User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 14:28:10

Sample: AE10810
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/20/02 14:27 Ended: 5/20/02 14:27 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		101		10.0

Comments for Sample AE10810 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-20-2002 Time: 14:28:39

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\MSDCHEM\1\DATA\051402\10810.D Vial: 20
Acq On : 15 May 2002 5:50 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 12:38:18 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 12:34:41 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	6218267	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	24630009	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	13393440	40.00	ug/L	0.00
29) Phenanthranene-d10	22.95	188	18942147	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	13433250	40.00	ug/L	0.00
43) Perylene-d12	34.70	264	8975627	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	818888	10.07	ug/L	0.00
Spiked Amount 10.000			Recovery = 100.70%			
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	0.00	77	0	N.D.		
30) Nnitrosodiphenylamine	0.00	169	0	N.D.		
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	31378	N.D.		

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

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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	34099	N.D.	
41)	Bis(2-ethylhexyl)phthalate	31.38	149	23038	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)

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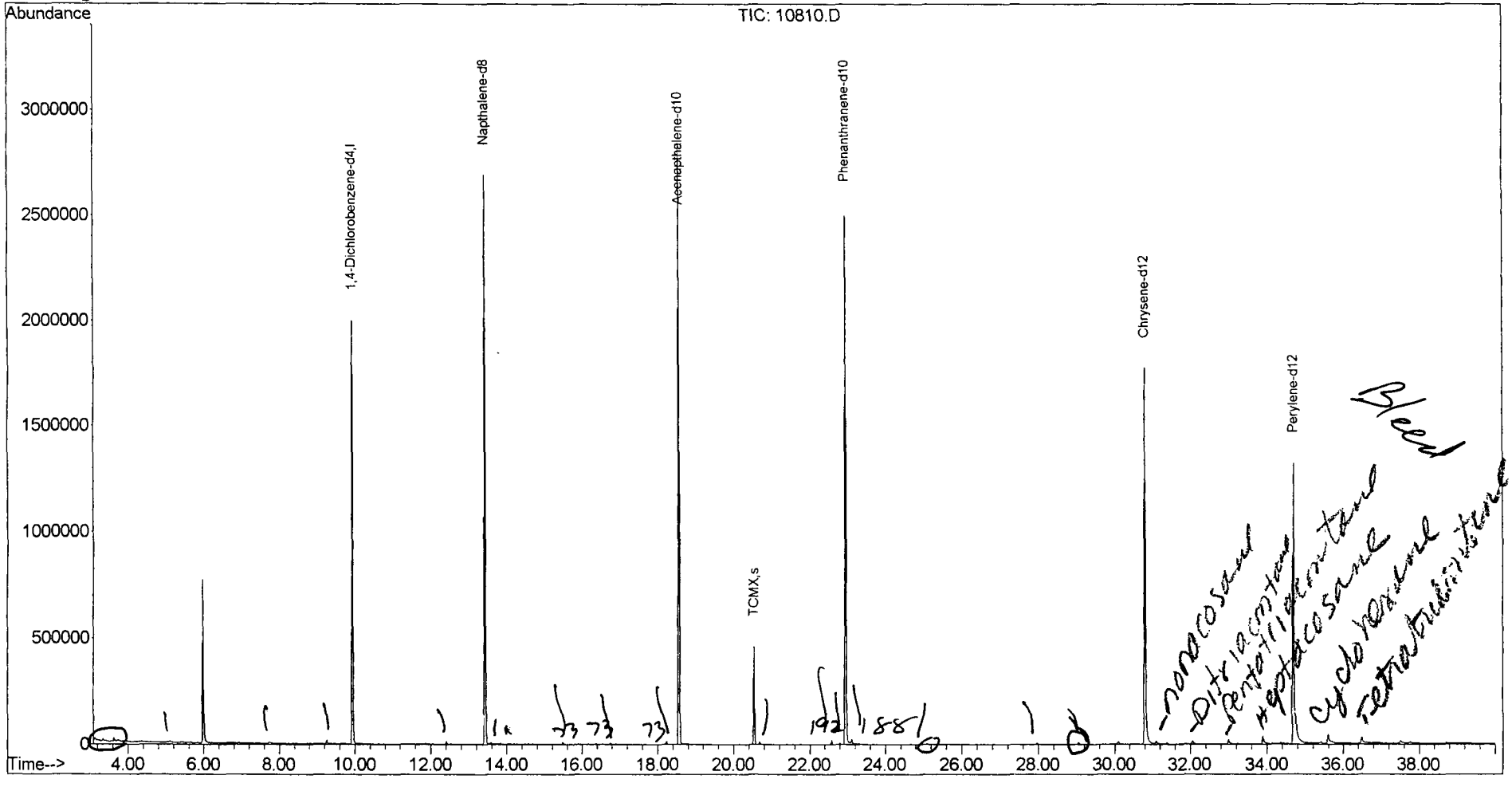

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Acq On : 15 May 2002 5:50 am Operator: Mclean
Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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

Signal : TIC

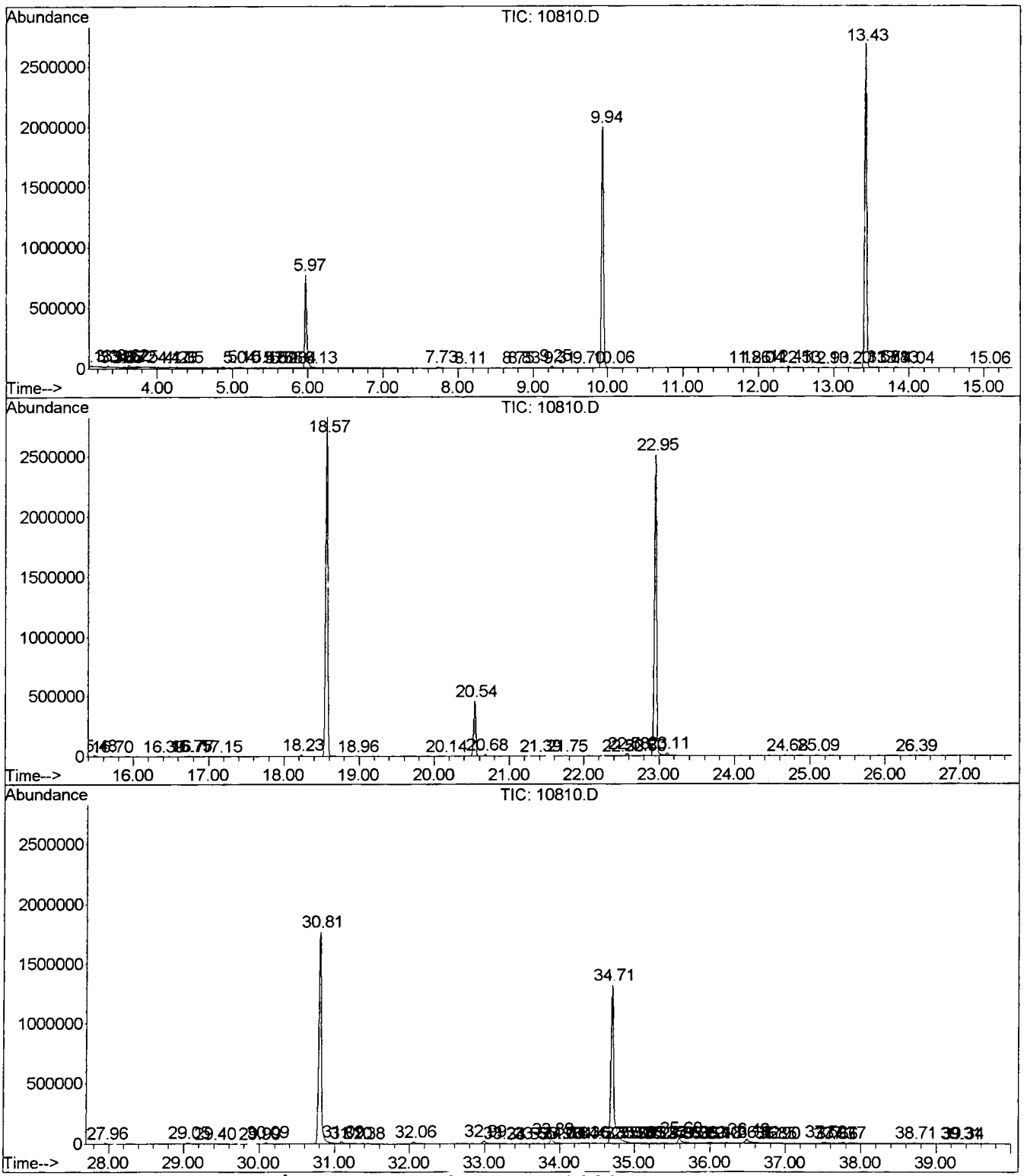
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.126	3	8	22	BV 4	6271	146591	0.27%	0.047%
2	3.344	39	45	50	PV 2	11499	179540	0.33%	0.058%
3	3.396	50	54	56	VV 4	4353	51430	0.09%	0.017%
4	3.549	75	80	81	PV 4	3258	50153	0.09%	0.016%
5	3.573	81	84	87	VV 3	3232	53070	0.10%	0.017%
6	3.626	87	93	100	VV 2	19322	365460	0.67%	0.117%
7	3.714	100	108	110	VV 6	7010	189851	0.35%	0.061%
8	3.749	110	114	121	VV 3	8875	225827	0.41%	0.072%
9	4.172	176	186	196	VV 7	4287	148707	0.27%	0.048%
10	4.254	196	200	212	VV 8	3730	119865	0.22%	0.038%
11	4.348	212	216	223	VV 5	3259	71183	0.13%	0.023%
12	5.042	328	334	340	VV 7	4227	93545	0.17%	0.030%
13	5.100	340	344	363	VV 8	7761	206963	0.38%	0.066%
14	5.418	391	398	404	VV 3	5387	131136	0.24%	0.042%
15	5.570	415	424	426	PV 8	2115	60666	0.11%	0.019%
16	5.594	426	428	434	VV 6	1997	43402	0.08%	0.014%
17	5.658	434	439	445	VV 7	4069	81027	0.15%	0.026%
18	5.841	467	470	475	VV 4	1989	35226	0.06%	0.011%
19	5.970	484	492	516	VV	745424	13222042	24.19%	4.243%
20	6.129	516	519	528	VB 7	1892	38147	0.07%	0.012%
21	7.733	787	792	808	VV 3	9005	274289	0.50%	0.088%
22	8.114	853	857	859	PV 4	1287	20124	0.04%	0.006%
23	8.749	960	965	971	VV 6	2789	56676	0.10%	0.018%
24	8.825	971	978	986	VV 6	3309	80662	0.15%	0.026%
25	9.254	1045	1051	1057	VV	17156	284297	0.52%	0.091%
26	9.307	1057	1060	1071	VV 6	1986	52908	0.10%	0.017%
27	9.695	1123	1126	1130	VV 3	1908	30636	0.06%	0.010%
28	9.936	1158	1167	1186	VV	2006264	37683054	68.95%	12.093%
29	10.065	1186	1189	1195	VV 7	1968	39348	0.07%	0.013%
30	11.863	1490	1495	1501	VV 6	3417	50659	0.09%	0.016%
31	12.039	1521	1525	1532	VV 4	2456	44841	0.08%	0.014%
32	12.410	1582	1588	1598	VV	13039	207506	0.38%	0.067%
33	12.527	1603	1608	1616	VV 3	2384	47641	0.09%	0.015%
34	12.903	1662	1672	1681	VV 4	1755	61511	0.11%	0.020%
35	13.197	1713	1722	1733	VV 4	2066	62672	0.11%	0.020%
36	13.432	1751	1762	1779	VV	2703914	50506969	92.41%	16.208%
37	13.579	1779	1787	1796	VV	8267	236823	0.43%	0.076%

39	13.828	1824	1829	1840	VV	4	6658	129815	0.24%	0.042%
40	14.043	1859	1866	1881	VV	4	2354	64574	0.12%	0.021%
41	15.059	2035	2039	2046	VV	3	2085	29536	0.05%	0.009%
42	15.482	2103	2111	2116	PV	2	9818	165665	0.30%	0.053%
43	15.700	2142	2148	2152	VV	2	2463	45095	0.08%	0.014%
44	16.387	2258	2265	2272	VV	4	1633	31255	0.06%	0.010%
45	16.746	2320	2326	2329	PV		5354	80468	0.15%	0.026%
46	16.769	2329	2330	2342	VV		3527	48806	0.09%	0.016%
47	17.151	2391	2395	2400	VV	3	1894	25195	0.05%	0.008%
48	18.232	2569	2579	2590	VV		14511	240728	0.44%	0.077%
49	18.567	2625	2636	2663	VV		2789297	54653957	100.00%	17.539%
50	18.967	2699	2704	2708	PV	2	2012	32030	0.06%	0.010%
51	20.142	2894	2904	2913	VV	4	2721	58702	0.11%	0.019%
52	20.535	2957	2971	2984	VV	2	449941	8120386	14.86%	2.606%
53	20.682	2988	2996	3003	VV		12322	201277	0.37%	0.065%
54	21.393	3112	3117	3127	VV	4	2569	39446	0.07%	0.013%
55	21.752	3172	3178	3189	PV	3	1687	32104	0.06%	0.010%
56	22.498	3300	3305	3311	PV	2	1693	28248	0.05%	0.009%
57	22.574	3311	3318	3329	VV	2	22273	412416	0.75%	0.132%
58	22.798	3345	3356	3362	VV	2	6391	112533	0.21%	0.036%
59	22.956	3371	3383	3403	PV	2	2484754	51731218	94.65%	16.601%
60	23.109	3403	3409	3421	VV	2	22239	485952	0.89%	0.156%
61	24.678	3666	3676	3681	VV	3	3602	69003	0.13%	0.022%
62	25.095	3738	3747	3759	PV	3	3720	79430	0.15%	0.025%
63	26.393	3961	3968	3976	VV	3	3169	54533	0.10%	0.017%
64	27.962	4226	4235	4244	PV	7	5984	132773	0.24%	0.043%
65	29.049	4405	4420	4431	PV	4	8541	182459	0.33%	0.059%
66	29.396	4471	4479	4485	BV	3	2529	40870	0.07%	0.013%
67	29.989	4572	4580	4586	VV	6	2256	53655	0.10%	0.017%
68	30.095	4586	4598	4622	VV	4	12307	389371	0.71%	0.125%
69	30.806	4702	4719	4760	PV	2	1767305	41963758	76.78%	13.466%
70	31.094	4760	4768	4784	VV	3	15013	528494	0.97%	0.170%
71	31.194	4784	4785	4794	VV	4	2429	44028	0.08%	0.014%
72	31.376	4808	4816	4828	PV	4	5981	128015	0.23%	0.041%
73	32.057	4923	4932	4972	VV	2	16135	516617	0.95%	0.166%
74	32.992	5079	5091	5117	PV	2	21263	654879	1.20%	0.210%
75	33.233	5123	5132	5144	VV	3	4197	115494	0.21%	0.037%
76	33.550	5175	5186	5194	VV	8	1845	52788	0.10%	0.017%
77	33.644	5194	5202	5208	PV	4	2018	40771	0.07%	0.013%
78	33.891	5233	5244	5258	PV	2	36672	1118761	2.05%	0.359%
79	33.985	5258	5260	5267	VV	5	5463	137603	0.25%	0.044%
80	34.032	5267	5268	5277	VV	5	3551	82386	0.15%	0.026%
81	34.367	5315	5325	5331	VV	5	6609	172155	0.31%	0.055%
82	34.431	5331	5336	5344	VV	5	3429	91737	0.17%	0.029%
83	34.519	5348	5351	5354	VV	4	3405	58424	0.11%	0.019%
84	34.707	5371	5383	5431	PV	2	1311538	35598379	65.13%	11.424%
85	34.995	5431	5432	5434	VV	2	6737	74907	0.14%	0.024%
86	35.019	5434	5436	5441	VV	5	6694	147411	0.27%	0.047%
87	35.066	5441	5444	5453	VV	9	6035	211013	0.39%	0.068%

90	35.371	5490	5496	5498	VV	6	4783	114021	0.21%	0.037%
91	35.412	5498	5503	5510	VV	3	10482	266992	0.49%	0.086%
92	35.595	5522	5534	5546	VV	2	42353	1416185	2.59%	0.454%
93	35.689	5546	5550	5579	VV	2	12444	811759	1.49%	0.260%
94	35.888	5579	5584	5588	VV	6	5175	142999	0.26%	0.046%
95	35.924	5588	5590	5593	VV	4	5527	75638	0.14%	0.024%
96	36.100	5618	5620	5622	VV	3	4247	55529	0.10%	0.018%
97	36.129	5622	5625	5633	VV	9	4888	155235	0.28%	0.050%
98	36.494	5675	5687	5706	VV	3	31382	1243488	2.28%	0.399%
99	36.623	5706	5709	5728	VV	10	6792	370827	0.68%	0.119%
100	36.852	5739	5748	5753	VV	8	4337	181653	0.33%	0.058%
101	36.899	5753	5756	5761	VV	6	4615	120107	0.22%	0.039%
102	37.516	5845	5861	5878	VV	8	13405	669162	1.22%	0.215%
103	37.628	5878	5880	5884	VV	3	4511	83878	0.15%	0.027%
104	37.657	5884	5885	5887	VV	2	4262	43835	0.08%	0.014%
105	37.769	5887	5904	5920	VV	2	7742	551891	1.01%	0.177%
106	38.714	6058	6065	6072	VV	8	3995	120076	0.22%	0.039%
107	39.314	6158	6167	6169	PV	6	2562	52698	0.10%	0.017%
108	39.337	6169	6171	6178	VV	7	2915	57715	0.11%	0.019%

Sum of corrected areas: 311621133

File : C:\MSDCHEM\1\DATA\051402\10810.D
Operator : Mclean
Acquired : 15 May 2002 5:50 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/7 kb
Misc Info :
Vial Number: 20
Quant File :050102.RES (Chemstation Integrator)



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MS Integration Params: LSCINT.e

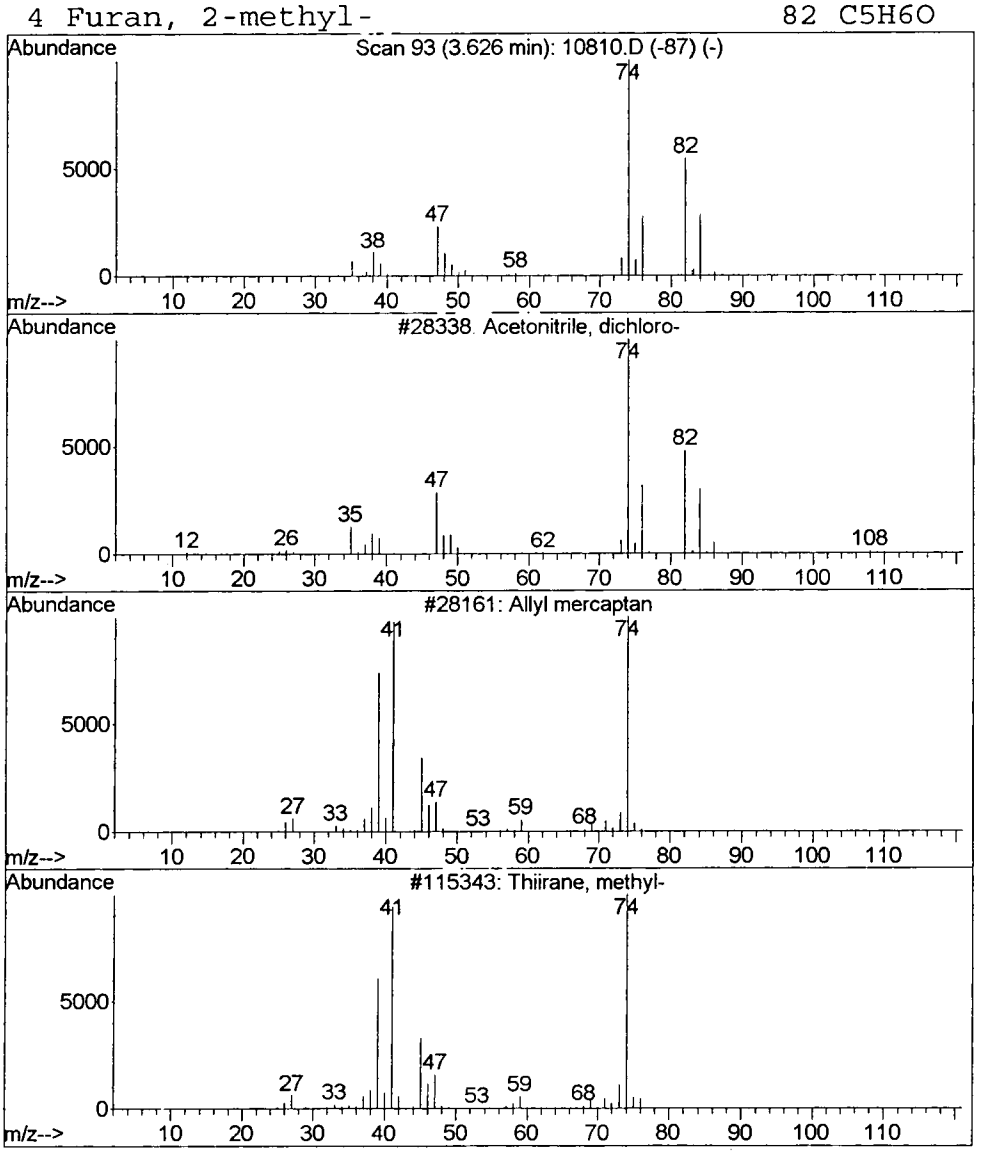
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

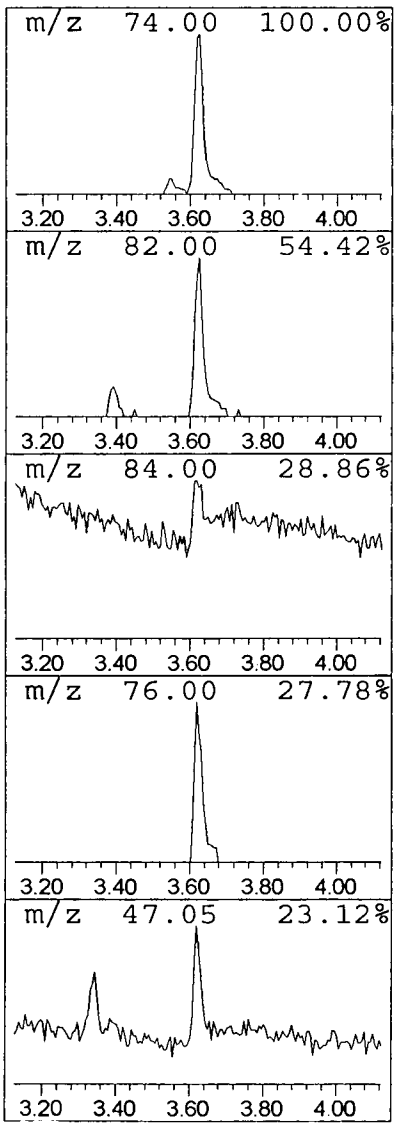
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.39 ug/L	365460	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	74
2	Allyl mercaptan	74	C3H6S	000870-23-5	9
3	Thiirane, methyl-	74	C3H6S	001072-43-1	5
4	Furan, 2-methyl-	82	C5H6O	000534-22-5	5





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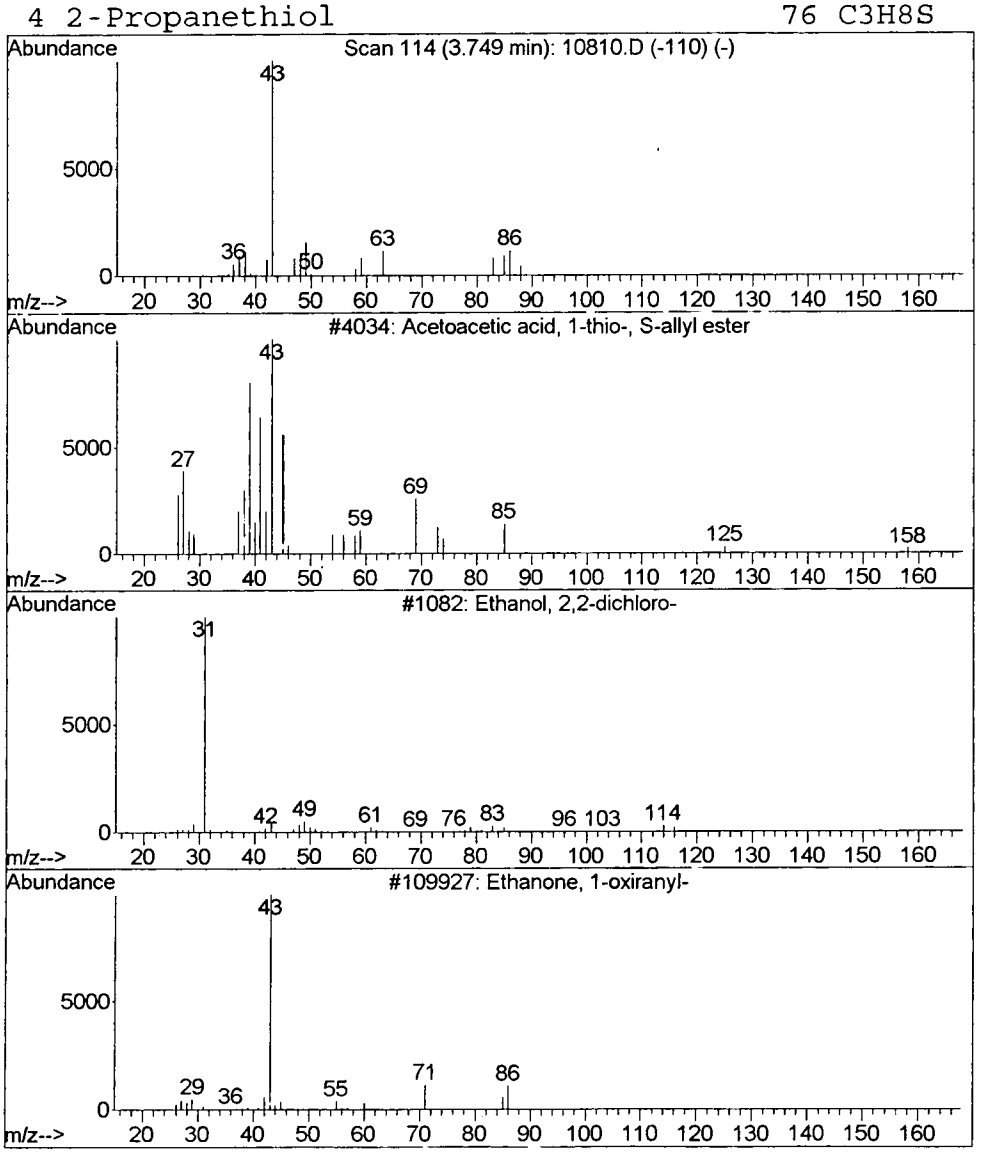
Library : C:\DATABASE\NIST98.L

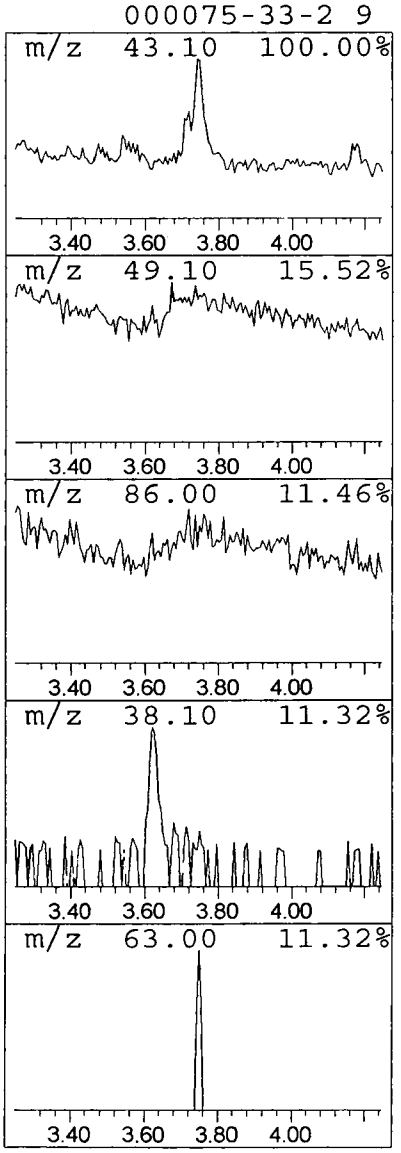
****

Peak Number 2 Acetoacetic acid, 1-thio-, ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	0.24 ug/L	225827	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetoacetic acid, 1-thio-, S-all...	158	C7H10O2S	015780-65-1	17
2	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	10
3	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	9
4	2-Propanethiol	76	C3H8S	000075-33-2	9





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Sample : 5/7 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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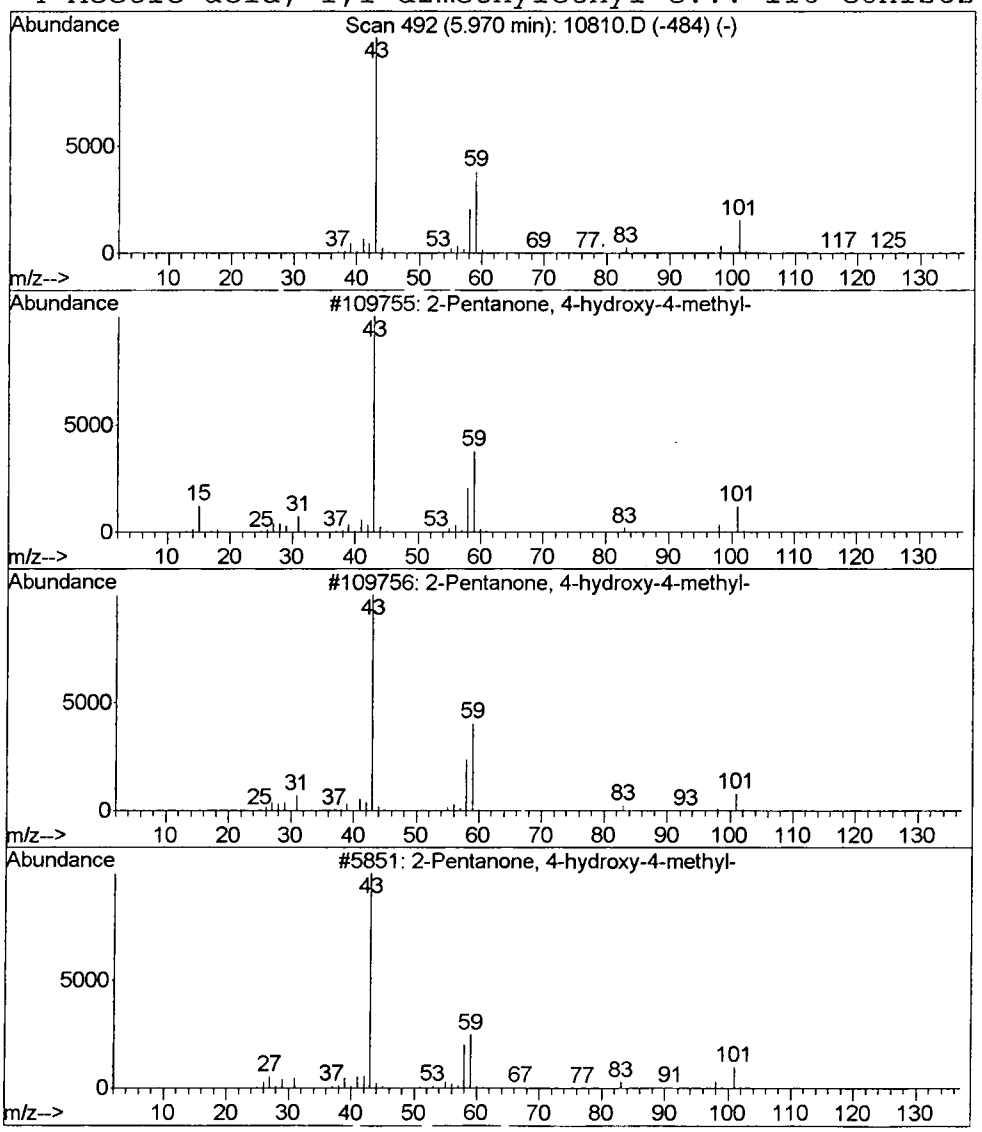
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

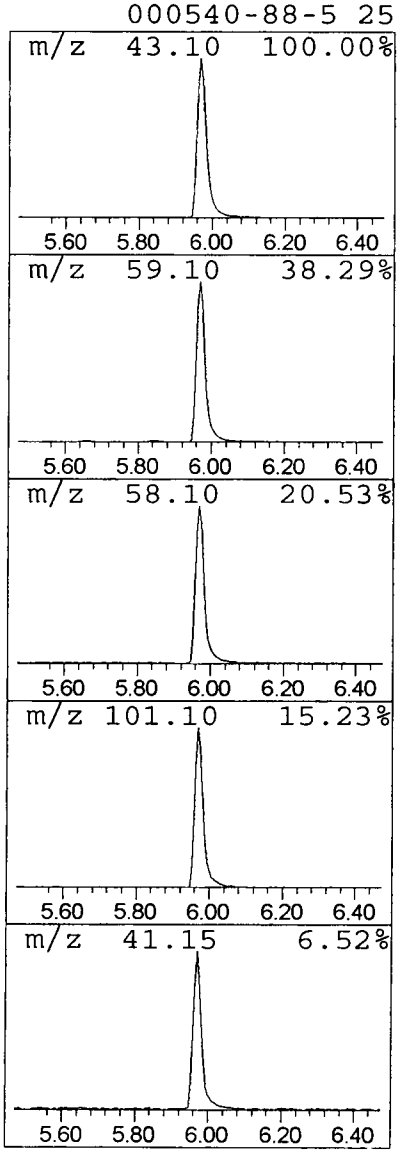
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	14.04 ug/L	13222000	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	78
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	25





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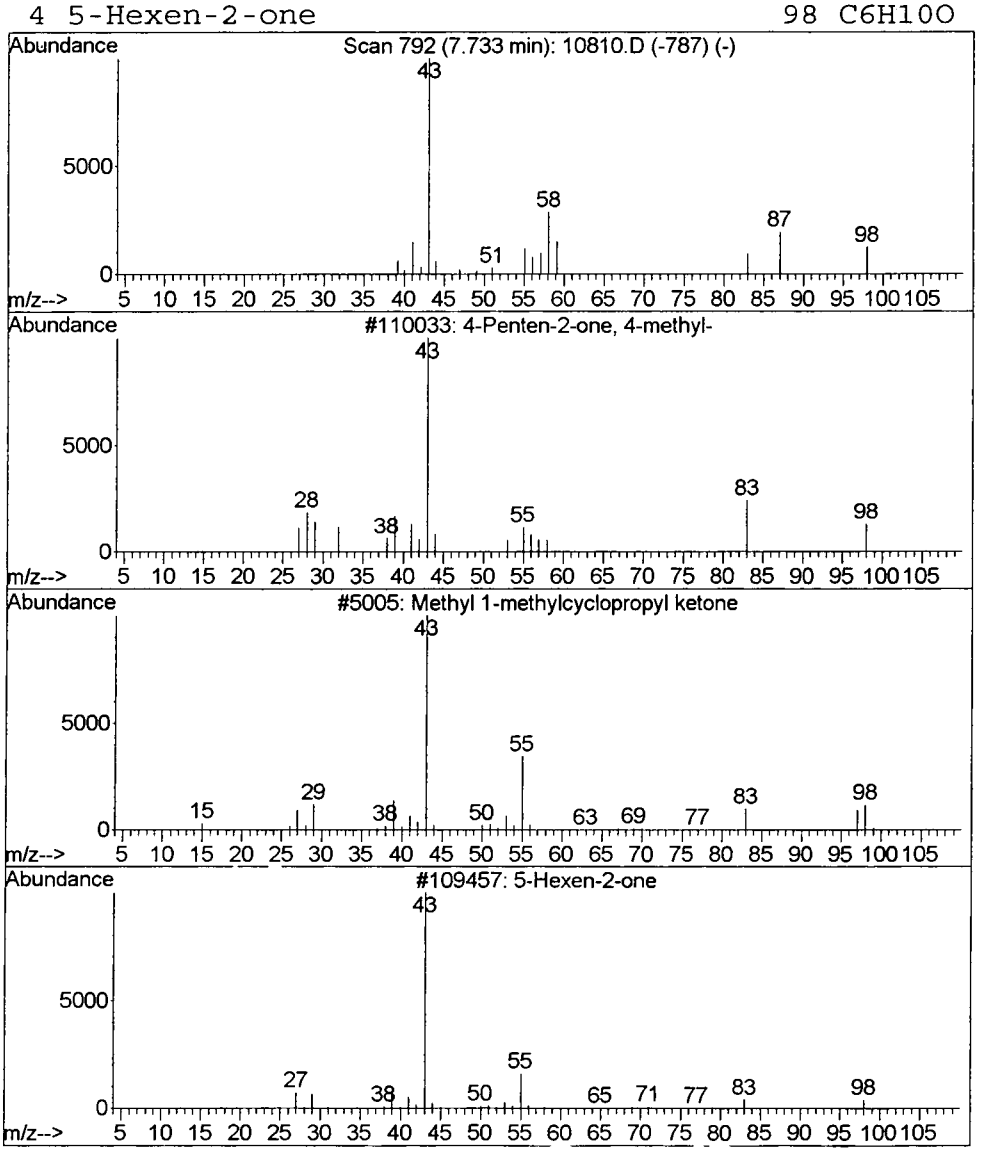
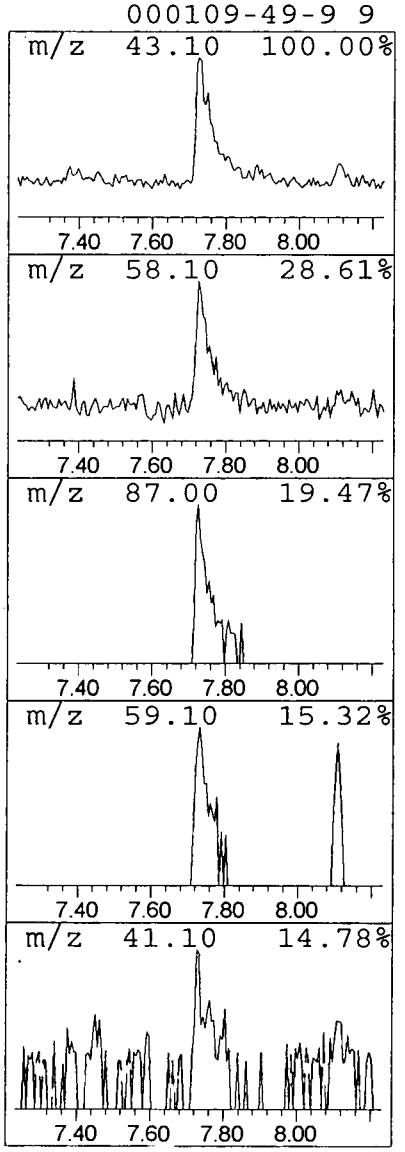
Peak Number 4 4-Penten-2-one, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.29 ug/L	274289	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	25
2	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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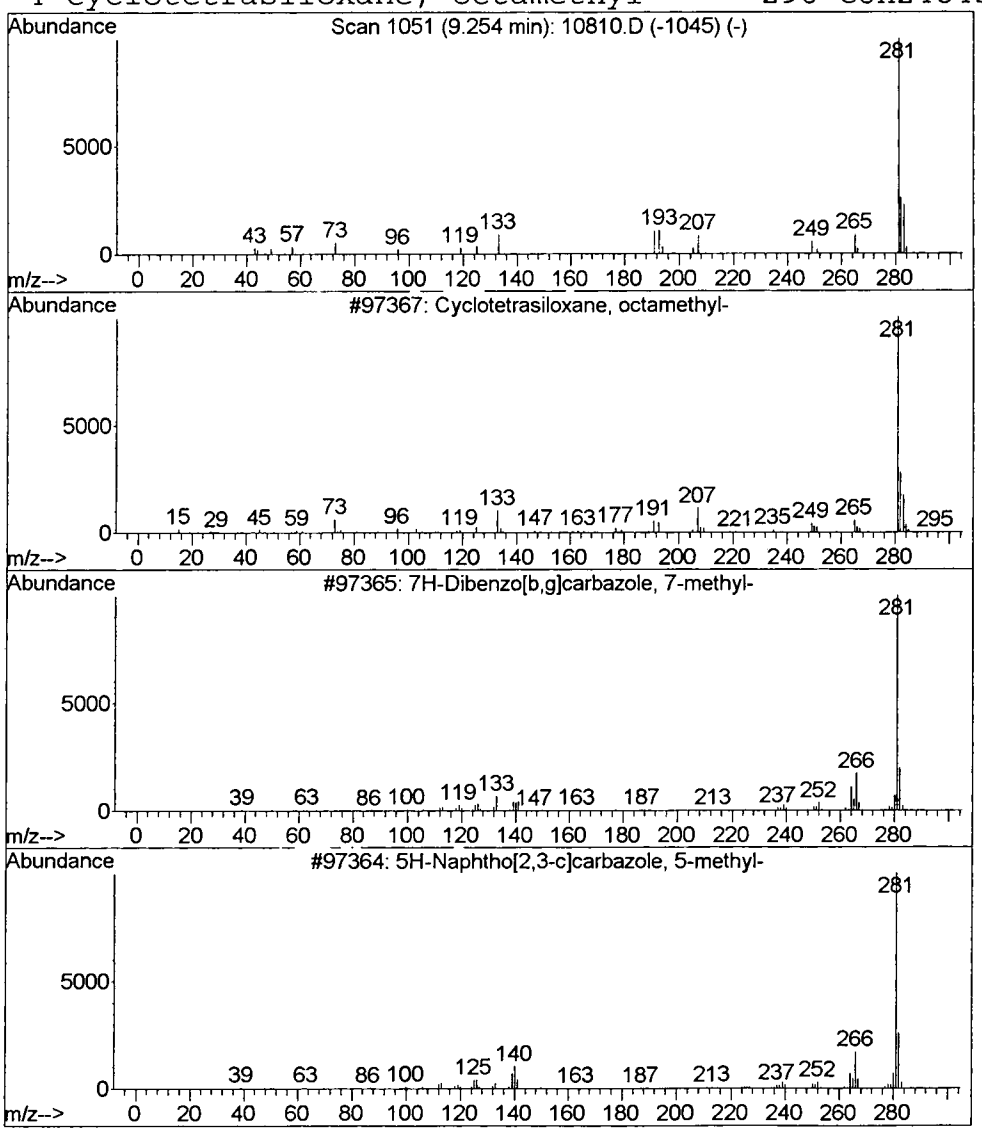
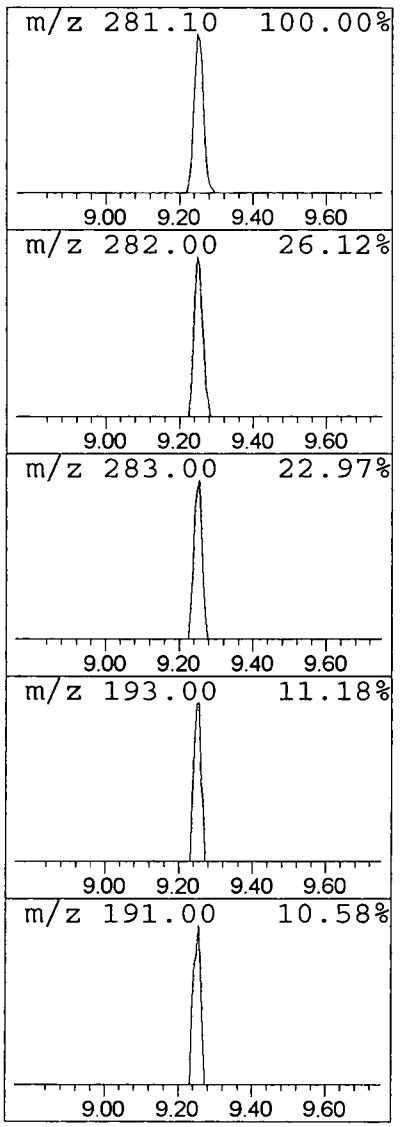
Peak Number 5 Cyclotetrasiloxane, octamet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	0.30 ug/L	284297	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
2	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	42
3	5H-Naphtho[2,3-c]carbazole, 5-me...	281	C21H15N	100025-44-3	40
4	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	37





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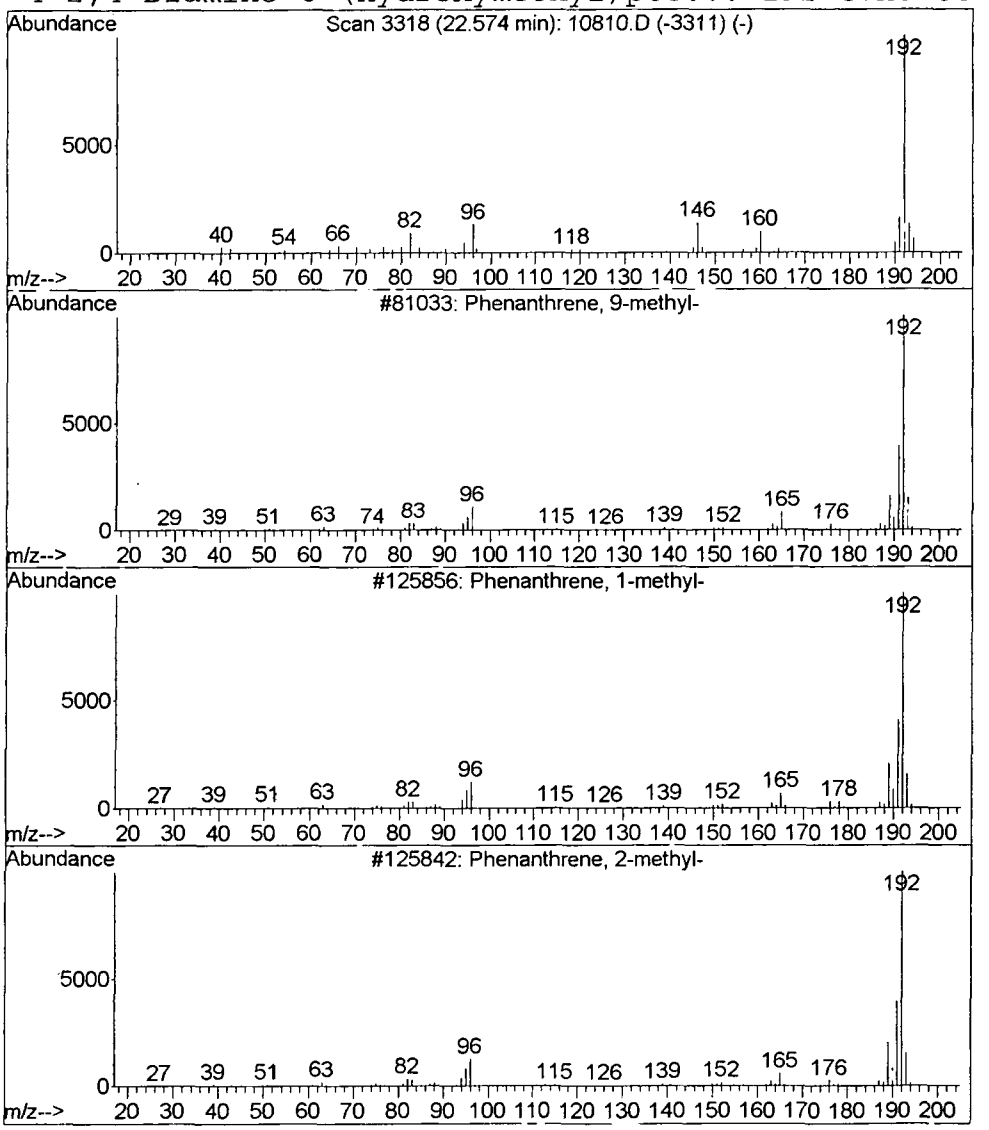
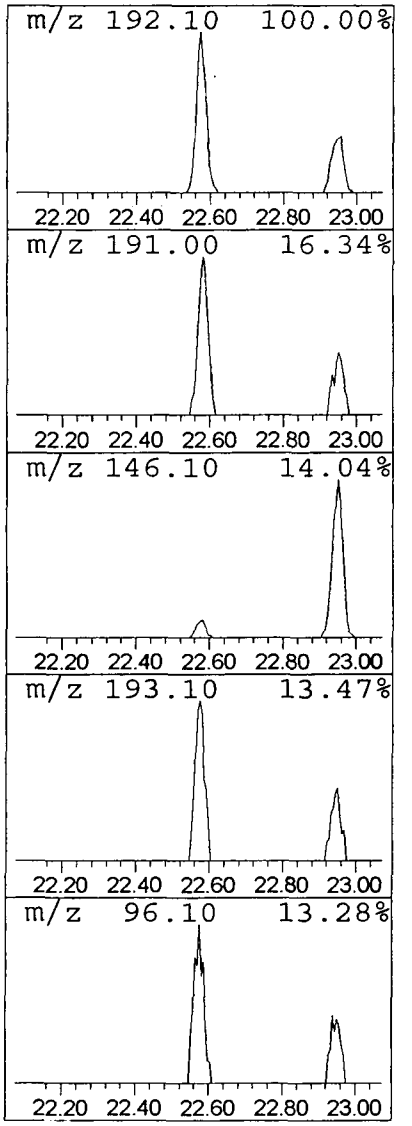
Peak Number 6 Phenanthrene, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.32 ug/L	412416	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	59
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	59
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	59
4	2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	45





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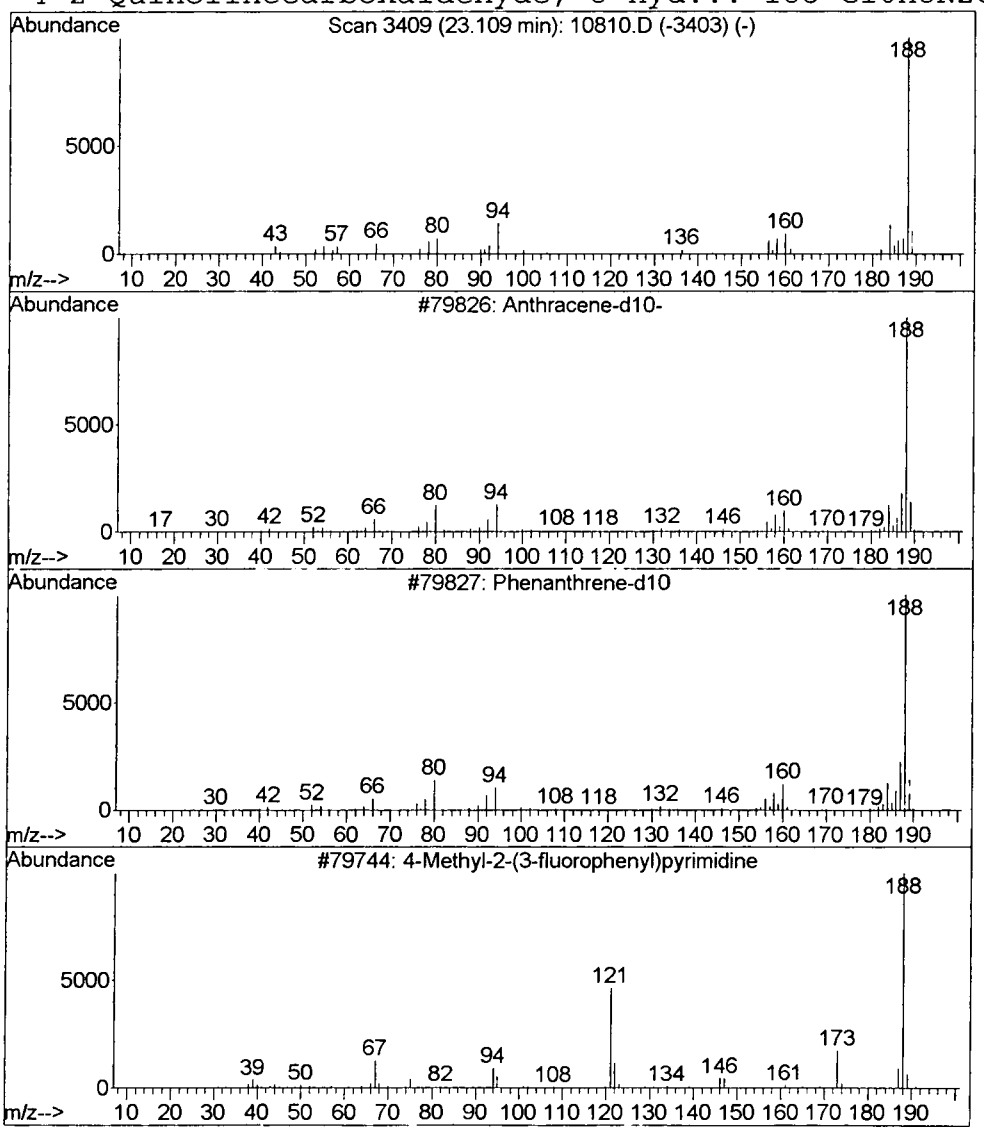
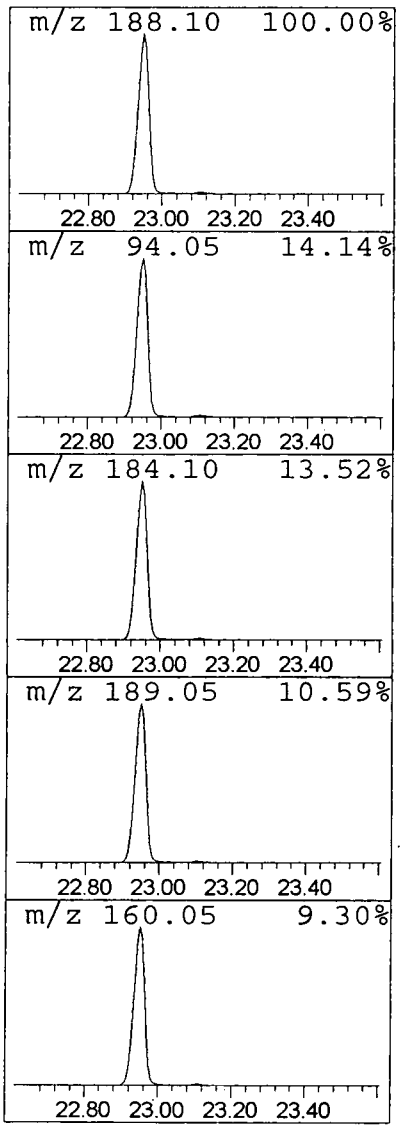
Peak Number 7 Anthracene-d10- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.38 ug/L	485952	Phenanthranene-d10	22.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	94
2	Phenanthrene-d10	188	C14D10	001517-22-2	47
3	4-Methyl-2-(3-fluorophenyl)pyrim...	188	C11H9FN2	076128-66-0	42
4	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	40





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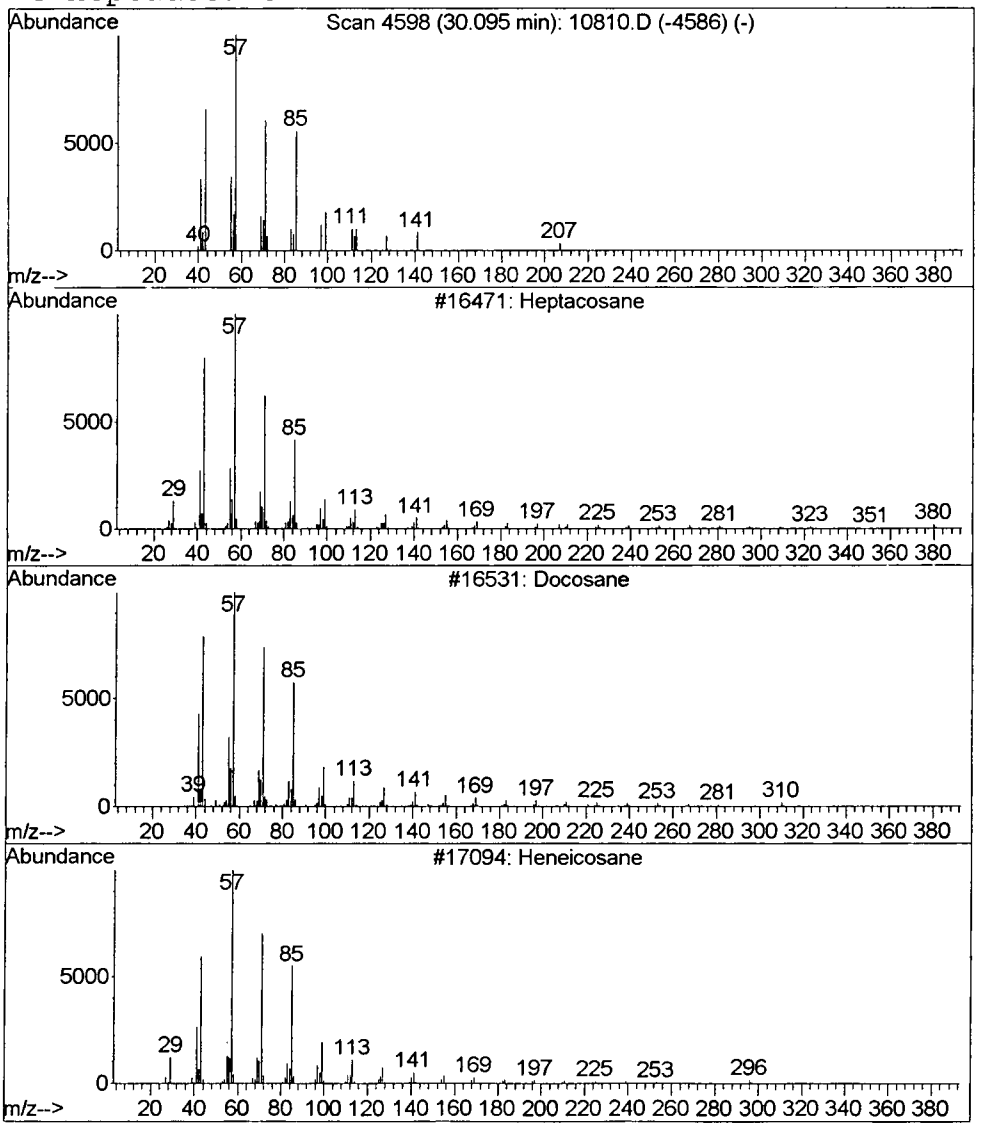
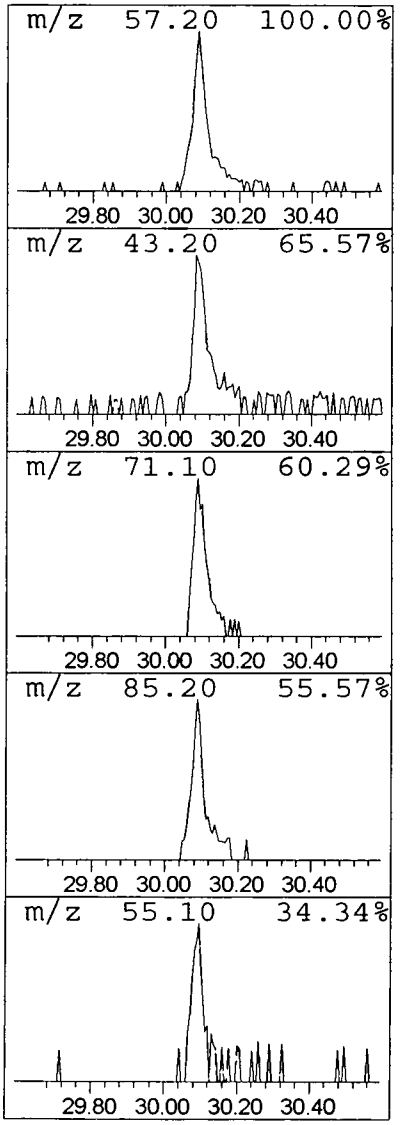
Peak Number 8 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.09	0.37 ug/L	389371	Chrysene-d12	30.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Docosane	310	C22H46	000629-97-0	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane	240	C17H36	000629-78-7	86





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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
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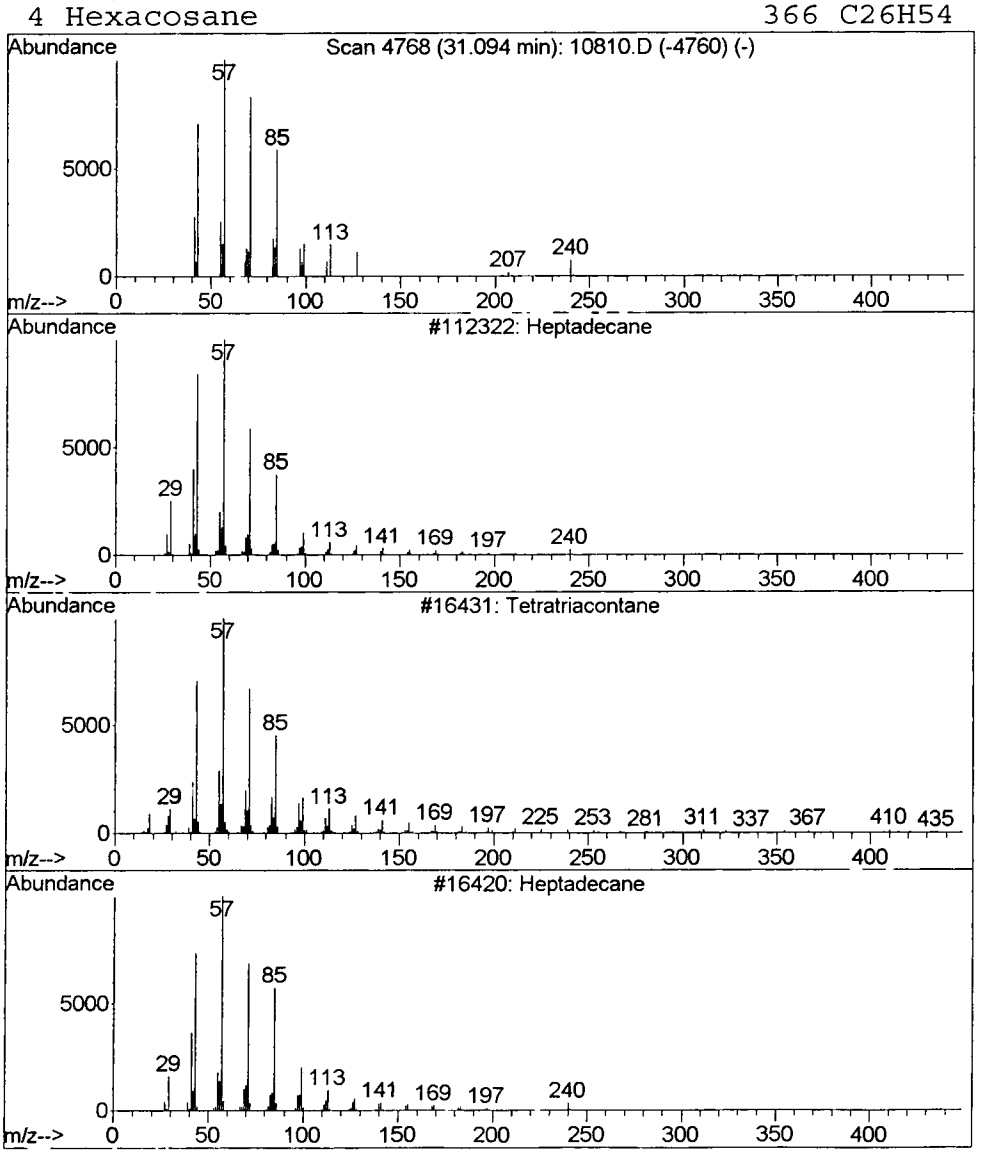
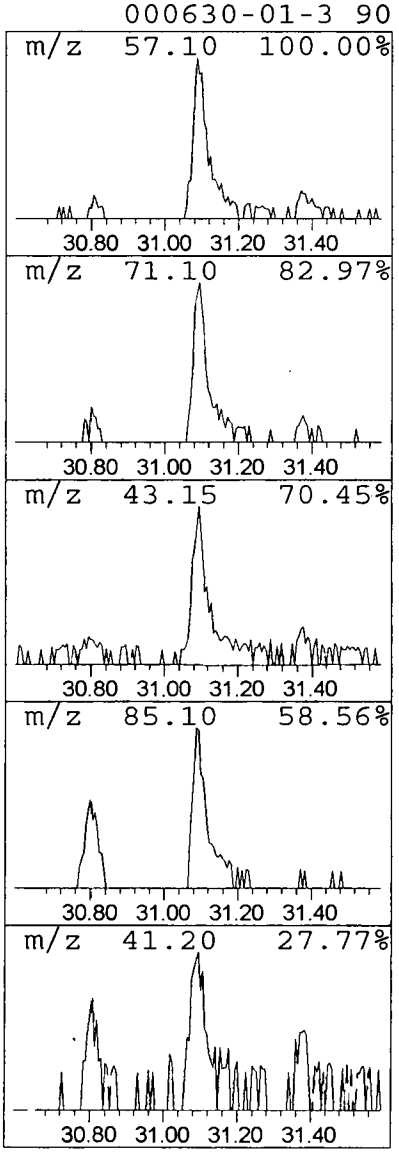
Peak Number 9 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.50 ug/L	528494	Chrysene-d12	30.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tetratriacontane	479	C34H70	014167-59-0	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexacosane	366	C26H54	000630-01-3	90





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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
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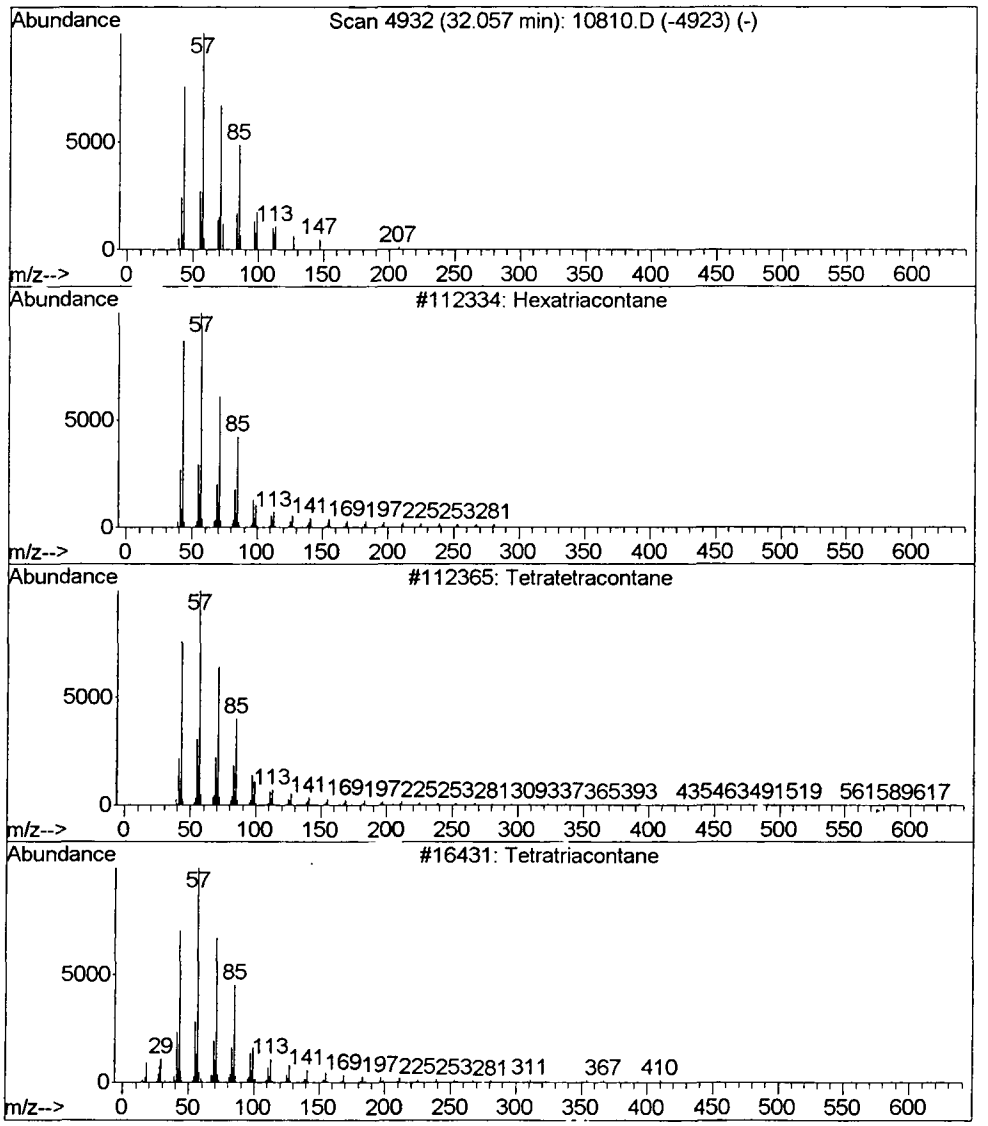
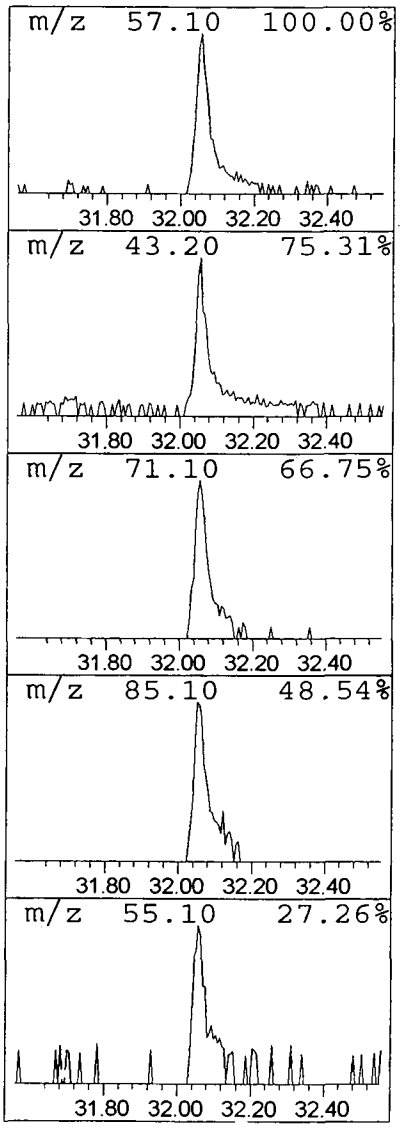
Peak Number 10 Hexatriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.06	0.49 ug/L	516617	Chrysene-d12	30.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	86
2	Tetratetracontane	619	C44H90	007098-22-8	86
3	Tetratriacontane	479	C34H70	014167-59-0	86
4	Eicosane	282	C20H42	000112-95-8	80





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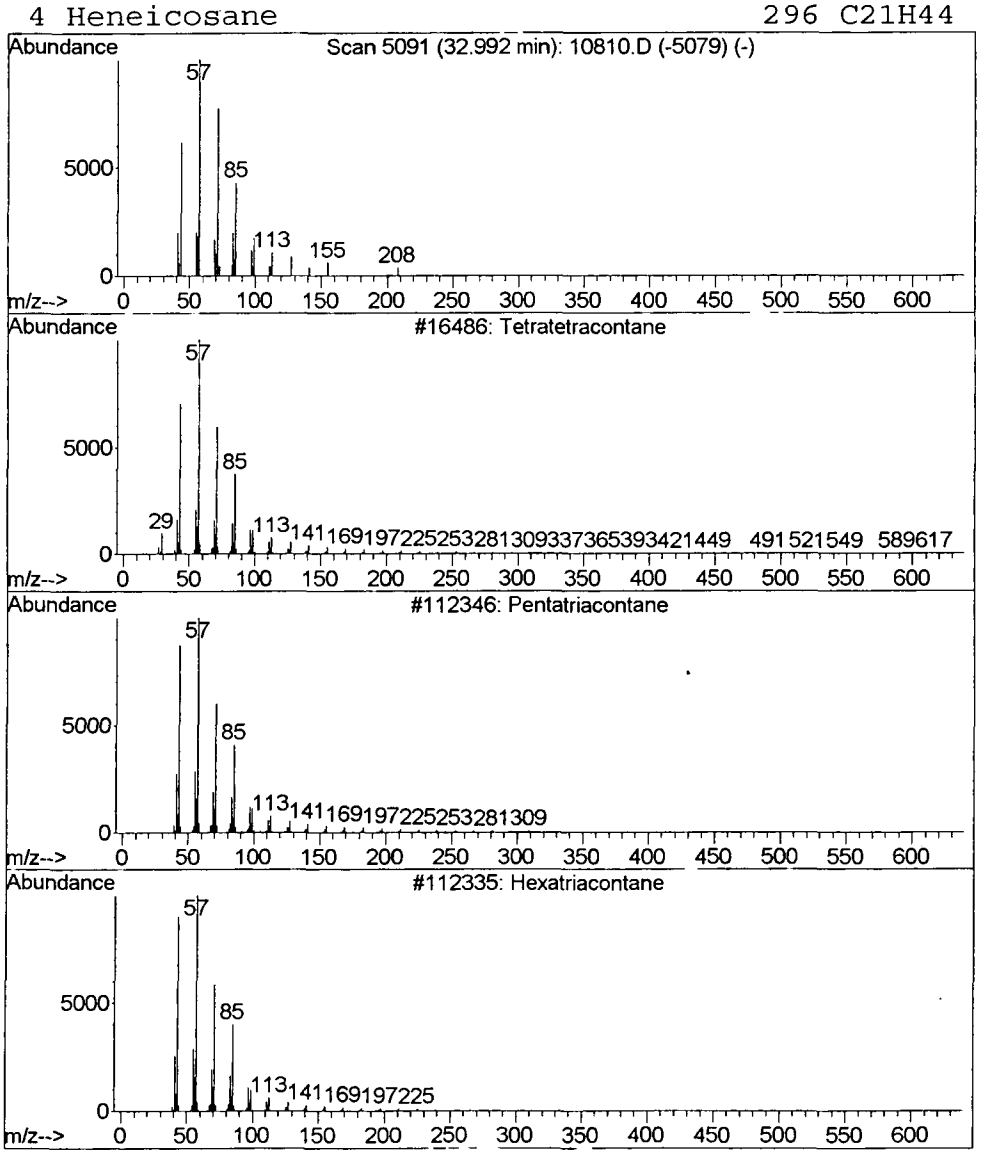
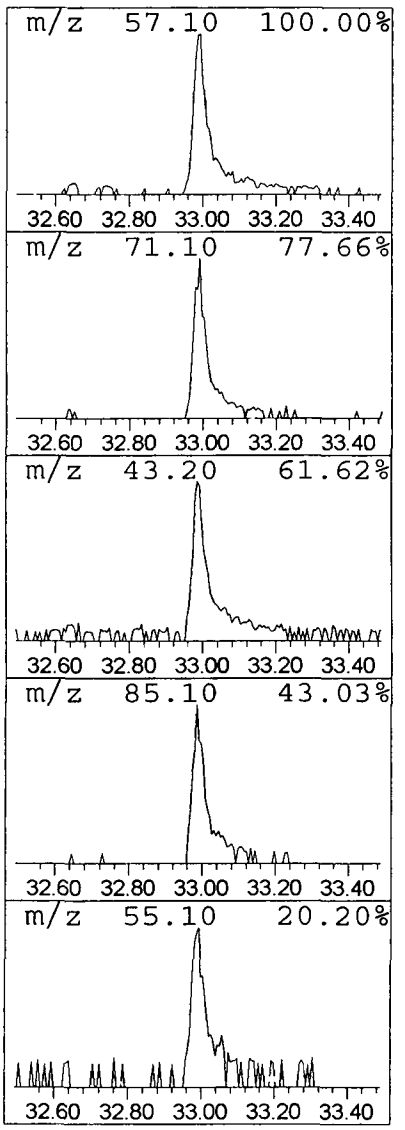
Peak Number 11 Tetratetracontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.99	0.74 ug/L	654879	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Pentatriacontane	493	C35H72	000630-07-9	90
3	Hexatriacontane	507	C36H74	000630-06-8	90
4	Heneicosane	296	C21H44	000629-94-7	87





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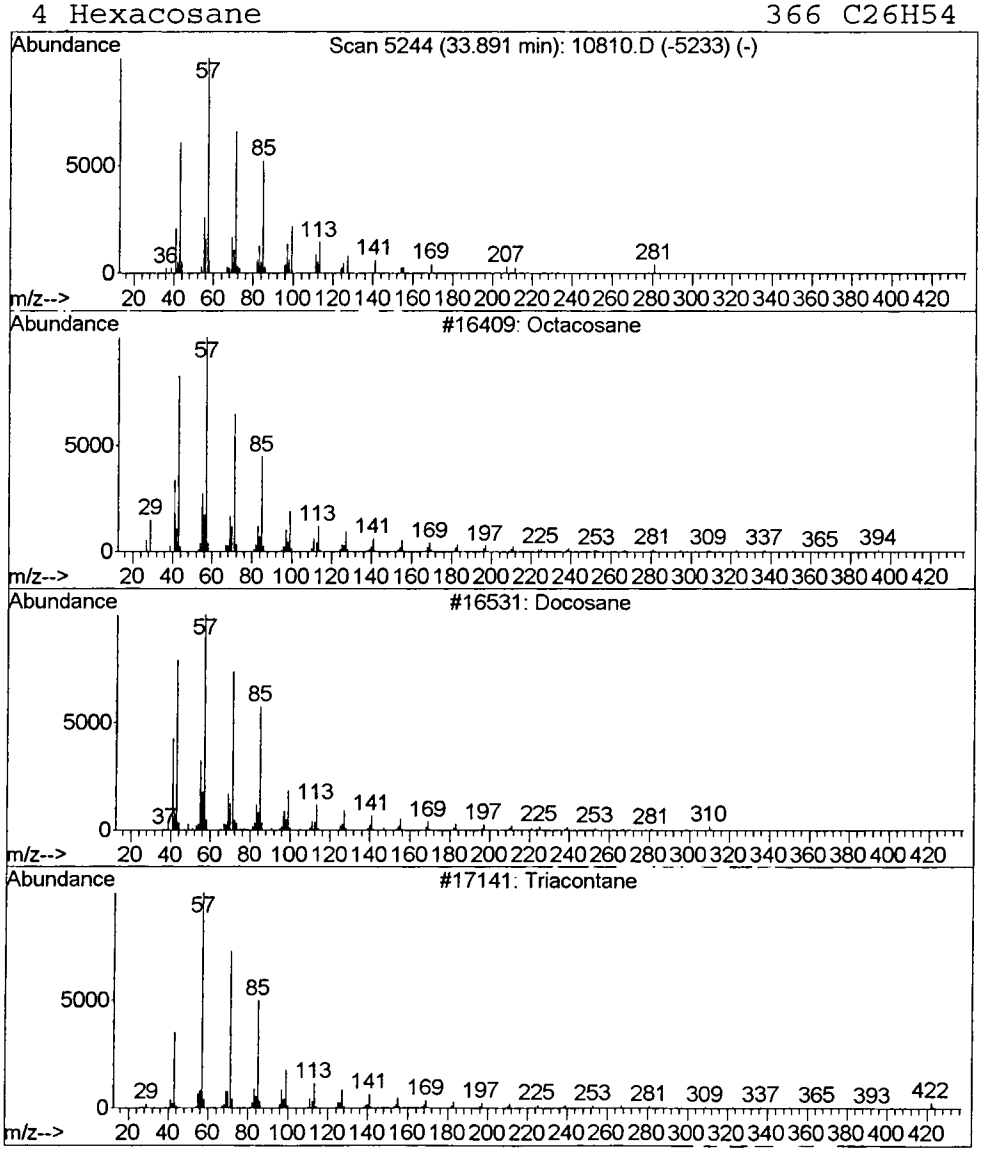
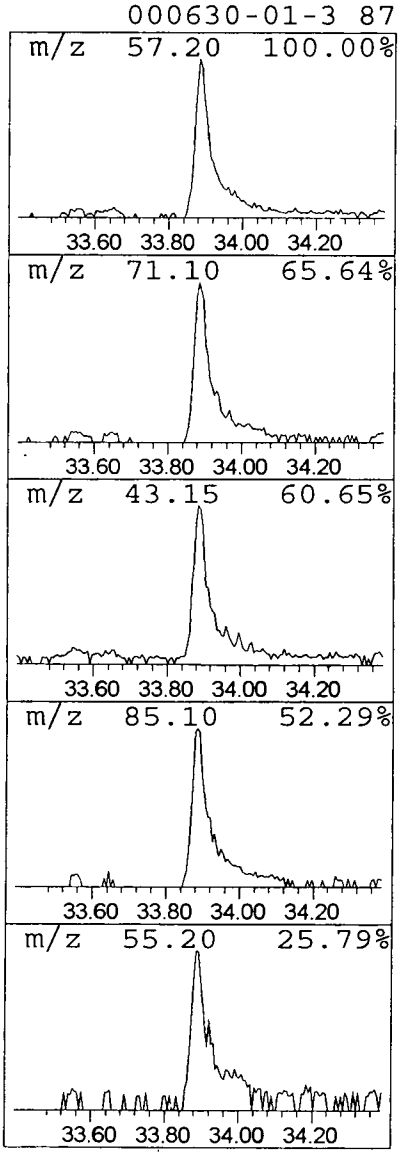
Peak Number 12 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.89	1.26 ug/L	1118760	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Docosane	310	C22H46	000629-97-0	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Hexacosane	366	C26H54	000630-01-3	87





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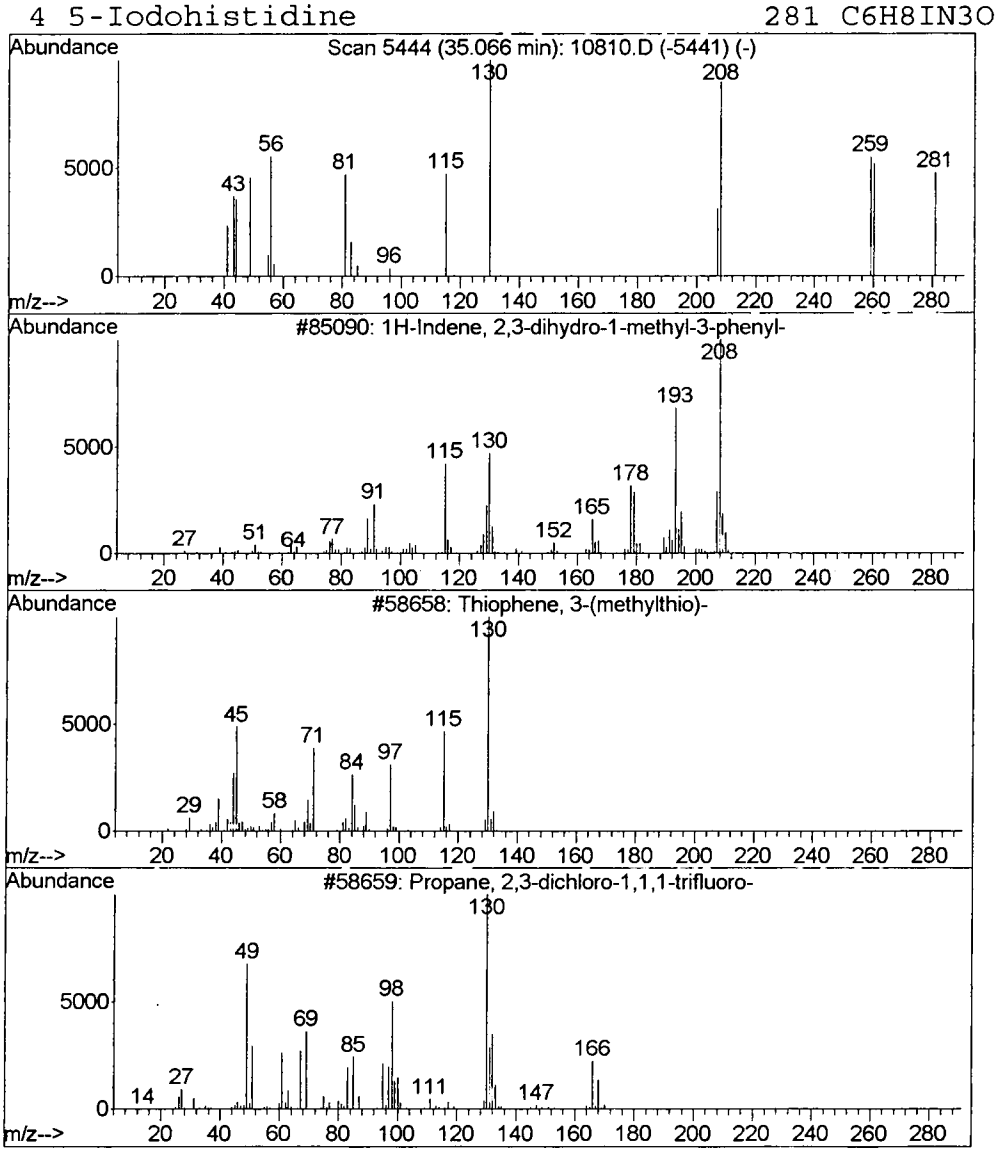
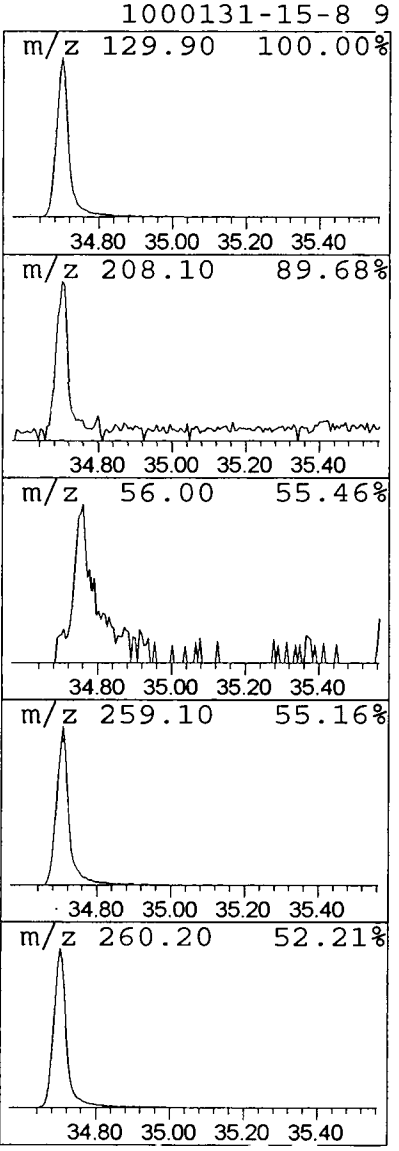
Peak Number 13 1H-Indene, 2,3-dihydro-1-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.06	0.24 ug/L	211013	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1-methyl-...	208	C16H16	006416-39-3	9
2	Thiophene, 3-(methylthio)-	130	C5H6S2	020731-74-2	9
3	Propane, 2,3-dichloro-1,1,1-trif...	166	C3H3Cl2F3	000338-75-0	9
4	5-Iodohistidine	281	C6H8IN3O2	1000131-15-8	9





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Library : C:\DATABASE\NIST98.L

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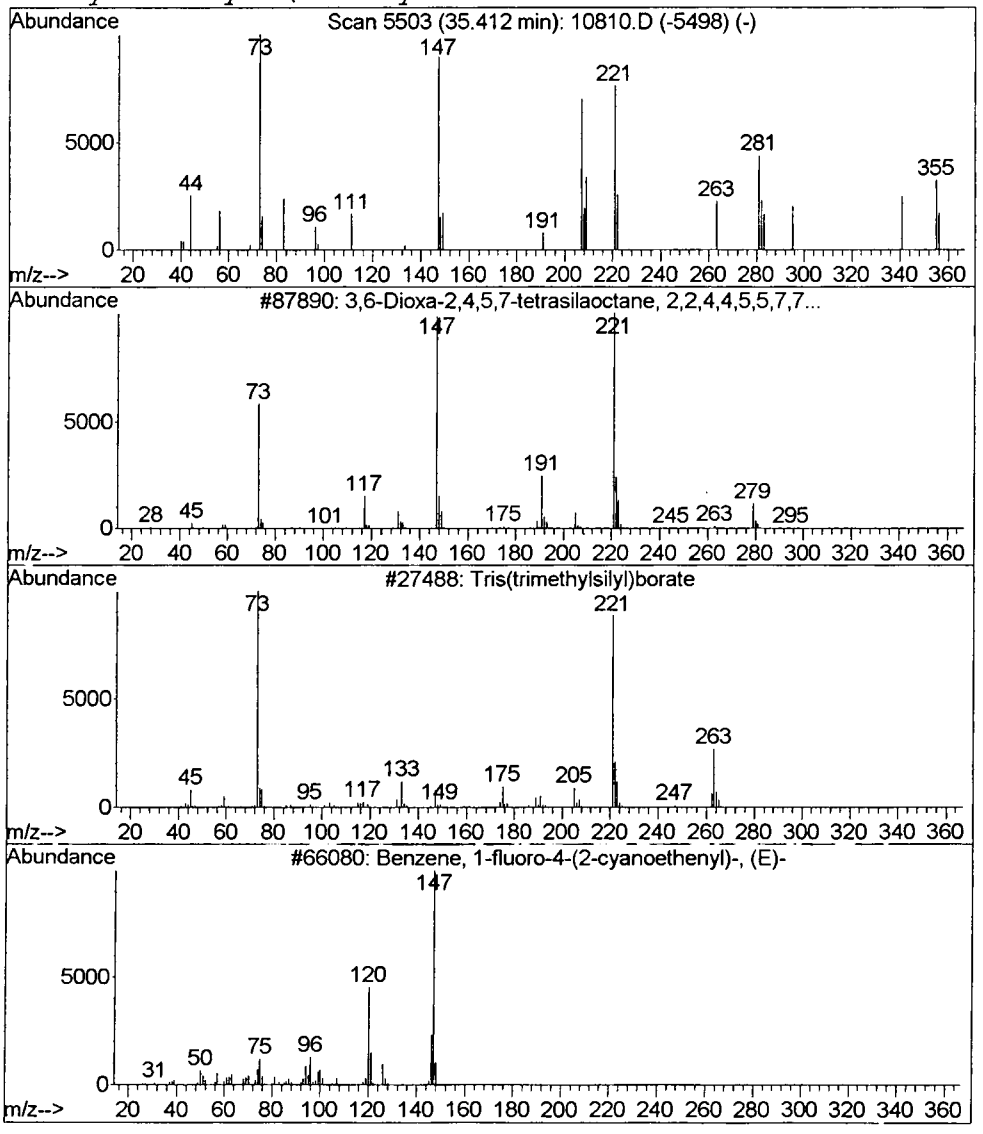
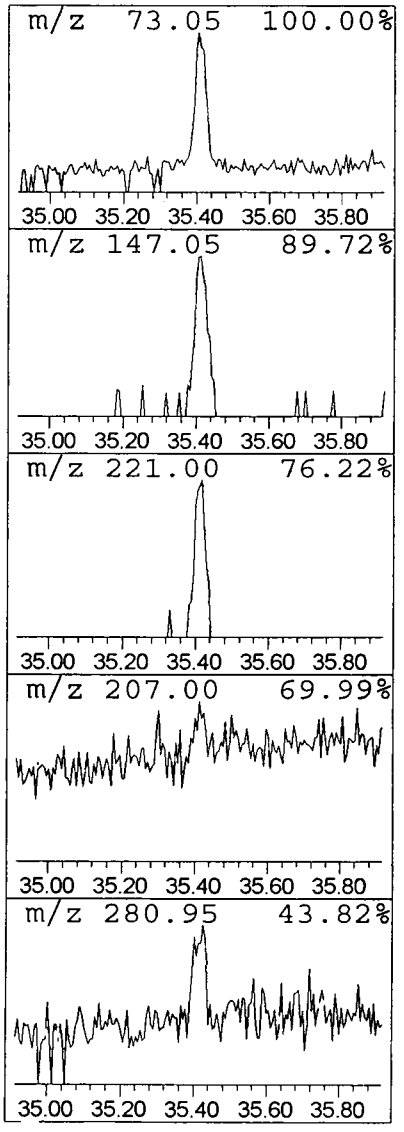
Peak Number 14 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.42	0.30 ug/L	266992	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	43
2	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	12
3	Benzene, 1-fluoro-4-(2-cyanoethe...	147	C9H6FN	027530-50-3	9
4	Cyclohexyl-(hexahydro-benzofuran...	221	C14H23NO	1000190-83-1	9





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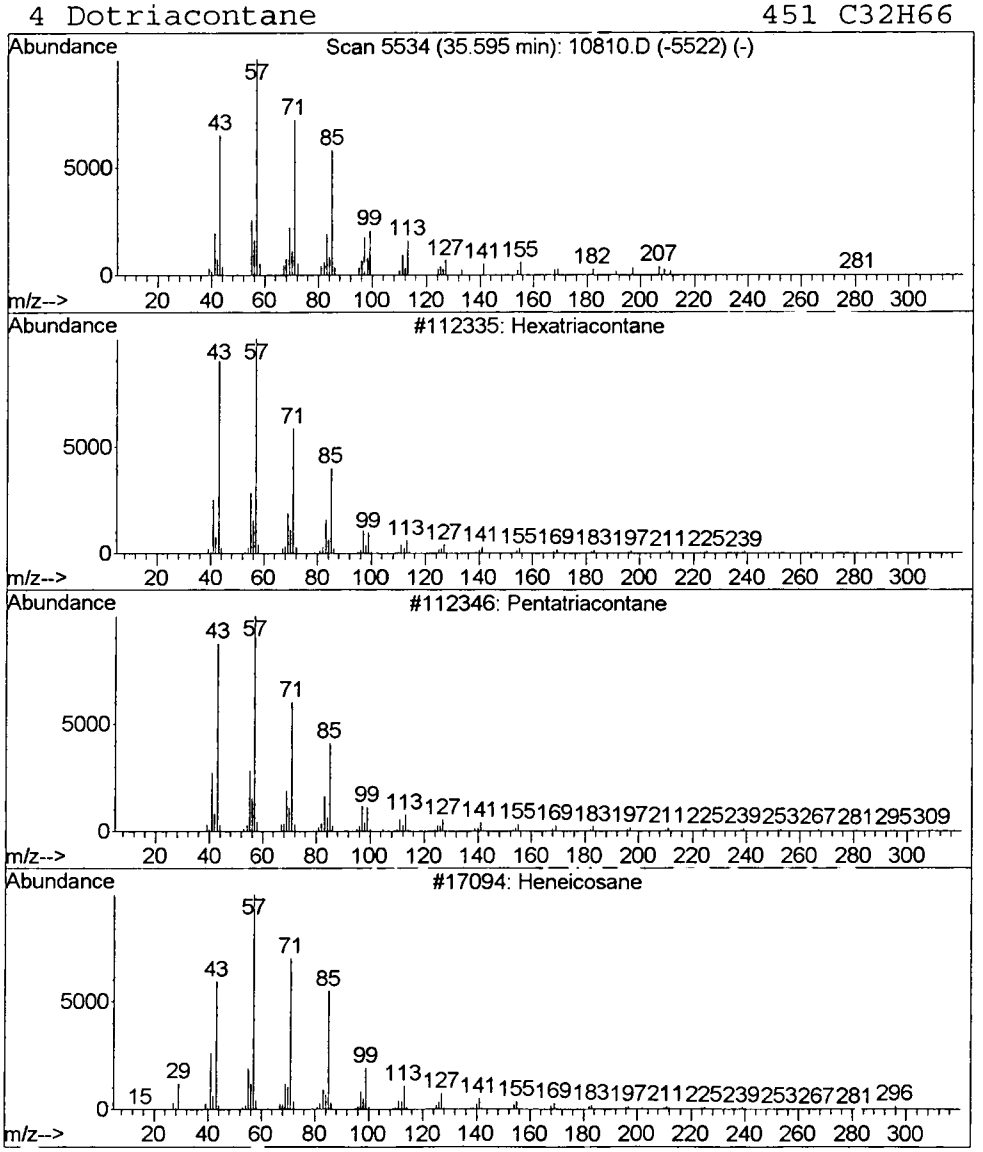
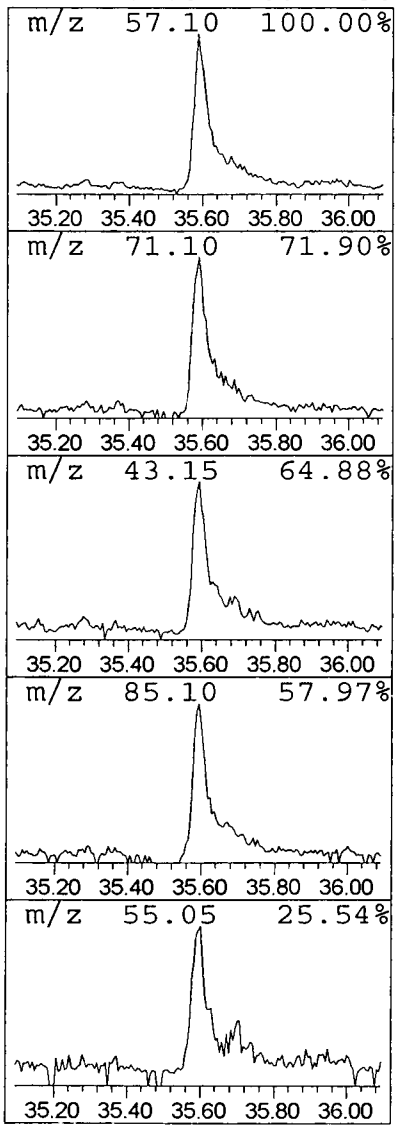
Peak Number 15 Hexatriacontane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.60	1.59 ug/L	1416180	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	90
2	Pentatriacontane	493	C35H72	000630-07-9	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Dotriacontane	451	C32H66	000544-85-4	86





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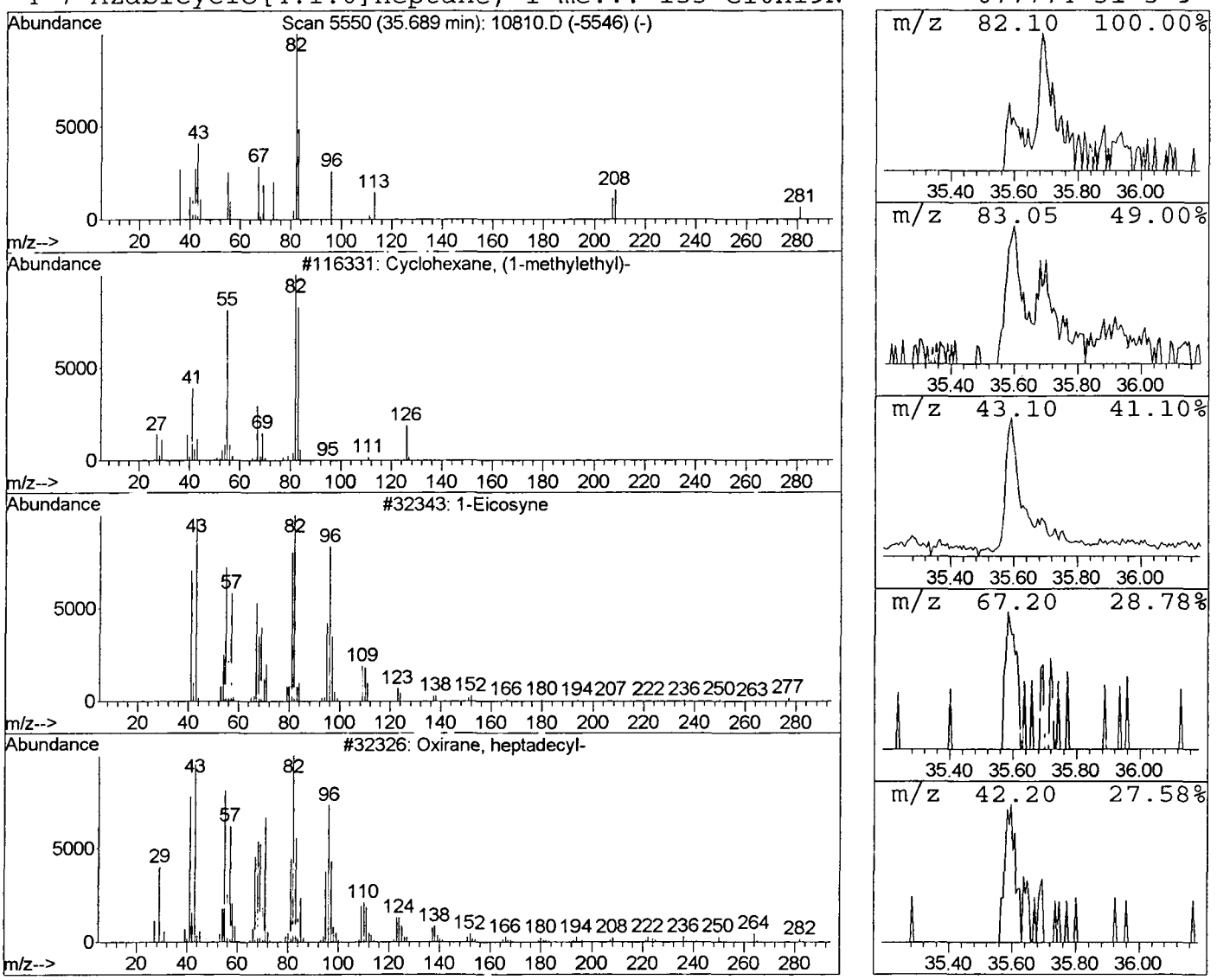
Peak Number 16 Cyclohexane, (1-methylethyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.69	0.91 ug/L	811759	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	12
2	1-Eicosyne	278	C20H38	000765-27-5	9
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	9
4	7-Azabicyclo[4.1.0]heptane, 1-me...	153	C10H19N	077774-31-3	9



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Acq On    : 15 May 2002    5:50 am                    Operator: Mclean
Sample    : 5/7 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
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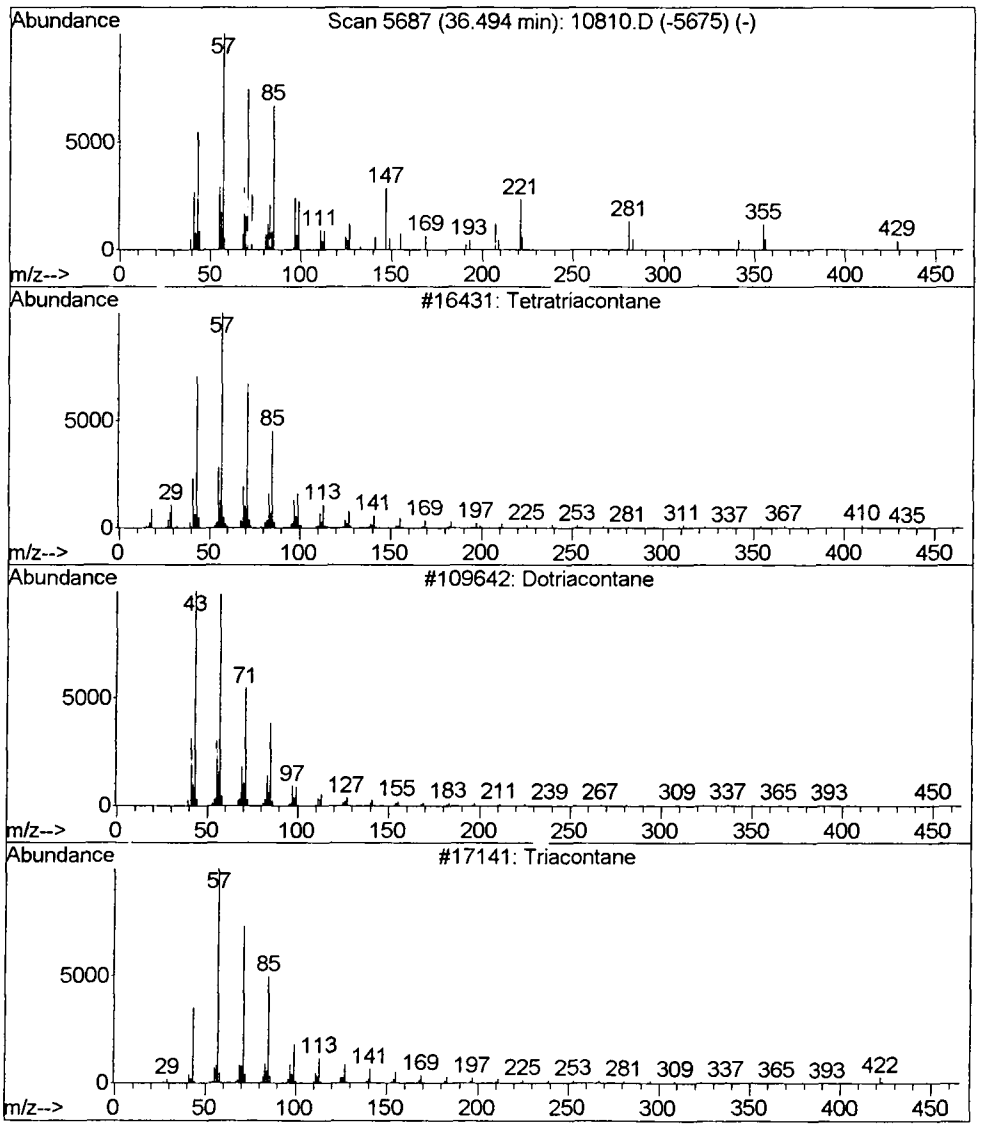
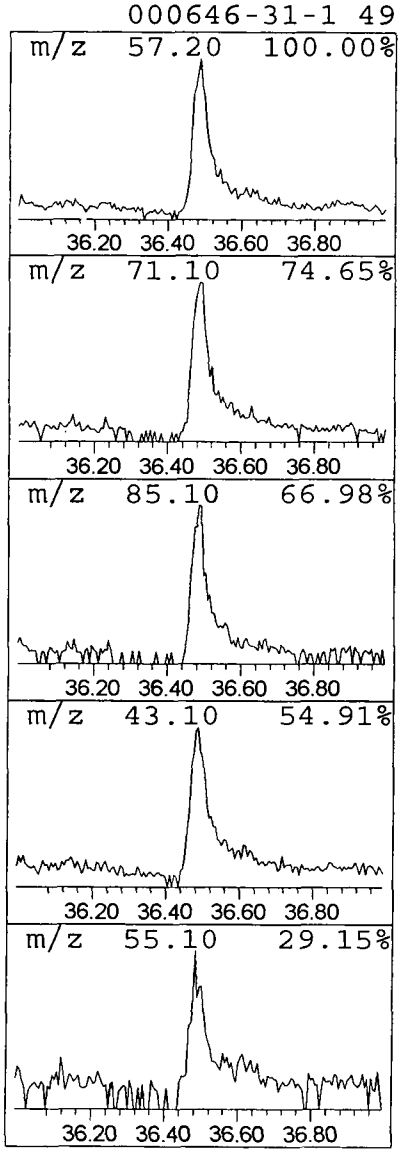
Peak Number 17 Tetratriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.49	1.40 ug/L	1243490	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	53
2	Dotriacontane	451	C32H66	000544-85-4	52
3	Triacontane	422	C30H62	000638-68-6	49
4	Tetracosane	338	C24H50	000646-31-1	49





Data File : C:\MSDCHEM\1\DATA\051402\10810.D Vial: 20
Acq On : 15 May 2002 5:50 am Operator: Mclean
Sample : 5/7 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

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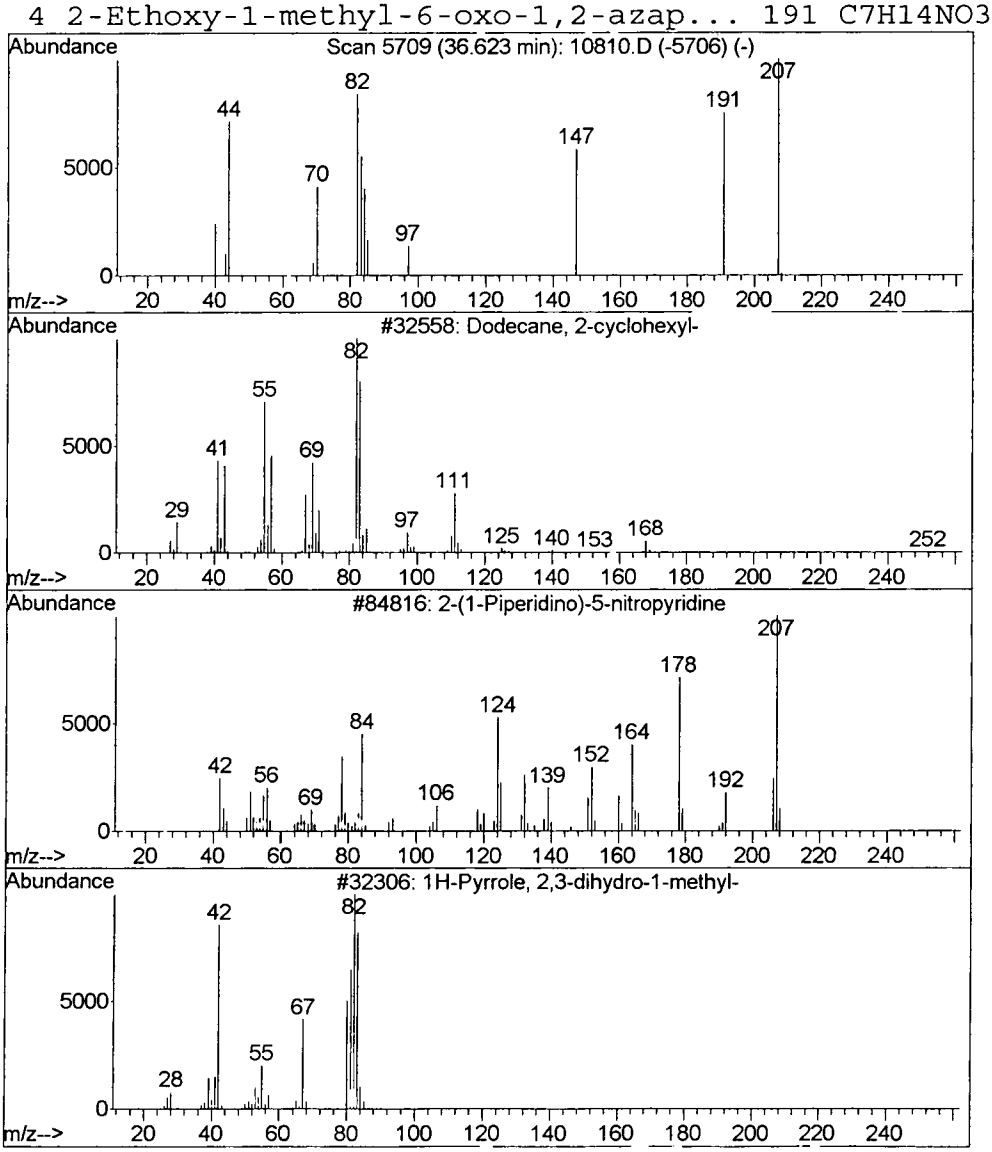
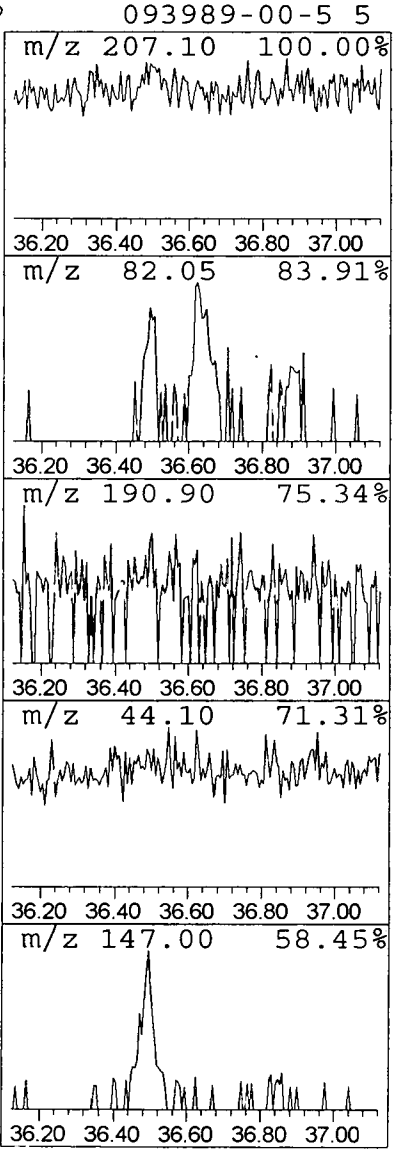
Peak Number 18 Dodecane, 2-cyclohexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.62	0.42 ug/L	370827	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-cyclohexyl-	252	C18H36	013151-82-1	9
2	2-(1-Piperidino)-5-nitropyridine	207	C10H13N3O2	026820-61-1	5
3	1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	5
4	2-Ethoxy-1-methyl-6-oxo-1,2-azap...	191	C7H14NO3P	093989-00-5	5





Data File : C:\MSDCHEM\1\DATA\051402\10810.D Vial: 20
Acq On : 15 May 2002 5:50 am Operator: Mclean
Sample : 5/7 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

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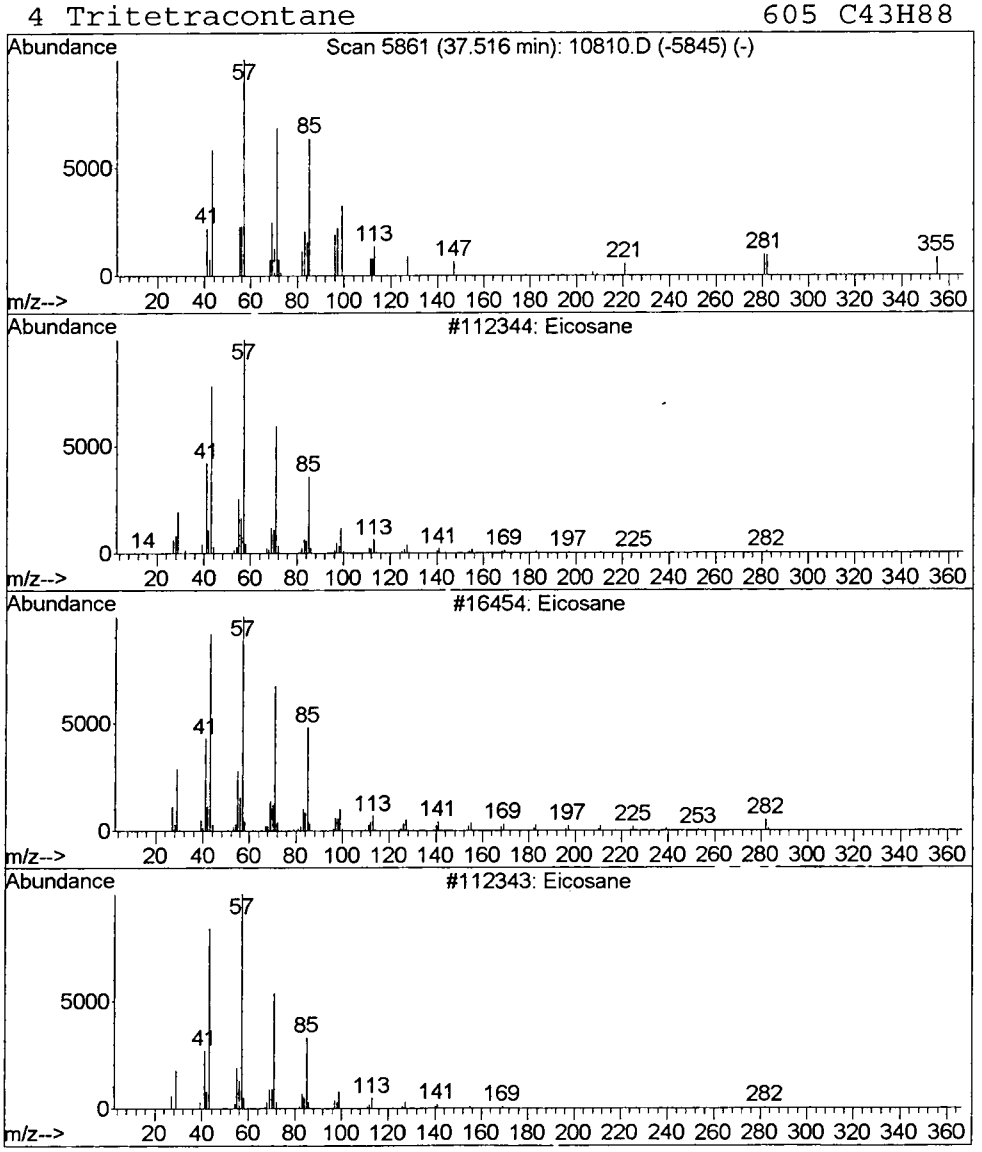
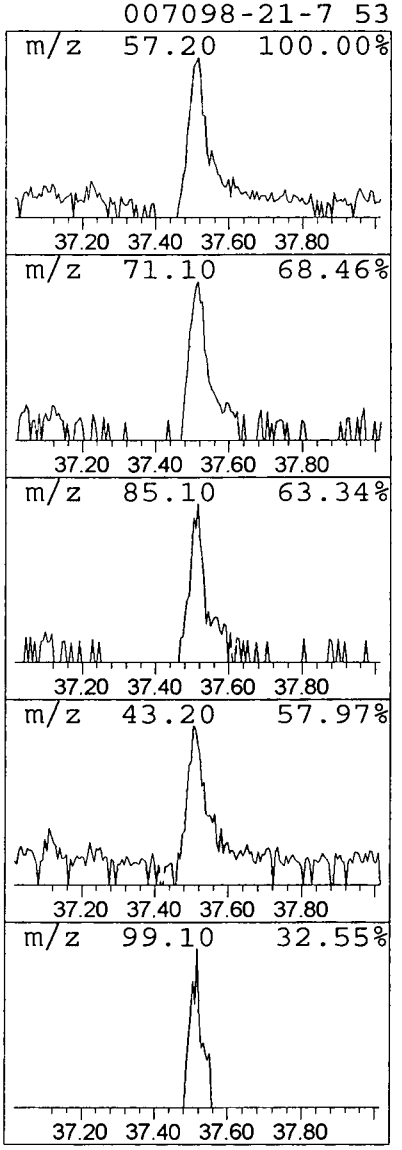
Peak Number 19 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.52	0.75 ug/L	669162	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	70
2	Eicosane	282	C20H42	000112-95-8	64
3	Eicosane	282	C20H42	000112-95-8	64
4	Tritetracontane	605	C43H88	007098-21-7	53





Data File : C:\MSDCHEM\1\DATA\051402\10810.D Vial: 20
Acq On : 15 May 2002 5:50 am Operator: Mclean
Sample : 5/7 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

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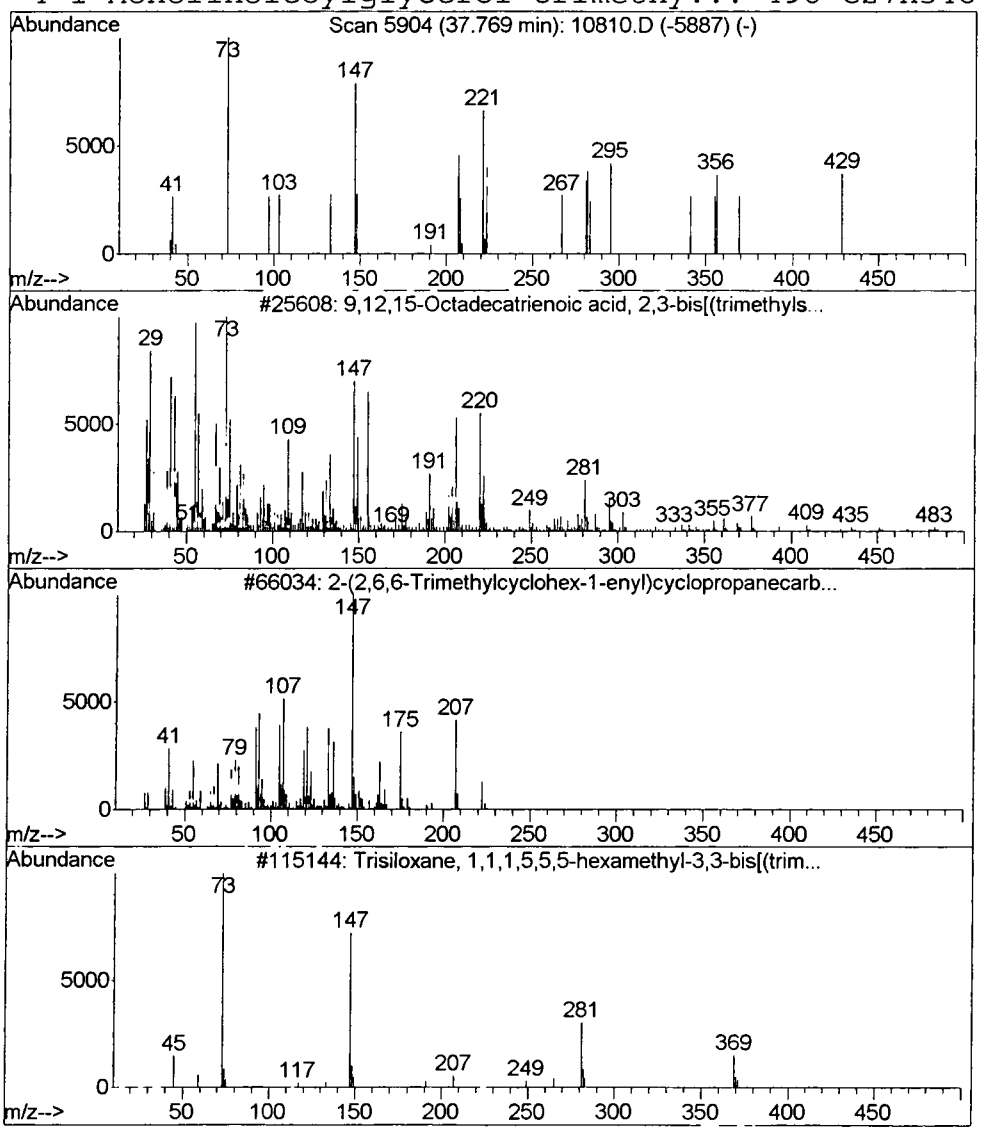
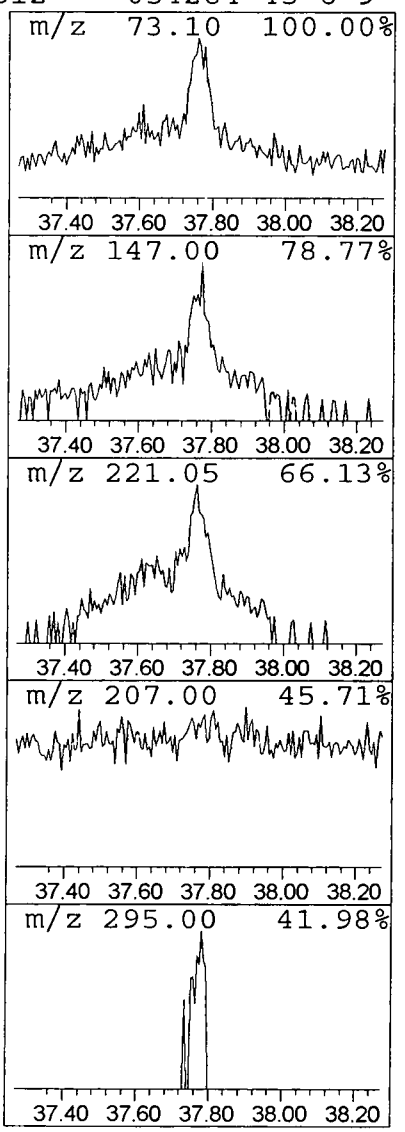
Peak Number 20 9,12,15-Octadecatrienoic ac... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.77	0.62 ug/L	551891	Perylene-d12	34.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, 2...	496	C27H52O4Si2	055521-22-7	10
2	2-(2,6,6-Trimethylcyclohex-1-eny...	222	C14H22O2	1000185-64-1	9
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	9
4	1-Monolinoleoylglycerol trimethy...	498	C27H54O4Si2	054284-45-6	9





Operator ID: Mclean Date Acquired: 15 May 2002 5:50 am
Data File: C:\MSDCHEM\1\DATA\051402\10810.D
Name: 5/7 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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Acetonitrile, dic...	3.62	0.4	ug/L	365460	1	9.94	37683100	40.0
Acetoacetic acid,...	3.75	0.2	ug/L	225827	1	9.94	37683100	40.0
2-Pentanone, 4-hy...	5.97	14.0	ug/L	13222000	1	9.94	37683100	40.0
4-Penten-2-one, 4...	7.73	0.3	ug/L	274289	1	9.94	37683100	40.0
Cyclotetrasiloxan...	9.25	0.3	ug/L	284297	1	9.94	37683100	40.0
Phenanthrene, 9-m...	22.58	0.3	ug/L	412416	4	22.95	51731200	40.0
Anthracene-d10-	23.11	0.4	ug/L	485952	4	22.95	51731200	40.0
Heptacosane	30.09	0.4	ug/L	389371	5	30.81	41963800	40.0
Heptadecane	31.09	0.5	ug/L	528494	5	30.81	41963800	40.0
Hexatriacontane	32.06	0.5	ug/L	516617	5	30.81	41963800	40.0
Tetratetracontane	32.99	0.7	ug/L	654879	6	34.70	35598400	40.0
Octacosane	33.89	1.3	ug/L	1118760	6	34.70	35598400	40.0
1H-Indene, 2,3-di...	35.06	0.2	ug/L	211013	6	34.70	35598400	40.0
3,6-Dioxa-2,4,5,7...	35.42	0.3	ug/L	266992	6	34.70	35598400	40.0
Hexatriacontane	35.60	1.6	ug/L	1416180	6	34.70	35598400	40.0
Cyclohexane, (1-m...	35.69	0.9	ug/L	811759	6	34.70	35598400	40.0
Tetratriacontane	36.49	1.4	ug/L	1243490	6	34.70	35598400	40.0
Dodecane, 2-cyclo...	36.62	0.4	ug/L	370827	6	34.70	35598400	40.0
Eicosane	37.52	0.8	ug/L	669162	6	34.70	35598400	40.0
9,12,15-Octadecat...	37.77	0.6	ug/L	551891	6	34.70	35598400	40.0