User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 09:52:28

Sample: AE10984
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/22/02 09:51 Ended: 5/22/02 09:51 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 AE10984 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-22-2002 Time: 09:53:09

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\10984.D Vial: 13
Acq On : 14 May 2002 11:17 pm Operator: Mclean
Sample : 5/10 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:41:00 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	9.94	152	6891366	40.00	ug/L	0.00
10) Napthalene-d8	13.43	136	27478283	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	14909993	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	21618417	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	16106457	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	10748451	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.55	209	3371723	37.25	ug/L	0.00
Spiked Amount 40.000			Recovery = 93.13%			
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	59885	N.D.		
30) Nnitrosodiphenylamine	20.55	169	66817	0.25	ug/L #	59
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	50335	N.D.		

(#) = qualifier out of range (m) = manual integration
10984.D 050102.M Thu May 16 14:41:18 2002 Page 1

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Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 16 14:41:00 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	30.82	228	41156	N.D.	
41)	Bis(2-ethylhexyl)phthalate	31.38	149	26549	N.D.	
42)	Chrysene	0.00	228	0	N.D.	
44)	Di-n-octylphthalate	33.23	149	531	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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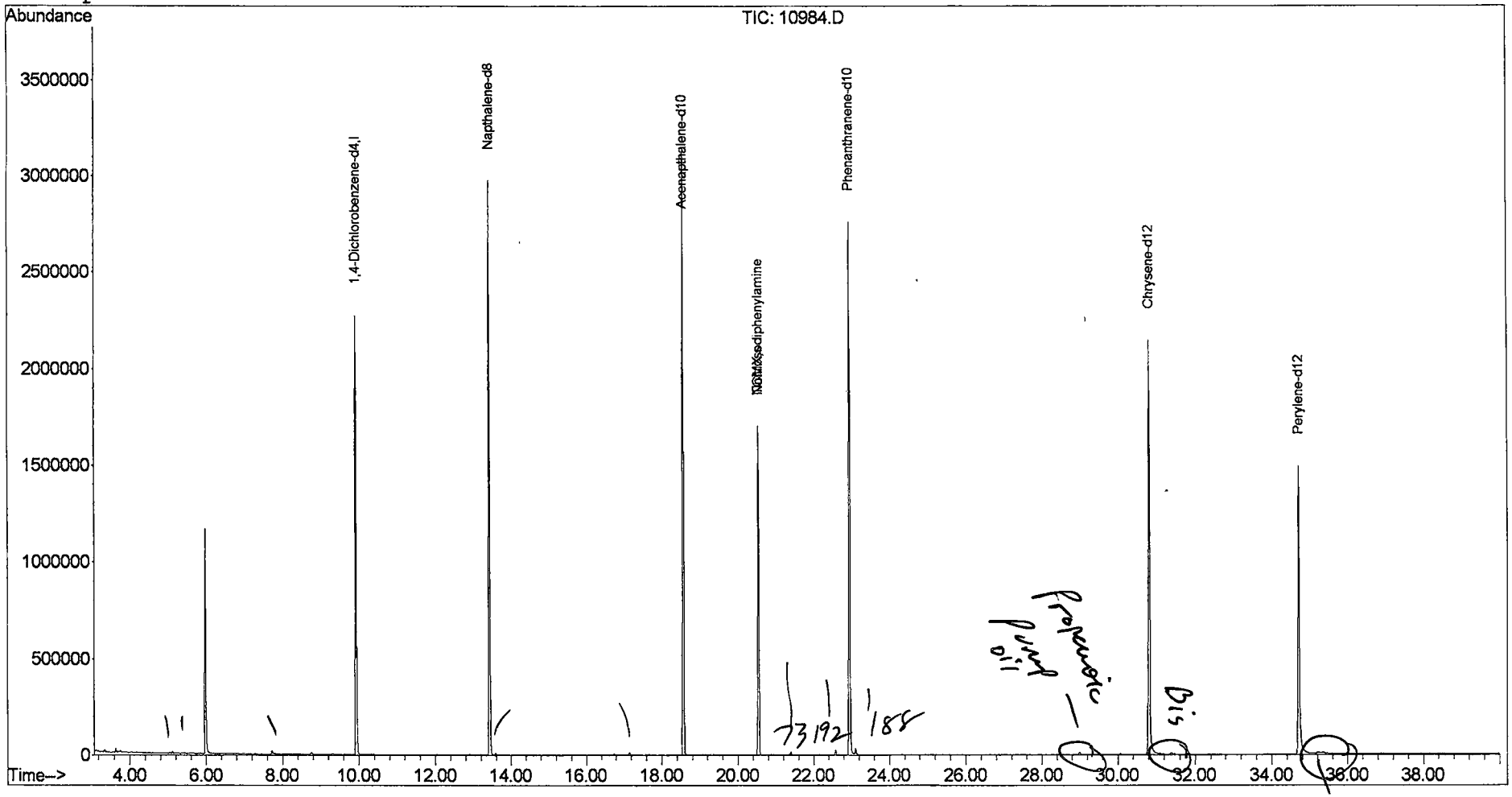
Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu May 16 14:34:28 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\051402\10984.D Vial: 13
Acq On : 14 May 2002 11:17 pm Operator: Mclean
Sample : 5/10 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	3.132	3	9	24	BV 3	5308	129656	0.21%	0.035%
2	3.355	39	47	53	BV	10991	167621	0.27%	0.045%
3	3.408	53	56	63	VV 6	3078	61334	0.10%	0.016%
4	3.555	77	81	85	PV 6	3330	52235	0.08%	0.014%
5	3.631	89	94	100	VV	21236	352697	0.57%	0.094%
6	3.684	100	103	108	VV 5	4865	103669	0.17%	0.028%
7	3.755	108	115	124	VV 2	9963	352158	0.57%	0.094%
8	3.814	124	125	130	VV 5	4168	73848	0.12%	0.020%
9	4.178	183	187	192	VV 5	4695	94407	0.15%	0.025%
10	4.278	198	204	208	VV 5	4226	85897	0.14%	0.023%
11	4.595	251	258	266	VV 9	1886	56594	0.09%	0.015%
12	4.959	316	320	326	VV 6	2810	47055	0.08%	0.013%
13	5.036	326	333	341	VV 4	6580	158208	0.26%	0.042%
14	5.112	341	346	355	VV 6	8724	193331	0.31%	0.052%
15	5.347	381	386	395	PV 8	1759	53642	0.09%	0.014%
16	5.424	395	399	413	VV 6	3855	109627	0.18%	0.029%
17	5.535	413	418	424	VV 6	2903	82804	0.13%	0.022%
18	5.582	424	426	428	VV 2	2670	32050	0.05%	0.009%
19	5.659	435	439	448	VV 7	3869	95440	0.16%	0.026%
20	5.982	485	494	515	VV	1161313	20532252	33.40%	5.486%
21	6.111	515	516	523	VV 6	3715	76494	0.12%	0.020%
22	7.016	664	670	680	VV 7	1985	71959	0.12%	0.019%
23	7.286	709	716	722	VV 6	1925	38020	0.06%	0.010%
24	7.721	785	790	802	PV	18374	448707	0.73%	0.120%
25	7.797	802	803	807	VV 3	2693	36619	0.06%	0.010%
26	8.120	849	858	860	VV 5	1984	44355	0.07%	0.012%
27	8.379	899	902	912	VV 7	1686	34704	0.06%	0.009%
28	8.749	959	965	972	VV 2	9857	183824	0.30%	0.049%
29	8.814	972	976	988	VV 7	3350	85605	0.14%	0.023%
30	9.031	1007	1013	1014	VV 5	2015	29760	0.05%	0.008%
31	9.055	1014	1017	1023	VV 5	2413	49997	0.08%	0.013%
32	9.254	1045	1051	1055	PV 8	2766	53488	0.09%	0.014%
33	9.301	1055	1059	1069	VV 7	3997	100999	0.16%	0.027%
34	9.625	1107	1114	1116	PV 5	1703	28733	0.05%	0.008%
35	9.701	1122	1127	1131	VV 5	2377	39715	0.06%	0.011%
36	9.936	1157	1167	1182	VV	2237732	41902270	68.17%	11.197%
37	10.030	1182	1183	1193	VV 6	2388	60935	0.10%	0.016%

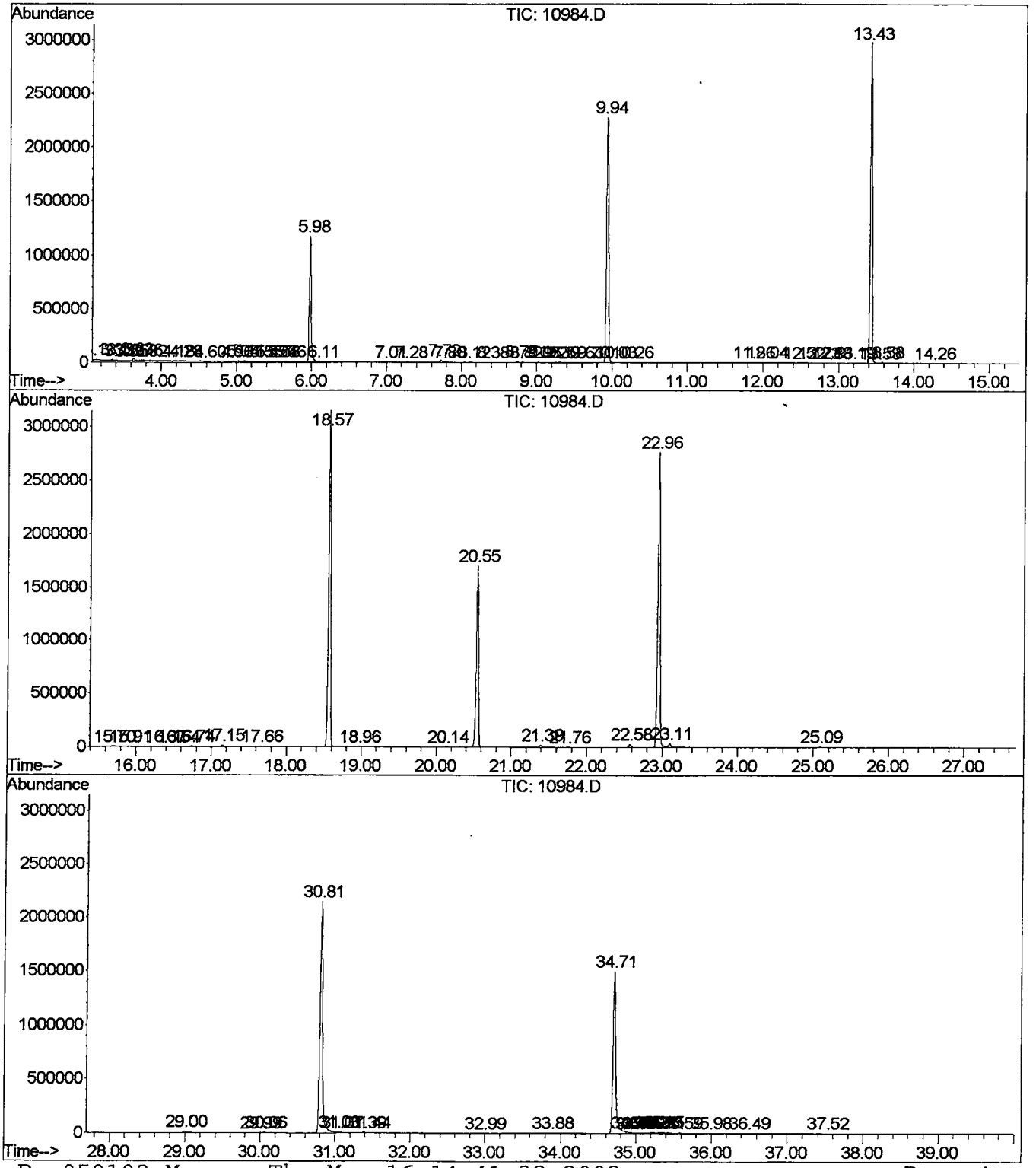
38	10.259	1218	1222	1226	PV	3	1888	24153	0.04%	0.006%
39	11.863	1482	1495	1507	BV	6	2449	41357	0.07%	0.011%
40	12.034	1520	1524	1532	VV	3	3141	59482	0.10%	0.016%
41	12.521	1593	1607	1612	PV	6	1655	37180	0.06%	0.010%
42	12.727	1637	1642	1654	VV	2	2035	47544	0.08%	0.013%
43	12.880	1665	1668	1670	PV	2	1924	22352	0.04%	0.006%
44	12.909	1670	1673	1680	VV	4	2617	46412	0.08%	0.012%
45	13.197	1705	1722	1737	PV	2	4551	106258	0.17%	0.028%
46	13.432	1752	1762	1777	VV		2990871	56498162	91.91%	15.097%
47	13.532	1777	1779	1782	VV	3	2097	31795	0.05%	0.008%
48	13.579	1782	1787	1793	VV		10325	189171	0.31%	0.051%
49	14.266	1899	1904	1909	PV	4	1682	33907	0.06%	0.009%
50	15.700	2143	2148	2172	VV	5	3005	81155	0.13%	0.022%
51	15.906	2172	2183	2187	PV	5	1657	42738	0.07%	0.011%
52	16.376	2254	2263	2272	VV	4	1845	44281	0.07%	0.012%
53	16.540	2288	2291	2302	VV	5	1927	49122	0.08%	0.013%
54	16.746	2321	2326	2341	VV	3	6322	156728	0.25%	0.042%
55	17.145	2384	2394	2401	VV	4	13618	244246	0.40%	0.065%
56	17.662	2472	2482	2491	PV	3	5957	101089	0.16%	0.027%
57	18.573	2625	2637	2668	PV		3111735	61471362	100.00%	16.426%
58	18.961	2696	2703	2713	VV	3	2481	60884	0.10%	0.016%
59	20.142	2897	2904	2911	VV	3	2994	70133	0.11%	0.019%
60	20.547	2953	2973	2985	VV		1694400	33757235	54.92%	9.020%
61	21.393	3106	3117	3132	VV	4	18354	315351	0.51%	0.084%
62	21.758	3173	3179	3185	VV	5	2724	56859	0.09%	0.015%
63	22.580	3308	3319	3330	VV	2	26905	506150	0.82%	0.135%
64	22.956	3368	3383	3402	VV	2	2724196	59358879	96.56%	15.861%
65	23.109	3402	3409	3434	VV		33761	904786	1.47%	0.242%
66	25.089	3741	3746	3754	VV	2	4687	83911	0.14%	0.022%
67	28.996	4405	4411	4429	PV	3	14115	345539	0.56%	0.092%
68	29.989	4571	4580	4588	PV	4	2276	70410	0.11%	0.019%
69	30.066	4588	4593	4599	VV	4	6120	112109	0.18%	0.030%
70	30.812	4704	4720	4756	PV	2	2119727	50542896	82.22%	13.505%
71	31.035	4756	4758	4763	VV	5	7228	147142	0.24%	0.039%
72	31.076	4763	4765	4782	VV	9	6048	241332	0.39%	0.064%
73	31.388	4808	4818	4825	PV	8	6135	180855	0.29%	0.048%
74	31.446	4825	4828	4834	VV	6	1782	36113	0.06%	0.010%
75	32.986	5076	5090	5096	VV	5	1973	46409	0.08%	0.012%
76	33.885	5239	5243	5248	VV	3	2704	49861	0.08%	0.013%
77	34.713	5369	5384	5419	PV	2	1514233	39545008	64.33%	10.567%
78	34.925	5419	5420	5430	VV	7	10348	335032	0.55%	0.090%
79	34.995	5430	5432	5440	VV	9	5725	174725	0.28%	0.047%
80	35.060	5440	5443	5445	VV	4	5515	85058	0.14%	0.023%
81	35.089	5445	5448	5451	VV	4	4951	85886	0.14%	0.023%
82	35.166	5451	5461	5462	VV	7	6396	195922	0.32%	0.052%
83	35.207	5462	5468	5470	VV	6	9681	221896	0.36%	0.059%
84	35.236	5470	5473	5477	VV	5	10555	229983	0.37%	0.061%
85	35.266	5477	5478	5483	VV	4	8163	152469	0.25%	0.041%
86	35.324	5483	5488	5490	VV	5	9399	205562	0.33%	0.055%
87	35.348	5490	5492	5502	VV	9	10262	343891	0.56%	0.092%

89	35.977	5593	5599	5606	VV	6	2093	60486	0.10%	0.016%
90	36.488	5672	5686	5692	VV	8	2854	113654	0.18%	0.030%
91	37.516	5858	5861	5867	VV	5	1947	30403	0.05%	0.008%

Sum of corrected areas: 374242697

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\051402\10984.D
Operator : Mclean
Acquired : 14 May 2002 11:17 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/10 kb
Misc Info :
Vial Number: 13
Quant File :050102.RES (Chemstation Integrator)



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Acq On : 14 May 2002 11:17 pm Operator: Mclean
Sample : 5/10 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

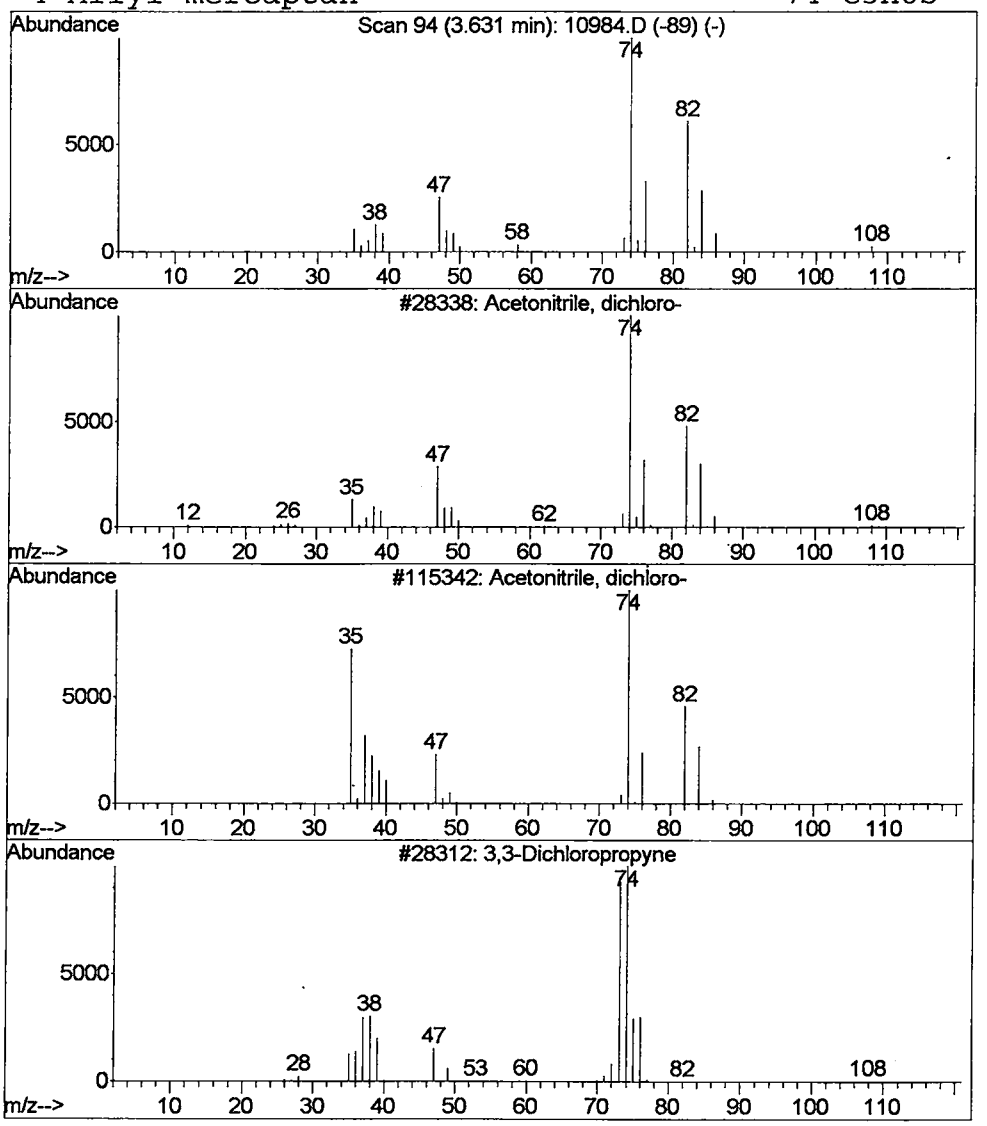
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

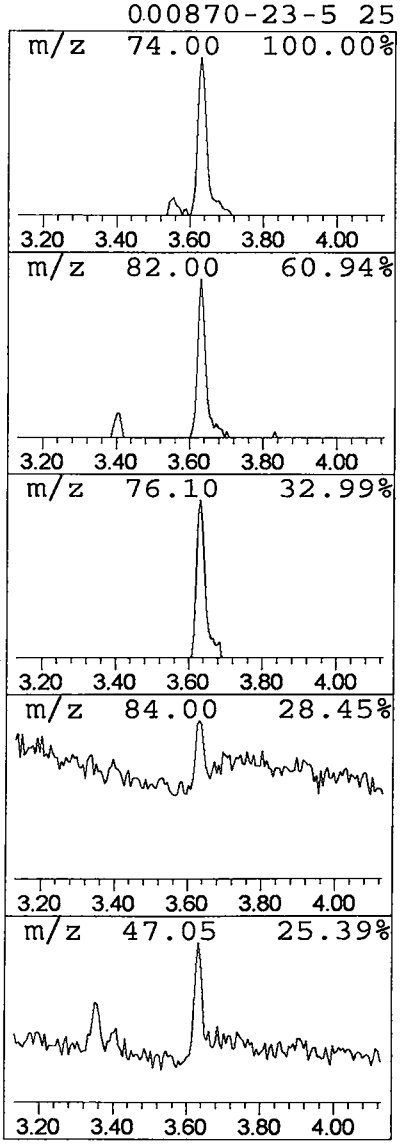
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	0.34 ug/L	352697	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	90
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
3	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	25
4	Allyl mercaptan	74	C3H6S	000870-23-5	25





Data File : C:\MSDCHEM\1\DATA\051402\10984.D Vial: 13
Acq On : 14 May 2002 11:17 pm Operator: Mclean
Sample : 5/10 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

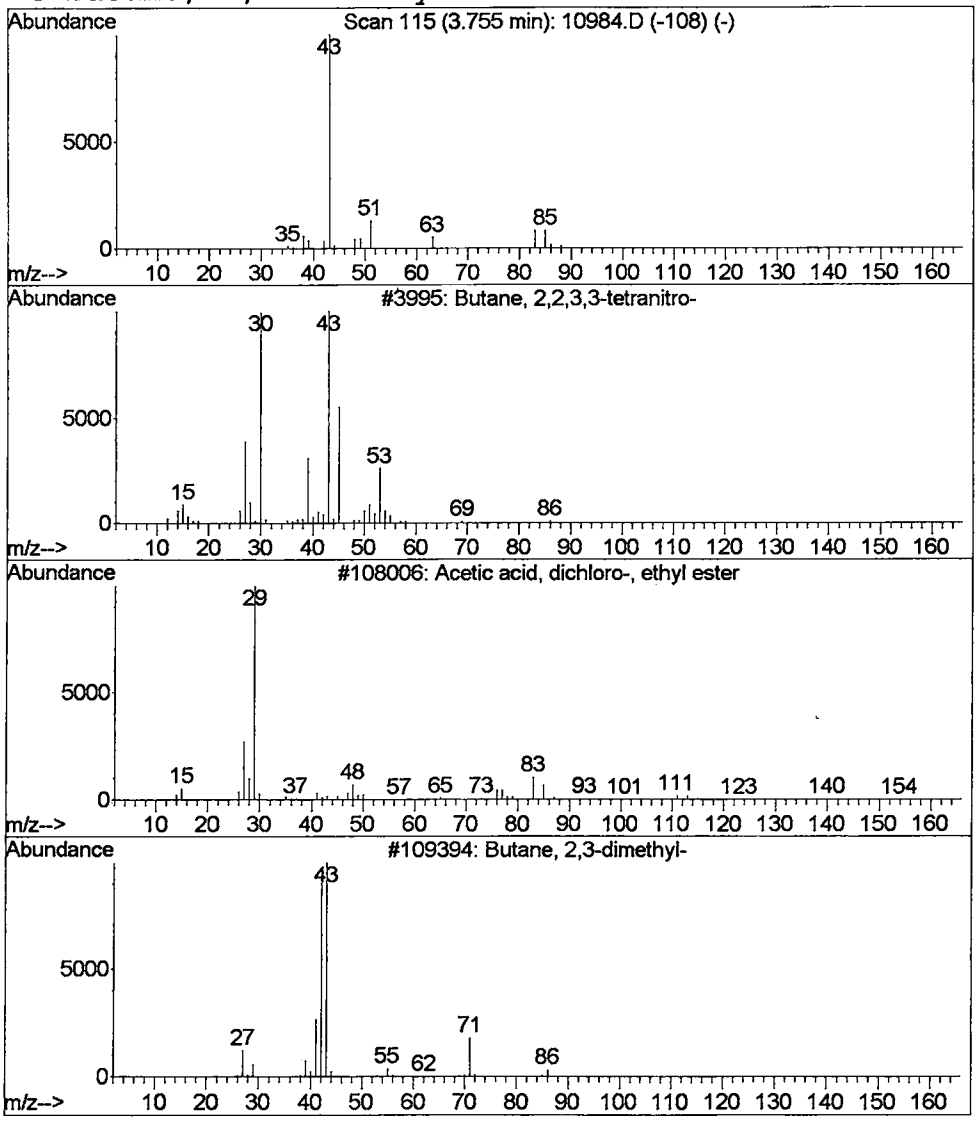
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

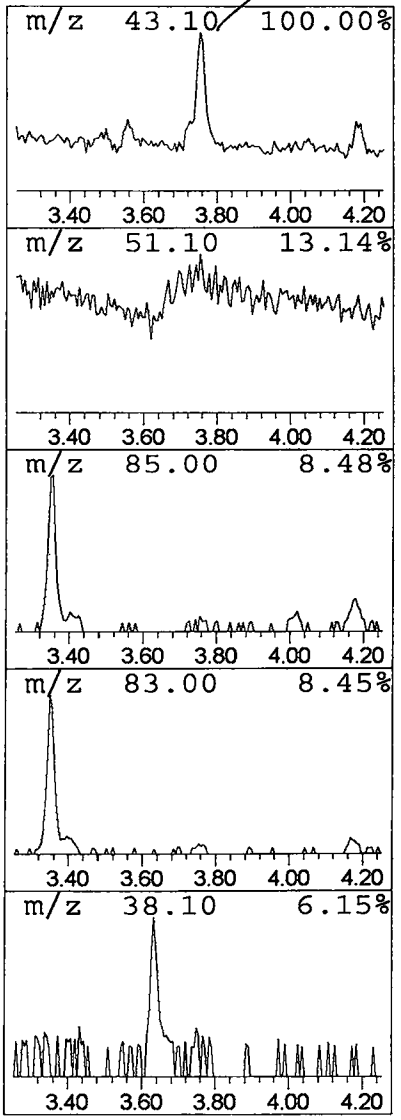
****

Peak Number 2 Butane, 2,2,3,3-tetranitro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	0.34 ug/L	352158	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetranitro-	238	C4H6N4O8	020919-97-5	4
2	Acetic acid, dichloro-, ethyl ester	156	C4H6Cl2O2	000535-15-9	4
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	3
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	2





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Acq On : 14 May 2002 11:17 pm Operator: Mclean
Sample : 5/10 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

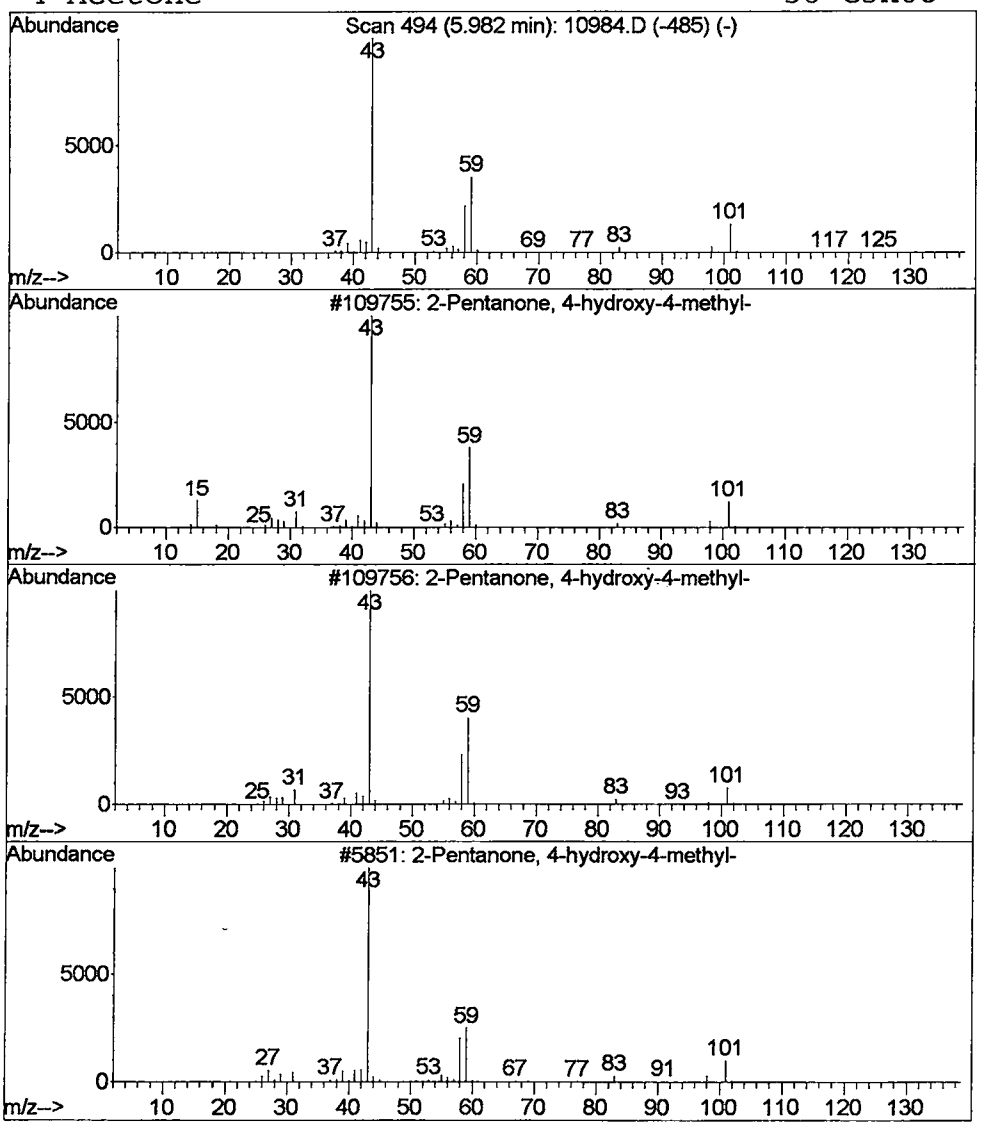
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

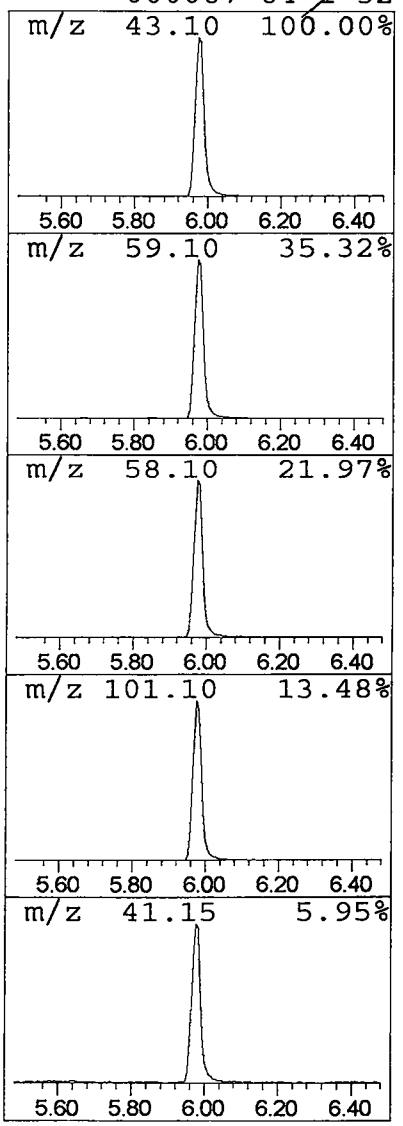
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	19.60 ug/L	20532300	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	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	64
4	Acetone	58	C3H6O	000067-64-1	32





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Acq On : 14 May 2002 11:17 pm Operator: Mclean
Sample : 5/10 kb Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

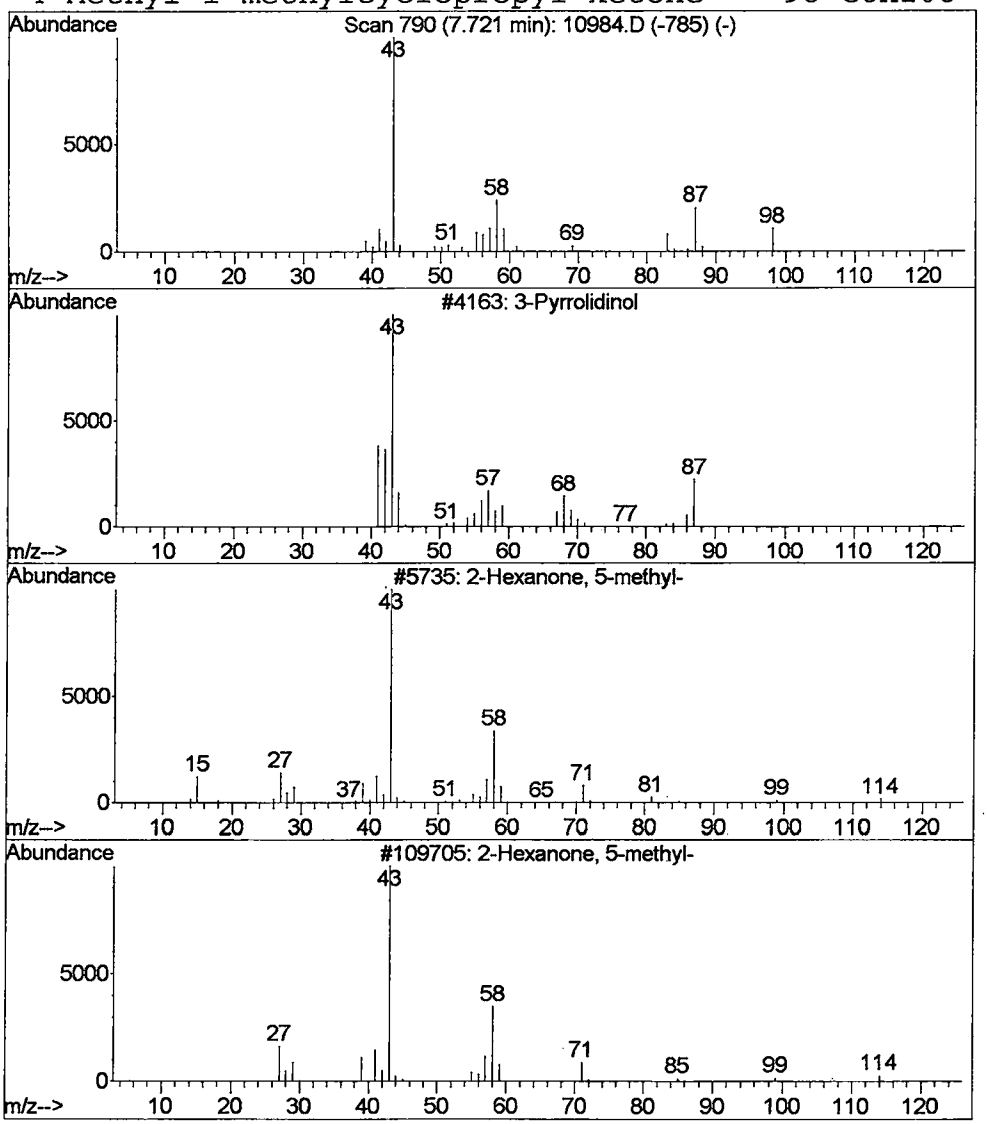
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

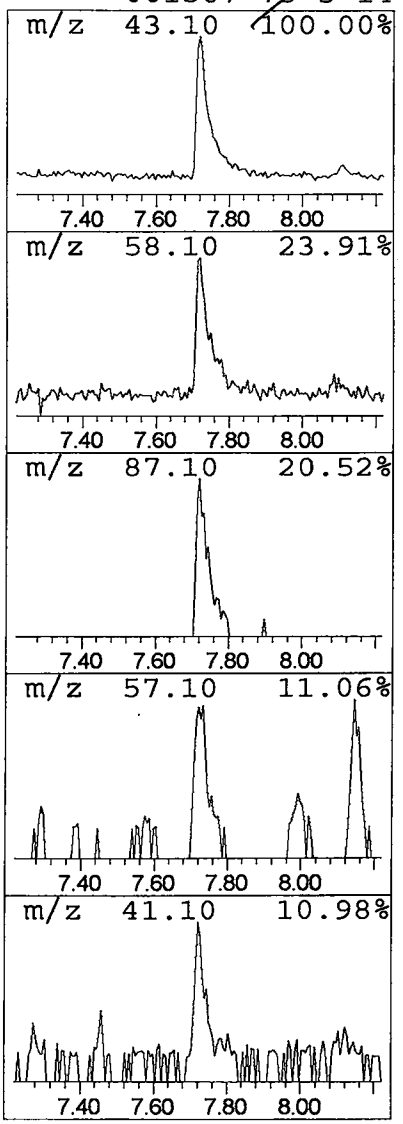
****

Peak Number 4 3-Pyrrolidinol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	0.43 ug/L	448707	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyrrolidinol	87	C4H9NO	040499-83-0	37
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	28
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	28
4	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	14





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MS Integration Params: LSCINT.e

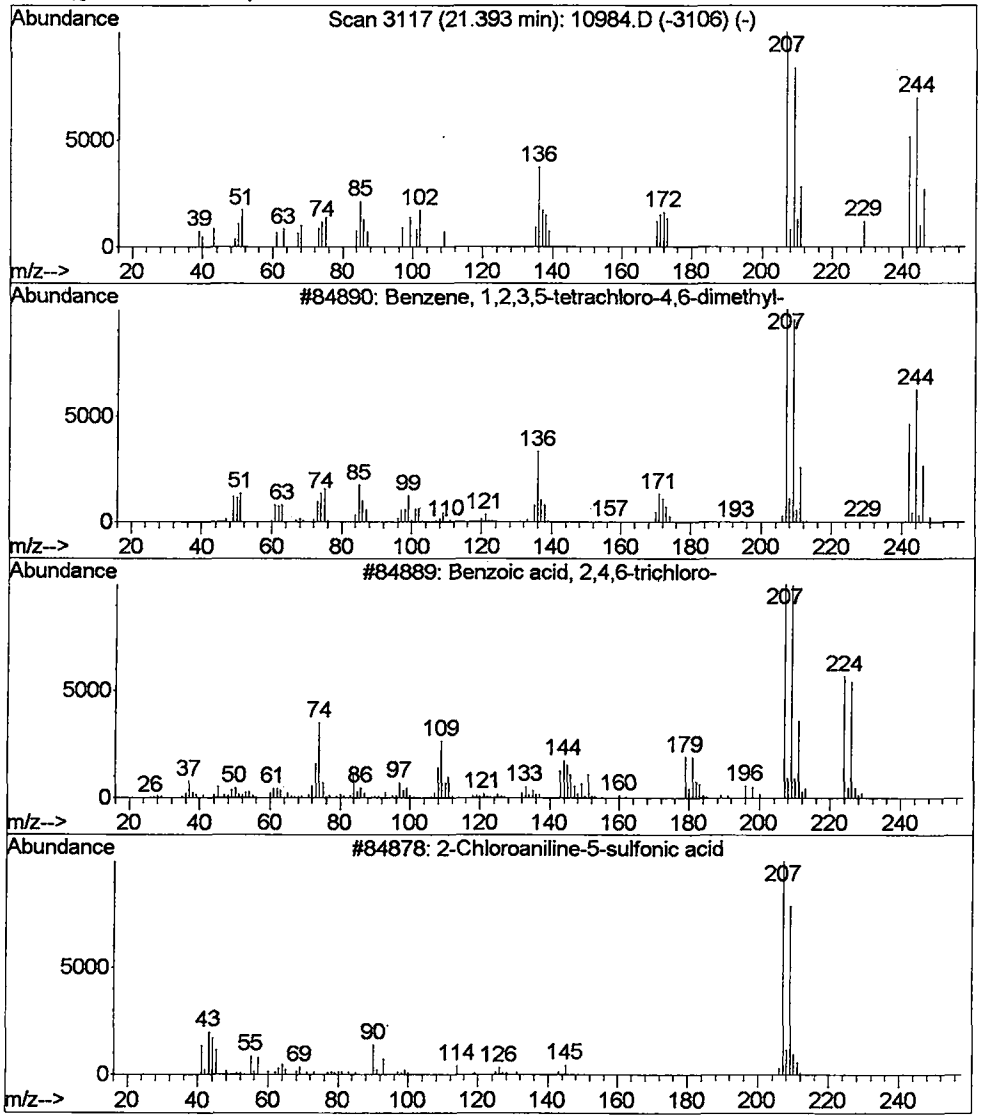
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

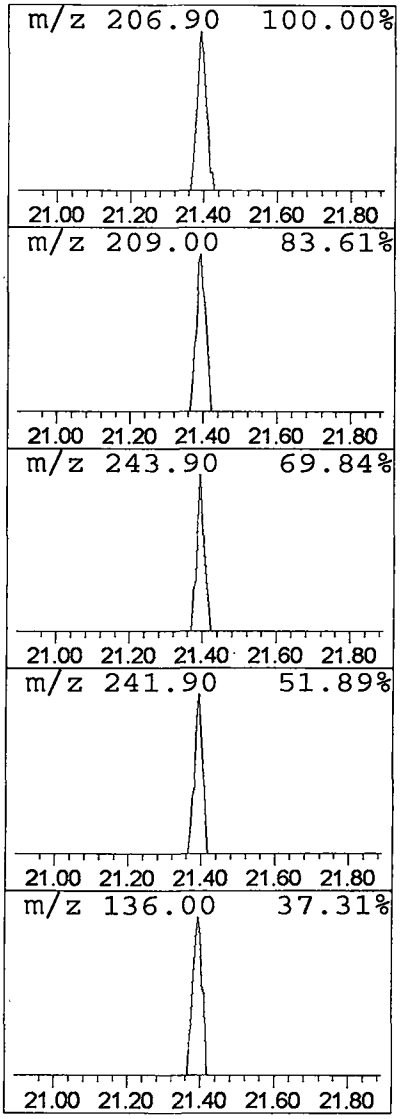
****

Peak Number 5 Benzene, 1,2,3,5-tetrachlor... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	0.21 ug/L	315351	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetrachloro-4,6...	242	C8H6Cl4	000877-09-8	95
2	Benzoic acid, 2,4,6-trichloro-	224	C7H3Cl3O2	000050-43-1	47
3	2-Chloroaniline-5-sulfonic acid	207	C6H6ClNO3S	000098-36-2	46
4	Quinoline, 3-bromo-	207	C9H6BrN	005332-24-1	43





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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

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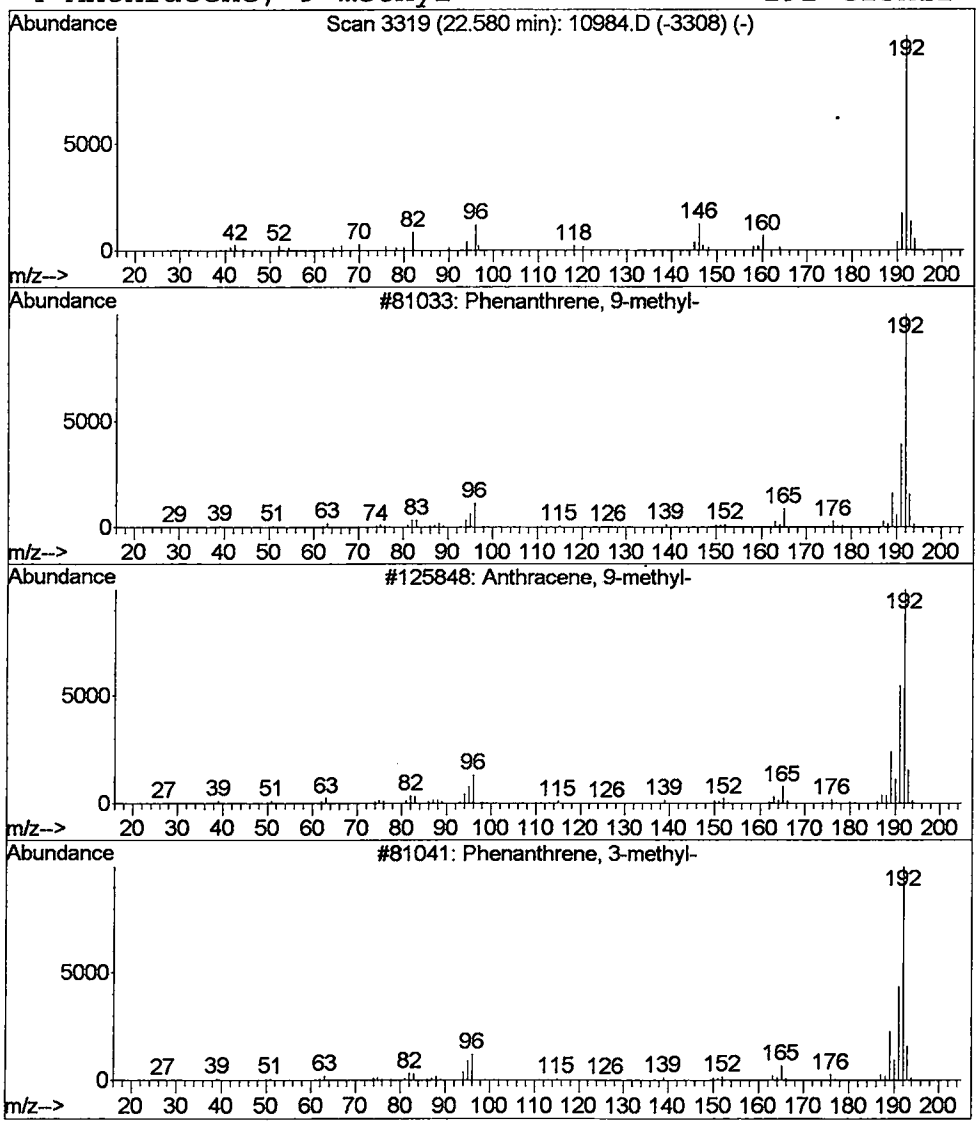
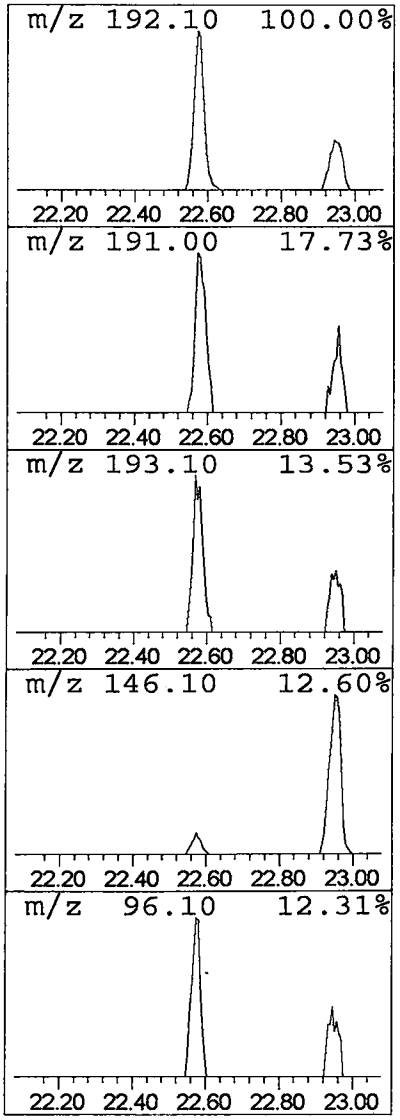
Peak Number 6 Phenanthrene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.34 ug/L	506150	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	59
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	45
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	45
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	45





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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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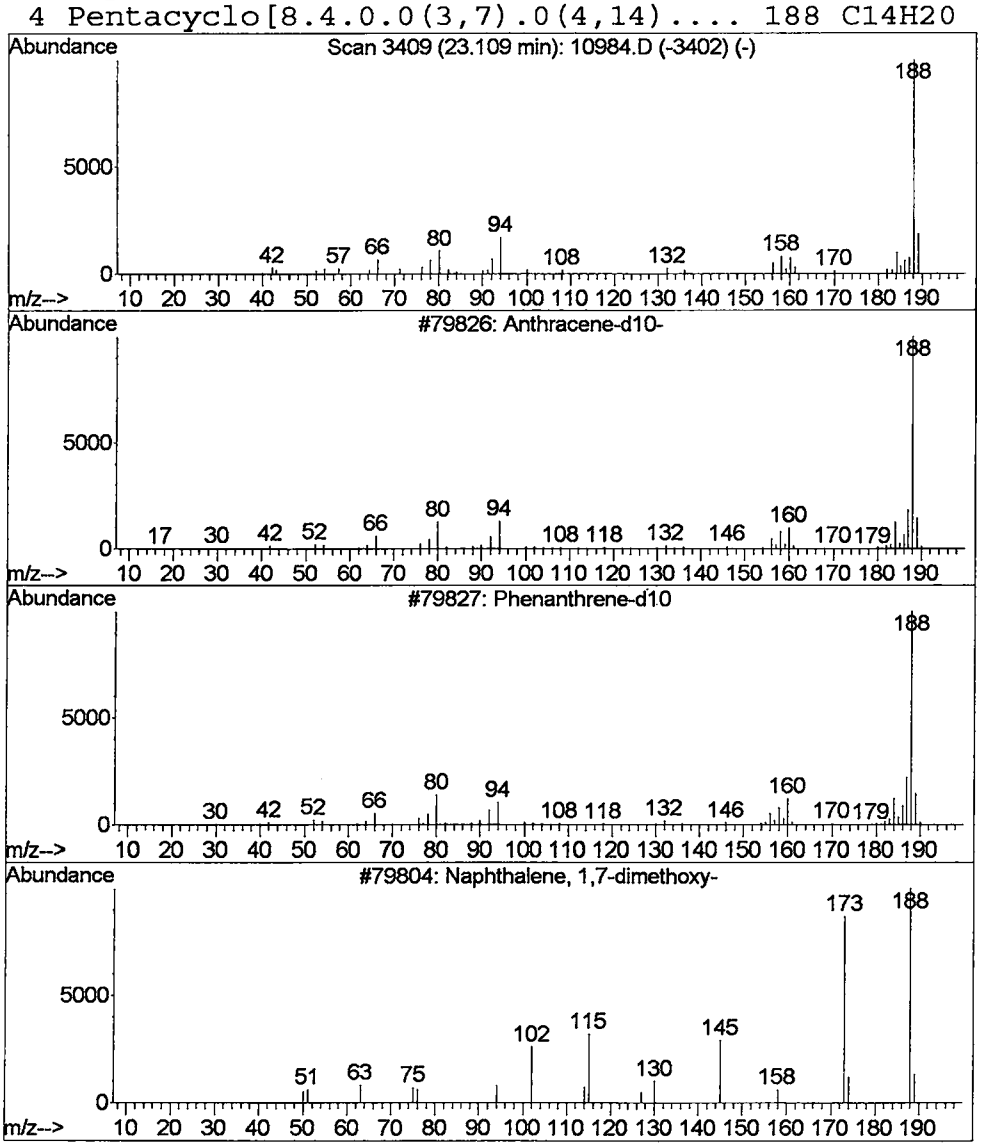
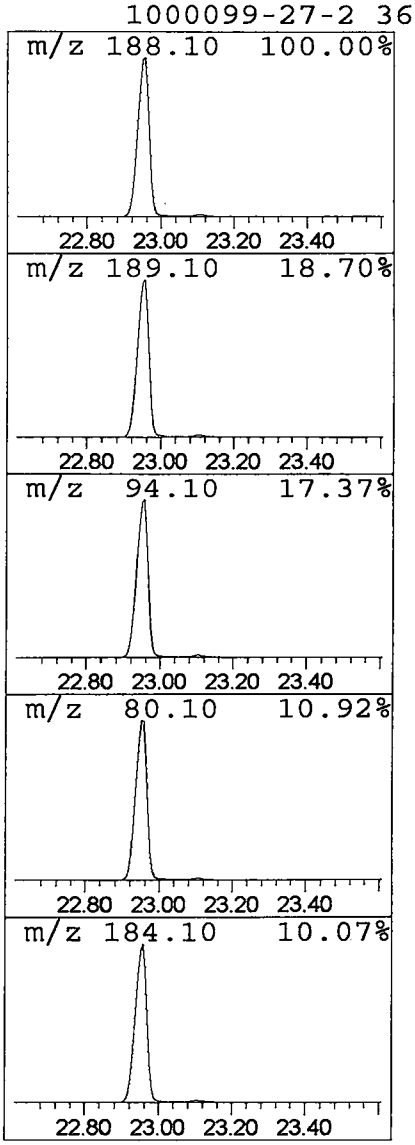
Peak Number 7 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.61 ug/L	904786	Phenanthranene-d10	22.96

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	90
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	36
4	Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	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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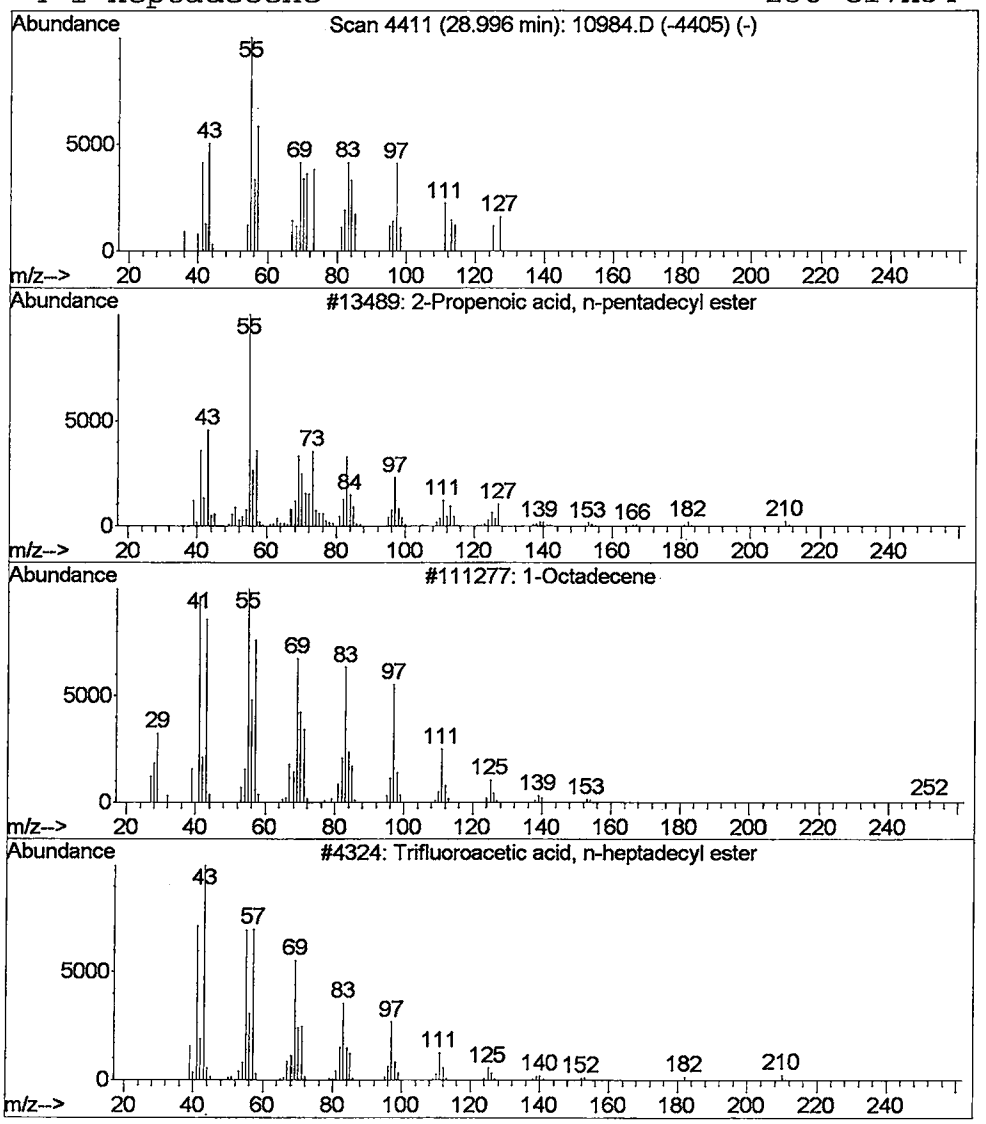
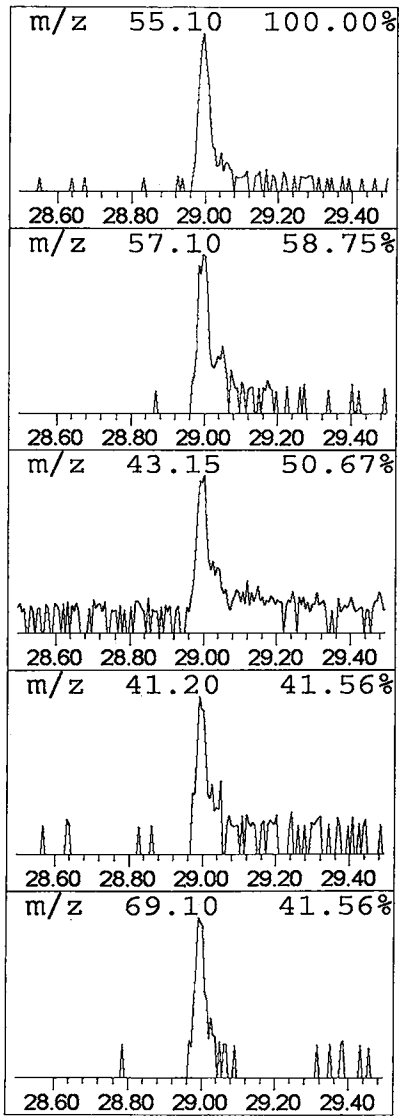
Peak Number 8 2-Propenoic acid, n-pentade... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.00	0.27 ug/L	345539	Chrysene-d12	30.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, n-pentadecyl e...	282	C18H34O2	1000245-64-0	83
2	1-Octadecene	252	C18H36	000112-88-9	64
3	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	58
4	1-Heptadecene	238	C17H34	006765-39-5	53





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Vial: 13
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

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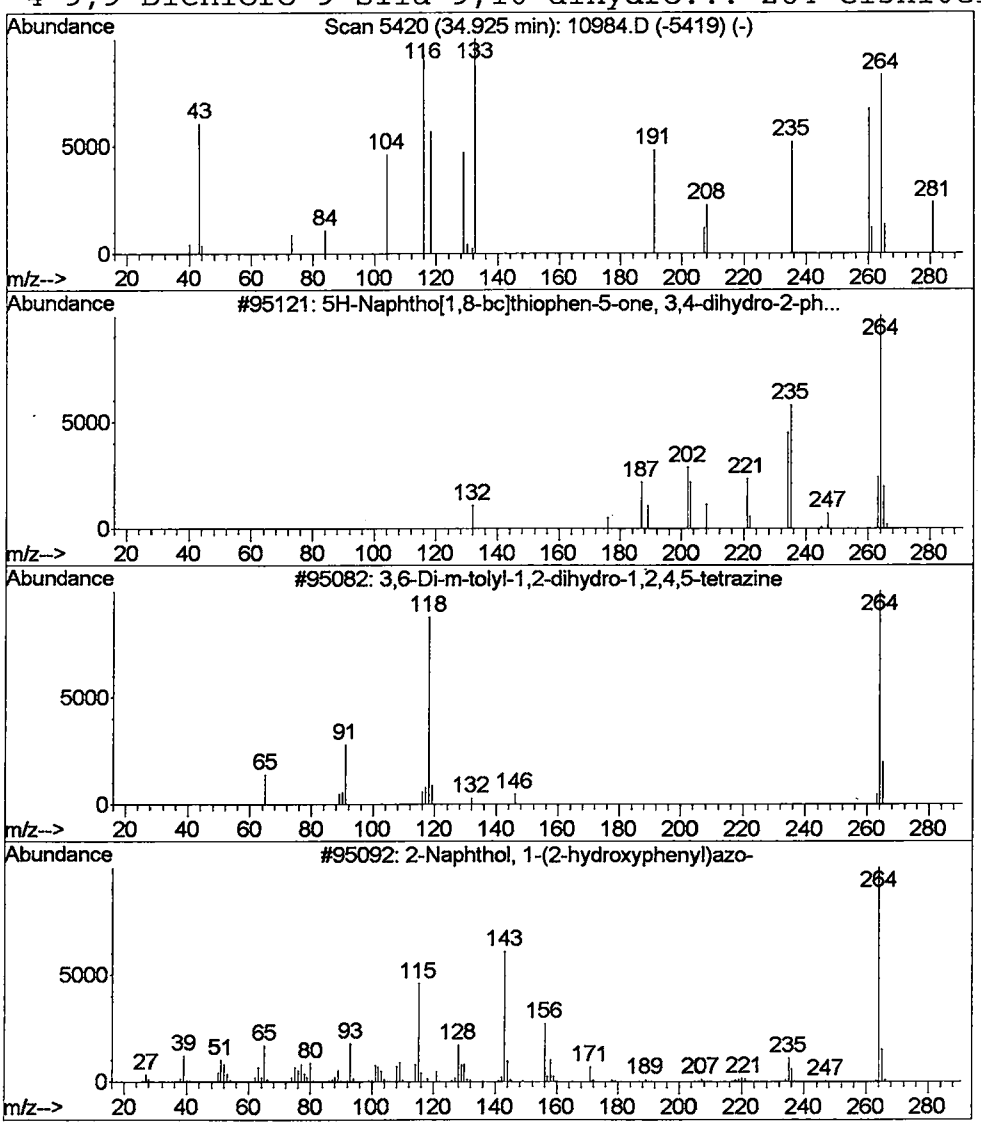
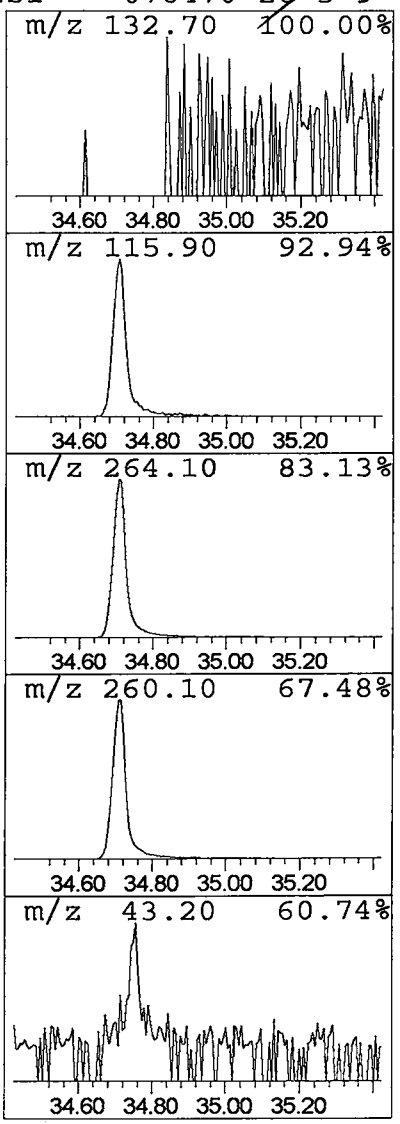
Peak Number 9 5H-Naphtho[1,8-bc]thiophen-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.92	0.34 ug/L	335032	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Naphtho[1,8-bc]thiophen-5-one...	264	C17H12OS	010245-65-5	12
2	3,6-Di-m-tolyl-1,2-dihydro-1,2,4...	264	C16H16N4	068614-68-6	10
3	2-Naphthol, 1-(2-hydroxyphenyl)azo-	264	C16H12N2O2	1000196-48-4	9
4	9,9-Dichloro-9-sila-9,10-dihydro...	264	C13H10Cl2Si	076470-26-3	9





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Vial: 13
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

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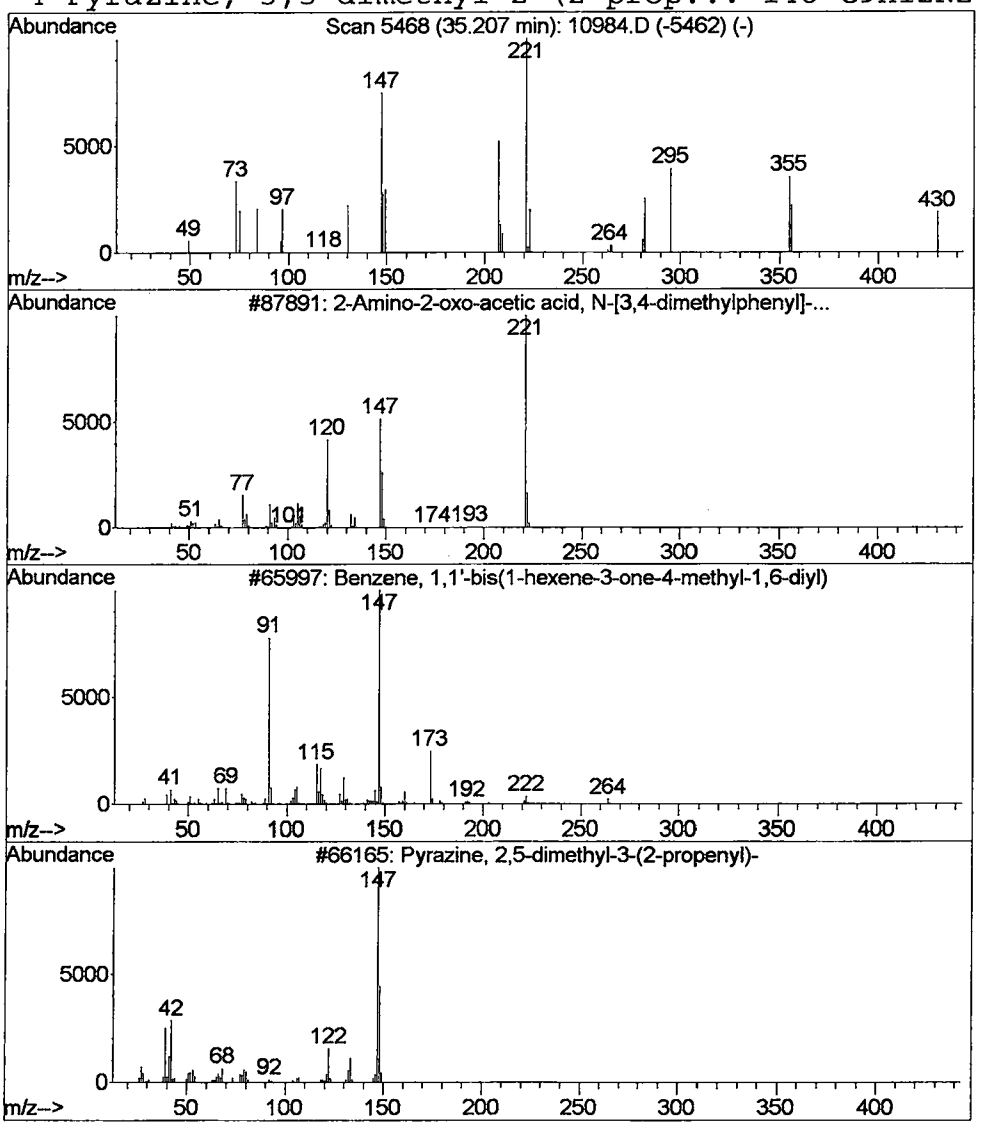
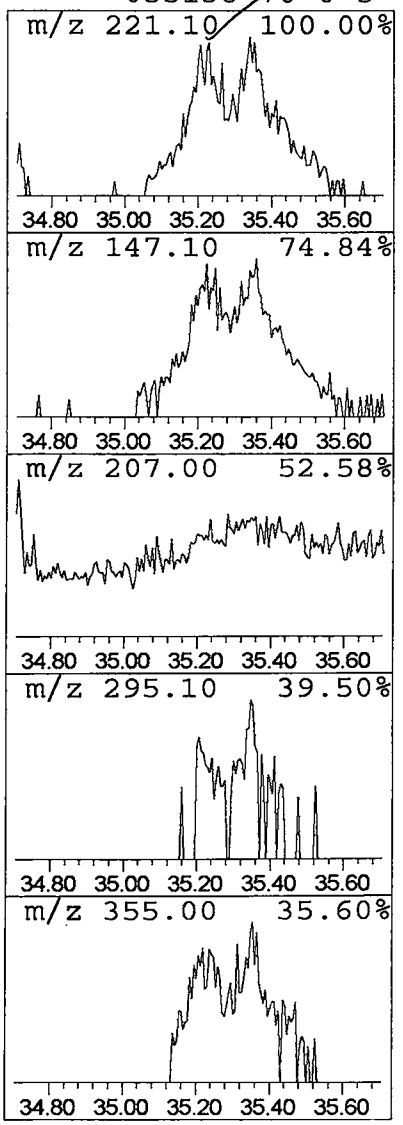
Peak Number 10 2-Amino-2-oxo-acetic acid, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.21	0.22 ug/L	221896	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	1000127-85-3	9
2	Benzene, 1,1'-bis(1-hexene-3-one...	264	C19H20O	1000197-94-8	7
3	Pyrazine, 2,5-dimethyl-3-(2-prop...	148	C9H12N2	055138-69-7	5
4	Pyrazine, 3,5-dimethyl-2-(2-prop...	148	C9H12N2	055138-70-0	5





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Acq On : 14 May 2002 11:17 pm
Sample : 5/10 kb
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Vial: 13
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

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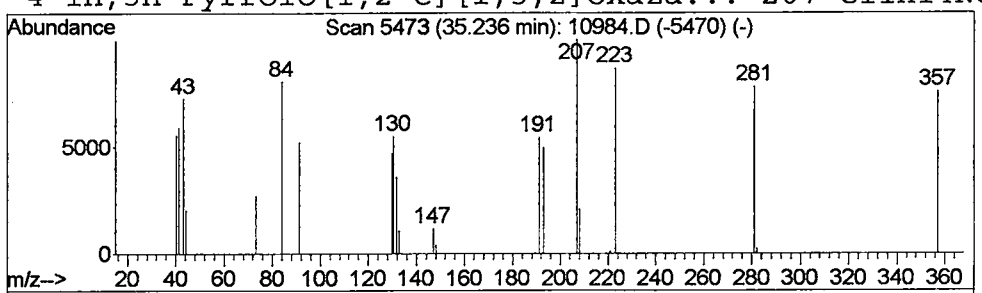
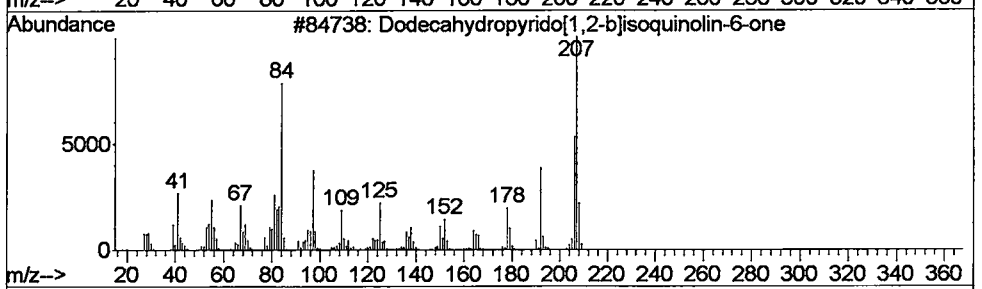
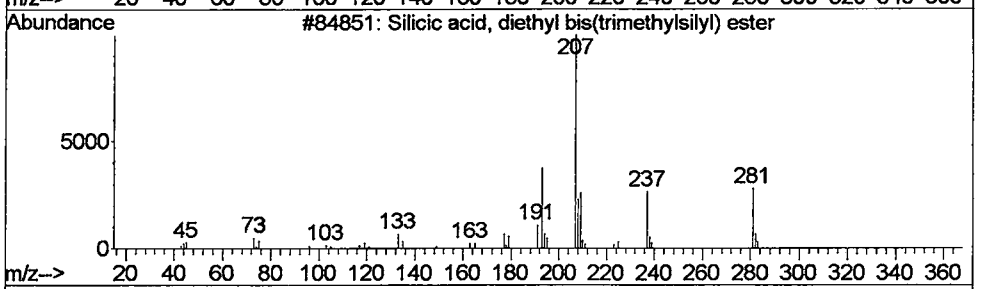
Peak Number 11 Dodecahydropyrido[1,2-b]iso... Concentration Rank 10

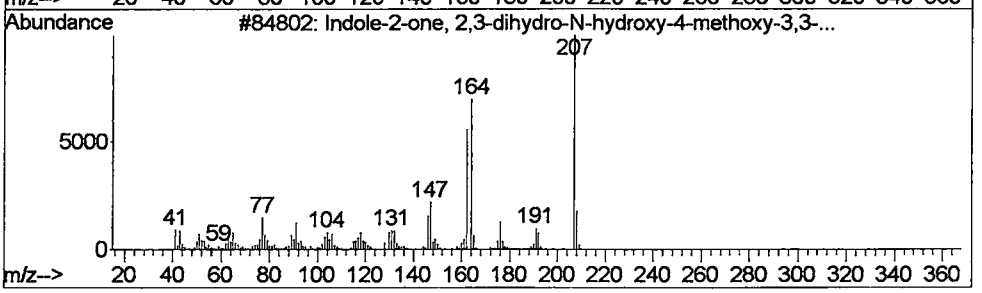
R.T.	EstConc	Area	Relative to ISTD	R.T.
35.24	0.23 ug/L	229983	Perylene-d12	34.71

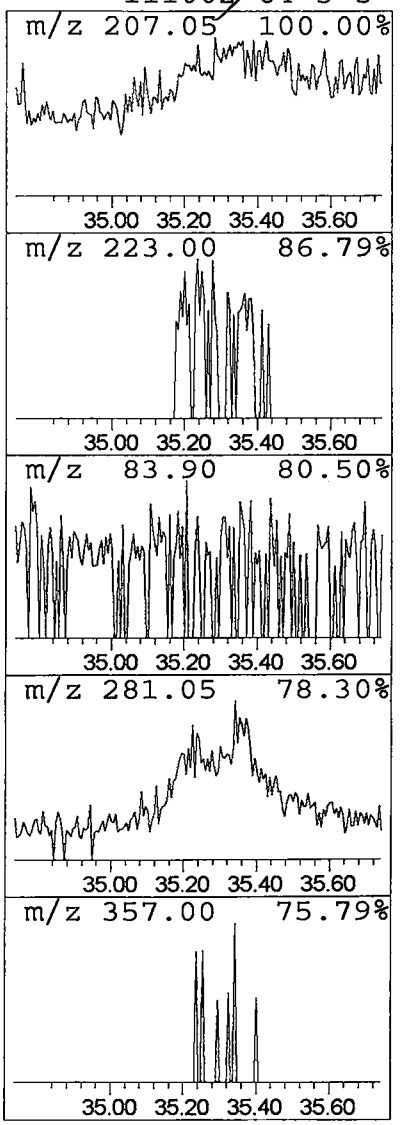
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecahydropyrido[1,2-b]isoquino...	207	C13H21NO	1000195-30-7	10
2	Silicic acid, diethyl bis(trimet...	296	C10H28O4Si3	003555-45-1	10
3	Indole-2-one, 2,3-dihydro-N-hydr...	207	C11H13NO3	1000129-52-1	9
4	1H,3H-Pyrrolo[1,2-c][1,3,2]oxaza...	207	C11H14NOP	111002-64-3	5











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Misc :
MS Integration Params: LSCINT.e

Vial: 13
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

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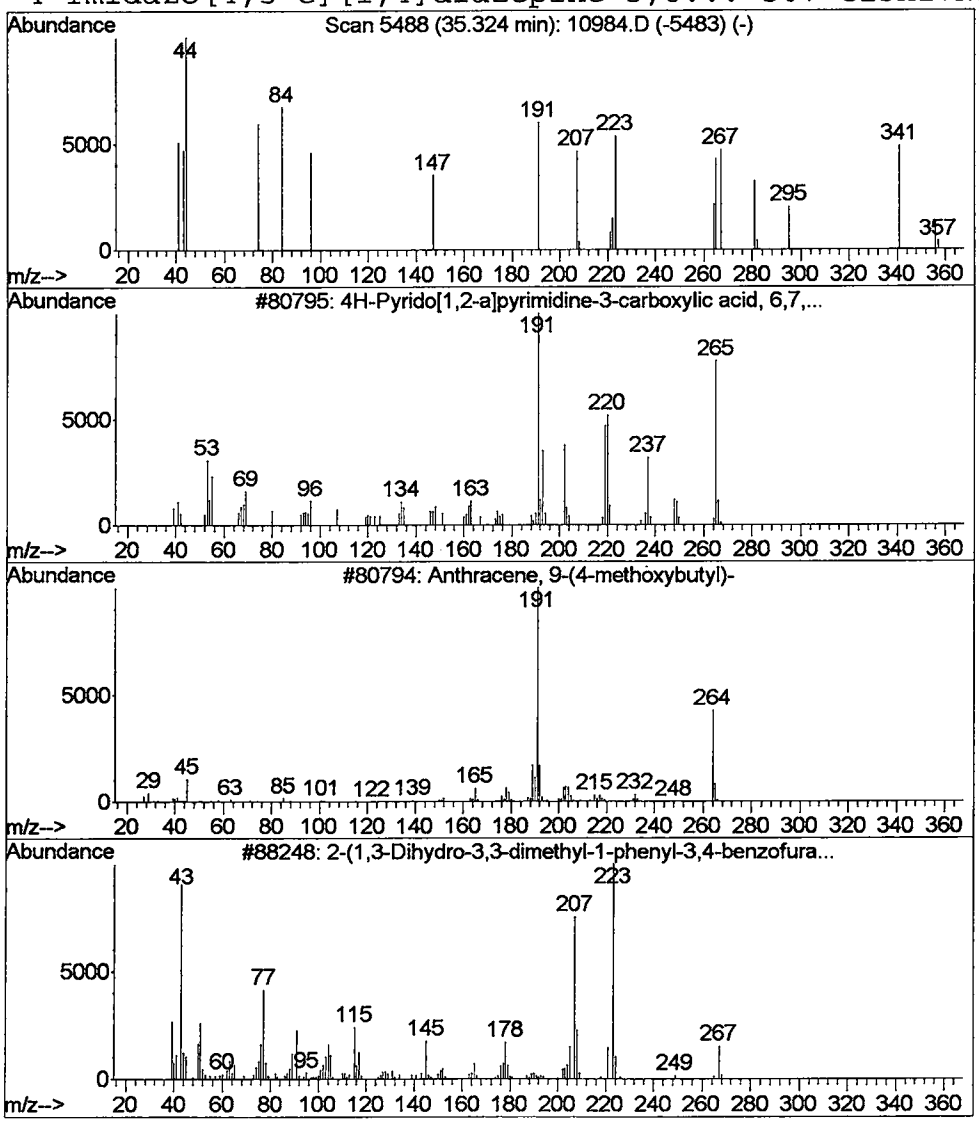
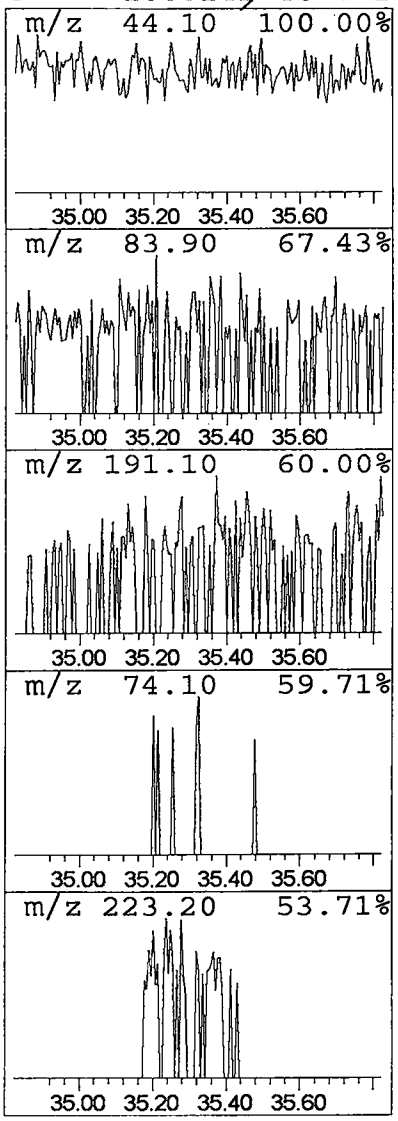
Peak Number 12 4H-Pyrido[1,2-a]pyrimidine-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.33	0.21 ug/L	205562	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Pyrido[1,2-a]pyrimidine-3-car...	265	C12H15N3O4	064399-30-0	9
2	Anthracene, 9-(4-methoxybutyl)-	264	C19H20O	1000154-36-9	5
3	2-(1,3-Dihydro-3,3-dimethyl-1-ph...	282	C18H18O3	1000224-12-9	4
4	Imidazo[4,5-e][1,4]diazepine-5,8...	307	C13H17N5O4	1000142-46-7	2





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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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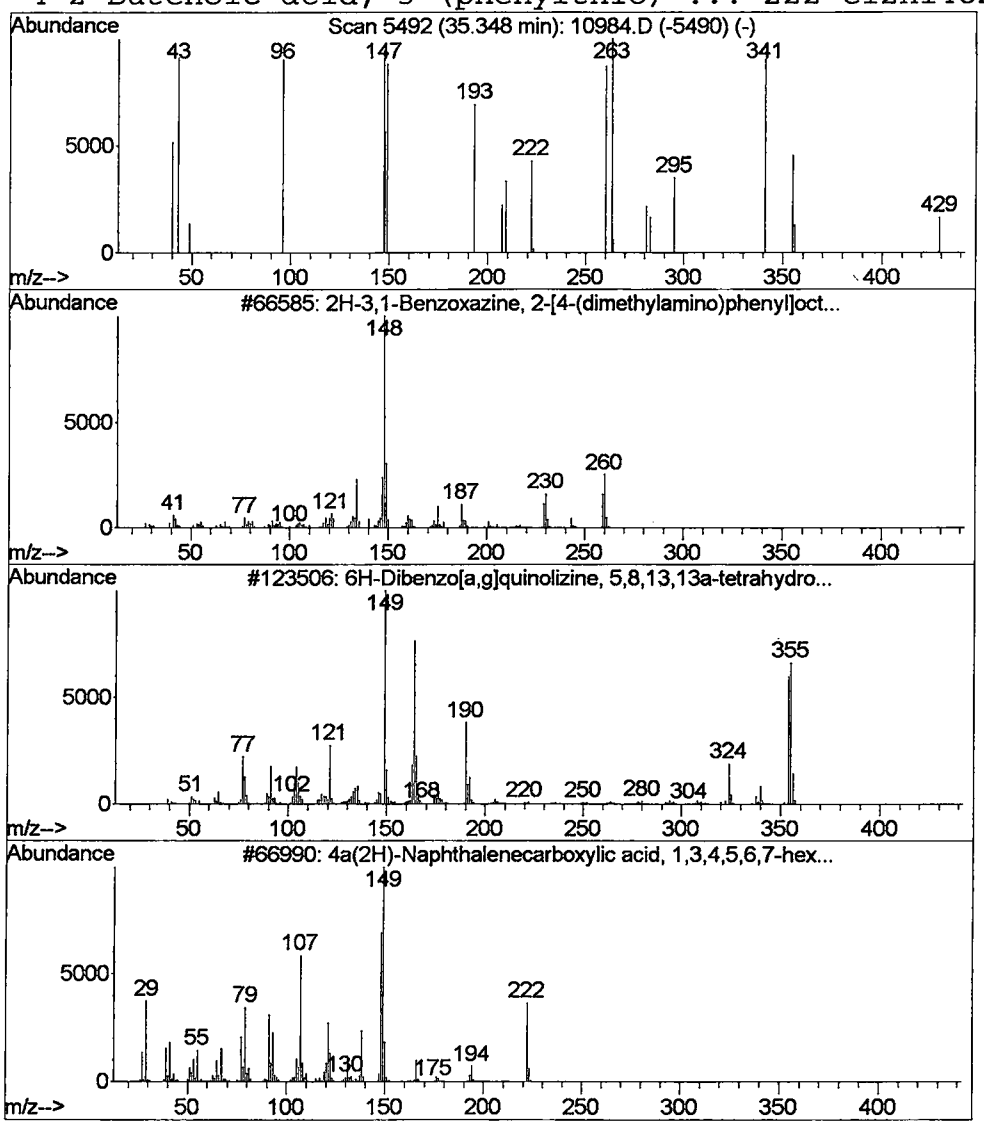
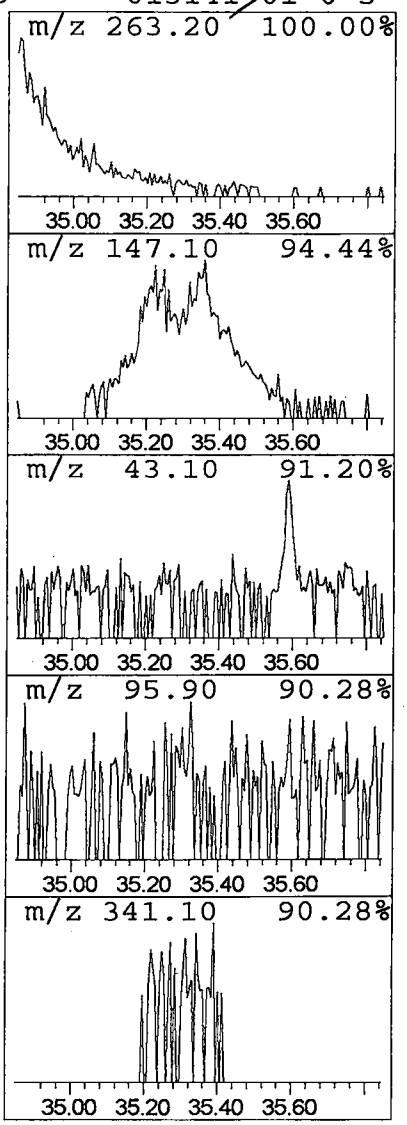
Peak Number 13 2H-3,1-Benzoxazine, 2-[4-(d... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.35	0.35 ug/L	343891	Perylene-d12	34.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-3,1-Benzoxazine, 2-[4-(dimeth...	260	C16H24N2O	142927-50-2	9
2	6H-Dibenzo[a,g]quinolizine, 5,8,...	355	C21H25NO4	002934-97-6	9
3	4a(2H)-Naphthalenecarboxylic aci...	222	C13H18O3	007478-39-9	7
4	2-Butenoic acid, 3-(phenylthio)-...	222	C12H14O2S	013141-01-0	5





Tentatively Identified Compound (TIC) Summary

Operator ID: Mclean Date Acquired: 14 May 2002 11:17 pm
Data File: C:\MSDCHEM\1\DATA\051402\10984.D
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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Acetonitrile, dic...	3.63	0.3	ug/L	352697	1	9.94	41902300	40.0
Butane, 2,2,3,3-t...	3.76	0.3	ug/L	352158	1	9.94	41902300	40.0
2-Pentanone, 4-hy...	5.98	19.6	ug/L	20532300	1	9.94	41902300	40.0
3-Pyrrolidinol	7.72	0.4	ug/L	448707	1	9.94	41902300	40.0
Benzene, 1,2,3,5-...	21.39	0.2	ug/L	315351	4	22.96	59358900	40.0
Phenanthrene, 9-m...	22.58	0.3	ug/L	506150	4	22.96	59358900	40.0
Anthracene-d10-	23.11	0.6	ug/L	904786	4	22.96	59358900	40.0
2-Propenoic acid,...	29.00	0.3	ug/L	345539	5	30.81	50542900	40.0
5H-Naphtho[1,8-bc...	34.92	0.3	ug/L	335032	6	34.71	39545000	40.0
2-Amino-2-oxo-ace...	35.21	0.2	ug/L	221896	6	34.71	39545000	40.0
Dodecahydropyrido...	35.24	0.2	ug/L	229983	6	34.71	39545000	40.0
4H-Pyrido[1,2-a]p...	35.33	0.2	ug/L	205562	6	34.71	39545000	40.0
2H-3,1-Benzoxazin...	35.35	0.3	ug/L	343891	6	34.71	39545000	40.0