User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 15:50:43

Sample: AE11904
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/3/02 15:50 Ended: 6/3/02 15:50 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		10.0

Comments for Sample AE11904 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-03-2002 Time: 15:51:13

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 3 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052202\11904.D Vial: 11
Acq On : 22 May 2002 9:58 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 08:42:10 2002 Quant Results File: Q50102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.90	152	4810639	40.00	ug/L	-0.03
10) Napthalene-d8	13.39	136	19014198	40.00	ug/L	-0.04
17) Acenapthalene-d10	18.53	164	10510761	40.00	ug/L	-0.04
29) Phenanthranene-d10	22.91	188	15898299	40.00	ug/L	-0.04
37) Chrysene-d12	30.76	240	10349994	40.00	ug/L	-0.05
43) Perylene-d12	34.66	264	5771859	40.00	ug/L	-0.05
System Monitoring Compounds						
27) TCMX	20.51	209	2159994	33.85	ug/L	-0.03
Spiked Amount 40.000			Recovery = 84.63%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	0.00	74	0	N.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	20.51	77	33557	N.D.		
30) Nnitrosodiphenylamine	20.51	169	40452	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	25.05	149	34701	N.D.		

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

Quantitation Report (QT Reviewed)

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Sample : 5/21 ad Inst : Instrumen
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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 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	0.00	228	0	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)

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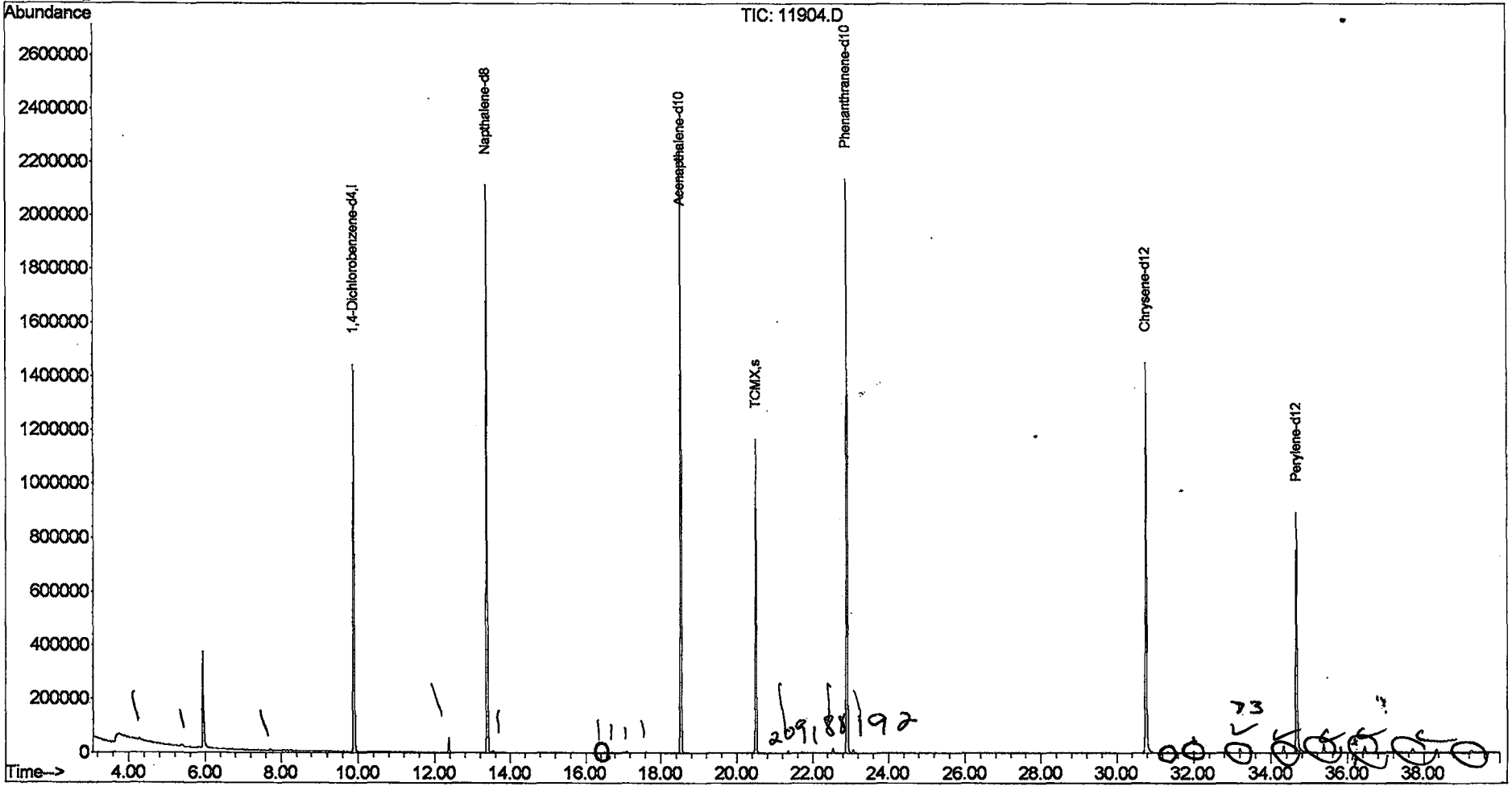
Acq On : 22 May 2002 9:58 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 8:42 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 22 15:21:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052202\11904.D Vial: 11
Acq On : 22 May 2002 9:58 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan

Signal : TIC

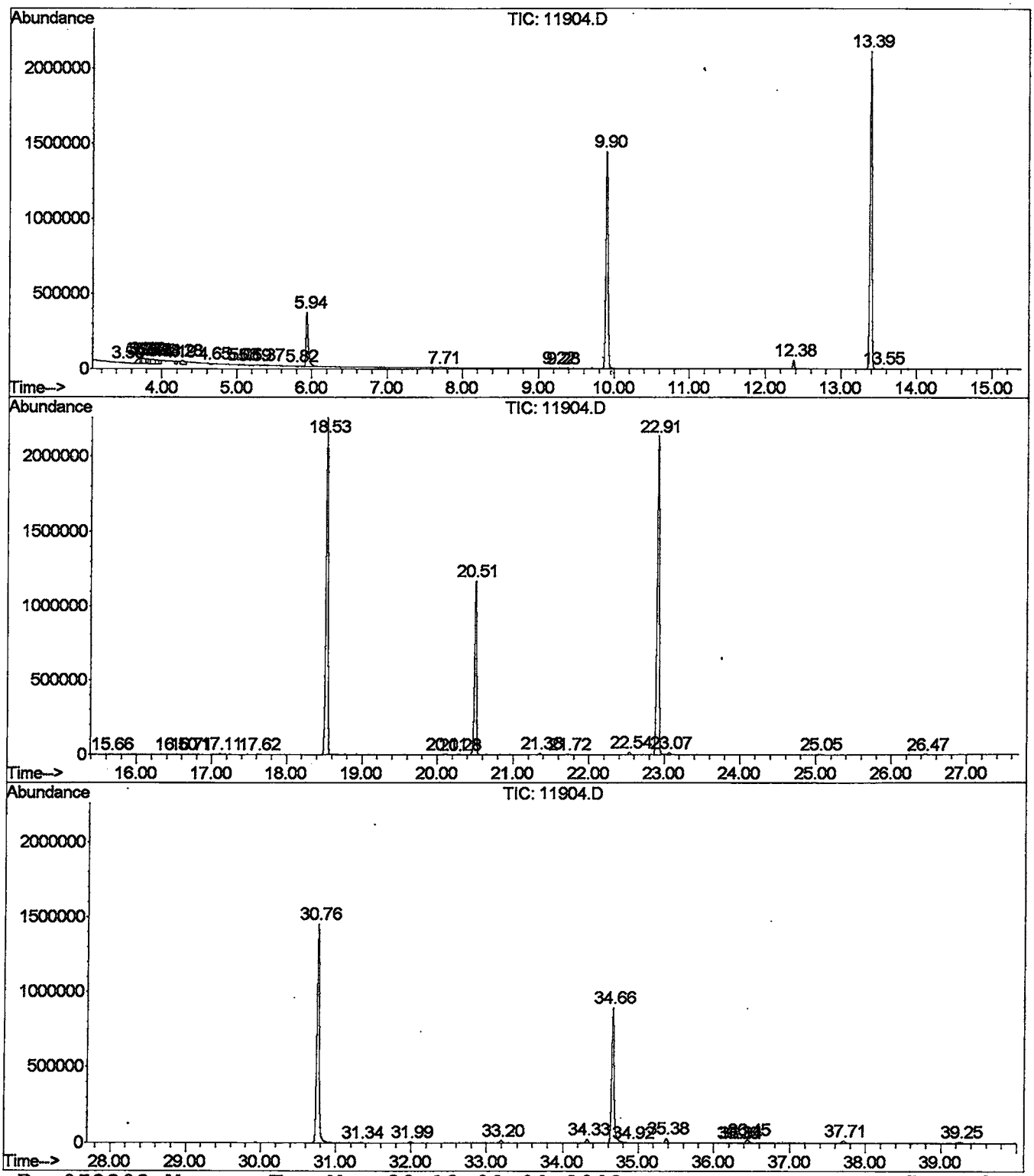
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.496	69	71	91	PV 8	2233	78537	0.18%	0.032%
2	3.702	91	106	108	PV 3	31415	936245	2.17%	0.377%
3	3.725	108	110	112	VV 3	31695	430998	1.00%	0.174%
4	3.749	112	114	121	VV 5	34463	1111141	2.58%	0.448%
5	3.802	121	123	126	VV 3	31243	449680	1.04%	0.181%
6	3.831	126	128	131	VV 4	29682	561650	1.30%	0.226%
7	3.861	131	133	142	VV 5	28708	1048499	2.43%	0.422%
8	3.919	142	143	150	VV 6	26257	695659	1.61%	0.280%
9	3.978	150	153	155	VV 4	24882	429010	1.00%	0.173%
10	4.190	186	189	191	VV 4	19433	307275	0.71%	0.124%
11	4.278	198	204	213	VV 4	24256	993173	2.31%	0.400%
12	4.654	265	268	271	VV 5	8248	138743	0.32%	0.056%
13	5.030	330	332	336	VV 3	4881	70294	0.16%	0.028%
14	5.059	336	337	342	VV 5	3860	63242	0.15%	0.025%
15	5.189	354	359	367	VV 10	2827	82844	0.19%	0.033%
16	5.371	380	390	404	VV 7	5953	243740	0.57%	0.098%
17	5.817	462	466	468	PV 4	1851	17824	0.04%	0.007%
18	5.935	480	486	515	PV	359868	7277886	16.89%	2.931%
19	7.709	785	788	801	PV 6	4369	103447	0.24%	0.042%
20	9.219	1038	1045	1048	VV 5	2414	41734	0.10%	0.017%
21	9.278	1051	1055	1060	PV 5	2037	36875	0.09%	0.015%
22	9.901	1148	1161	1176	PV	1442341	28555861	66.29%	11.501%
23	12.374	1575	1582	1592	PV	55543	849409	1.97%	0.342%
24	13.397	1746	1756	1773	PV	2089049	38728495	89.90%	15.599%
25	13.544	1777	1781	1788	VV 2	5014	95319	0.22%	0.038%
26	15.659	2129	2141	2149	VV 3	2367	59099	0.14%	0.024%
27	16.505	2280	2285	2292	PV 4	3087	51149	0.12%	0.021%
28	16.705	2313	2319	2331	VV 5	3442	85280	0.20%	0.034%
29	17.110	2384	2388	2393	VV 4	6058	90517	0.21%	0.036%
30	17.621	2467	2475	2479	VV 2	3151	42421	0.10%	0.017%
31	18.532	2613	2630	2645	PV	2265106	42761578	99.26%	17.223%
32	20.107	2888	2898	2908	PV 6	2531	55671	0.13%	0.022%
33	20.283	2923	2928	2935	VV 4	2220	38620	0.09%	0.016%
34	20.506	2944	2966	2974	PV	1150025	21396871	49.67%	8.618%
35	21.358	3104	3111	3116	PV 3	9034	138337	0.32%	0.056%
36	21.722	3168	3173	3178	BV 3	2542	43764	0.10%	0.018%
37	22.539	3299	3312	3331	VV 2	16586	301756	0.70%	0.122%

38	22.915	3365	3376	3396	PV	2	2128530	43078844	100.00%	17.351%
39	23.068	3396	3402	3410	VV		13131	263955	0.61%	0.106%
40	25.048	3734	3739	3745	PV	2	2295	44469	0.10%	0.018%
41	26.464	3958	3980	3987	PV	3	2065	54361	0.13%	0.022%
42	30.759	4696	4711	4748	PV	2	1434928	31921746	74.10%	12.857%
43	31.335	4802	4809	4819	VV	3	4169	77488	0.18%	0.031%
44	31.993	4915	4921	4931	PV	3	7154	135461	0.31%	0.055%
45	33.197	5108	5126	5135	PV	3	17320	359943	0.84%	0.145%
46	34.325	5310	5318	5332	VV	2	25817	561495	1.30%	0.226%
47	34.660	5360	5375	5417	PV	2	899881	21158267	49.12%	8.522%
48	34.913	5417	5418	5424	VV	7	2065	43576	0.10%	0.018%
49	35.377	5486	5497	5507	VV	2	30462	704966	1.64%	0.284%
50	36.300	5647	5654	5658	VV	7	3058	88063	0.20%	0.035%
51	36.335	5658	5660	5662	VV	3	2920	28316	0.07%	0.011%
52	36.447	5670	5679	5690	VV	2	22916	640479	1.49%	0.258%
53	37.710	5884	5894	5909	VV	5	14032	472919	1.10%	0.190%
54	39.255	6143	6157	6166	PV	4	6310	233793	0.54%	0.094%

Sum of corrected areas: 248280780

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052202\11904.D
Operator : Mclean
Acquired : 22 May 2002 9:58 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/21 ad
Misc Info :
Vial Number: 11
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11904.D
Acq On : 22 May 2002 9:58 pm
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 11
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

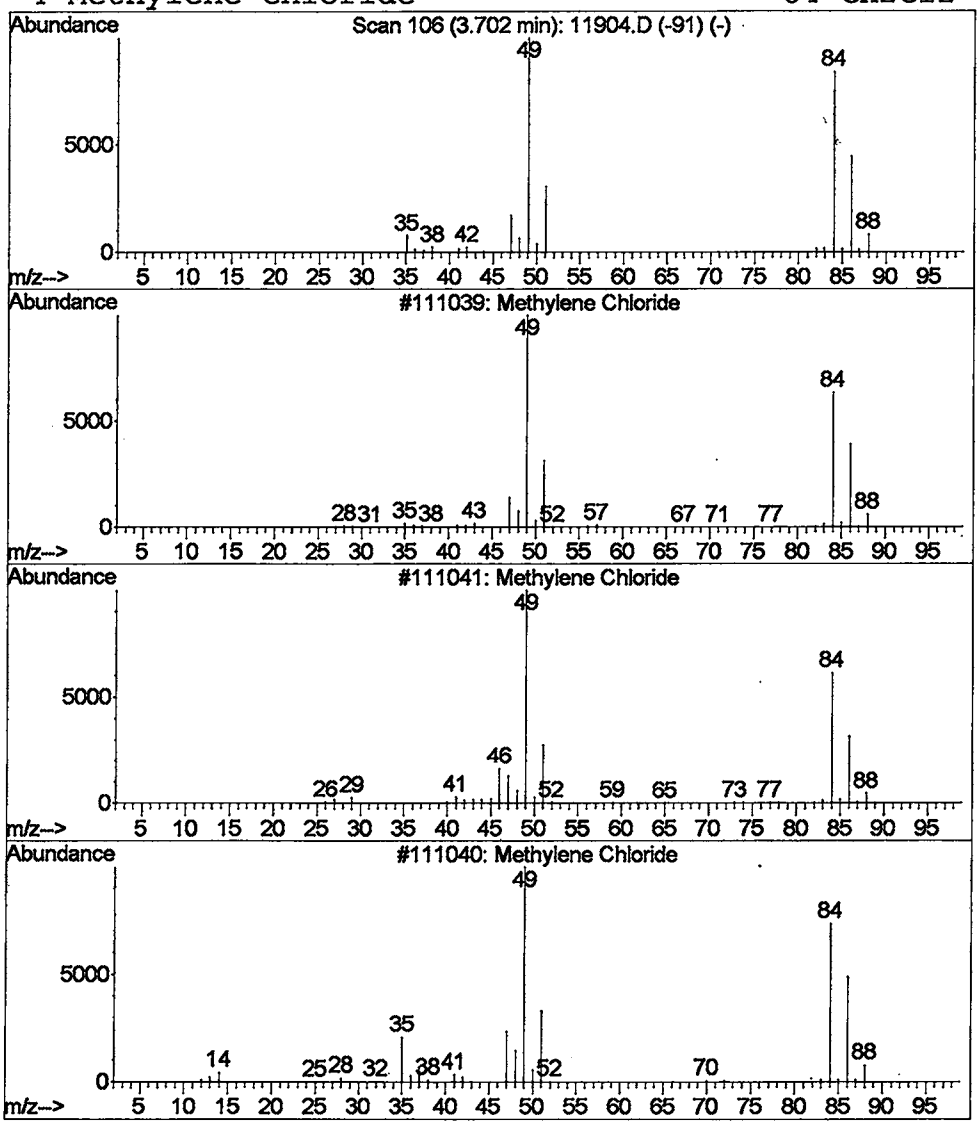
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

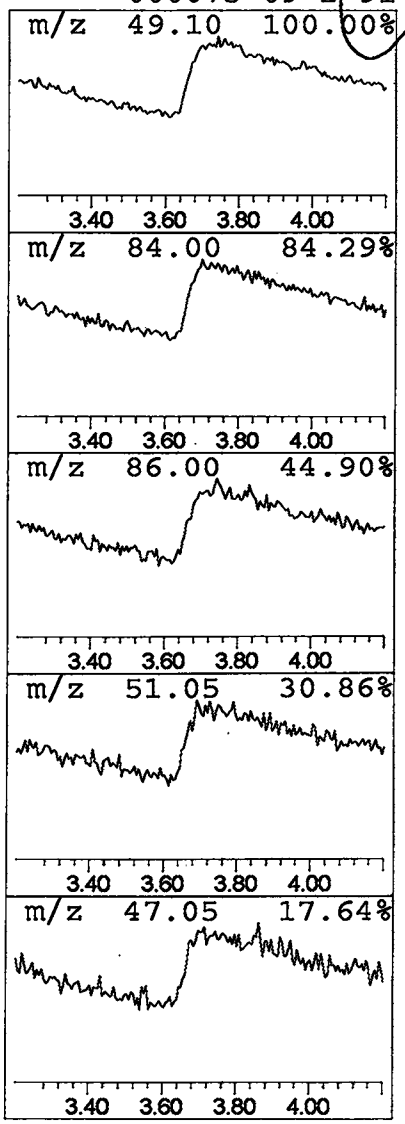
****

Peak Number 1 Methylene Chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	1.31 ug/L	936245	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	95
2	Methylene Chloride	84	CH2Cl2	000075-09-2	94
3	Methylene Chloride	84	CH2Cl2	000075-09-2	91
4	Methylene Chloride	84	CH2Cl2	000075-09-2	91





Library Search Compound Report

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Acq On : 22 May 2002 9:58 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

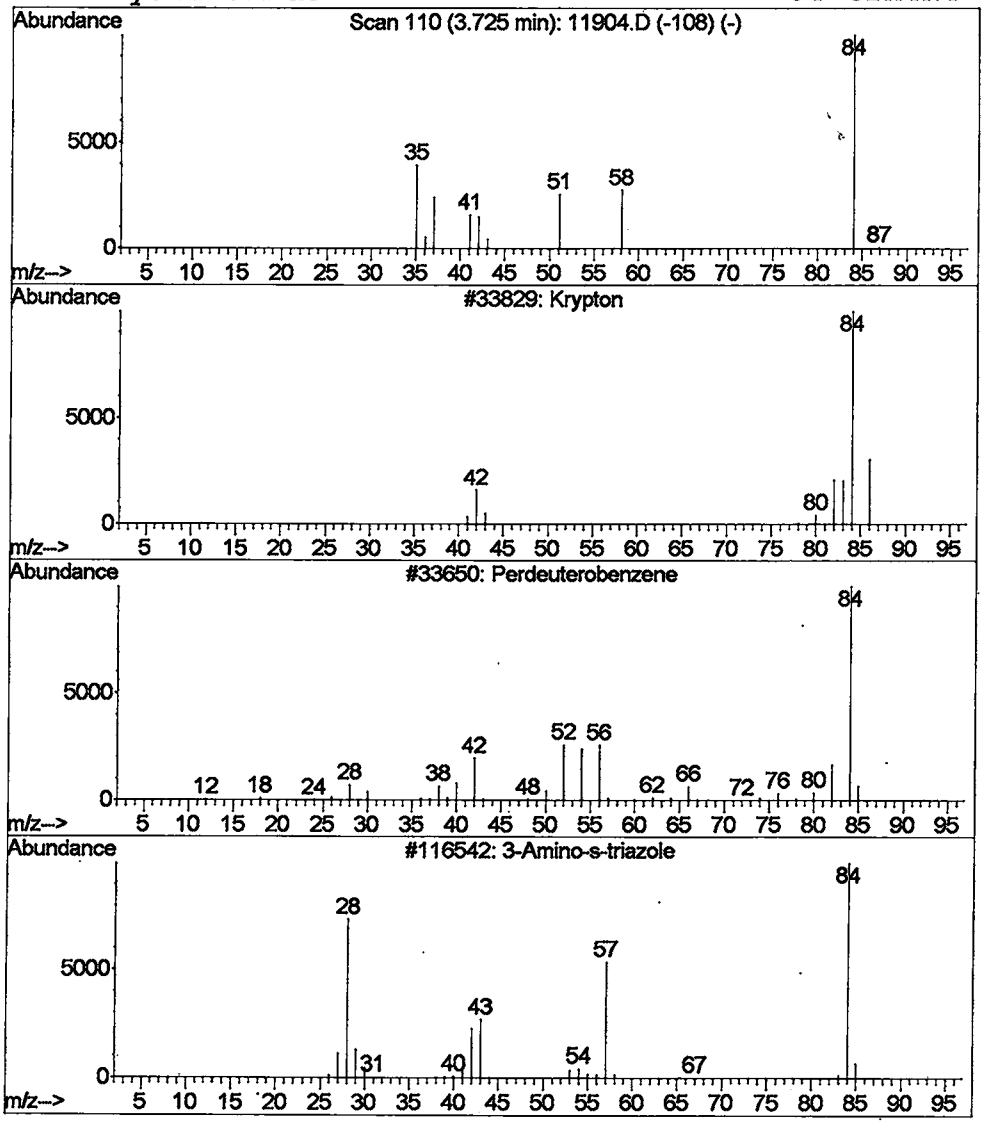
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

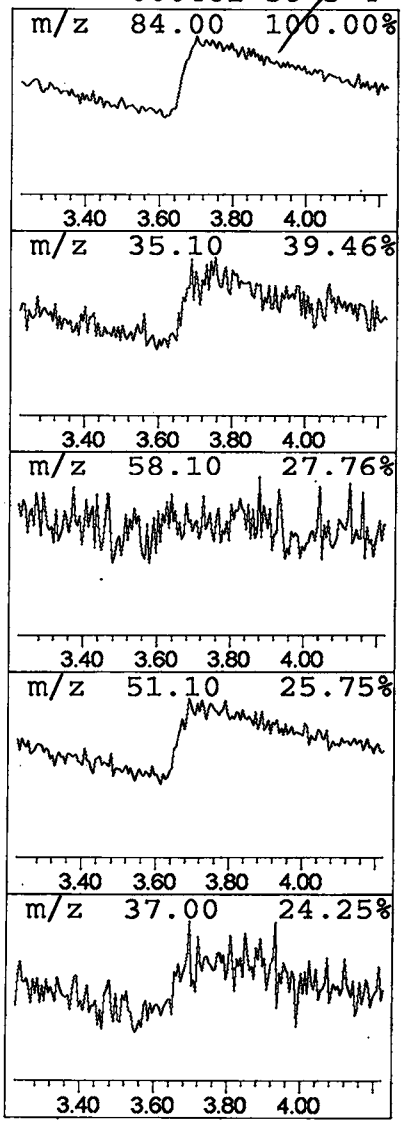
****

Peak Number 2 Krypton Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	0.60 ug/L	430998	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	5
2	Perdeuterobenzene	84	C6D6	001076-43-3	4
3	3-Amino-s-triazole	84	C2H4N4	000061-82-5	4
4	Dicyandiamide	84	C2H4N4	000461-58-5	4





Library Search Compound Report

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Sample : 5/21 ad Inst : Instrumen
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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
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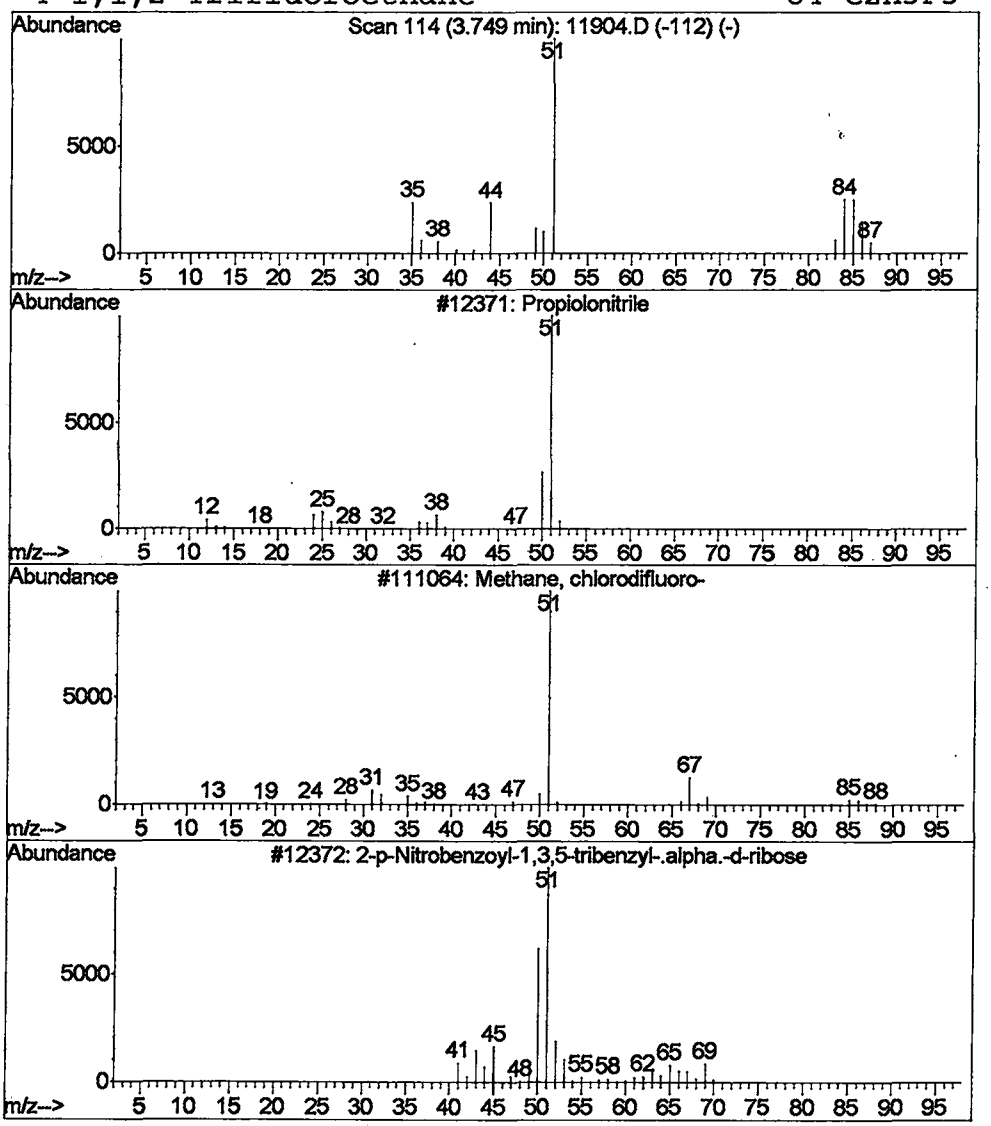
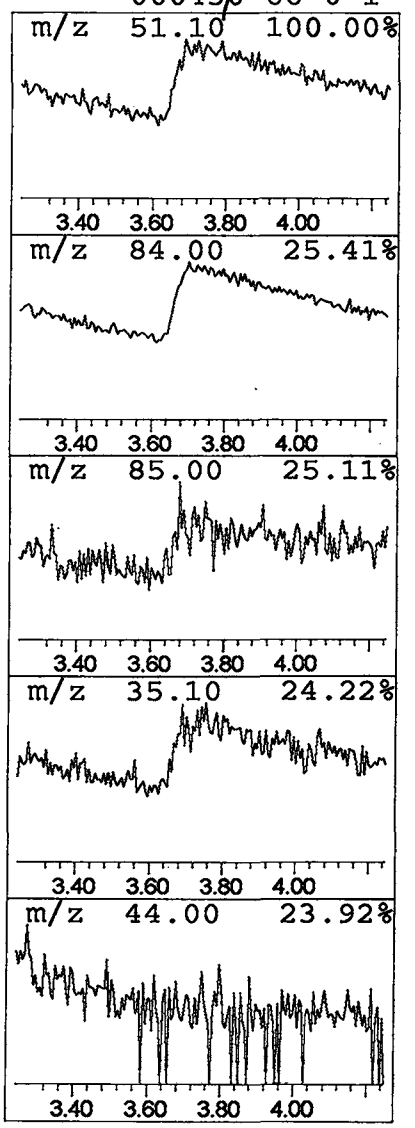
Peak Number 3 Propiolonitrile Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	1.56 ug/L	1111140	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propiolonitrile	51	C3HN	001070-71-9	4
2	Methane, chlorodifluoro-	86	CHClF2	000075-45-6	3
3	2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31NO8	10001[illegible]-85-6	2
4	1,1,2-Trifluoroethane	84	C2H3F3	000430-66-0	1





Library Search Compound Report

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Acq On : 22 May 2002 9:58 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
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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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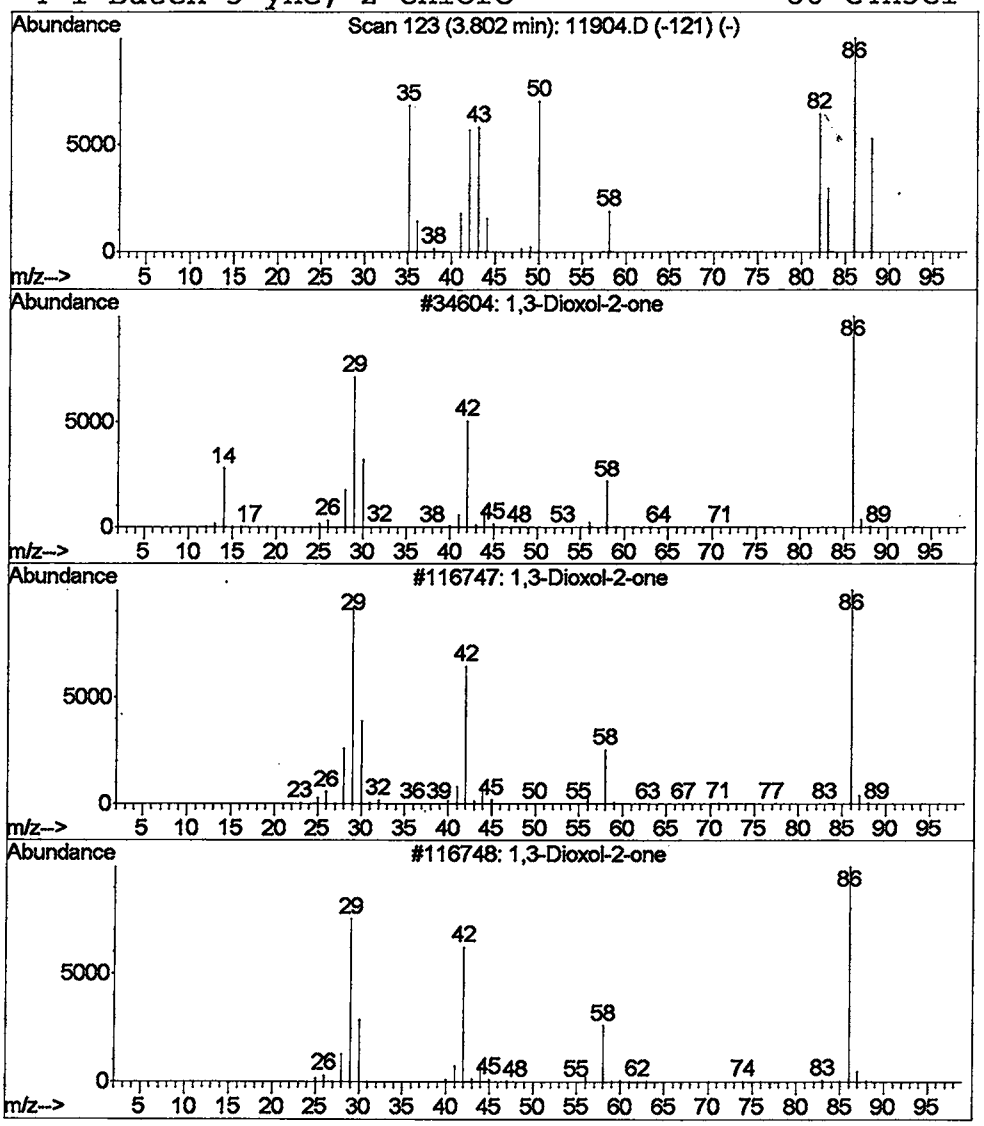
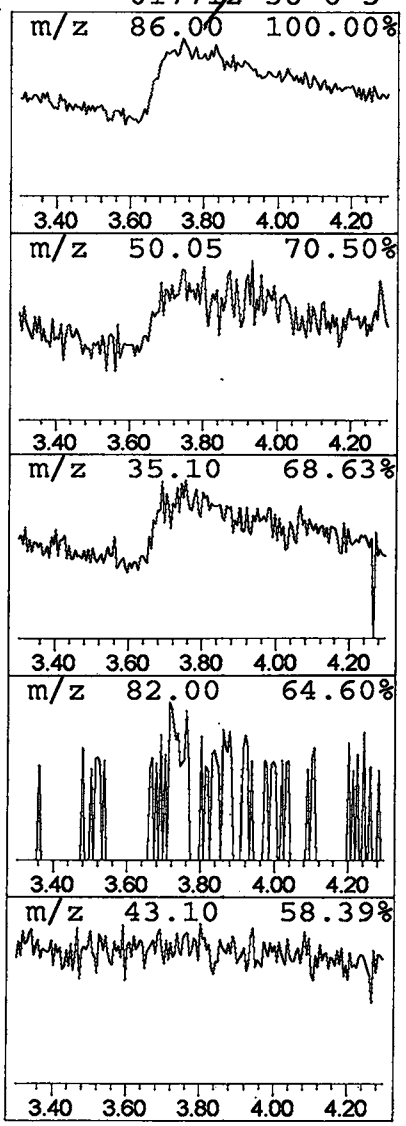
Peak Number 4 1,3-Dioxol-2-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	0.63 ug/L	449680	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxol-2-one	86	C3H2O3	000872-36-6	9
2	1,3-Dioxol-2-one	86	C3H2O3	000872-36-6	9
3	1,3-Dioxol-2-one	86	C3H2O3	000872-36-6	9
4	1-Buten-3-yne, 2-chloro-	86	C4H3Cl	017712-36-6	5





Library Search Compound Report

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Acq On : 22 May 2002 9:58 pm Operator: Mclean
Sample : 5/21 ad 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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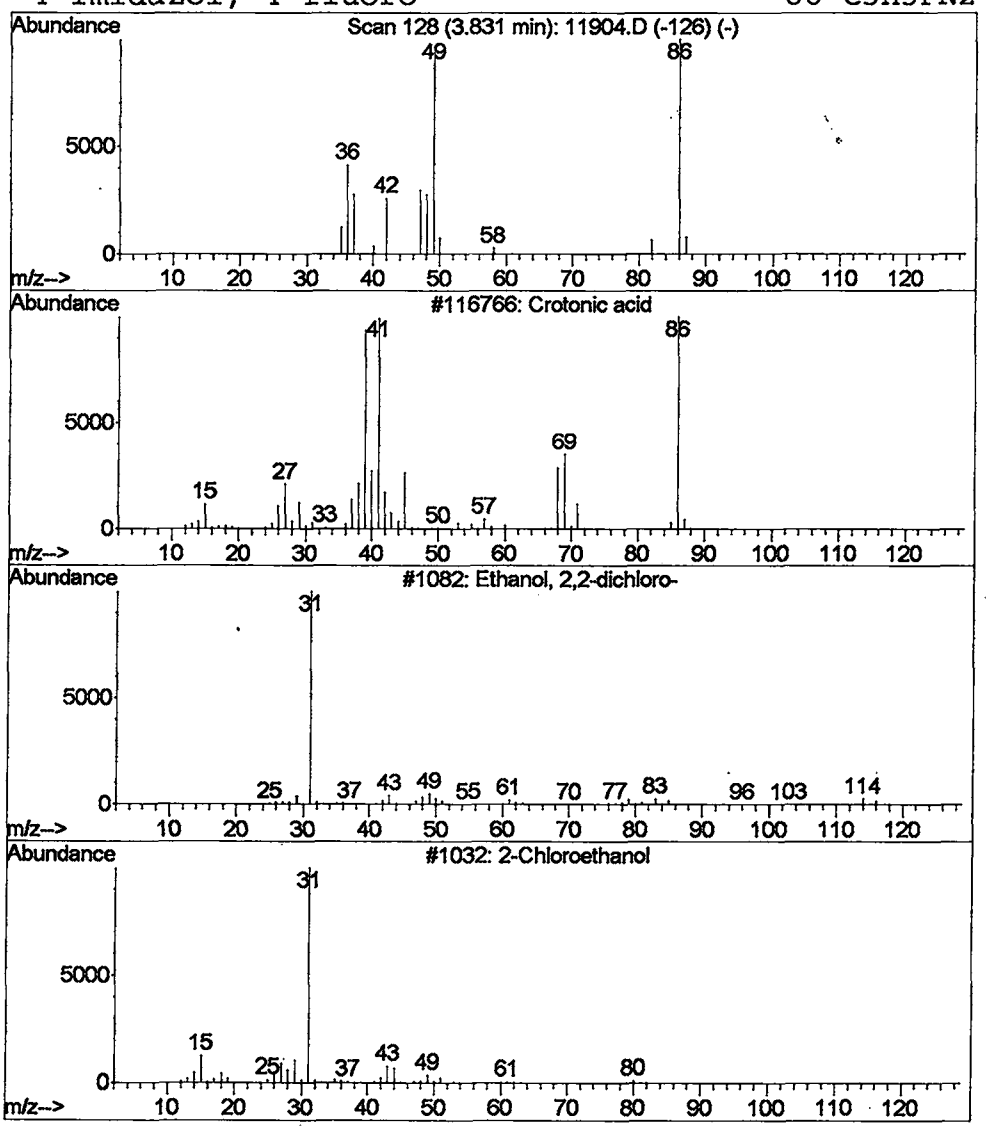
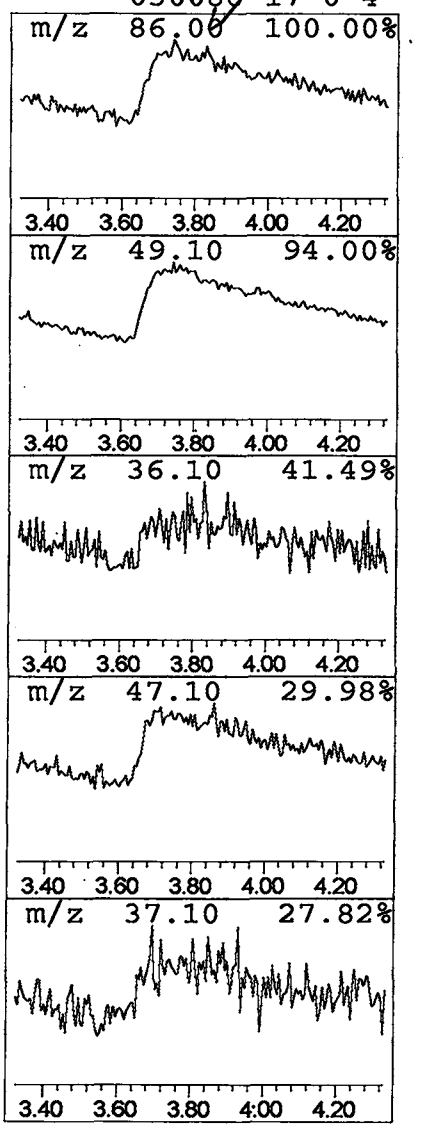
Peak Number 5 Crotonic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	0.79 ug/L	561650	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Crotonic acid	86	C4H6O2	003724-65-0	4
2	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	4
3	2-Chloroethanol	80	C2H5ClO	000107-07-3	4
4	Imidazol, 4-fluoro-	86	C3H3FN2	030086-17-0	4





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

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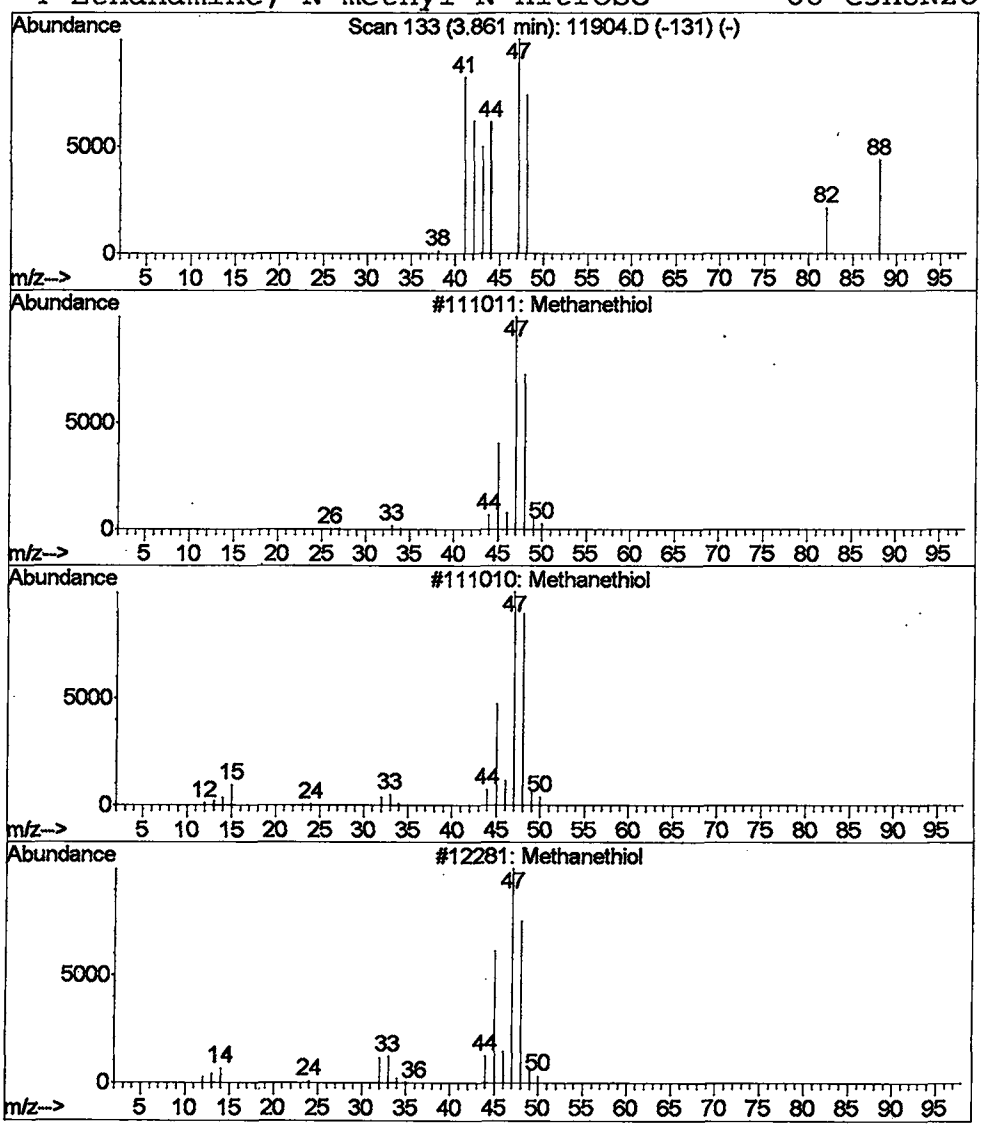
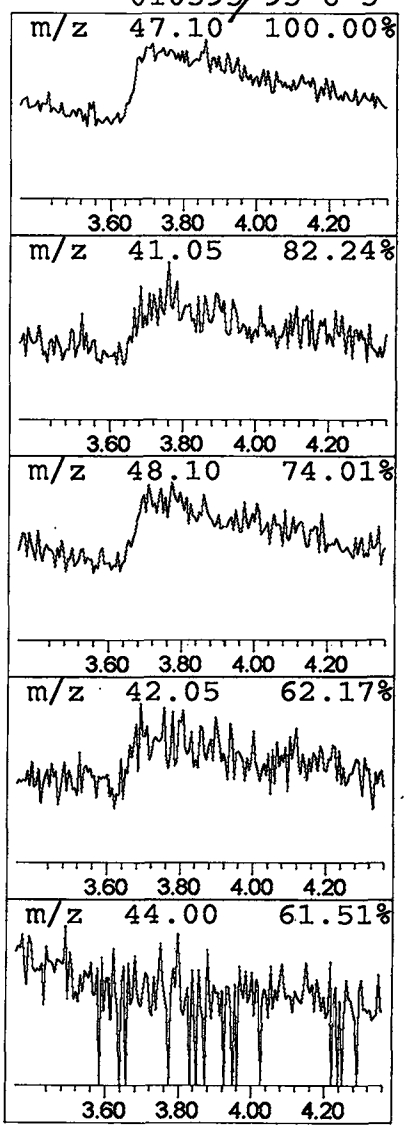
Peak Number 6 Methanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.86	1.47 ug/L	1048500	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	7
2	Methanethiol	48	CH4S	000074-93-1	7
3	Methanethiol	48	CH4S	000074-93-1	7
4	Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	5





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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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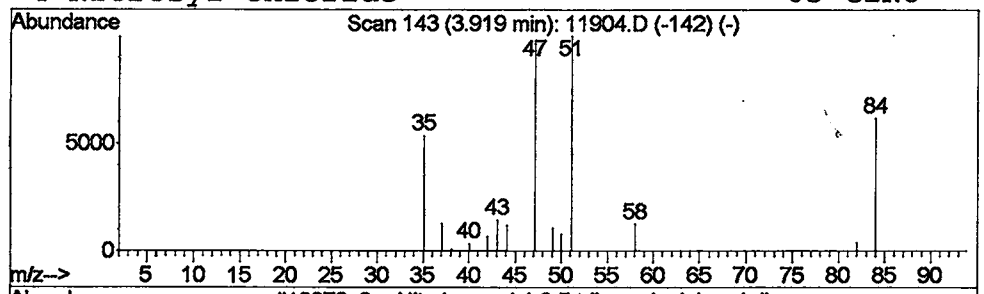
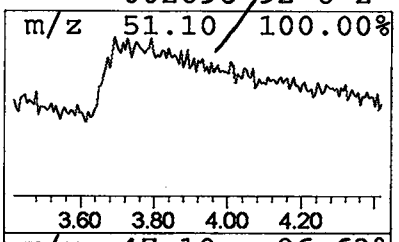
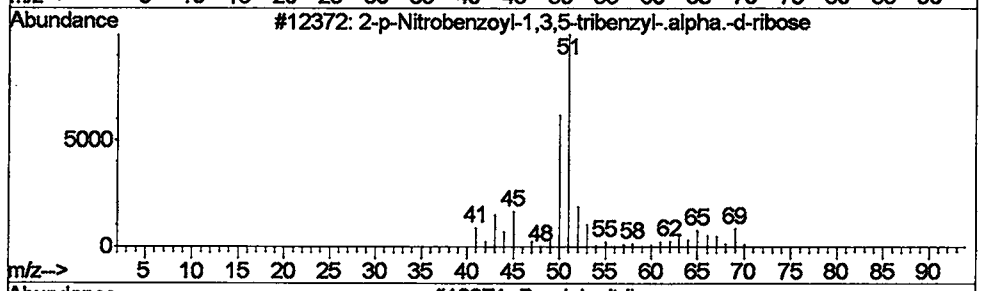
Peak Number 7 2-p-Nitrobenzoyl-1,3,5-trib... Concentration Rank 9

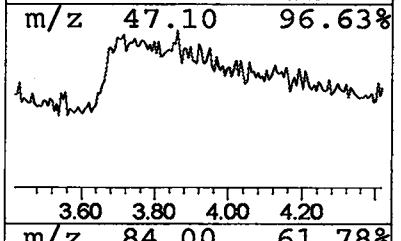
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	0.97 ug/L	695659	1,4-Dichlorobenzene-d4	9.90

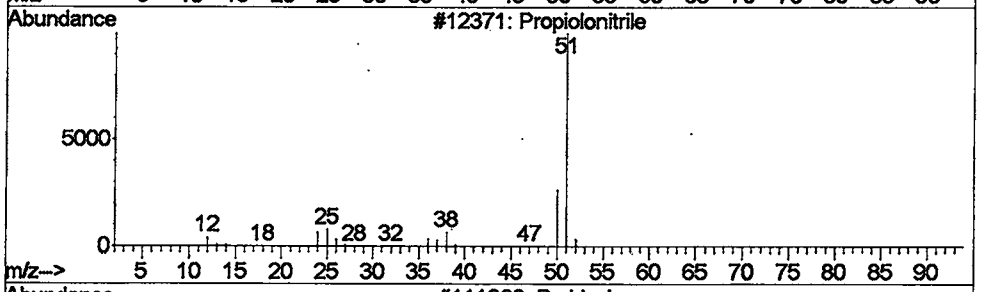
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31NO8	1000129-85-6	4
2	Propiolonitrile	51	C3HN	001070-71-9	3
3	Pyridazine	80	C4H4N2	000289-80-5	2
4	Nitrosyl chloride	65	ClNO	002696-92-6	2

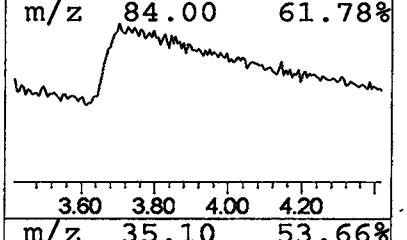


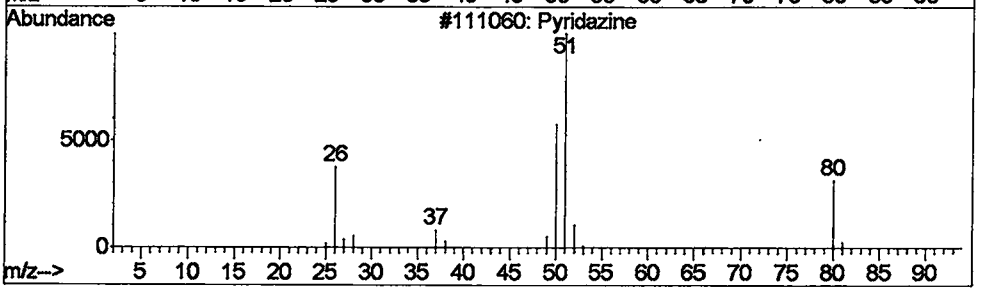


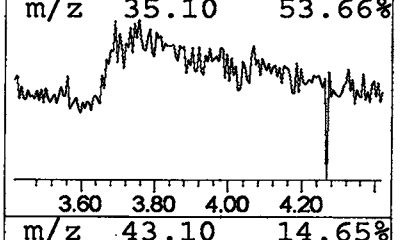


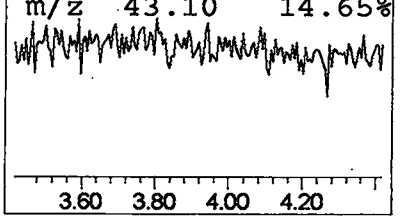












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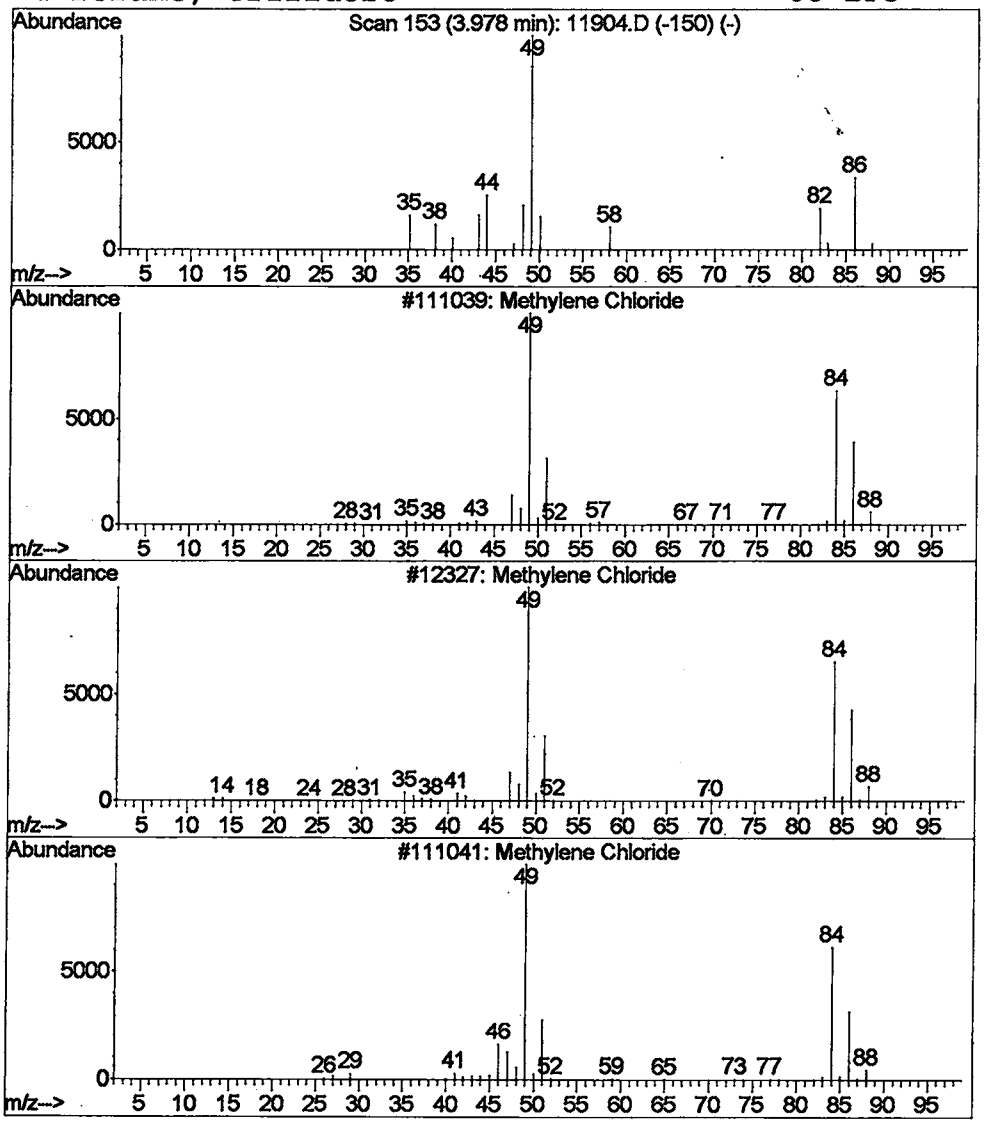
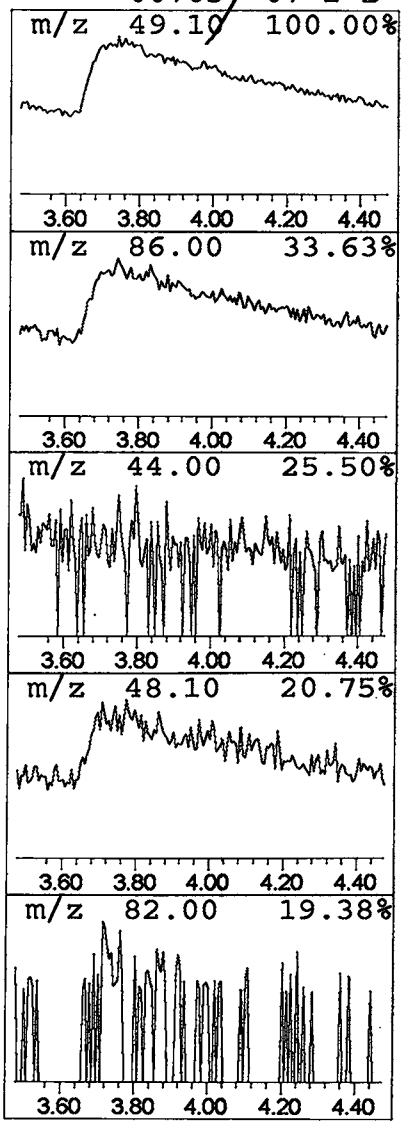
Peak Number 8 Methylene Chloride Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	0.60 ug/L	429010	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	4
2	Methylene Chloride	84	CH2Cl2	000075-09-2	4
3	Methylene Chloride	84	CH2Cl2	000075-09-2	4
4	Borane, trifluoro-	68	BF3	007637-07-2	2





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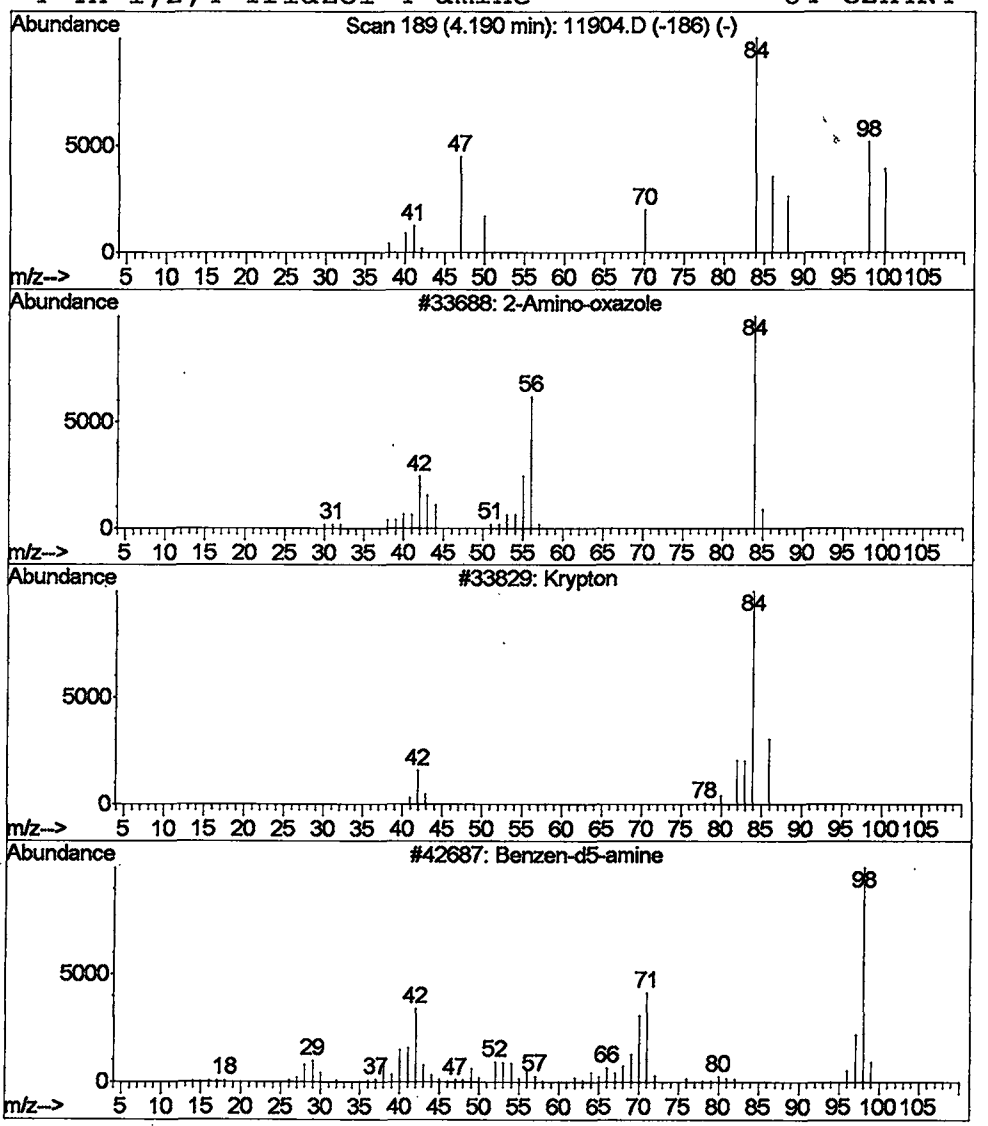
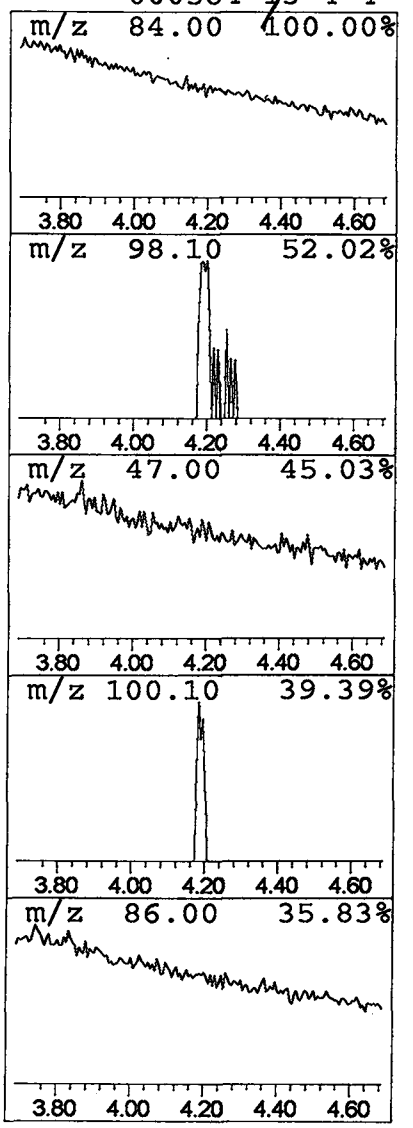
Peak Number 9 2-Amino-oxazole Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	0.43 ug/L	307275	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-oxazole	84	C3H4N2O	1000144-64-0	5
2	Krypton	84	Kr	007439-90-9	5
3	Benzen-d5-amine	98	C6H2D5N	004165-61-1	4
4	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	4





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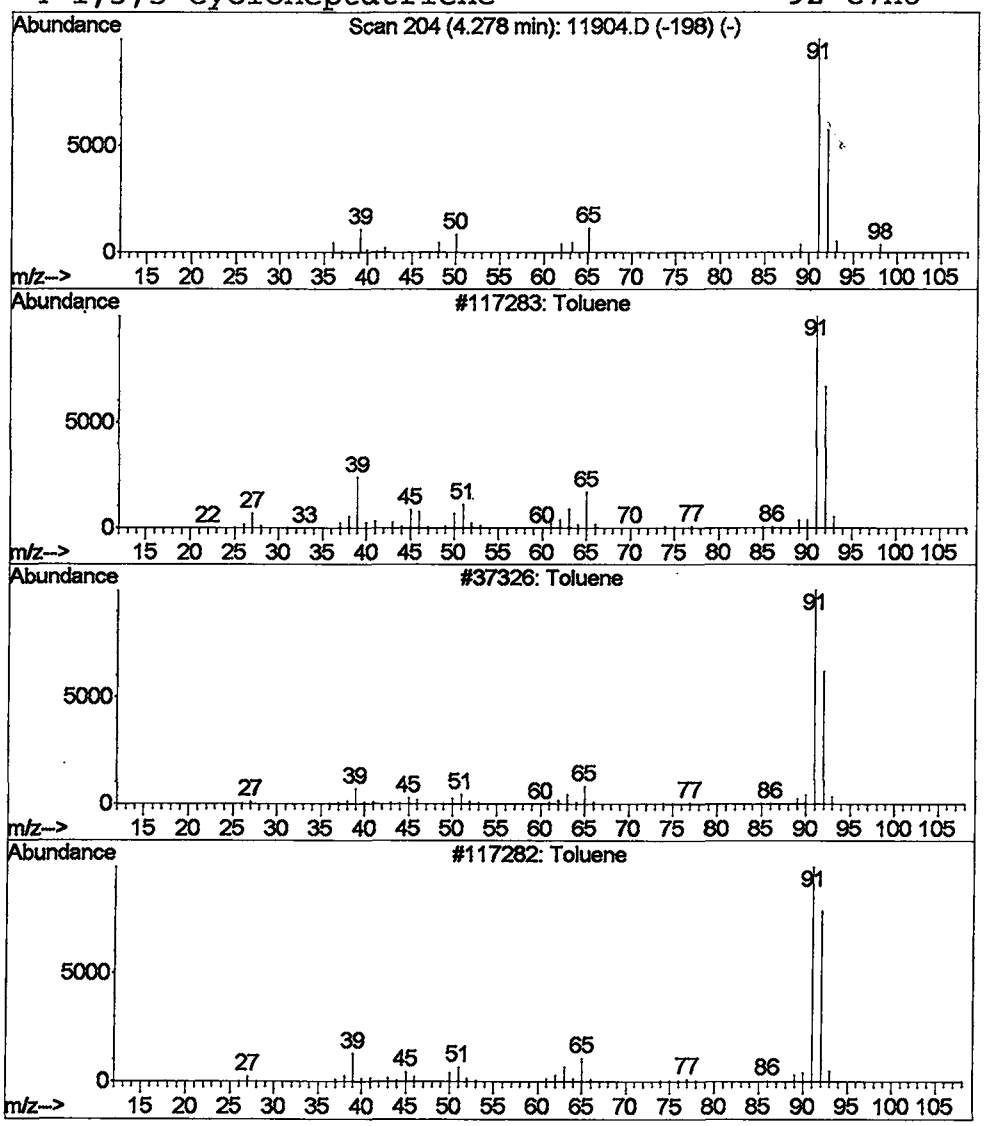
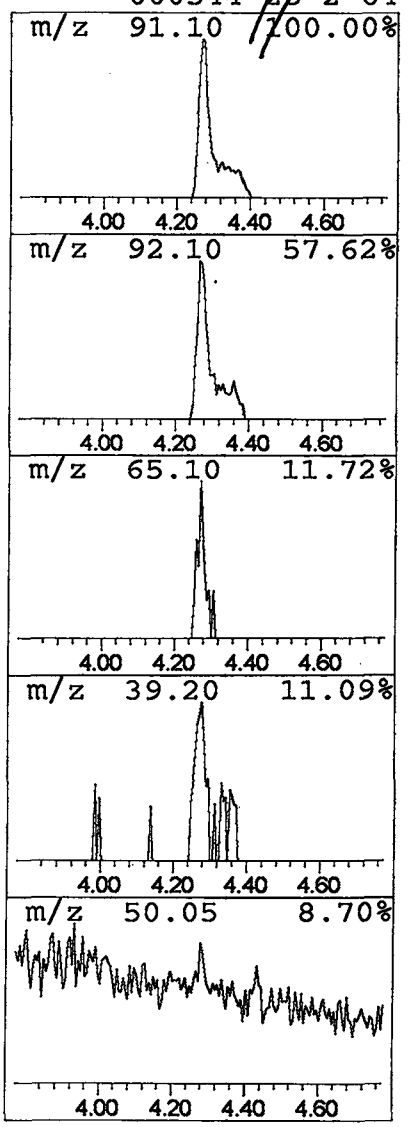
Peak Number 10 Toluene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	1.39 ug/L	993173	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	72
2	Toluene	92	C7H8	000108-88-3	72
3	Toluene	92	C7H8	000108-88-3	72
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	64





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Multiplr: 1.00

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

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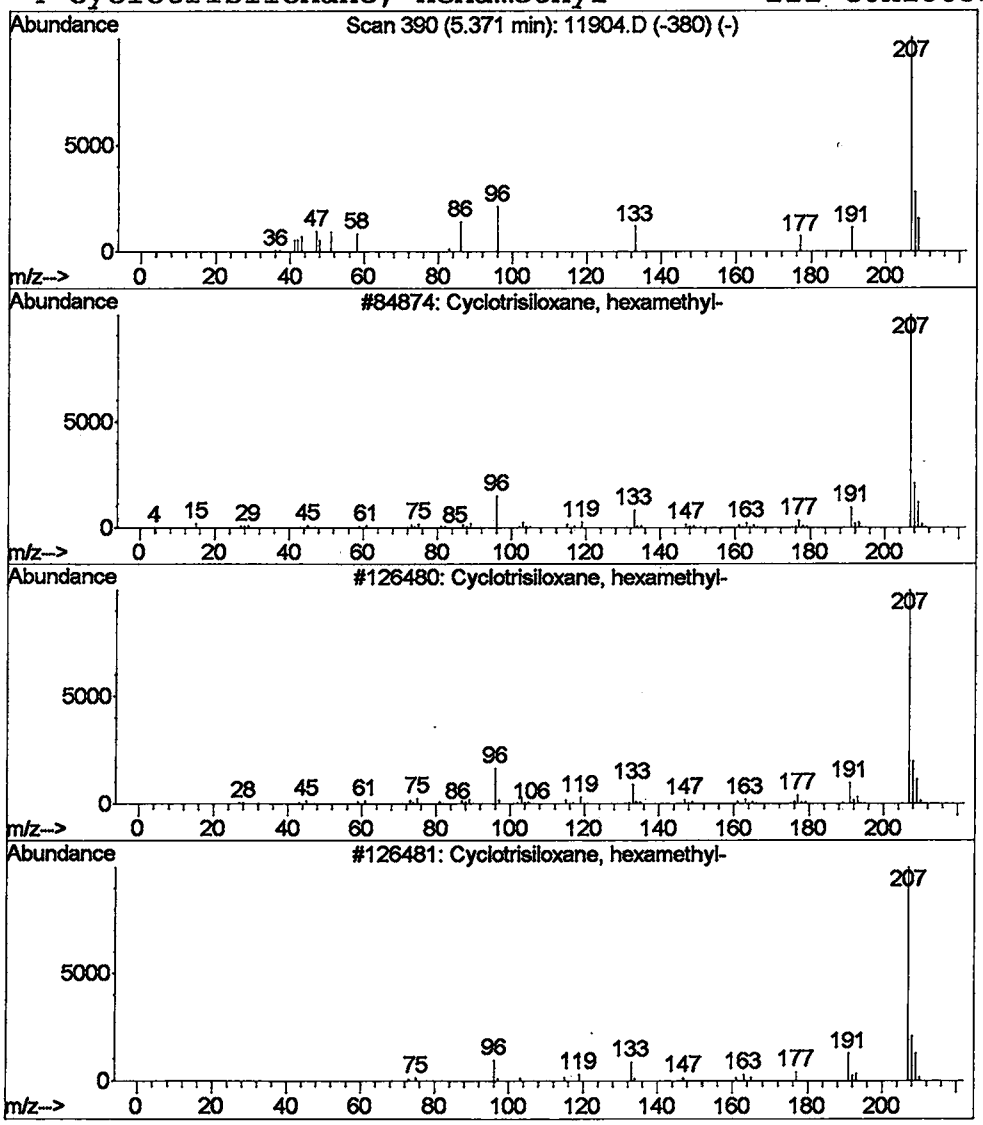
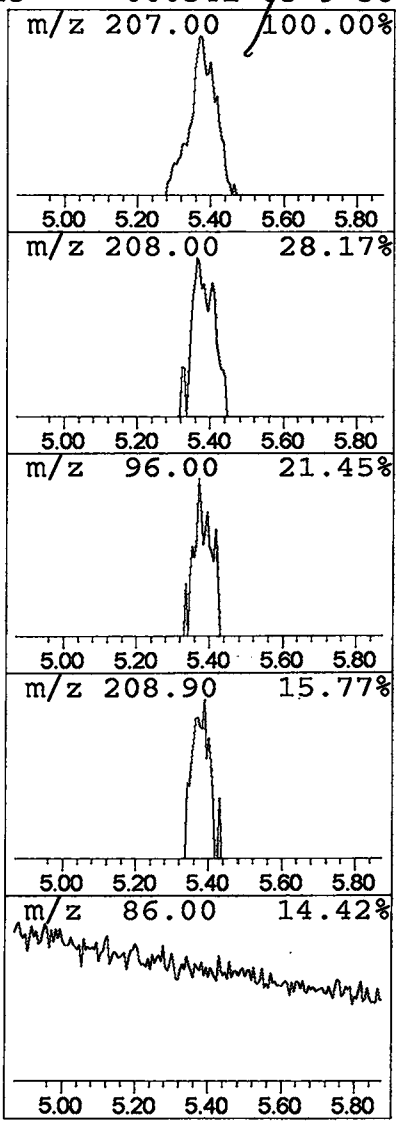
Peak Number 11 Cyclotrisiloxane, hexamethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	0.34 ug/L	243740	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64
4	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	38





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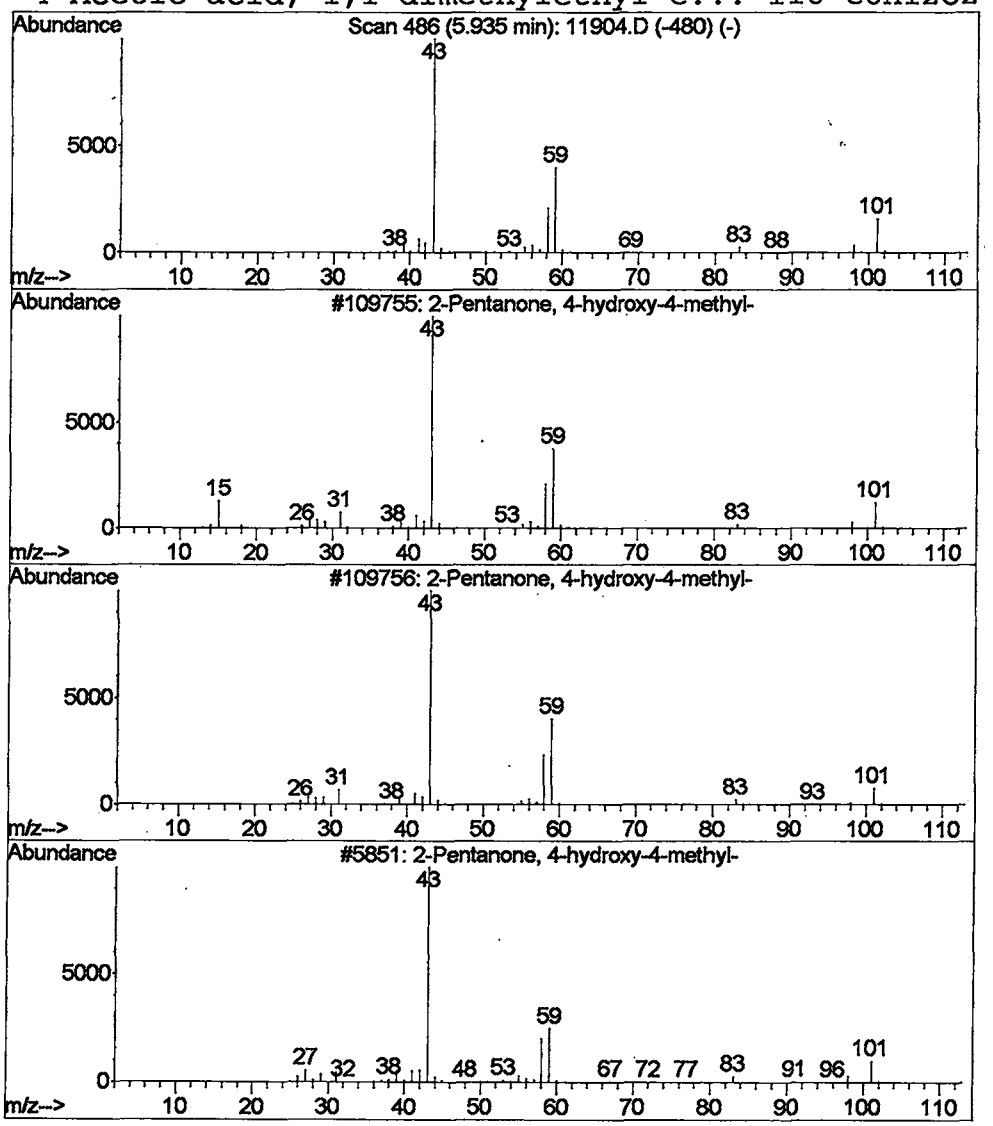
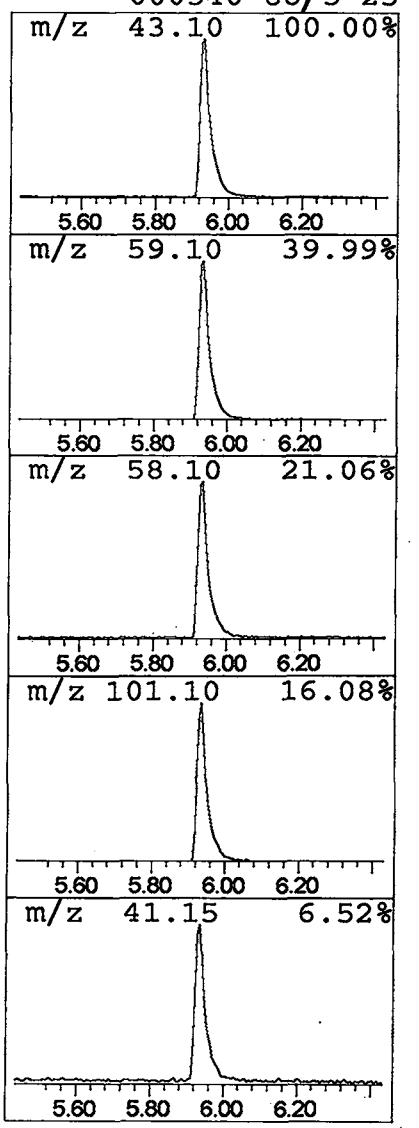
Peak Number 12 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	10.19 ug/L	7277890	1,4-Dichlorobenzene-d4	9.90

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	53
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25





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MS Integration Params: LSCINT.e

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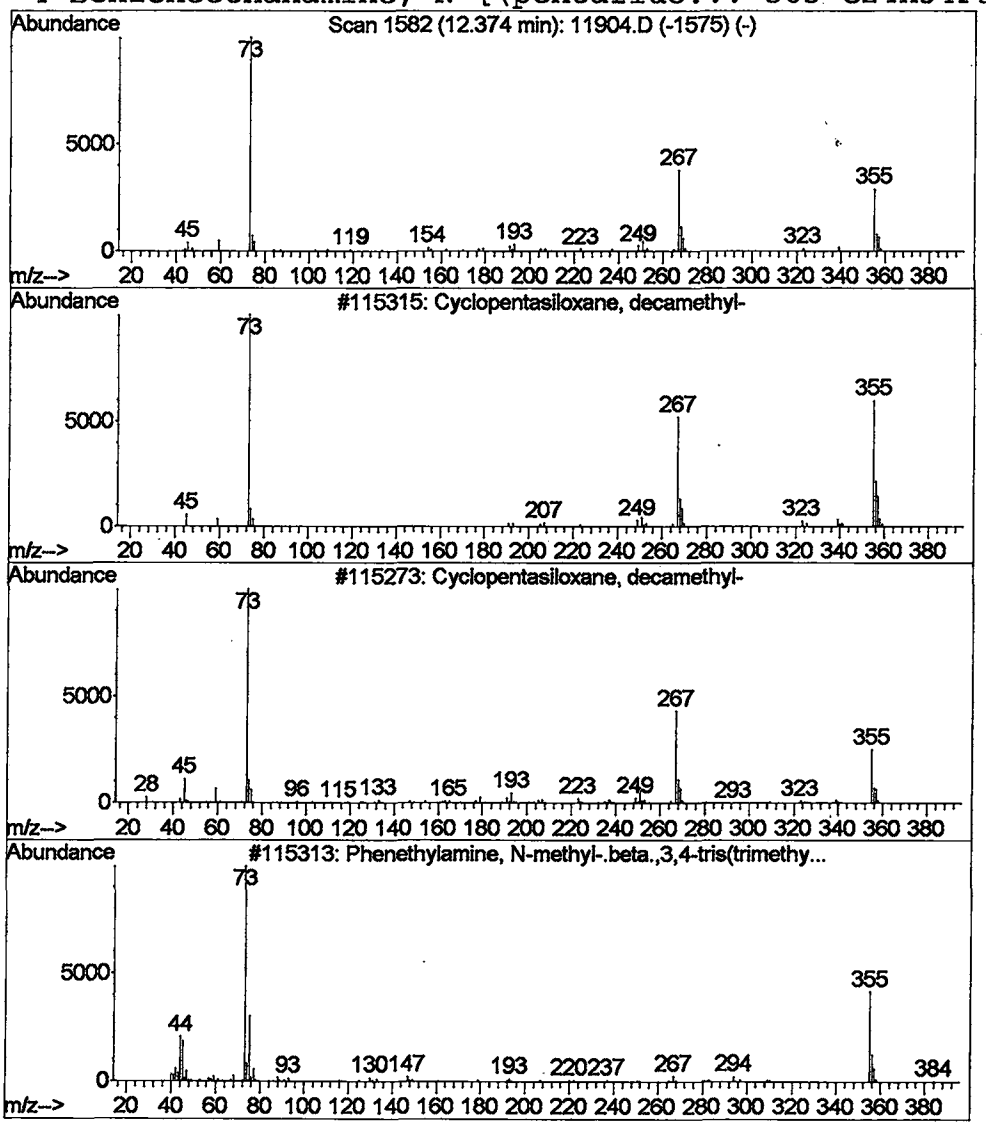
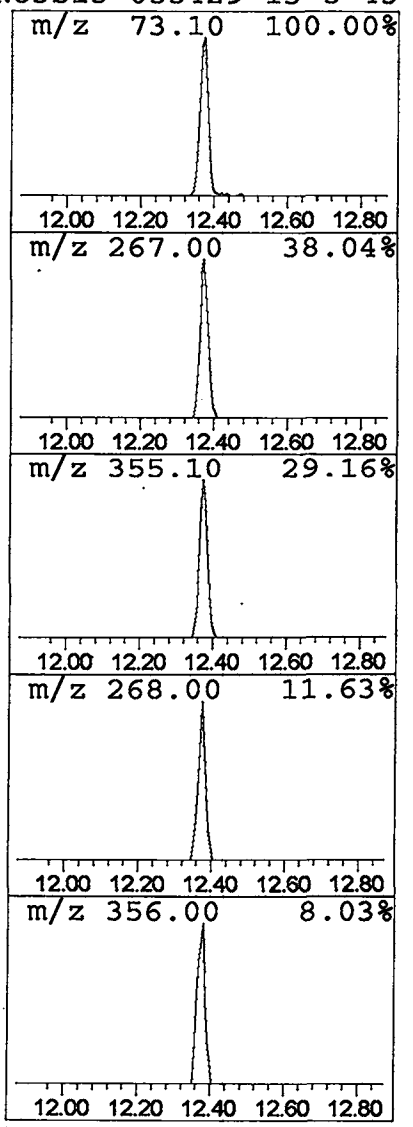
Peak Number 13 Cyclopentasiloxane, decamet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	0.88 ug/L	849409	Napthalene-d8	13.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	80
3	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	47
4	Benzeneethanamine, N-[(pentafluo...	563	C24H34F5NO3Si3	055429-13-5	43





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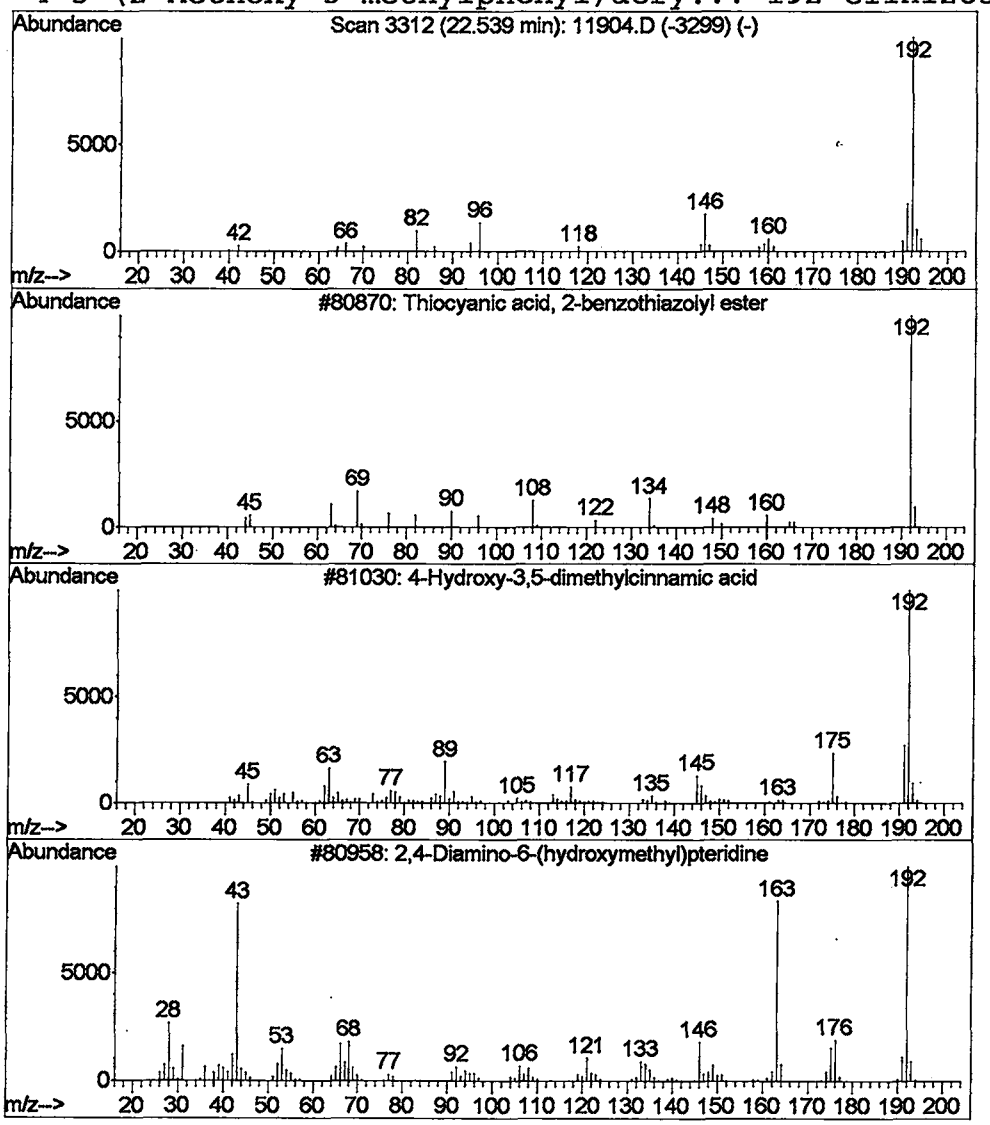
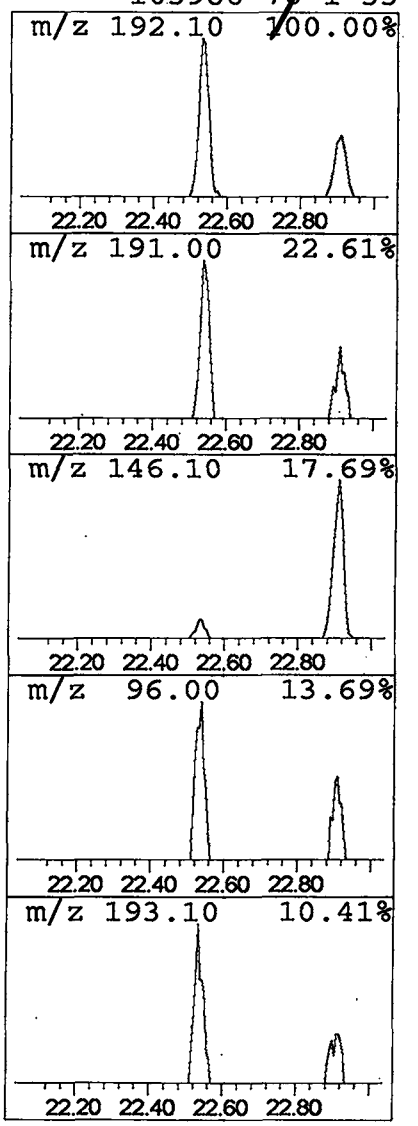
Peak Number 14 Thiocyanic acid, 2-benzothi... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	0.28 ug/L	301756	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	40
2	4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	38
3	2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	36
4	3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	33





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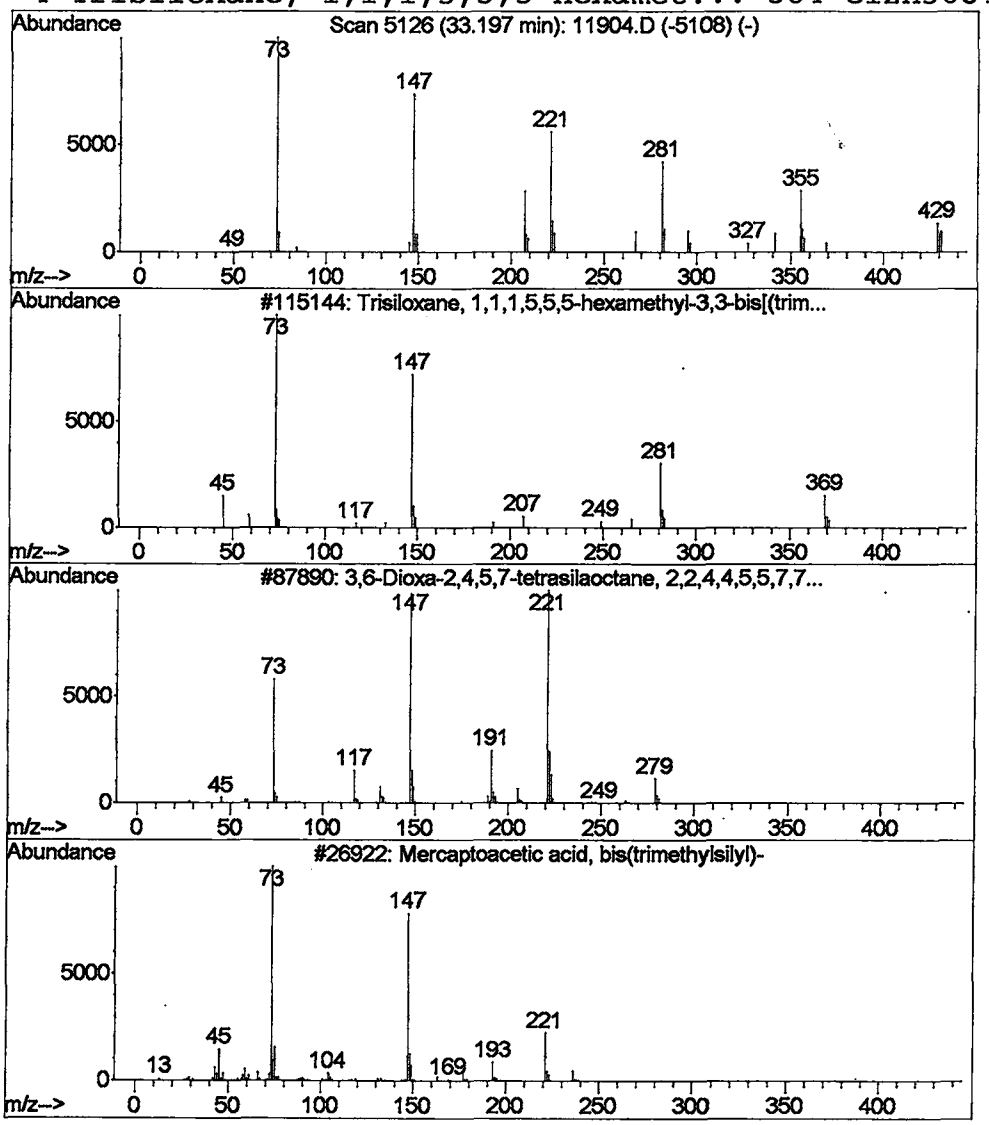
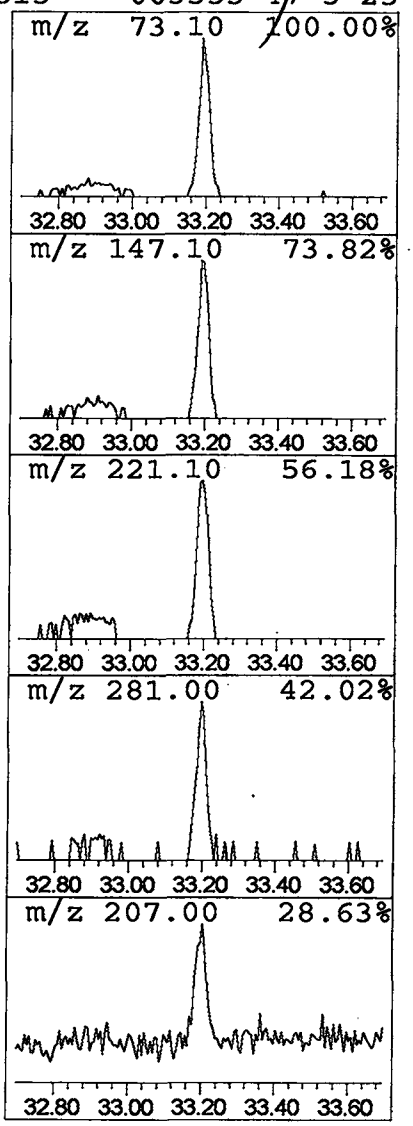
Peak Number 15 Trisiloxane, 1,1,1,5,5,5-he... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.20	0.68 ug/L	359943	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	35
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	32
3	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	32
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	25





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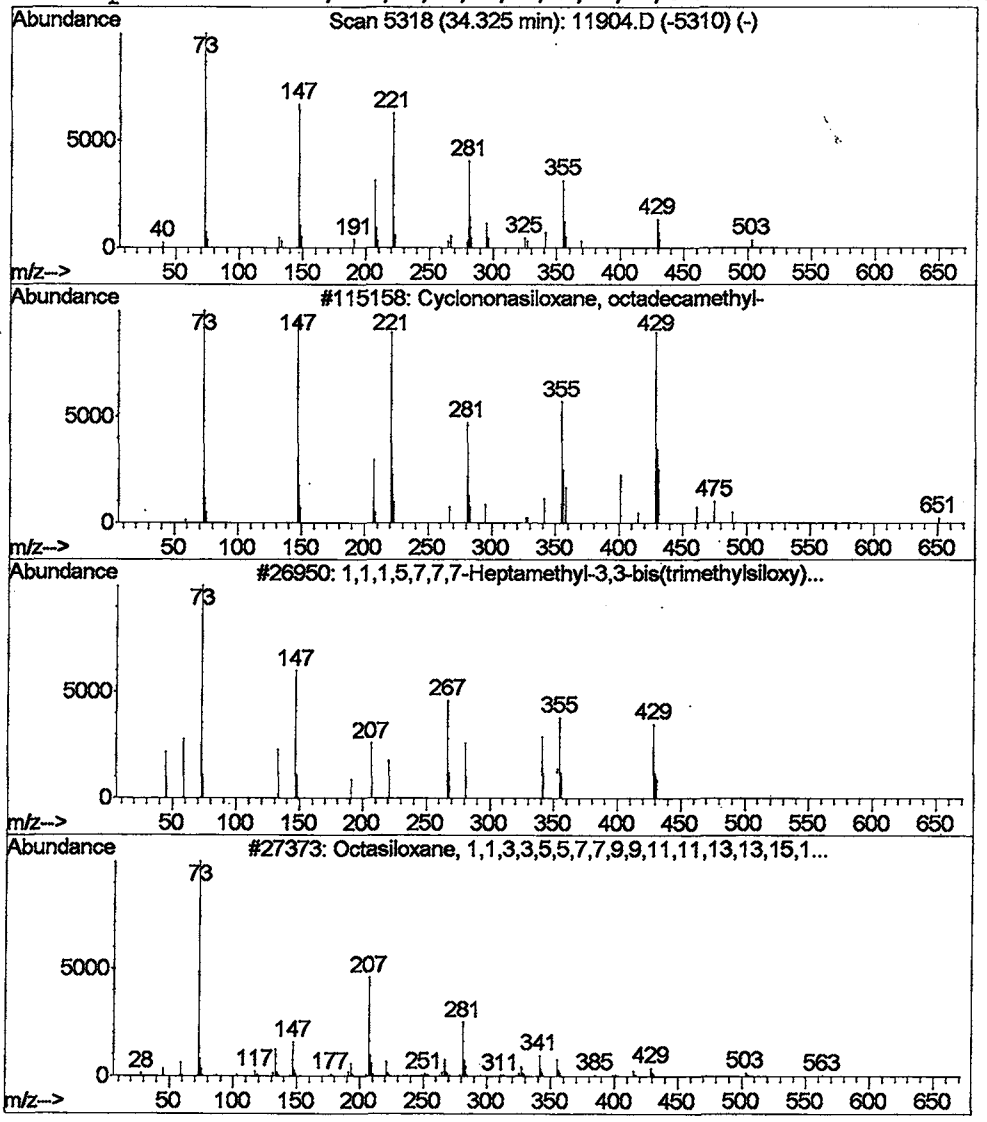
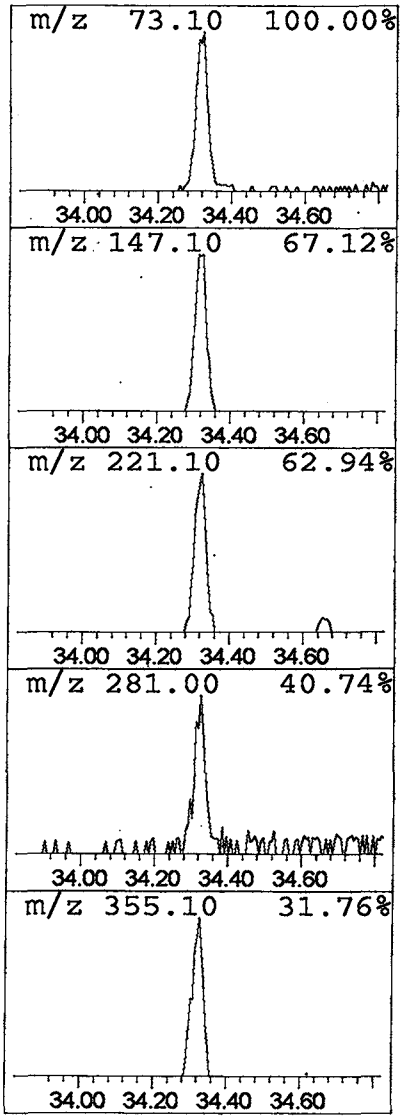
Peak Number 16 Cyclononasiloxane, octadeca... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.33	1.06 ug/L	561495	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	91
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	47
3	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	32
4	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	17





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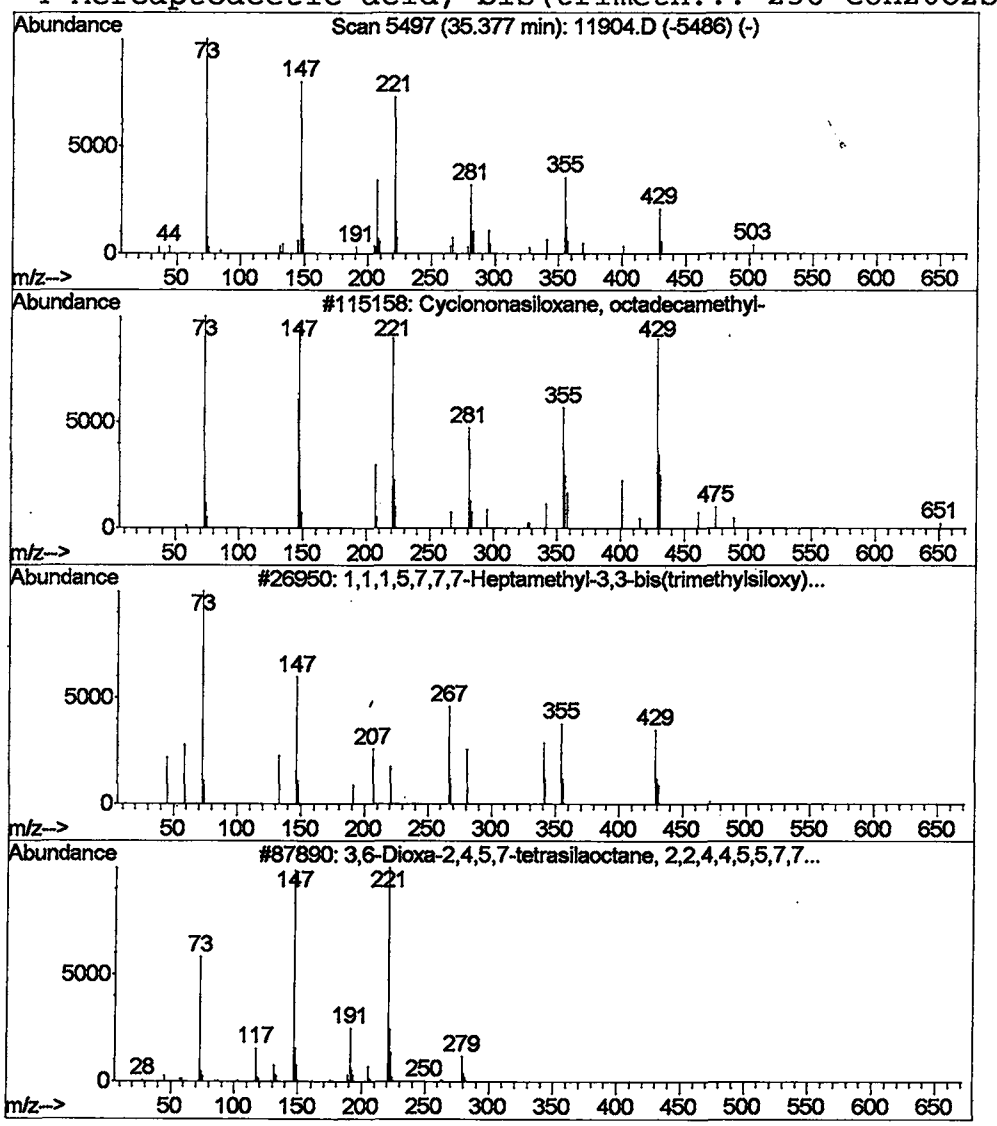
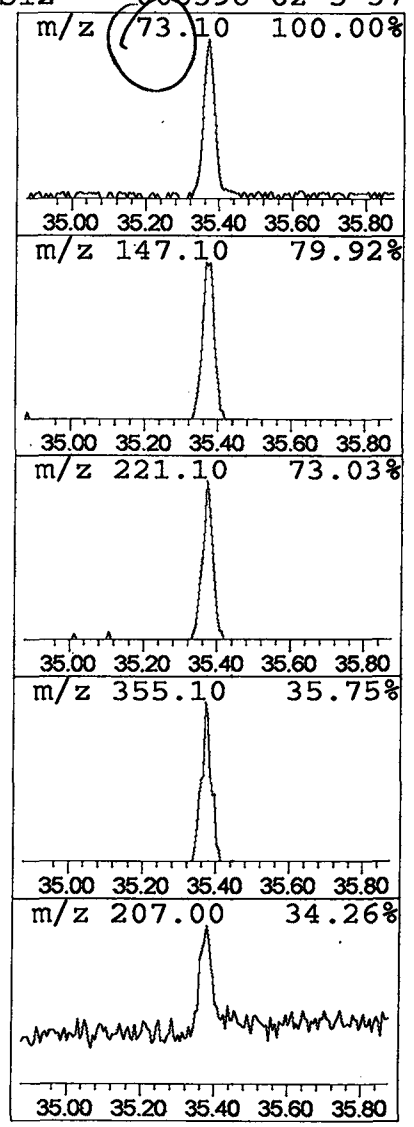
Peak Number 17 Cyclononasiloxane, octadeca... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.38	1.33 ug/L	704966	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	86
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	64
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
4	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	37





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11904.D Vial: 11
Acq On : 22 May 2002 9:58 pm Operator: Mclean
Sample : 5/21 ad 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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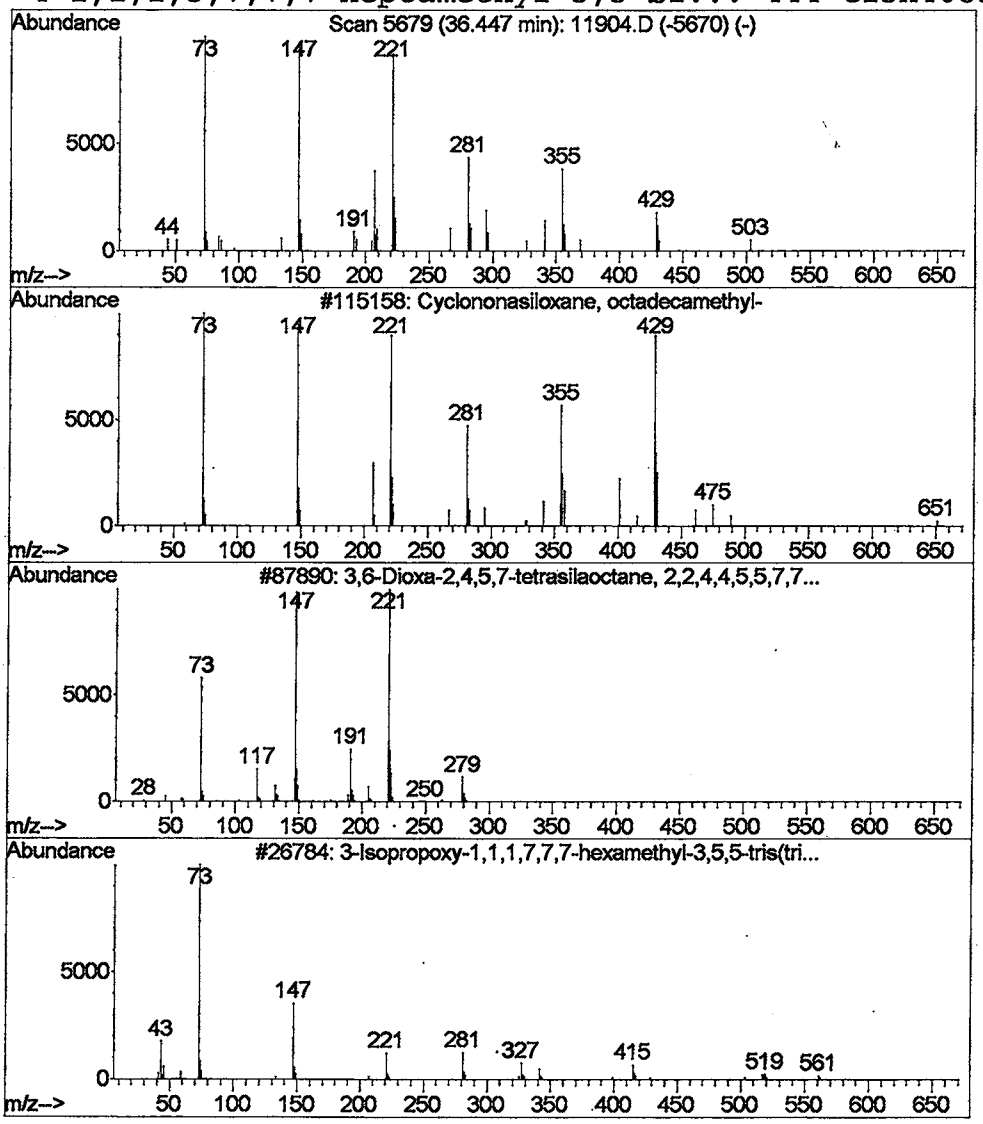
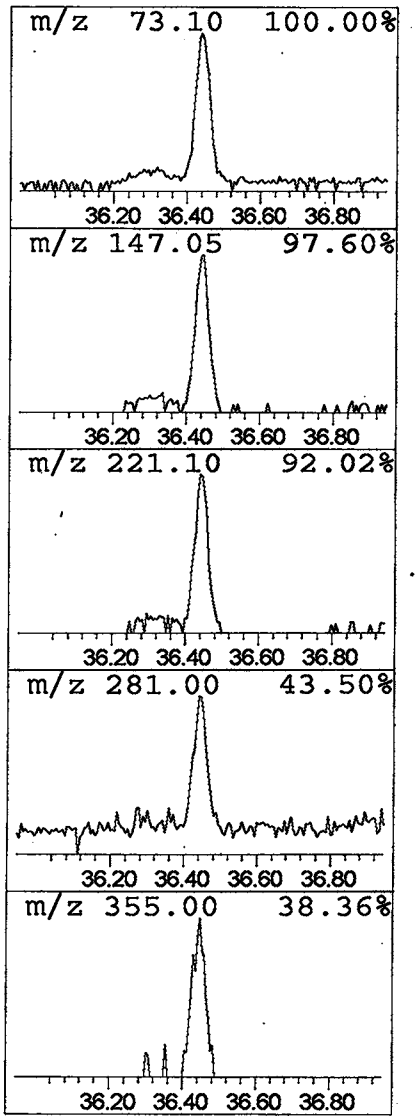
Peak Number 18 Cyclononasiloxane, octadeca... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.45	1.21 ug/L	640479	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	91
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
3	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	32
4	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	27





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11904.D Vial: 11
Acq On : 22 May 2002 9:58 pm Operator: Mclean
Sample : 5/21 ad 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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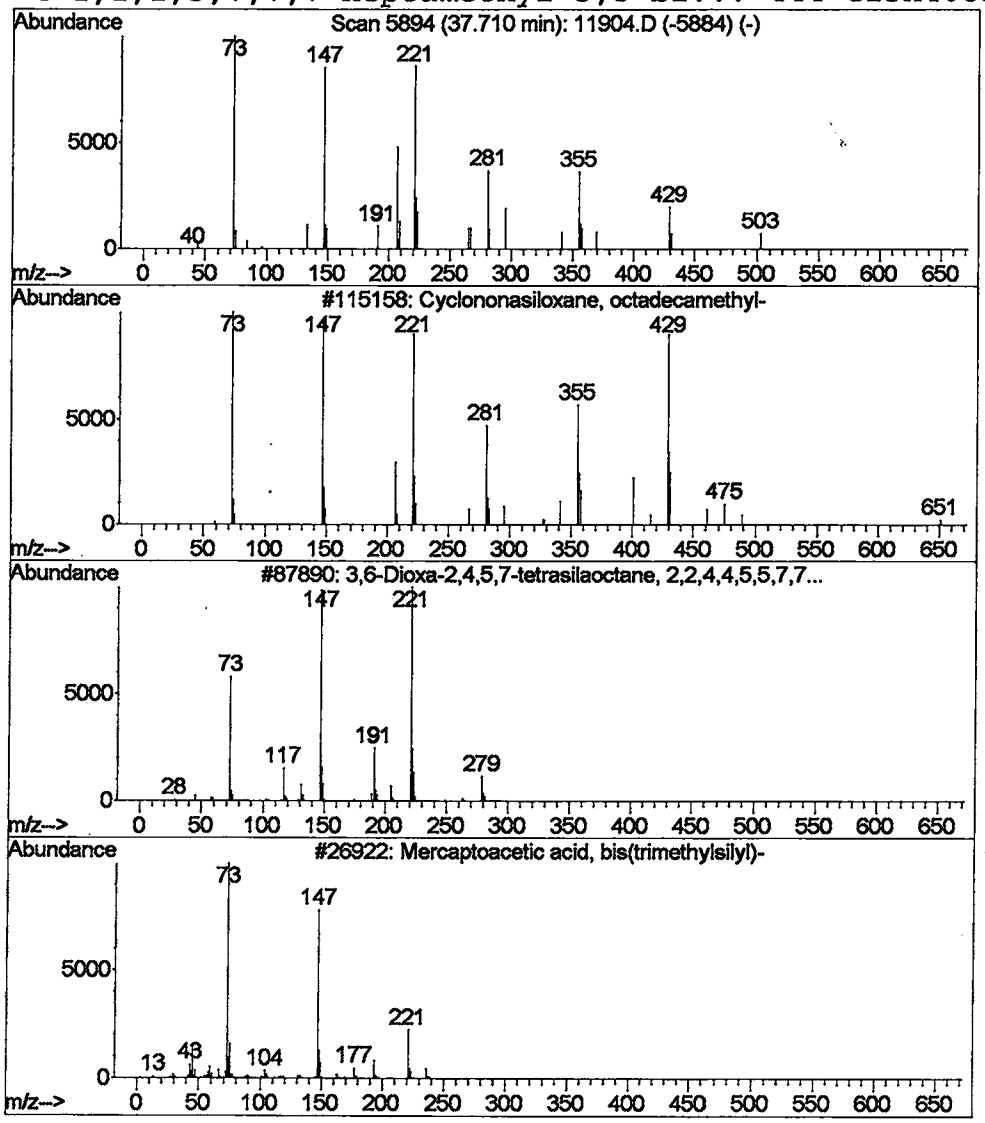
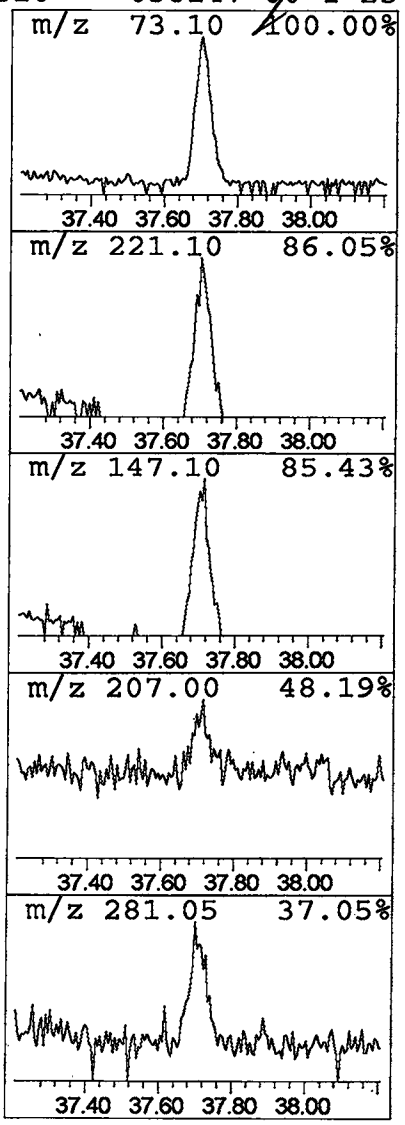
Peak Number 19 Cyclononasiloxane, octadeca... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.71	0.89 ug/L	472919	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	50
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
3	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	37
4	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	25





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11904.D Vial: 11
Acq On : 22 May 2002 9:58 pm Operator: Mclean
Sample : 5/21 ad 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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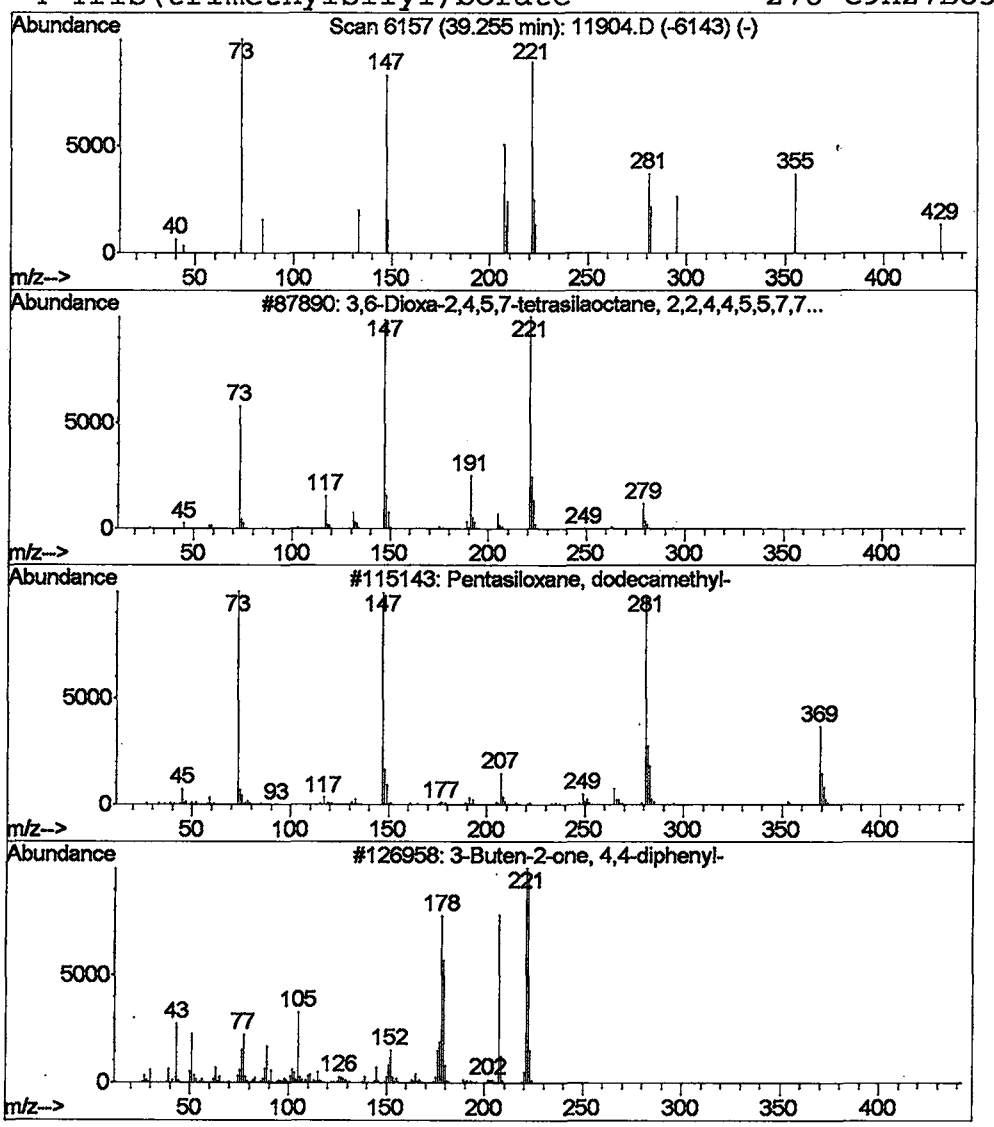
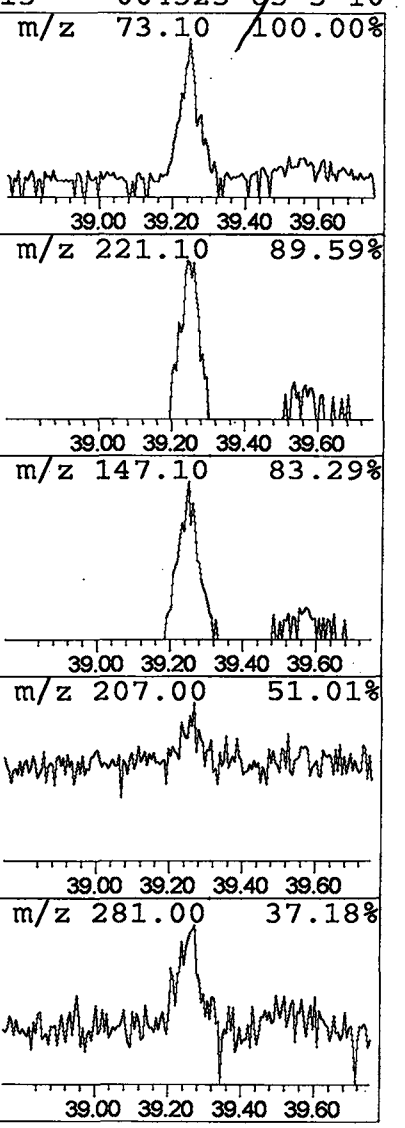
Peak Number 20 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.25	0.44 ug/L	233793	Perylene-d12	34.66

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	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	12
3	3-Buten-2-one, 4,4-diphenyl-	222	C16H14O	000837-66-1	10
4	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	10





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 22 May 2002 9:58 pm
Data File: C:\MSDCHEM\1\DATA\052202\11904.D
Name: 5/21 ad
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
Methylene Chloride	3.70	1.3	ug/L	936245	1	9.90	28555900	40.0
Krypton	3.73	0.6	ug/L	430998	1	9.90	28555900	40.0
Propiolonitrile	3.75	1.6	ug/L	1111140	1	9.90	28555900	40.0
1,3-Dioxol-2-one	3.80	0.6	ug/L	449680	1	9.90	28555900	40.0
Crotonic acid	3.83	0.8	ug/L	561650	1	9.90	28555900	40.0
Methanethiol	3.86	1.5	ug/L	1048500	1	9.90	28555900	40.0
2-p-Nitrobenzoyl-...	3.92	1.0	ug/L	695659	1	9.90	28555900	40.0
Methylene Chloride	3.98	0.6	ug/L	429010	1	9.90	28555900	40.0
2-Amino-oxazole	4.19	0.4	ug/L	307275	1	9.90	28555900	40.0
Toluene	4.28	1.4	ug/L	993173	1	9.90	28555900	40.0
Cyclotrisiloxane,...	5.37	0.3	ug/L	243740	1	9.90	28555900	40.0
2-Pentanone, 4-hy...	5.94	10.2	ug/L	7277890	1	9.90	28555900	40.0
Cyclopentasiloxan...	12.38	0.9	ug/L	849409	2	13.39	38728500	40.0
Thiocyanic acid, ...	22.54	0.3	ug/L	301756	4	22.91	43078800	40.0
Trisiloxane, 1,1,...	33.20	0.7	ug/L	359943	6	34.66	21158300	40.0
Cyclononasiloxane...	34.33	1.1	ug/L	561495	6	34.66	21158300	40.0
Cyclononasiloxane...	35.38	1.3	ug/L	704966	6	34.66	21158300	40.0
Cyclononasiloxane...	36.45	1.2	ug/L	640479	6	34.66	21158300	40.0
Cyclononasiloxane...	37.71	0.9	ug/L	472919	6	34.66	21158300	40.0
3,6-Dioxa-2,4,5,7...	39.25	0.4	ug/L	233793	6	34.66	21158300	40.0