User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/03/2002 Time: 11:44:14

Sample: AE06338
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/3/02 11:43 Ended: 5/3/02 11:43 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Comments for Sample AE06338 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-03-2002 Time: 11:44:33

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\6338.D Vial: 14
Acq On : 1 May 2002 8:18 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 02 10:27:21 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 09:38:23 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

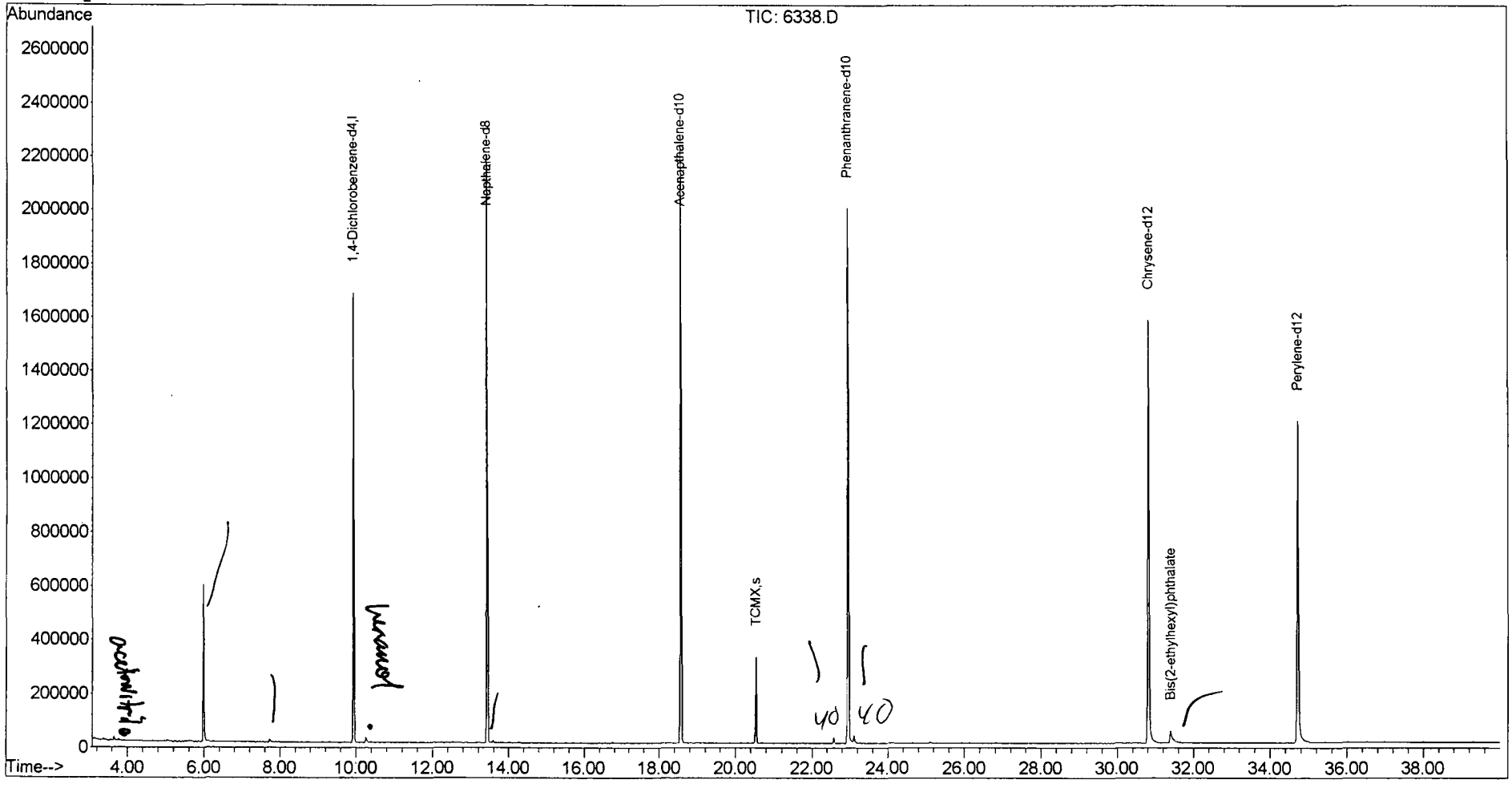
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	5101598	40.00	ug/L	0.00
10) Napthalene-d8	13.44	136	20262369	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.58	164	10980540	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	15962720	40.00	ug/L	0.00
37) Chrysene-d12	30.82	240	12472984	40.00	ug/L	-0.05
43) Perylene-d12	34.72	264	8917715	40.00	ug/L	-0.03
System Monitoring Compounds						
27) TCMX	20.54	207	637141	7.35	ug/L	-0.02
Spiked Amount 10.000			Recovery = 73.50%			
Target Compounds						Qvalue
41) Bis(2-ethylhexyl)phthalate	31.39	149	548522	1.78	ug/L	98

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050102\6338.D Vial: 14
Acq On : 1 May 2002 8:18 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 2 12:22 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 12:47:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\050102\6338.D Vial: 14
Acq On : 1 May 2002 8:18 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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

Signal : TIC

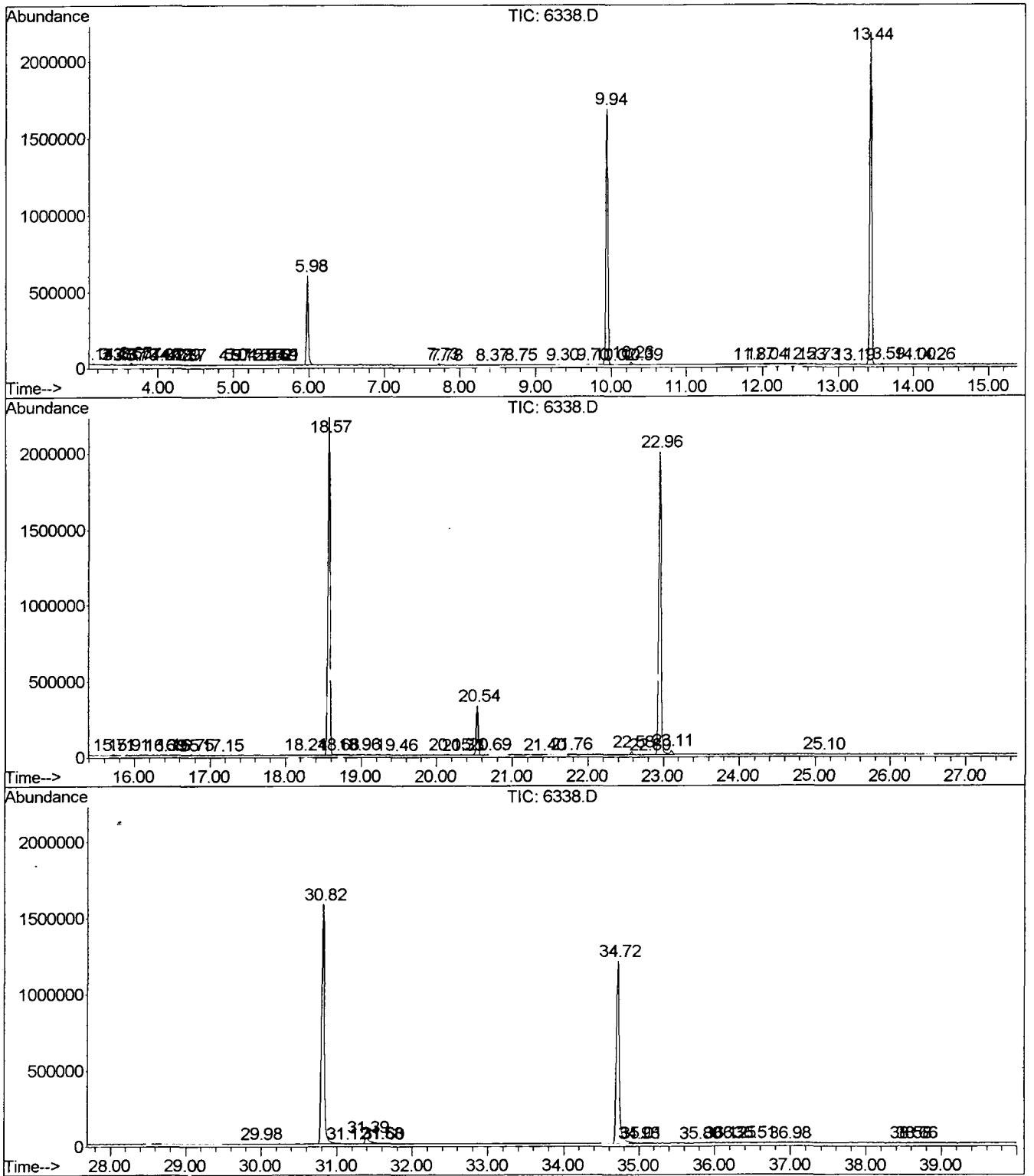
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.143	4	11	16	BV 3	4852	73792	0.16%	0.029%
2	3.378	47	51	55	PV 3	6516	92001	0.20%	0.036%
3	3.426	55	59	67	VV 6	3677	62016	0.14%	0.024%
4	3.572	71	84	89	VV 8	3154	78367	0.17%	0.030%
5	3.649	92	97	104	VV	14694	246334	0.55%	0.096%
6	3.731	104	111	115	VV 5	3505	102214	0.23%	0.040%
7	3.772	115	118	122	VV 3	6492	99804	0.22%	0.039%
8	4.066	161	168	170	VV 4	2072	39375	0.09%	0.015%
9	4.183	185	188	191	PV 5	2099	25336	0.06%	0.010%
10	4.213	191	193	196	VV 4	2202	23851	0.05%	0.009%
11	4.289	196	206	211	VV 5	3361	89328	0.20%	0.035%
12	4.371	211	220	226	VV 3	2559	73170	0.16%	0.028%
13	4.965	315	321	329	PV 6	2935	54378	0.12%	0.021%
14	5.035	329	333	344	VV 4	5645	145860	0.32%	0.057%
15	5.124	344	348	352	VV 6	3000	44042	0.10%	0.017%
16	5.435	399	401	407	VV 3	1865	23928	0.05%	0.009%
17	5.517	411	415	423	VV 7	2781	79485	0.18%	0.031%
18	5.594	423	428	429	VV 3	2167	31613	0.07%	0.012%
19	5.617	429	432	437	VV 4	3977	79882	0.18%	0.031%
20	5.981	484	494	518	VV	584170	10030606	22.27%	3.903%
21	7.726	783	791	798	PV 3	9120	196875	0.44%	0.077%
22	7.779	798	800	807	VV 4	2428	46817	0.10%	0.018%
23	8.373	897	901	906	PV 4	2073	37486	0.08%	0.015%
24	8.755	960	966	979	VV 4	2386	61785	0.14%	0.024%
25	9.301	1054	1059	1069	PV 5	2744	57924	0.13%	0.023%
26	9.701	1123	1127	1136	VV 5	2311	47876	0.11%	0.019%
27	9.942	1155	1168	1180	PV	1667471	30961161	68.73%	12.046%
28	10.024	1180	1182	1186	VV 5	1427	24323	0.05%	0.009%
29	10.265	1215	1223	1237	VV 4	17199	424886	0.94%	0.165%
30	10.388	1237	1244	1259	VV 8	2970	104544	0.23%	0.041%
31	11.869	1491	1496	1500	PV 6	1972	30132	0.07%	0.012%
32	12.039	1521	1525	1529	VV 2	2938	43351	0.10%	0.017%
33	12.533	1601	1609	1613	VV 5	2519	60489	0.13%	0.024%
34	12.727	1636	1642	1653	VV 2	2107	58533	0.13%	0.023%
35	13.191	1716	1721	1728	PV 2	1757	39847	0.09%	0.016%
36	13.437	1748	1763	1776	VV	2197548	41528199	92.18%	16.157%
37	13.584	1783	1788	1793	VV 3	7914	151834	0.34%	0.059%

38	13.996	1855	1858	1866	VV	2102	41071	0.09%	0.016%
39	14.254	1897	1902	1909	VV 4	2792	52268	0.12%	0.020%
40	15.705	2142	2149	2157	VV 4	2763	60108	0.13%	0.023%
41	15.905	2175	2183	2187	PV 2	2437	45677	0.10%	0.018%
42	16.393	2262	2266	2275	VV 3	1835	38053	0.08%	0.015%
43	16.552	2281	2293	2296	VV	1722	49083	0.11%	0.019%
44	16.751	2320	2327	2330	VV 3	4637	86862	0.19%	0.034%
45	17.151	2391	2395	2403	VV 3	2119	37486	0.08%	0.015%
46	18.244	2566	2581	2587	VV 3	2988	77404	0.17%	0.030%
47	18.573	2625	2637	2651	BV	2187299	45049180	100.00%	17.527%
48	18.679	2651	2655	2657	VV 3	2409	41602	0.09%	0.016%
49	18.961	2698	2703	2709	VV 5	2329	58178	0.13%	0.023%
50	19.454	2785	2787	2789	PV	1685	11427	0.03%	0.004%
51	20.153	2892	2906	2914	PV 5	2703	97970	0.22%	0.038%
52	20.330	2932	2936	2939	VV 4	2232	34695	0.08%	0.013%
53	20.541	2956	2972	2980	VV	322390	5991232	13.30%	2.331%
54	20.688	2992	2997	3002	VV 3	3290	58741	0.13%	0.023%
55	21.405	3114	3119	3125	VV 4	1527	20489	0.05%	0.008%
56	21.763	3174	3180	3185	PV 5	2230	40785	0.09%	0.016%
57	22.580	3312	3319	3330	VV 2	20748	373642	0.83%	0.145%
58	22.803	3345	3357	3361	VV 4	1785	40716	0.09%	0.016%
59	22.962	3372	3384	3403	PV 2	1985282	43947714	97.55%	17.099%
60	23.109	3403	3409	3417	VV 2	27648	669713	1.49%	0.261%
61	25.101	3739	3748	3759	PV	4213	94827	0.21%	0.037%
62	29.983	4564	4579	4582	BV 3	2276	48692	0.11%	0.019%
63	30.817	4709	4721	4771	PV 2	1586986	39523219	87.73%	15.377%
64	31.117	4771	4772	4778	VV	2157	44625	0.10%	0.017%
65	31.393	4811	4819	4849	PV	43889	1867777	4.15%	0.727%
66	31.581	4849	4851	4852	VV	3235	28940	0.06%	0.011%
67	31.599	4852	4854	4861	VV 4	2236	37421	0.08%	0.015%
68	34.719	5370	5385	5428	PV 2	1189797	32728361	72.65%	12.734%
69	34.977	5428	5429	5433	VV 2	4243	61663	0.14%	0.024%
70	35.007	5433	5434	5439	VV 2	3581	63572	0.14%	0.025%
71	35.794	5564	5568	5570	VV 3	1981	26371	0.06%	0.010%
72	36.123	5617	5624	5628	VV	2448	49358	0.11%	0.019%
73	36.246	5640	5645	5647	VV 2	2350	34485	0.08%	0.013%
74	36.511	5685	5690	5700	VV 4	2447	79190	0.18%	0.031%
75	36.975	5765	5769	5771	PV 3	1289	14949	0.03%	0.006%
76	38.573	6040	6041	6043	VV	1558	10011	0.02%	0.004%
77	38.655	6053	6055	6057	VV 2	1804	13106	0.03%	0.005%

Sum of corrected areas: 257022111

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\050102\6338.D
Operator : Mclean
Acquired : 1 May 2002 8:18 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: re-ext 4/29
Misc Info :
Vial Number: 14
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6338.D
Acq On : 1 May 2002 8:18 pm
Sample : re-ext 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 14
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

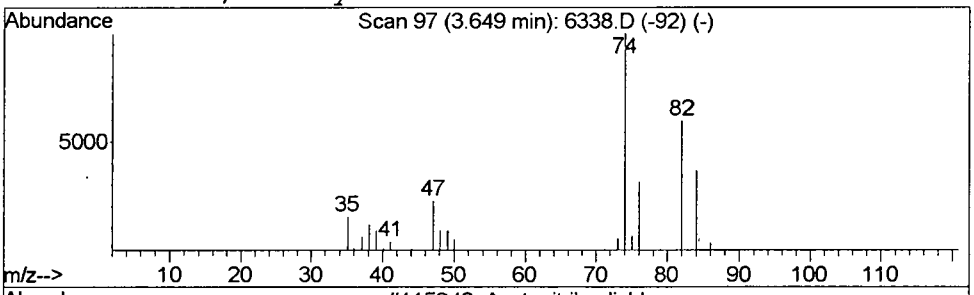
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

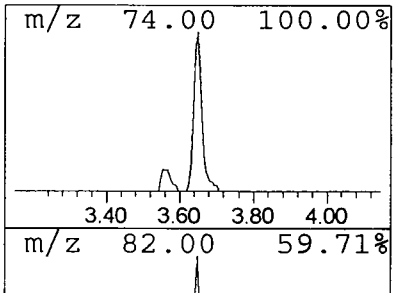
****

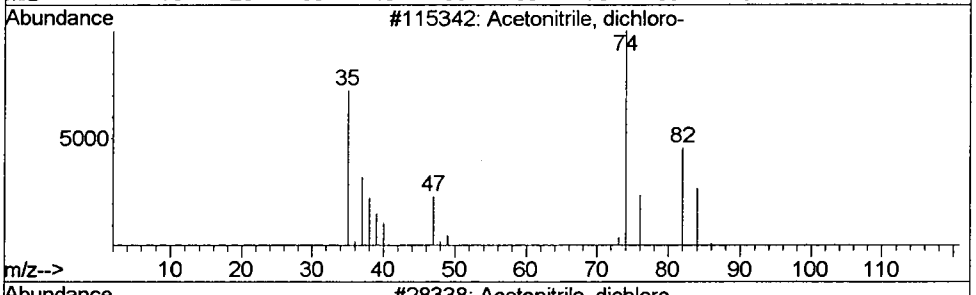
Peak Number 1 Acetonitrile, dichloro- Concentration Rank 5

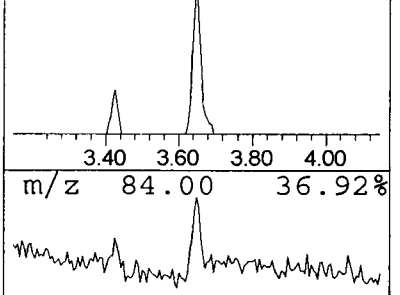
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.32 ug/L	246334	1,4-Dichlorobenzene-d4	9.94

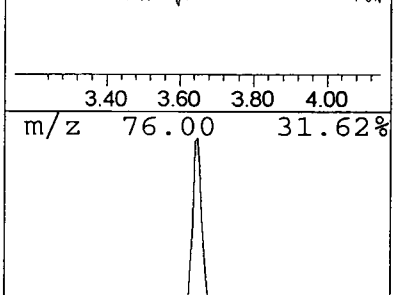
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	78
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	53
3	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	28
4	Thiirane, methyl-	74	C3H6S	001072-43-1	9

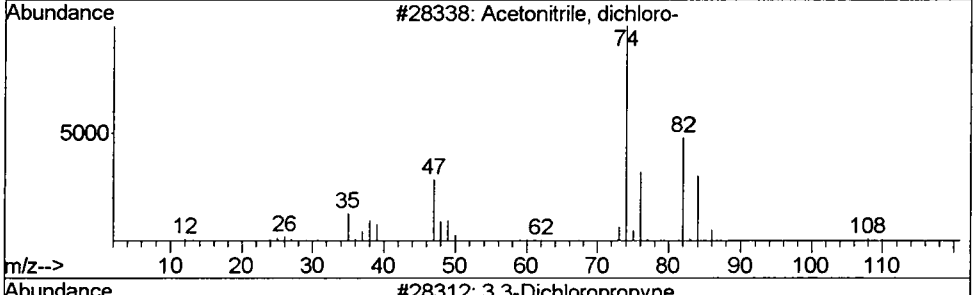


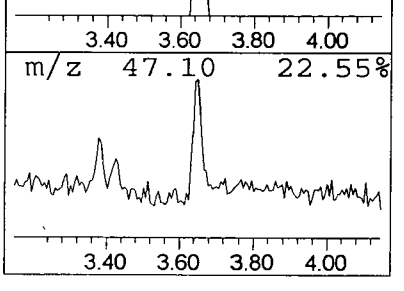


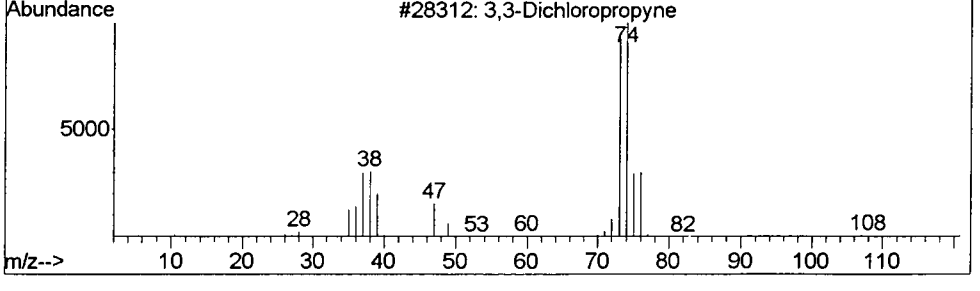












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6338.D
Acq On : 1 May 2002 8:18 pm
Sample : re-ext 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 14
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

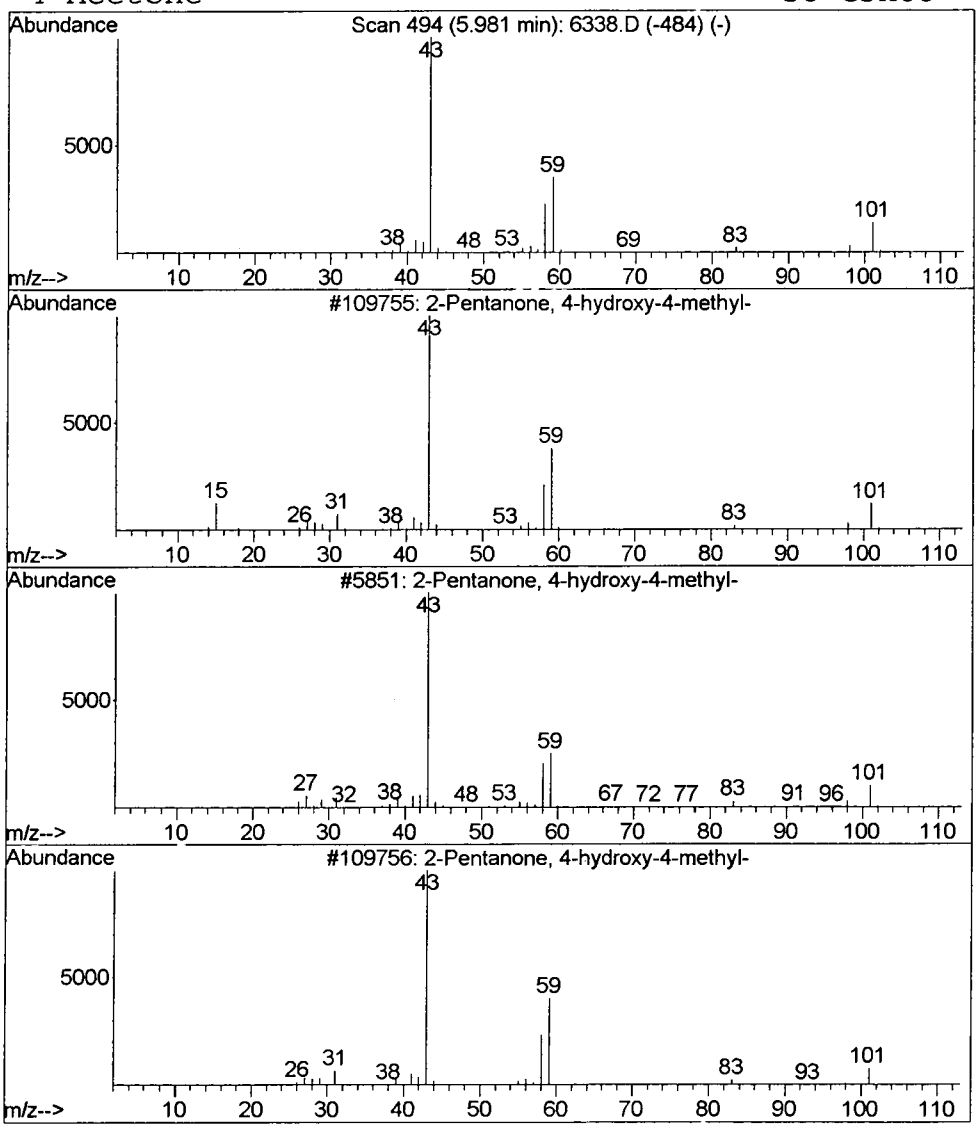
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

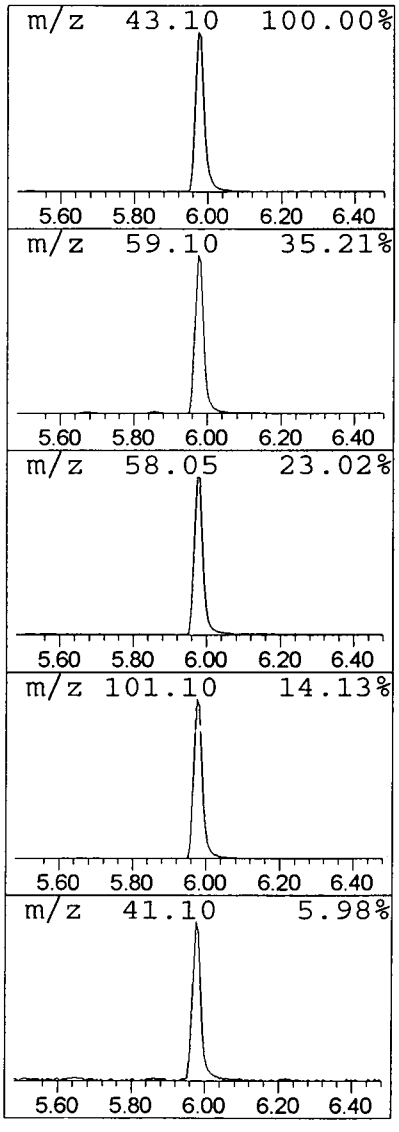
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	12.96 ug/L	10030600	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	90
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
4	Acetone	58	C3H6O	000067-64-1	38





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6338.D Vial: 14
Acq On : 1 May 2002 8:18 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

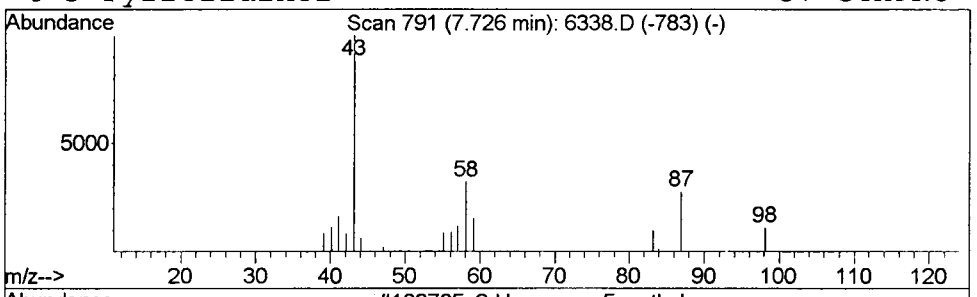
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

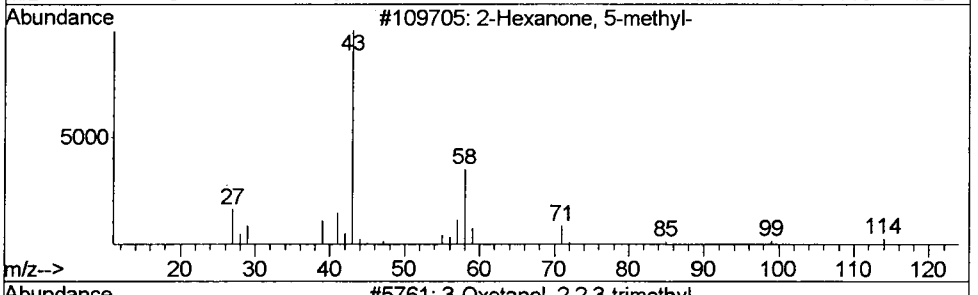
****

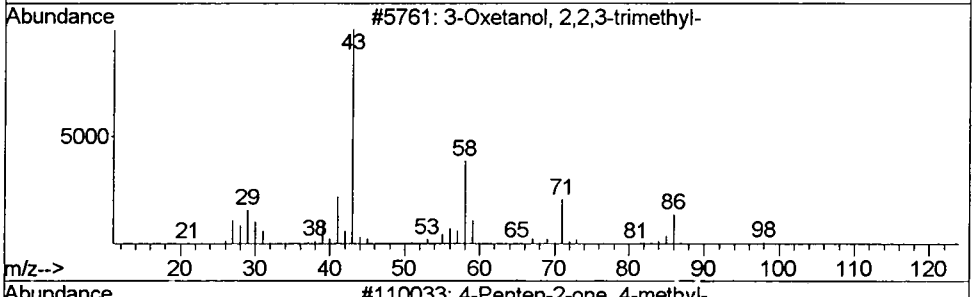
Peak Number 3 2-Hexanone, 5-methyl- Concentration Rank 6

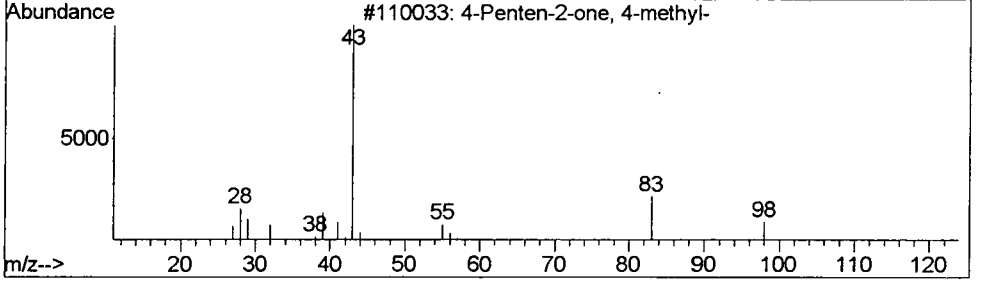
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.25 ug/L	196875	1,4-Dichlorobenzene-d4	9.94

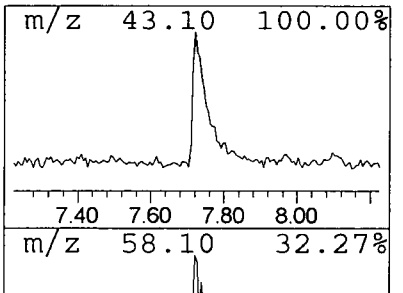
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	25
2	3-Oxetanol, 2,2,3-trimethyl-	116	C6H12O2	025910-96-7	25
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	12
4	3-Pyrrolidinol	87	C4H9NO	040499-83-0	9

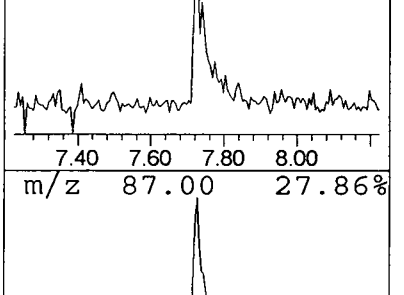


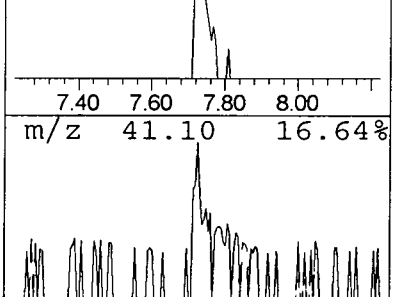


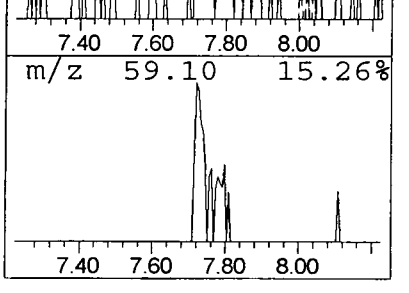












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6338.D Vial: 14
Acq On : 1 May 2002 8:18 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

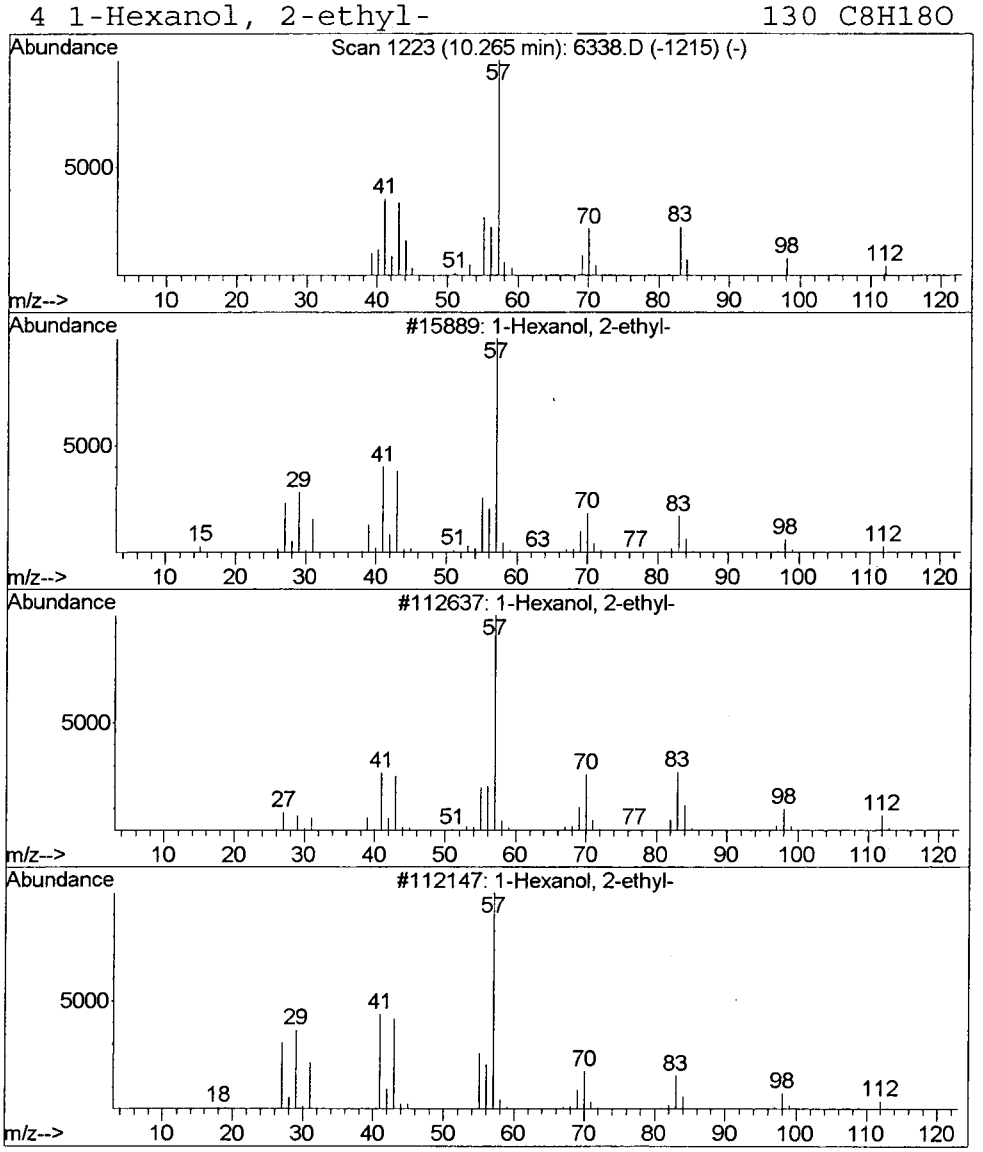
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

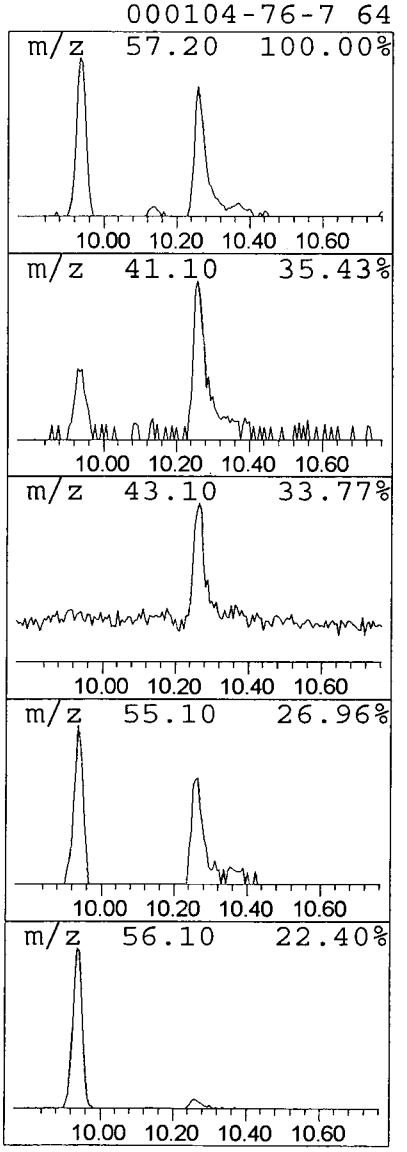
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	0.55 ug/L	424886	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	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6338.D
Acq On : 1 May 2002 8:18 pm
Sample : re-ext 4/29
Misc :
MS Integration Params: LSCINT.e

Vial: 14
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

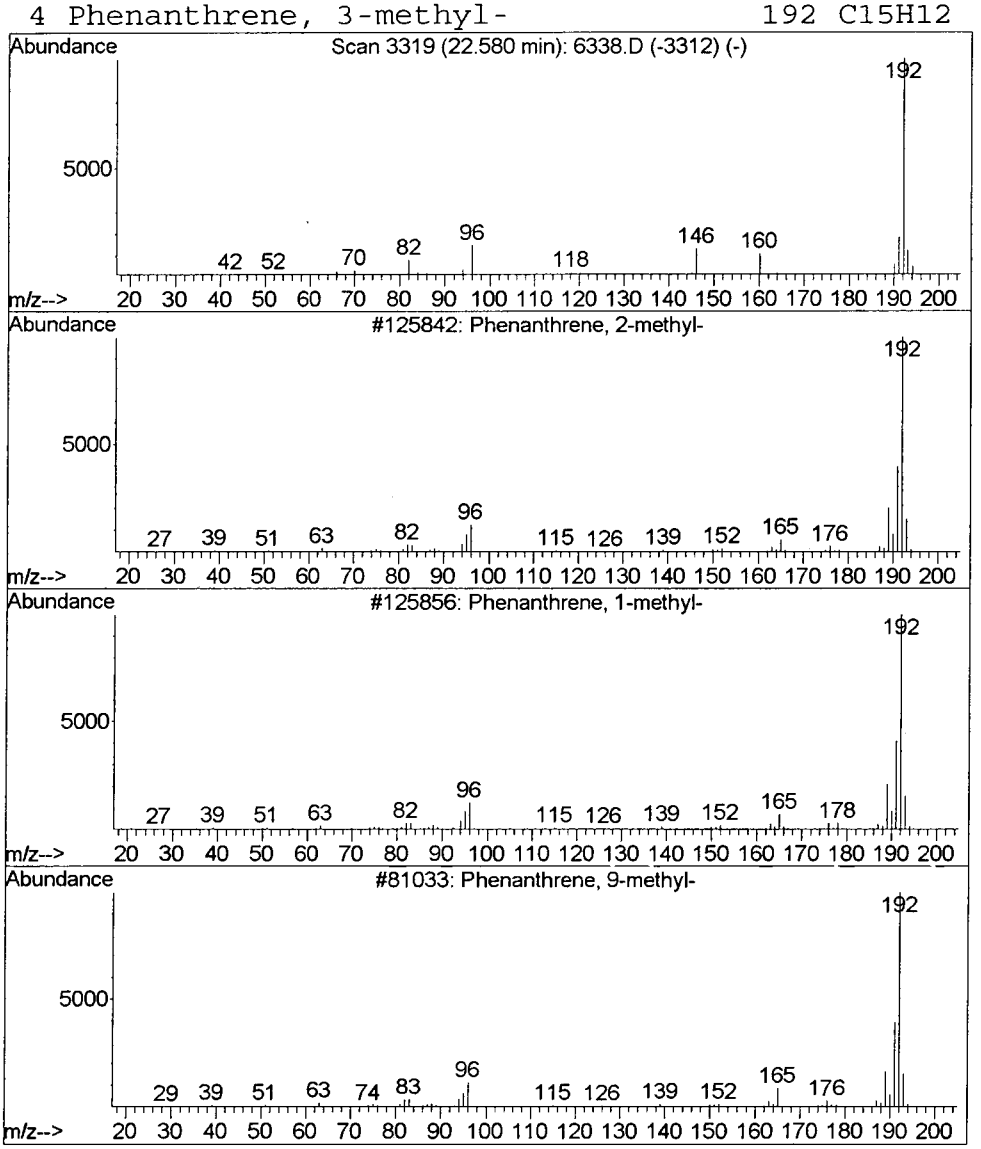
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

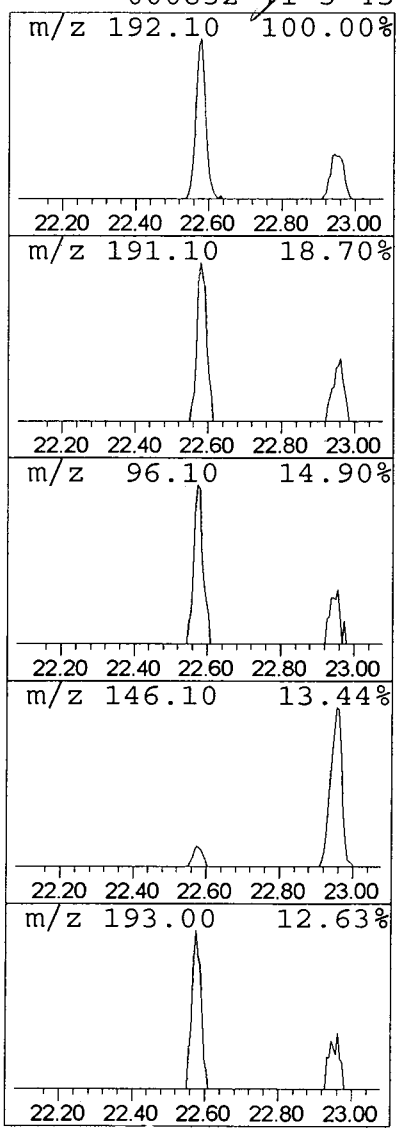
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.34 ug/L	373642	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	59
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	59
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	45





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\050102\6338.D Vial: 14
Acq On : 1 May 2002 8:18 pm Operator: Mclean
Sample : re-ext 4/29 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

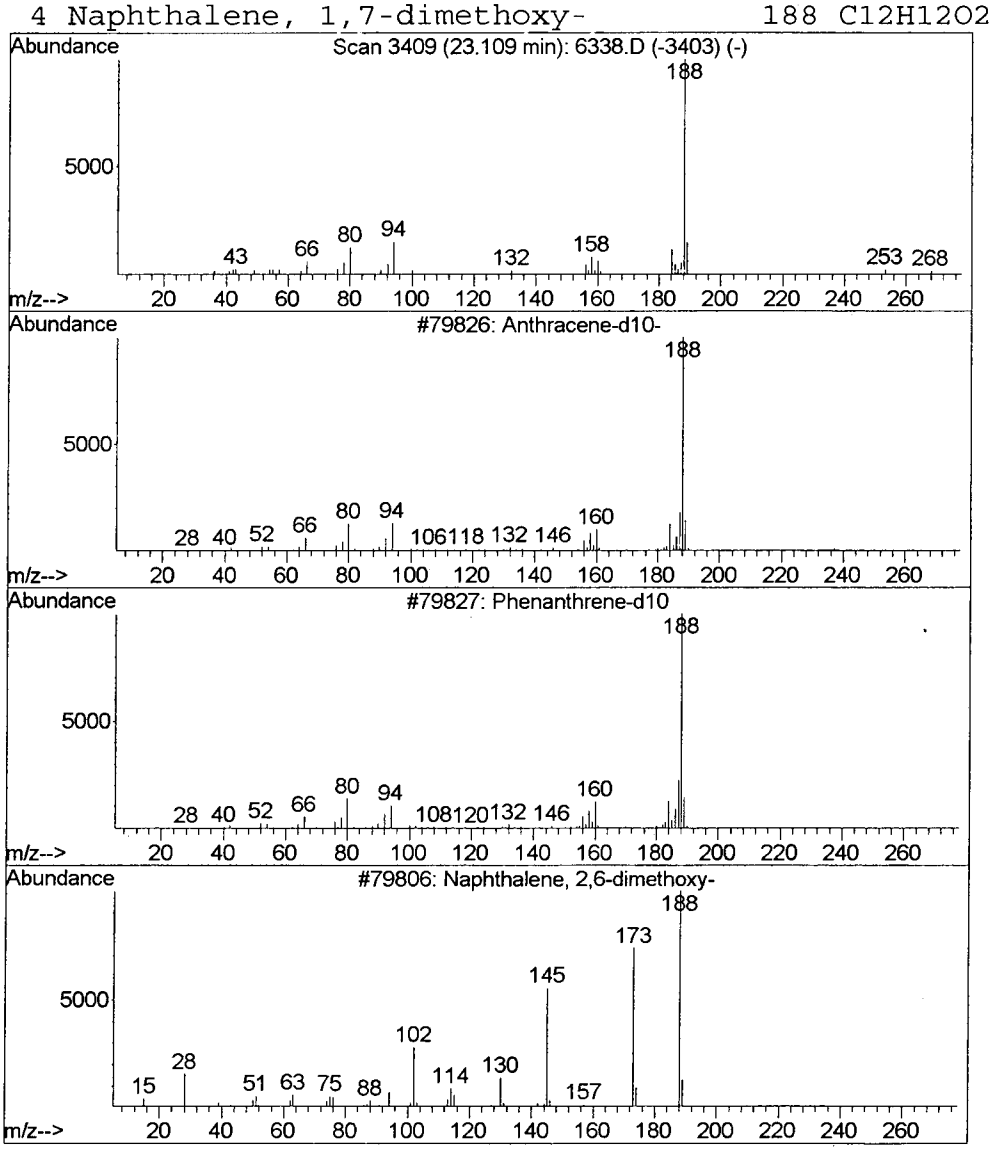
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

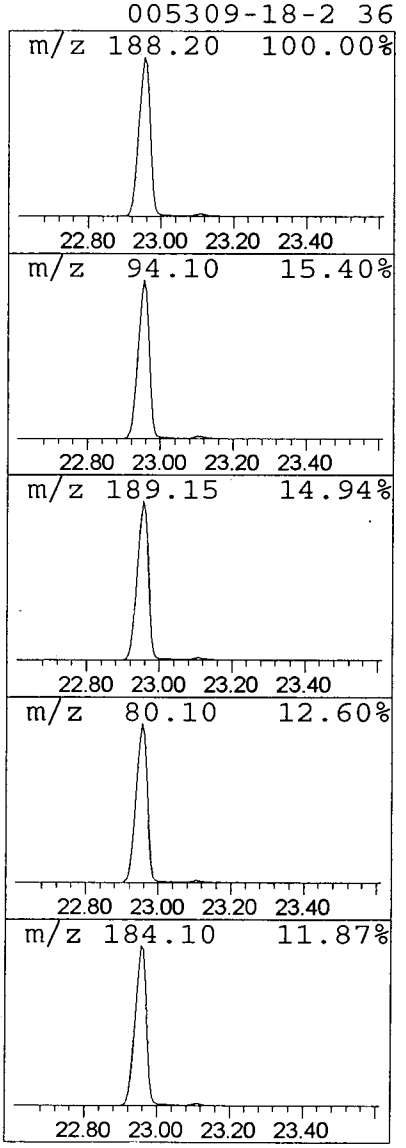
****

Peak Number 6 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.61 ug/L	669713	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	90
2	Phenanthrene-d10	188	C14D10	001517-22-2	87
3	Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	36
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	36





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 1 May 2002 8:18 pm
Data File: C:\MSDCHEM\1\DATA\050102\6338.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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Acetonitrile, dic...	3.65	0.3	ug/L	246334	1	9.94	30961200	40.0
2-Pentanone, 4-hy...	5.98	13.0	ug/L	10030600	1	9.94	30961200	40.0
2-Hexanone, 5-met...	7.73	0.3	ug/L	196875	1	9.94	30961200	40.0
1-Hexanol, 2-ethyl-	10.26	0.5	ug/L	424886	1	9.94	30961200	40.0
Phenanthrene, 2-m...	22.58	0.3	ug/L	373642	4	22.96	43947700	40.0
Anthracene-d10-	23.11	0.6	ug/L	669713	4	22.96	43947700	40.0