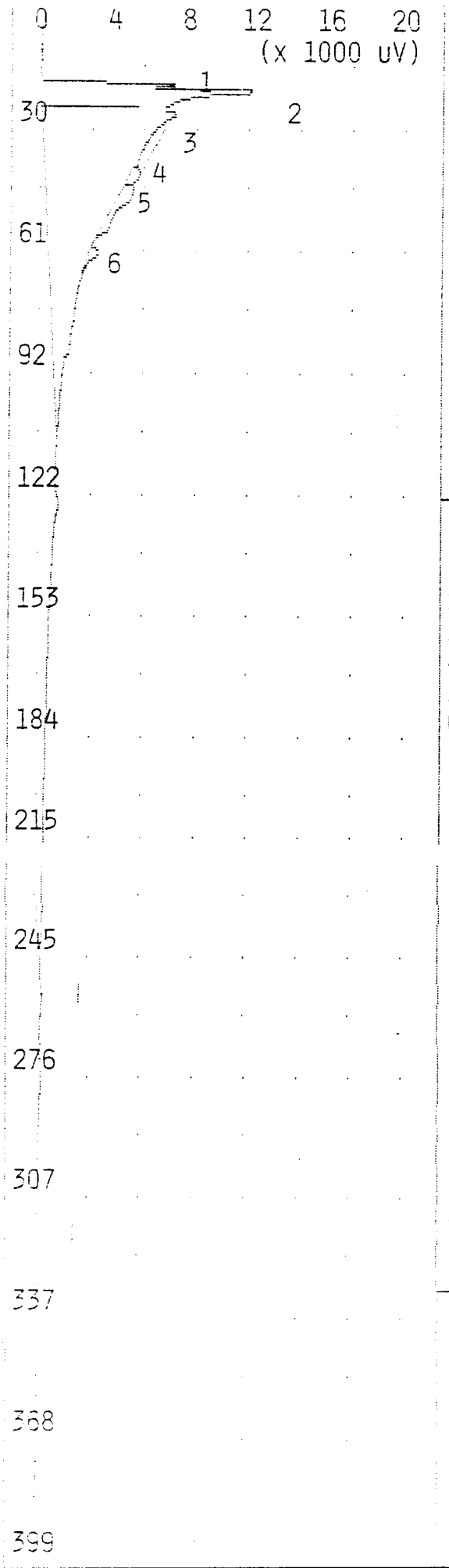
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.231 MVS	17.3
2	UNKNOWN	47.42 MVS	19.0
3	UNKNOWN	0.059 MVS	43.8
4	BENZENE	1.719 PPB	60.4
5	UNKNOWN	1.246 MVS	76.0
6	TOLUENE	2.018 PPB	123.0
7	UNKNOWN	1.506 MVS	228.2
8	ETHYLBENZENE	2.182 PPB	256.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-005PI 5.5- 5.0

ANALYSIS #8 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 15,94 10:34
SAMPLE TIME: NOV 15,94 10:26

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

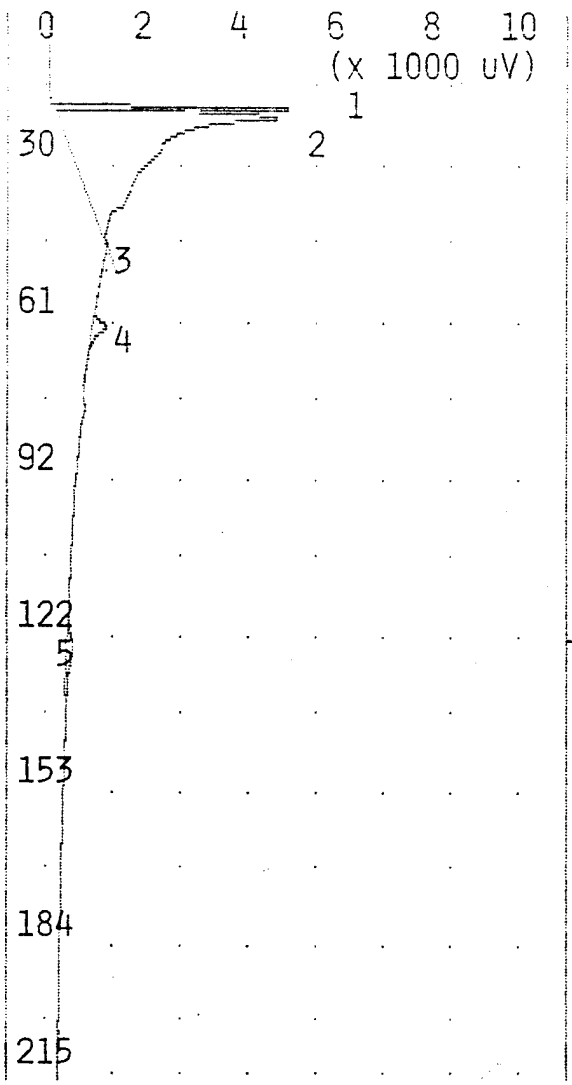
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	7.870	MVS	17.2
2	UNKNOWN	251.2	MVS	18.9
3	UNKNOWN	1.998	MVS	24.9
4	UNKNOWN	2.194	MVS	39.8
5	UNKNOWN	6.266	MVS	43.8
6	BENZENE	0.740	PPB	60.1

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-005PZ 8.5-10.0

ANALYSIS #9 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 15,94 10:44
SAMPLE TIME: Nov 15,94 10:36

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

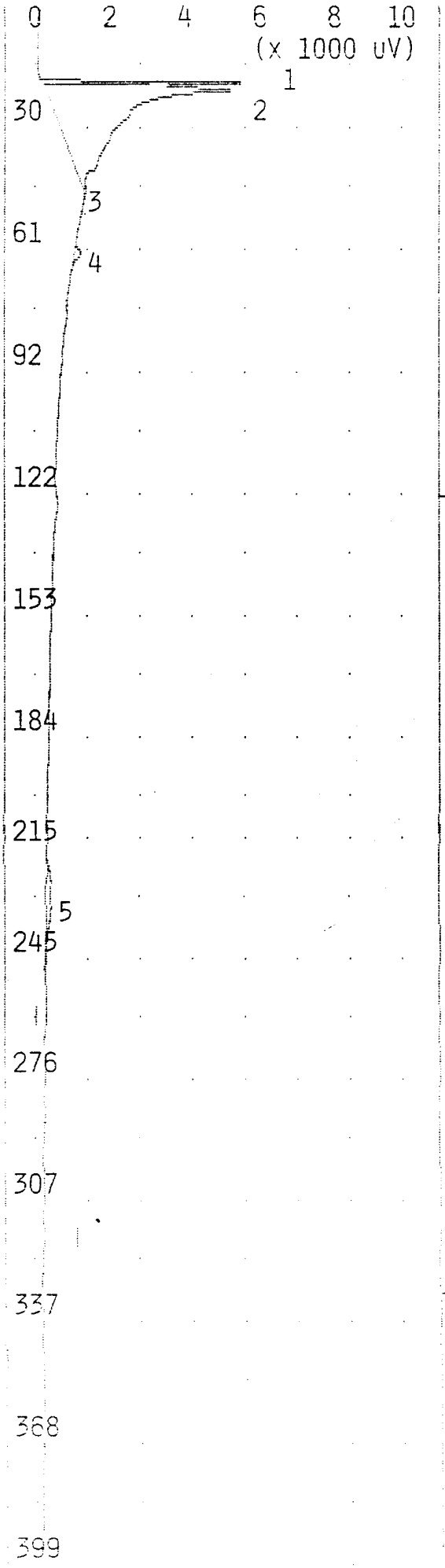
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.543	MVS	17.3
2	UNKNOWN	36.30	MVS	19.0
3	UNKNOWN	0.026	MVS	44.0
4	BENZENE	0.442	PPB	60.5
5	TOLUENE	0.765	PPB	123.2
6	UNKNOWN	0.921	MVS	227.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-005PZ 13.5-15.0

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 15,94 10:54
SAMPLE TIME: Nov 15,94 10:47

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

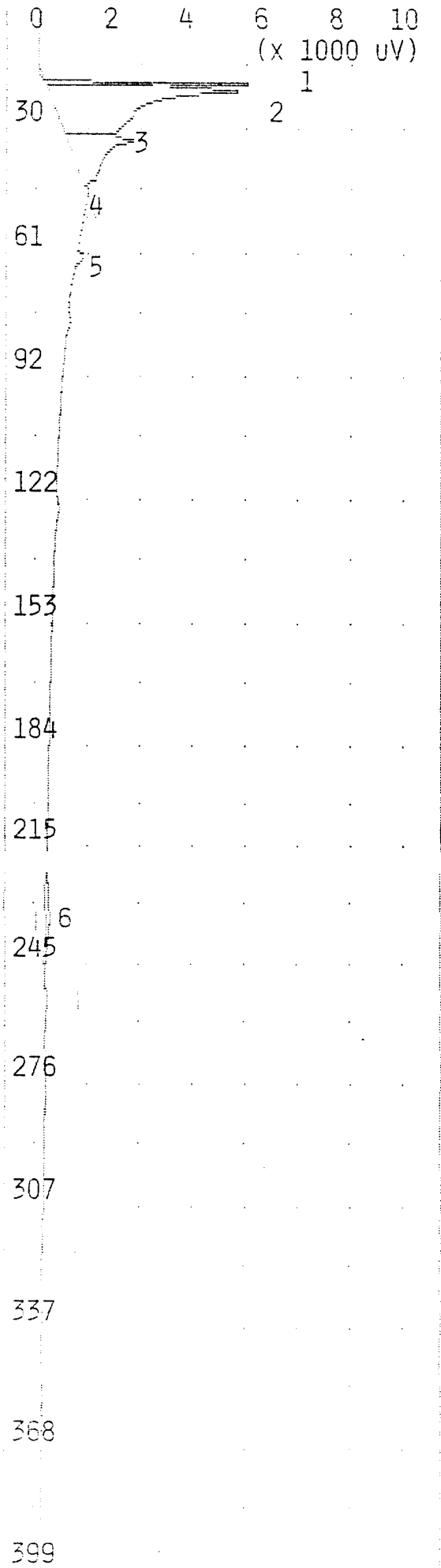
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.929	MVS	17.4
2	UNKNOWN	39.54	MVS	19.1
3	UNKNOWN	0.076	MVS	44.2
4	BENZENE	0.255	PPB	60.1
5	UNKNOWN	1.820	MVS	228.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-005PZ 18.5-20.0

ANALYSIS #11 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 15,94 11:04
SAMPLE TIME: Nov 15,94 10:57

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

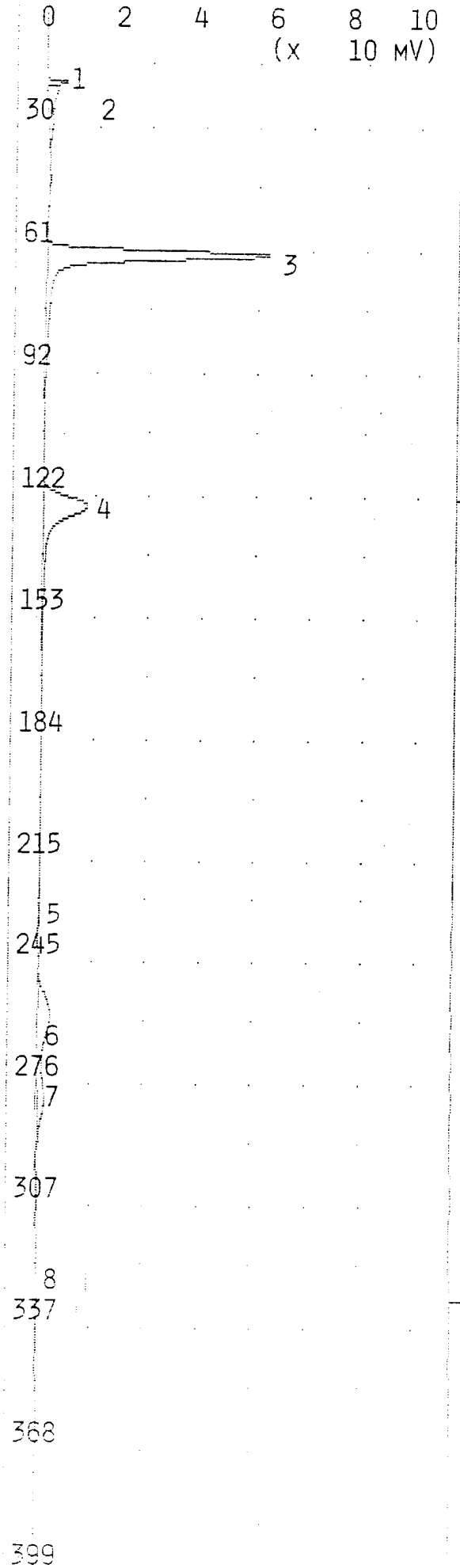
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	6.038	MVS	17.3
2	UNKNOWN	30.95	MVS	19.0
3	UNKNOWN	10.62	MVS	31.6
4	UNKNOWN	0.176	MVS	44.0
5	BENZENE	0.273	PPB	60.4
6	UNKNOWN	1.202	MVS	227.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
CB-005PZ 23.5-24.5

ANALYSIS #12 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 15,94 11:15
SAMPLE TIME: Nov 15,94 11:08

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

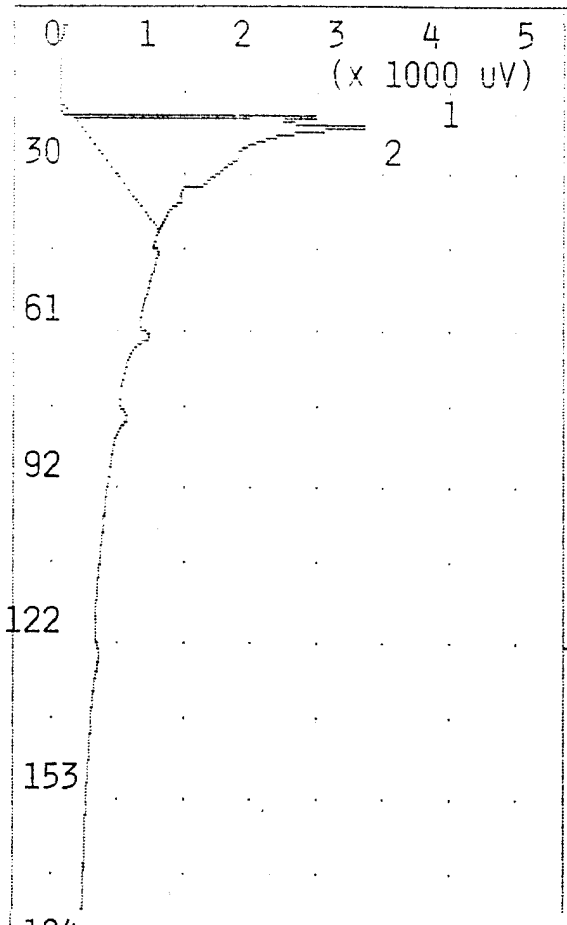
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	6.487	MVS	17.4
2	UNKNOWN	26.15	MVS	19.1
3	BENZENE	99.93	PPB	60.5
4	TOLUENE	90.35	PPB	123.4
5	UNKNOWN	2.158	MVS	228.2
6	ETHYLBENZENE	84.15	PPB	257.0
7	MP-XYLENE	171.1	PPB	276.8
8	O-XYLENE	79.97	PPB	324.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #13 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 15,94 11:25
SAMPLE TIME: Nov 15,94 11:18

METHOD

SLOPE UP	0.500	mV/SEC
SLOPE DOWN	1.500	mV/SEC
MIN AREA	0.000	mVSEC
MIN HEIGHT	0.000	mV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

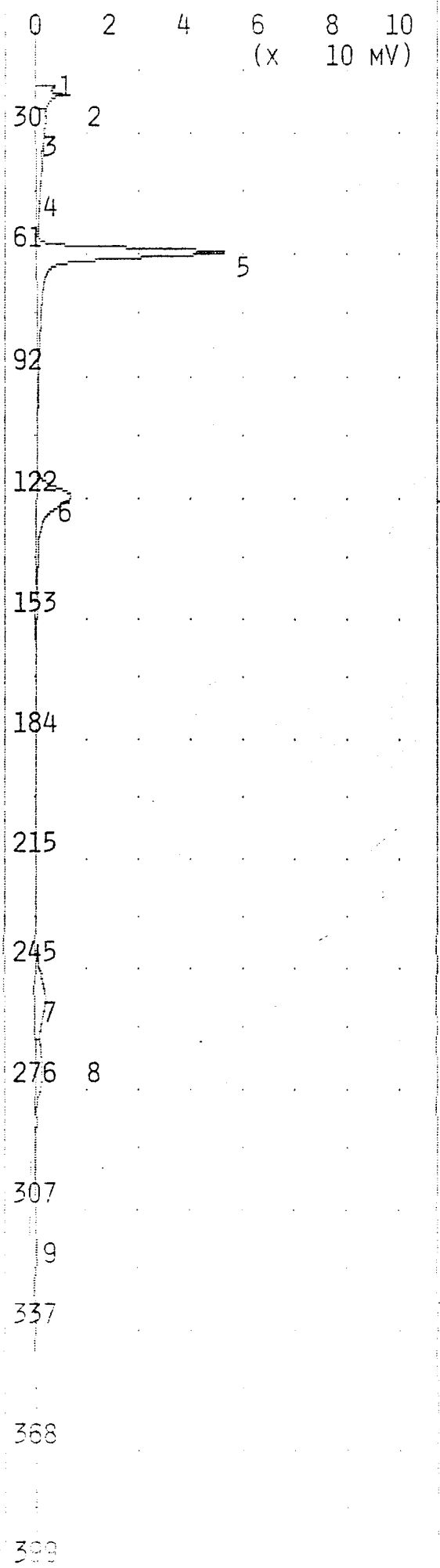
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.211 mVS	17.5
2	UNKNOWN	23.71 mVS	19.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
AIR BLANK

ANALYSIS #1 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 13:24
SAMPLE TIME: Nov 17,94 13:17

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

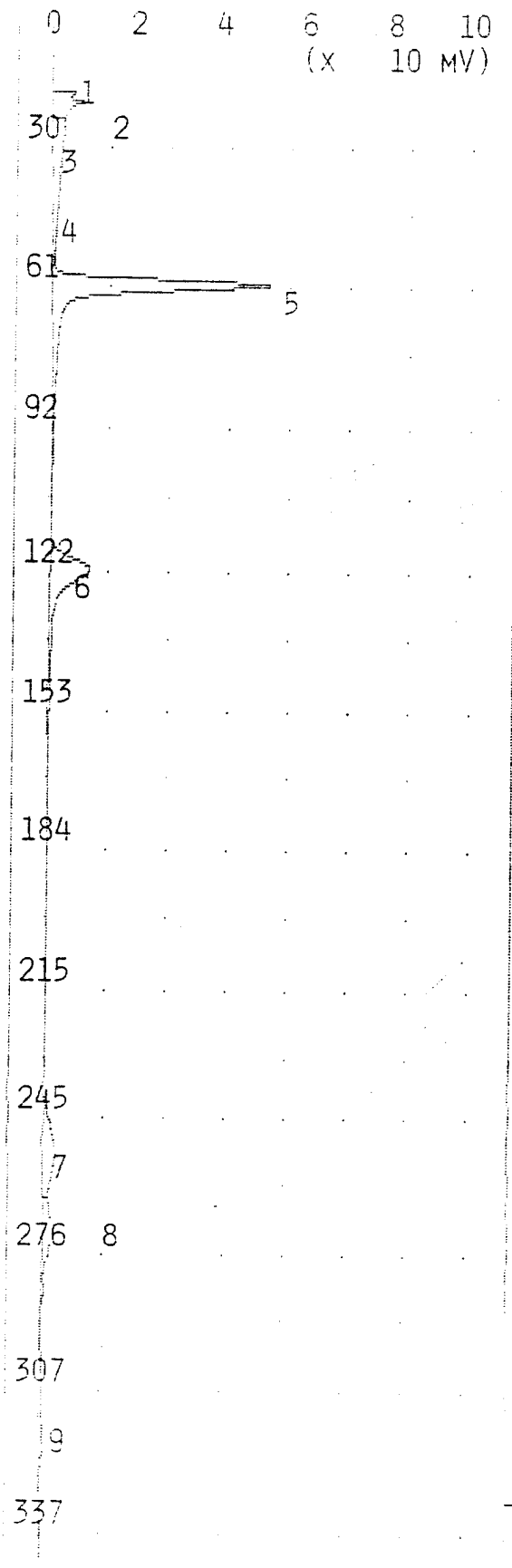
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.129 MVS	17.0
2	UNKNOWN	73.12 MVS	18.6
3	UNKNOWN	0.444 MVS	24.7
4	UNKNOWN	0.300 MVS	44.2
5	UNKNOWN	186.8 MVS	59.0
6	UNKNOWN	69.29 MVS	120.4
7	UNKNOWN	38.55 MVS	250.4
8	UNKNOWN	27.33 MVS	269.3
9	UNKNOWN	4.568 MVS	315.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #1 IOS+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 13:32
SAMPLE TIME: Nov 17,94 13:17

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

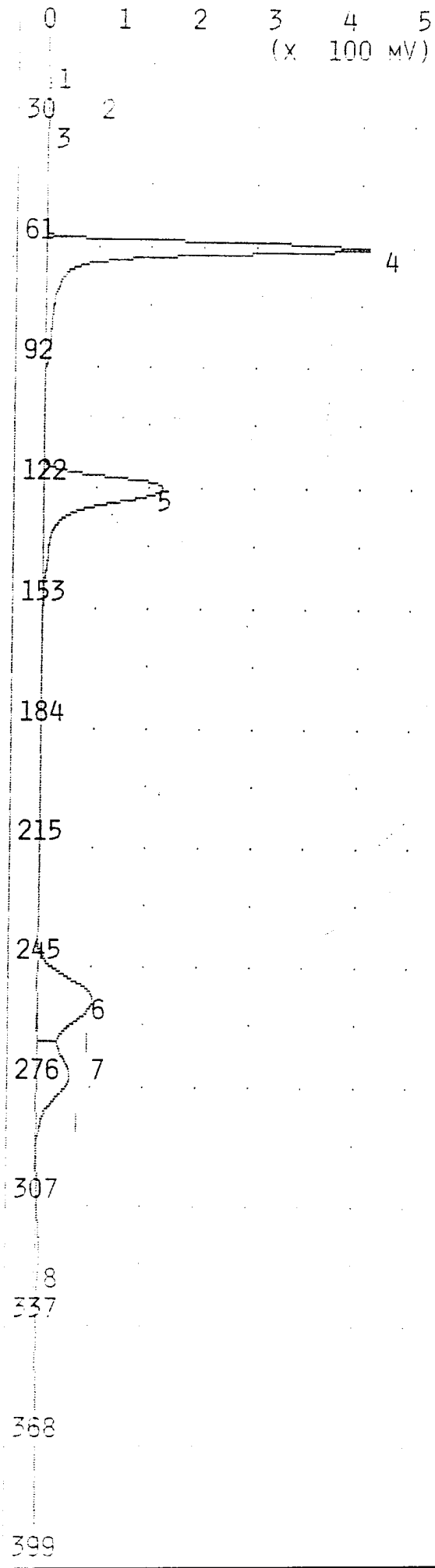
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	6.129	MVS	17.0
2	UNKNOWN	73.12	MVS	18.6
3	UNKNOWN	0.444	MVS	24.7
4	UNKNOWN	0.300	MVS	44.2
5	BENZENE	100.0	PPB	59.0
6	TOLUENE	100.0	PPB	120.4
7	ETHYLBENZENE	100.0	PPB	250.4
8	MP-XYLENE	200.0	PPB	269.3
9	O-XYLENE	100.0	PPB	315.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #2 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 17,94 13:43
SAMPLE TIME: NOV 17,94 13:36

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

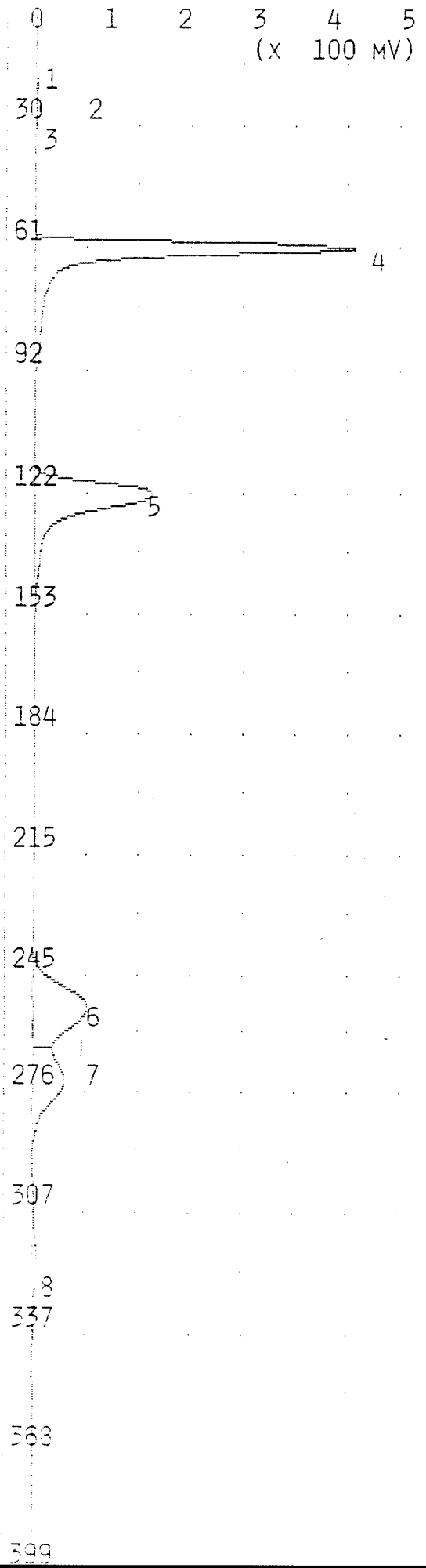
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.986	MVS	17.0
2	UNKNOWN	13.99	MVS	18.7
3	UNKNOWN	12.08	MVS	24.7
4	BENZENE	1.045	PPM	59.7
5	TOLUENE	1.992	PPM	121.0
6	ETHYLBENZENE	2.677	PPM	252.0
7	MP-XYLENE	4.483	PPM	271.2
8	O-XYLENE	3.209	PPM	318.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
1 PPM BTEX

ANALYSIS #2 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 13:47
SAMPLE TIME: Nov 17,94 13:36

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

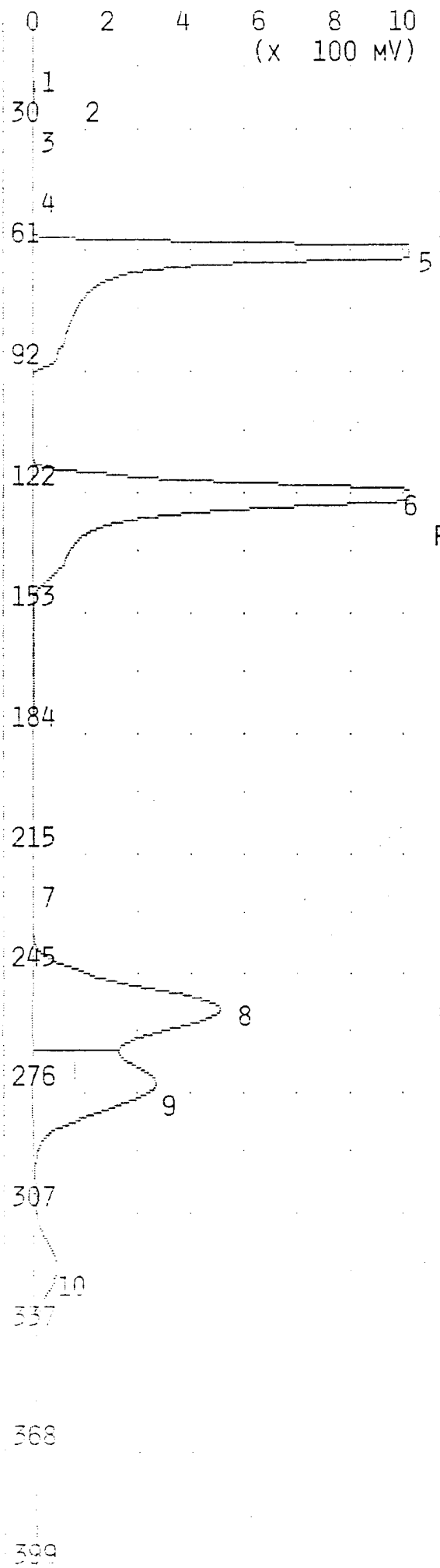
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.986	MVS	17.0
2	UNKNOWN	13.99	MVS	18.7
3	UNKNOWN	12.08	MVS	24.7
4	BENZENE	1.000	PPM	59.7
5	TOLUENE	1.000	PPM	121.0
6	ETHYLBENZENE	1.000	PPM	252.0
7	MP-XYLENE	2.000	PPM	271.2
8	O-XYLENE	1.005	PPM	318.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
1 PPM BTEX

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 17,94 13:58
SAMPLE TIME: NOV 17,94 13:51

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

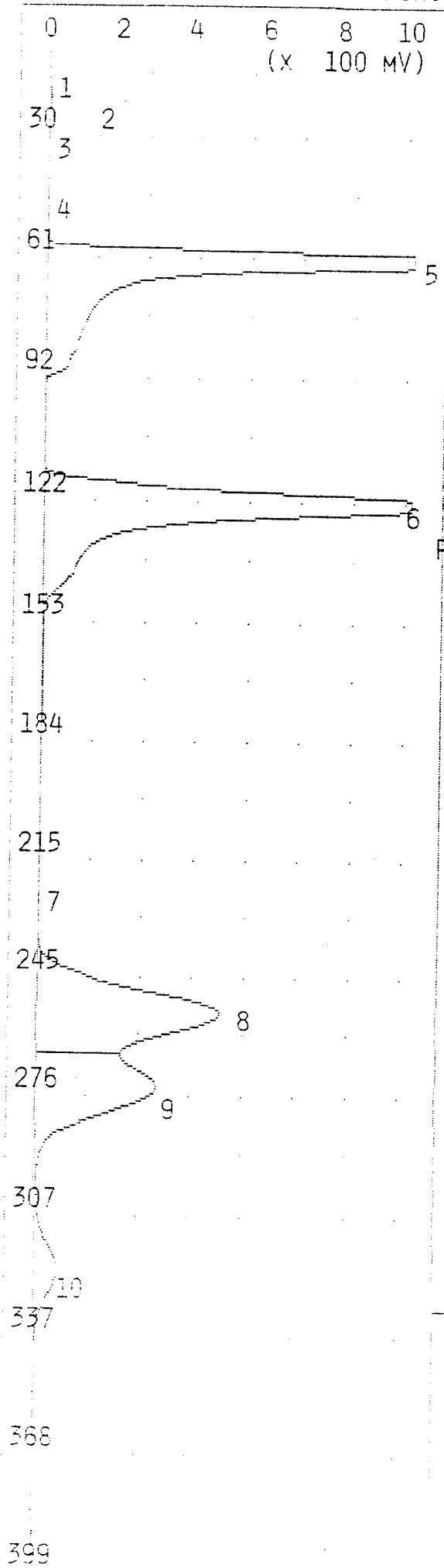
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.951	MVS	17.0
2	UNKNOWN	63.86	MVS	18.6
3	UNKNOWN	0.557	MVS	24.8
4	UNKNOWN	0.091	MVS	44.4
5	BENZENE	6.427	PPM	60.0
6	TOLUENE	7.661	PPM	121.4
7	UNKNOWN	4.515	MVS	219.2
8	ETHYLBENZENE	6.938	PPM	252.8
9	MP-XYLENE	15.85	PPM	272.0
10	O-XYLENE	6.897	PPM	318.9

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 PPM BTEX

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 14:03
SAMPLE TIME: Nov 17,94 13:51

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

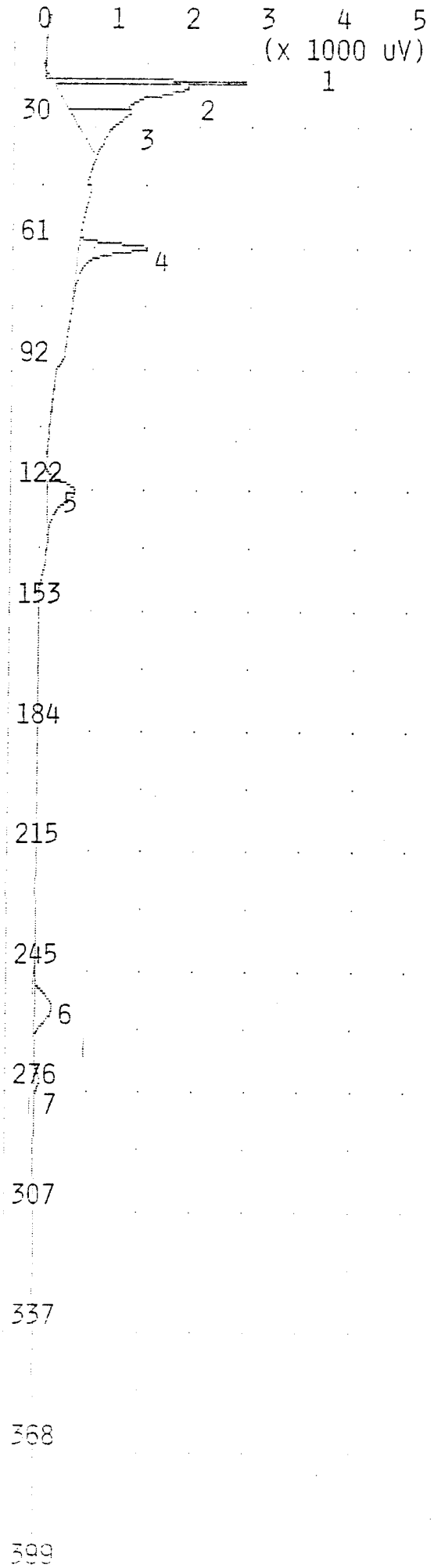
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.951	MVS	17.0
2	UNKNOWN	63.86	MVS	18.6
3	UNKNOWN	0.557	MVS	24.8
4	UNKNOWN	0.091	MVS	44.4
5	BENZENE	10.00	PPM	60.0
6	TOLUENE	10.00	PPM	121.4
7	UNKNOWN	4.515	MVS	219.2
8	ETHYLBENZENE	10.00	PPM	252.8
9	MP-XYLENE	20.00	PPM	272.0
10	O-XYLENE	10.02	PPM	318.9

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 PPM BTEX

ANALYSIS #4 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 17,94 14:14
SAMPLE TIME: NOV 17,94 14:06

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

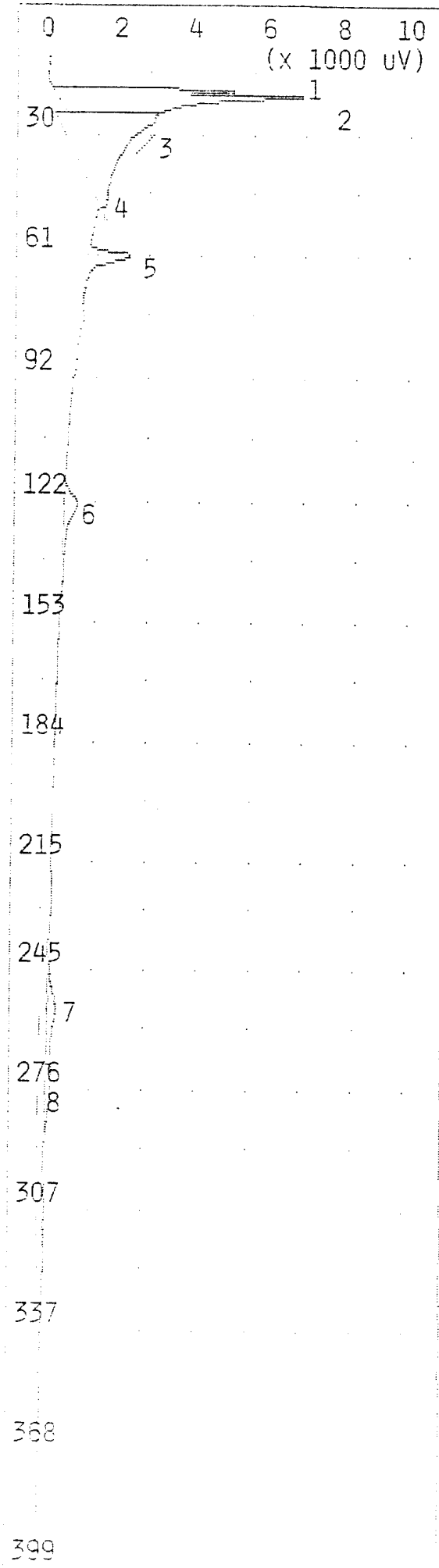
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	3.636	MVS	17.1
2	UNKNOWN	7.621	MVS	18.9
3	UNKNOWN	4.907	MVS	24.7
4	BENZENE	1.723	PPB	59.4
5	TOLUENE	4.012	PPB	121.3
6	ETHYLBENZENE	17.65	PPB	253.3
7	MP-XYLENE	31.47	PPB	271.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
AIR BLANK

ANALYSIS #5 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 14:24
SAMPLE TIME: Nov 17,94 14:17

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	28	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

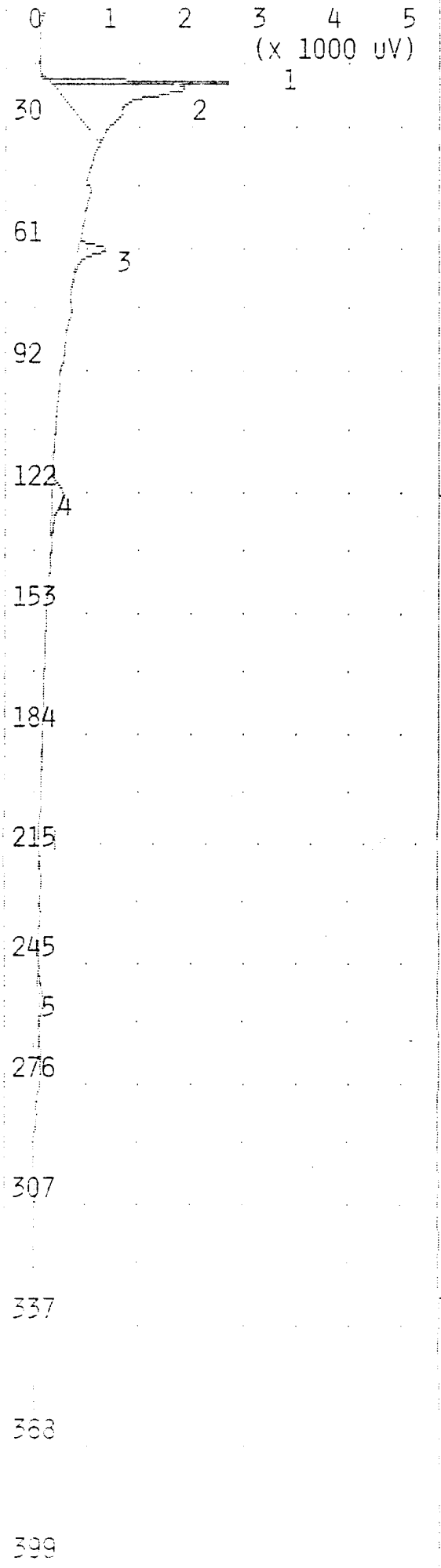
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.948	MVS	17.2
2	UNKNOWN	45.55	MVS	18.8
3	UNKNOWN	0.324	MVS	24.9
4	UNKNOWN	0.084	MVS	43.8
5	BENZENE	1.948	PPB	59.6
6	TOLUENE	3.359	PPB	121.6
7	ETHYLBENZENE	7.801	PPB	253.6
8	MP-XYLENE	10.39	PPB	272.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
MSS-004BH 8.5- 9.5

ANALYSIS #6 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 17,94 14:34
SAMPLE TIME: NOV 17,94 14:27

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

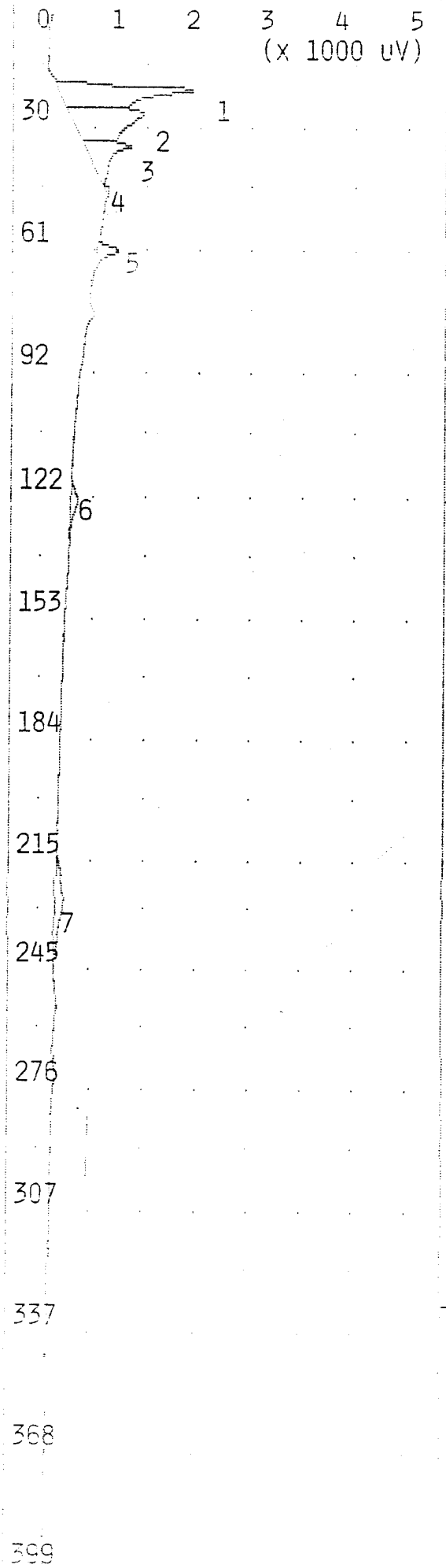
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	3.097	MVS	17.2
2	UNKNOWN	10.10	MVS	19.0
3	BENZENE	0.629	PPB	59.7
4	TOLUENE	1.564	PPB	121.7
5	ETHYLBENZENE	1.421	PPB	252.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
SF-003BH 1.0- 2.0

ANALYSIS #7 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 14:49
SAMPLE TIME: Nov 17,94 14:37

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

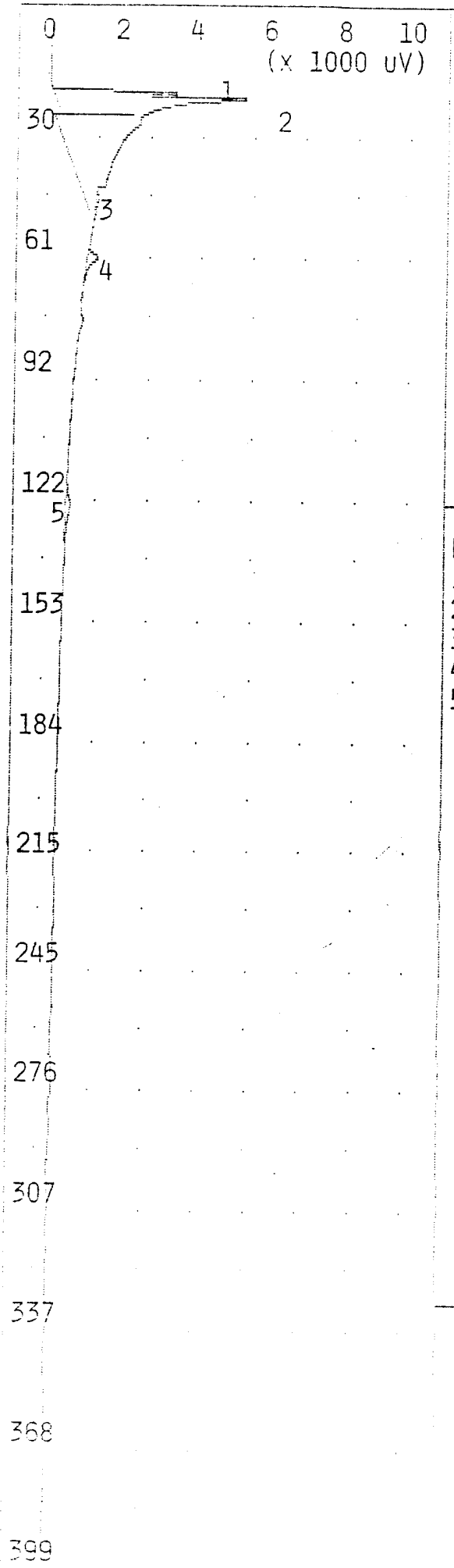
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.635 MVS	18.7
2	UNKNOWN	6.090 MVS	25.1
3	UNKNOWN	2.871 MVS	33.4
4	UNKNOWN	0.100 MVS	44.1
5	BENZENE	0.467 PPB	59.6
6	TOLUENE	0.817 PPB	121.8
7	UNKNOWN	1.351 MVS	225.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
SF-001BH 4.5- 5.5

ANALYSIS #8 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 14:59
SAMPLE TIME: Nov 17,94 14:52

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

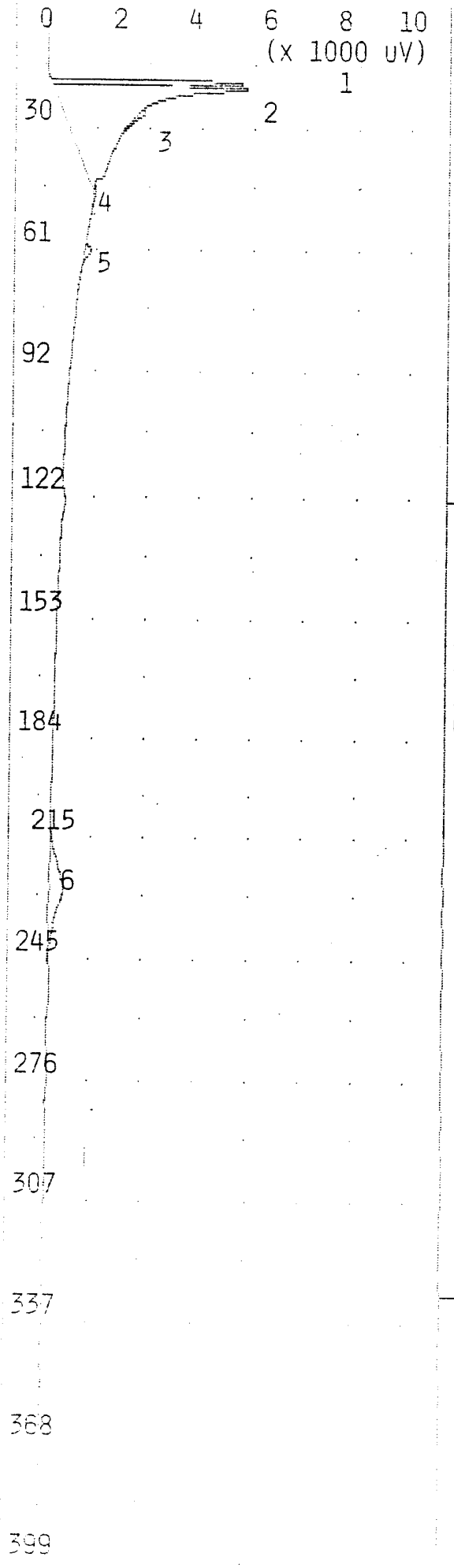
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.778 MVS	17.2
2	UNKNOWN	41.09 MVS	18.8
3	UNKNOWN	0.156 MVS	43.3
4	BENZENE	0.424 PPB	59.6
5	TOLUENE	0.844 PPB	121.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
TS-002BH 1.0- 2.0

ANALYSIS #9 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 15:10
SAMPLE TIME: Nov 17,94 15:03

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

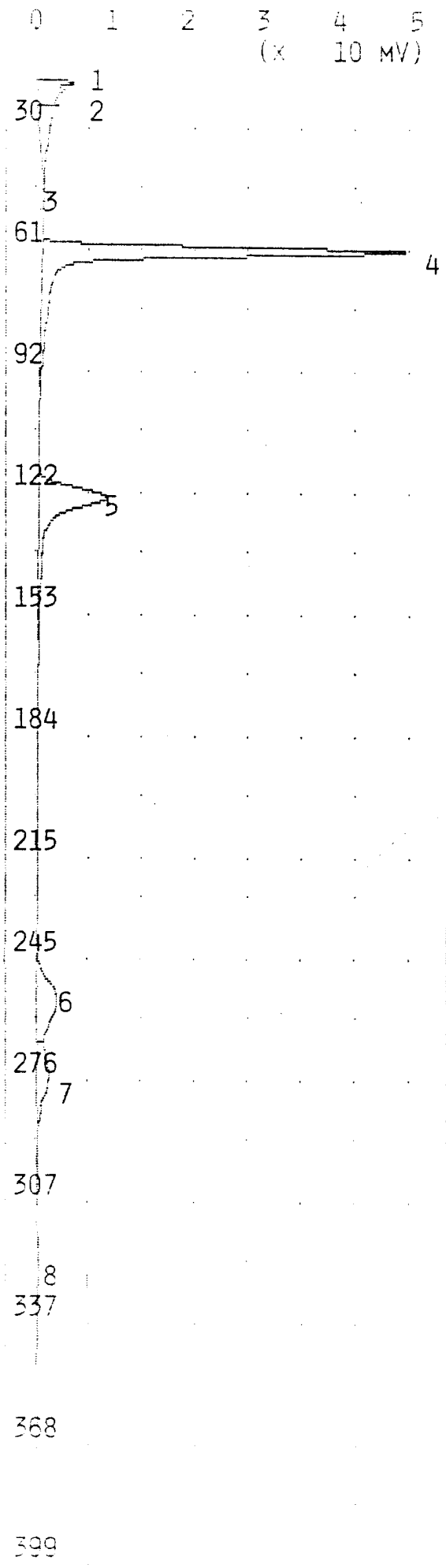
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.673 MVS	17.1
2	UNKNOWN	41.27 MVS	18.8
3	UNKNOWN	0.264 MVS	24.7
4	UNKNOWN	0.070 MVS	43.9
5	BENZENE	0.264 PPB	59.7
6	UNKNOWN	5.210 MVS	225.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A40-002BH 4.5

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 17,94 15:20
SAMPLE TIME: NOV 17,94 15:13

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

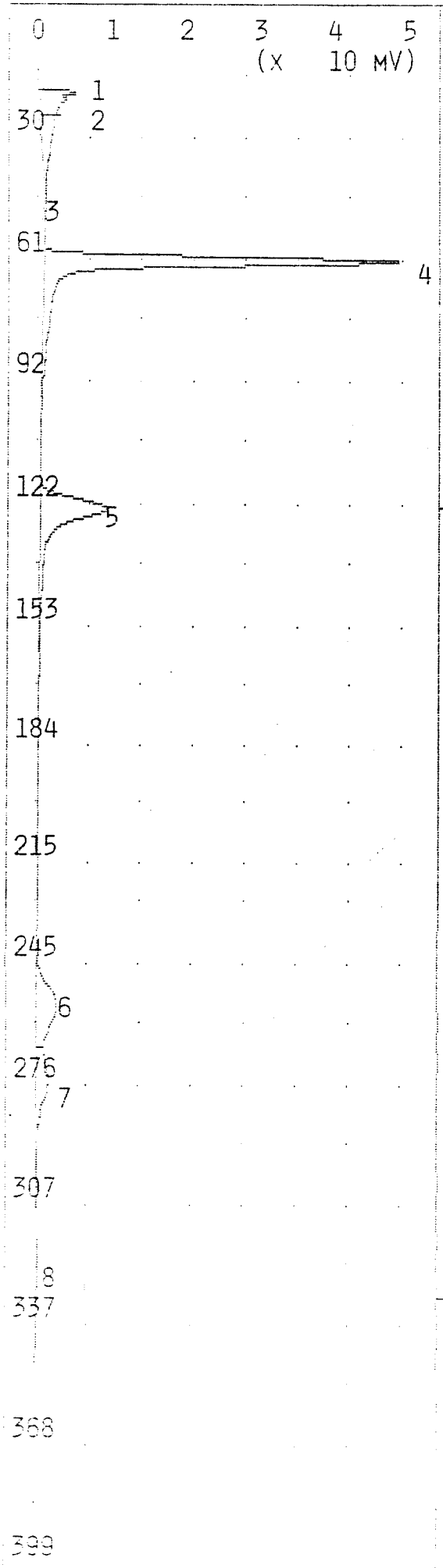
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	7.055	MVS	17.1
2	UNKNOWN	31.36	MVS	18.8
3	UNKNOWN	0.016	MVS	43.6
4	BENZENE	84.06	PPB	59.8
5	TOLUENE	95.05	PPB	121.8
6	ETHYLBENZENE	92.35	PPB	253.8
7	MP-XYLENE	185.6	PPB	272.8
8	O-XYLENE	87.98	PPB	319.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #10 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 15:24
SAMPLE TIME: Nov 17,94 15:13

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

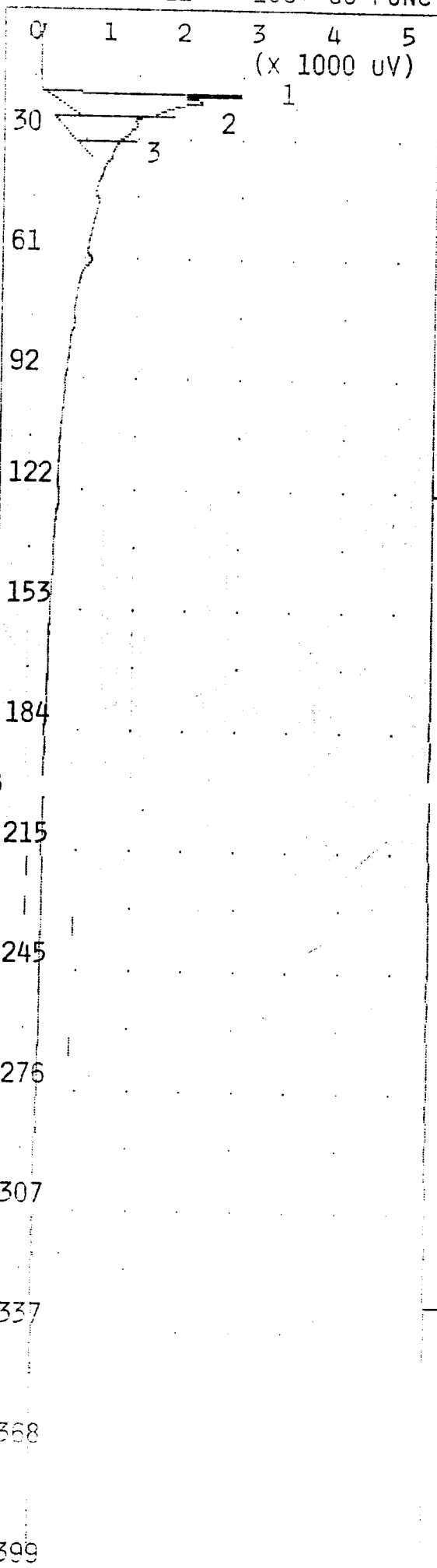
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.055 MVS	17.1
2	UNKNOWN	31.36 MVS	18.8
3	UNKNOWN	0.016 MVS	43.6
4	BENZENE	100.0 PPB	59.8
5	TOLUENE	99.99 PPB	121.8
6	ETHYLBENZENE	100.0 PPB	253.8
7	MP-XYLENE	199.9 PPB	272.8
8	O-XYLENE	100.0 PPB	319.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #11 10S+ GC FUNCTION ANALYSIS REPORT



LH?β

TIME PRINTED: Nov 17,94 15:35
SAMPLE TIME: Nov 17,94 15:28

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	29	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

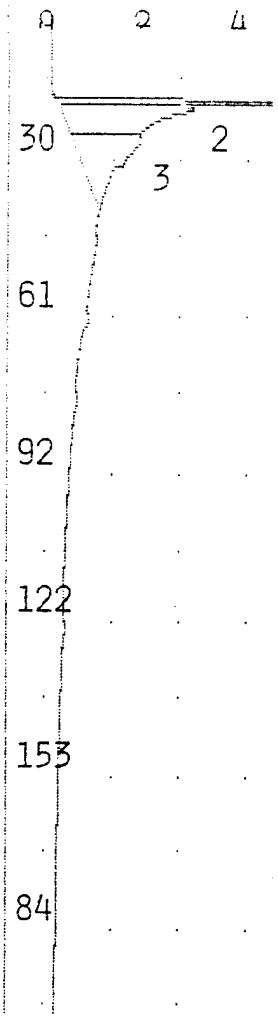
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	2.926 MVS	17.3
2	UNKNOWN	8.709 MVS	19.0
3	UNKNOWN	3.422 MVS	25.0

NOTES

JOE BYRD, JR.
COOS BAY AMBS
AIR BLANK

ANALYSIS #12 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 15:45
SAMPLE TIME: Nov 17,94 15:38

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

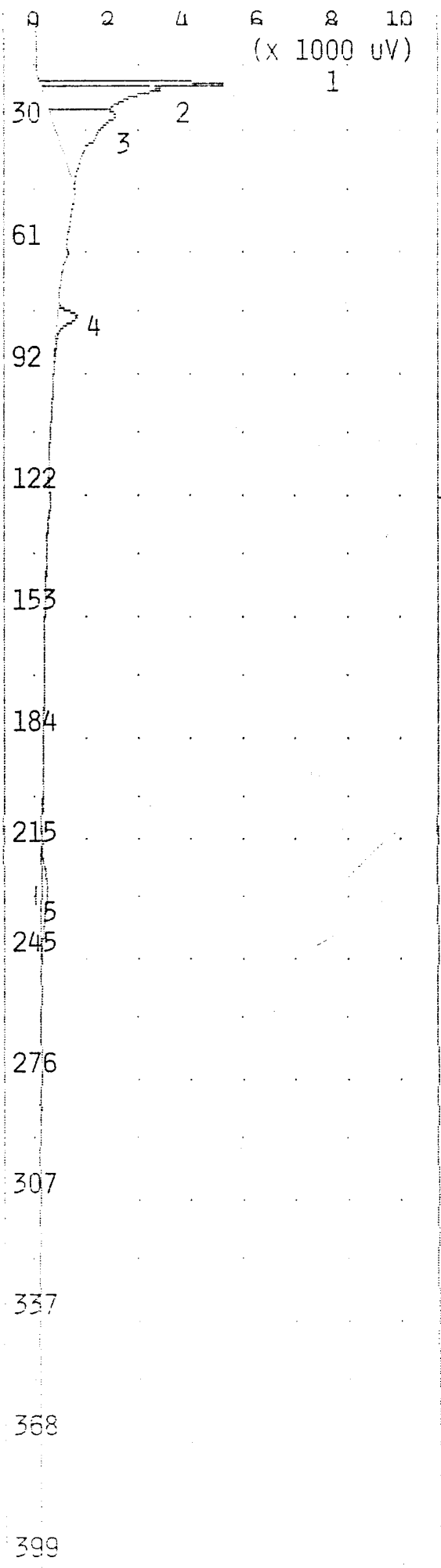
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	5.848	MVS	17.2
2	UNKNOWN	12.11	MVS	18.8
3	UNKNOWN	9.464	MVS	24.9
4	UNKNOWN	0.994	MVS	226.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
SF-0023H 1.0- 2.0

ANALYSIS #13 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 15:55
SAMPLE TIME: Nov 17,94 15:48

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

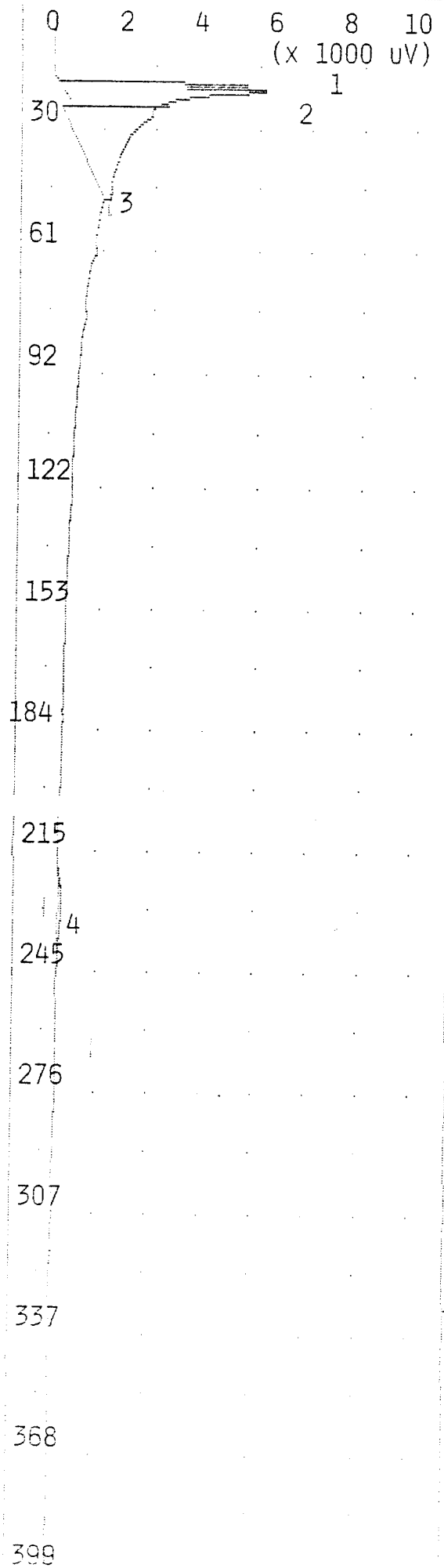
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	7.187 MVS	17.1
2	UNKNOWN	13.32 MVS	18.8
3	UNKNOWN	14.54 MVS	25.2
4	UNKNOWN	2.027 MVS	75.7
5	UNKNOWN	1.882 MVS	227.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
TS-002BH 4.0- 5.0

ANALYSIS #14 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 16:10
SAMPLE TIME: Nov 17,94 15:58

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

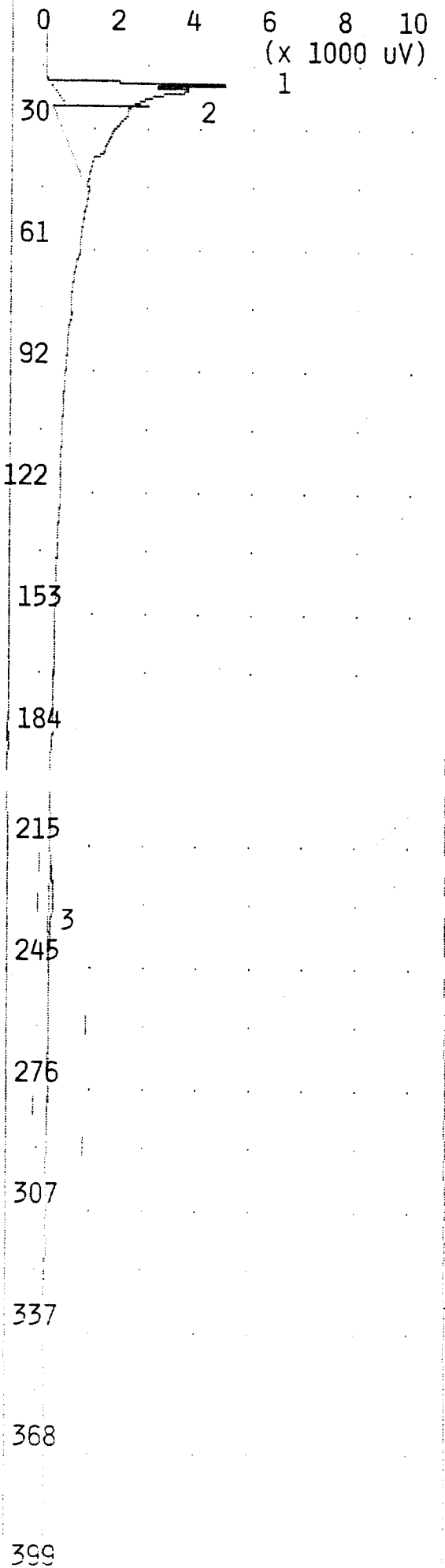
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	6.209 MVS	17.2
2	UNKNOWN	40.12 MVS	18.9
3	UNKNOWN	0.059 MVS	43.8
4	UNKNOWN	1.015 MVS	226.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A40-002BH 1.0- 2.0

ANALYSIS #15 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 17,94 16:21
SAMPLE TIME: NOV 17,94 16:14

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

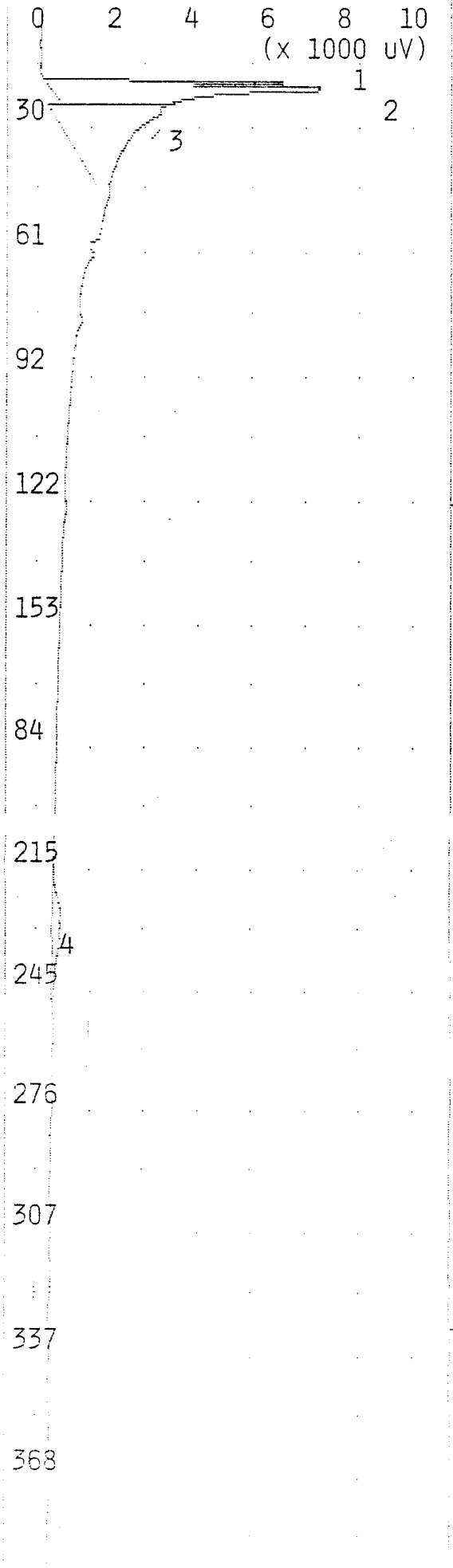
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	5.345 MVS	17.2
2	UNKNOWN	29.46 MVS	18.9
3	UNKNOWN	1.328 MVS	226.2

NOTES

JOE BYRD, JR.
COOS BAY ANGS
TS-003BH 8.0- 9.0

ANALYSIS #16 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 16:31
SAMPLE TIME: Nov 17,94 16:24

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

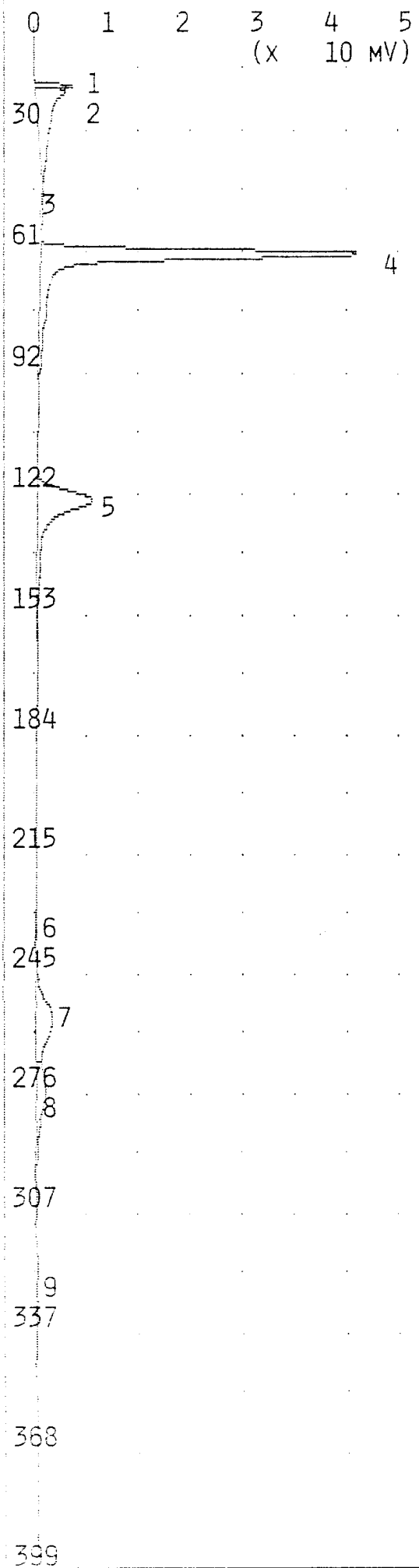
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	6.950	MVS	17.3
2	UNKNOWN	47.76	MVS	19.0
3	UNKNOWN	0.190	MVS	25.0
4	UNKNOWN	2.847	MVS	226.4

NOTES

JOE BYRD, JR.
COOS BAY ANGS
MSS-004BH 1.0-2.0

ANALYSIS #17 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 17,94 16:41
SAMPLE TIME: NOV 17,94 16:34

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

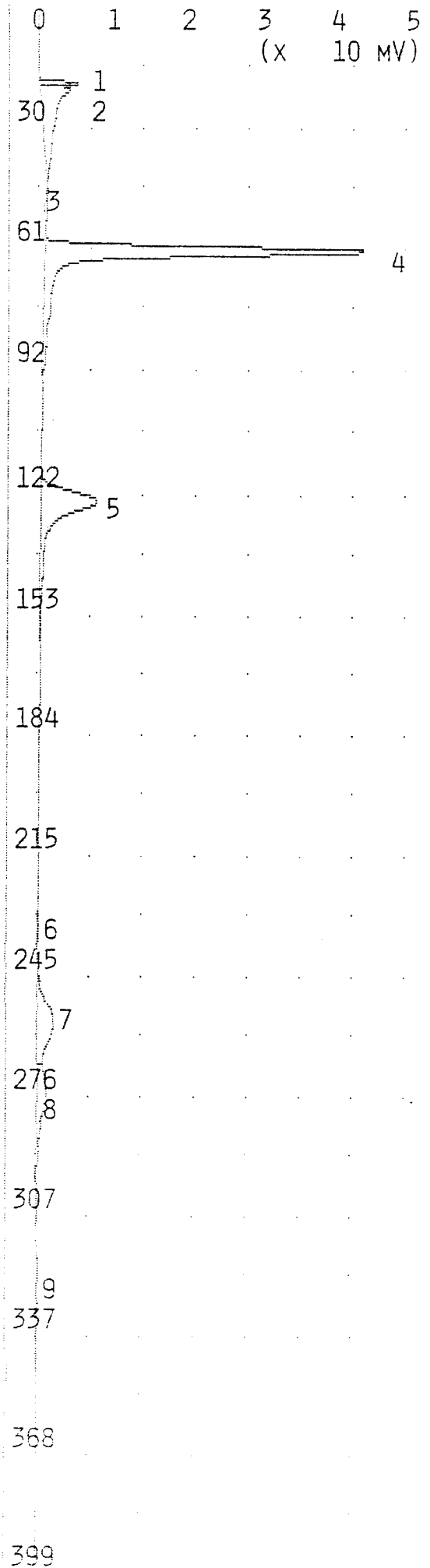
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	6.551	MVS	17.2
2	UNKNOWN	35.86	MVS	18.9
3	UNKNOWN	0.060	MVS	44.1
4	BENZENE	90.29	PPB	60.0
5	TOLUENE	82.71	PPB	122.4
6	UNKNOWN	0.641	MVS	225.4
7	ETHYLBENZENE	78.79	PPB	255.2
8	MP-XYLENE	143.7	PPB	274.1
9	O-XYLENE	71.43	PPB	322.1

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #17 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 17,94 16:45
SAMPLE TIME: NOV 17,94 16:34

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

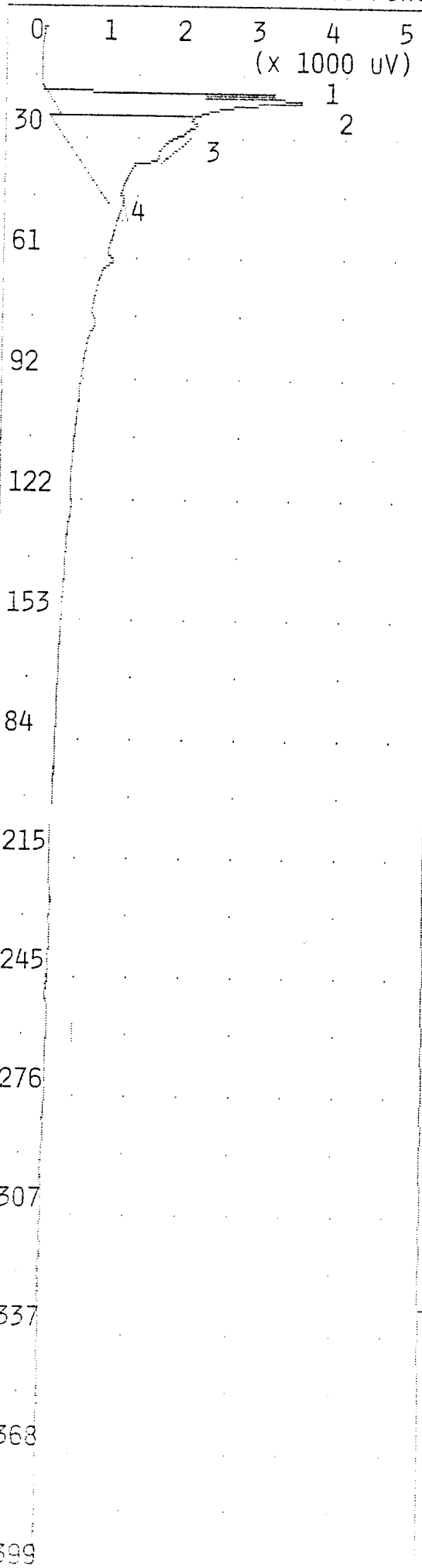
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	6.551	MVS	17.2
2	UNKNOWN	35.86	MVS	18.9
3	UNKNOWN	0.060	MVS	44.1
4	BENZENE	100.0	PPB	60.0
5	TOLUENE	100.0	PPB	122.4
6	UNKNOWN	0.641	MVS	225.4
7	ETHYLBENZENE	99.99	PPB	255.2
8	MP-XYLENE	199.9	PPB	274.1
9	O-XYLENE	100.0	PPB	322.1

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #18 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 17,94 16:55
SAMPLE TIME: Nov 17,94 16:48

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	30	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

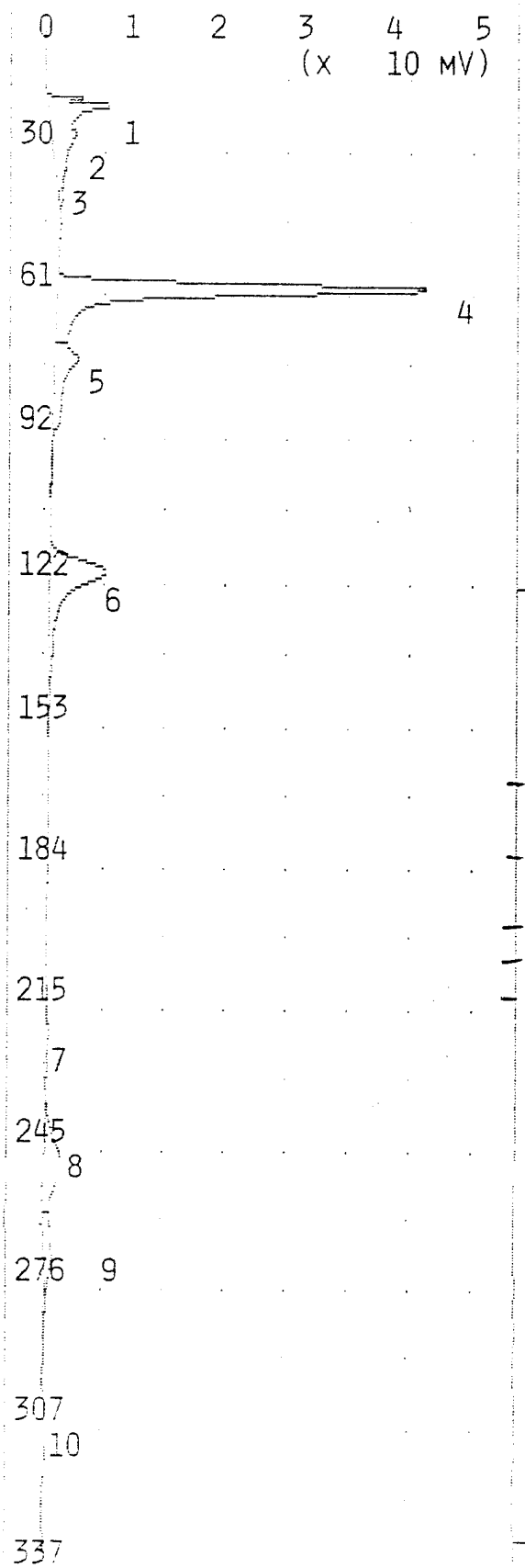
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.401 MVS	17.3
2	UNKNOWN	29.46 MVS	19.0
3	UNKNOWN	1.253 MVS	25.2
4	UNKNOWN	0.051 MVS	43.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
AIR BLANK

ANALYSIS #1 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 09:29
SAMPLE TIME: Nov 18,94 09:21

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	23	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

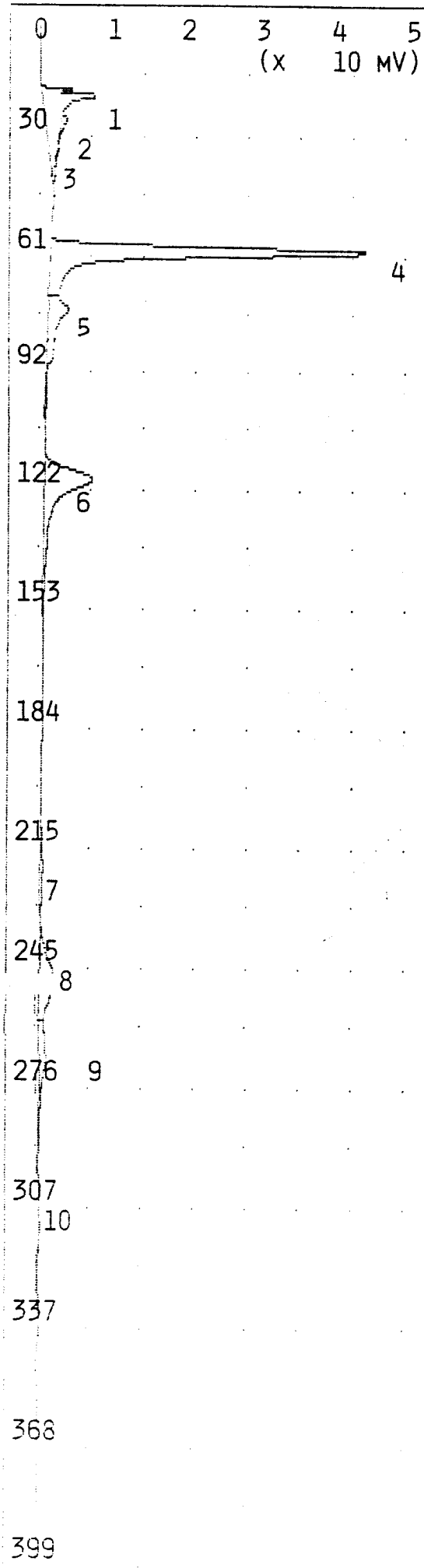
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	51.42 MVS	18.3
2	UNKNOWN	2.364 MVS	24.2
3	UNKNOWN	0.168 MVS	32.3
4	UNKNOWN	146.5 MVS	58.1
5	UNKNOWN	24.34 MVS	73.3
6	UNKNOWN	52.00 MVS	118.1
7	UNKNOWN	3.488 MVS	217.6
8	UNKNOWN	24.34 MVS	246.4
9	UNKNOWN	14.19 MVS	264.2
10	UNKNOWN	2.441 MVS	309.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #1 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 09:45
SAMPLE TIME: Nov 18,94 09:21

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	24	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

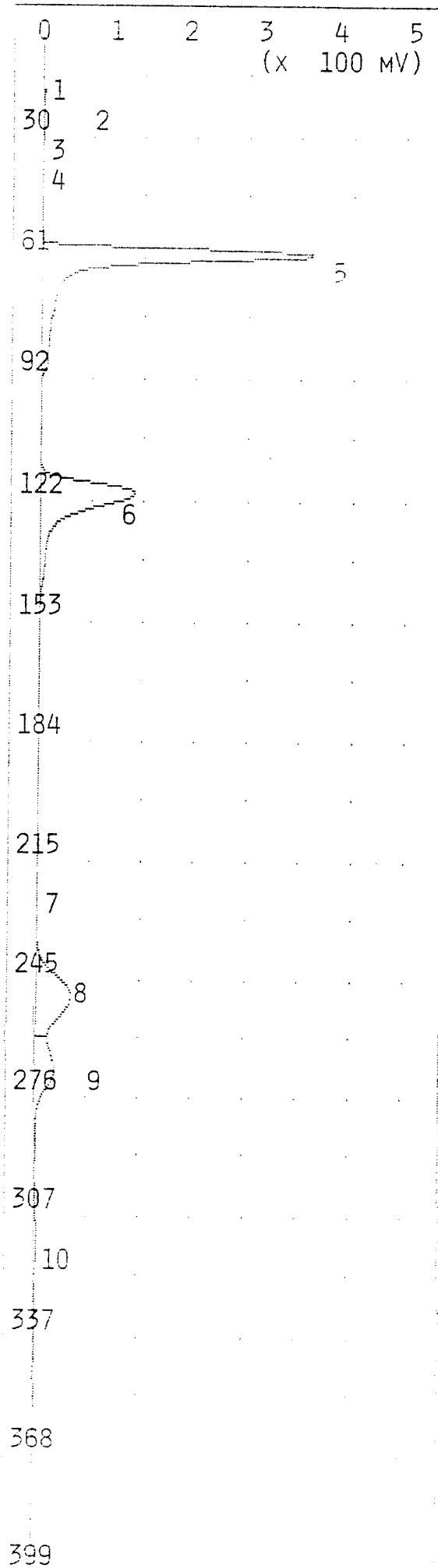
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	51.42	MVS	18.3
2	UNKNOWN	2.364	MVS	24.2
3	UNKNOWN	0.168	MVS	32.3
4	BENZENE	100.0	PPB	58.1
5	UNKNOWN	24.34	MVS	73.3
6	TOLUENE	100.0	PPB	118.1
7	UNKNOWN	3.488	MVS	217.6
8	ETHYLBENZENE	100.0	PPB	246.4
9	MP-XYLENE	200.0	PPB	264.2
10	O-XYLENE	100.0	PPB	309.6

NOTES

JOE BYRD, JR.
COOS BAY ANGS
100 PPB BTEX

ANALYSIS #2 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 09:57
SAMPLE TIME: Nov 18,94 09:50

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	24	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

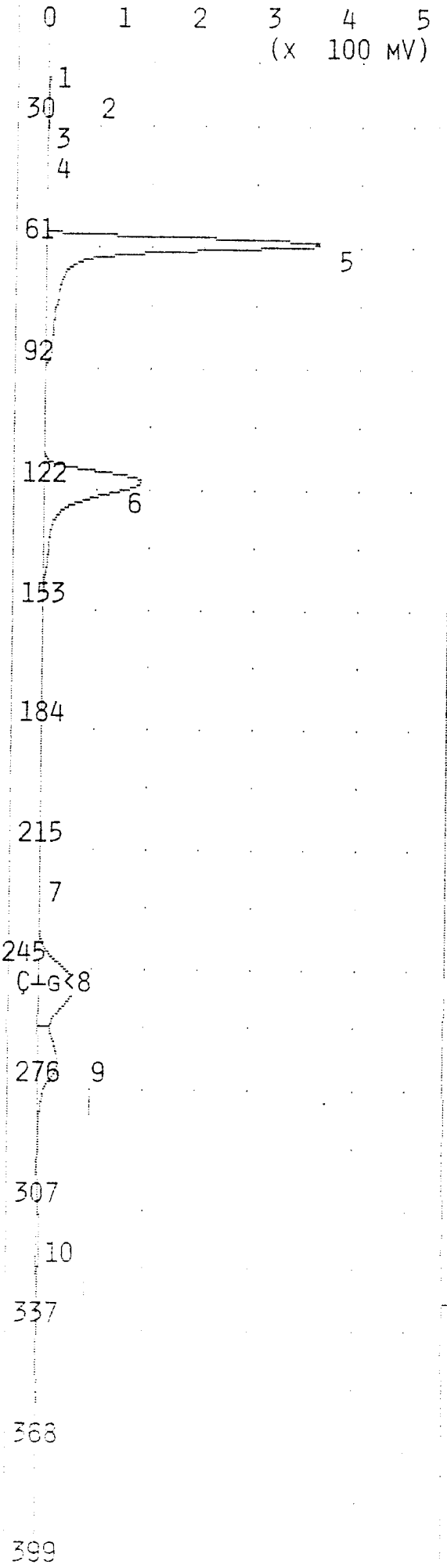
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	4.502	MVS	16.9
2	UNKNOWN	11.92	MVS	18.4
3	UNKNOWN	9.629	MVS	24.4
4	UNKNOWN	1.686	MVS	32.4
5	BENZENE	1.246	PPM	58.8
6	TOLUENE	2.099	PPM	118.6
7	UNKNOWN	0.878	MVS	217.8
8	ETHYLBENZENE	2.663	PPM	248.0
9	MP-XYLENE	5.257	PPM	266.4
10	O-XYLENE	3.714	PPM	313.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
1 PPM BTEX

ANALYSIS #2 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 10:01
SAMPLE TIME: NOV 18,94 09:50

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	25	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

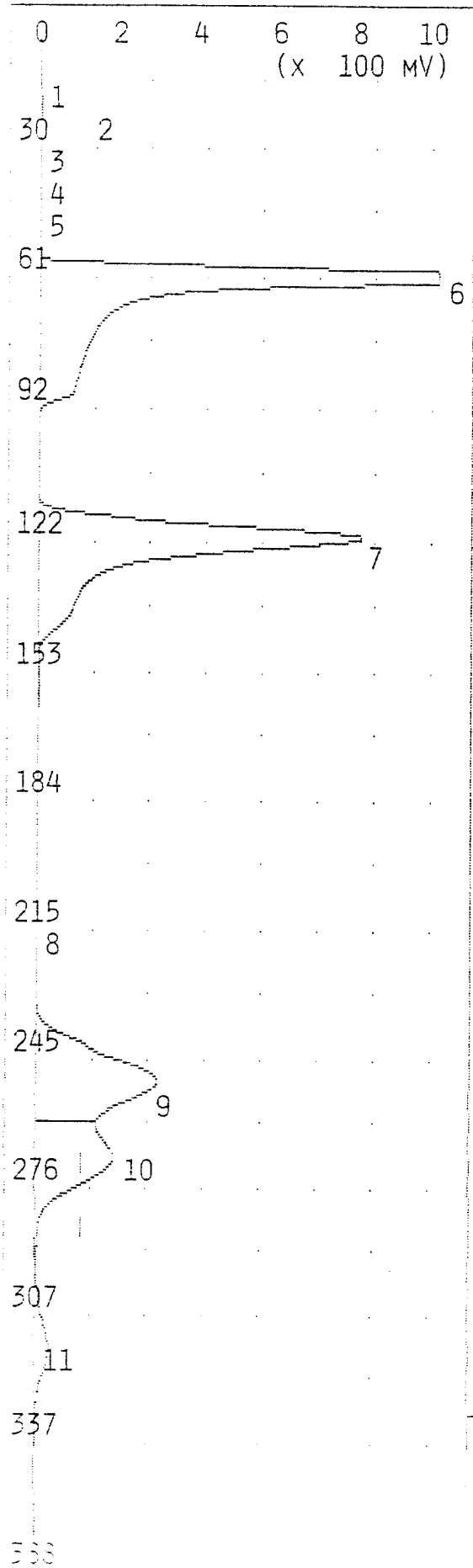
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	4.502	MVS	16.9
2	UNKNOWN	11.92	MVS	18.4
3	UNKNOWN	9.629	MVS	24.4
4	UNKNOWN	1.686	MVS	32.4
5	BENZENE	1.000	PPM	58.8
6	TOLUENE	1.000	PPM	118.6
7	UNKNOWN	0.878	MVS	217.8
8	ETHYLBENZENE	1.000	PPM	248.0
9	MP-XYLENE	2.000	PPM	266.4
10	O-XYLENE	1.000	PPM	313.0

NOTES

JOE BYRD, JR.
COOS BAY ANGS
1 PPM BTEX

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 10:12
SAMPLE TIME: NOV 18,94 10:05

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	25	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

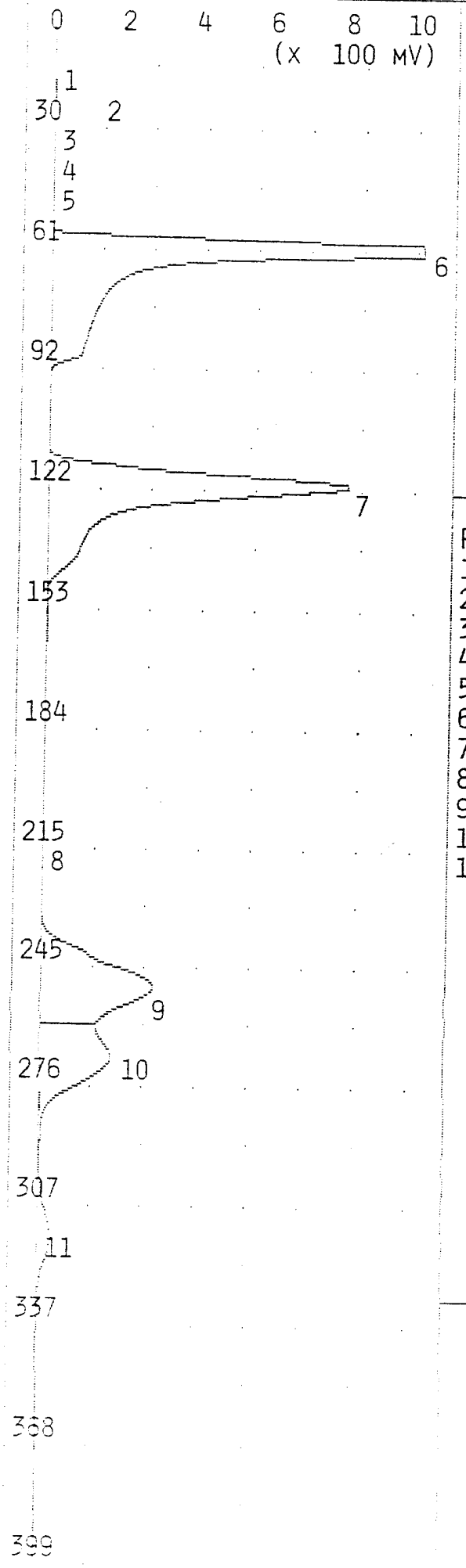
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	4.410	MVS	16.8
2	UNKNOWN	65.21	MVS	18.4
3	UNKNOWN	0.594	MVS	24.2
4	UNKNOWN	0.153	MVS	32.6
5	UNKNOWN	0.863	MVS	43.7
6	BENZENE	6.358	PPM	59.1
7	TOLUENE	6.922	PPM	119.6
8	UNKNOWN	2.261	MVS	214.6
9	ETHYLBENZENE	6.773	PPM	248.5
10	MP-XYLENE	15.10	PPM	266.6
11	O-XYLENE	6.549	PPM	312.5

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 PPM BTEX

ANALYSIS #3 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 10:17
SAMPLE TIME: NOV 18,94 10:05

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	25	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

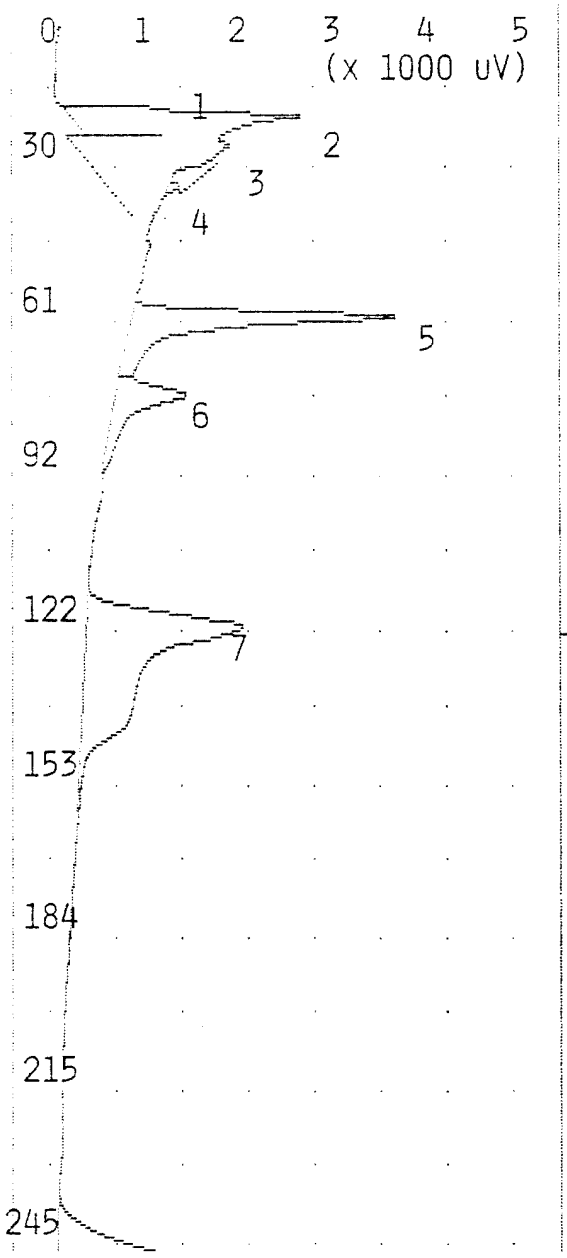
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	4.410	MVS	16.8
2	UNKNOWN	65.30	MVS	18.4
3	UNKNOWN	0.594	MVS	24.2
4	UNKNOWN	0.153	MVS	32.6
5	UNKNOWN	0.863	MVS	43.7
6	BENZENE	10.00	PPM	59.1
7	TOLUENE	10.00	PPM	119.6
8	UNKNOWN	2.261	MVS	214.6
9	ETHYLBENZENE	10.00	PPM	248.5
10	MP-XYLENE	20.00	PPM	266.6
11	O-XYLENE	10.03	PPM	312.5

NOTES

JOE BYRD, JR.
COOS BAY ANGS
10 PPM BTEX

ANALYSIS #4 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 10:27
SAMPLE TIME: Nov 18,94 10:20

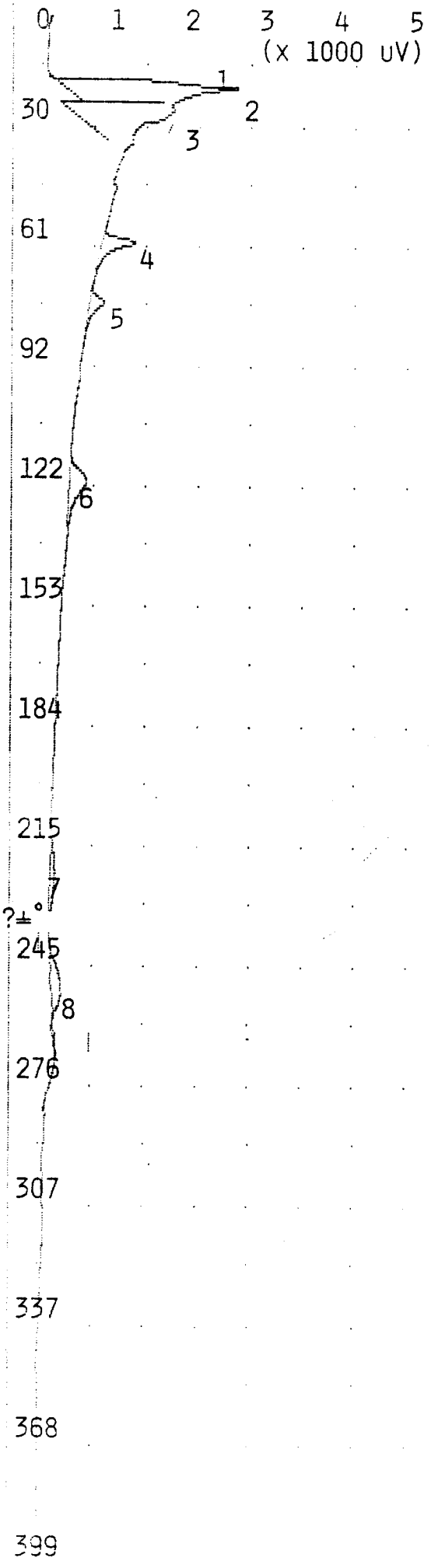
METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	1.172	MVS	17.0
2	UNKNOWN	19.51	MVS	18.4
3	UNKNOWN	0.990	MVS	24.3
4	UNKNOWN	0.176	MVS	32.4
5	BENZENE	7.479	PPB	58.5
6	UNKNOWN	4.405	MVS	74.0
7	TOLUENE	41.48	PPB	119.8
8	ETHYLBENZENE	95.31	PPB	250.1
9	MP-XYLENE	207.6	PPB	267.7
10	O-XYLENE	97.20	PPB	313.3

ANALYSIS #5 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 10:38
SAMPLE TIME: Nov 18,94 10:31

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

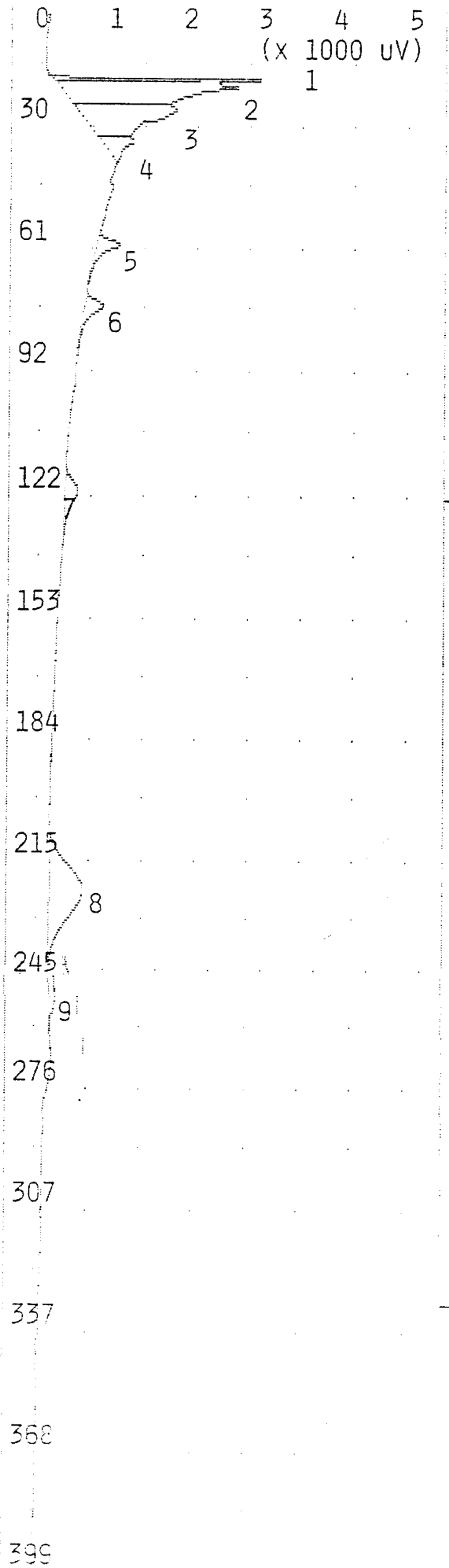
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	1.858	MVS	17.0
2	UNKNOWN	14.12	MVS	18.6
3	UNKNOWN	0.082	MVS	24.2
4	BENZENE	1.077	PPB	58.6
5	UNKNOWN	0.811	MVS	74.0
6	TOLUENE	3.094	PPB	119.4
7	UNKNOWN	0.729	MVS	219.4
8	ETHYLBENZENE	6.210	PPB	248.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
SF-001BH 1.0-2.0

ANALYSIS #6 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 10:49
SAMPLE TIME: NOV 18,94 10:42

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	26	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

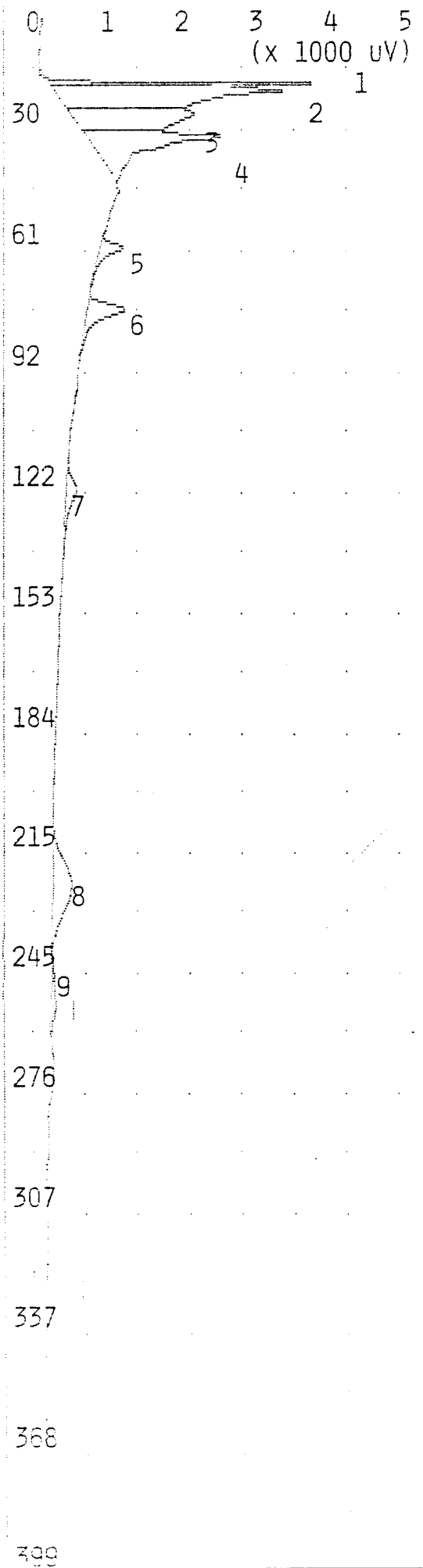
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.240 MVS	16.8
2	UNKNOWN	10.34 MVS	18.5
3	UNKNOWN	7.345 MVS	24.4
4	UNKNOWN	1.348 MVS	32.6
5	BENZENE	0.716 PPB	58.5
6	UNKNOWN	0.935 MVS	74.2
7	TOLUENE	2.200 PPB	119.4
8	UNKNOWN	6.889 MVS	220.4
9	ETHYLBENZENE	3.492 PPB	249.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
SF-003BH 5.5-6.5

ANALYSIS #7 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 10:59
SAMPLE TIME: NOV 18,94 10:52

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

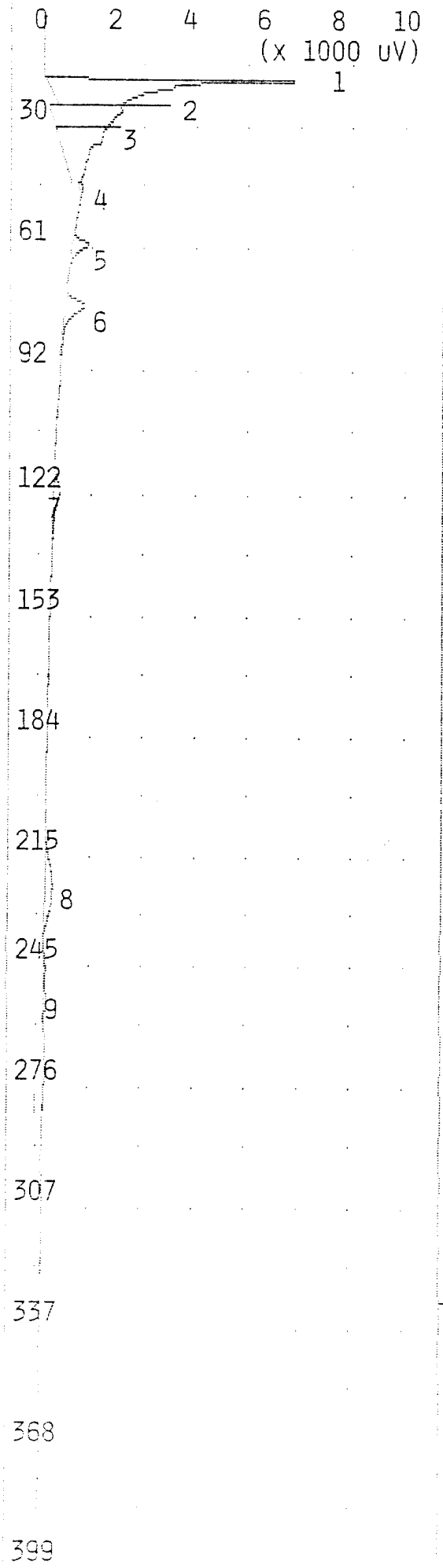
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC	R.T.
1	UNKNOWN	3.946 MVS	16.8
2	UNKNOWN	12.63 MVS	18.4
3	UNKNOWN	8.302 MVS	24.2
4	UNKNOWN	8.046 MVS	30.5
5	BENZENE	0.717 PPB	58.8
6	UNKNOWN	2.162 MVS	74.2
7	TOLUENE	1.758 PPB	119.2
8	UNKNOWN	3.949 MVS	220.4
9	ETHYLBENZENE	1.866 PPB	248.2

NOTES

JOE BYRD, JR.
COOS BAY ANG
TS-002BH 8.0-9.0

ANALYSIS #8 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: NOV 18,94 11:10
SAMPLE TIME: NOV 18,94 11:03

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

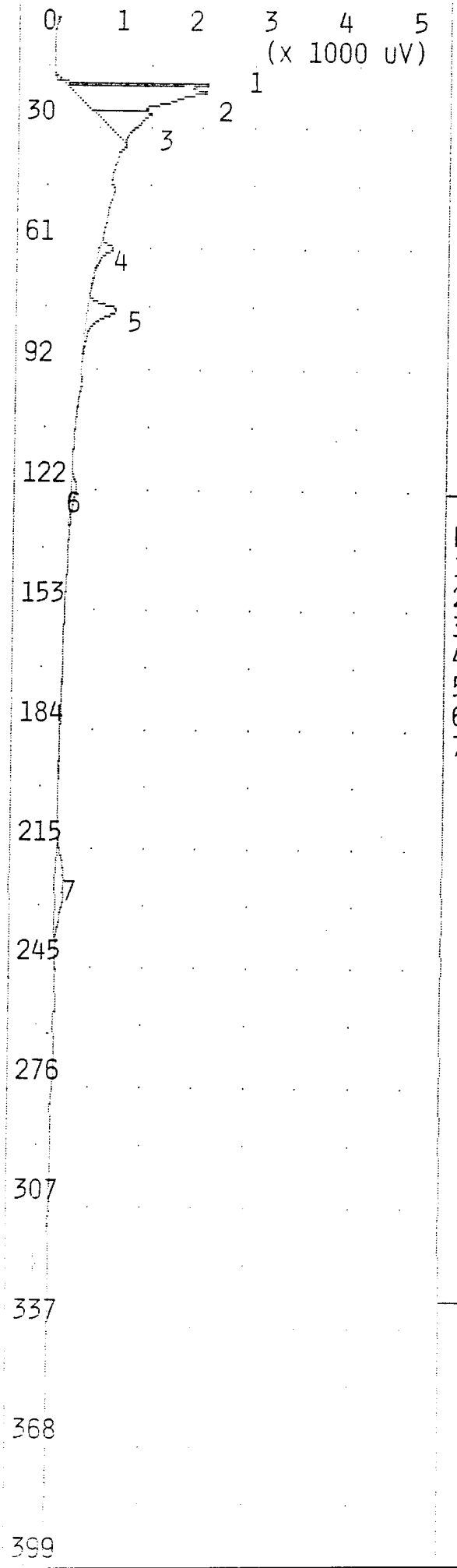
PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	7.949	MVS	16.8
2	UNKNOWN	14.11	MVS	18.4
3	UNKNOWN	16.48	MVS	24.3
4	UNKNOWN	0.224	MVS	44.0
5	BENZENE	0.923	PPB	58.7
6	UNKNOWN	2.042	MVS	74.1
7	TOLUENE	2.072	PPB	120.0
8	UNKNOWN	2.848	MVS	220.2
9	ETHYLBENZENE	2.004	PPB	248.8

NOTES

JOE BYRD, JR.
COOS BAY ANGS
A40-003BH 1.0-2.0

ANALYSIS #9 10S+ GC FUNCTION ANALYSIS REPORT



TIME PRINTED: Nov 18,94 11:20
SAMPLE TIME: Nov 18,94 11:13

METHOD

SLOPE UP	0.500	MV/SEC
SLOPE DOWN	1.500	MV/SEC
MIN AREA	0.000	MVSEC
MIN HEIGHT	0.000	MV
ANALYSIS DELAY	0.0	SEC
WINDOW PERCENT	10.0	%
DET FLOW	13	ML/MIN
B/F FLOW	13	ML/MIN
AUX FLOW	0	ML/MIN
OVEN TEMP	40	C
AMB TEMP	27	C
MAX GAIN	1000	
ANALYSIS TIME	430.0	SEC

PEAK REPORT

PK	COMPOUND NAME	AREA/CONC		R.T.
1	UNKNOWN	2.343	MVS	17.4
2	UNKNOWN	7.888	MVS	19.1
3	UNKNOWN	3.296	MVS	25.2
4	BENZENE	0.416	PPB	59.4
5	UNKNOWN	1.704	MVS	75.2
6	TOLUENE	0.804	PPB	121.2
7	UNKNOWN	1.615	MVS	221.6

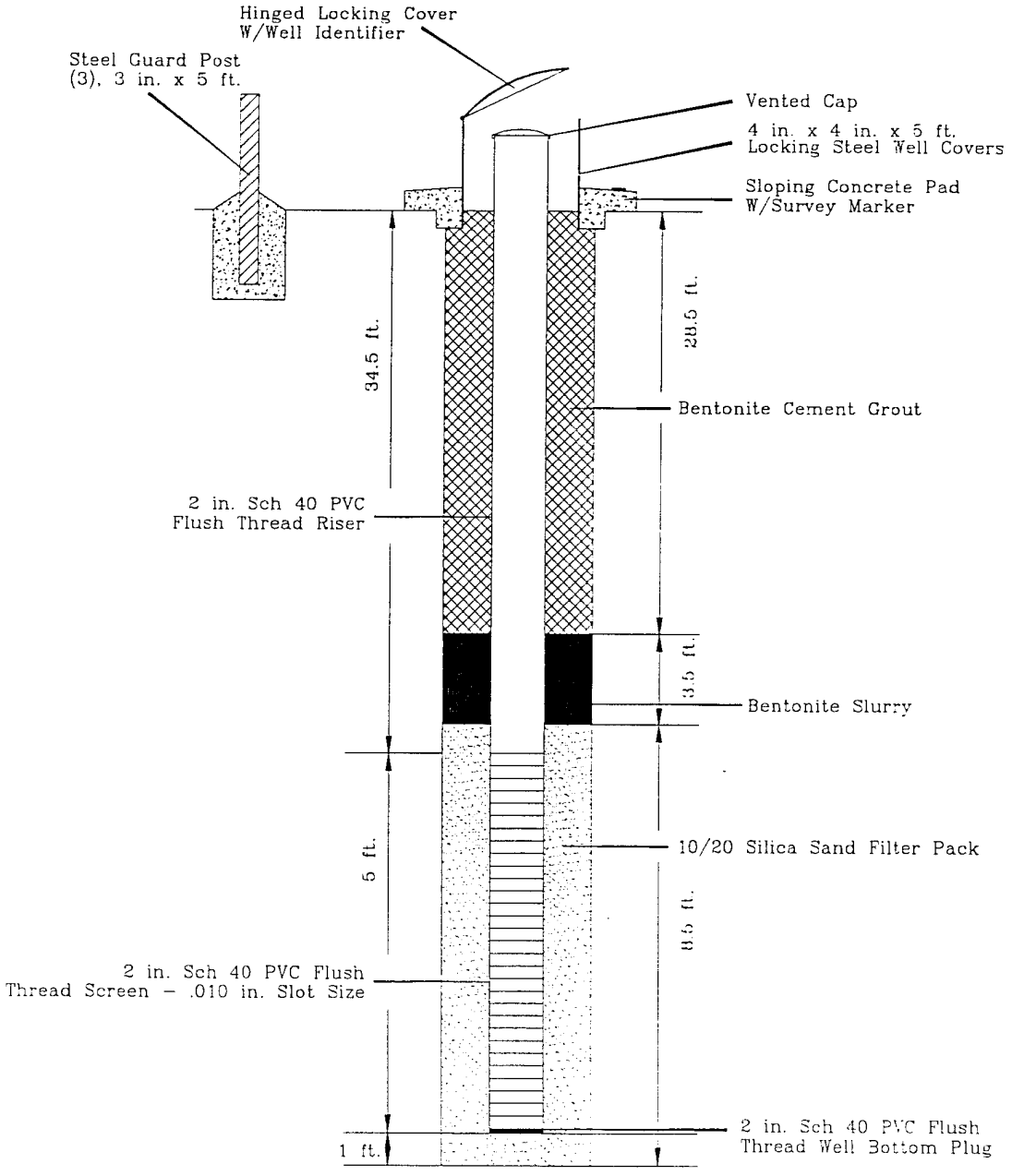
NOTES

JOE BYRD, JR.
COOS BAY AN S
SF-002BH 5.0-6.0

APPENDIX D

PIEZOMETER CONSTRUCTION DIAGRAMS

Project:	COOS BAY PA/SI	Date Installed:	11/14/94
Town/City:	CHARLESTON, OREGON	Drilling Contractor:	CASCADE DRILLING
County:	COOS State: OREGON	Drilling Method:	HOLLOW-STEM AUGER
TOC Elev:	150.00 FT.	Borehole Diameter:	9 INCHES
Ground Elev.:	148.23 FT.	Development Technique:	BAILER
Water Level:	40.54 FT. FROM TOC		
Total Well Depth:	39.5 FT.		Not To Scale

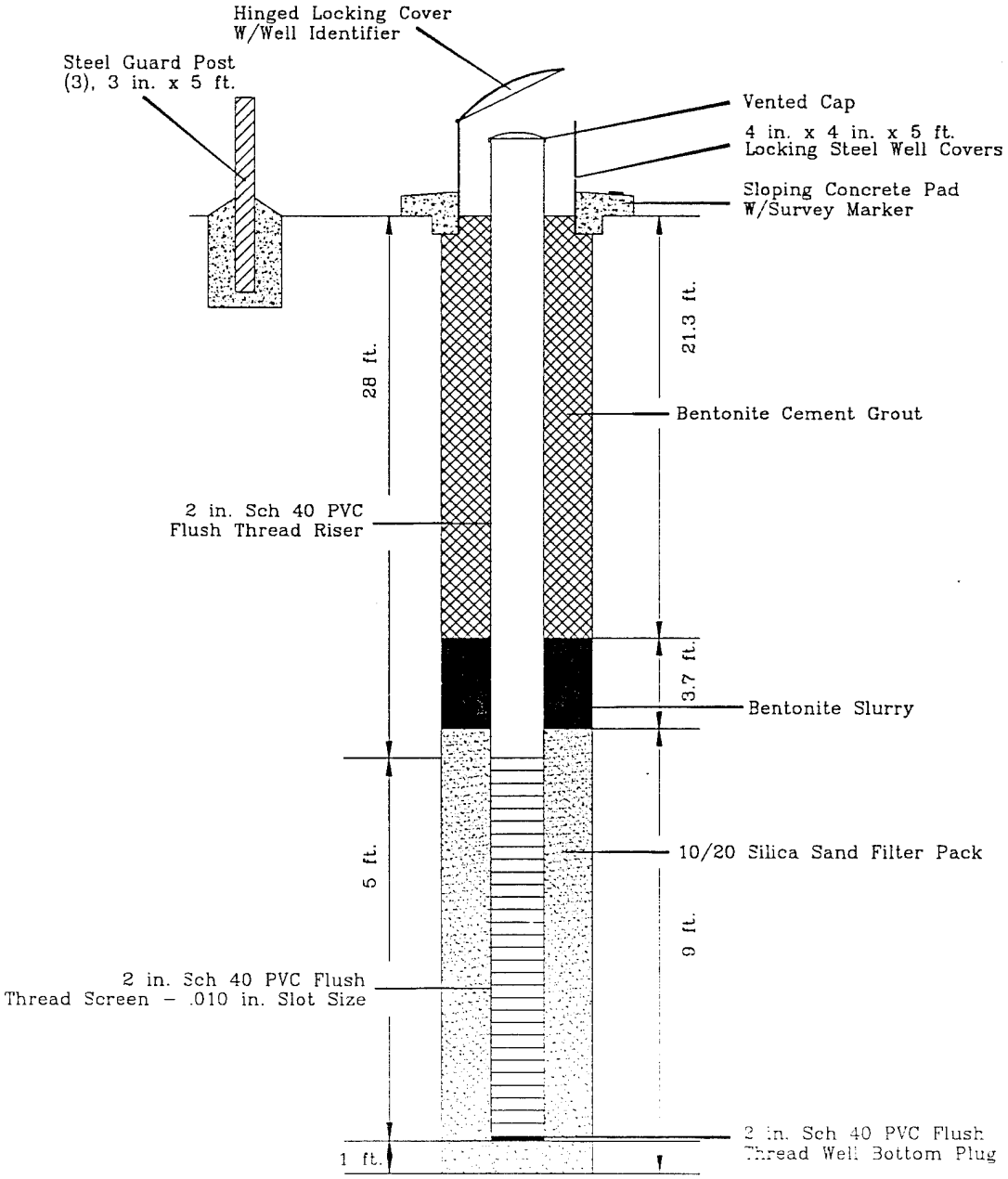


PIEZOMETER CONSTRUCTION LOG
WELL NO. CB-001PZ

CPTECH
OPERATIONAL TECHNOLOGIES CORPORATION

JANUARY 1995 COOS/MONLOG

Project:	COOS BAY PA/SI	Date Installed:	11/14/94
Town/City:	CHARLESTON, OREGON	Drilling Contractor:	CASCADE DRILLING
County:	COOS State: OREGON	Drilling Method:	HOLLOW-STEM AUGER
TOC Elev:	131.21 FT.	Borehole Diameter:	9 INCHES
Ground Elev.:	129.48 FT.	Development Technique:	BAILER
Water Level:	27.23 FT. FROM TOC		
Total Well Depth:	34.0 FT.	Not To Scale	

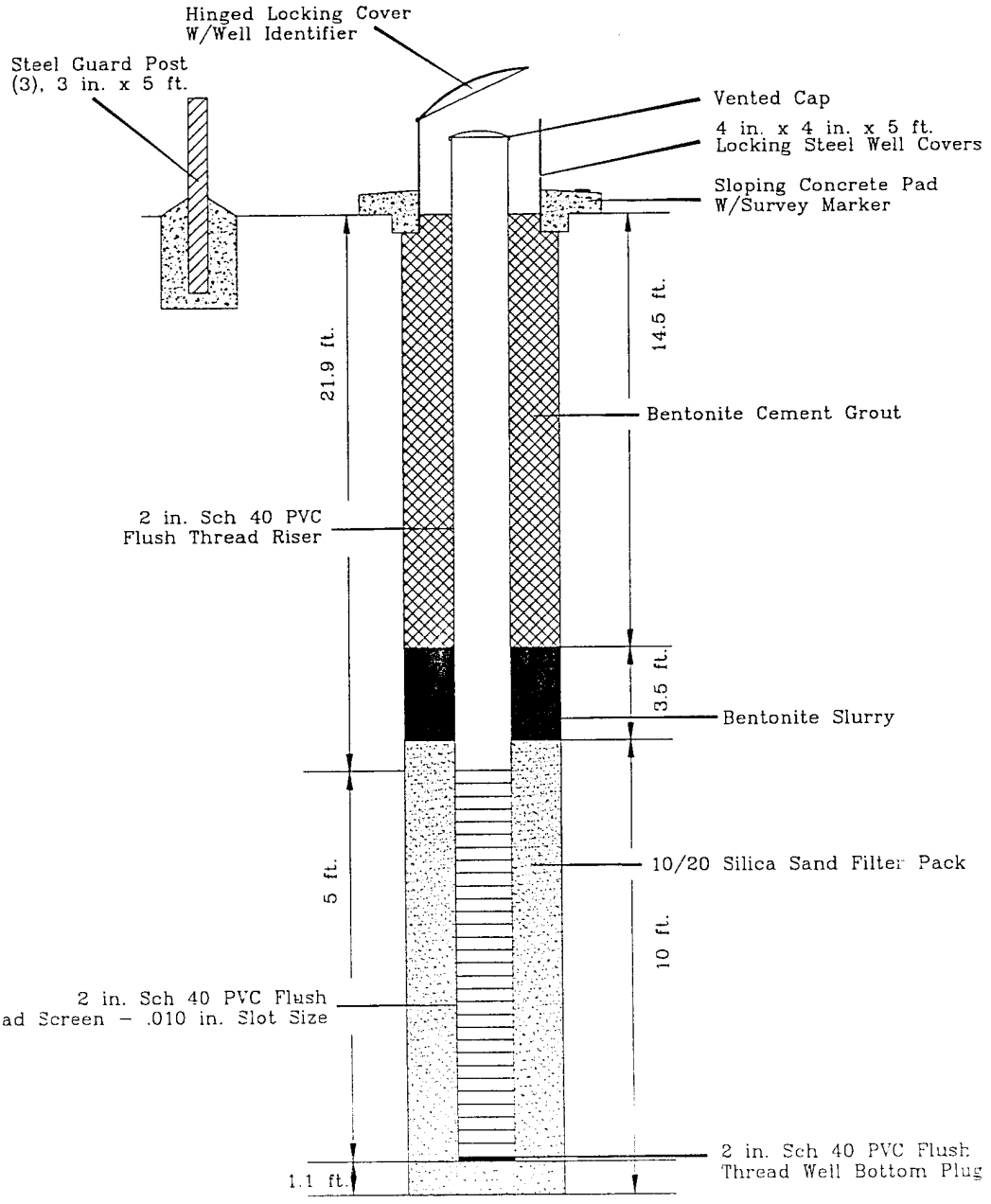


PIEZOMETER CONSTRUCTION LOG
WELL NO. CB-002PZ

OPTECH
OPERATIONAL TECHNOLOGIES CORPORATION

JANUARY 1995 COOS/MONLOG2

Project:	COOS BAY PA/SI	Date Installed:	11/11/94
Town/City:	CHARLESTON, OREGON	Drilling Contractor:	CASCADE DRILLING
County:	COOS State: OREGON	Drilling Method:	HOLLOW-STEM AUGER
TOC Elev:	105.63 FT.	Borehole Diameter:	9 INCHES
Ground Elev.:	103.34 FT.	Development Technique:	BAILER
Water Level:	19.22 FT. FROM TOC		
Total Well Depth:	28 FT.		Not To Scale

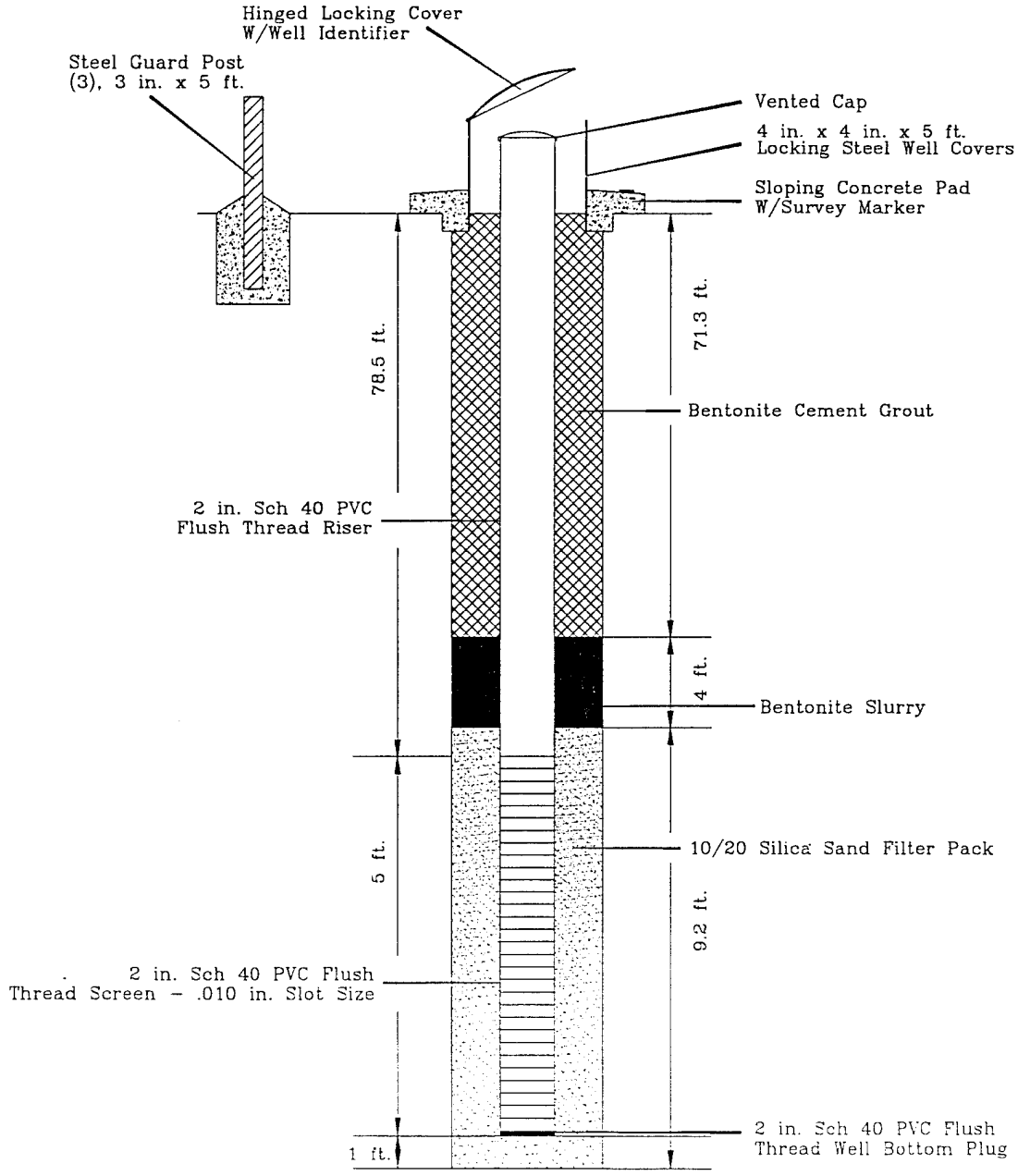


PIEZOMETER CONSTRUCTION LOG
WELL NO. CB-003PZ

OPTECH
OPERATIONAL TECHNOLOGIES CORPORATION

JANUARY 1995 COOS/MONLOG3

Project:	COOS BAY PA/SI	Date Installed:	11/12/94
Town/City:	CHARLESTON, OREGON	Drilling Contractor:	CASCADE DRILLING
County:	COOS State: OREGON	Drilling Method:	HOLLOW-STEM AUGER
TOC Elev:	97.15 FT.	Borehole Diameter:	9 INCHES
Ground Elev.:	95.59 FT.	Development Technique:	BAILER
Water Level:	69.01 FT. FROM TOC		
Total Well Depth:	84.5 FT.		Not To Scale

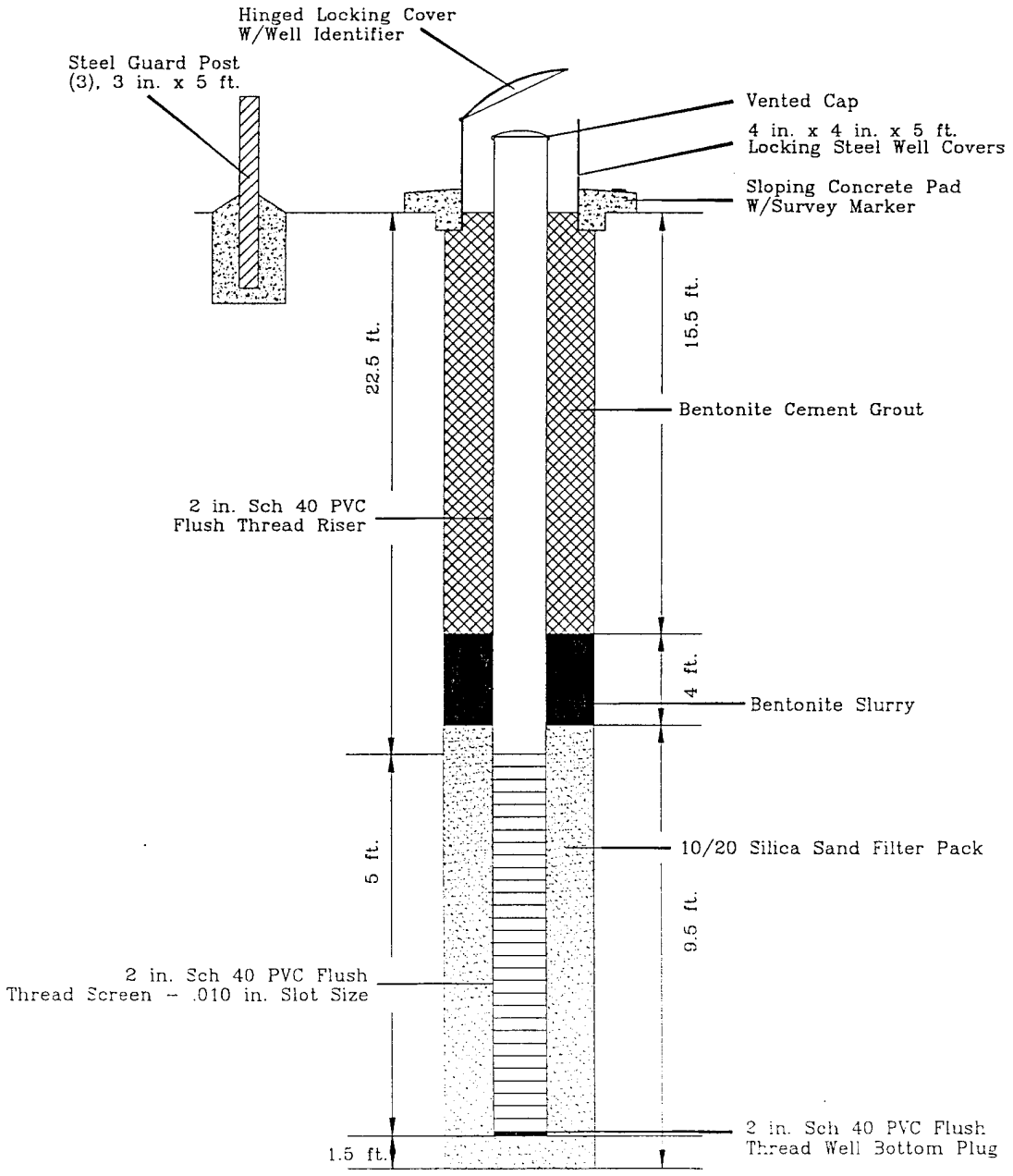


PIEZOMETER CONSTRUCTION LOG
WELL NO. CB-004PZ

OPTECH
OPERATIONAL TECHNOLOGIES CORPORATION

JANUARY 1995 COOS/MONLOG4

Project:	COOS BAY PA/SI	Date Installed:	11/15/94
Town/City:	CHARLESTON, OREGON	Drilling Contractor:	CASCADE DRILLING
County:	COOS State: OREGON	Drilling Method:	HOLLOW-STEM AUGER
TOC Elev:	110.59 FT.	Borehole Diameter:	9 INCHES
Ground Elev.:	110.92 FT.	Development Technique:	BAILER
Water Level:	18.18 FT. FROM TOC		
Total Well Depth:	29 FT.		Not To Scale



PIEZOMETER CONSTRUCTION LOG
WELL NO. CB-005PZ

OPTECH
OPERATIONAL TECHNOLOGIES CORPORATION

JANUARY 1995 COOS/MON:005