User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 09:54:51

Sample: AE10985
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/22/02 09:53 Ended: 5/22/02 09:53 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		93		10.0

Comments for Sample AE10985 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-22-2002 Time: 09:54:58

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051402\10985.D Vial: 14
Acq On : 15 May 2002 12:06 am Operator: Mclean
Sample : 5/10 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:41:57 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 16 14:34:28 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.93	152	5280004	40.00 ug/L	0.00
10) Napthalene-d8	13.43	136	20891134	40.00 ug/L	0.00
17) Acenapthalene-d10	18.57	164	11396770	40.00 ug/L	0.00
29) Phenanthranene-d10	22.95	188	16297227	40.00 ug/L	0.00
37) Chrysene-d12	30.81	240	11497665	40.00 ug/L	0.00
43) Perylene-d12	34.71	264	7213079	40.00 ug/L	0.00
System Monitoring Compounds					
27) TCMX	20.55	209	2567226	37.10 ug/L	0.00
Spiked Amount 40.000			Recovery = 92.75%		
Target Compounds					Qvalue
2) n-nitros-dimethyl amine	0.00	74	0	N.D. d	
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.	
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
7) 2,2'oxybis(1-Chloropropane	0.00	45	0	N.D.	
8) N-nitroso-di-propylamine	0.00	70	0	N.D.	
9) Hexachloroethane	0.00	117	0	N.D.	
11) Nitrobenzene	0.00	77	0	N.D.	
12) Isophorone	0.00	82	0	N.D.	
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.	
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
15) Napthalene	0.00	128	0	N.D.	
16) Hexachlorobutadiene	0.00	225	0	N.D.	
18) 2-Chloronaphthalene	0.00	162	0	N.D.	
19) Dimethylphthalate	0.00	163	0	N.D.	
20) 2,6-Dinitrotoluene	0.00	165	0	N.D.	
21) Acenapthylene	0.00	152	0	N.D.	
22) Acenapthalene	0.00	153	0	N.D.	
23) 2,4-Dinitrotoluene	0.00	165	0	N.D.	
24) Diethylphthalate	0.00	149	0	N.D.	
25) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
26) Fluorene	0.00	166	0	N.D.	
28) Azobenzene	20.55	77	43185	N.D.	
30) Nnitrosodiphenylamine	20.54	169	50192	0.25 ug/L #	52
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	0.00	178	0	N.D.	
34) Anthracene	0.00	178	0	N.D.	
35) Di-n-butylphthalate	25.09	149	31704	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

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Acq On : 15 May 2002 12:06 am Operator: Mclean
Sample : 5/10 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:41:57 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 16 14:34:28 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

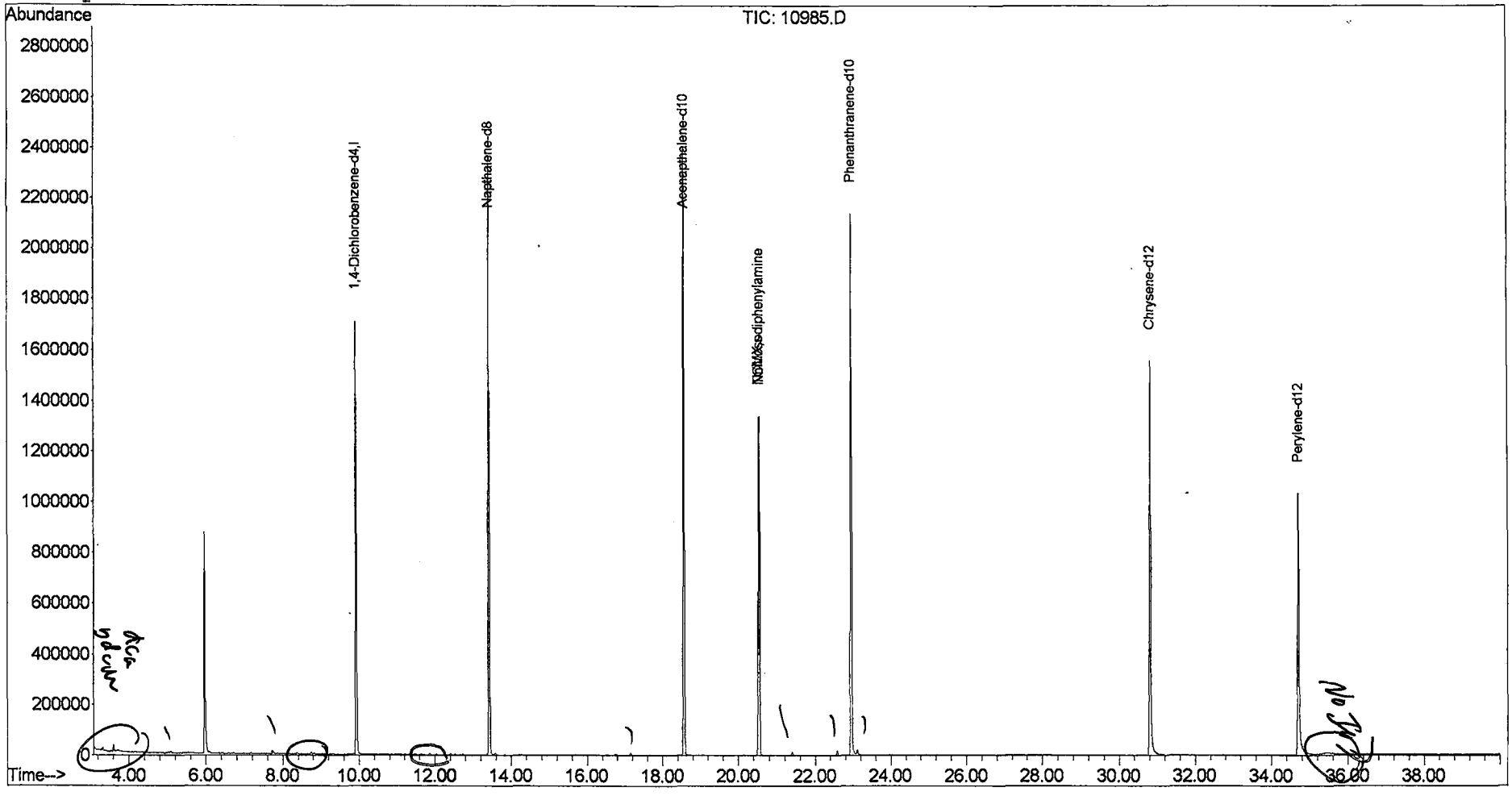
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36) Fluoroanthene	0.00	202	0	N.D.	
38) Pyrene	0.00	202	0	N.D.	
39) Butylbenzylphthalate	0.00	149	0	N.D.	
40) Benzo(a)anthracene	30.80	228	27854	N.D.	
41) Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
42) Chrysene	0.00	228	0	N.D.	
44) Di-n-octylphthalate	0.00	149	0	N.D.	
45) Benzo(b)fluoranthene	0.00	252	0	N.D.	
46) Benzo(k)fluoranthene	0.00	252	0	N.D.	
47) Benzo(a)pyrene	0.00	252	0	N.D.	
48) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
49) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
50) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\051402\10985.D Vial: 14
Acq On : 15 May 2002 12:06 am Operator: Mclean
Sample : 5/10 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:42 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 16 14:34:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\051402\10985.D
Acq On : 15 May 2002 12:06 am
Sample : 5/10 kb
Misc :
MS Integration Params: LSCINT.e

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

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

Signal : TIC

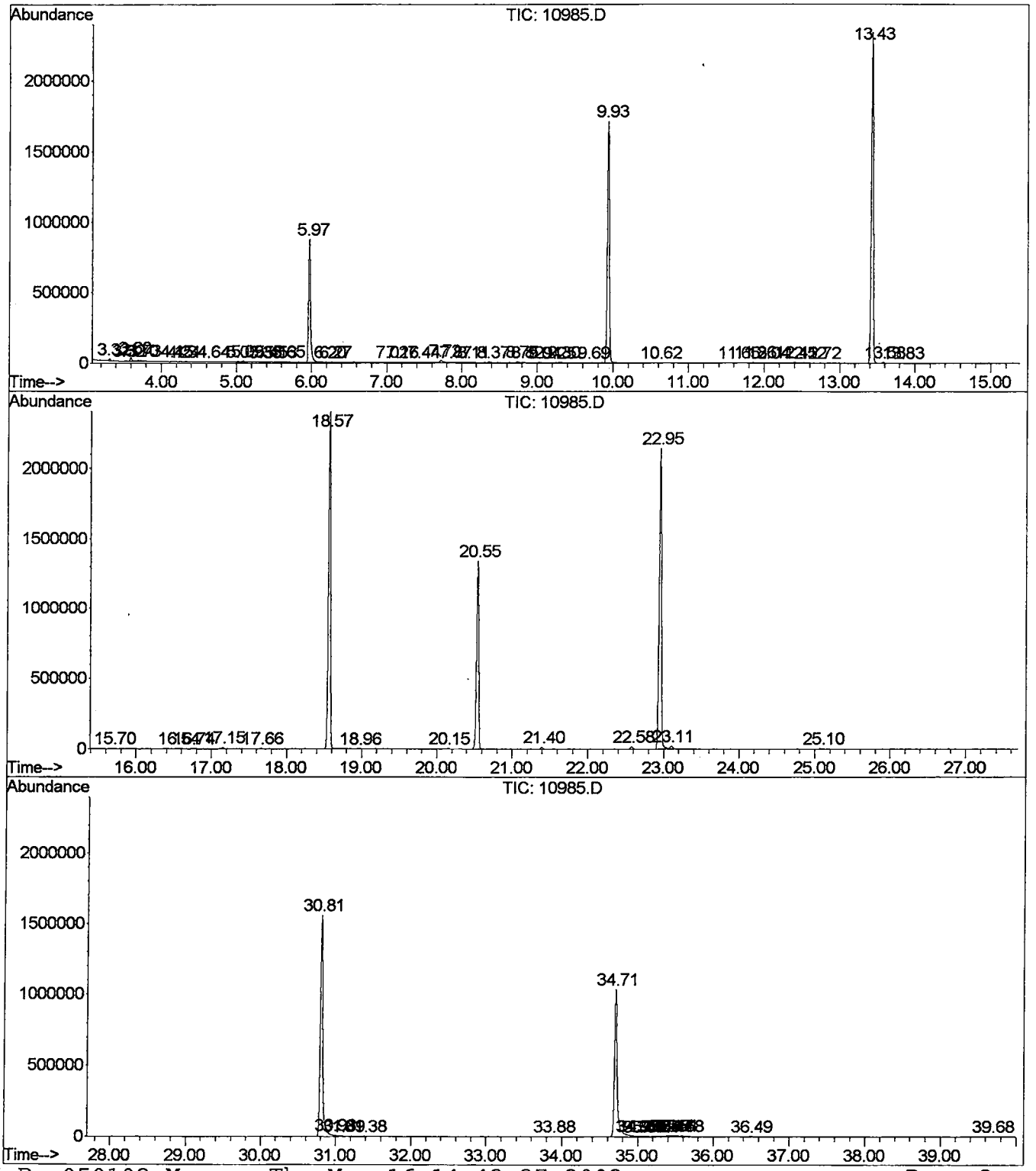
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.320	34	41	46	PV 3	12167	183049	0.39%	0.066%
2	3.520	70	75	84	PV 6	3197	70797	0.15%	0.026%
3	3.602	84	89	97	VV	26088	442706	0.95%	0.160%
4	3.696	97	105	109	VV 7	6806	187274	0.40%	0.068%
5	3.732	109	111	114	VV 4	6745	109140	0.23%	0.039%
6	4.149	176	182	194	VV 9	3465	115767	0.25%	0.042%
7	4.243	194	198	207	PV 9	2191	59009	0.13%	0.021%
8	4.337	207	214	220	VV 6	3163	78405	0.17%	0.028%
9	4.642	263	266	269	PV 4	1950	18025	0.04%	0.007%
10	5.024	325	331	337	VV 8	5059	120220	0.26%	0.043%
11	5.089	337	342	352	VV 9	7086	190482	0.41%	0.069%
12	5.336	378	384	393	VV 8	2328	72823	0.16%	0.026%
13	5.412	393	397	403	VV 6	4353	98752	0.21%	0.036%
14	5.535	412	418	424	PV 5	2673	80978	0.17%	0.029%
15	5.647	424	437	444	VV 5	3736	169697	0.37%	0.061%
16	5.970	484	492	527	VV	879404	16019571	34.49%	5.793%
17	6.193	527	530	535	VV 5	2465	38906	0.08%	0.014%
18	6.270	535	543	548	VV 8	2627	70478	0.15%	0.025%
19	7.022	667	671	675	VV 3	2032	33075	0.07%	0.012%
20	7.157	688	694	696	VV 4	3202	36963	0.08%	0.013%
21	7.445	739	743	747	VV 6	2450	38218	0.08%	0.014%
22	7.721	785	790	805	PV 2	14533	395378	0.85%	0.143%
23	7.868	810	815	823	VV 5	2949	76916	0.17%	0.028%
24	8.109	851	856	859	VV 5	2285	42438	0.09%	0.015%
25	8.367	895	900	909	VV 4	5449	121147	0.26%	0.044%
26	8.743	955	964	971	PV 3	7384	153451	0.33%	0.055%
27	8.820	971	977	985	VV 4	4519	101972	0.22%	0.037%
28	9.037	1006	1014	1020	PV 6	1636	42245	0.09%	0.015%
29	9.249	1046	1050	1054	PV 4	2171	35131	0.08%	0.013%
30	9.302	1054	1059	1063	VV 5	3294	64678	0.14%	0.023%
31	9.695	1122	1126	1129	VV 4	1981	28929	0.06%	0.010%
32	9.936	1157	1167	1188	VV	1689891	31698228	68.24%	11.462%
33	10.618	1273	1283	1297	PV 5	2133	38538	0.08%	0.014%
34	11.646	1452	1458	1464	VV 6	2078	38579	0.08%	0.014%
35	11.863	1486	1495	1504	BV 6	5511	103612	0.22%	0.037%
36	12.040	1520	1525	1529	VV 3	3092	51013	0.11%	0.018%
37	12.404	1582	1587	1594	VV 2	5187	88127	0.19%	0.032%

38	12.521	1600	1607	1618	PV	5	3751	87848	0.19%	0.032%
39	12.721	1637	1641	1650	VV		3035	67255	0.14%	0.024%
40	13.432	1751	1762	1783	VV		2308791	42729423	91.99%	15.451%
41	13.579	1783	1787	1795	VV	3	7191	141157	0.30%	0.051%
42	13.826	1821	1829	1834	VV	4	2995	50657	0.11%	0.018%
43	15.700	2140	2148	2159	VV	5	2119	65743	0.14%	0.024%
44	16.540	2285	2291	2299	PV	6	3120	73147	0.16%	0.026%
45	16.746	2320	2326	2339	VV	5	4448	117470	0.25%	0.042%
46	17.151	2381	2395	2401	PV	5	9227	161967	0.35%	0.059%
47	17.663	2477	2482	2489	VV	3	4071	67611	0.15%	0.024%
48	18.567	2624	2636	2662	PV		2405484	46451787	100.00%	16.796%
49	18.961	2699	2703	2710	BV	2	1687	29812	0.06%	0.011%
50	20.148	2900	2905	2910	VV	3	2137	40219	0.09%	0.015%
51	20.547	2955	2973	2990	PV		1326017	25451648	54.79%	9.203%
52	21.399	3111	3118	3126	VV	3	13352	201708	0.43%	0.073%
53	22.580	3312	3319	3326	VV	2	17190	318914	0.69%	0.115%
54	22.951	3362	3382	3402	PV	2	2105542	44421663	95.63%	16.062%
55	23.109	3402	3409	3420	VV	3	19664	470756	1.01%	0.170%
56	25.095	3740	3747	3754	PV	3	2714	57827	0.12%	0.021%
57	30.806	4698	4719	4747	PV	2	1537331	35563788	76.56%	12.859%
58	30.977	4747	4748	4762	VV	5	8887	294528	0.63%	0.106%
59	31.088	4765	4767	4770	VV	4	3853	53730	0.12%	0.019%
60	31.376	4810	4816	4829	PV	6	3419	77427	0.17%	0.028%
61	33.885	5239	5243	5252	VV	3	1566	28472	0.06%	0.010%
62	34.708	5371	5383	5425	PV	2	1041285	26596687	57.26%	9.617%
63	34.960	5425	5426	5430	VV	3	6264	99497	0.21%	0.036%
64	34.995	5430	5432	5439	VV	6	4599	124354	0.27%	0.045%
65	35.060	5439	5443	5446	VV	5	3967	76622	0.16%	0.028%
66	35.242	5470	5474	5483	VV	6	3668	132770	0.29%	0.048%
67	35.354	5483	5493	5496	VV	7	5802	184128	0.40%	0.067%
68	35.395	5496	5500	5505	VV	8	7346	212789	0.46%	0.077%
69	35.436	5505	5507	5509	VV	2	7294	92774	0.20%	0.034%
70	35.460	5509	5511	5517	VV	6	7332	201704	0.43%	0.073%
71	35.507	5517	5519	5529	VV	9	7310	253701	0.55%	0.092%
72	35.583	5529	5532	5539	VV	7	6662	170814	0.37%	0.062%
73	36.488	5680	5686	5693	VV	7	2388	53995	0.12%	0.020%
74	39.678	6224	6229	6235	PV	4	1411	17470	0.04%	0.006%

Sum of corrected areas: 276556583

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\051402\10985.D
Operator : Mclean
Acquired : 15 May 2002 12:06 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/10 kb
Misc Info :
Vial Number: 14
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051402\10985.D Vial: 14
Acq On : 15 May 2002 12:06 am Operator: Mclean
Sample : 5/10 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

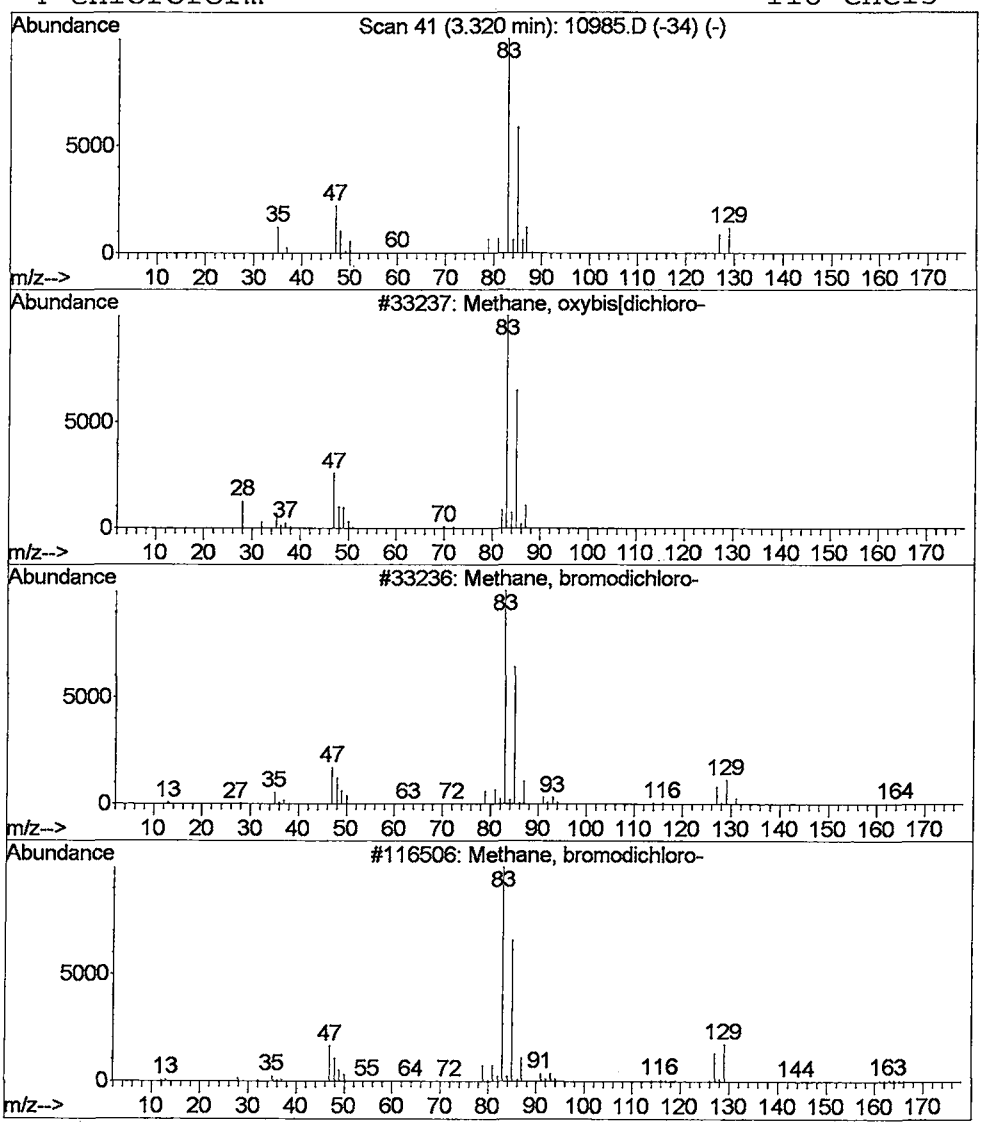
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

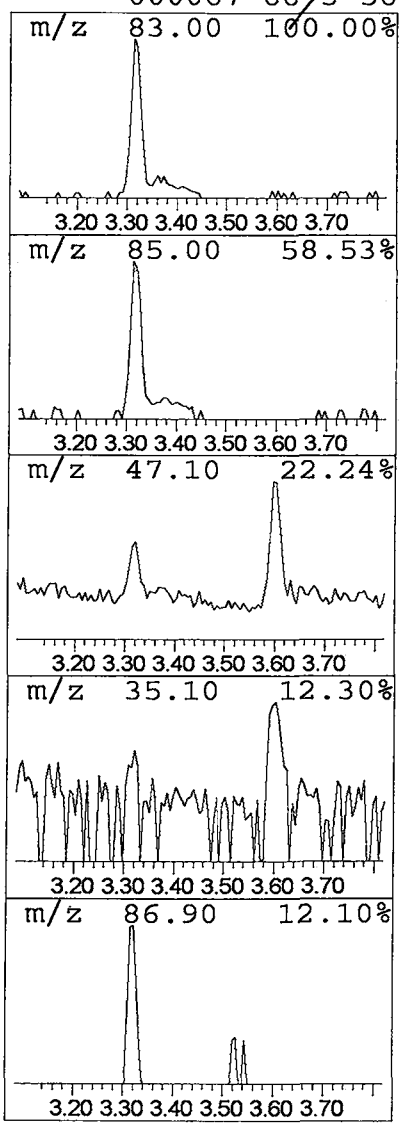
****

Peak Number 1 Methane, oxybis[dichloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	0.23 ug/L	183049	1,4-Dichlorobenzene-d4	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, oxybis[dichloro-	182	C2H2Cl4O	020524-86-1	78
2	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	72
3	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	56
4	Chloroform	118	CHCl3	000067-66-3	56





Library Search Compound Report

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Acq On : 15 May 2002 12:06 am
Sample : 5/10 kb
Misc :
MS Integration Params: LSCINT.e

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

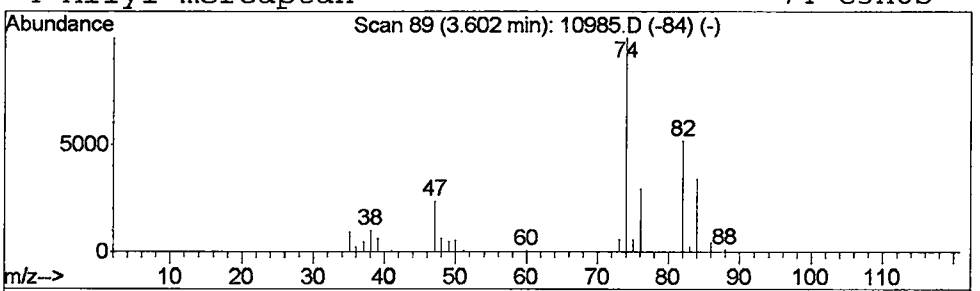
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

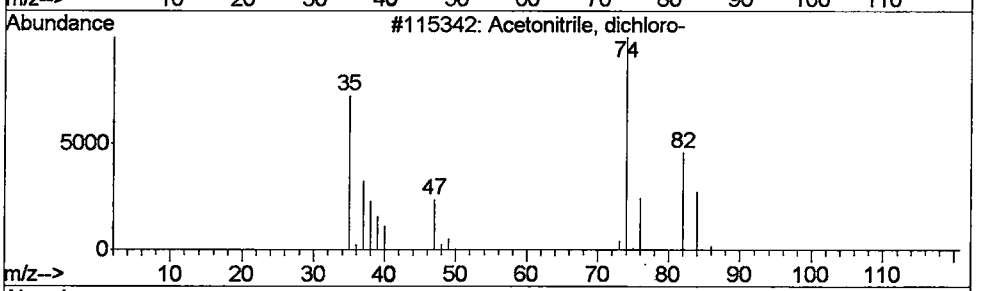
****

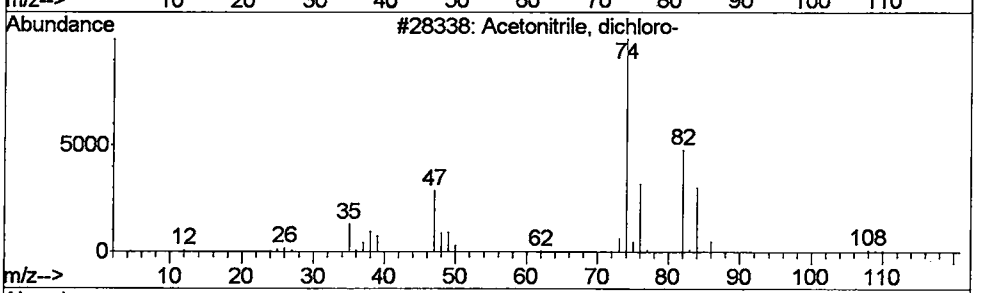
Peak Number 2 Acetonitrile, dichloro- Concentration Rank 2

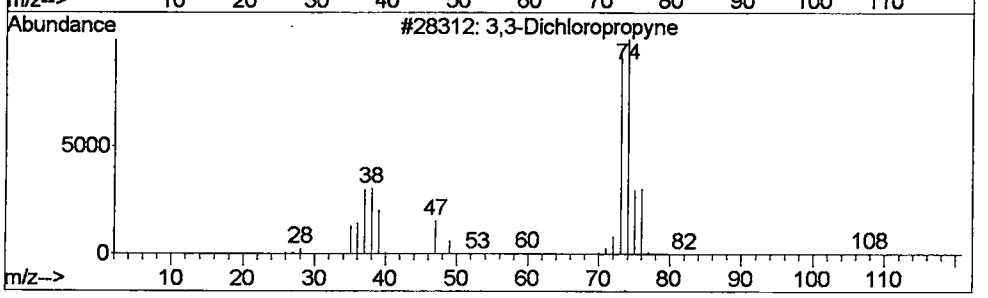
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	0.56 ug/L	442706	1,4-Dichlorobenzene-d4	9.93

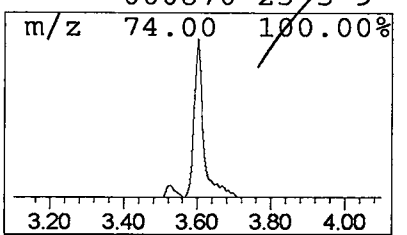
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	43
3	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	28
4	Allyl mercaptan	74	C3H6S	000870-23-5	9

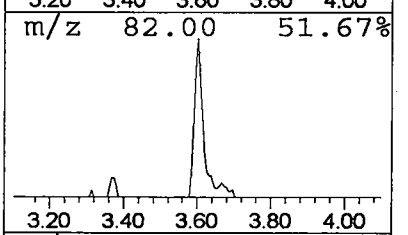


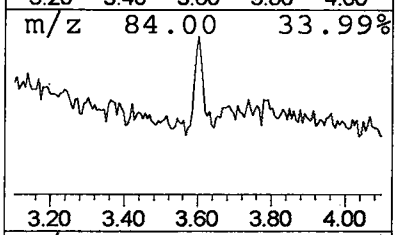


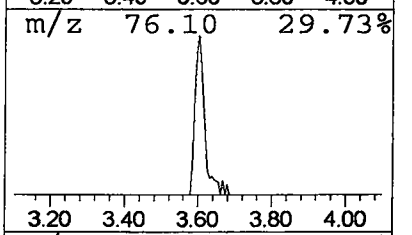


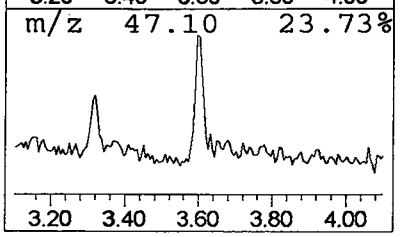












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\051402\10985.D Vial: 14
Acq On : 15 May 2002 12:06 am Operator: Mclean
Sample : 5/10 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

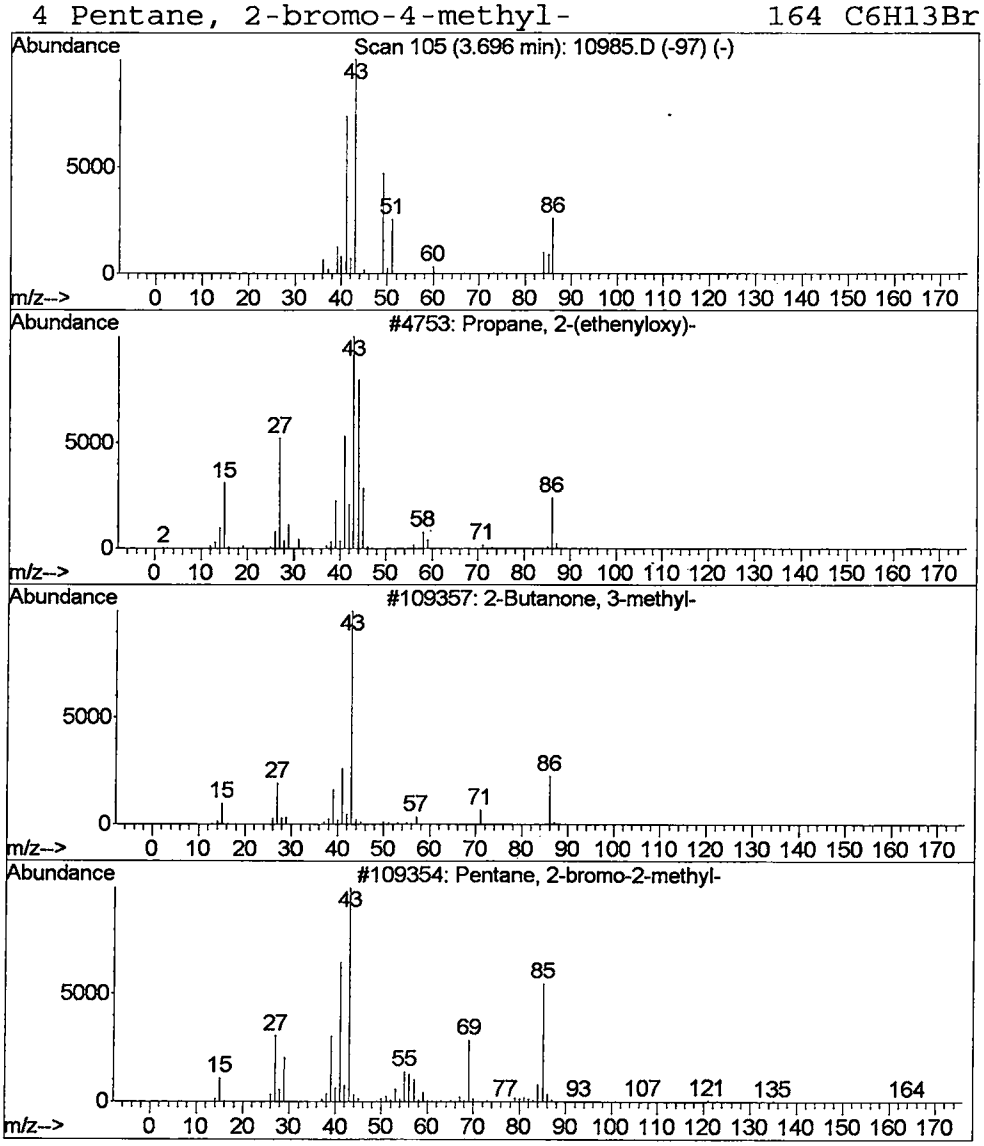
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

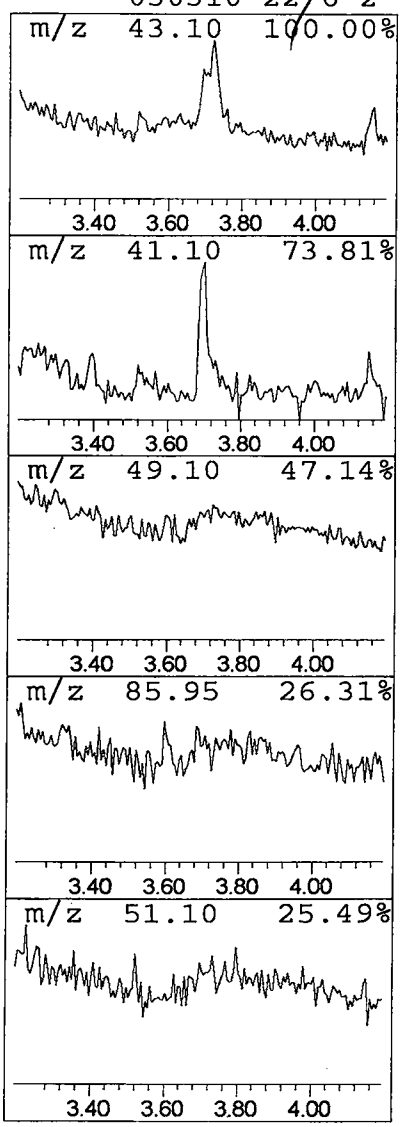
****

Peak Number 3 Propane, 2-(ethenyloxy)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	0.24 ug/L	187274	1,4-Dichlorobenzene-d4	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	9
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9
3	Pentane, 2-bromo-2-methyl-	164	C6H13Br	004283-80-1	2
4	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	2





Library Search Compound Report

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Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

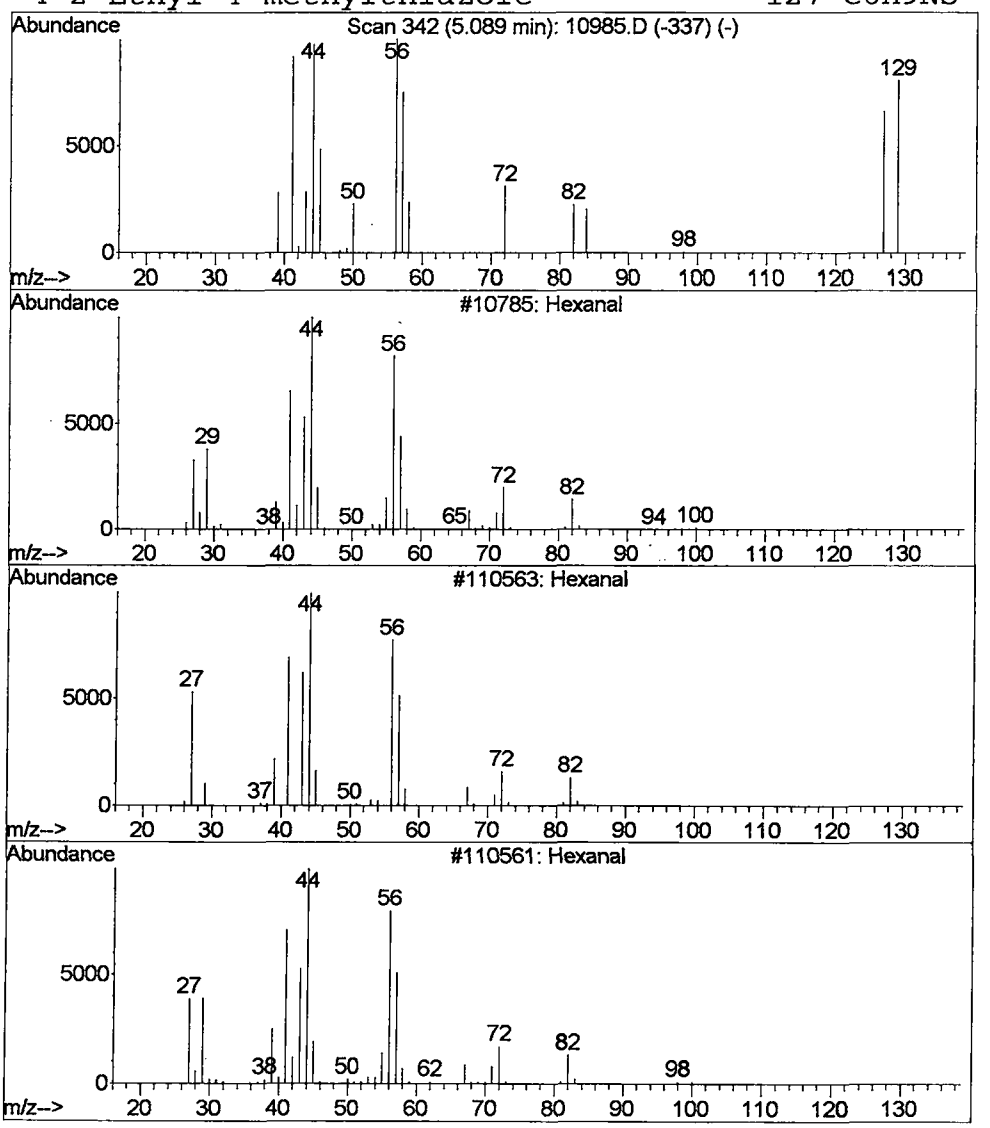
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

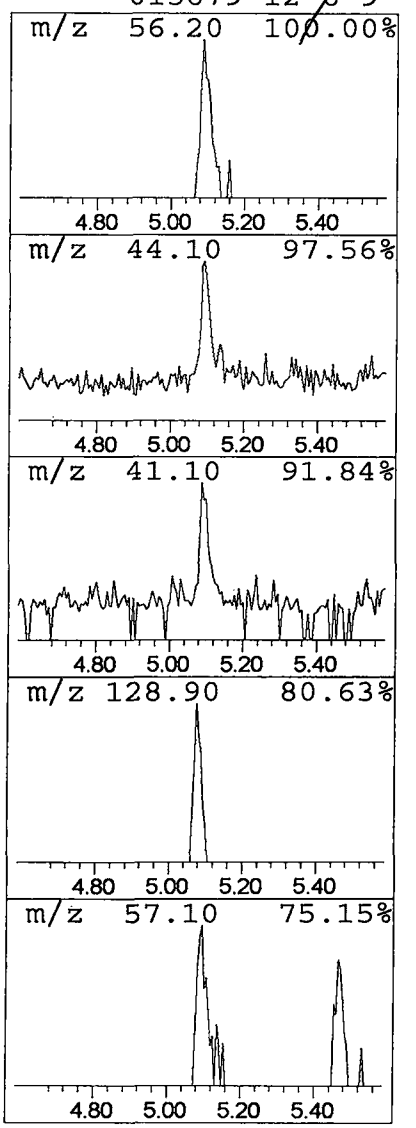
****

Peak Number 4 Hexanal — Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	0.24 ug/L	190482	1,4-Dichlorobenzene-d4	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	47
2	Hexanal	100	C6H12O	000066-25-1	43
3	Hexanal	100	C6H12O	000066-25-1	37
4	2-Ethyl-4-methylthiazole	127	C6H9NS	015679-12-6	9





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

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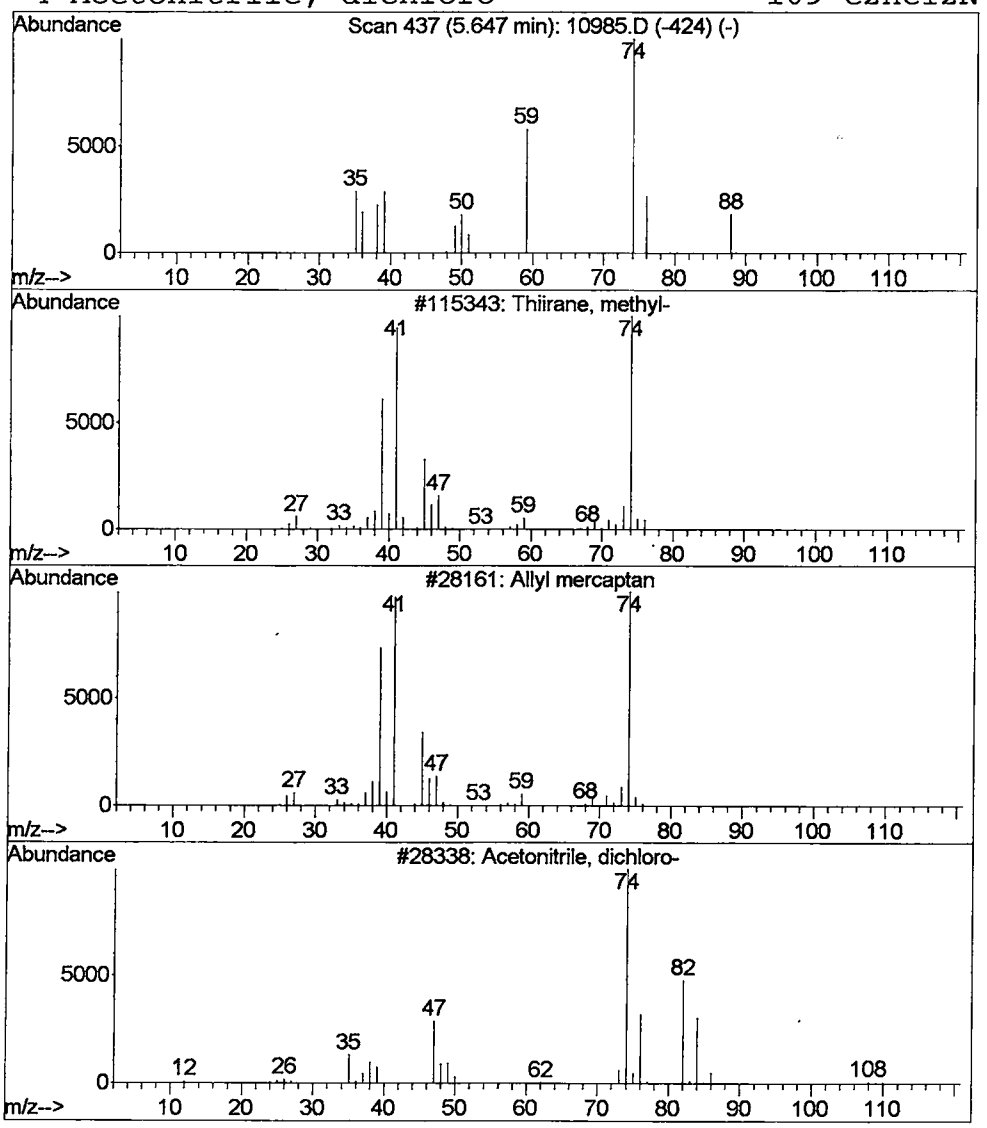
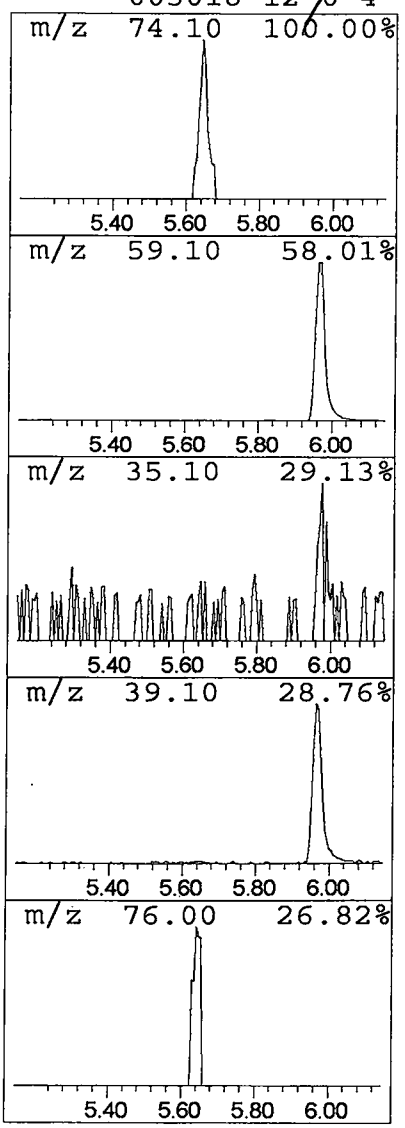
Peak Number 5 Thiirane, methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	0.21 ug/L	169697	1,4-Dichlorobenzene-d4	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiirane, methyl-	74	C3H6S	001072-43-1	4
2	Allyl mercaptan	74	C3H6S	000870-23-5	4
3	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	4
4	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	4





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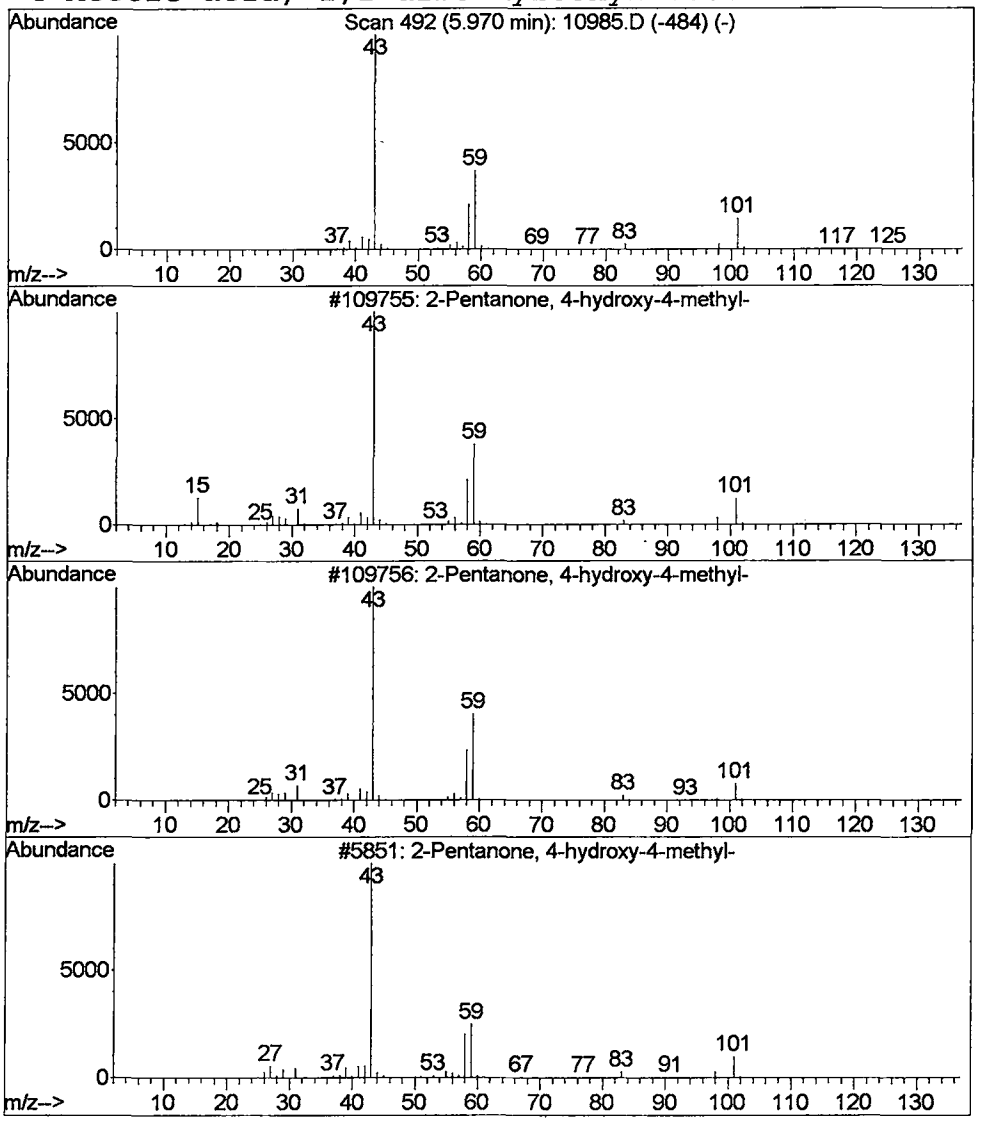
Library : C:\DATABASE\NIST98.L

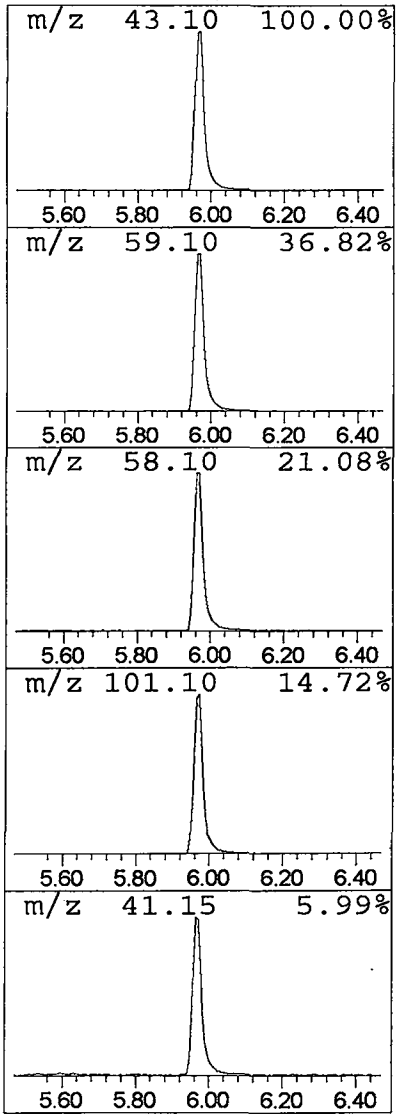
****

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	20.22 ug/L	16019600	1,4-Dichlorobenzene-d4	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	86
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





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

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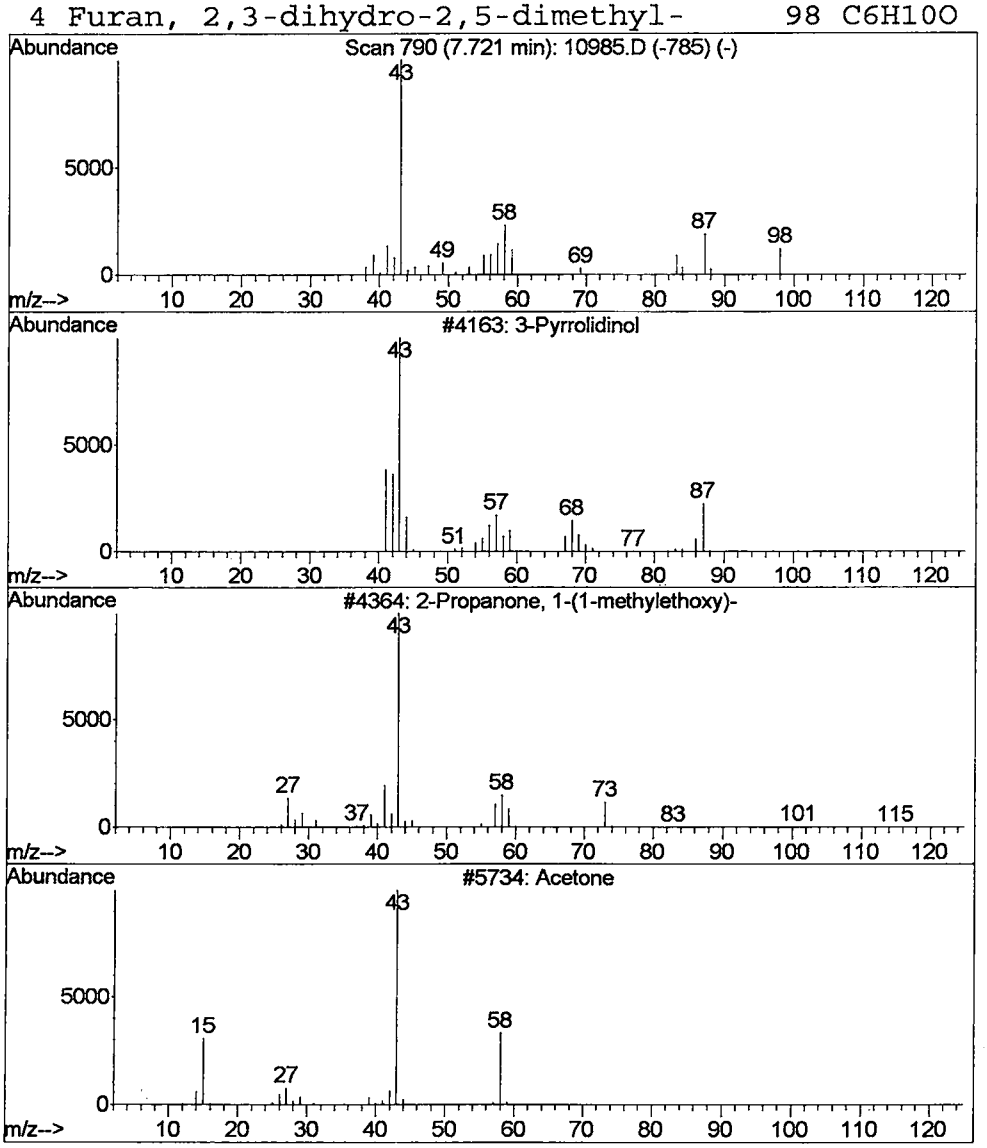
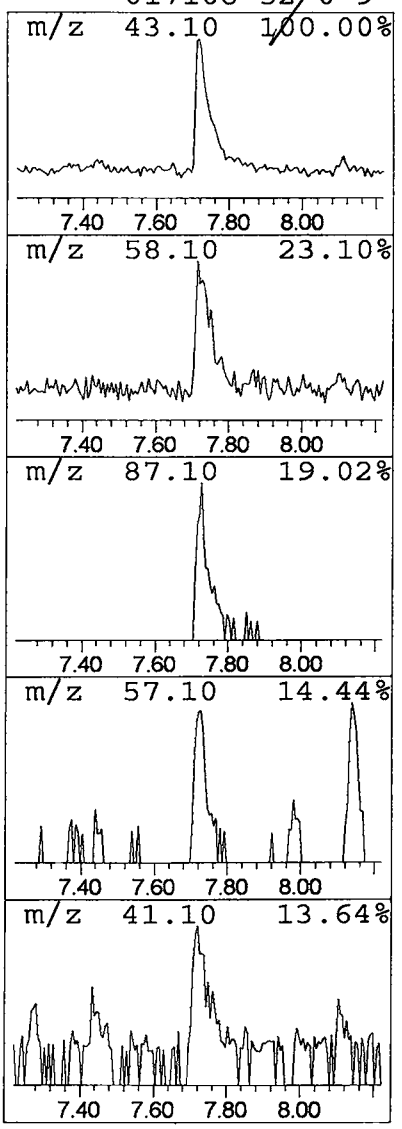
Peak Number 7 3-Pyrrolidinol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	0.50 ug/L	395378	1,4-Dichlorobenzene-d4	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyrrolidinol	87	C4H9NO	040499-83-0	32
2	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	16
3	Acetone	58	C3H6O	000067-64-1	9
4	Furan, 2,3-dihydro-2,5-dimethyl-	98	C6H10O	017108-52-0	9





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Library : C:\DATABASE\NIST98.L

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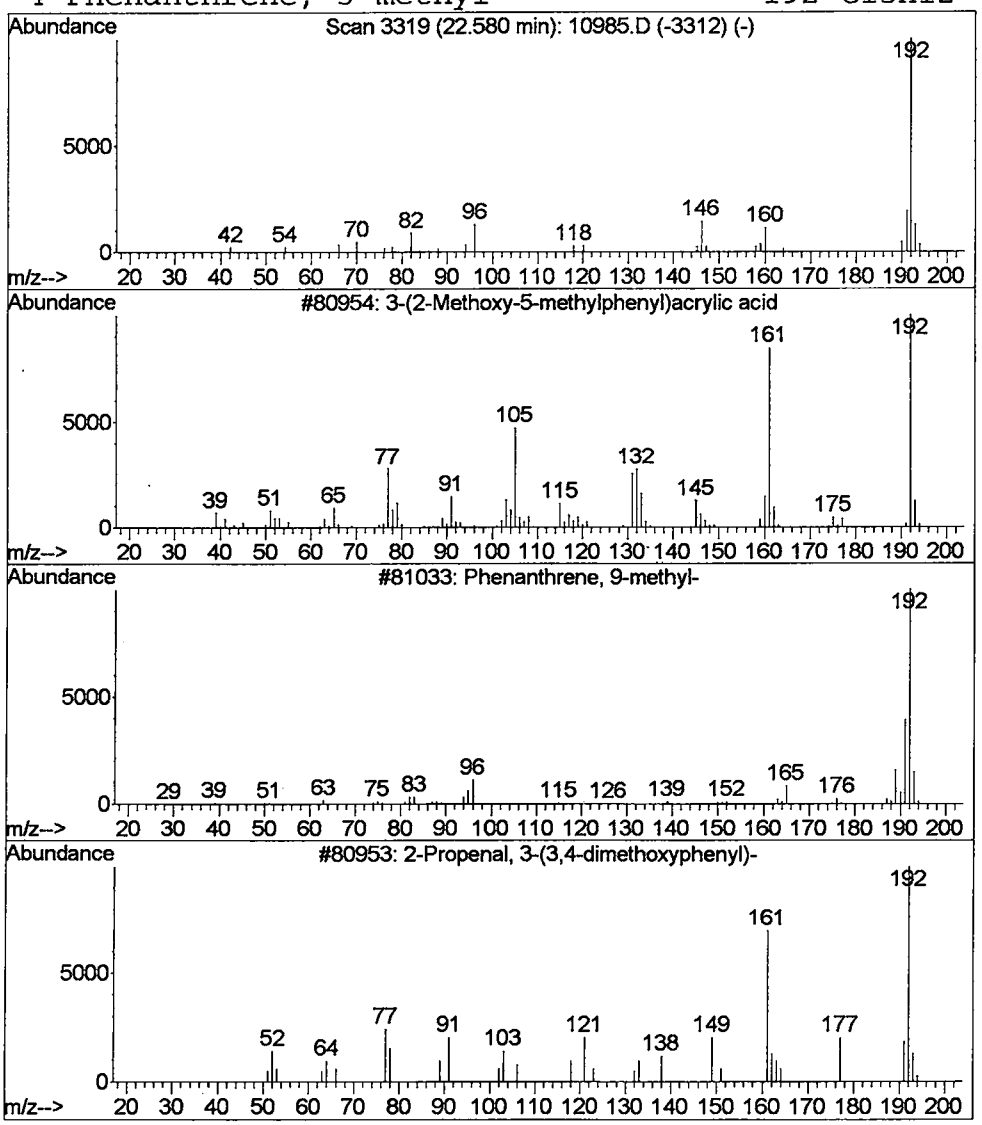
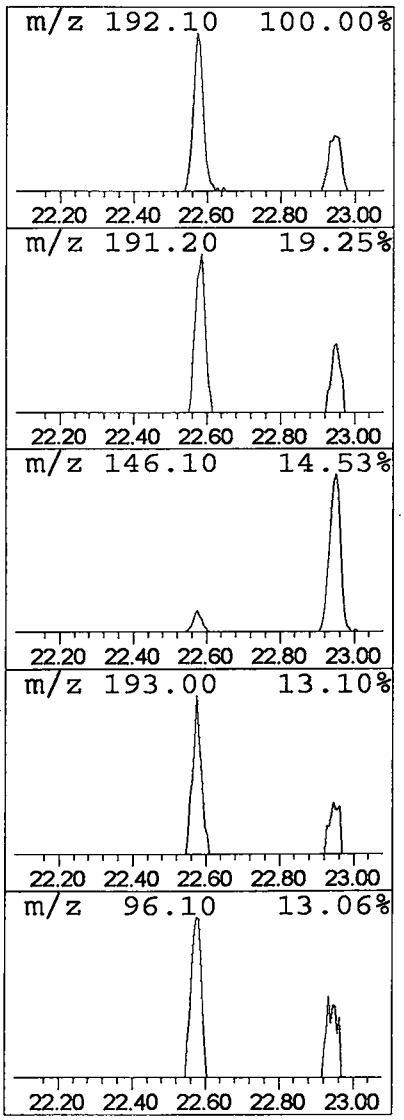
Peak Number 8 3-(2-Methoxy-5-methylphenyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.29 ug/L	318914	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	53
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	50
3	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	40





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

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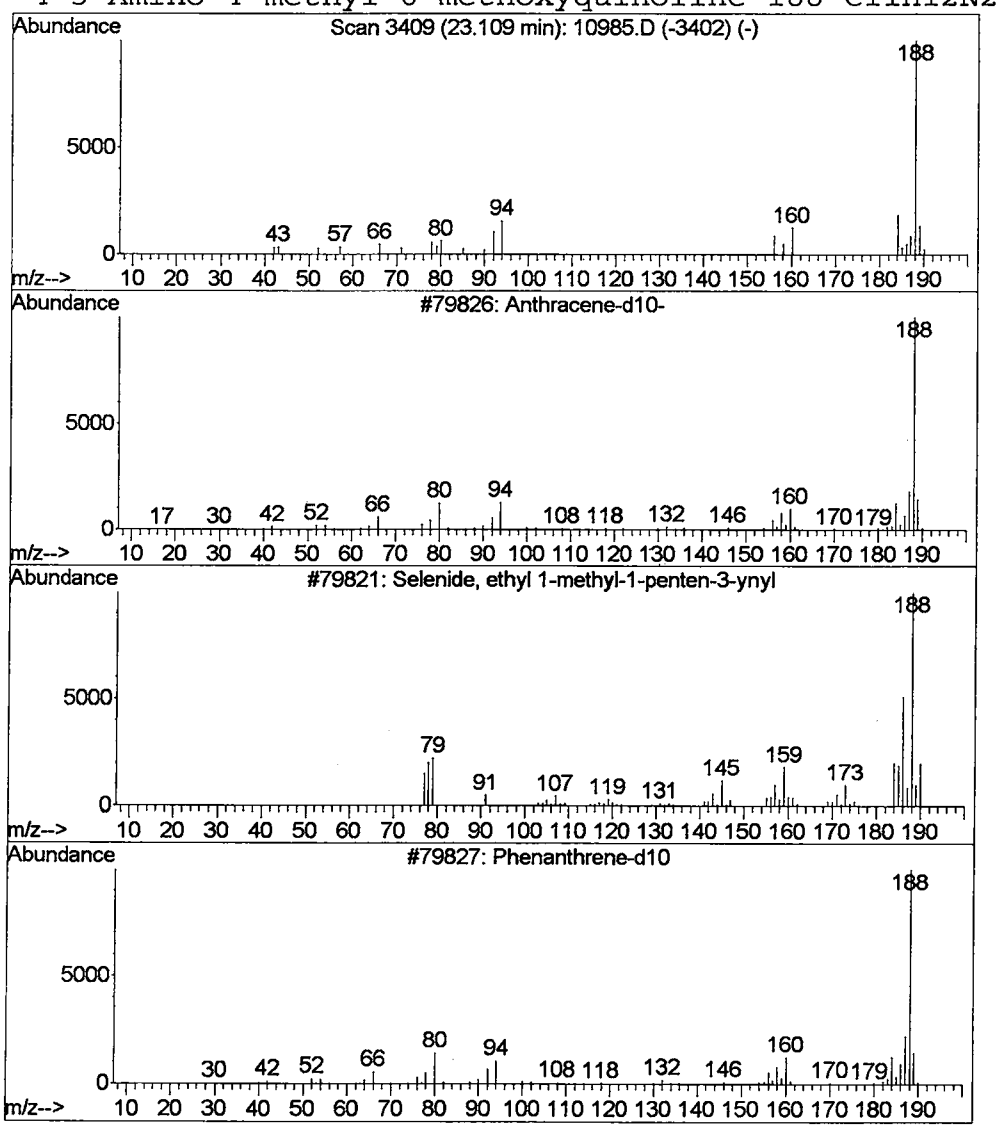
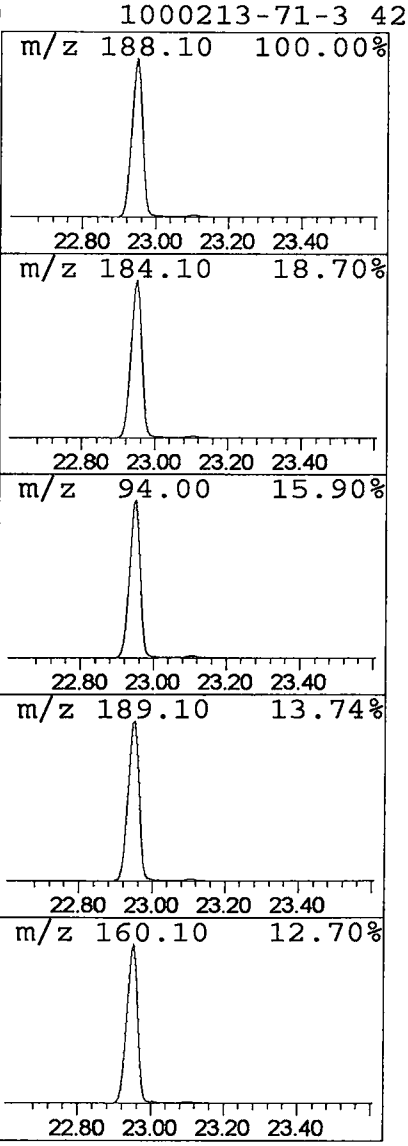
Peak Number 9 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.42 ug/L	470756	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	72
2	Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	59
3	Phenanthrene-d10	188	C14D10	001517-22-2	45
4	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	42





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

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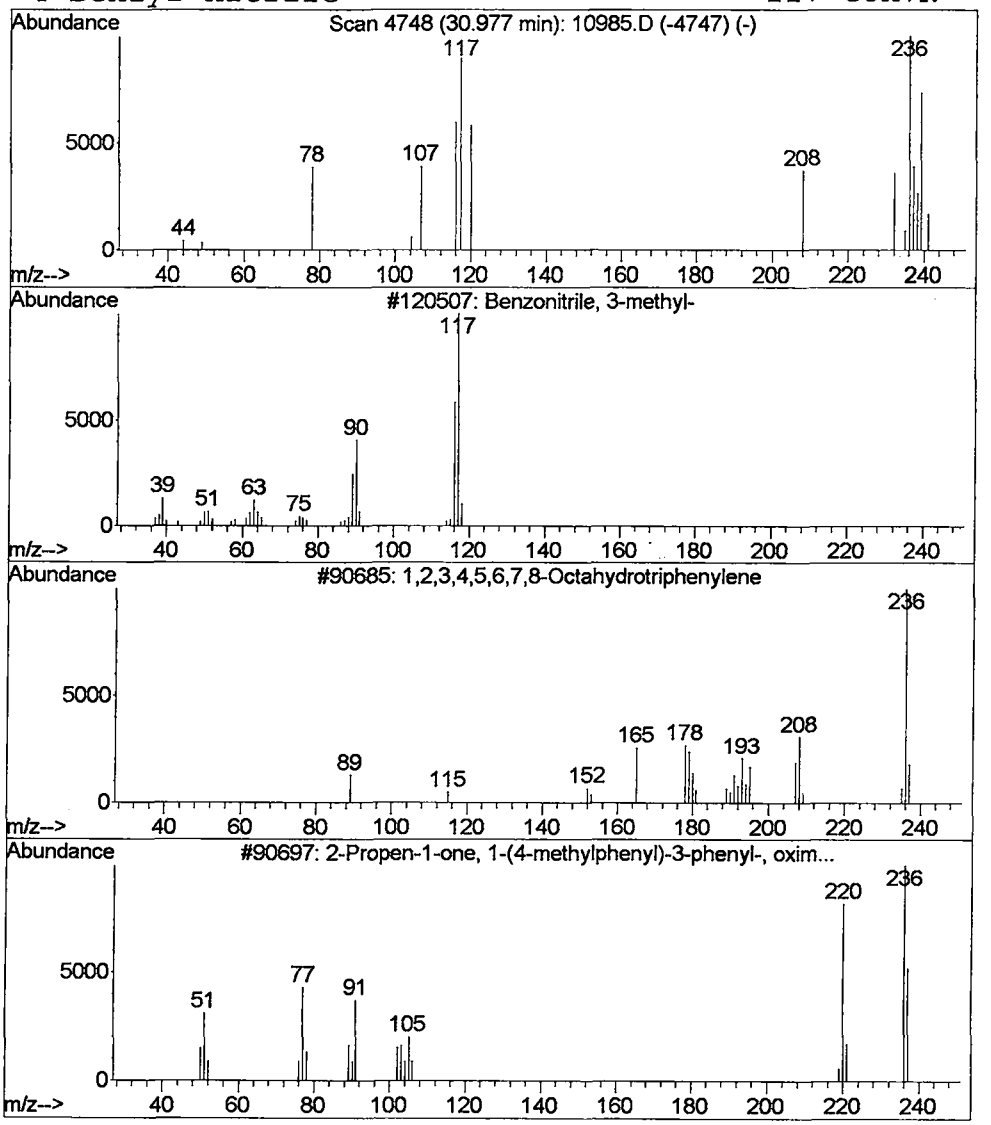
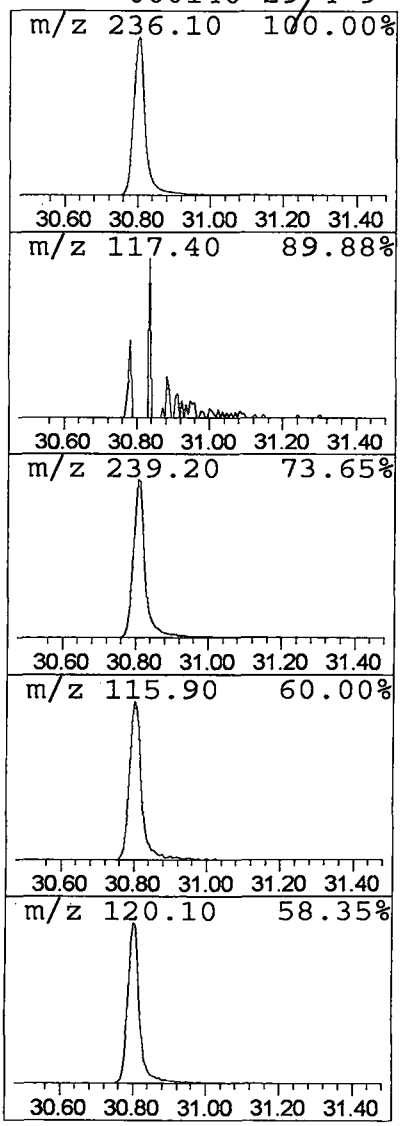
Peak Number 10 Benzonitrile, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.98	0.33 ug/L	294528	Chrysene-d12	30.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	9
2	1,2,3,4,5,6,7,8-Octahydrotriphen...	236	C18H20	013090-93-2	9
3	2-Propen-1-one, 1-(4-methylpheny...	237	C16H15NO	052939-91-0	9
4	Benzyl nitrile	117	C8H7N	000140-29-4	9





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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

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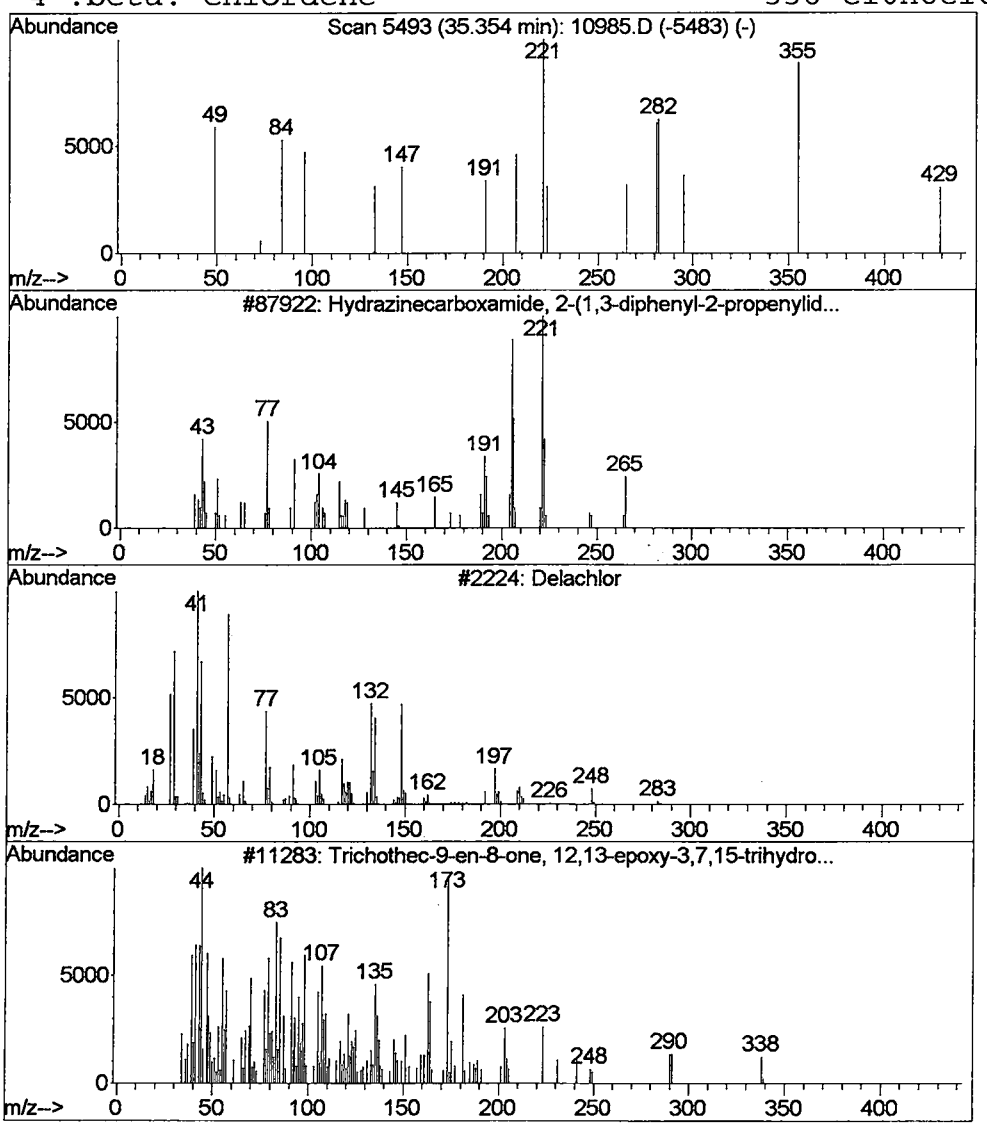
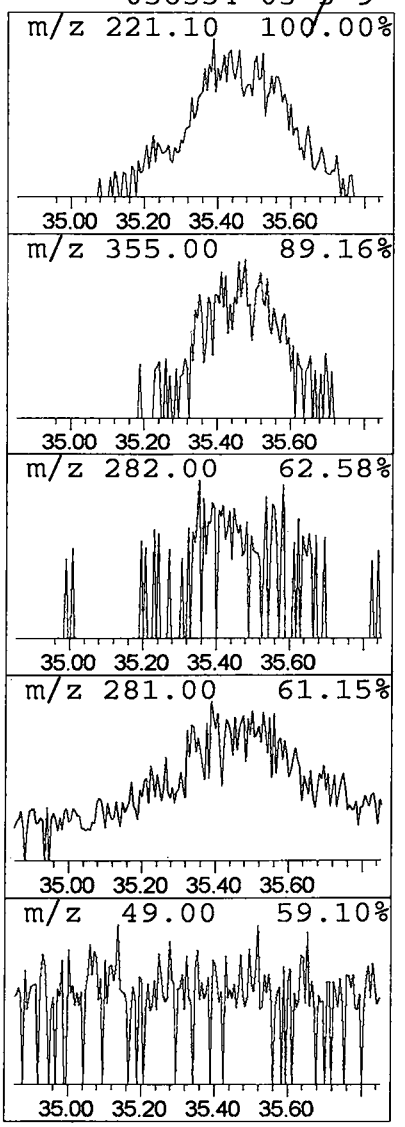
Peak Number 11 Hydrazinecarboxamide, 2-(1,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.35	0.28 ug/L	184128	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazinecarboxamide, 2-(1,3-dip...	265	C16H15N3O	016983-74-7	10
2	Delachlor	283	C15H22ClNO2	024353-58-0	10
3	Trichothec-9-en-8-one, 12,13-epo...	338	C17H22O7	054648-10-1	9
4	.beta.-Chlordene	336	C10H6Cl6	056534-03-3	9





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

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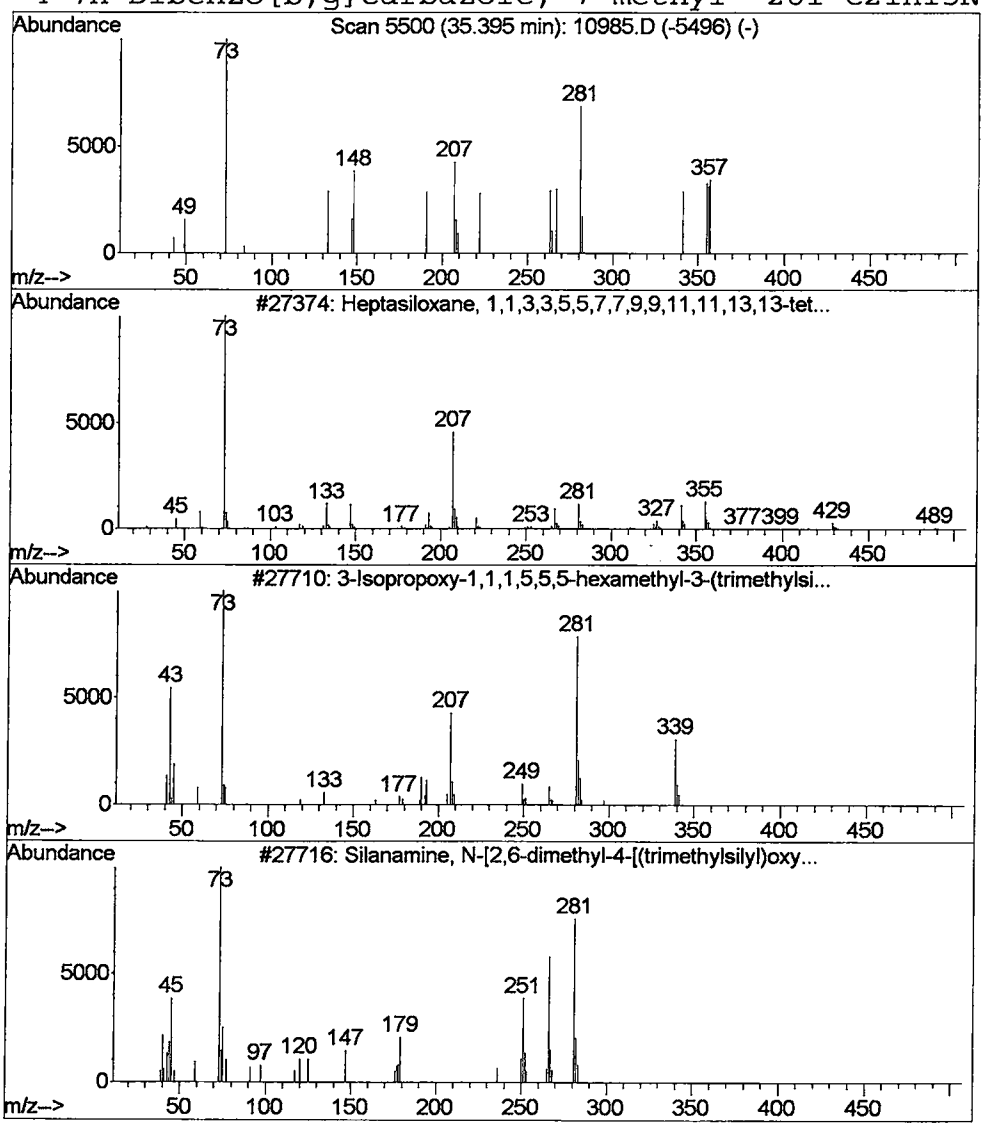
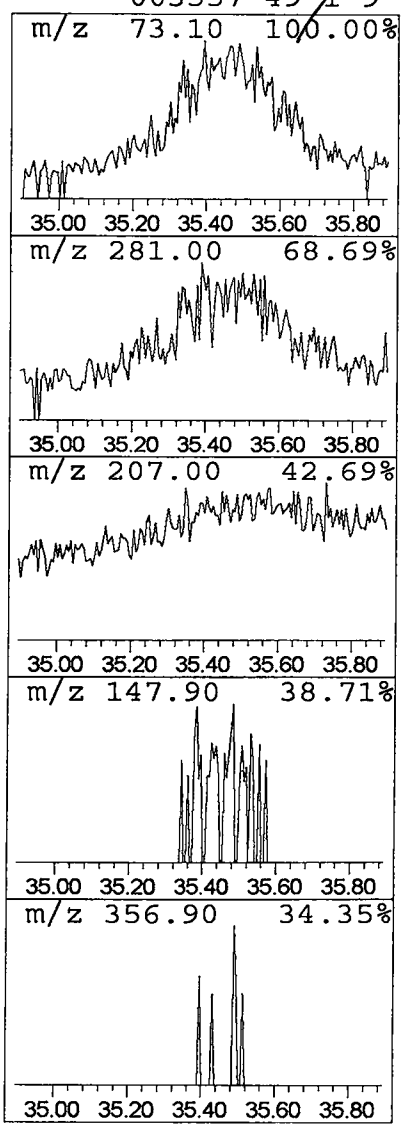
Peak Number 12 Heptasiloxane, 1,1,3,3,5,5,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.40	0.32 ug/L	212789	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	25
2	3-Isopropoxy-1,1,1,5,5,5-hexamet...	354	C12H34O4Si4	072182-11-7	22
3	Silanamine, N-[2,6-dimethyl-4-[(...	281	C14H27NOSi2	072088-09-6	10
4	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	9





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

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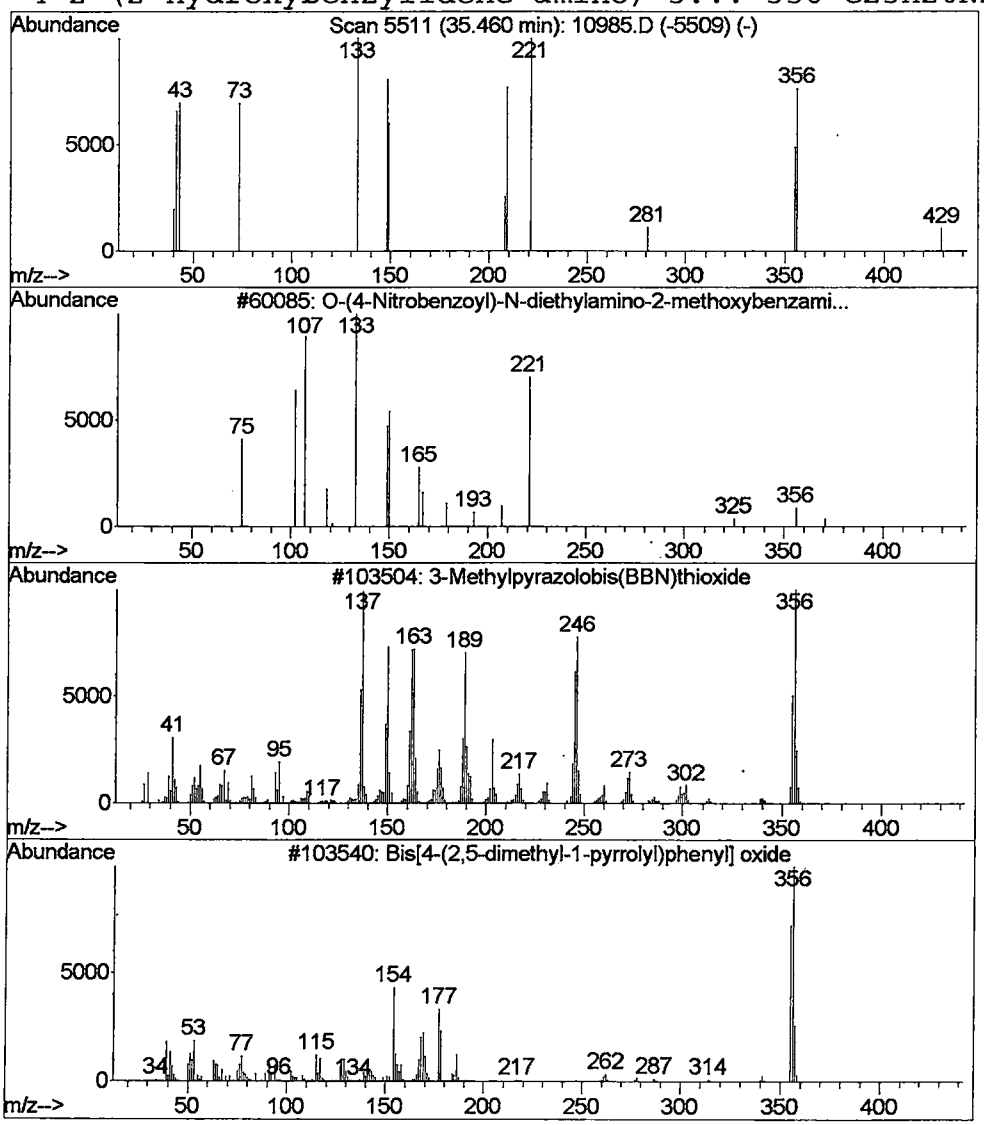
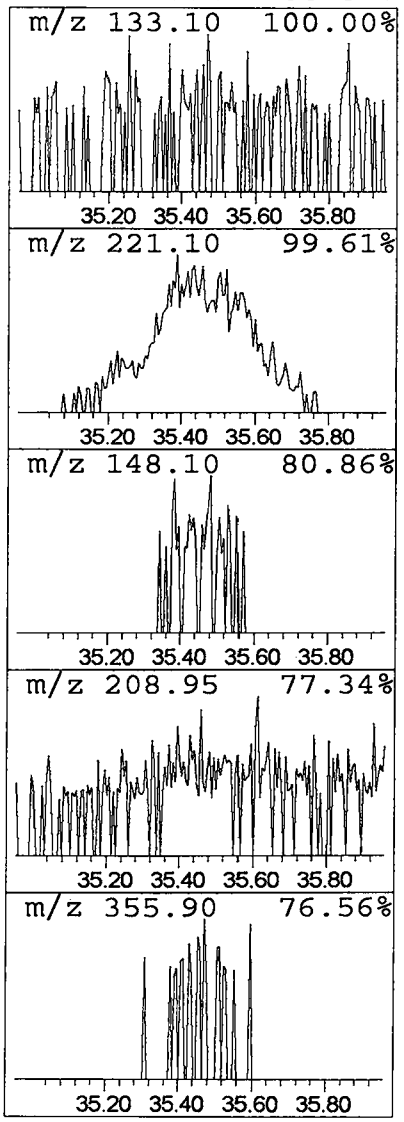
Peak Number 13 O-(4-Nitrobenzoyl)-N-diethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.46	0.30 ug/L	201704	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	O-(4-Nitrobenzoyl)-N-diethylamin...	371	C19H21N3O5	1000146-17-7	9
2	3-Methylpyrazolobis(BBN)thioxide	356	C20H34B2N2S	1000159-71-8	7
3	Bis[4-(2,5-dimethyl-1-pyrrolyl)p...	356	C24H24N2O	1000225-09-3	7
4	2-(2-Hydroxybenzylidene-amino)-3...	356	C23H20N2O2	1000147-86-3	7





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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

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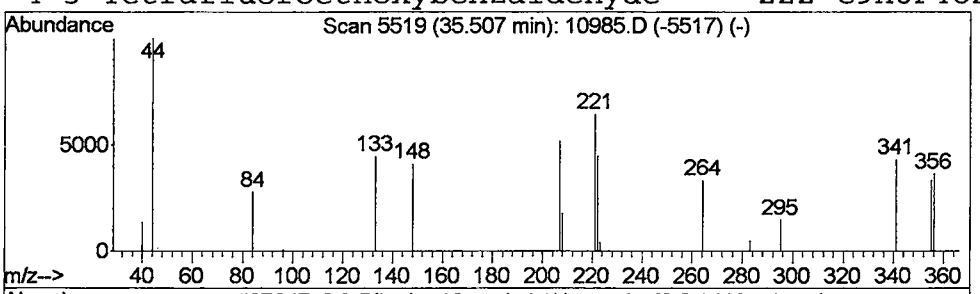
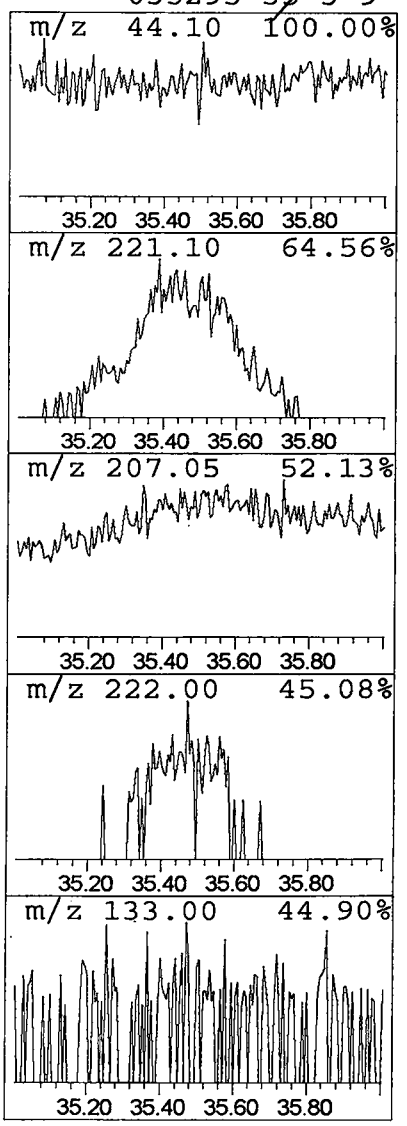
Peak Number 14 2,3-Dihydro-10-methyl-1H-py... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.51	0.38 ug/L	253701	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-10-methyl-1H-pyrazin...	222	C15H14N2	1000223-08-3	9
2	2-Benzylidene-coumaran-3-one	222	C15H10O2	1000147-86-0	9
3	Benzenamine, 5-fluoro-2-(4-fluor...	221	C12H9F2NO	020653-64-9	9
4	3-Tetrafluoroethoxybenzaldehyde	222	C9H6F4O2	035295-35-3	9





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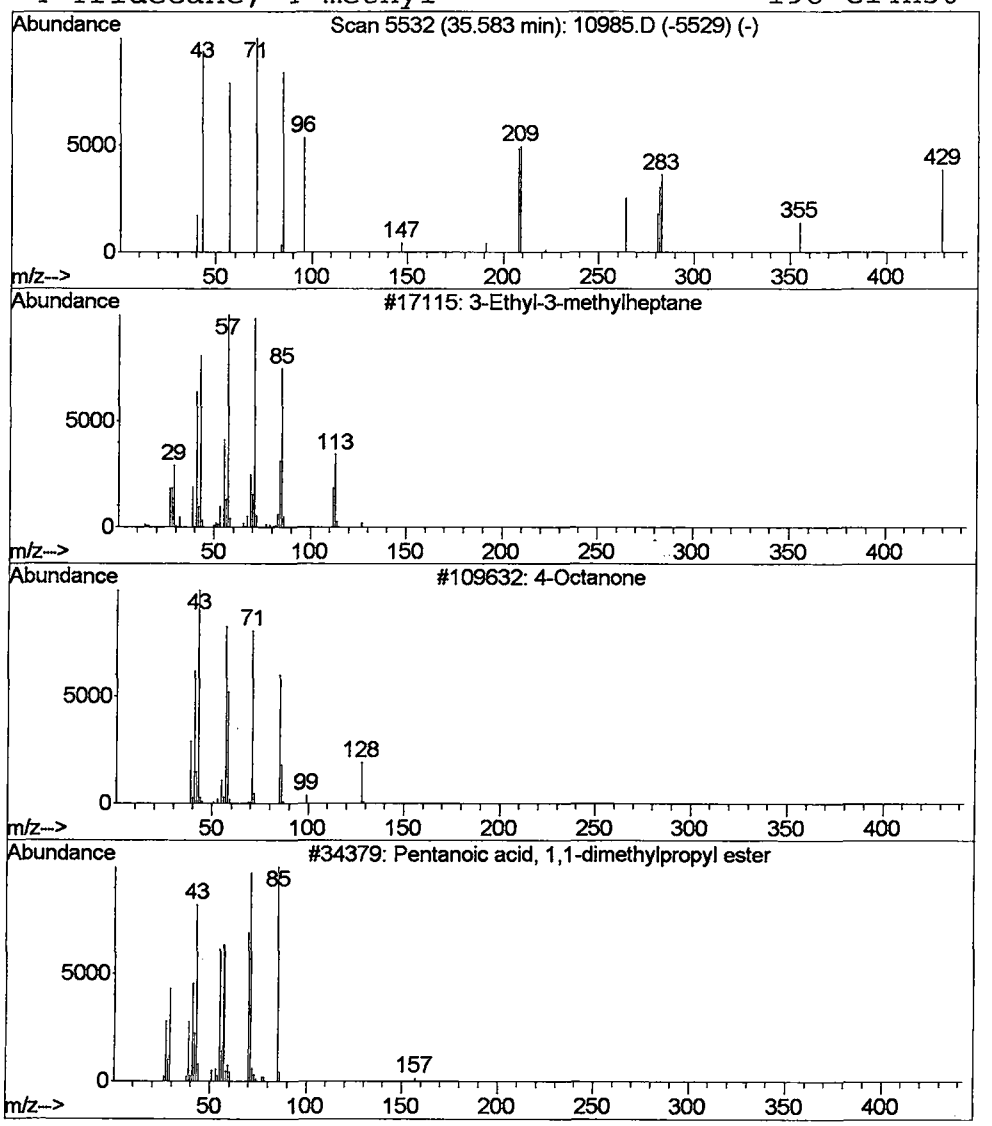
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

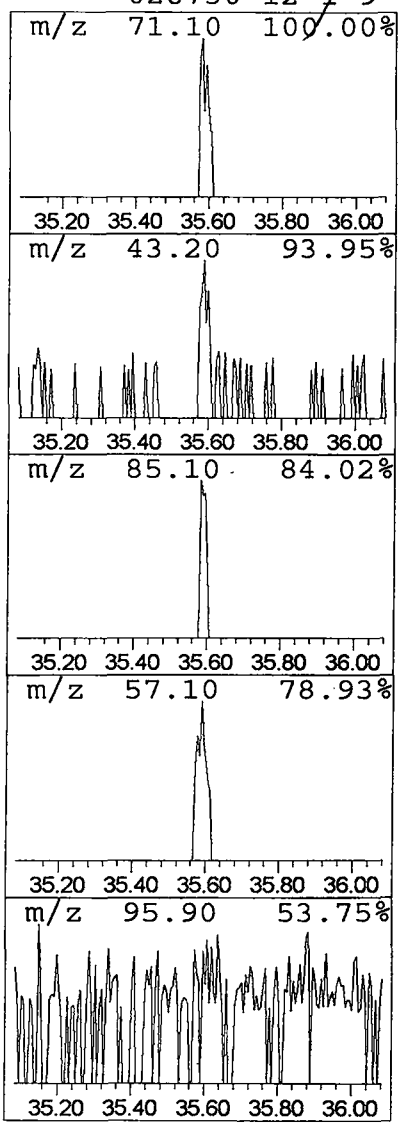
****

Peak Number 15 3-Ethyl-3-methylheptane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.58	0.26 ug/L	170814	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	12
2	4-Octanone	128	C8H16O	000589-63-9	9
3	Pentanoic acid, 1,1-dimethylprop...	172	C10H20O2	117421-32-6	9
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	9





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 15 May 2002 12:06 am
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Name: 5/10 kb
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
Methane, oxybis[d...	3.32	0.2	ug/L	183049	1	9.93	31698200	40.0
Acetonitrile, dic...	3.60	0.6	ug/L	442706	1	9.93	31698200	40.0
Propane, 2-(ethen...	3.70	0.2	ug/L	187274	1	9.93	31698200	40.0
Hexanal	5.09	0.2	ug/L	190482	1	9.93	31698200	40.0
Thiirane, methyl-	5.65	0.2	ug/L	169697	1	9.93	31698200	40.0
2-Pentanone, 4-hy...	5.97	20.2	ug/L	16019600	1	9.93	31698200	40.0
3-Pyrrolidinol	7.72	0.5	ug/L	395378	1	9.93	31698200	40.0
3-(2-Methoxy-5-me...	22.58	0.3	ug/L	318914	4	22.95	44421700	40.0
Anthracene-d10-	23.11	0.4	ug/L	470756	4	22.95	44421700	40.0
Benzonitrile, 3-m...	30.98	0.3	ug/L	294528	5	30.81	35563800	40.0
Hydrazinecarboxam...	35.35	0.3	ug/L	184128	6	34.71	26596700	40.0
Heptasiloxane, 1,...	35.40	0.3	ug/L	212789	6	34.71	26596700	40.0
O-(4-Nitrobenzoyl...	35.46	0.3	ug/L	201704	6	34.71	26596700	40.0
2,3-Dihydro-10-me...	35.51	0.4	ug/L	253701	6	34.71	26596700	40.0
3-Ethyl-3-methylh...	35.58	0.3	ug/L	170814	6	34.71	26596700	40.0