User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/03/2002 Time: 11:49:36

Sample: AE06340
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/3/02 11:48 Ended: 5/3/02 11:48 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Sur: 2,4,6-TBP	TARGET	46.72		10.0

Comments for Sample AE06340 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-03-2002 Time: 11:49:29

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. This sample was extracted and analyzed twice.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050102\6340.D Vial: 16
Acq On : 1 May 2002 9:55 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 02 10:38:55 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 10:37:30 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

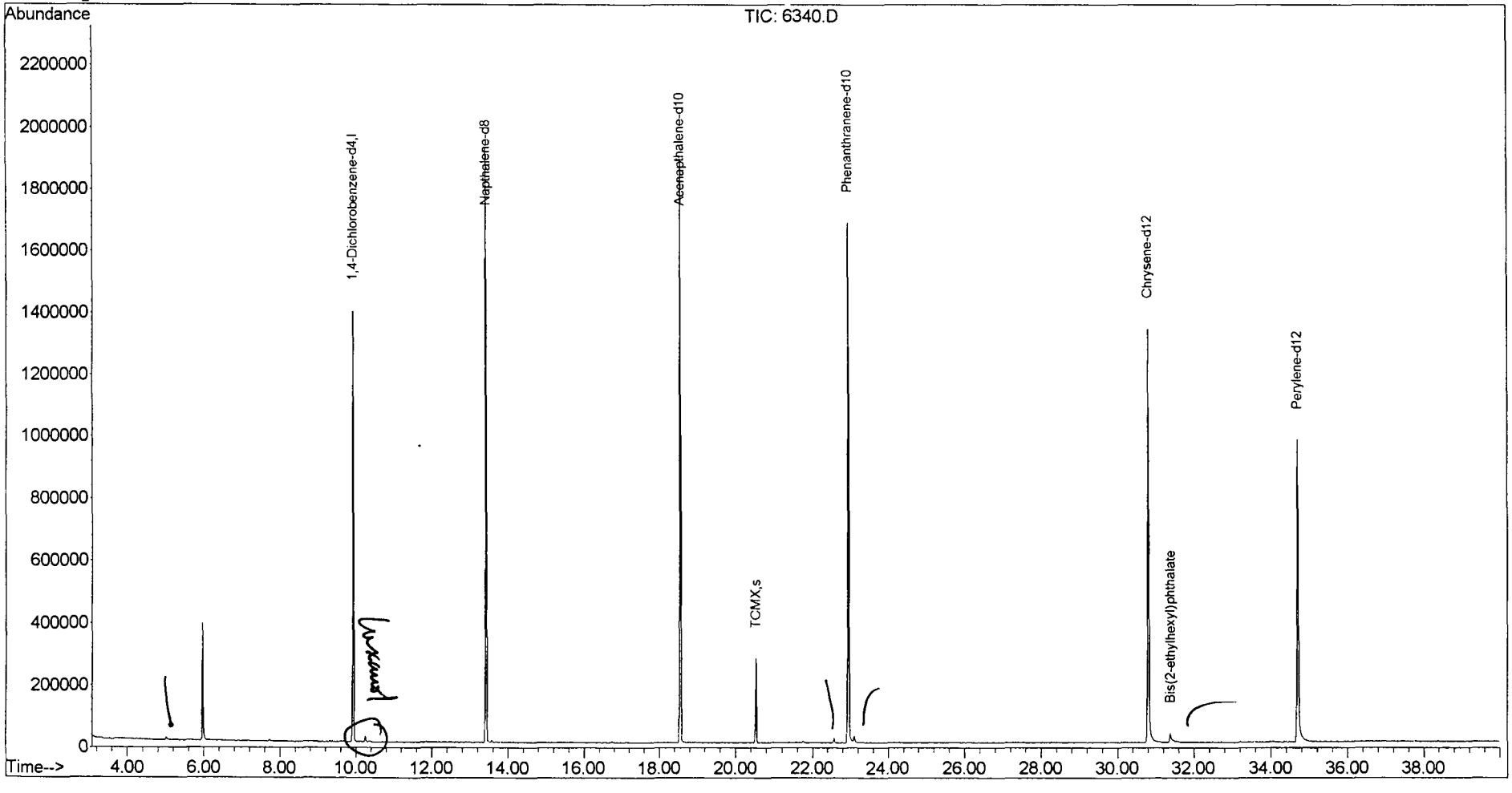
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	4205171	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	16733727	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	9062944	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	13126242	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	10035471	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	6827484	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	207	516212	7.22	ug/L	0.00
Spiked Amount 10.000			Recovery = 72.20%			
Target Compounds						Qvalue
41) Bis(2-ethylhexyl)phthalate	31.39	149	175369	0.71	ug/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050102\6340.D Vial: 16
Acq On : 1 May 2002 9:55 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 2 10:38 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 02 12:13:40 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\050102\6340.D
Acq On : 1 May 2002 9:55 pm
Sample : re-ext 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 16
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan

Signal : TIC

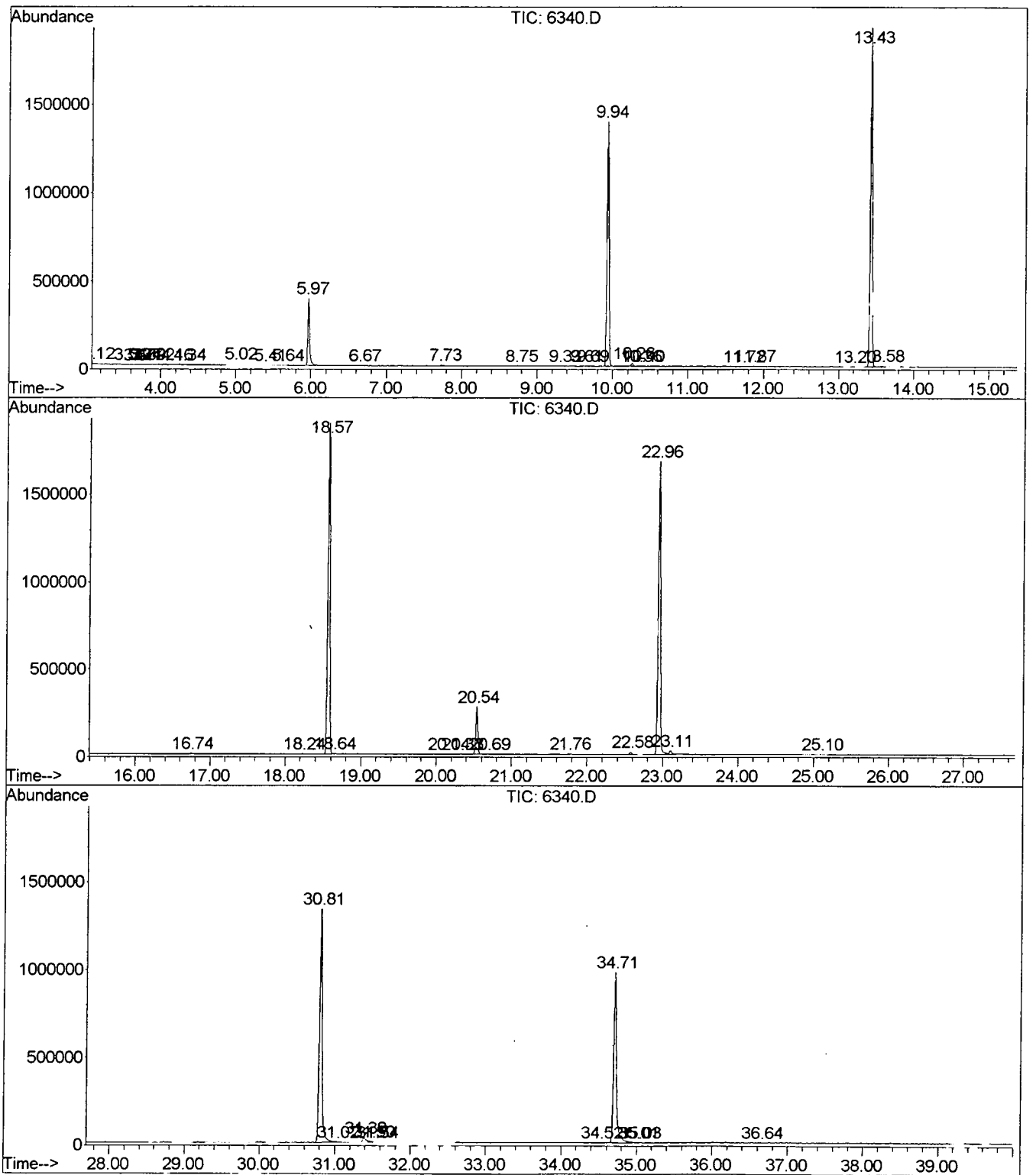
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.126	3	8	28	BV 5	3497	77559	0.21%	0.038%
2	3.538	75	78	82	PV 5	1902	22591	0.06%	0.011%
3	3.667	96	100	102	PV 3	1826	18305	0.05%	0.009%
4	3.743	102	113	115	VV 6	3597	130580	0.35%	0.064%
5	3.767	115	117	119	VV 2	2990	37878	0.10%	0.018%
6	3.802	119	123	135	VV 5	3128	134454	0.36%	0.065%
7	3.920	140	143	145	VV 3	3065	46273	0.12%	0.023%
8	4.166	180	185	191	VV 9	2033	44526	0.12%	0.022%
9	4.337	212	214	220	VB 4	1869	24278	0.07%	0.012%
10	5.018	324	330	343	PV 3	8346	211336	0.57%	0.103%
11	5.412	392	397	416	PV 6	1892	64093	0.17%	0.031%
12	5.647	434	437	438	VV 2	1999	14562	0.04%	0.007%
13	5.970	482	492	516	PV	372120	6450631	17.29%	3.141%
14	6.663	606	610	612	PV 3	1083	13249	0.04%	0.006%
15	7.733	779	792	801	PV 2	4999	103661	0.28%	0.050%
16	8.749	957	965	974	BV 4	1840	34131	0.09%	0.017%
17	9.325	1057	1063	1065	VV 3	1997	33590	0.09%	0.016%
18	9.607	1107	1111	1113	VV 4	1867	29230	0.08%	0.014%
19	9.689	1119	1125	1127	VV 4	2884	53949	0.14%	0.026%
20	9.936	1154	1167	1180	PV	1361751	25486550	68.30%	12.410%
21	10.259	1217	1222	1235	VV 2	17363	331109	0.89%	0.161%
22	10.365	1235	1240	1242	VV 2	1844	27635	0.07%	0.013%
23	10.394	1242	1245	1250	VV 5	2126	34795	0.09%	0.017%
24	11.722	1467	1471	1473	PV	1690	16377	0.04%	0.008%
25	11.869	1487	1496	1502	VV 6	3132	68729	0.18%	0.033%
26	13.197	1717	1722	1729	VV 3	2048	39812	0.11%	0.019%
27	13.432	1751	1762	1783	PV	1886967	34174157	91.59%	16.640%
28	13.579	1783	1787	1793	VV 2	5749	102144	0.27%	0.050%
29	16.746	2321	2326	2331	VV 2	3072	57784	0.15%	0.028%
30	18.238	2573	2580	2584	PV 2	2317	37277	0.10%	0.018%
31	18.573	2623	2637	2647	PV	1874875	37313050	100.00%	18.169%
32	18.638	2647	2648	2653	VV 3	1628	16157	0.04%	0.008%
33	20.142	2900	2904	2912	VV 2	2100	46247	0.12%	0.023%
34	20.330	2931	2936	2941	VV 3	2204	47051	0.13%	0.023%
35	20.542	2963	2972	2980	VV	266547	4821498	12.92%	2.348%
36	20.688	2994	2997	3004	VV 2	2558	43519	0.12%	0.021%
37	21.758	3172	3179	3184	PV 3	4813	92330	0.25%	0.045%

38	22.580	3312	3319	3326	VV	3	14571	278527	0.75%	0.136%
39	22.956	3369	3383	3403	PV	2	1683579	36264977	97.19%	17.659%
40	23.109	3403	3409	3421	VV	3	20530	586244	1.57%	0.285%
41	25.101	3742	3748	3754	VV	3	1949	41242	0.11%	0.020%
42	30.812	4708	4720	4754	PV	2	1337857	31300068	83.89%	15.241%
43	31.018	4754	4755	4771	VV	4	2886	84581	0.23%	0.041%
44	31.388	4811	4818	4835	VV	2	26083	929654	2.49%	0.453%
45	31.500	4835	4837	4843	VV	3	4437	88658	0.24%	0.043%
46	31.547	4843	4845	4853	VV	3	2975	66737	0.18%	0.032%
47	34.525	5350	5352	5358	PV		1849	22664	0.06%	0.011%
48	34.708	5370	5383	5433	VV	2	959565	25292194	67.78%	12.316%
49	35.007	5433	5434	5436	VV		3398	33521	0.09%	0.016%
50	35.031	5436	5438	5439	VV	2	2856	29681	0.08%	0.014%
51	36.641	5704	5712	5720	PV	3	1376	48084	0.13%	0.023%

Sum of corrected areas: 205367931

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050102\6340.D
Operator : Mclean
Acquired : 1 May 2002 9:55 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: re-ext 4/29
Misc Info :
Vial Number: 16
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6340.D
Acq On : 1 May 2002 9:55 pm
Sample : re-ext 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 16
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

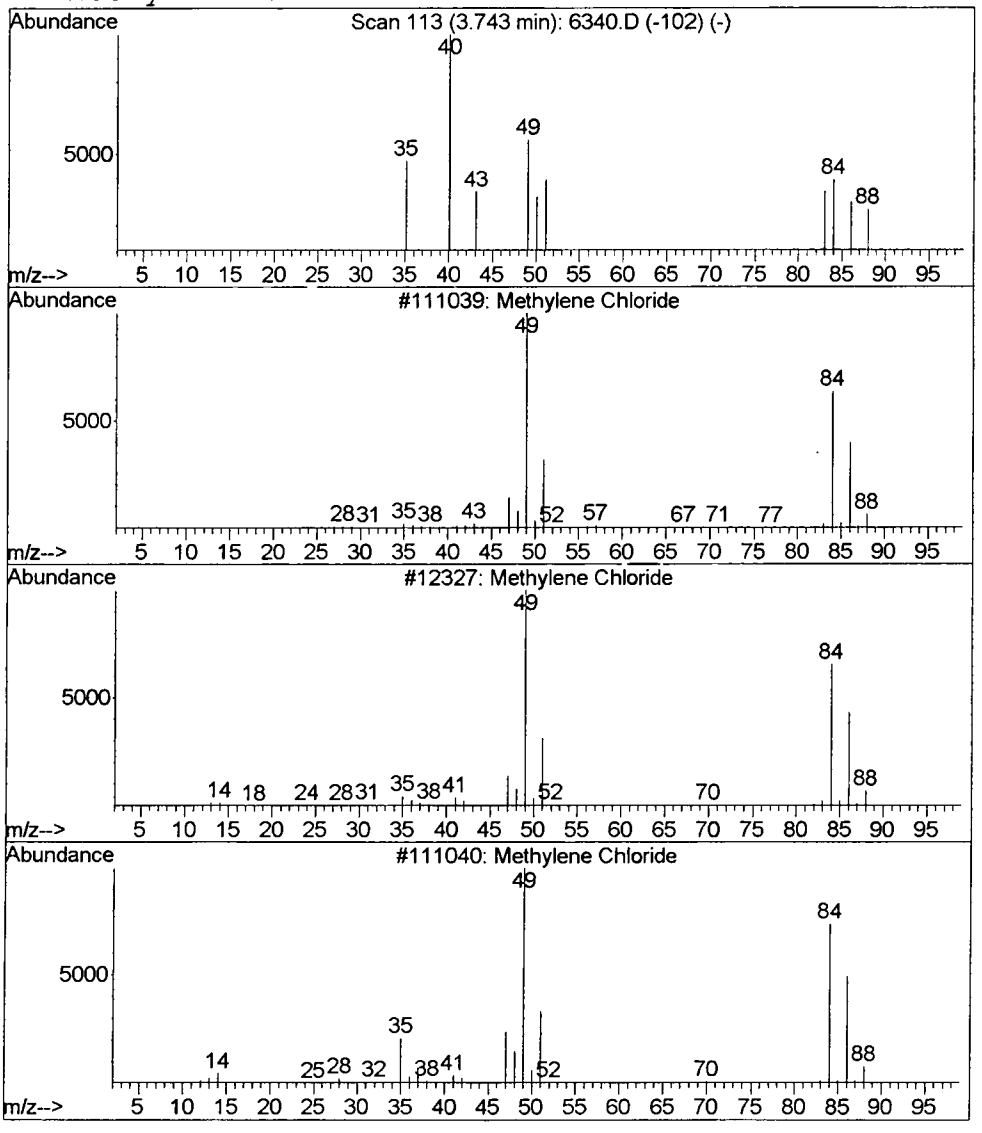
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

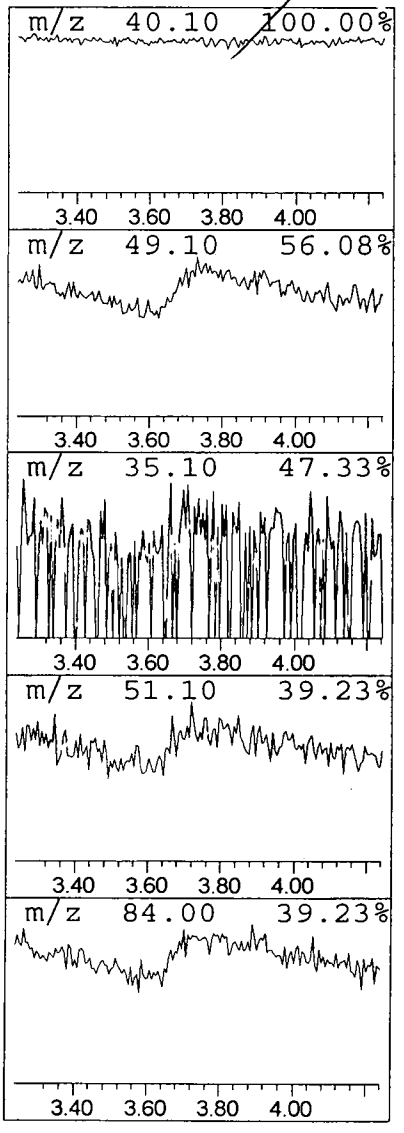
****

Peak Number 1 Methylene Chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	0.20 ug/L	130580	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	43
2	Methylene Chloride	84	CH2Cl2	000075-09-2	43
3	Methylene Chloride	84	CH2Cl2	000075-09-2	43
4	Methylene Chloride	84	CH2Cl2	000075-09-2	32





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6340.D Vial: 16
Acq On : 1 May 2002 9:55 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

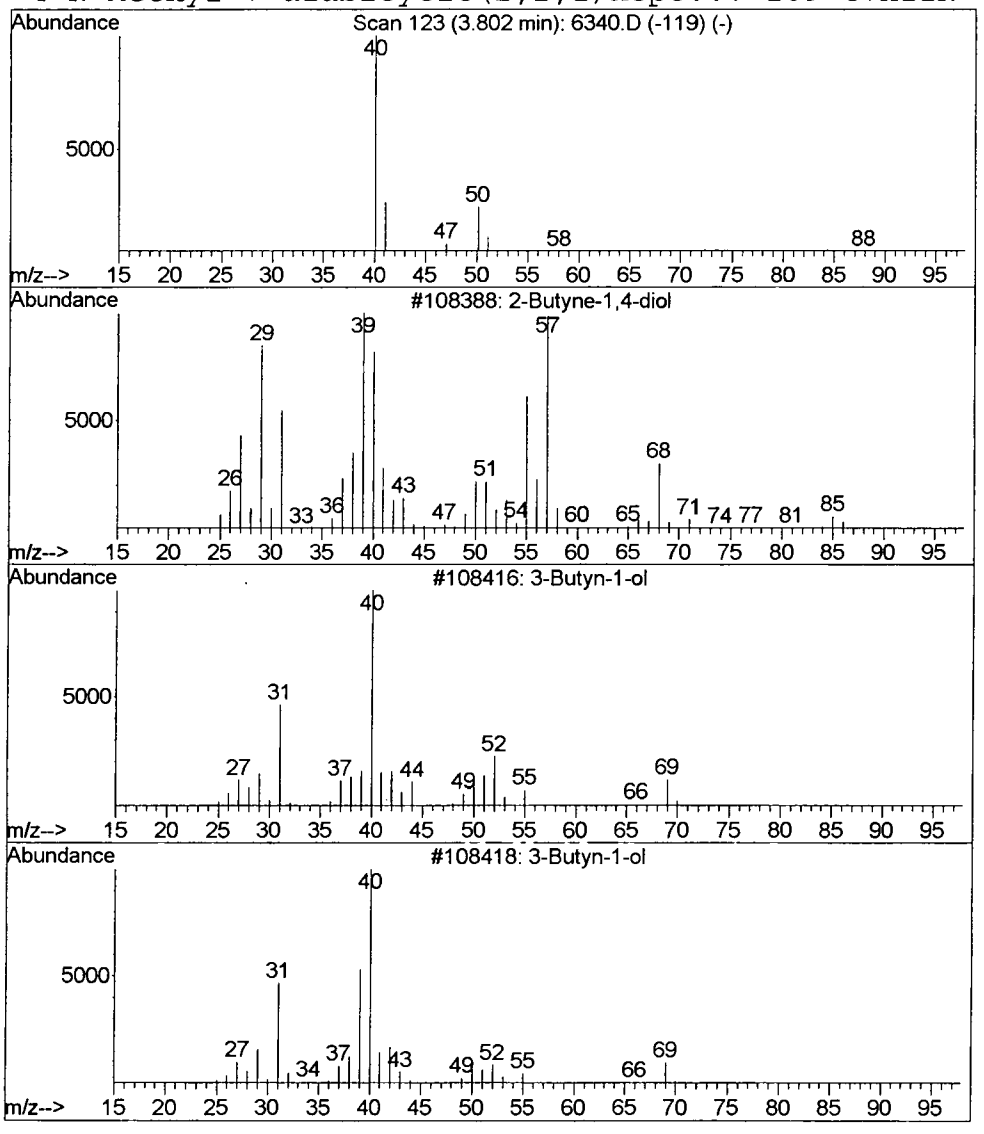
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

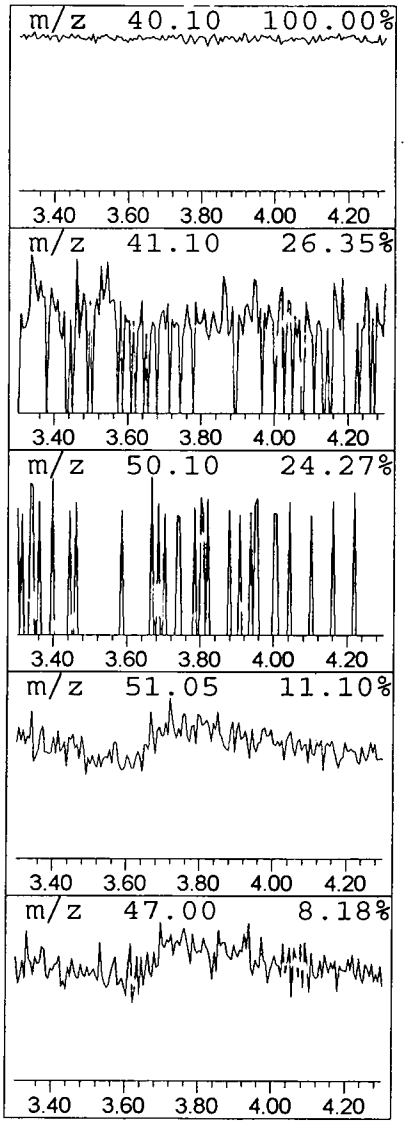
****

Peak Number 2 2-Butyne-1,4-diol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	0.21 ug/L	134454	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyne-1,4-diol	86	C4H6O2	000110-65-6	1
2	3-Butyn-1-ol	70	C4H6O	000927-74-2	1
3	3-Butyn-1-ol	70	C4H6O	000927-74-2	1
4	N-Methyl-7-azabicyclo(2,2,1)hept...	109	C7H11N	1000143-24-8	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6340.D Vial: 16
Acq On : 1 May 2002 9:55 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

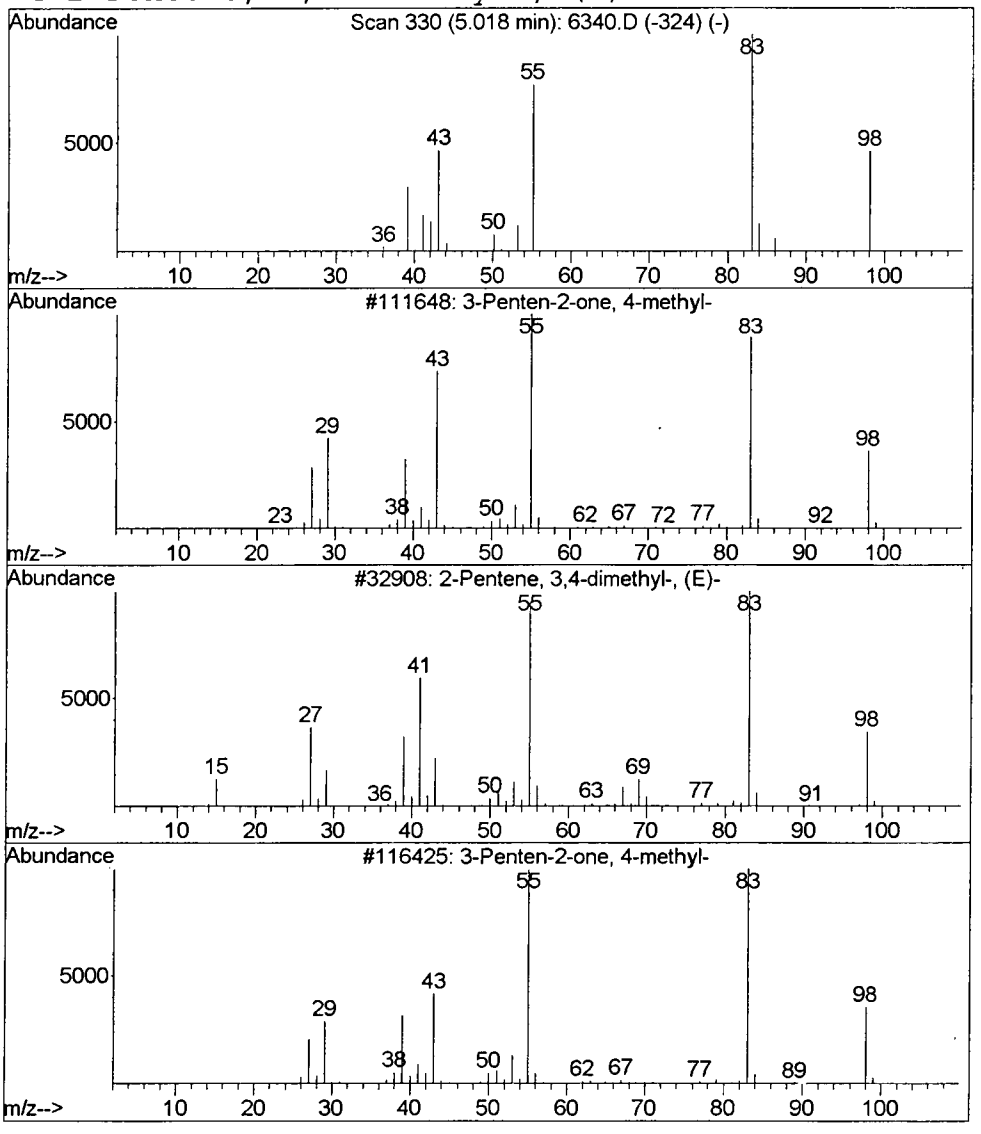
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

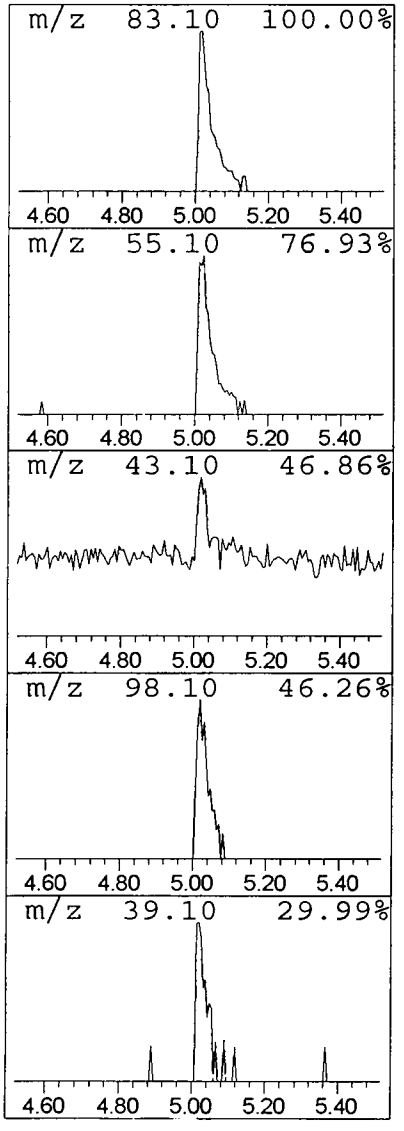
****

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	0.33 ug/L	211336	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	80
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	80
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	72
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6340.D Vial: 16
Acq On : 1 May 2002 9:55 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

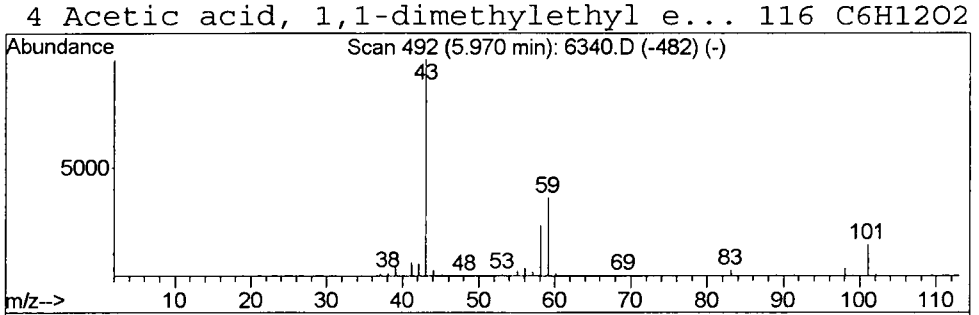
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

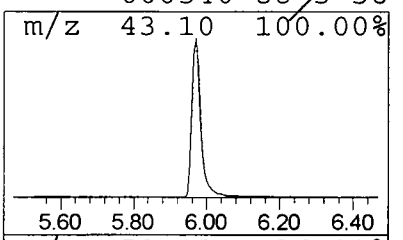
****

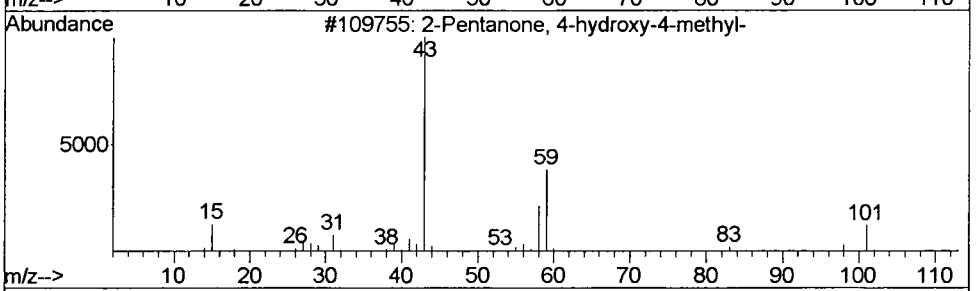
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

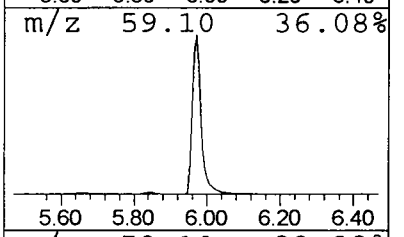
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	10.12 ug/L	6450630	1,4-Dichlorobenzene-d4	9.94

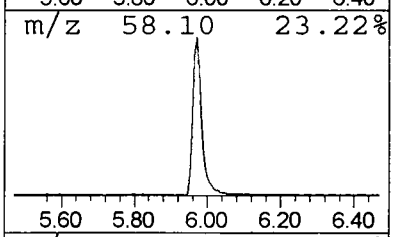
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36

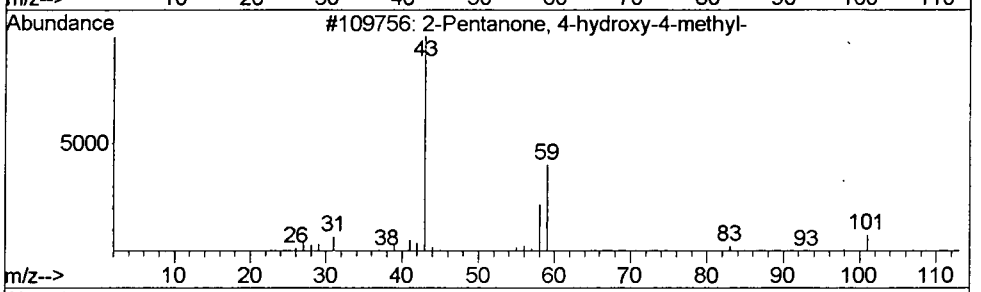


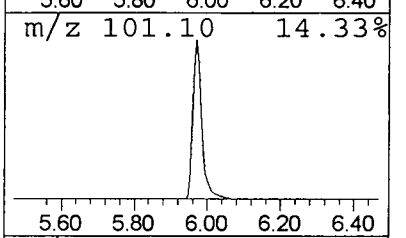


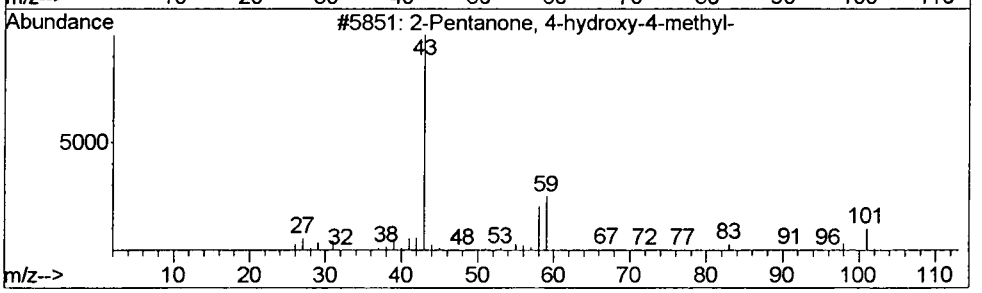


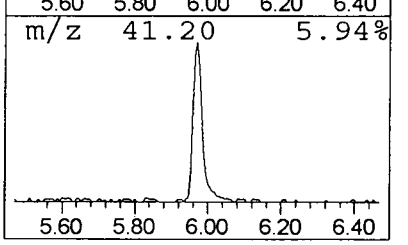












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6340.D Vial: 16
Acq On : 1 May 2002 9:55 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

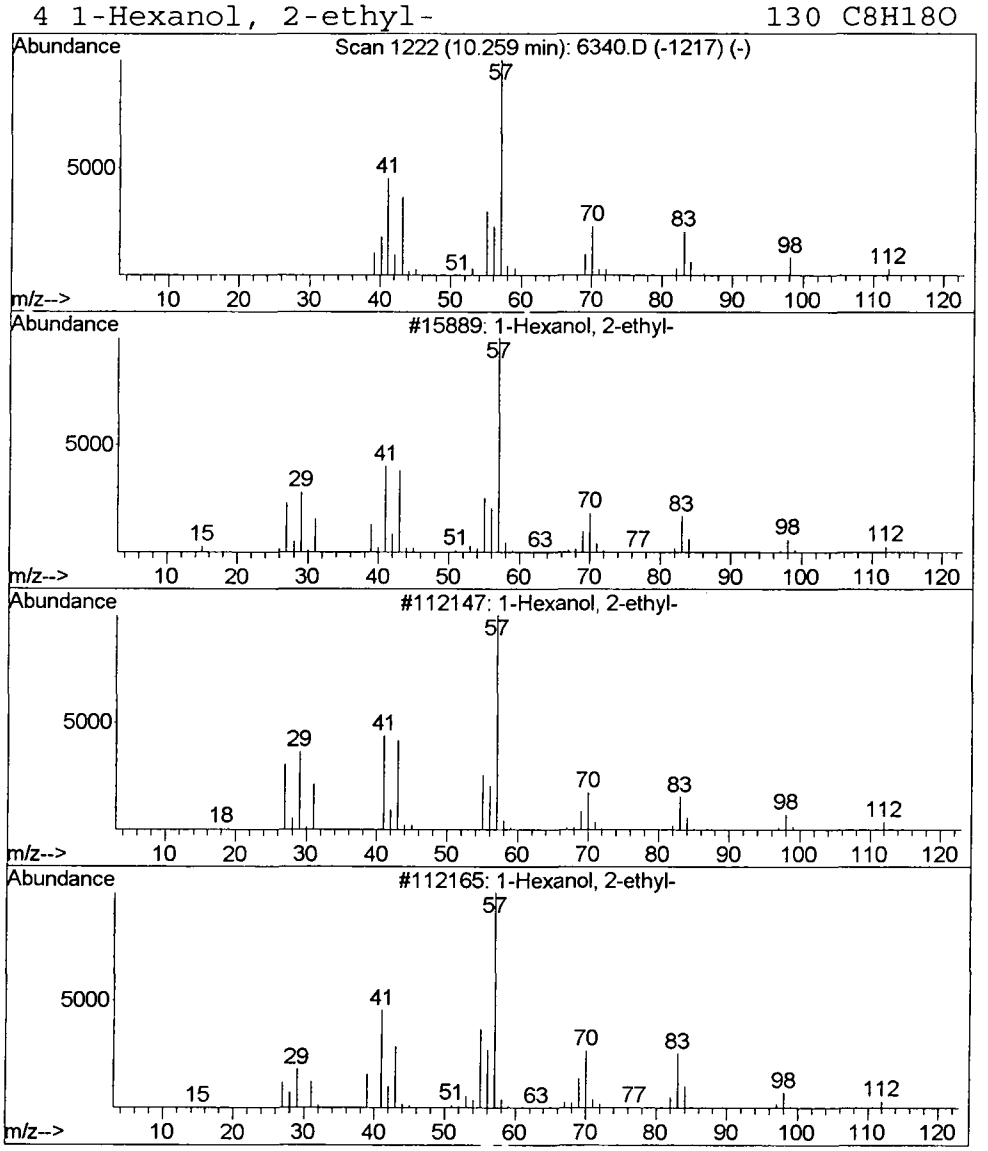
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

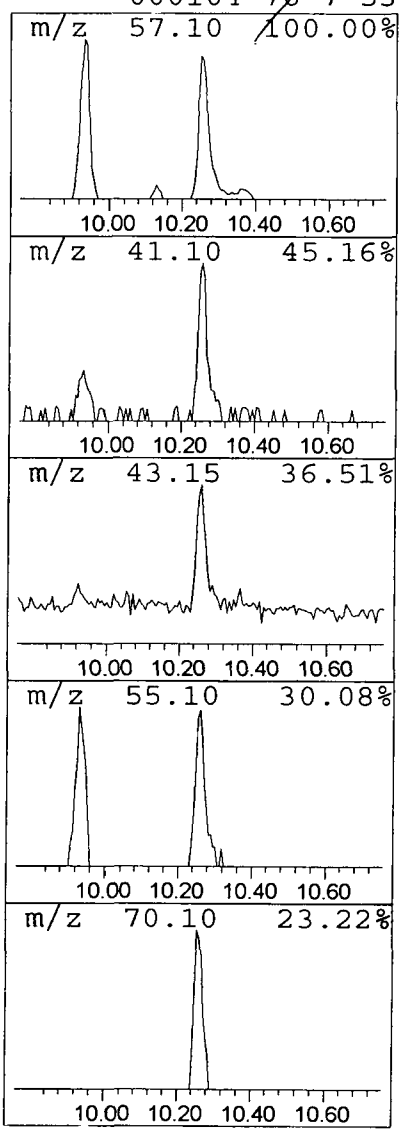
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	0.52 ug/L	331109	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6340.D Vial: 16
Acq On : 1 May 2002 9:55 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

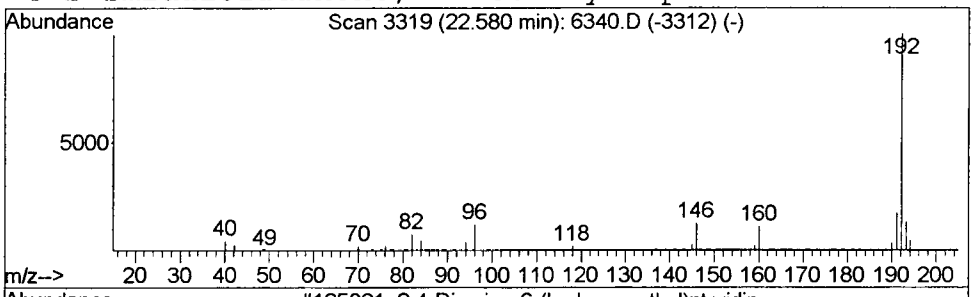
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

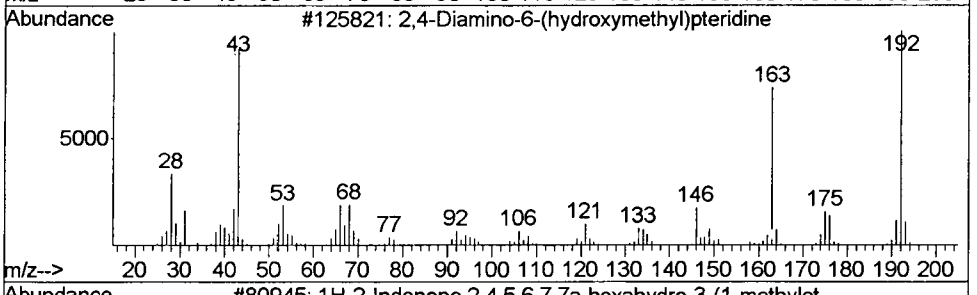
****

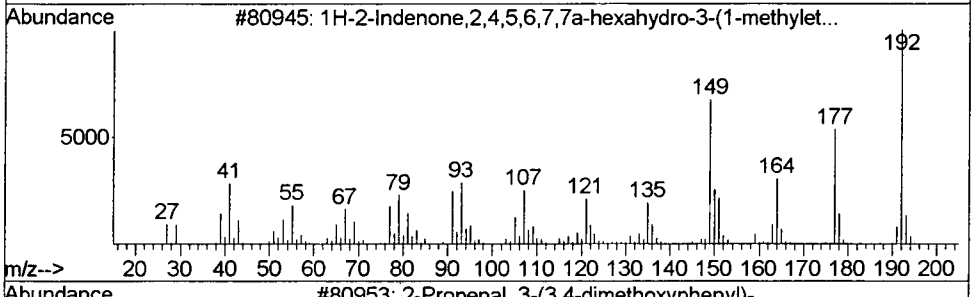
Peak Number 6 2,4-Diamino-6-(hydroxymethy... Concentration Rank 5

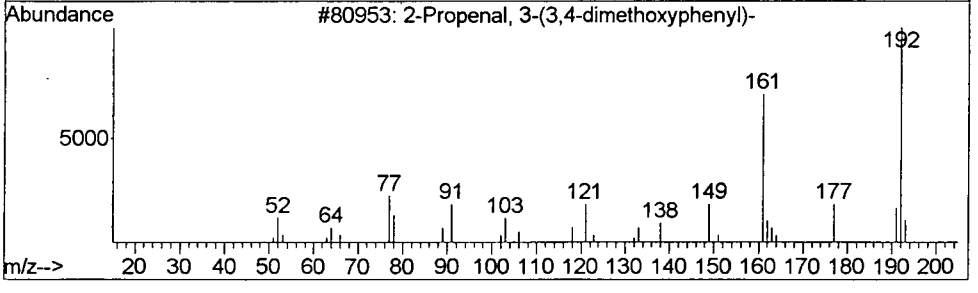
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.31 ug/L	278527	Phenanthranene-d10	22.96

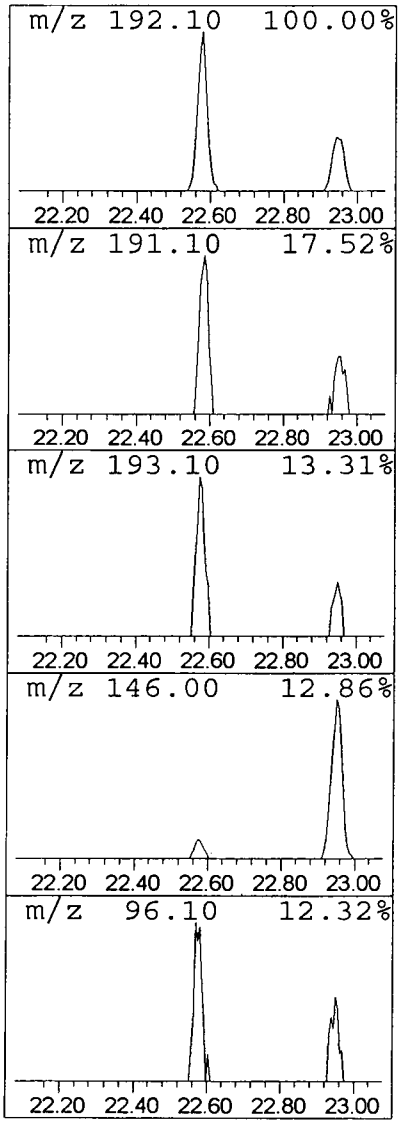
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	42
2	1H-2-Indenone,2,4,5,6,7,7a-hexah...	192	C13H20O	1000196-69-5	42
3	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42
4	2-Imidazolidinone, 1-methoxy-3-p...	192	C10H12N2O2	052420-43-6	38











Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6340.D Vial: 16
Acq On : 1 May 2002 9:55 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

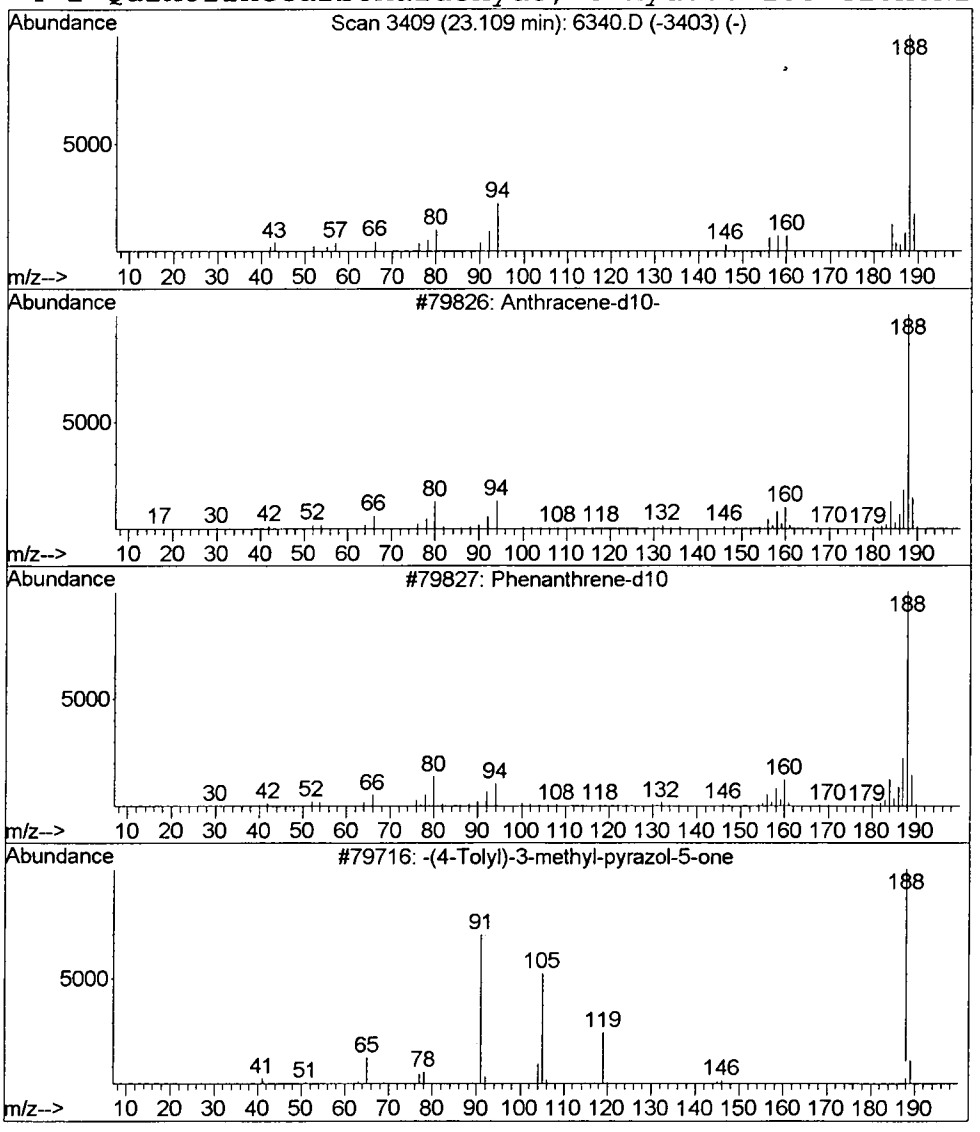
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

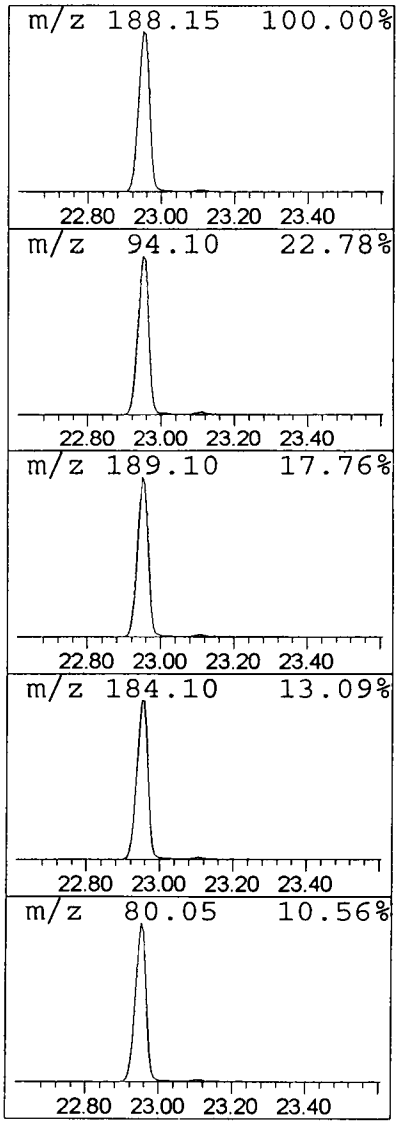
****

Peak Number 7 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.65 ug/L	586244	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	72
2	Phenanthrene-d10	188	C14D10	001517-22-2	59
3	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	38
4	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	38





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 1 May 2002 9:55 pm
Data File: C:\MSDCHEM\1\DATA\050102\6340.D
Name: re-ext 4/29
Misc:
Method: C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title: 508 Modified GC/MS scan
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Methylene Chloride	3.74	0.2	ug/L	130580	1	9.94	25486500	40.0
2-Butyne-1,4-diol	3.80	0.2	ug/L	134454	1	9.94	25486500	40.0
3-Penten-2-one, 4...	5.02	0.3	ug/L	211336	1	9.94	25486500	40.0
2-Pentanone, 4-hy...	5.97	10.1	ug/L	6450630	1	9.94	25486500	40.0
1-Hexanol, 2-ethyl-	10.26	0.5	ug/L	331109	1	9.94	25486500	40.0
2,4-Diamino-6-(hy...	22.58	0.3	ug/L	278527	4	22.96	36265000	40.0
Anthracene-d10-	23.11	0.6	ug/L	586244	4	22.96	36265000	40.0