NUCON International, Inc.
P.O. BOX 29151 7000 HUNTLEY ROAD
COLUMBUS, OHIO 43229 U.S.A.

TELEPHONE: (614) 846-5710
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PYROLYSIS GAS CHROMATOGRAPHY

ANALYSIS OF 9 THERMO-LAG

FIRE BARRIER SAMPLES

Performed For:

Illinois Power Company
Clinton Power Station
RR 3, P. O. Box 678
(Rt. 54 E.)
Clinton, IL 61727

P. O. Number PO554603

2 August 1995

Distribution

Clinton: Brian Ford (1)
Ram P. Bhat (1)

NEI: Biff Bradley (1)

NUCON: 06IL902 Master File (1)
Lab (1)

NUCON 06IL902/01

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	Prepared By	Reviewed By
Original Issue	W. P. Freeman	T. S. Keller
	8 Aug 1975	8 Aug 1975
	Date	Date

NUCON 06IL902/01

I. ABSTRACT

Inspection of the pyrograms of 9 Thermo-Lag fire barrier samples indicated that they are all similar in chemical composition.

II. OBJECTIVE

Pyrolysis Gas Chromatography (PGC) with Mass Selective Detection (MSD) was used to qualitatively compare nine Thermo-Lag fire barrier samples.

III. DESCRIPTION OF METHOD

The samples were compared by pyrolysis gas chromatography using ASTM D3452 as a general guide. A Hewlett-Packard model 5890 series II gas chromatograph equipped with a Hewlett Packard model 5972 mass selective detector was used to generate chromatograms of the pyrolysis products. Pyrolysis of the Thermo-Lag samples were performed with a CDS pyroprobe mounted in an independently heated interface attached to the injection port of the GC. Analysis involved weighing 1-3 mgs. of sample in a quartz tube and placement of the tube in the platinum coil element of the probe. The probe is then placed in the interface and pyrolysed ballistically for 2 seconds. Pyrolytic products are then swept by the carrier gas onto the fused silica capillary column where they are separated and detected with a MSD. Chromatographic and pyrolysis conditions are shown in Table 1. Prior to each analysis, the column is heated to 250°C to elute any volatiles which were not entrained in the polymer.

IV. PRESENTATION OF RESULTS

The nine pyrograms (total ion chromatograms) for each of the nine Thermo-Lag samples are shown in Figures 1, 3, 5, 7, 9, 11, 13, 15 and 17. The extracted ion chromatograms using the acrylate base ion m/e of 55 common to ethyl acrylate (EA) and m/e of 69 common to methyl methacrylate (MMA) for each sample are shown in Figures 2, 4, 6, 8,10, 12, 14, 16 and 18. The sample name at the top of each figure is the NUCON Log # I. D. Samples 0595-19 A-I are further identified in Table 2 along with their respective EA/MMA area ratios. Each set of figures is followed by a library search, which identifies some of the major peaks from each sample's pyrogram, and a summary area percent report.

V. DISCUSSION OF RESULTS

The average extracted ion area ration for EA/MMA of 1.23 $\pm$0.08 ($\pm\sigma$) shown in Table 2 is consistent with the average area ratio of 1.3 $\pm$ 0.2 ($\pm\sigma$) obtained from other Thermo-Lag samples tested under the NEI generic testing program.

The extracted ion chrom ato grams shown in Figure 2 for sample 0595-19A, a 1 hour rated conduit sample, have an EA/MMA ration of 1.28. Pyridine compounds identified in the pyrogram (Figure 1) are 3 - methyl pyridine, 3,5 dimethyl pyridine, 2,3,5 - tremethyl pyridine and 5 - ethenyl - 2 methyl pyridine. Other key components identified are 2, 3, 4, 5 - tetramethyl - 1H - pyrrole, pentanedioic acid diethyl ester (visual inspection), triphenyl phosphate, octicizer and tris (methylphenyl) phosphate.

The extracted ion chromatograms shown in Figure 4 for sample 0595-19B, a 1 hour rated panel sample, have an EA/MMA ration of 1.31. Pyridine compounds identified in the pyrogram (Figure 3) are 3 - methyl pyridine, 3, 5 - dimethyl pyridine, 2, 3, 5 - trimethyl pyridine and 3 - ethyl - 5 - methyl pyridine. Other key components indentified are 2, 3, 4, 5 - tetramethyl - 1H - pyrrole, pentanedioic acid diethyl ester, tris (methylphenyl) phosphate and octicizer.

The extracted ion chromatograms shown in Figure 6 for sample 0595-19C, a 1 hour rated panel sample, have an EA/MMA ratio of 1.16. Pyridine compounds identified in the pyrogram (Figure 5) are pyridine, 3 - methyl pyridine and 3, 5 - dimethyl pyridine. Other key components identified are 2, 3, 4, 5 - tetramethyl - 1H - pyrrole, pentanedioic acid diethyl ester, triphenyl phosphate, octicizer and tris (methylphenyl) phosphate.

The extracted ion chromatograms shown in Figure 8 for sample 0595-19D, a 1 hour rated panel sample, have an EA/MMA ratio of 1.11. Pyridine compounds identified in the pyrogram (Figure 7) are 3 - methyl pyridine and 3, 5 - dimethyl pyridine (visual inspection). Other key components identified are 2, 3, 4, 5 - tetramethyl - 1H - pyrrole (visual inspection), pentanedioic acid diethyl ester (visual inspection), triphenyl phosphate, octicizer and tris (methylphenyl) phosphate.

The extracted ion chromatograms shown in Figure 10 for sample 0595-19E, a 1 hour rated conduit sample, have an EA/MMA ratio of 1.19. Pyridine compounds identified in the pyrogram (Figure 9) are pyridine, 3 - methyl pyridine and 3, 5 - dimethyl pyridine. Other key components identified are 2, 3, 4, 5 - tetramethyl - 1H - pyrrole, pentanedioic acid diethyl ester, triphenyl phosphate, octicizer and tris (methylphenyl) phosphate.

The extracted ion chromatograms shown in Figure 12 for sample 0595-19F, a 1 hour rated panel sample, have an EA/MMA ratio of 1.26. Pyridine compounds identified in the pyrogram (Figure 11) are 3 - methyl pyridine and 3, 5 - dimethyl pyridine(visual

inspection). Other key components identified are 2, 3, 4, 5 - tetramethyl - 1H - pyrrole, pentanedioic acid diethyl ester, triphenyl phosphate, octicizer and tris (methylphenyl) phosphate.

The extracted ion chromatograms shown in Figure 14 for sample 0595-19G, a 1 hour rated conduit sample, have an EA/MMA ratio of 1.24. Pyridine compounds identified in the pyrogram (Figure 13) are 3 - methyl pyridine and 3, 5 - dimethyl pyridine, 2, 3, 5 - trimethyl pyridine, 3 - ethyl - 5 - mehtyl pyridine and 5 - ethenyl - 2 - methyl pyridine. Other key components identified are 2, 3, 4, 5 - tetramethyl - 1H- pyrrole, pentanedioic acid diethyl ester, triphenyl phosphate, octicizer and tris (methylphenyl) phosphate.

The extracted ion chromatograms shown in Figure 16 for sample 0595-19H, a 1 hour rated panel sample, have an EA/MMA ratio of 1.35. Pyridine compounds identified in the pyrogram (Figure 15) are 3 - methyl pyridine and 3, 5 - dimethyl pyridine (visual inspection). Other key components identified are 2, 3, 4, 5 - tetramethyl - 1H - pyrrole, pentanedioic acid diethyl ester, triphenyl phosphate, octicizer and tris (methylphenyl) phosphate.

The extracted ion chromatograms shown in Figure 18 for sample 0595-19I, a trowel grade sample, have an EA/MMA ratio of 1.13. Pyridine compounds identified in the pyrogram (Figure 17) are pyridine, 3 - methyl pyridine and 3, 5 - dimethyl pyridine. Other key components identified are 2, 3, 4, 5 - tetramethyl - 1H - pyrrole, pentanedioic acid diethyl ester, triphenyl phosphate, octicizer and tris (methylphenyl) phosphate.

In conclusion, the results indicate that the nine Thermo-Lag samples are consistent in terms of chemical composition to other Thermo-Lag samples tested as part of the NEI generic testing program.

TABLE 1

Chromatographic Conditions:

30 meter 0.25 mm narrow bore fused silica HP-5 CB capillary column.

Carrier Gas: Helium, 0.9 mL/min, split ratio 35:1

Column Conditions:

Initial Temperature: 50°C for 1 minute hold

Temperature Ramp: 8°C/min to 250°C

Final Temperature: Hold at 250°C for 10 minutes

Injector Temperature: 250°C

Detector Temperature: 280°C

Detector was an HP MSD in scan mode (30-550 amu)

Pyrolysis Conditions:

Pyrolysis Temperature: 650°C

Interval: 2 seconds

Ramp: 2°C/millisecond

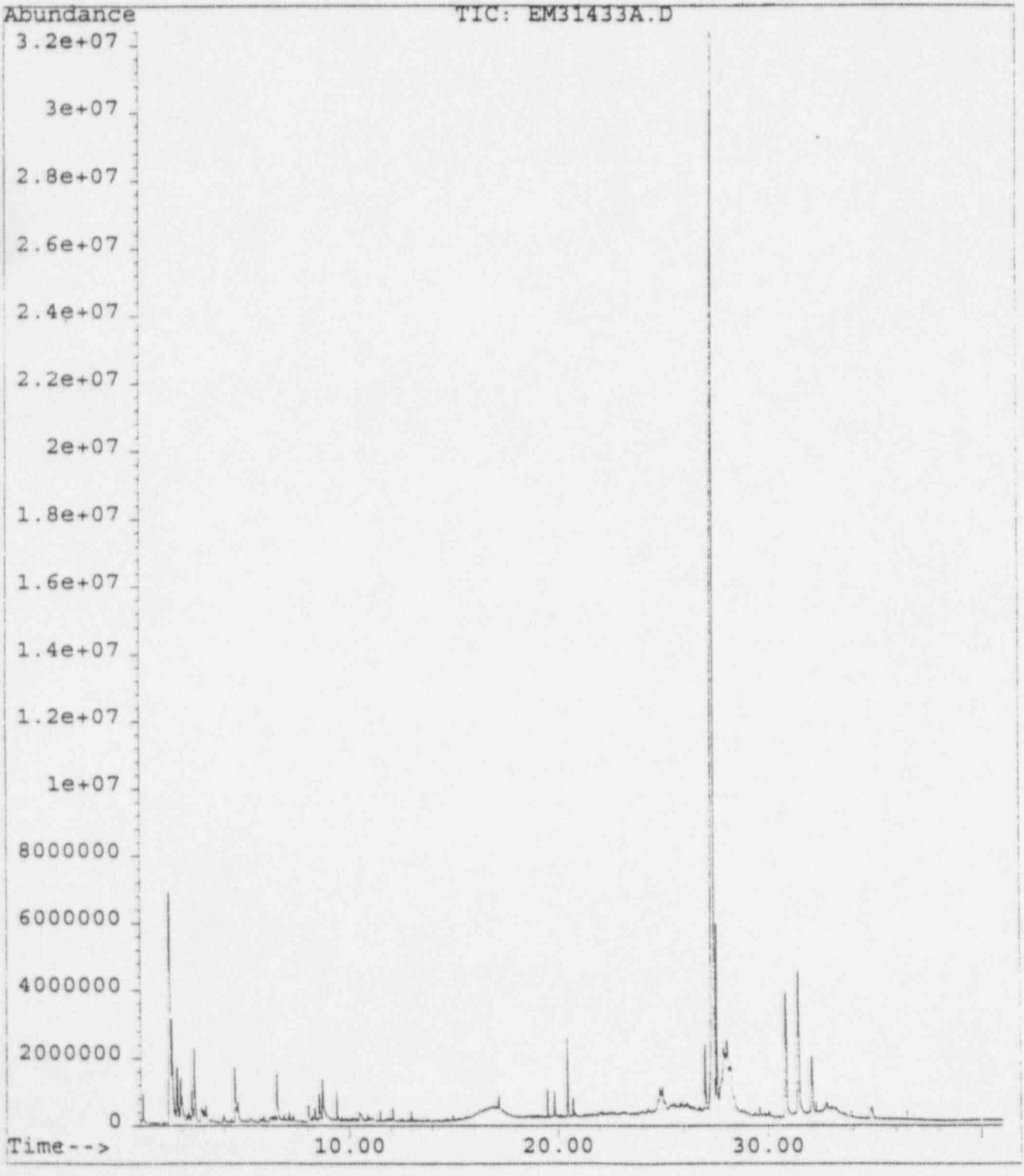
Probe Type: Platinum Coil

Interface Temperature: 205°C

TABLE 2	
Sample	**EA/MMA Ratio**
NUCON Log # 0595-19A, Firezone CB-5A Sample N, Half #1, Thermo-lag 1" Conduit CC34A Thermo-lag 330-1 Lot No. F9-126010	1.28
NUCON Log # 0595-19B, Sample P Half #1, Firezone CB-5A, Thermo-lag 1" Panel CC34A, Thermo-lag 330 Lot No. F9-96 02 8	1.31
NUCON Log # 0595-19C, Sample M, Firezone CB-5A Thermo-lag 1" Panel CC34A, Thermo-lag Lot # F9-96029, Half #1	1.16
NUCON Log # 0595-19D, Sample Q, Firezone CB-5A Thermo-lag 1" Panel CC34A, Thermo-lag Lot # F9-86013, Half #1	1.11
NUCON Log # 0595-19E, Sample E, Firezone CB-5A, Thermo-lag 1" Conduit, CC34A Thermo-lag 330-1 Lot # F9-017030, Half #1	1.19
NUCON Log # 0595-19F, Sample L, Firezone CB-5A, Half #1, Thermo-lag 1" Panel, CC33, Thermo-lag 330-1 Lot # F9-96014	1.26
NUCON Log # 0595-19G, Sample H, Firezone CB-5A, Half #1, Thermo-lag 1" Conduit, CC33 Thermo-lag 330-1 Lot # F9-017007	1.24
NUCON Log # 0595-19H, Sample O, Firezone CB-5A, Half #1, Thermo-lag 1" Panel, CC33 Thermo-lag 330-1 Lot # F9-126012	1.35
NUCON Log # 0595-19I, Sample A, Firezone CB-4, Half #1, Thermo-lag Trowel Grade CC34, Thermo-lag 330-1 Lot # 9-126009	1.13
Average	1.23 $\pm$0.08

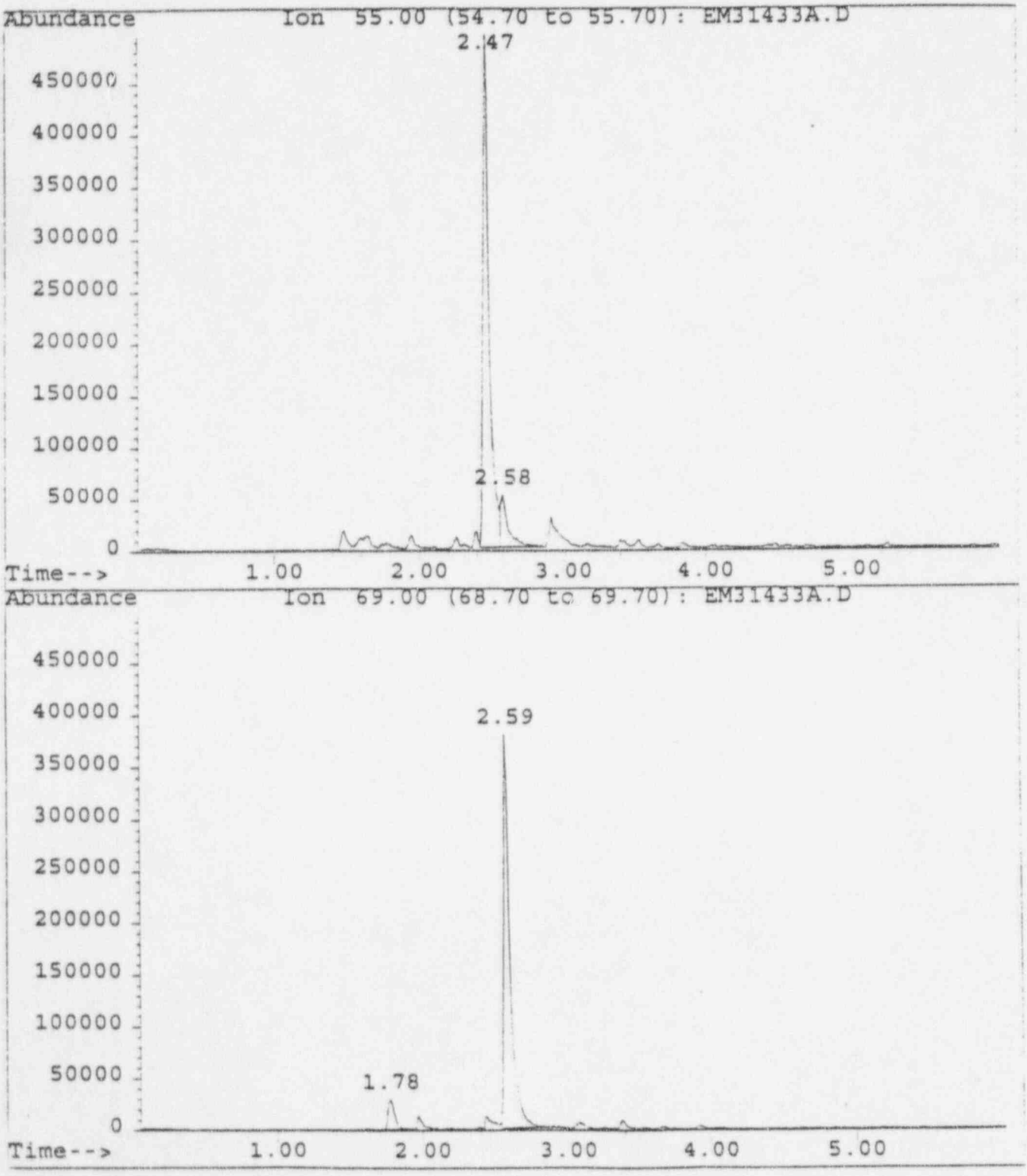
File : C:\HPCHEM\1\DATA\EM31433A.D
Operator : Marti
Acquired : 21 Jul 95 4:42 pm using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19a
Misc Info :
Vial Number: 1

FIGURE 1



File : C:\HPCHEM\1\DATA\EM31433A.D
Operator : Marti
Acquired : 21 Jul 95 4:42 pm using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19a
Misc Info :
Vial Number: 1

FIGURE 2



Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433A.D
Operator : Marti
Acquired : 21 Jul 95 4:42 pm using AcqMethod EM31492
Sample Name: 0595-19a
Misc Info :
Vial Number: 1

Search Libraries: C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Params: events.e

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	0.19	0.15	C:\DATABASE\NBS75K.L			
			Benzenemethanol, 4-hydroxy-.alpha.	68042	000094-07-5	50
			2-Ethoxyamphetamine	17481	000000-00-0	40
			3-Ethoxyamphetamine	17482	000000-00-0	40
2	1.42	9.32	C:\DATABASE\NBS75K.L			
			No matches found			
3	1.54	3.14	C:\DATABASE\NBS75K.L			
			No matches found			
4	1.78	1.55	C:\DATABASE\NBS75K.L			
			2-Propenal, 2-methyl-	62430	000078-85-3	90
			2-Butenal, (E)-	214	000123-73-9	87
			Furan, 2,5-dihydro-	62434	001708-29-8	86
5	1.94	0.93	C:\DATABASE\NBS75K.L			
			Furan, 2-methyl-	463	000534-22-5	91
			Furan, 2-methyl-	62666	000534-22-5	87
			Furan, 2-methyl-	62665	000534-22-5	87
6	2.00	0.99	C:\DATABASE\NBS75K.L			
			No matches found			
7	2.47	0.72	C:\DATABASE\NBS75K.L			
			2-Propenoic acid, ethyl ester	63318	000140-88-5	87
			2-Propenoic acid, ethyl ester	63319	000140-88-5	80
			2-Propenoic acid, ethyl ester	63317	000140-88-5	64
8	2.59	1.97	C:\DATABASE\NBS75K.L			
			2-Butenoic acid, methyl ester, (E)	1458	000623-43-8	38
			2-Butenoic acid, methyl ester, (E)	63312	000623-43-8	37
			Cyclopropanecarboxylic acid, methy	1472	002868-37-3	32
9	3.12	0.17	C:\DATABASE\NBS75K.L			
			No matches found			
10	4.51	1.19	C:\DATABASE\NBS75K.L			
			Pyridine, 3-methyl-	981	000108-99-6	96
			Pyridine, 3-methyl-	63045	000108-99-6	95
			Pyridine, 3-methyl-	63044	000108-99-6	94

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
11	4.64	0.57	C:\DATABASE\NBS75K.L			
			Benzene, 1,3-dimethyl-	63697	000108-38-3	90
			p-Xylene	63701	000106-42-3	87
			Benzene, 1,2-dimethyl-	63706	000095-47-6	87
12	6.52	1.10	C:\DATABASE\NBS75K.L			
			Pyridine, 3,5-dimethyl-	2047	000591-22-0	95
			Pyridine, 3,4-dimethyl-	2050	000583-58-4	94
			Pyridine, 3,4-dimethyl-	63728	000583-58-4	91
13	8.04	0.30	C:\DATABASE\NBS75K.L			
			Pyridine, 2,3,5-trimethyl-	3839	000695-98-7	91
			Pyridine, 2,3,6-trimethyl-	3822	001462-84-6	74
			Pyridine, 2,3,6-trimethyl-	64607	001462-84-6	68
14	8.55	0.51	C:\DATABASE\NBS75K.L			
			Pyridine, 5-ethenyl-2-methyl-	3656	000140-76-1	94
			4-Aminostyrene	3652	001520-21-4	64
			Bicyclo[4.1.0]hept-4-en-3-ol, 3,7,	10368	004017-81-6	50
15	8.72	1.38	C:\DATABASE\NBS75K.L			
			Pyridine, 2-methyl-, 1-oxide	2205	000931-19-1	50
			Phenol, 4-amino-	63816	000123-30-8	50
			2,3-Pyridinediamine	2194	000452-58-4	50
16	9.41	0.43	C:\DATABASE\NBS75K.L			
			1H-Pyrrole, 2,3,4,5-tetramethyl-	4056	001003-90-3	91
			Benzene, 1-methoxy-4-methyl-	64712	000104-93-8	35
			Benzenamine, 2-methoxy-	64732	000090-04-0	30
17	19.51	0.40	C:\DATABASE\NBS75K.L			
			Mandelic acid, 3,4-dimethoxy-, met	29038	002911-73-1	25
			Benzenemethanol, 3-phenoxy-	22965	013826-35-2	15
			1,1'-Biphenyl, 3-azido-	21582	014213-01-5	15
18	19.84	0.40	C:\DATABASE\NBS75K.L			
			Flavone	28172	000525-82-6	35
			7,8-Dihydro-2-methyl(6H)pyrazolo[3	27965	000000-00-0	16
			Acetic acid, (4-methoxycyclohexyli	22339	055103-56-5	15
19	20.47	1.09	C:\DATABASE\NBS75K.L			
			3-(3-Methoxyphenyl)propionic acid	24861	007116-39-4	32
			Pyridine, 2-ethyl-4,6-dimethyl-	6309	001124-35-2	18
			Benzene, 1-methyl-4-(nitromethyl)-	9997	029559-27-1	14
20	20.74	0.21	C:\DATABASE\NBS75K.L			
			4-Pyridinecarboxaldehyde, 3-hydrox	14236	000066-72-8	20
			4-Amino-2-methyl-5,6-trimethylenep	9460	076881-49-7	18
			2,5-Dimethyl-4-phenyl-3-nitrosopyr	22922	075096-70-7	14
21	24.86	0.33	C:\DATABASE\NBS75K.L			
			2,5,8,11-Tetraoxatetradecan-13-ol,	36541	020324-34-9	38
			2-Propanol, 1-[1-methyl-2-(2-prope	68438	055956-25-7	38
			2-Butanol, 3-methoxy-	1908	053778-72-6	38

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
22	24.90	0.20	C:\DATABASE\NBS75K.L			
			1-Butanol, 3-methoxy-	1922	002517-43-3	35
			2-Butanol, 2,3-dimethyl-	63570	000594-60-5	35
			2-Propanol, 1-(2-methoxypropoxy)-	9233	013429-07-7	35
23	24.99	0.33	C:\DATABASE\NBS75K.L			
			2-Propanol, 1-methoxy-2-methyl-	1912	003587-64-2	38
			1-Methamphetamine	9504	000000-00-0	38
			Butane, 2-methoxy-3-methyl-	1791	062016-49-3	35
24	27.03	1.38	C:\DATABASE\NBS75K.L			
			Phosphoric acid, triphenyl ester	73338	000115-86-6	99
			Phosphoric acid, triphenyl ester	46311	000115-86-6	96
			Phosphoric acid, triphenyl ester	73337	000115-86-6	91
25	27.47	51.85	C:\DATABASE\NBS75K.L			
			Octicizer	50542	001241-94-7	74
			Benz[b]acridine, 1,2,3,4,7,8,9,10-	34157	055044-74-1	23
			Benz[c]acridine, 1,2,3,4,8,9,10,11	34155	055044-73-0	23
26	27.59	3.28	C:\DATABASE\NBS75K.L			
			No matches found			
27	27.78	0.43	C:\DATABASE\NBS75K.L			
			1-Methamphetamine	9504	000000-00-0	43
			2-Propanol, 1-[2-(2-methoxy-1-meth	24251	020324-33-8	40
			Propane, 1-ethoxy-2-methyl-	1772	000627-02-1	38
28	27.83	0.25	C:\DATABASE\NBS75K.L			
			2-Butanol, 3-methoxy-	1908	053778-72-6	46
			1-Methamphetamine	9504	000000-00-0	43
			Butanamide, 3-methyl-	1621	000541-46-8	43
29	27.90	1.46	C:\DATABASE\NBS75K.L			
			1-Methamphetamine	9504	000000-00-0	43
			2-Propanol, 1-[2-(2-methoxy-1-meth	24251	020324-33-8	40
			Propane, 2-ethoxy-2-methyl-	1790	000637-92-3	38
30	28.07	1.99	C:\DATABASE\NBS75K.L			
			2-Propanol, 1,1'-[(1-methyl-1,2-et	69286	001638-16-0	43
			2-Propanol, 1-[2-(2-methoxy-1-meth	24251	020324-33-8	40
			2-Butanol, 2,3-dimethyl-	63571	000594-60-5	38
31	28.19	0.06	C:\DATABASE\NBS75K.L			
			Propane, 1-ethoxy-2-methyl-	1772	000627-02-1	43
			2-Propanol, 1-[2-(2-methoxy-1-meth	24251	020324-33-8	40
			Oxirane, tetramethyl-	63415	005076-20-0	38
32	30.86	4.31	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	91
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	76
33	31.47	5.68	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	94
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	91

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
34	32.08	1.90	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	98
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	93
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	91

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433A.D
Operator : Marti
Acquired : 21 Jul 95 4:42 pm using AcqMethod EM31492
Sample Name: 0595-19a
Misc Info :
Vial Number: 1
CurrentMeth: C:\HPCHEM\1\METHODS\EM31492.M

Retention Time	Area	Area %	Ratio %
Total Ion Chromatogram			
0.185	6163112	0.153	0.295
1.418	374863956	9.319	17.971
1.533	126282587	3.139	6.054
1.778	62324524	1.549	2.988
1.946	37548360	0.933	1.800
2.006	39948511	0.993	1.915
2.465	28921352	0.719	1.387
2.584	79072998	1.966	3.791
3.120	6739984	0.168	0.323
4.503	47938251	1.192	2.298
4.635	23089476	0.574	1.107
6.529	44442782	1.105	2.131
8.037	12160776	0.302	0.583
8.545	20620769	0.513	0.989
8.716	55684072	1.384	2.670
9.403	17394998	0.432	0.834
19.508	15933691	0.396	0.764
19.843	16252375	0.404	0.779
20.478	43947545	1.093	2.107
20.739	8579237	0.213	0.411
24.857	13150395	0.327	0.630
24.903	7892637	0.196	0.378
24.988	13265922	0.330	0.636
27.036	55691114	1.384	2.670
27.471	2085910179	51.854	100.000
27.586	131918623	3.279	6.324
27.784	17189262	0.427	0.824
27.832	10157083	0.252	0.487
27.903	58745753	1.460	2.816
28.071	80079927	1.991	3.839
28.192	2368430	0.059	0.114
30.855	173519749	4.314	8.319
31.465	228305397	5.676	10.945
32.081	76541538	1.903	3.669

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433A.D
Operator : Marti
Acquired : 21 Jul 95 4:42 pm using AcqMethod EM31492
Sample Name: 0595-19a
Misc Info :
Vial Number: 1
CurrentMeth: C:\HPCHEM\1\METHODS\EM31492.M

Retention Time	Area	Area %	Ratio %

Ion 55.00 (54.70 to 55.70): EM31433A.D
0595-19a

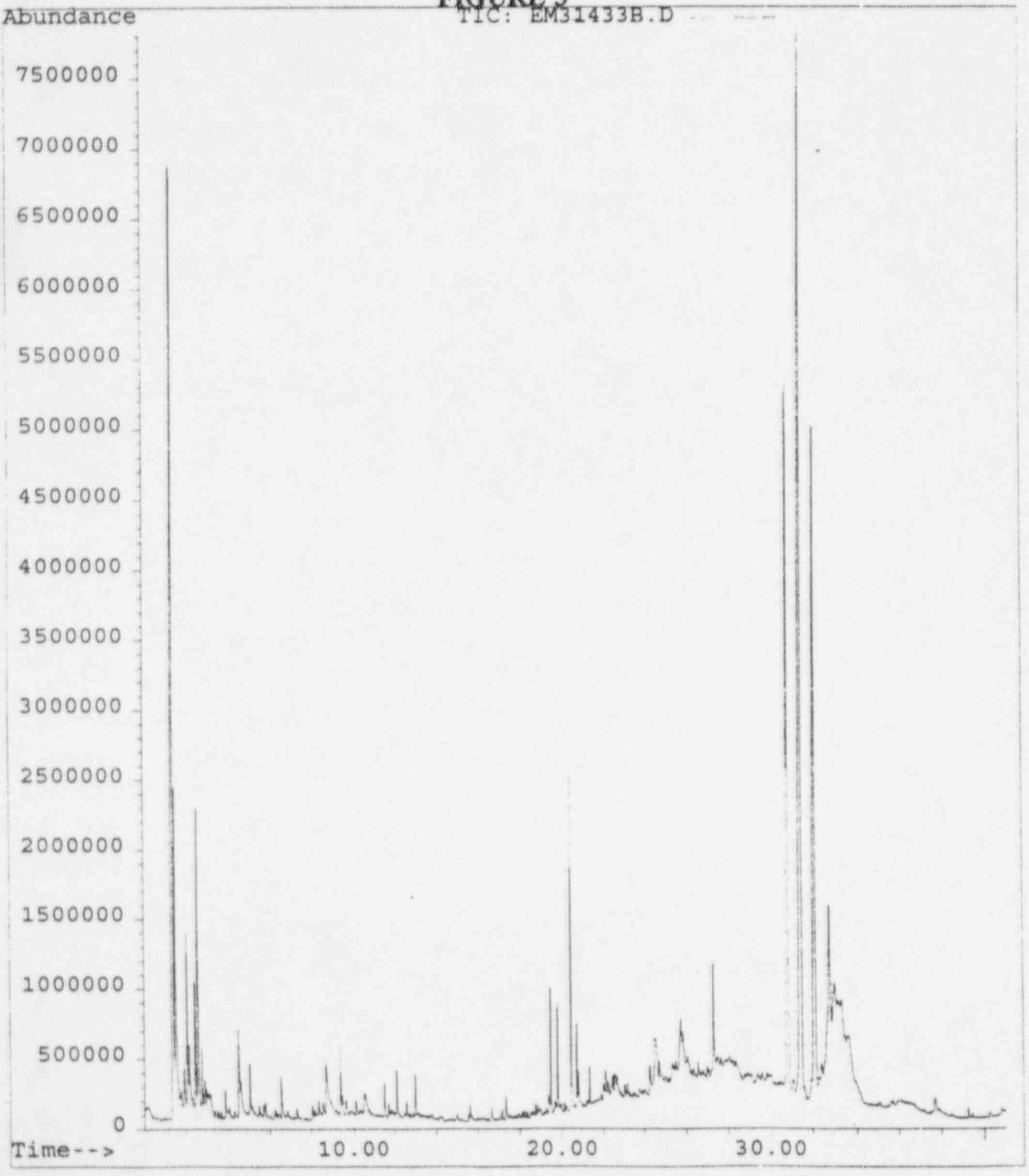
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.466	VV	0.046	14297092	2.419	2.557
2	2.579	VB	0.069	2001062	2.557	2.825

Ion 69.00 (68.70 to 69.70): EM31433A.D
0595-19a

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	1.783	BB	0.050	957352	1.526	1.893
2	2.585	VV	0.046	11152407	2.530	2.817

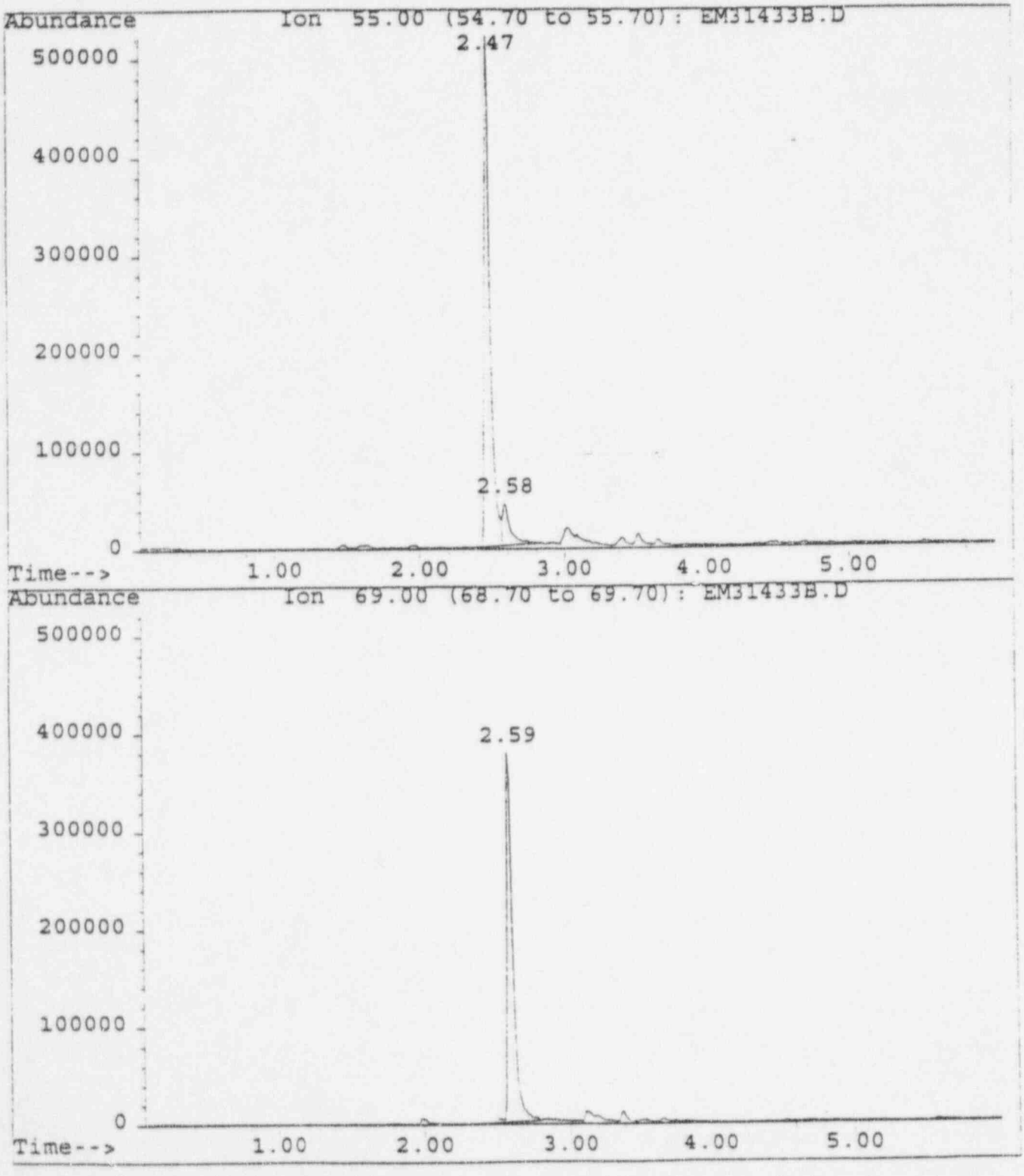
File : C:\HPCHEM\1\DATA\EM31433B.D
Operator : Marti
Acquired : 20 Jul 95 10:13 am using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19b
Misc Info :
Vial Number: 1

FIGURE 3



File : C:\HPCHEM\1\DATA\EM31433B.D
Operator : Marti
Acquired : 20 Jul 95 10:13 am using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19b
Misc Info :
Vial Number: 1

FIGURE 4



Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433B.D
Operator : Marti
Acquired : 20 Jul 95 10:13 am using AcqMethod EM31492
Sample Name: 0595-19b
Misc Info :
Vial Number: 1

Search Libraries: C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Params: AutoIntegrate

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	1.42	13.18	C:\DATABASE\NBS75K.L			
			No matches found			
2	1.54	3.88	C:\DATABASE\NBS75K.L			
			No matches found			
3	1.94	0.76	C:\DATABASE\NBS75K.L			
			Furan, 2-methyl-	463	000534-22-5	95
			Furan, 2-methyl-	62666	000534-22-5	68
			Furan, 2-methyl-	62665	000534-22-5	43
4	2.09	1.72	C:\DATABASE\NBS75K.L			
			No matches found			
5	2.19	0.83	C:\DATABASE\NBS75K.L			
			No matches found			
6	2.47	1.23	C:\DATABASE\NBS75K.L			
			2-Propenoic acid, ethyl ester	63318	000140-88-5	87
			2-Propenoic acid, ethyl ester	1461	000140-88-5	83
			2-Propenoic acid, ethyl ester	63319	000140-88-5	72
7	2.59	3.26	C:\DATABASE\NBS75K.L			
			2-Butenoic acid, methyl ester, (E)	1458	000623-43-8	43
			2-Propenoic acid, 2-methyl-, methy	63330	000080-62-6	41
			Butane, 1-(ethenyloxy)-	63418	000111-34-2	38
8	2.78	0.55	C:\DATABASE\NBS75K.L			
			No matches found			
9	2.92	0.48	C:\DATABASE\NBS75K.L			
			1,2-Propanediamine	62563	000078-90-0	38
10	2.99	0.45	C:\DATABASE\NBS75K.L			
			2-Butanamine	62535	013952-84-6	10
			Benzenemethanol, 3-hydroxy-.alpha.	14268	000059-42-7	8
11	3.87	0.23	C:\DATABASE\NBS75K.L			
			No matches found			

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
12	4.53	0.87	C:\DATABASE\NBS75K.L			
			Pyridine, 3-methyl-	63045	000108-99-6	93
			Pyridine, 3-methyl-	981	000108-99-6	90
			Pyridine, 3-methyl-	63046	000108-99-6	81
13	4.64	0.52	C:\DATABASE\NBS75K.L			
			Pyridine, 4-methyl-	980	000108-89-4	60
			Pyridine, 3-methyl-	63045	000108-99-6	60
			Pyridine, 3-methyl-	981	000108-99-6	53
14	5.06	0.35	C:\DATABASE\NBS75K.L			
			No matches found			
15	5.79	0.12	C:\DATABASE\NBS75K.L			
			No matches found			
16	6.56	0.42	C:\DATABASE\NBS75K.L			
			Pyridine, 3,5-dimethyl-	63720	000591-22-0	96
			Pyridine, 3,4-dimethyl-	2050	000583-58-4	95
			Pyridine, 2,5-dimethyl-	2046	000589-93-5	94
17	8.06	0.11	C:\DATABASE\NBS75K.L			
			Pyridine, 2,3,5-trimethyl-	3839	000695-98-7	70
			Benzenamine, 2,6-dimethyl-	64611	000087-62-7	53
			Pyridine, 2,3,6-trimethyl-	3822	001462-84-6	53
18	8.36	0.13	C:\DATABASE\NBS75K.L			
			Pyridine, 3-ethyl-5-methyl-	3821	003999-78-8	70
			Pyridine, 5-ethyl-2-methyl-	64622	000104-90-5	64
			Pyridine, 5-ethyl-2-methyl-	64621	000104-90-5	64
19	8.57	0.15	C:\DATABASE\NBS75K.L			
			Pyridine, 5-echenyl-2-methyl-	3656	000140-76-1	47
			1,2,4-Triazolo[4,3-a]pyridine	3637	000274-80-6	35
			Benzoxazole	64504	000273-53-0	30
20	8.72	1.27	C:\DATABASE\NBS75K.L			
			Phenol, 4-amino-	2211	000123-30-8	53
			2,3-Pyridinediamine	2194	000452-58-4	52
			Phenol, 2-amino-	2202	000095-55-6	47
21	9.40	0.42	C:\DATABASE\NBS75K.L			
			1H-Pyrrole, 2,3,4,5-tetramethyl-	4056	001003-90-3	91
			Phenol, 3,5-dimethyl-	3951	000108-68-9	35
			5-Dimethylaminopyrimidine	4021	031401-46-4	32
22	9.48	0.20	C:\DATABASE\NBS75K.L			
			Benzeneethanamine, N-methyl-	65606	000589-08-2	40
			2,5-Dimethoxy-4-(methylsulfonyl)am	38244	000000-00-0	40
			2,5-Dimethoxy-4-(methylsulfonyl)am	38246	000000-00-0	33
23	9.66	0.17	C:\DATABASE\NBS75K.L			
			2,5-Dimethoxy-4-(methylsulfonyl)am	38244	000000-00-0	40
			4-Methylamphetamine	9505	000000-00-0	36
			Amphetamine	65613	000300-62-9	33

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
24	10.11	0.13	C:\DATABASE\NBS75K.L			
			2,5-Dimethoxy-4-(methylsulfonyl)am	38246	000000-00-0	59
			2,5-Dimethoxy-4-(methylsulfonyl)am	38244	000000-00-0	59
			Benzenethanamine,4-methoxy-.alpha.	67908	023239-32-9	50
25	10.50	0.18	C:\DATABASE\NBS75K.L			
			1,4-Benzenediamine	63757	000106-50-3	64
			1H-Pyrrole, 3-ethyl-2,4-dimethyl-	64741	000517-22-6	53
			1H-Pyrrole, 3-ethyl-2,5-dimethyl-	4061	069687-78-1	53
26	10.56	0.25	C:\DATABASE\NBS75K.L			
			1H-Pyrrole, 2,3,4,5-tetramethyl-	4056	001003-90-3	43
			1H-Pyrrole, 3-ethyl-2,4-dimethyl-	4055	000517-22-6	41
			1H-Pyrrole, 2-ethyl-3,5-dimethyl-	4057	032990-59-3	38
27	11.49	0.24	C:\DATABASE\NBS75K.L			
			Pentanedioic acid, 2-methyl-, mono	12301	072088-36-9	46
			Pentanedioic acid, 3-methyl-, dime	68419	019013-37-7	16
			1,2,4-Thiadiazole, 5-amino-3-propy	8127	032039-20-6	16
28	11.70	0.10	C:\DATABASE\NBS75K.L			
			1-Adamantanemethylamine, .alpha.-m	17503	013392-28-4	38
			R-(-)-Cyclohexylethylamine	4792	005913-13-3	38
			2-Pentanamine	768	000625-30-9	12
29	12.10	0.33	C:\DATABASE\NBS75K.L			
			Pentanedioic acid, diethyl ester	19778	000818-38-2	74
			Pentanedioic acid, diethyl ester	69156	000818-38-2	59
			Pentanedioic acid, diethyl ester	69155	000818-38-2	58
30	12.57	0.15	C:\DATABASE\NBS75K.L			
			Benzenemethanol, .alpha.-(1-aminoe	10022	036393-56-3	59
			2-Pentanamine	768	000625-30-9	59
			2-Octanamine	65170	000693-16-3	45
31	13.00	0.24	C:\DATABASE\NBS75K.L			
			Piperidine, 4-methyl-	63292	000626-58-4	43
			Piperidine, 4-methyl-	1421	000626-58-4	43
			Piperidine, 1-methyl-	63293	000626-67-5	38
32	15.66	0.08	C:\DATABASE\NBS75K.L			
			Benzenemethanol, 3-hydroxy-.alpha.	68037	000059-42-7	39
33	16.68	0.07	C:\DATABASE\NBS75K.L			
			2-Hexen-1-one, 1-(2-hydroxy-5-meth	23838	051956-79-7	47
			Benzene, (chloromethyl)pentamethyl	21847	000484-65-1	40
			Benzofuran, 5-methoxy-6,7-dimethyl	16722	035355-35-2	40
34	17.35	0.25	C:\DATABASE\NBS75K.L			
			Phenol, 4-(2,2,4-trimethylpentyl)-	24397	000000-00-0	87
			Phenol, 4-(1,1,3,3-tetramethylbuty	24424	000140-66-9	83
			Phenol, 4-(1,1,3,3-tetramethylbuty	70047	000140-66-9	80
35	18.76	0.10	C:\DATABASE\NBS75K.L			
			Pyridine, 3-(2-thienyl)-	12681	021298-53-3	30
			2H-Imidazo[4,5-b]pyridin-2-one, 1,	6253	016328-62-4	30
			Phenol, p-tert-butyl-	9864	000098-54-4	27

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
36	19.41	0.21	C:\DATABASE\NBS75K.L			
			3-Methoxyamphetamine	13733	000000-00-0	64
			Benzenemethanol, 3-hydroxy-.alpha.	68038	000059-42-7	59
			1-Adamantanemethylamine, .alpha.-m	17503	013392-28-4	38
37	19.51	0.82	C:\DATABASE\NBS75K.L			
			1,1'-Biphenyl, 3-azido-	21582	014213-01-5	15
			Benzo[b]thiophene, 2-(butylthio)-	28074	054965-46-7	15
			Benzo[b]thiophene, 3-(butylthio)-	28072	054965-44-5	15
38	19.84	0.70	C:\DATABASE\NBS75K.L			
			1,1'-Biphenyl, 3-azido-	21582	014213-01-5	15
			3-Cyclobutene-1,2-dicarboxylic aci	29065	055673-92-2	15
			Flavone	28172	000525-82-6	15
39	20.47	2.00	C:\DATABASE\NBS75K.L			
			3-(3-Methoxyphenyl)propionic acid	24861	007116-39-4	38
			Pyridine, 2-ethyl-4,6-dimethyl-	6309	001124-35-2	18
			Benzene, 1-methyl-4-(nitromethyl)-	9997	029559-27-1	14
40	20.73	0.52	C:\DATABASE\NBS75K.L			
			4-Amino-2-methyl-5,6-trimethylenep	9460	076881-49-7	35
			4-Pyridinecarboxaldehyde, 3-hydrox	14236	000066-72-8	25
			3-(3-Pyridyl)propenoic acid	9438	001126-74-5	25
41	20.81	0.53	C:\DATABASE\NBS75K.L			
			p-tert-Amyl phenoxy ethanol	24939	006382-07-6	56
			Silanol, trimethyl-, benzoate	69391	002078-12-8	45
			6H-Purin-6-one, 2-(dimethylamino)-	68656	001445-15-4	45
42	21.34	0.23	C:\DATABASE\NBS75K.L			
			5,9-Methanobenzocycloocten-4(1H)-o	38853	006244-16-2	47
			Butylated Hydroxytoluene	70552	000128-37-0	43
			7-Phenylisoquinoline	24118	070125-65-4	43
43	22.02	0.18	C:\DATABASE\NBS75K.L			
			p-tert-Amyl phenoxy ethanol	24939	006382-07-6	40
			Benzoic acid, 2,4-dimethoxy-6-meth	25297	006110-37-8	38
			Stannane, diethyldimethyl-	24682	004282-05-7	37
44	22.12	0.47	C:\DATABASE\NBS75K.L			
			Stannane, diethyldimethyl-	24682	004282-05-7	43
			6H-Purin-6-one, 2-(dimethylamino)-	17389	001445-15-4	27
			Dihydroedulan Ia	21365	000000-00-0	25
45	22.25	0.25	C:\DATABASE\NBS75K.L			
			Acetophenone, 2',4'-dimethoxy-3'-m	21229	060512-80-3	25
			6H-Purin-6-one, 2-(dimethylamino)-	17389	001445-15-4	22
			Silanol, trimethyl-, benzoate	69391	002078-12-8	22
46	22.48	0.48	C:\DATABASE\NBS75K.L			
			Phenol, 2,4-bis(1-methylbutyl)-	30771	000096-94-6	32
			3-Mercapto-4-phenyl-5-ethyl-1,2,4-	24034	029448-76-8	18
			Benzonitrile, 4-(2-phenylethenyl)-	24127	001552-58-5	18

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
47	22.59	0.46	C:\DATABASE\NBS75K.L			
			p-tert-Amyl phenoxy ethanol	24939	006382-07-6	43
			6H-Purin-6-one, 2-(dimethylamino)-	17389	001445-15-4	30
			Silane, trimethyl(1-phenylethoxy)-	21278	014856-75-8	18
48	22.69	0.27	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	25
			Lup-20(30)-en-28-oic acid, 19.beta	57158	000510-78-1	25
			6H-Purin-6-one, 2-(dimethylamino)-	68656	001445-15-4	15
49	23.06	0.12	C:\DATABASE\NBS75K.L			
			Phenol, 2,4-bis(1-methylbutyl)-	30771	000096-94-6	32
			Butylated Hydroxytoluene	70550	000128-37-0	27
			3-Mercapto-4-phenyl-5-ethyl-1,2,4-	24034	029448-76-8	27
50	24.29	0.37	C:\DATABASE\NBS75K.L			
			Ethanol, 2-[2-[4-(1,1,3,3-tetramet	41793	002315-61-9	86
			p-Toluidine, N,N-dimethyl-.alpha.-	70661	014629-54-0	32
			2,4-Imidazolidinedione, 1-methyl-5	36970	006859-11-6	27
51	24.56	1.47	C:\DATABASE\NBS75K.L			
			Benzene, 1,1',1''-[1-(bromomethyl)	53419	055373-93-8	22
			Benzenamine, 4-methyl-2,6-dinitro-	22017	006393-42-6	16
			Vinyltripentylsilane	37411	000000-00-0	12
52	24.73	0.31	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	86
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	42
			Phenol, 4-dodecyl-	36341	000104-43-8	25
53	25.36	0.28	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	93
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	81
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	50
54	25.52	0.32	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	95
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	94
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	89
55	25.78	1.42	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	91
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	25
			1,1,1,5,7,7,7-Heptamethyl-3,3-bis(	56714	038147-00-1	17
56	25.86	1.18	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	92
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	56
			(1H)Isoindole-1,3(2H)-dione, 2,2'-	51139	000000-00-0	35
57	26.59	0.38	C:\DATABASE\NBS75K.L			
			Ethanamine, N-methyl-2-[(2-methylp	34965	015301-93-6	47
			Epinephrine	18576	000051-43-4	43
			2-Amino-1-(O-hydroxyphenyl)propane	10018	073470-00-5	43

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
58	27.02	0.23	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	83
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	64
			Diphenanthro[9,10-b:9',10'-d]furan	51195	000000-00-0	50
59	27.33	1.87	C:\DATABASE\NBS75K.L			
			7-Amino-2,3-dihydro-5-phenyl-1H-1,	34112	004928-02-3	50
			2-(4-Cyanophenyl)-5-dimethylaminom	34091	000000-00-0	47
			Octicizer	50542	001241-94-7	25
60	27.50	0.89	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	97
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	55
			Diphenanthro[9,10-b:9',10'-d]furan	51195	000000-00-0	45
61	27.66	0.74	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	96
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	89
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	49
62	30.87	10.58	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	91
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	90
63	31.51	18.92	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	94
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	91
64	31.94	0.18	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	94
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	92
			Phenothiaphosphine, 2,8-dimethyl-1	51105	023861-49-6	49
65	32.15	10.60	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	98
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	93
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	91
66	32.30	0.07	C:\DATABASE\NBS75K.L			
			2-Propanol, 1-[2-(2-methoxy-1-meth	24251	020324-33-8	37
			2-Propanol, 1-methoxy-2-methyl-	1912	003587-64-2	35
			Butane, 2-methoxy-3-methyl-	1791	062016-49-3	35
67	32.42	0.20	C:\DATABASE\NBS75K.L			
			Dodecanamide	22660	001120-16-7	22
			Phenylpropanolamine	66860	000492-41-1	22
			3-Propoxyamphetamine	21000	000000-00-0	18
68	32.79	4.02	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	98
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	84
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	58

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
69	33.02	2.51	C:\DATABASE\NBS75K.L			
			2-Propanol, 1-(2-methoxypropoxy)-	9233	013429-07-7	43
			Butanamide, 3-methyl-	1621	000541-46-8	43
			Butane, 2-methoxy-	854	006795-87-5	43
70	33.14	0.56	C:\DATABASE\NBS75K.L			
			2-Propanol, 1-[2-(2-methoxy-1-meth	24251	020324-33-8	50
			Propane, 1-ethoxy-2-methyl-	1772	000627-02-1	46
			Butane, 2-methoxy-3-methyl-	1791	062016-49-3	43
71	33.20	0.78	C:\DATABASE\NBS75K.L			
			Butane, 2-methoxy-3-methyl-	1791	062016-49-3	43
			Diazene, [1-(2,2-dimethylhydrazino	15672	061940-94-1	43
			2,5,8,11,14-Pentaoxapentadecane	28004	000143-24-8	43
72	33.31	1.12	C:\DATABASE\NBS75K.L			
			2-Butanol, 2,3-dimethyl-	63571	000594-60-5	43
			2-Pentanol, 2-methyl-	63532	000590-36-3	43
			Butanamide, 3-methyl-	1621	000541-46-8	43
73	37.68	0.25	C:\DATABASE\NBS75K.L			
			2-Pentanamine	768	000625-30-9	53
			2-Butanamine, (S)-	301	000513-49-5	53
			2-Pentanamine, 4-methyl-	1648	000108-09-8	53

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433B.D
Operator : Marti
Acquired : 20 Jul 95 10:13 am using AcqMethod EM31492
Sample Name: 0595-19b
Misc Info :
Vial Number: 1
CurrentMeth: C:\HPCHEM\1\METHODS\EM31492.M

Retention Time	Area	Area %	Ratio %
Total Ion Chromatogram			
1.418	308464963	13.182	69.665
1.543	90803495	3.880	20.508
1.948	17891320	0.765	4.041
2.085	40210163	1.718	9.081
2.188	20667000	0.883	4.668
2.465	28888419	1.234	6.524
2.585	76192556	3.256	17.208
2.782	12798068	0.547	2.890
2.916	11182812	0.478	2.526
2.988	10560716	0.451	2.385
3.874	5328288	0.228	1.203
4.527	20340603	0.869	4.594
4.632	12263347	0.524	2.770
5.058	8091562	0.346	1.827
5.797	2750675	0.118	0.621
6.557	9814744	0.419	2.217
8.060	2589791	0.111	0.585
8.357	3134827	0.134	0.708
8.576	3547529	0.152	0.801
8.721	29778891	1.273	6.725
9.401	9884900	0.422	2.232
9.482	4735231	0.202	1.069
9.653	3911807	0.167	0.883
10.116	3049663	0.130	0.689
10.501	4168885	0.178	0.942
10.563	5882327	0.251	1.328
11.491	5628202	0.241	1.271
11.694	2333014	0.100	0.527
12.098	7809230	0.334	1.764
12.567	3482450	0.149	0.786
12.992	5709850	0.244	1.290
15.654	1809975	0.077	0.409
16.677	1629371	0.070	0.368
17.344	5800708	0.248	1.310
18.761	2233520	0.095	0.504

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433B.D
Operator : Marti
Acquired : 20 Jul 95 10:13 am using AcqMethod EM31492
Sample Name: 0595-19b
Misc Info :
Vial Number: 1
CurrentMeth: C:\HPCHEM\1\METHODS\EM31492.M

Retention Time	Area	Area %	Ratio %
19.406	5003124	0.214	1.130
19.504	19141459	0.818	4.323
19.840	16299794	0.697	3.681
20.475	46793320	2.000	10.568
20.737	12258836	0.524	2.769
20.804	12423319	0.531	2.806
21.338	5407970	0.231	1.221
22.020	4303299	0.184	0.972
22.121	10896704	0.466	2.461
22.244	5768374	0.247	1.303
22.476	11308486	0.483	2.554
22.597	10785966	0.461	2.436
22.689	6292474	0.269	1.421
23.062	2889753	0.123	0.653
24.290	8772679	0.375	1.981
24.558	34376371	1.469	7.764
24.735	7257113	0.310	1.639
25.357	6482945	0.277	1.464
25.520	7577948	0.324	1.711
25.774	33148338	1.417	7.486
25.863	27568509	1.178	6.226
26.587	9005167	0.385	2.034
27.019	5357972	0.229	1.210
27.328	43735163	1.869	9.877
27.501	20877007	0.892	4.715
27.668	17403104	0.744	3.930
30.865	247491050	10.576	55.895
31.513	442781863	18.922	100.000
31.944	4320567	0.185	0.976
32.141	248105128	10.602	56.033
32.298	1605583	0.069	0.363
32.418	4697059	0.201	1.061
32.795	94186443	4.025	21.272
33.017	58810760	2.513	13.282
33.134	13182916	0.563	2.977
33.201	18238115	0.779	4.119

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433B.D
Operator : Marti
Acquired : 20 Jul 95 10:13 am using AcqMethod EM31492
Sample Name: 0595-19b
Misc Info :
Vial Number: 1
CurrentMeth: C:\HPCHEM\1\METHODS\EM31492.M

Retention Time	Area	Area %	Ratio %
33.320	26263203	1.122	5.931
37.678	5911345	0.253	1.335

Ion 55.00 (54.70 to 55.70): EM31433B.D
0595-19b

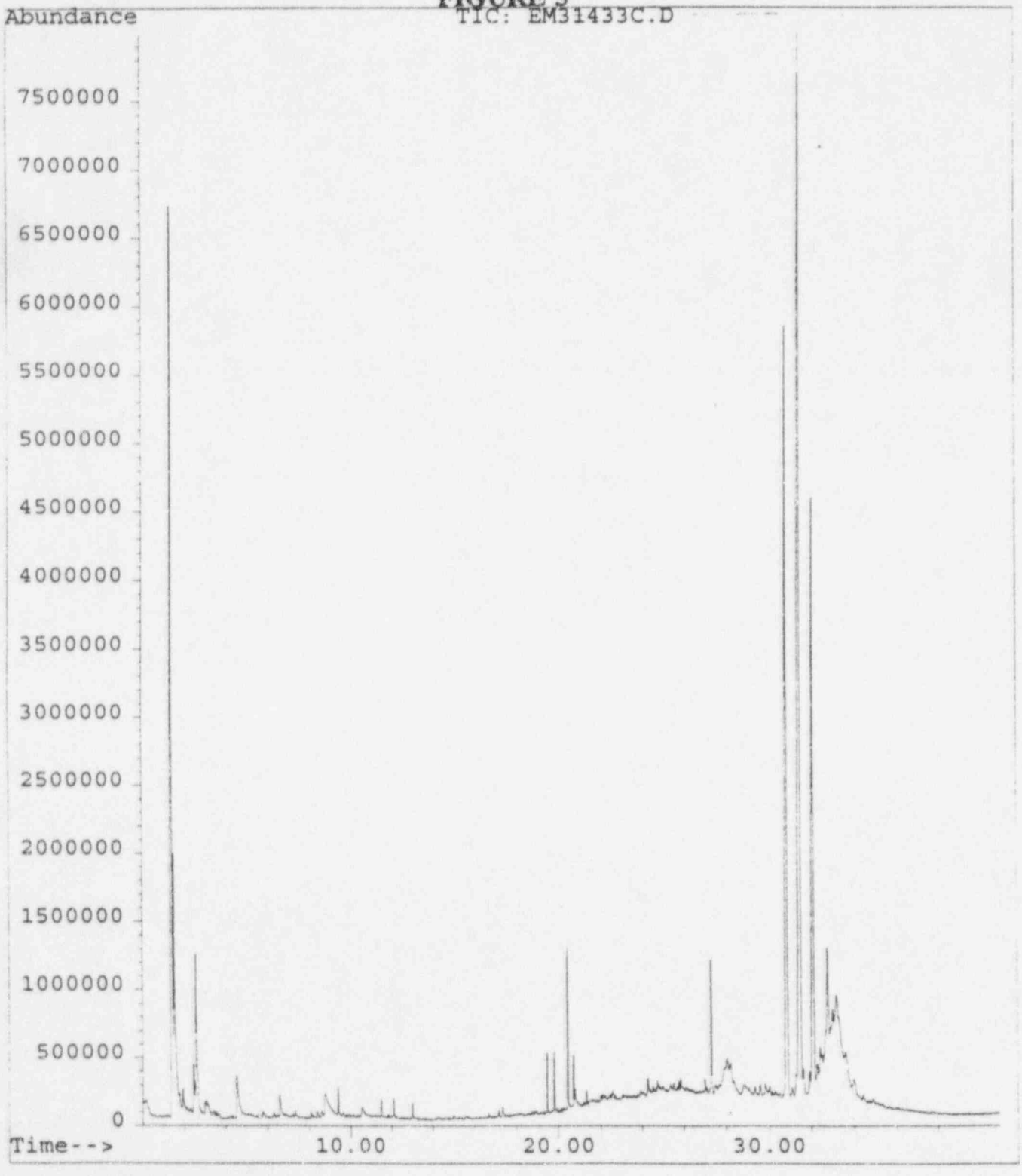
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.466	BV	0.043	14015003	2.407	2.556
2	2.584	VB	0.058	1756407	2.556	2.804

Ion 69.00 (68.70 to 69.70): EM31433B.D
0595-19b

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.586	BV	0.044	10729132	2.298	2.795

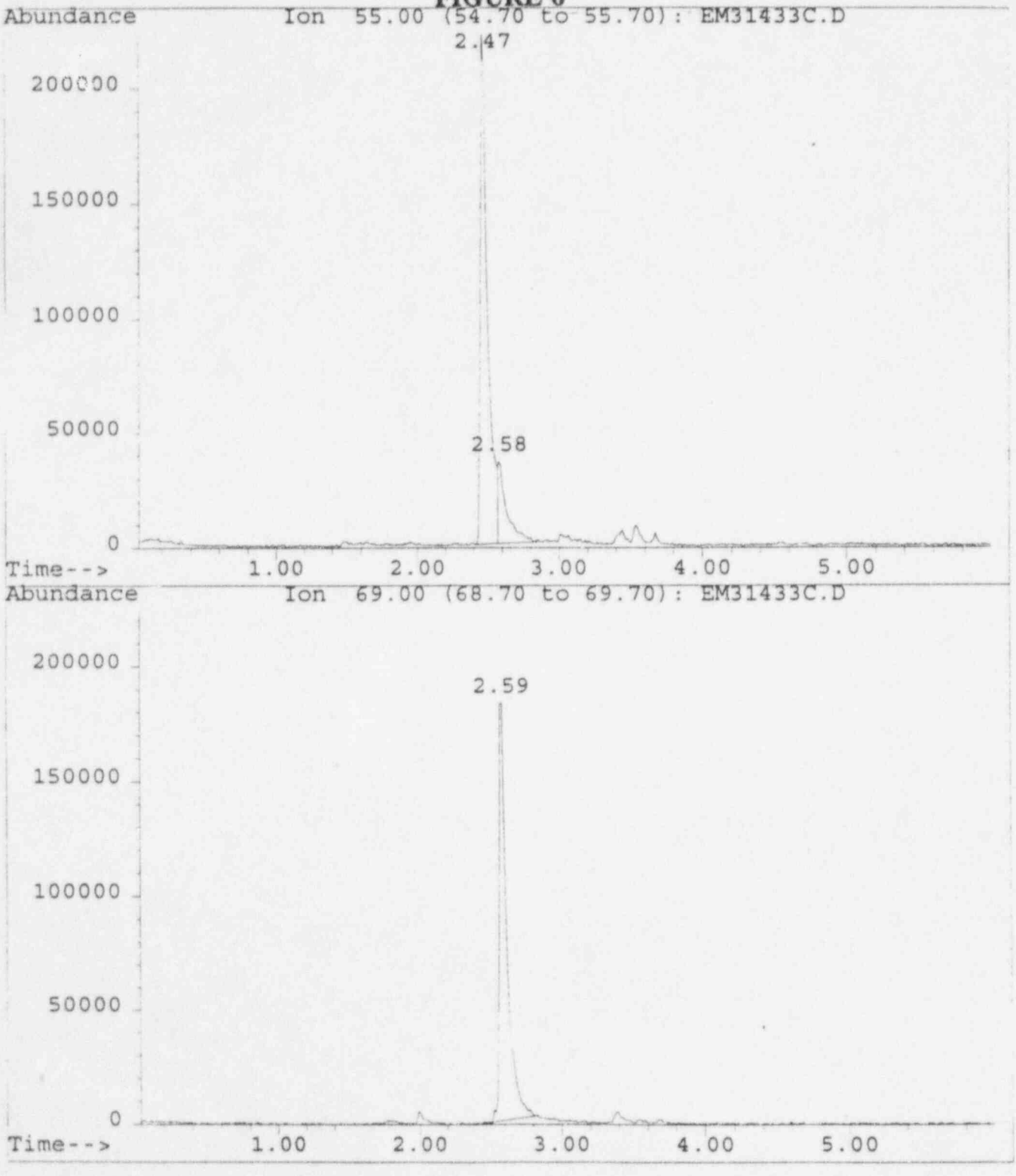
File : C:\HPCHEM\1\DATA\EM31433C.D
Operator : Marti
Acquired : 20 Jul 95 12:44 pm using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19c
Misc Info :
Vial Number: 1

FIGURE 5



File : C:\HPCHEM\1\DATA\EM31433C.D
Operator : Marti
Acquired : 20 Jul 95 12:44 pm using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19c
Misc Info :
Vial Number: 1

FIGURE 6



Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433C.D
Operator : Marti
Acquired : 20 Jul 95 12:44 pm using AcqMethod EM31492
Sample Name: 0595-19c
Misc Info :
Vial Number: 1

Search Libraries: C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Params: AutoIntegrate

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	1.42	15.72	C:\DATABASE\NBS75K.L			
			No matches found			
2	1.55	4.91	C:\DATABASE\NBS75K.L			
			No matches found			
3	1.94	0.54	C:\DATABASE\NBS75K.L			
			Furan, 2-methyl-	463	000534-22-5	70
			Furan, 3-methyl-	464	000930-27-8	53
			Furan, 2-methyl-	62665	000534-22-5	47
4	2.47	0.66	C:\DATABASE\NBS75K.L			
			2-Propenoic acid, ethyl ester	63318	000140-88-5	81
			2-Propenoic acid, ethyl ester	1461	000140-88-5	74
			2-Propenoic acid, ethyl ester	63317	000140-88-5	64
5	2.59	2.88	C:\DATABASE\NBS75K.L			
			2-Propenoic acid, 2-methyl-, methy	63330	000080-62-6	49
			2-Propenoic acid, 2-methyl-, methy	1484	000080-62-6	49
			2-Propenoic acid, 2-methyl-, methy	63329	000080-62-6	47
6	3.02	0.10	C:\DATABASE\NBS75K.L			
			Pyridine	62633	000110-86-1	55
			Pyridine	62632	000110-86-1	55
			Pyridine	62631	000110-86-1	46
7	4.54	1.03	C:\DATABASE\NBS75K.L			
			Pyridine, 3-methyl-	981	000108-99-6	95
			Pyridine, 3-methyl-	63044	000108-99-6	94
			Pyridine, 3-methyl-	63045	000108-99-6	94
8	6.58	0.38	C:\DATABASE\NBS75K.L			
			Pyridine, 3,5-dimethyl-	2047	000591-22-0	93
			Pyridine, 2,5-dimethyl-	2046	000589-93-5	92
			Pyridine, 3,4-dimethyl-	2050	000583-58-4	87
9	8.79	0.94	C:\DATABASE\NBS75K.L			
			3,4-Pyridinediamine	2193	000054-96-6	53
			2,6-Pyridinediamine	63811	000141-86-6	50
			Pyridine, 4-methoxy-	2201	000620-08-6	47

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
10	9.41	0.27	C:\DATABASE\NBS75K.L			
			1H-Pyrrole, 2,3,4,5-tetramethyl-	4056	001003-90-3	93
			Glycine, 2-(m-hydroxyphenyl)-, DL-	14232	007292-76-4	38
			Benzene, 1-methoxy-4-methyl-	64712	000104-93-8	35
11	11.49	0.17	C:\DATABASE\NBS75K.L			
			Pentanedioic acid, 2-methyl-, mono	12301	072088-36-9	38
			Pentanedioic acid, 3-methyl-, dime	16108	019013-37-7	35
			Cyclohexanecarboxylic acid	65020	000098-89-5	22
12	12.10	0.25	C:\DATABASE\NBS75K.L			
			Pentanedioic acid, diethyl ester	19778	000818-38-2	64
			Pentanedioic acid, diethyl ester	69156	000818-38-2	50
			Pentanedioic acid, diethyl ester	69155	000818-38-2	47
13	13.00	0.16	C:\DATABASE\NBS75K.L			
			Vinyldichlorosilane	4361	000000-00-0	37
			Piperidine, 4-methyl-	63292	000626-58-4	35
			Piperidine, 4-methyl-	1421	000626-58-4	35
14	19.51	0.49	C:\DATABASE\NBS75K.L			
			Benzo[b]thiophene, 3-(butylthio)-	28072	054965-44-5	25
			Benzo[b]thiophene, 3-(hexylthio)-	33912	055044-61-6	25
			Benzaldehyde, 2,4-dimethoxy-	13932	000613-45-6	22
15	19.84	0.48	C:\DATABASE\NBS75K.L			
			Phenol, 2-(2-quinoxalinyl)-	28139	017392-20-0	25
			Quinazoline, 4-phenyl-, 1-oxide	28137	004015-36-5	22
			Flavone	28172	000525-82-6	20
16	20.47	1.23	C:\DATABASE\NBS75K.L			
			Benzene, 1-methyl-4-(nitromethyl)-	9997	029559-27-1	14
			Pyridine, 2-ethyl-4,6-dimethyl-	6309	001124-35-2	14
			Pyridine, 2,6-diethyl-	6323	000935-28-4	14
17	20.74	0.39	C:\DATABASE\NBS75K.L			
			4-Pyridinecarboxaldehyde, 3-hydrox	14236	000066-72-8	20
			2H-1,4-Benzoxazin-3(4H)-one	9435	005466-88-6	18
			1H-Purin-6-amine, N-methyl-	66644	000443-72-1	14
18	20.81	0.34	C:\DATABASE\NBS75K.L			
			2',4'-Dimethoxy-3'-methylpropiophe	24862	077942-13-3	43
			p-tert-Amyl phenoxy ethanol	24939	006382-07-6	42
			Ethanol, 2-[4-(1,1-dimethylethyl)p	21346	000713-46-2	38
19	21.34	0.18	C:\DATABASE\NBS75K.L			
			Phenol, 4,6-di(1,1-dimethylethyl)-	27703	000616-55-7	43
			Butylated Hydroxytoluene	70556	000128-37-0	38
			Butylated Hydroxytoluene	70555	000128-37-0	38
20	24.29	0.21	C:\DATABASE\NBS75K.L			
			Ethanol, 2-[2-[4-(1,1,3,3-tetramet	41793	002315-61-9	90
			Pyrrolo[1,2-a]-1,3,5-triazine-7-ca	28303	054449-89-7	53
			6-(Methylamino)phenanthren-3-ol	28427	098033-23-9	25

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
21	27.02	0.21	C:\DATABASE\NBS75K.L			
			Phosphoric acid, triphenyl ester	73338	000115-86-6	98
			Phosphoric acid, triphenyl ester	73337	000115-86-6	64
			Phosphoric acid, triphenyl ester	46311	000115-86-6	62
22	27.33	1.50	C:\DATABASE\NBS75K.L			
			7-Amino-2,3-dihydro-5-phenyl-1H-1,	34112	004928-02-3	50
			Octicizer	50542	001241-94-7	49
			2-(4-Cyanophenyl)-5-dimethylaminom	34091	000000-00-0	40
23	28.04	1.55	C:\DATABASE\NBS75K.L			
			1-Propanol, 2-(2-methoxypropoxy)-	9232	013588-28-8	47
			Propanoic acid, 2-hydroxy-2-methyl	5790	000080-55-7	47
			2-Propanol, 1-[1-methyl-2-(2-prope	68438	055956-25-7	38
24	28.22	0.91	C:\DATABASE\NBS75K.L			
			Propanoic acid, 2-hydroxy-2-methyl	5790	000080-55-7	43
			2-Butanol, 3-methoxy-	1908	053778-72-6	38
			1-Propanol, 2-(2-methoxypropoxy)-	9232	013588-28-8	37
25	30.88	14.47	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	91
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	90
26	31.30	0.33	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	97
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	70
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	70
27	31.51	25.09	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	95
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	91
28	31.63	0.48	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	58
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	25
			Benzene, (2-ethoxyethyl)-	9794	001817-90-9	25
29	31.94	0.28	C:\DATABASE\NBS75K.L			
			Sarpagan-16-carboxylic acid, 3,17-	52356	053632-75-0	25
			Bikaverin	52326	033390-21-5	11
			2-Propanol, 1-[1-methyl-2-(2-prope	16196	055956-25-7	10
30	32.13	11.88	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	98
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	93
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	91
31	32.29	0.40	C:\DATABASE\NBS75K.L			
			1-Propanol, 2-(2-methoxypropoxy)-	9232	013588-28-8	22
			Oxirane, tetramethyl-	1579	005076-20-0	18
			3-Ethyl-2-methyl-2-pentanol	5501	000000-00-0	14

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
32	32.43	0.62	C:\DATABASE\NBS75K.L			
			2,4,6,8,9,10-Hexathiatricyclo[3.3.	50037	057274-38-1	27
			Propanoic acid, 2-hydroxy-2-methyl	5790	000080-55-7	27
			Pentane, 2-methoxy-	1778	006795-88-6	18
33	32.52	0.49	C:\DATABASE\NBS75K.L			
			1-Propanol, 2-(2-methoxypropoxy)-	9232	013588-28-8	37
			2,5,8,11-Tetraoxatetradecan-13-ol,	36541	020324-34-9	37
			2,5,8,11,14-Pentaoxapentadecane	70591	000143-24-8	27
34	32.80	4.15	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	95
			Phenothiaphosphine, 2,8-dimethyl-1	51105	023861-49-6	83
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	49
35	32.92	0.61	C:\DATABASE\NBS75K.L			
			2-Propanol, 1-(2-methoxypropoxy)-	9233	013429-07-7	43
			2,3-Butanediol, 2,3-dimethyl-	3526	000076-09-5	43
			Propane, 2-methoxy-	332	000598-53-8	43
36	33.02	1.64	C:\DATABASE\NBS75K.L			
			2-Butanol, 2,3-dimethyl-	63571	000594-60-5	43
			2,3-Butanediol, 2,3-dimethyl-	3526	000076-09-5	43
			l-Methamphetamine	9504	000000-00-0	43
37	33.20	4.03	C:\DATABASE\NBS75K.L			
			Propanoic acid, 2-hydroxy-2-methyl	5790	000080-55-7	43
			2-Propanol, 1,1'-[(1-methyl-1,2-et	69286	001638-16-0	35
			Pentane, 2-methoxy-	1778	006795-88-6	30

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433C.D
Operator : Marti
Acquired : 20 Jul 95 12:44 pm using AcqMethod EM31492
Sample Name: 0595-19c
Misc Info :
Vial Number: 1
CurrentMeth: C:\HPCHEM\1\METHODS\EM31492.M

Retention Time	Area	Area %	Ratio %
Total Ion Chromatogram			
1.413	286400223	15.725	62.664
1.549	89394555	4.908	19.559
1.948	9844895	0.541	2.154
2.469	12022407	0.660	2.630
2.585	52504483	2.883	11.488
3.017	1760137	0.097	0.385
4.546	18813749	1.033	4.116
6.584	6999810	0.384	1.532
8.783	17137504	0.941	3.750
9.405	4922009	0.270	1.077
11.494	3183056	0.175	0.696
12.101	4630889	0.254	1.013
12.995	2984941	0.164	0.653
19.506	8979798	0.493	1.965
19.842	8749159	0.480	1.914
20.473	22320983	1.226	4.884
20.739	7149723	0.393	1.564
20.804	6262520	0.344	1.370
21.342	3239067	0.178	0.709
24.288	3761610	0.207	0.823
27.019	3854377	0.212	0.843
27.329	27275684	1.498	5.968
28.044	28312447	1.555	6.195
28.221	16569141	0.910	3.625
30.878	263570633	14.471	57.669
31.301	6072617	0.333	1.329
31.518	457043107	25.094	100.000
31.635	8696299	0.477	1.903
31.941	5152491	0.283	1.127
32.138	216307750	11.876	47.328
32.293	7349580	0.404	1.608
32.429	11233070	0.617	2.458
32.521	8840735	0.485	1.934
32.798	75574122	4.149	16.535
32.926	11148061	0.612	2.439

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433C.D
Operator : Marti
Acquired : 20 Jul 95 12:44 pm using AcqMethod EM31492
Sample Name: 0595-19c
Misc Info :
Vial Number: 1
CurrentMeth: C:\HPCHEM\1\METHODS\EM31492.M

Retention Time	Area	Area %	Ratio %
33.022	29872343	1.640	6.536
33.197	73386349	4.029	16.057

Ion 55.00 (54.70 to 55.70): EM31433C.D
0595-19c

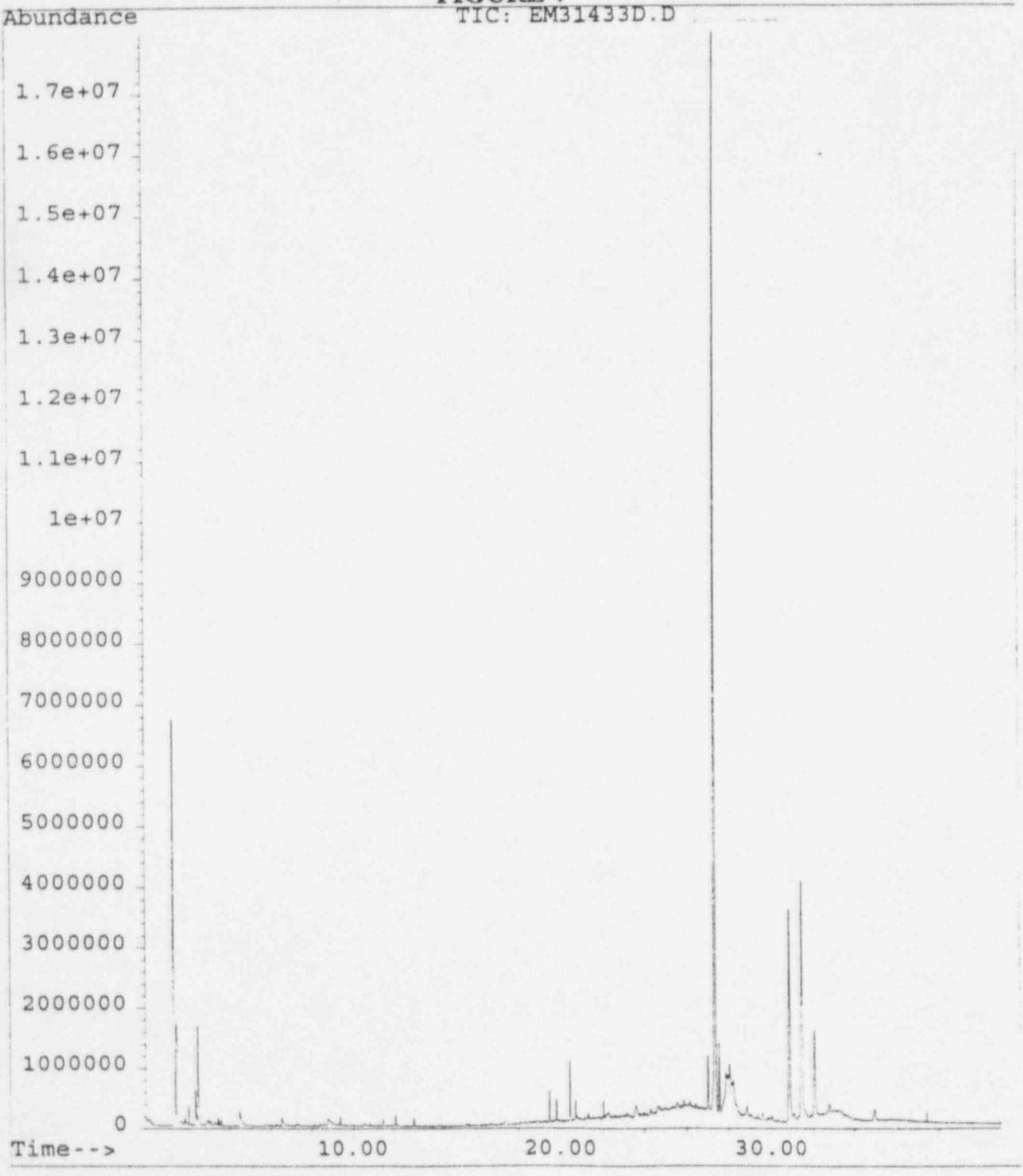
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.469	PV	0.053	7757019	2.415	2.569
2	2.582	VV	0.076	1627645	2.569	2.844

Ion 69.00 (68.70 to 69.70): EM31433C.D
0595-19c

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.588	BV	0.052	6707429	2.378	2.816

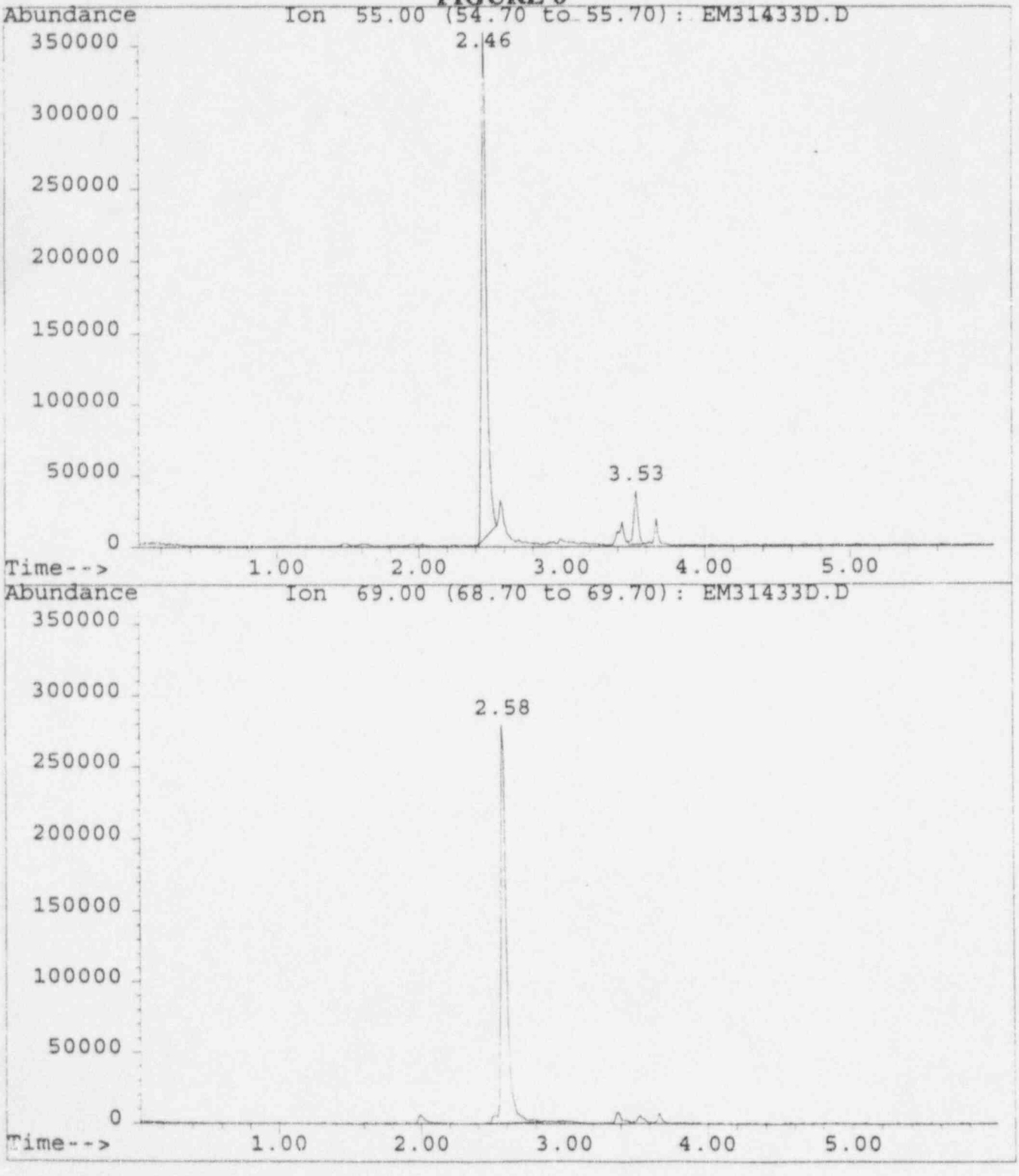
File : C:\HPCHEM\1\DATA\EM31433D.D
Operator : Marti
Acquired : 20 Jul 95 2:20 pm using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19d
Misc Info :
Vial Number: 1

FIGURE 7



File : C:\HPCHEM\1\DATA\EM31433D.D
Operator : Marti
Acquired : 20 Jul 95 2:20 pm using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19d
Misc Info :
Vial Number: 1

FIGURE 8



Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433D.D
Operator : Marti
Acquired : 20 Jul 95 2:20 pm using AcqMethod EM31492
Sample Name: 0595-19d
Misc Info .
Vial Number: 1

Search Libraries: C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Params: AutoIntegrate

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	1.40	15.44	C:\DATABASE\NBS75K.L			
			No matches found			
2	1.54	5.42	C:\DATABASE\NBS75K.L			
			No matches found			
3	2.13	0.26	C:\DATABASE\NBS75K.L			
			Urea, trimethyl-	1683	000632-14-4	42
			5,6-Dihydro-2,4,6-trimethyl-4H-1,3	13096	000638-17-5	36
4	2.47	0.90	C:\DATABASE\NBS75K.L			
			2-Propenoic acid, ethyl ester	63318	000140-88-5	91
			2-Propenoic acid, ethyl ester	63319	000140-88-5	83
			2-Propenoic acid, ethyl ester	1461	000140-88-5	80
5	2.58	2.97	C:\DATABASE\NBS75K.L			
			2-Butenoic acid, methyl ester, (E)	1458	000623-43-8	47
			2-Propenoic acid, 2-methyl-, methy	1484	000080-62-6	46
			2-Propenoic acid, 2-methyl-, methy	63329	000080-62-6	45
6	4.55	0.71	C:\DATABASE\NBS75K.L			
			Pyridine, 3-methyl-	981	000108-99-6	91
			Pyridine, 3-methyl-	63045	000108-99-6	91
			Pyridine, 3-methyl-	63044	000108-99-6	87
7	19.50	0.57	C:\DATABASE\NBS75K.L			
			2-Diethylamino-6,7-dihydro-4-oxo-4	34033	081287-24-3	15
			1,1'-Biphenyl, 3-azido-	21582	014213-01-5	11
			1H-Purine-2,6-dione, 1,7-diethyl-2	28002	054889-96-2	11
8	19.84	0.53	C:\DATABASE\NBS75K.L			
			1H-Purine-2,6-dione, 3,7-diethyl-3	28003	053432-05-6	25
			Acetic acid, (4-methoxycyclohexyli	22339	055103-56-5	25
			Flavone	28172	000525-82-6	25
9	20.47	1.54	C:\DATABASE\NBS75K.L			
			Acetic acid, (4-formylphenoxy)-, e	24812	051264-69-8	14
			Pyridine, 2,6-diethyl-	6323	000935-28-4	14
			3-Pyridinecarbonitrile, 1,4-dihydr	6098	000767-98-6	14

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
10	20.73	0.36	C:\DATABASE\NBS75K.L			
			4-Pyridinecarboxaldehyde, 3-hydrox	14236	000066-72-8	20
			1H-Purin-6-amine, N-methyl-	66644	000443-72-1	14
			2-Ethylformanilide	9474	002860-30-2	14
11	22.04	0.23	C:\DATABASE\NBS75K.L			
			Octicizer	50542	001241-94-7	55
			7-Amino-2,3-dihydro-5-phenyl-1H-1,	34112	004928-02-3	43
			Benzenamine, ar,ar-dibromo-	33621	050307-05-6	23
12	23.61	0.77	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	50
			Octicizer	50542	001241-94-7	43
			7-Amino-2,3-dihydro-5-phenyl-1H-1,	34112	004928-02-3	38
13	27.02	1.46	C:\DATABASE\NBS75K.L			
			Phosphoric acid, triphenyl ester	73338	000115-86-6	99
			Phosphoric acid, triphenyl ester	73337	000115-86-6	89
			Phosphoric acid, triphenyl ester	46311	000115-86-6	87
14	27.39	38.50	C:\DATABASE\NBS75K.L			
			Octicizer	50542	001241-94-7	90
			7-Amino-2,3-dihydro-5-phenyl-1H-1,	34112	004928-02-3	50
			2-(4-Cyanophenyl)-5-dimethylaminom	34091	000000-00-0	50
15	27.57	1.63	C:\DATABASE\NBS75K.L			
			No matches found			
16	27.89	1.64	C:\DATABASE\NBS75K.L			
			l-Methamphetamine	9504	000000-00-0	43
			2-Propanol, 1-[2-(2-methoxy-1-meth	24251	020324-33-8	40
			1-Propanol, 2-(2-methoxy-1-methyle	9239	055956-21-3	40
17	27.97	0.68	C:\DATABASE\NBS75K.L			
			l-Methamphetamine	9504	000000-00-0	43
			2-Propanol, 1-[2-(2-methoxy-1-meth	24251	020324-33-8	40
			1-Propanol, 2-(2-methoxy-1-methyle	9239	055956-21-3	40
18	28.05	1.29	C:\DATABASE\NBS75K.L			
			l-Methamphetamine	9504	000000-00-0	43
			2-Propanol, 1,1'-[(1-methyl-1,2-et	69286	001638-16-0	43
			2-Propanol, 1-[2-(2-methoxy-1-meth	24251	020324-33-8	40
19	30.84	9.21	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	93
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	91
20	31.46	11.96	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	95
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	86
21	32.07	3.92	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	94
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	93

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433D.D
Operator : Marti
Acquired : 20 Jul 95 2:20 pm using AcqMethod EM31492
Sample Name: 0595-19d
Misc Info :
Vial Number: 1
CurrentMeth: C:\HPCHEM\1\METHODS\EM31492.M

Retention Time	Area	Area %	Ratio %
Total Ion Chromatogram			
1.410	254233217	15.440	40.104
1.540	89318406	5.424	14.089
2.138	4207483	0.256	0.664
2.463	14868329	0.903	2.345
2.581	48949511	2.973	7.722
4.553	11674843	0.709	1.842
19.506	9400724	0.571	1.483
19.841	8662719	0.526	1.366
20.474	25362860	1.540	4.001
20.739	5960138	0.362	0.940
22.049	3768421	0.229	0.594
23.610	12616877	0.766	1.990
27.022	24039342	1.460	3.792
27.390	633936537	38.500	100.000
27.560	26904487	1.634	4.244
27.886	27040671	1.642	4.266
27.974	11166594	0.678	1.761
28.055	21317878	1.295	3.363
30.848	151700159	9.213	23.930
31.460	196918574	11.959	31.063
32.078	64554140	3.920	10.183

Ion 55.00 (54.70 to 55.70): EM31433D.D
0595-19d

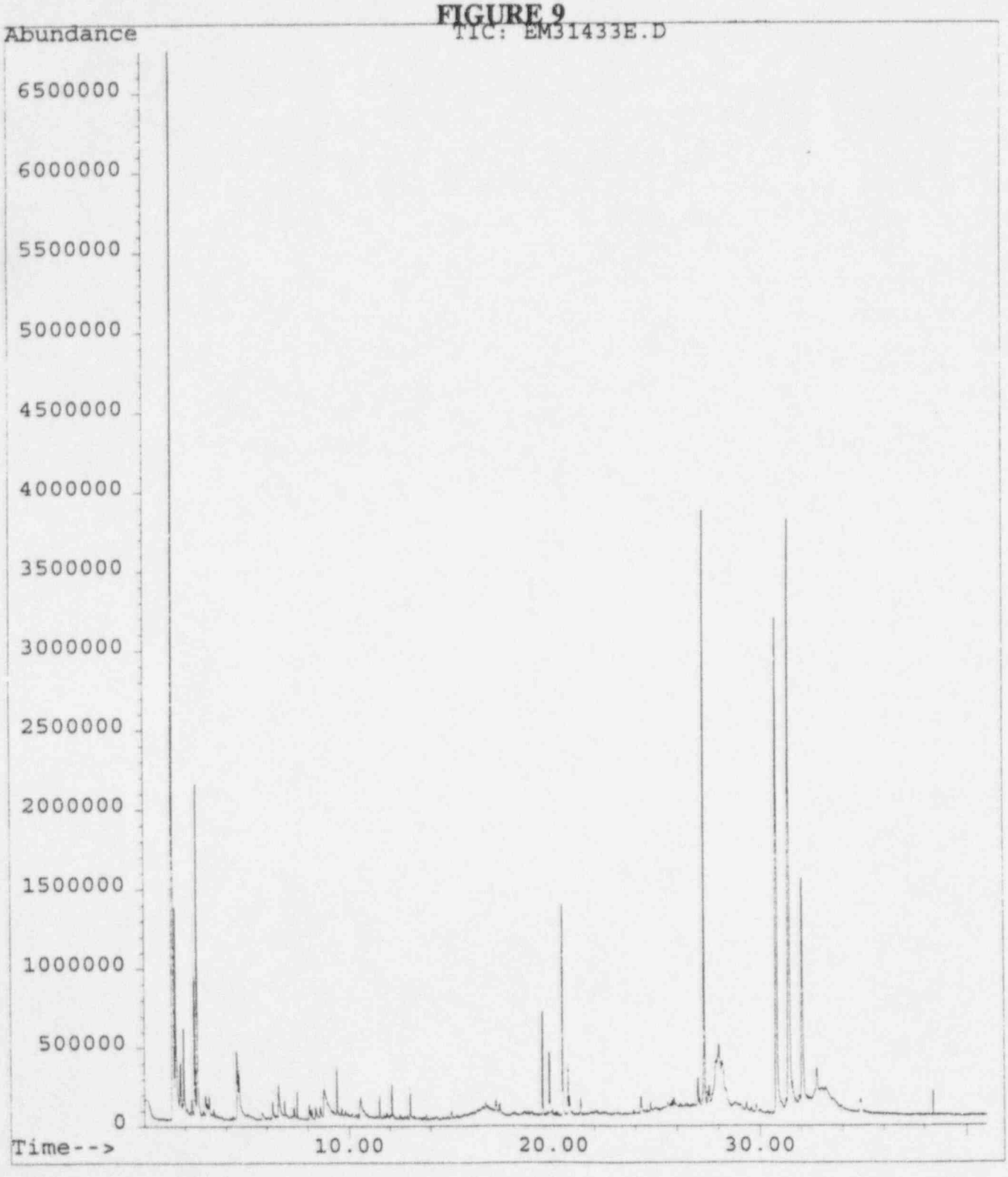
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.464	BV	0.039	8350240	2.415	2.552
2	3.534	VV	0.035	761027	3.477	3.600

Ion 69.00 (68.70 to 69.70): EM31433D.D
0595-19d

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.584	BB	0.042	7541446	2.435	2.852

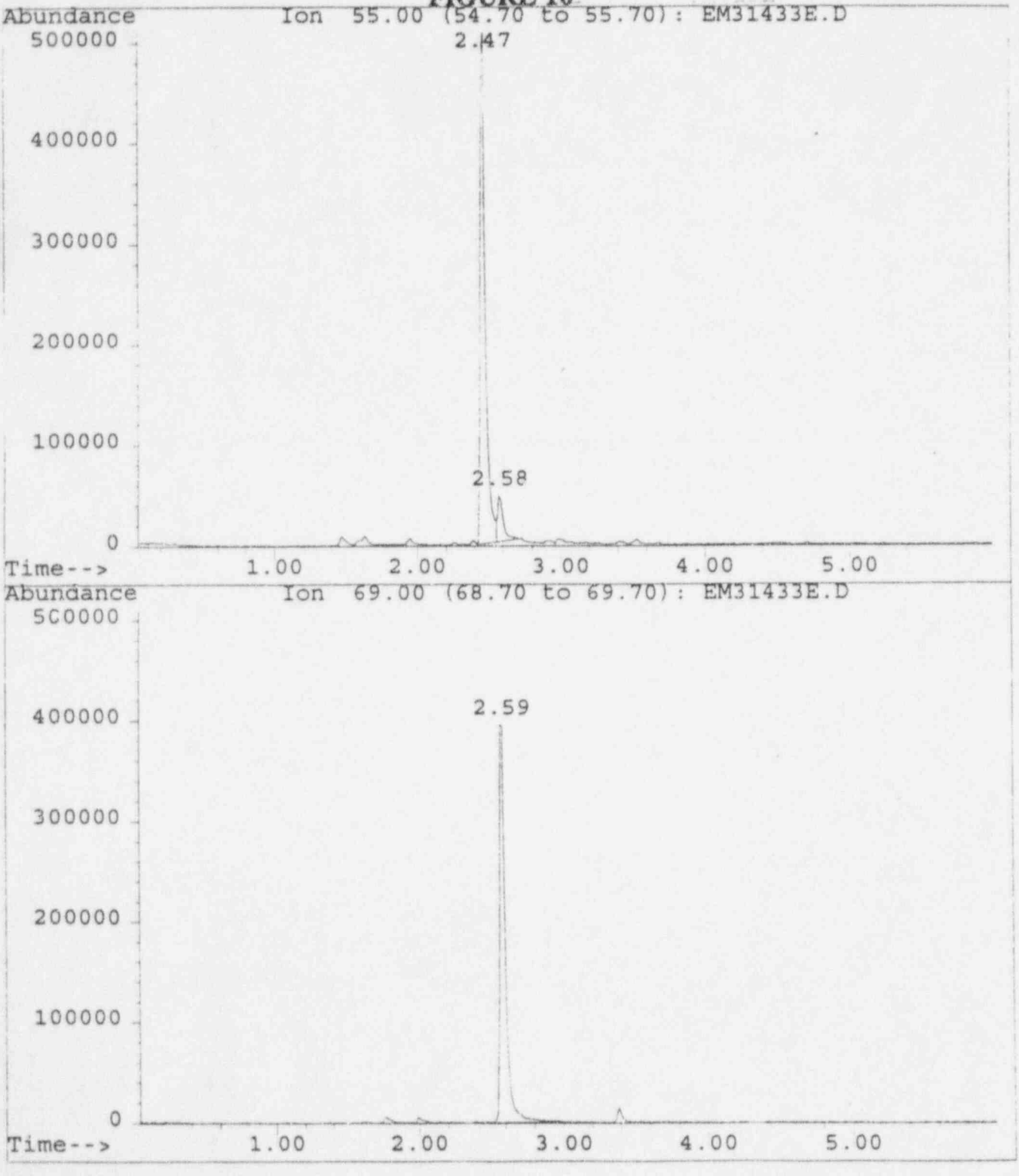
File : C:\HPCHEM\1\DATA\EM31433E.D
Operator : Marti
Acquired : 20 Jul 95 4:04 pm using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19e
Misc Info :
Vial Number: 1

FIGURE 9



File : C:\HPCHEM\1\DATA\EM31433E.D
Operator : Marti
Acquired : 20 Jul 95 4:04 pm using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19e
Misc Info :
Vial Number: 1

FIGURE 10



Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433E.D
Operator : Marti
Acquired : 20 Jul 95 4:04 pm using AcqMethod EM31492
Sample Name: 0595-19e
Misc Info :
Vial Number: 1

Search Libraries: C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Params: AutoIntegrate

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	1.42	22.23	C:\DATABASE\NBS75K.L			
			No matches found			
2	1.55	4.87	C:\DATABASE\NBS75K.L			
			No matches found			
3	1.79	1.32	C:\DATABASE\NBS75K.L			
			2-Butenal	62440	004170-30-3	90
			2-Propenal, 2-methyl-	62430	000078-85-3	87
			Furan, 2,3-dihydro-	62438	001191-99-7	86
4	1.94	1.86	C:\DATABASE\NBS75K.L			
			Furan, 2-methyl-	463	000534-22-5	94
			Furan, 2-methyl-	62666	000534-22-5	87
			Furan, 2-methyl-	62665	000534-22-5	86
5	2.47	2.18	C:\DATABASE\NBS75K.L			
			2-Propenoic acid, ethyl ester	63318	000140-88-5	91
			2-Propenoic acid, ethyl ester	1461	000140-88-5	87
			2-Propenoic acid, ethyl ester	63319	000140-88-5	83
6	2.58	5.80	C:\DATABASE\NBS75K.L			
			2-Butenoic acid, methyl ester, (E)	1458	000623-43-8	53
			2-Propenoic acid, 2-methyl-, methy	1484	000080-62-6	52
			2-Propenoic acid, 2-methyl-, methy	63330	000080-62-6	49
7	2.99	0.36	C:\DATABASE\NBS75K.L			
			Pyridine	62633	000110-86-1	76
			Pyridine	62632	000110-86-1	76
			2-Pyridinemethanol, .alpha.-2-pyri	19421	035047-29-1	64
8	4.53	1.44	C:\DATABASE\NBS75K.L			
			Pyridine, 3-methyl-	63045	000108-99-6	94
			Pyridine, 3-methyl-	981	000108-99-6	94
			Pyridine, 3-methyl-	63046	000108-99-6	91
9	4.64	1.22	C:\DATABASE\NBS75K.L			
			Pyridine, 3-methyl-	63045	000108-99-6	55
			Pyridine, 4-methyl-	980	000108-89-4	55
			Pyridine, 3-methyl-	63044	000108-99-6	52

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
10	6.58	0.80	C:\DATABASE\NBS75K.L			
			Pyridine, 3,5-dimethyl-	2047	000591-22-0	95
			Pyridine, 3,4-dimethyl-	2050	000583-58-4	94
			Pyridine, 2,5-dimethyl-	2046	000589-93-5	93
11	8.79	1.67	C:\DATABASE\NBS75K.L			
			Benzenamine, 4-propoxy-	10015	004469-80-1	53
			2(1H)-Pyridinone, 1-methyl-	63813	000694-85-9	53
			2,3-Pyridinediamine	2194	000452-58-4	52
12	9.41	0.64	C:\DATABASE\NBS75K.L			
			1H-Pyrrole, 2,3,4,5-tetramethyl-	4056	001003-90-3	93
			Benzene, 1-methoxy-4-methyl-	64712	000104-93-8	35
			Phenol, 2-amino-4-methyl-	4034	000095-84-1	25
13	12.10	0.41	C:\DATABASE\NBS75K.L			
			Pentanedioic acid, diethyl ester	19778	000818-38-2	74
			Pentanedioic acid, diethyl ester	69155	000818-38-2	58
			Pentanedioic acid, diethyl ester	69156	000818-38-2	53
14	12.99	0.46	C:\DATABASE\NBS75K.L			
			2H-Quinolizin-3-ol, octahydro-, tr	11200	015769-36-5	35
			Fumaric Acid	64253	000110-17-8	27
			Piperidine, 4-methyl-	63291	000626-58-4	27
15	19.50	1.24	C:\DATABASE\NBS75K.L			
			1H-Purine, 6-(methylthio)-	67932	000050-66-8	12
			Thiazolo[4,5-f]quinoline, 2-methyl	22880	038463-33-1	10
			1H-Pyrrole-2-carboxylic acid, 3-et	14264	069687-81-6	10
16	19.84	1.13	C:\DATABASE\NBS75K.L			
			Flavone	28172	000525-82-6	30
			Flavone	70612	000525-82-6	22
			3-Cyclobutene-1,2-dicarboxylic aci	34695	055673-96-6	20
17	20.47	3.01	C:\DATABASE\NBS75K.L			
			3-(3-Methoxyphenyl)propionic acid	24861	007116-39-4	32
			Pyridine, 2-ethyl-4,6-dimethyl-	6309	001124-35-2	14
			Pyridine, 2,6-diethyl-	6323	000935-28-4	14
18	20.74	0.49	C:\DATABASE\NBS75K.L			
			2H-Indol-2-one, 1,3-dihydro-5-hydr	9439	003416-18-0	15
			Benzene, 1-methoxy-4-phenoxy-	22977	001655-69-2	15
			1H-Purin-6-amine, N-methyl-	66644	000443-72-1	11
19	27.02	0.44	C:\DATABASE\NBS75K.L			
			Phosphoric acid, triphenyl ester	73338	000115-86-6	99
			Phosphoric acid, triphenyl ester	73337	000115-86-6	91
			Phosphoric acid, triphenyl ester	46311	000115-86-6	83
20	27.34	9.30	C:\DATABASE\NBS75K.L			
			Octicizer	50542	001241-94-7	55
			7-Amino-2,3-dihydro-5-phenyl-1H-1,	34112	004928-02-3	53
			2-(4-Cyanophenyl)-5-dimethylaminom	34091	000000-00-0	42

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
21	27.89	0.64	C:\DATABASE\NBS75K.L			
			2-Butanol, 3-methoxy-	1908	053778-72-6	46
			2-Propanol, 1-(2-methoxypropoxy)-	9233	013429-07-7	43
			Propane, 2-ethoxy-2-methyl-	1790	000637-92-3	43
22	28.05	1.63	C:\DATABASE\NBS75K.L			
			2,5,8,11,14-Pentaoxapentadecane	28004	000143-24-8	43
			2-Hexanol, 2-methyl-	64355	000625-23-0	43
			2-Propanol, 1-(2-methoxypropoxy)-	9233	013429-07-7	43
23	28.17	0.04	C:\DATABASE\NBS75K.L			
			Propanoic acid, 2-hydroxy-2-methyl	3494	002110-78-3	46
			Oxirane, tetramethyl-	63415	005076-20-0	43
			2-Butanol, 2,3-dimethyl-	63571	000594-60-5	43
24	30.84	13.12	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	93
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	91
25	31.45	16.66	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	98
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	94
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	91
26	32.07	6.10	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	95
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	90
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	87
27	32.76	0.96	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	95
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	91
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	86

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433E.D
Operator : Marti
Acquired : 20 Jul 95 4:04 pm using AcqMethod EM31492
Sample Name: 0595-19e
Misc Info :
Vial Number: 1
CurrentMeth: C:\HPCHEM\1\METHODS\EM31492.M

Retention Time	Area	Area %	Ratio %
Total Ion Chromatogram			
1.410	230396405	22.228	100.000
1.546	50436581	4.866	21.891
1.780	13634682	1.315	5.918
1.945	19266929	1.859	8.363
2.466	22598562	2.180	9.809
2.584	60070689	5.795	26.073
2.990	3681976	0.355	1.598
4.530	14876516	1.435	6.457
4.638	12600113	1.216	5.469
6.575	8289274	0.800	3.598
8.781	17361601	1.675	7.536
9.403	6633852	0.640	2.879
12.104	4198657	0.405	1.822
12.998	4756604	0.459	2.065
19.507	12876754	1.242	5.589
19.842	11676835	1.127	5.068
20.475	31235814	3.014	13.557
20.739	5051536	0.487	2.193
27.018	4566695	0.441	1.982
27.338	96418120	9.302	41.849
27.884	6635848	0.640	2.880
28.053	16917102	1.632	7.343
28.178	419099	0.040	0.182
30.847	136020291	13.123	59.038
31.457	172705111	16.662	74.960
32.078	63278422	6.105	27.465
32.766	9922597	0.957	4.307

Ion 55.00 (54.70 to 55.70): EM31433E.D
0595-19e

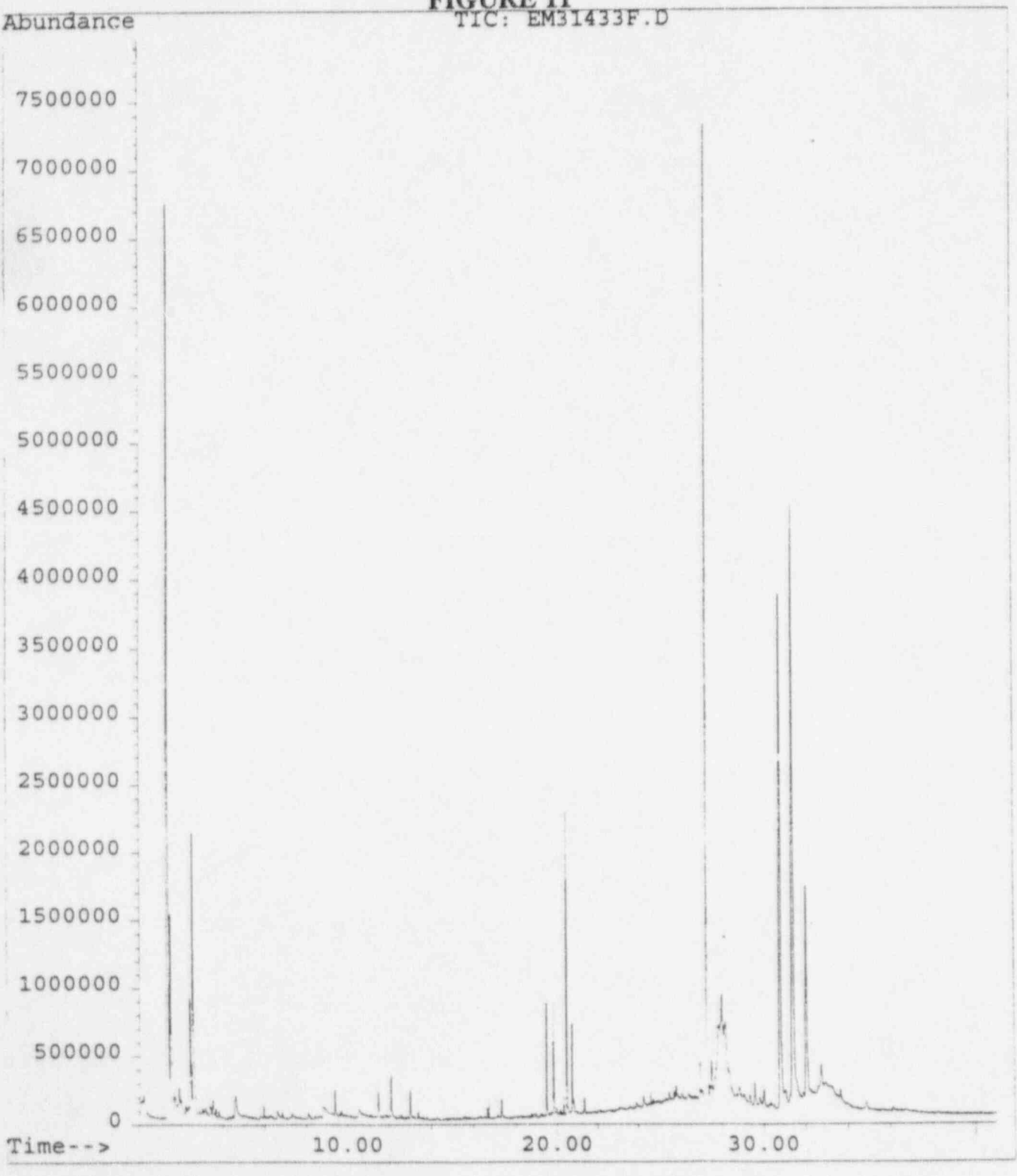
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.466	PV	0.039	12908601	2.420	2.555
2	2.583	VB	0.045	1334935	2.555	2.716

Ion 69.00 (68.70 to 69.70): EM31433E.D
0595-19e

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.585	BB	0.041	10887152	2.365	2.960

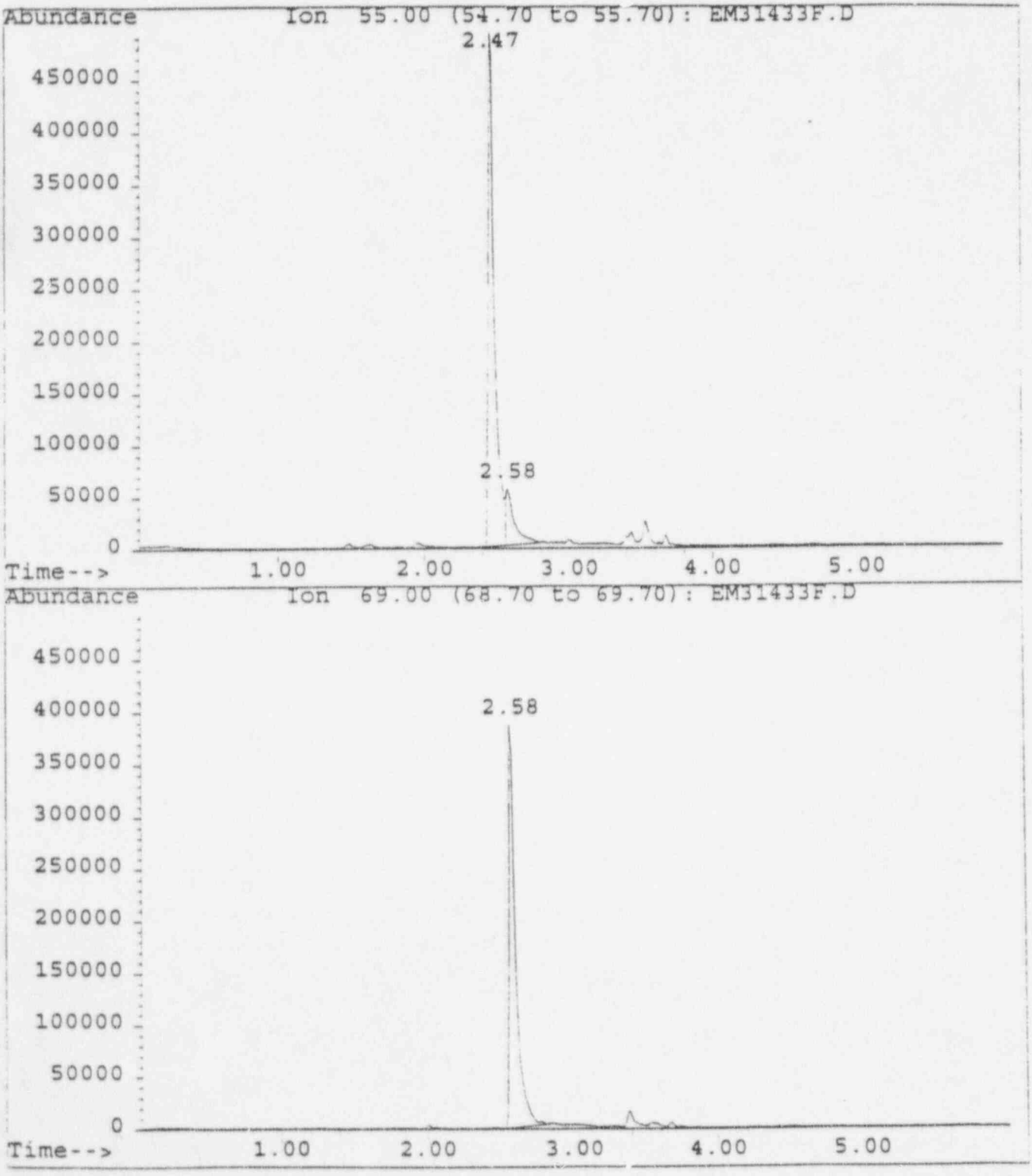
File : C:\HPCHEM\1\DATA\EM31433F.D
Operator : Marti
Acquired : 21 Jul 95 9:20 am using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19f
Misc Info :
Vial Number: 1

FIGURE 11



File : C:\HPCHEM\1\DATA\EM31433F.D
Operator : Marti
Acquired : 21 Jul 95 9:20 am using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19f
Misc Info :
Vial Number: 1

FIGURE 12



Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433F.D
Operator : Marti
Acquired : 21 Jul 95 9:20 am using AcqMethod EM31492
Sample Name: 0595-19f
Misc Info :
Vial Number: 1

Search Libraries: C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Params: AutoIntegrate

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	1.40	18.06	C:\DATABASE\NBS75K.L			
			No matches found			
2	1.55	4.03	C:\DATABASE\NBS75K.L			
			No matches found			
3	1.94	0.60	C:\DATABASE\NBS75K.L			
			Tetrahydro-4H-pyran-4-ol	1718	002081-44-9	38
			Urea, trimethyl-	1683	000632-14-4	37
			Propanenitrile, 3-(methylamino)-	542	000693-05-0	23
4	2.47	1.73	C:\DATABASE\NBS75K.L			
			2-Propenoic acid, ethyl ester	63318	000140-88-5	91
			2-Propenoic acid, ethyl ester	63319	000140-88-5	83
			2-Propenoic acid, ethyl ester	63317	000140-88-5	83
5	2.58	4.56	C:\DATABASE\NBS75K.L			
			2-Butenoic acid, methyl ester, (E)	63312	000623-43-8	64
			2-Propenoic acid, 2-methyl-, methy	63330	000080-62-6	52
			2-Propenoic acid, 2-methyl-, methy	63329	000080-62-6	52
6	4.64	0.65	C:\DATABASE\NBS75K.L			
			Pyridine, 2-methyl-	977	000109-06-8	87
			Pyridine, 3-methyl-	63045	000108-99-6	86
			Pyridine, 3-methyl-	981	000108-99-6	55
7	9.40	0.34	C:\DATABASE\NBS75K.L			
			1H-Pyrrole, 2,3,4,5-tetramethyl-	4056	001003-90-3	87
			5-Dimethylaminopyrimidine	4021	031401-46-4	35
			Niacinamide	64644	000098-92-0	35
8	11.49	0.39	C:\DATABASE\NBS75K.L			
			Pentanedioic acid, 2-methyl-, mono	12301	072088-36-9	43
			Pentanedioic acid, 2-methyl-, dime	16129	014035-94-0	23
			2-Hexenoic acid, 2-methyl-, methyl	7932	050652-82-9	14
9	12.10	0.69	C:\DATABASE\NBS75K.L			
			Pentanedioic acid, diethyl ester	19778	000818-38-2	74
			Pentanedioic acid, diethyl ester	69156	000818-38-2	59
			Pentanedioic acid, diethyl ester	69155	000818-38-2	47

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
10	12.99	0.40	C:\DATABASE\NBS75K.L			
			Vinyldichlorosilane	4361	000000-00-0	43
			Fumaric Acid	64253	000110-17-8	32
			Piperidine, 4-methyl-	63292	000626-58-4	27
11	17.35	0.24	C:\DATABASE\NBS75K.L			
			Phenol, 4-(1,1,3,3-tetramethylbuty	24424	000140-66-9	87
			Phenol, 4-(2,2,3,3-tetramethylbuty	24409	054932-78-4	80
			Phenol, 4-(1,1,3,3-tetramethylbuty	70047	000140-66-9	64
12	19.50	1.05	C:\DATABASE\NBS75K.L			
			Benzo[b]thiophene, 2-(butylthio)-	28074	054965-46-7	25
			Benzo[b]thiophene, 2-[(2-methylpro	28075	054965-47-8	11
			Thiazolo[4,5-f]quinoline, 2-methyl	22880	038463-33-1	10
13	19.84	0.95	C:\DATABASE\NBS75K.L			
			Flavone	70612	000525-82-6	22
			Phenol, 2-(2-quinoxalinyl)-	28139	017392-20-0	15
			Heteroxanthine, 1,3-diethyl-	28000	031617-39-7	14
14	20.47	2.73	C:\DATABASE\NBS75K.L			
			3-(3-Methoxyphenyl)propionic acid	24861	007116-39-4	38
			Benzene, 1-methyl-4-(nitromethyl)-	9997	029559-27-1	14
			2-Methyl-1-vinylnaphth(2,3-d)imida	24948	000000-00-0	11
15	20.73	1.06	C:\DATABASE\NBS75K.L			
			1H-Purin-6-amine, N-methyl-	66644	000443-72-1	25
			Benzenamine, 4,4'-oxybis-	22924	000101-80-4	25
			Benzoic acid, 4-ethoxy-, ethyl est	21260	023676-09-7	20
16	27.02	0.75	C:\DATABASE\NBS75K.L			
			Phosphoric acid, triphenyl ester	73338	000115-86-6	99
			Phosphoric acid, triphenyl ester	73337	000115-86-6	93
			Phosphoric acid, triphenyl ester	46311	000115-86-6	87
17	27.35	15.04	C:\DATABASE\NBS75K.L			
			Octicizer	50542	001241-94-7	90
			7-Amino-2,3-dihydro-5-phenyl-1H-1,	34112	004928-02-3	53
			2-(4-Cyanophenyl)-5-dimethylaminom	34091	000000-00-0	42
18	27.55	1.00	C:\DATABASE\NBS75K.L			
			2H-1-Benzopyran-2-one, 7-amino-4-m	16440	026093-31-2	50
19	27.76	1.00	C:\DATABASE\NBS75K.L			
			Propanoic acid, 2-hydroxy-2-methyl	3494	002110-78-3	46
			2-Propanol, 1-[1-methyl-2-(2-prope	16196	055956-25-7	43
			2-Propanol, 1-(2-methoxypropoxy)-	9233	013429-07-7	43
20	27.87	2.83	C:\DATABASE\NBS75K.L			
			Oxirane, tetramethyl-	63415	005076-20-0	43
			Propane, 2-ethoxy-2-methyl-	1790	000637-92-3	43
			2-Propanol, 2-methyl-	62573	000075-65-0	43
21	28.05	5.21	C:\DATABASE\NBS75K.L			
			2-Propanol, 1-[2-(2-methoxy-1-meth	24251	020324-33-8	40
			1-Propanol, 2-(2-methoxy-1-methyle	9239	055956-21-3	40
			Butanamide, 3-methyl-	1621	000541-46-8	38

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
22	28.22	3.39	C:\DATABASE\NBS75K.L			
			Oxirane, tetramethyl-	63415	005076-20-0	43
			Butane, 2-methoxy-3-methyl-	1791	062016-49-3	43
			2,5,8,11,14-Pentaoxapentadecane	28004	000143-24-8	43
23	29.59	0.59	C:\DATABASE\NBS75K.L			
			Dibenz[a,j]acridine	72238	000224-42-0	35
			Dibenz[a,j]acridine	39333	000224-42-0	35
			2-Aminodiftalone	39294	037149-92-1	23
24	30.86	11.66	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	91
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	90
25	31.46	15.28	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	95
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	93
26	32.08	5.07	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	98
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	93
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	76
27	32.76	0.70	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	96
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	95
			Diphenanthro[9,10-b:9',10'-d]furan	51195	000000-00-0	78

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433F.D
Operator : Marti
Acquired : 21 Jul 95 9:20 am using AcqMethod EM31492
Sample Name: 0595-19f
Misc Info :
Vial Number: 1
CurrentMeth: C:\HPCHEM\1\METHODS\EM31492.M

Retention Time	Area	Area %	Ratio %
Total Ion Chromatogram			
1.408	263356599	18.063	100.000
1.543	58700794	4.026	22.289
1.945	8702165	0.597	3.304
2.464	25250071	1.732	9.588
2.582	66439453	4.557	25.228
4.633	9453484	0.648	3.590
9.403	4937028	0.339	1.875
11.495	5706772	0.391	2.167
12.103	10060609	0.690	3.820
12.996	5875715	0.403	2.231
17.345	3441660	0.236	1.307
19.506	15290388	1.049	5.806
19.841	13872002	0.951	5.267
20.475	39743711	2.726	15.091
20.738	15446143	1.059	5.865
27.017	10883687	0.747	4.133
27.350	219276548	15.040	83.262
27.556	14610021	1.002	5.548
27.752	14586967	1.001	5.539
27.880	41283065	2.832	15.676
28.052	75919482	5.207	28.828
28.221	49491631	3.395	18.793
29.596	8592719	0.589	3.263
30.852	169971402	11.658	64.540
31.463	222842656	15.285	84.616
32.079	73957654	5.073	28.083
32.768	10265930	0.704	3.898

Ion 55.00 (54.70 to 55.70): EM31433F.D
0595-19f

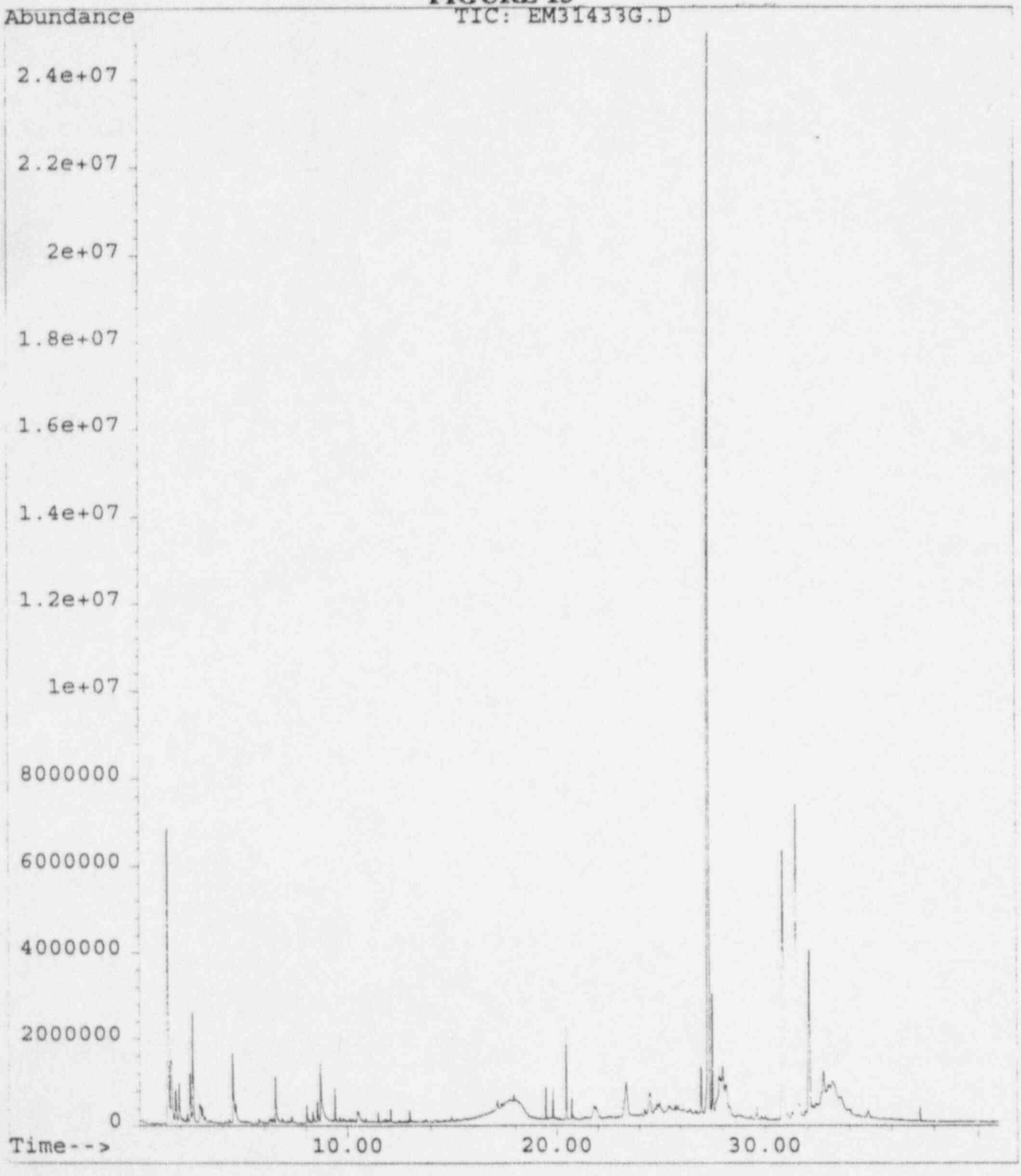
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.465	BV	0.045	14908438	2.345	2.558
2	2.579	VV	0.064	2416449	2.558	2.802

Iop 69.00 (68.70 to 69.70): EM31433F.D
0595-19f

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.584	BV	0.046	11858796	2.514	2.820

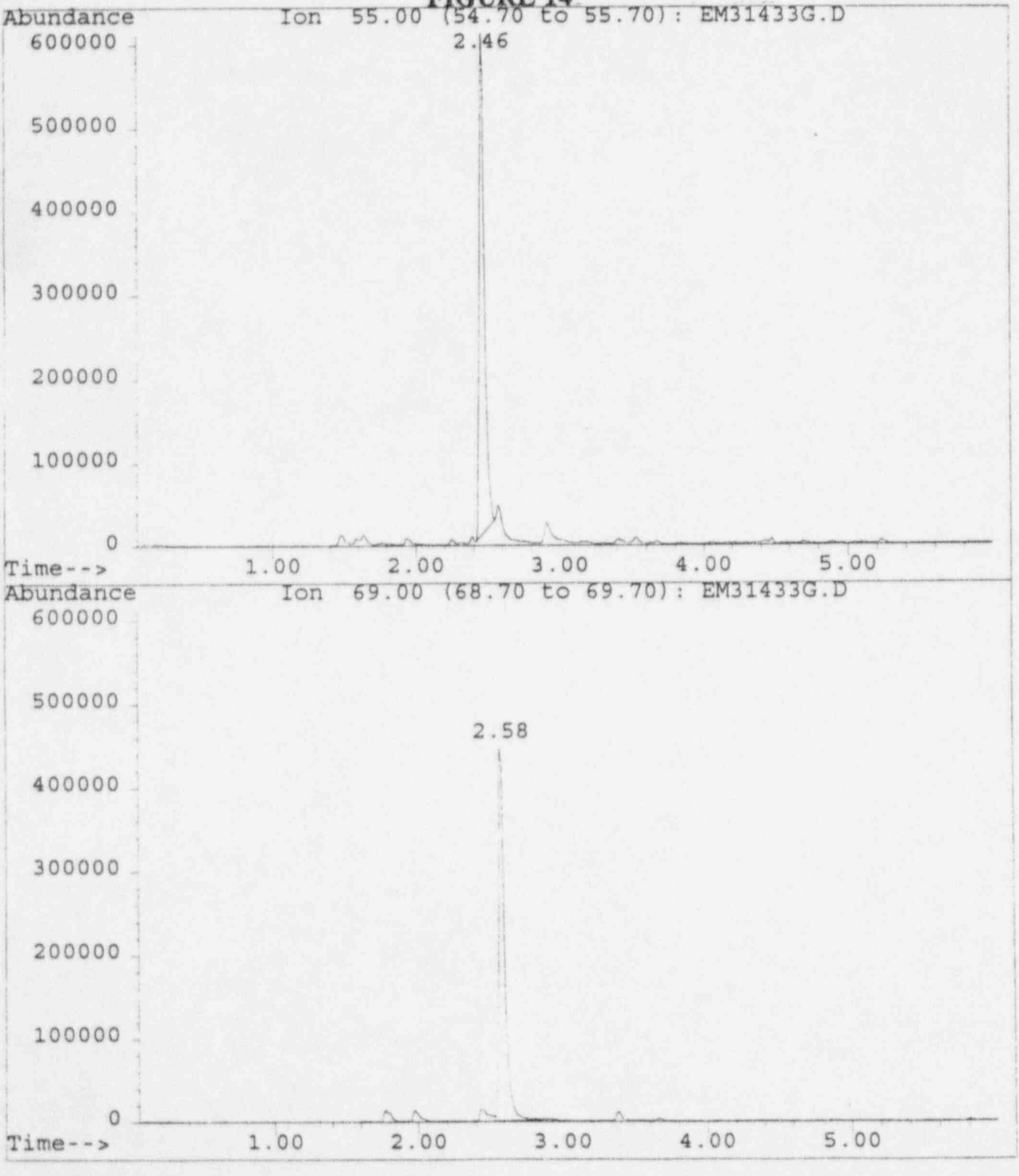
File : C:\HPCHEM\1\DATA\EM31433G.D
Operator : Marti
Acquired : 21 Jul 95 10:33 am using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19g
Misc Info :
Vial Number: 1

FIGURE 13



File : C:\HPCHEM\1\DATA\EM31433G.D
Operator : Marti
Acquired : 21 Jul 95 10:33 am using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19g
Misc Info :
Vial Number: 1

FIGURE 14



Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433G.D
Operator : Marti
Acquired : 21 Jul 95 10:33 am using AcqMethod EM31492
Sample Name: 0595-19g
Misc Info :
Vial Number: 1

Search Libraries: C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Params: AutoIntegrate

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	1.42	8.12	C:\DATABASE\NBS75K.L			
			No matches found			
2	1.57	2.53	C:\DATABASE\NBS75K.L			
			No matches found			
3	1.77	0.79	C:\DATABASE\NBS75K.L			
			2-Butenal	62440	004170-30-3	91
			2-Butenal	62442	004170-30-3	91
			2-Butenal, (E)-	214	000123-73-9	90
4	1.94	0.88	C:\DATABASE\NBS75K.L			
			Furan, 2-methyl-	463	000534-22-5	90
			Furan, 2-methyl-	62666	000534-22-5	86
			Furan, 2-methyl-	62665	000534-22-5	64
5	2.47	0.90	C:\DATABASE\NBS75K.L			
			2-Propenoic acid, ethyl ester	63318	000140-88-5	91
			2-Propenoic acid, ethyl ester	1461	000140-88-5	91
			2-Propenoic acid, ethyl ester	63319	000140-88-5	83
6	2.58	2.17	C:\DATABASE\NBS75K.L			
			2-Propenoic acid, 2-methyl-, methy	63330	000080-62-6	46
			2-Propenoic acid, 2-methyl-, methy	63329	000080-62-6	46
			2-Propenoic acid, 2-methyl-, methy	1484	000080-62-6	46
7	2.92	0.58	C:\DATABASE\NBS75K.L			
			Cyclobutane	62310	000287-23-0	43
			2-Butene, (E)-	62301	000624-64-6	38
			2-Butene, (E)-	75	000624-64-6	38
8	3.04	0.29	C:\DATABASE\NBS75K.L			
			1H-Pyrrole, 1-methyl-	62656	000096-54-8	43
			1H-Pyrrole, 1-methyl-	62657	000096-54-8	38
			2-Hexen-4-yne, (Z)-	432	030626-48-3	38
9	4.50	1.32	C:\DATABASE\NBS75K.L			
			Pyridine, 3-methyl-	981	000108-99-6	96
			Pyridine, 3-methyl-	63045	000108-99-6	95
			Pyridine, 3-methyl-	63044	000108-99-6	94

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
10	4.64	0.56	C:\DATABASE\NBS75K.L			
			Benzene, 1,3-dimethyl-	63697	000108-38-3	91
			Benzene, 1,2-dimethyl-	63706	000095-47-6	87
			p-Xylene	63702	000106-42-3	55
11	6.53	0.93	C:\DATABASE\NBS75K.L			
			Pyridine, 3,5-dimethyl-	2047	000591-22-0	95
			Pyridine, 3,5-dimethyl-	63720	000591-22-0	91
			Pyridine, 3,4-dimethyl-	2050	000583-58-4	90
12	8.05	0.27	C:\DATABASE\NBS75K.L			
			Pyridine, 2,3,5-trimethyl-	3839	000695-98-7	91
			Pyridine, 2,3,6-trimethyl-	3822	001462-84-6	90
			Pyridine, 2,3,6-trimethyl-	64607	001462-84-6	87
13	8.34	0.23	C:\DATABASE\NBS75K.L			
			Pyridine, 3-ethyl-5-methyl-	3821	003999-78-8	97
			Aniline, 2-ethyl-	3813	000587-02-0	93
			Benzenamine, 2,6-dimethyl-	64612	000087-62-7	91
14	8.55	0.39	C:\DATABASE\NBS75K.L			
			Pyridine, 5-ethenyl-2-methyl-	3656	000140-76-1	94
			4-Aminostyrene	3652	001520-21-4	87
			Benzene, isocyanato-	3642	000103-71-9	53
15	8.71	1.90	C:\DATABASE\NBS75K.L			
			2,3-Pyridinediamine	2194	000452-58-4	59
			3,4-Pyridinediamine	2193	000054-96-6	59
			Phenol, 3-amino-	2210	000591-27-5	53
16	9.40	0.37	C:\DATABASE\NBS75K.L			
			1H-Pyrrole, 2,3,4,5-tetramethyl-	4056	001003-90-3	94
			1H-Pyrrole, 3-ethyl-2,4,5-trimethy	65853	000520-69-4	37
			Pyrazine, 5-butyl-2,3-dimethyl-	67853	015834-78-3	32
17	10.49	0.11	C:\DATABASE\NBS75K.L			
			Ethanone, 1-(1-methyl-1H-pyrrol-2-	64728	000932-16-1	78
			1H-Pyrrole, 2-ethyl-3,5-dimethyl-	4057	032990-59-3	72
			1H-Pyrrole, 3-ethyl-2,4-dimethyl-	64742	000517-22-6	64
18	11.49	0.15	C:\DATABASE\NBS75K.L			
			Butanedioic acid, 2,2-dimethyl-, d	16117	049827-44-3	27
			Pentanedioic acid, 2-methyl-, mono	12301	072088-36-9	25
			Pentanedioic acid, 2-methyl-, dime	68429	014035-94-0	22
19	12.10	0.19	C:\DATABASE\NBS75K.L			
			Pentanedioic acid, diethyl ester	19778	000818-38-2	87
			Pentanedioic acid, diethyl ester	69155	000818-38-2	59
			Pentanedioic acid, diethyl ester	69156	000818-38-2	59
20	12.99	0.16	C:\DATABASE\NBS75K.L			
			Vinyldichlorosilane	4361	000000-00-0	43
			Azacycloheptane, N-[(4,5-dichlorop	49679	000000-00-0	32
			2H-Quinolizin-3-ol, octahydro-, tr	11200	015769-36-5	32

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
21	17.17	0.28	C:\DATABASE\NBS75K.L			
			1,3-Propanediol, 2,2-bis(hydroxyme	6397	000115-77-5	41
			Thiopental	71223	000076-75-5	38
			Julolidine	16010	000479-59-4	35
22	17.75	0.37	C:\DATABASE\NBS75K.L			
			1,3-Propanediol, 2,2-bis(hydroxyme	6397	000115-77-5	91
			1,5-Pentanediol, 3-methyl-	64449	004457-71-0	45
			2-Butene-1,4-diol	795	000110-64-5	43
23	17.94	0.11	C:\DATABASE\NBS75K.L			
			1,3-Propanediol, 2,2-bis(hydroxyme	6397	000115-77-5	91
			2-Butene-1,4-diol	795	000110-64-5	53
			1,5-Pentanediol, 3-methyl-	64449	004457-71-0	50
24	19.50	0.39	C:\DATABASE\NBS75K.L			
			Tetrafluoroisophthalonitrile	22748	002377-81-3	11
			Benzene, dichloromethyl(1-methylet	22825	054889-89-3	11
			Thiazolo[4,5-f]quinoline, 7-methyl	22884	003119-54-8	10
25	19.84	0.38	C:\DATABASE\NBS75K.L			
			Flavone	28172	000525-82-6	30
			Flavone	70612	000525-82-6	27
			Phenol, 2-(2-quinoxalinyl)-	28139	017392-20-0	25
26	20.48	1.08	C:\DATABASE\NBS75K.L			
			3-(3-Methoxyphenyl)propionic acid	24861	007116-39-4	38
			3-Pyridinecarbonitrile, 1,4-dihydr	6098	000767-98-6	18
			1,3-Dithiolane, 2,2-dimethyl-	6050	006008-78-2	14
27	20.73	0.19	C:\DATABASE\NBS75K.L			
			3-(3-Pyridyl)propenoic acid	9438	001126-74-5	22
			4-Pyridinecarboxaldehyde, 3-hydrox	14236	000066-72-8	18
			4-Amino-2-methyl-5,6-trimethylenep	9460	076881-49-7	18
28	21.81	-0.04	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	98
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	81
29	23.39	1.94	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	96
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	93
30	24.52	1.04	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	98
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	94
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	89
31	27.03	0.86	C:\DATABASE\NBS75K.L			
			Phosphoric acid, triphenyl ester	73338	000115-86-6	99
			Phosphoric acid, triphenyl ester	73337	000115-86-6	96
			Phosphoric acid, triphenyl ester	46311	000115-86-6	93

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
32	27.42	34.24	C:\DATABASE\NBS75K.L			
			Octicizer	50542	001241-94-7	81
			7-Amino-2,3-dihydro-5-phenyl-1H-1,	34112	004928-02-3	47
			2-(4-Cyanophenyl)-5-dimethylaminom	34091	000000-00-0	47
33	27.58	1.89	C:\DATABASE\NBS75K.L			
			No matches found			
34	27.72	0.11	C:\DATABASE\NBS75K.L			
			Pentane, 2-methoxy-	1778	006795-88-6	43
			2-Butanol, 3-methoxy-	1908	053778-72-6	43
			2-Butanol, 2,3-dimethyl-	1784	000594-60-5	38
35	27.89	1.12	C:\DATABASE\NBS75K.L			
			2-Propanol, 1-(2-methoxypropoxy)-	9233	013429-07-7	43
			Butanamide, 3-methyl-	1621	000541-46-8	43
			Propanoic acid, 2-hydroxy-2-methyl	3494	002110-78-3	43
36	27.98	0.42	C:\DATABASE\NBS75K.L			
			1-Methamphetamine	9504	000000-00-0	43
			2-Propanol, 1-(2-methoxypropoxy)-	9233	013429-07-7	38
			Butanamide, 3-methyl-	1621	000541-46-8	38
37	28.07	0.84	C:\DATABASE\NBS75K.L			
			Propane, 1-ethoxy-2-methyl-	1772	000627-02-1	43
			1-Methamphetamine	9504	000000-00-0	43
			2-Propanol, 1-(2-methoxypropoxy)-	9233	013429-07-7	43
38	28.18	0.04	C:\DATABASE\NBS75K.L			
			Oxirane, tetramethyl-	63415	005076-20-0	43
			2-Propanol, 1-[1-methyl-2-(2-prope	16196	055956-25-7	43
			2-Butanol, 2,3-dimethyl-	63571	000594-60-5	43
39	29.63	0.19	C:\DATABASE\NBS75K.L			
			4H-1-Benzopyran-2-carboxylic acid,	39265	005823-37-0	38
			4H-1-Benzopyran-2-carboxylic acid,	39264	030192-14-4	22
			[2,2'-Bifuran]-5,5'-dicarboxylic a	39095	005905-03-3	22
40	30.89	8.94	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	91
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	87
41	31.52	11.76	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	94
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	93
42	31.63	0.40	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	95
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	60
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	53
43	32.13	5.36	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	98
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	93
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	91

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
44	32.80	1.96	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	96
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	94
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	78
45	33.03	1.34	C:\DATABASE\NBS75K.L			
			2-Butanol, 2,3-dimethyl-	63571	000594-60-5	38
			2,3-Butanediol, 2,3-dimethyl-	3526	000076-09-5	38
			Propane, 2-ethoxy-2-methyl-	1790	000637-92-3	38
46	33.20	1.93	C:\DATABASE\NBS75K.L			
			1-Propanol, 2-(2-methoxy-1-methyle	9239	055956-21-3	47
			2,5,8,11-Tetraoxatetradecan-13-ol,	36541	020324-34-9	38
			2-Propanol, 1-[2-(2-methoxy-1-meth	24251	020324-33-8	38

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433G.D
Operator : Marti
Acquired : 21 Jul 95 10:33 am using AcqMethod EM31492
Sample Name: 0595-19g
Misc Info :
Vial Number: 1
CurrentMeth: C:\HPCHEM\1\METHODS\EM31492.M

Retention Time	Area	Area %	Ratio %
Total Ion Chromatogram			
1.412	289291132	8.123	23.719
1.574	90266994	2.534	7.401
1.775	28240087	0.793	2.315
1.943	31296645	0.879	2.566
2.463	32065752	0.900	2.629
2.582	77236751	2.169	6.333
2.919	20808246	0.584	1.706
3.037	10404209	0.292	0.853
4.503	47015719	1.320	3.855
4.636	19984039	0.561	1.638
6.531	33226179	0.933	2.724
8.042	9641013	0.271	0.790
8.343	8263667	0.232	0.678
8.552	13792629	0.387	1.131
8.718	67773402	1.903	5.557
9.402	13045277	0.366	1.070
10.492	4050088	0.114	0.332
11.491	5454062	0.153	0.447
12.098	6595809	0.185	0.541
12.992	5607355	0.157	0.460
17.173	9836995	0.276	0.807
17.748	13318293	0.374	1.092
17.946	4054915	0.114	0.332
19.507	13880677	0.390	1.138
19.842	13672646	0.384	1.121
20.477	38422771	1.079	3.150
20.738	6813956	0.191	0.559
21.804	-1275080	-0.036	-0.105
23.391	69117680	1.941	5.667
24.525	36938726	1.037	3.029
27.026	30610558	0.859	2.510
27.427	1219654760	34.245	100.000
27.572	67295052	1.889	5.518
27.721	3931155	0.110	0.322
27.889	39816162	1.118	3.265

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433G.D
Operator : Marti
Acquired : 21 Jul 95 10:33 am using AcqMethod EM31492
Sample Name: 0595-19g
Misc Info :
Vial Number: 1
CurrentMeth: C:\HPCHEM\1\METHODS\EM?1492.M

Retention Time	Area	Area %	Ratio %
27.981	15060633	0.423	1.235
28 3	29946541	0.841	2.455
0	1284411	0.036	0.105
.633	6731942	0.189	0.552
30.887	318399286	8.940	26.106
31.518	418690981	11.756	34.329
31.631	14209108	0.399	1.165
32.136	190811860	5.358	15.645
32.802	69937541	1.964	5.734
33.026	47571409	1.336	3.900
33.205	68775543	1.931	5.639

Ion 55.00 (54.70 to 55.70): EM31433G.D
0595-19g

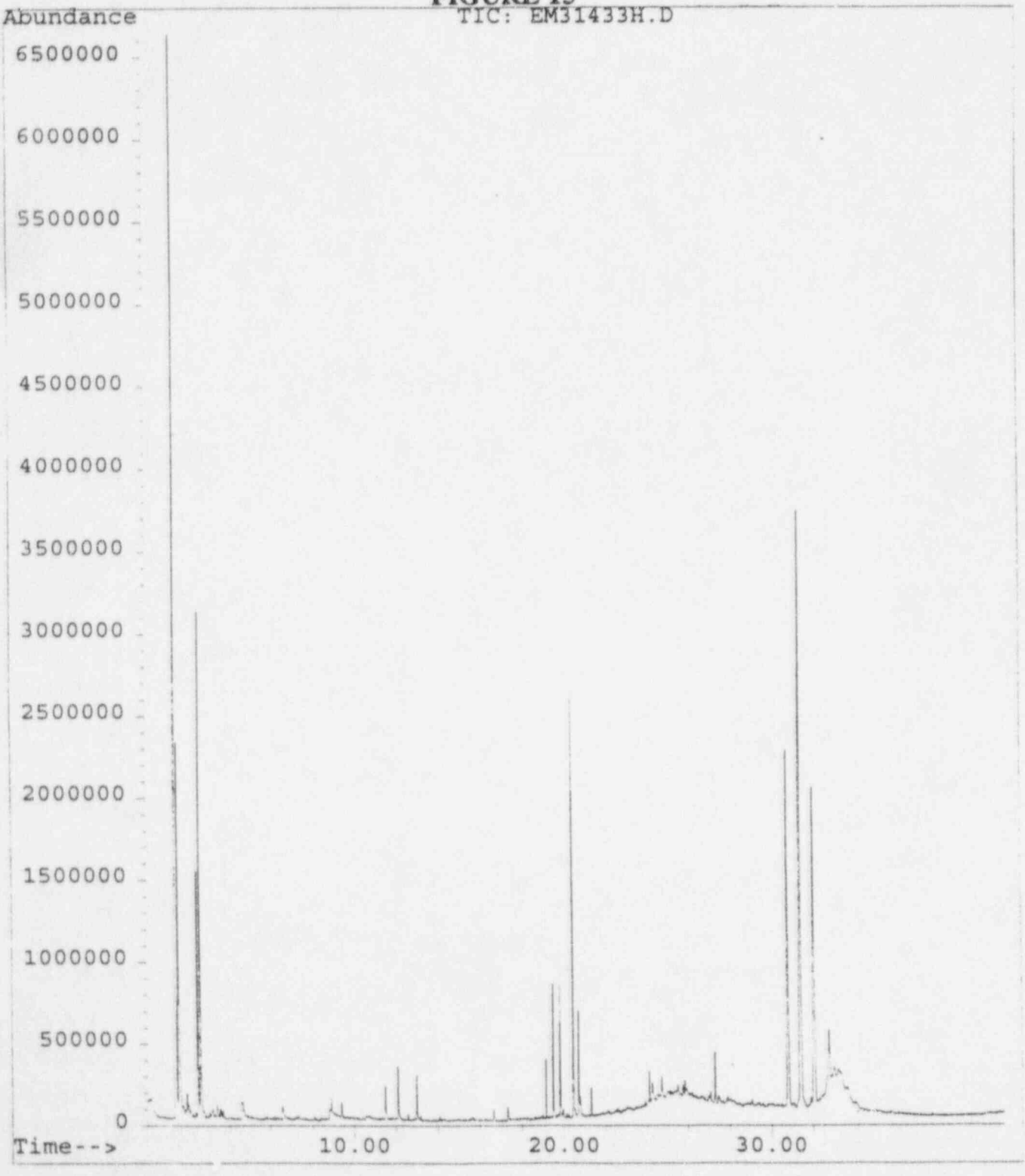
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.464	PV	0.040	15164672	2.416	2.553

Ion 69.00 (68.70 to 69.70): EM31433G.D
0595-19g

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.584	VB	0.042	12263629	2.532	2.861

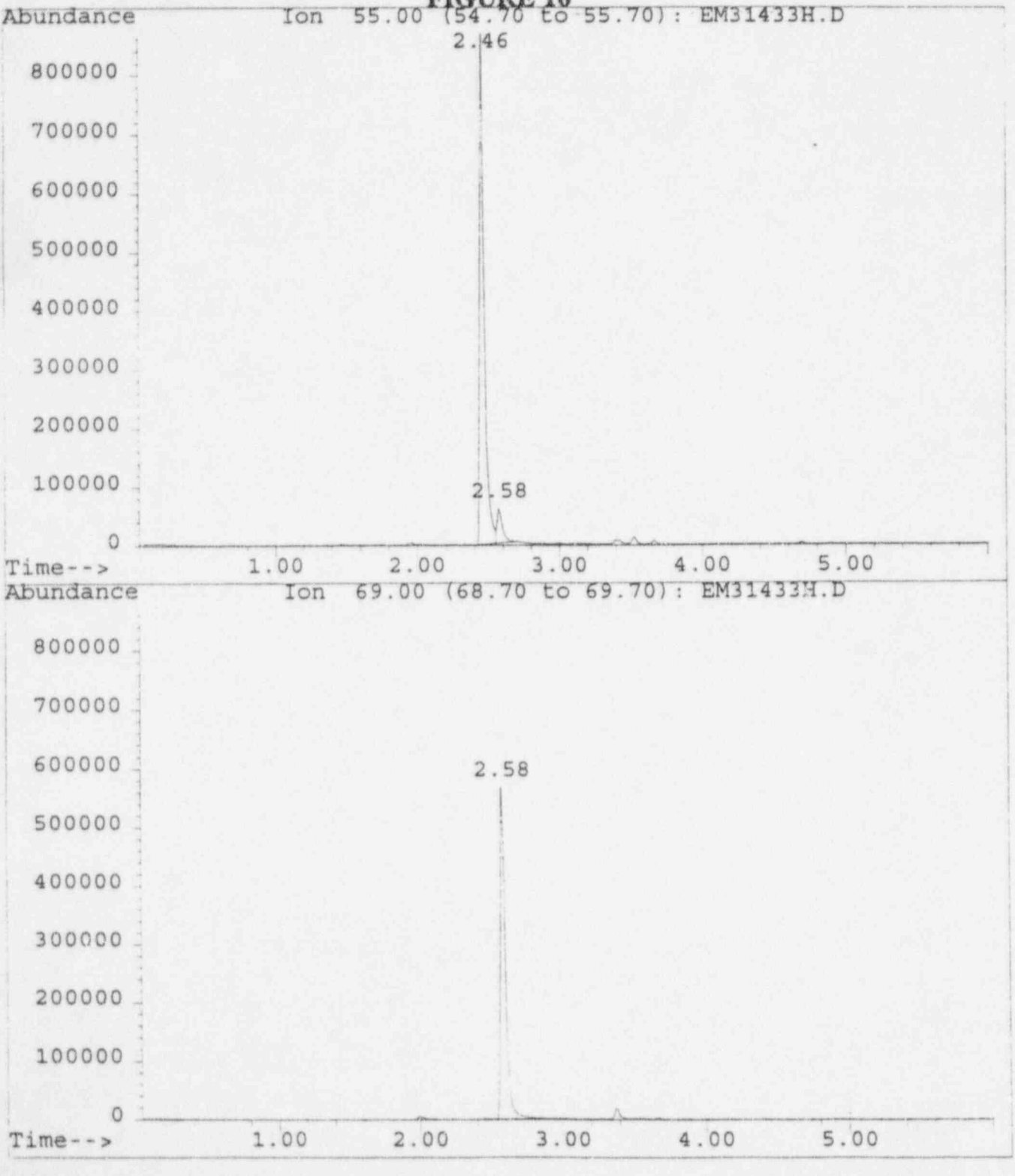
File : C:\HPCHEM\1\DATA\EM31433H.D
Operator : Marti
Acquired : 21 Jul 95 1:37 pm using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19h
Misc Info :
Vial Number: 1

FIGURE 15



File : C:\HPCHEM\1\DATA\EM31433H.D
Operator : Marti
Acquired : 21 Jul 95 1:37 pm using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19h
Misc Info :
Vial Number: 1

FIGURE 16



Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433H.D
Operator : Marti
Acquired : 21 Jul 95 1:37 pm using AcqMethod EM31492
Sample Name: 0595-19h
Misc Info :
Vial Number: 1

Search Libraries: C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Params: events.e

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	1.40	22.34	C:\DATABASE\NBS75K.L			
			No matches found			
2	1.55	7.93	C:\DATABASE\NBS75K.L			
			No matches found			
3	1.94	0.61	C:\DATABASE\NBS75K.L			
			Ethyl Acetate	817	000141-78-6	50
			Ethyl Acetate	62925	000141-78-6	45
			Ethyl Acetate	62924	000141-78-6	38
4	2.46	3.71	C:\DATABASE\NBS75K.L			
			2-Propenoic acid, ethyl ester	63318	000140-88-5	91
			2-Propenoic acid, ethyl ester	1461	000140-88-5	87
			2-Propenoic acid, ethyl ester	63319	000140-88-5	83
5	2.58	8.68	C:\DATABASE\NBS75K.L			
			2-Propenoic acid, 2-methyl-, methy	63330	000080-62-6	64
			2-Propenoic acid, 2-methyl-, methy	1484	000080-62-6	64
			2-Propenoic acid, 2-methyl-, methy	63329	000080-62-6	58
6	4.58	0.96	C:\DATABASE\NBS75K.L			
			Pyridine, 3-methyl-	981	000108-99-6	93
			Pyridine, 4-methyl-	980	000108-89-4	93
			Pyridine, 3-methyl-	63045	000108-99-6	91
7	11.49	0.57	C:\DATABASE\NBS75K.L			
			Hexanedioic acid, monoethyl ester	16125	000626-86-8	38
			Pentanedioic acid, 2-methyl-, mono	12301	072088-36-9	32
			Dimethyl ethylbutane-1,4-dioate	16107	000000-00-0	32
8	12.10	0.93	C:\DATABASE\NBS75K.L			
			Pentanedioic acid, diethyl ester	19778	000818-38-2	81
			Pentanedioic acid, diethyl ester	69156	000818-38-2	53
			Pentanedioic acid, diethyl ester	69155	000818-38-2	52
9	12.99	0.75	C:\DATABASE\NBS75K.L			
			2H-Quinolizin-3-ol, octahydro-, tr	11200	015769-36-5	38
			Vinyldichlorosilane	4361	000000-00-0	38
			Piperidine, 4-methyl-	63292	000626-58-4	35

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
10	19.15	0.32	C:\DATABASE\NBS75K.L			
			Cyclobutanol	263	002919-23-5	38
			Phenol, 4-(2-aminopropyl)-, (.+/-.	10013	001518-86-1	8
11	19.50	1.77	C:\DATABASE\NBS75K.L			
			3-Cyclobutene-1,2-dicarboxylic aci	29069	055673-94-4	11
			Thiazolo[4,5-f]quinoline, 7-methyl	22884	003119-54-8	10
			9H-Carbazole, 9-nitroso-	21843	002788-23-0	10
12	19.84	1.60	C:\DATABASE\NBS75K.L			
			Flavone	28172	000525-82-6	38
			Quinazoline, 4-phenyl-, 1-oxide	28137	004015-36-5	18
			3-Cyclobutene-1,2-dicarboxylic aci	29065	055673-92-2	15
13	20.47	5.20	C:\DATABASE\NBS75K.L			
			3-(3-Methoxyphenyl)propionic acid	24861	007116-39-4	38
			Pyridine, 2-ethyl-4,6-dimethyl-	6309	001124-35-2	18
			Benzenemethanamine, N-[[[4-hydroxy	34946	000000-00-0	11
14	20.73	0.99	C:\DATABASE\NBS75K.L			
			7H-Purin-6-amine, 7-methyl-	9421	000935-69-3	18
			4-Amino-2-methyl-5,6-trimethylenep	9460	076881-49-7	18
			Benzene, 1-isocyanato-2-methoxy-	9446	000700-87-8	14
15	21.34	0.45	C:\DATABASE\NBS75K.L			
			Butylated Hydroxytoluene	70550	000128-37-0	40
			4H-1-Benzopyran-4-one, 5,7-dihydro	36247	013475-09-7	38
			Butylated Hydroxytoluene	70556	000128-37-0	38
16	24.13	0.20	C:\DATABASE\NBS75K.L			
			1-Butanol, 4-ethoxy-	3538	000111-73-9	37
			3-Hexanol, 1,5-dimethoxy-2,4-dimet	20269	013897-22-8	35
			1-Propanol, 2-(2-methoxypropoxy)-	9232	013588-28-8	25
17	24.27	0.62	C:\DATABASE\NBS75K.L			
			Ethanol, 2-[2-[4-(1,1,3,3-tetramet	41793	002315-61-9	91
			2-Propanone, 1-(2,5-dimethoxy-4-me	28371	043021-99-4	38
			p-Toluidine, N,N-dimethyl-.alpha.-	70661	014629-54-0	23
18	24.74	0.31	C:\DATABASE\NBS75K.L			
			2-Methylphenanthro[3,4-D][1,3]oxaz	33707	098033-24-0	43
			1H-3-Benzazepine-2-carboxylic acid	33671	017639-49-5	43
			1,2-Dihydro-3-methyl-3H-naphth[1,2	33718	098033-22-8	43
19	27.33	0.89	C:\DATABASE\NBS75K.L			
			7-Amino-2,3-dihydro-5-phenyl-1H-1,	34112	004928-02-3	53
			Octicizer	50542	001241-94-7	50
			2-(4-Cyanophenyl)-5-dimethylaminom	34091	000000-00-0	50
20	30.82	9.21	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	91
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	87

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
21	31.44	18.39	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	95
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	93
22	32.07	9.62	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	96
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	91
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	90
23	32.76	2.81	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	95
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	83
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	60
24	32.98	0.83	C:\DATABASE\NBS75K.L			
			Butanamide, 3-methyl-	1621	000541-46-8	43
			Propane, 2-methoxy-	332	000598-53-8	43
			2-Hexanol, 2-methyl-	64354	000625-23-0	43
25	33.17	0.32	C:\DATABASE\NBS75K.L			
			Hydrazine, 1-butyl-1-methyl-	1755	020240-62-4	43
			Butanamide, 3-methyl-	1621	000541-46-8	43
			2-Pentanol, 2,3-dimethyl-	3357	004911-70-0	43

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433H.D
Operator : Marti
Acquired : 21 Jul 95 1:37 pm using AcqMethod EM31492
Sample Name: 0595-19h
Misc Info :
Vial Number: 1
CurrentMeth: C:\HPCHEM\1\METHODS\EM31492.M

Retention Time	Area	Area %	Ratio %
Total Ion Chromatogram			
1.405	197613699	22.345	100.000
1.542	70121487	7.929	35.484
1.944	5393747	0.610	2.729
2.460	32778728	3.706	16.587
2.579	76773229	8.681	38.850
4.578	8528096	0.964	4.316
11.491	5059474	0.572	2.560
12.097	8213896	0.929	4.157
12.991	6634078	0.750	3.357
19.151	2837174	0.321	1.436
19.504	15674952	1.772	7.932
19.840	14146190	1.600	7.159
20.475	45977308	5.199	23.266
20.737	8719303	0.986	4.412
21.339	3949036	0.447	1.998
24.134	1803210	0.204	0.912
24.275	5439616	0.615	2.753
24.735	2711508	0.307	1.372
27.326	7881627	0.891	3.988
30.824	81490284	9.214	41.237
31.443	162604146	18.386	82.284
32.075	85109813	9.624	43.069
32.759	24844126	2.809	12.572
32.981	7296761	0.825	3.692
33.169	2790731	0.316	1.412

Ion 55.00 (54.70 to 55.70): EM31433H.D
0595-19h

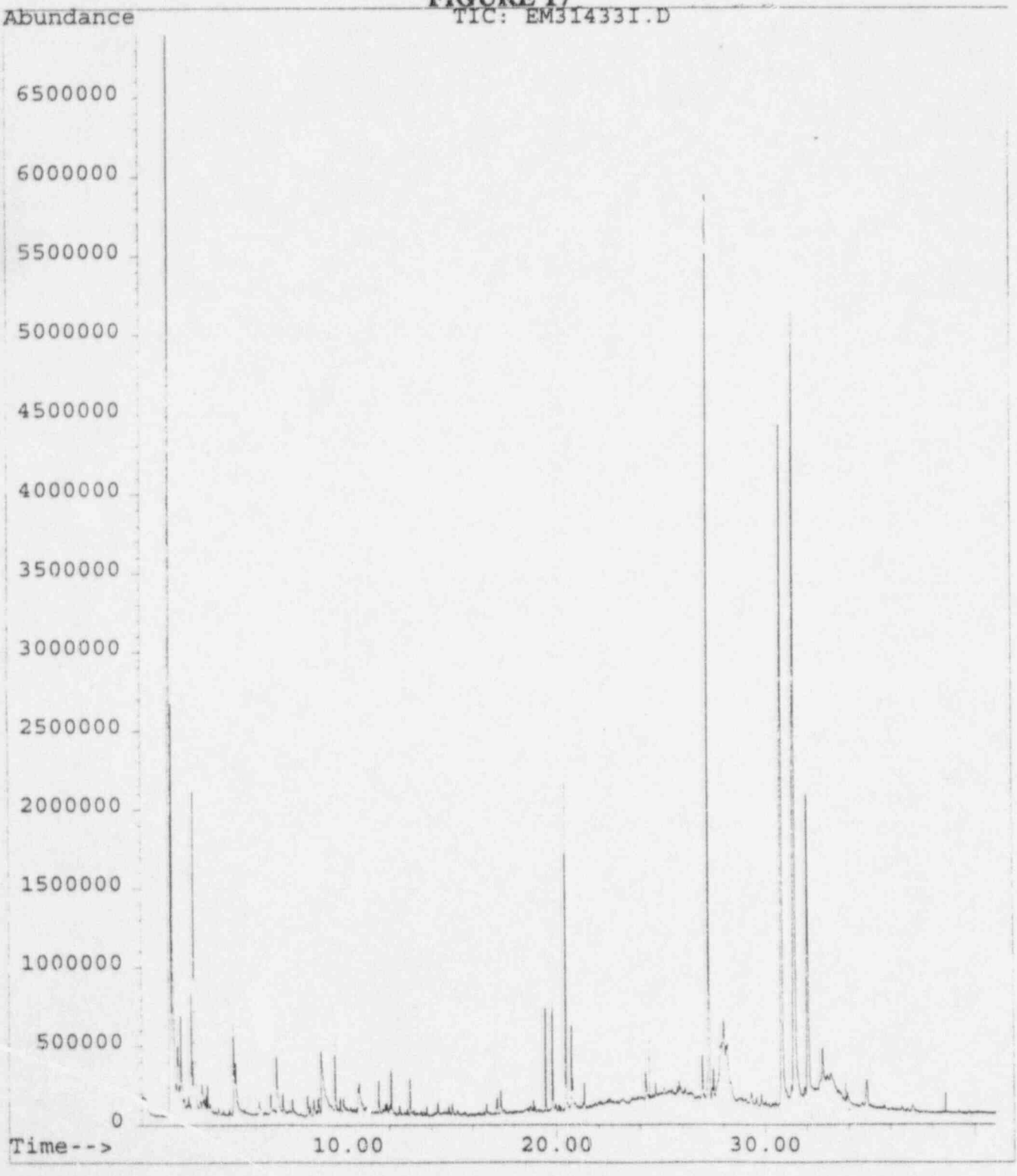
Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.461	BV	0.036	18006399	2.414	2.550

Ion 69.00 (68.70 to 69.70): EM31433H.D
0595-19h

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.581	BB	0.039	13331174	2.533	2.761

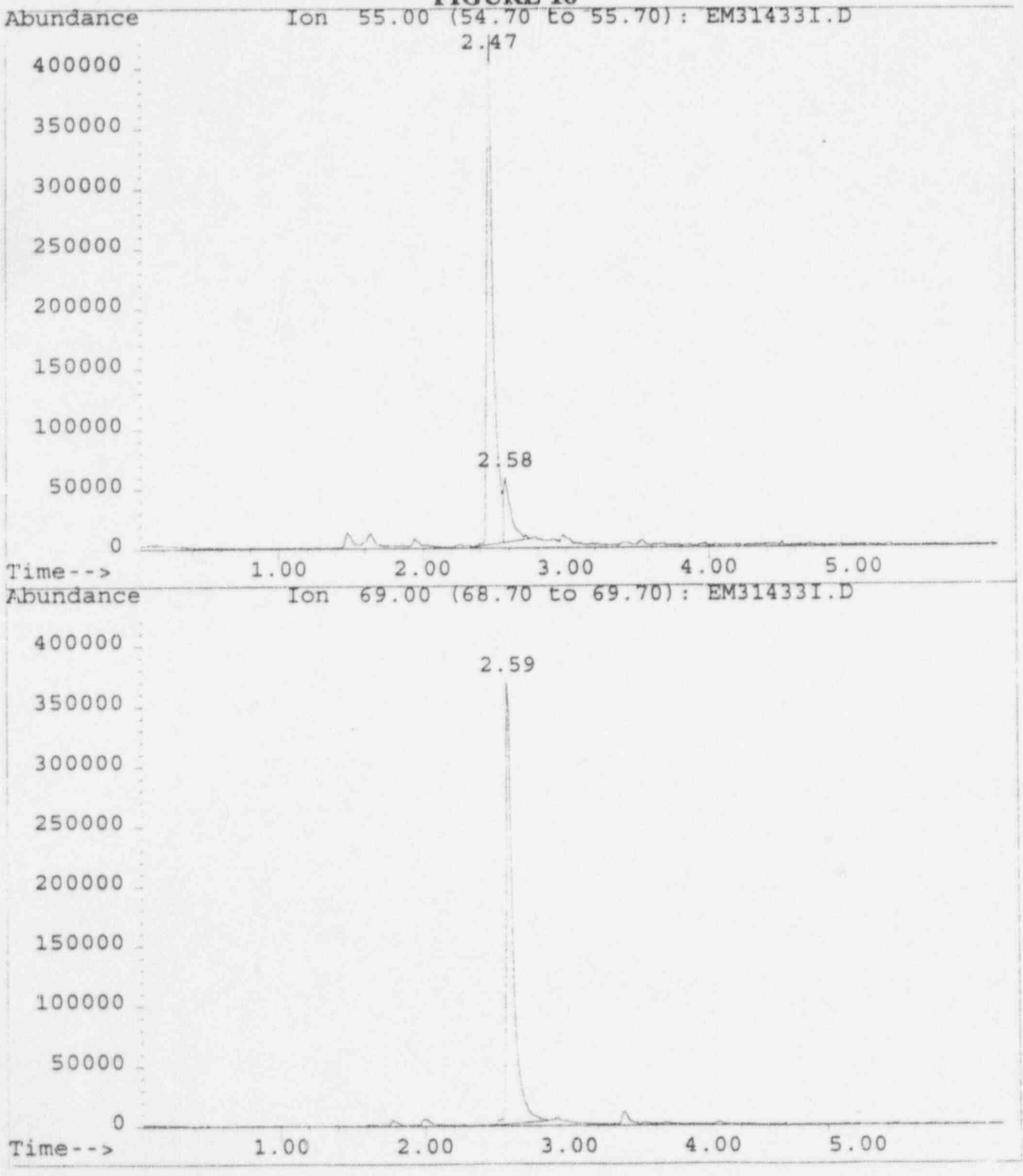
File : C:\HPCHEM\1\DATA\EM31433I.D
Operator : Marti
Acquired : 21 Jul 95 3:41 pm using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19i
Misc Info :
Vial Number: 1

FIGURE 17



File : C:\HPCHEM\1\DATA\EM31433I.D
Operator : Marti
Acquired : 21 Jul 95 3:41 pm using AcqMethod EM31492
Instrument : 5972 - 33
Sample Name: 0595-19i
Misc Info :
Vial Number: 1

FIGURE 18



Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433I.D
Operator : Marti
Acquired : 21 Jul 95 3:41 pm using AcqMethod EM31492
Sample Name: 0595-19i
Misc Info :
Vial Number: 1

Search Libraries: C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Params: AutoIntegrate

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	1.42	19.28	C:\DATABASE\NBS75K.L			
			No matches found			
2	1.54	6.19	C:\DATABASE\NBS75K.L			
			No matches found			
3	1.79	1.44	C:\DATABASE\NBS75K.L			
			No matches found			
4	1.94	1.67	C:\DATABASE\NBS75K.L			
			Furan, 2-methyl-	463	000534-22-5	91
			Furan, 2-methyl-	62666	000534-22-5	64
			Furan, 2-methyl-	62665	000534-22-5	59
5	2.47	1.42	C:\DATABASE\NBS75K.L			
			2-Propenoic acid, ethyl ester	63318	000140-88-5	91
			2-Propenoic acid, ethyl ester	63319	000140-88-5	83
			2-Propenoic acid, ethyl ester	63317	000140-88-5	83
6	2.59	4.32	C:\DATABASE\NBS75K.L			
			2-Propenoic acid, 2-methyl-, methy	63329	000080-62-6	53
			2-Propenoic acid, 2-methyl-, methy	1484	000080-62-6	52
			2-Propenoic acid, 2-methyl-, methy	63330	000080-62-6	49
7	2.98	0.41	C:\DATABASE\NBS75K.L			
			Pyridine	62633	000110-86-1	64
			Pyridine	62632	000110-86-1	64
			Pyridine	62631	000110-86-1	53
8	3.27	0.23	C:\DATABASE\NBS75K.L			
			n-Hexylmethylamine	3165	035161-70-7	38
9	4.53	1.16	C:\DATABASE\NBS75K.L			
			Pyridine, 3-methyl-	981	000108-99-6	96
			Pyridine, 3-methyl-	63045	000108-99-6	95
			Pyridine, 3-methyl-	63044	000108-99-6	94
10	4.64	0.78	C:\DATABASE\NBS75K.L			
			Pyridine, 3-methyl-	63045	000108-99-6	55
			Pyridine, 4-methyl-	980	000108-89-4	49
			Pyridine, 2-methyl-	977	000109-06-8	46

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
11	6.56	0.97	C:\DATABASE\NBS75K.L			
			Pyridine, 3,5-dimethyl-	2047	000591-22-0	95
			Pyridine, 3,5-dimethyl-	63720	000591-22-0	94
			Pyridine, 3,4-dimethyl-	2050	000583-58-4	94
12	8.74	2.09	C:\DATABASE\NBS75K.L			
			2,3-Pyridinediamine	2194	000452-58-4	52
			Phenol, 4-amino-	63816	000123-30-8	50
			Nerinine	48936	000481-44-7	43
13	9.40	0.65	C:\DATABASE\NBS75K.L			
			1H-Pyrrole, 2,3,4,5-tetramethyl-	4056	001003-90-3	91
			Benzene, 1-methoxy-4-methyl-	64712	000104-93-8	35
			Pyrazine, 5-butyl-2,3-dimethyl-	67853	015834-78-3	32
14	10.52	0.21	C:\DATABASE\NBS75K.L			
			Ethanone, 1-(1-methyl-1H-pyrrol-2-	64728	000932-16-1	80
			1,4-Benzenediamine	63757	000106-50-3	64
			3-Acetyl-1-methylpyrrole	4027	000932-62-7	64
15	10.56	0.48	C:\DATABASE\NBS75K.L			
			1H-Pyrrole, 2,3,4,5-tetramethyl-	4056	001003-90-3	55
			1H-Pyrrole, 3-ethyl-2,4-dimethyl-	4055	000517-22-6	50
			1H-Pyrrole, 3-ethyl-2,4,5-trimethy	65853	000520-69-4	50
16	11.49	0.30	C:\DATABASE\NBS75K.L			
			Pentanedioic acid, 2-methyl-, mono	12301	072088-36-9	32
			Dimethyl ethylbutane-1,4-dioate	16107	000000-00-0	16
			6-Heptenoic acid, 3-oxo-, methyl e	11390	030414-57-4	15
17	12.10	0.43	C:\DATABASE\NBS75K.L			
			Pentanedioic acid, diethyl ester	19778	000818-38-2	87
			Pentanedioic acid, diethyl ester	69155	000818-38-2	62
			1-Naphthalenamine	66260	000134-32-7	38
18	13.00	0.33	C:\DATABASE\NBS75K.L			
			Piperidine, 4-methyl-	63292	000626-58-4	27
			Piperidine, 4-methyl-	1421	000626-58-4	27
			Phosphoric acid, diethyl pentyl es	28532	020195-08-8	27
19	17.35	0.25	C:\DATABASE\NBS75K.L			
			Phenol, 4-(1,1,3,3-tetramethylbuty	24424	000140-66-9	83
			Phenol, 4-(2,2,3,3-tetramethylbuty	24409	054932-78-4	72
			Phenol, 4-(1,1,3,3-tetramethylbuty	70047	000140-66-9	72
20	19.51	0.88	C:\DATABASE\NBS75K.L			
			Benzo[b]thiophene, 2-(butylthio)-	28074	054965-46-7	25
			Flavone	28172	000525-82-6	15
			Thiazolo[4,5-f]quinoline, 7-methyl	22884	003119-54-8	11
21	19.84	0.84	C:\DATABASE\NBS75K.L			
			7,8-Dihydro-2-methyl(6H)pyrazolo[3	27965	000000-00-0	27
			3-Cyclobutene-1,2-dicarboxylic aci	34695	055673-96-6	25
			Benzo[b]thiophene, 3-(butylthio)-	28072	054965-44-5	22

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
22	20.47	2.35	C:\DATABASE\NBS75K.L			
			3-(3-Methoxyphenyl)propionic acid	24861	007116-39-4	38
			Pyridine, 2-ethyl-4,6-dimethyl-	6309	001124-35-2	14
			Pyridine, 2,6-diethyl-	6323	000935-28-4	14
23	20.74	0.62	C:\DATABASE\NBS75K.L			
			1H-Purin-6-amine, N-methyl-	66644	000443-72-1	18
			Benzaldehyde, 4-(dimethylamino)-	66650	000100-10-7	18
			4-Pyridinecarboxaldehyde, 3-hydrox	14236	000066-72-8	14
24	20.80	0.30	C:\DATABASE\NBS75K.L			
			Ethanol, 2-[4-(1,1-dimethylethyl)p	21346	000713-46-2	47
			4,2-Cresotic acid, 6-methoxy-, bim	59820	019314-74-0	43
			p-tert-Amyl phenoxy ethanol	24939	006382-07-6	42
25	21.34	0.22	C:\DATABASE\NBS75K.L			
			Butylated Hydroxytoluene	70550	000128-37-0	47
			Butylated Hydroxytoluene	27705	000128-37-0	47
			7-Phenylisoquinoline	24118	070125-65-4	47
26	24.28	0.41	C:\DATABASE\NBS75K.L			
			Ethanol, 2-[2-[4-(1,1,3,3-tetramet	41793	002315-61-9	92
			1-Aminoanthraquinone-2-carboxaldeh	34107	006363-87-7	35
			Benzenamine, N,N-dimethyl-4-(2-phe	28442	000838-95-9	30
27	24.43	0.17	C:\DATABASE\NBS75K.L			
			3-(2-Hydroxy-6-methylphenyl)-2-met	36963	000000-00-0	53
			2-(4-Cyanophenyl)-5-dimethylaminom	34091	000000-00-0	45
			7-Amino-2,3-dihydro-5-phenyl-1H-1,	34112	004928-02-3	45
28	27.02	0.46	C:\DATABASE\NBS75K.L			
			Phosphoric acid, triphenyl ester	73338	000115-86-6	99
			Phosphoric acid, triphenyl ester	73337	000115-86-6	68
			Phosphoric acid, triphenyl ester	46311	000115-86-6	64
29	27.34	8.93	C:\DATABASE\NBS75K.L			
			Octicizer	50542	001241-94-7	78
			7-Amino-2,3-dihydro-5-phenyl-1H-1,	34112	004928-02-3	53
			2-(4-Cyanophenyl)-5-dimethylaminom	34091	000000-00-0	42
30	27.56	0.36	C:\DATABASE\NBS75K.L			
			2H-1-Benzopyran-2-one, 7-amino-4-m	16440	026093-31-2	50
			Benzene, 1,4-bis(1,1-dimethylethyl	20394	001012-72-2	30
			Benzene, 1,4-bis(1,1-dimethylethyl	69257	001012-72-2	12
31	27.91	1.99	C:\DATABASE\NBS75K.L			
			2-Butanol, 3-methoxy-	1908	053778-72-6	43
			2-Propanol, 1-[2-(2-methoxy-1-meth	24251	020324-33-8	40
			2-Butanol, 2,3-dimethyl-	63571	000594-60-5	38
32	28.04	2.75	C:\DATABASE\NBS75K.L			
			Propane, 1-ethoxy-2-methyl-	1772	000627-02-1	46
			Butane, 2-methoxy-3-methyl-	1791	062016-49-3	43
			2-Butanol, 2,3-dimethyl-	63571	000594-60-5	43

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
33	28.22	2.45	C:\DATABASE\NBS75K.L			
			2-Propanol, 1-[2-(2-methoxy-1-meth	24251	020324-33-8	40
			2-Butanol, 2,3-dimethyl-	63571	000594-60-5	38
			Butanamide, 3-methyl-	1621	000541-46-8	38
34	30.86	11.83	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	91
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	90
35	31.47	15.82	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	99
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	94
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	91
36	32.09	5.64	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	98
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	93
			Phosphoric acid, tris(methylphenyl	73955	001330-78-5	91
37	32.77	0.81	C:\DATABASE\NBS75K.L			
			Phosphoric acid, tris(4-methylphen	51126	000078-32-0	97
			Phosphoric acid, tris(3-methylphen	51124	000563-04-2	87
			Phosphoric acid, tris(methylphenyl	51123	001330-78-5	87
38	34.87	0.58	C:\DATABASE\NBS75K.L			
			2,6,10-Dodecatrien-1-ol, 3,7,11-tr	28198	000106-28-5	59
			2,6,10-Dodecatrien-1-ol, 3,7,11-tr	70627	004602-84-0	42
			2,6,10-Dodecatrien-1-ol, 3,7,11-tr	28243	004602-84-0	42

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433I.D
Operator : Marti
Acquired : 21 Jul 95 3:41 pm using AcqMethod EM31492
Sample Name: 0595-19i
Misc Info :
Vial Number: 1
CurrentMeth: C:\HPCHEM\1\METHODS\EM31492.M

Retention Time	Area	Area %	Ratio %
Total Ion Chromatogram			
1.417	316022787	19.275	100.000
1.542	101480601	6.190	32.112
1.791	23639129	1.442	7.480
1.947	27396601	1.671	8.669
2.468	23209640	1.416	7.344
2.585	70761564	4.316	22.391
2.983	6770464	0.413	2.142
3.264	3694934	0.225	1.169
4.530	18951983	1.156	5.997
4.637	12857766	0.784	4.069
6.559	15983006	0.975	5.058
8.740	34345227	2.095	10.868
9.401	10586125	0.646	3.350
10.512	3475355	0.212	1.100
10.564	7859755	0.479	2.487
11.493	4931502	0.301	1.560
12.100	6972944	0.425	2.206
12.995	5409658	0.330	1.712
17.344	4127628	0.252	1.306
19.506	14357585	0.876	4.543
19.842	13708254	0.836	4.338
20.475	38609439	2.355	12.217
20.738	10130589	0.618	3.206
20.790	4867498	0.297	1.540
21.339	3605383	0.220	1.141
24.274	6753718	0.412	2.137
24.436	2836842	0.173	0.898
27.017	7486962	0.457	2.369
27.343	146352838	8.926	46.311
27.553	5902943	0.360	1.868
27.917	32645861	1.991	10.330
28.049	45095359	2.750	14.270
28.218	40134246	2.448	12.700
30.853	193904336	11.827	61.358
31.468	259370009	15.820	82.073

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\EM31433I.D
Operator : Marti
Acquired : 21 Jul 95 3:41 pm using AcqMethod EM31492
Sample Name: 0595-19i
Misc Info :
Vial Number: 1
CurrentMeth: C:\HPCHEM\1\METHODS\EM31492.M

Retention Time	Area	Area %	Ratio %
32.084	92548576	5.645	29.285
32.769	13269062	0.809	4.199
34.871	9479381	0.578	3.000

Ion 55.00 (54.70 to 55.70): EM31433I.D
0595-19i

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.470	BV	0.047	13198805	2.368	2.560
2	2.579	VV	0.067	2055551	2.560	2.759

Ion 69.00 (68.70 to 69.70): EM31433I.D
0595-19i

Peak#	Ret Time	Type	Width	Area	Start Time	End Time
1	2.587	PV	0.047	11678897	2.432	2.864