User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/10/2002 Time: 11:36:13

Sample: AE12534
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/10/02 11:35 Ended: 6/10/02 11:35 Analyst: DLV
Page: 1

	Component Name	Wof	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		10.0

Comments for Sample AE12534 - Analysis $GCMS

Vestchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-10-2002 Time: 11:36:38

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052902\12534.D Vial: 25
Acq On : 30 May 2002 5:37 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 03 11:45:52 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon Jun 03 11:32:09 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	4214222	40.00	ug/L	-0.01
10) Napthalene-d8	13.39	136	16837310	40.00	ug/L	-0.02
17) Acenapthalene-d10	18.53	164	9191412	40.00	ug/L	-0.01
29) Phenanthranene-d10	22.91	188	14146216	40.00	ug/L	-0.01
37) Chrysene-d12	30.76	240	8985893	40.00	ug/L	-0.05
43) Perylene-d12	34.65	264	4806815	40.00	ug/L	-0.03
System Monitoring Compounds						
27) TCMX	20.50	209	1797844	32.43	ug/L	-0.01
Spiked Amount 40.000			Recovery = 81.08%			
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	20.50	77	29318	N.D.		
30) Nnitrosodiphenylamine	20.50	169	35056	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	140042	0.33	ug/L	99

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

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Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon Jun 03 11:32:09 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	30.76	228	19522	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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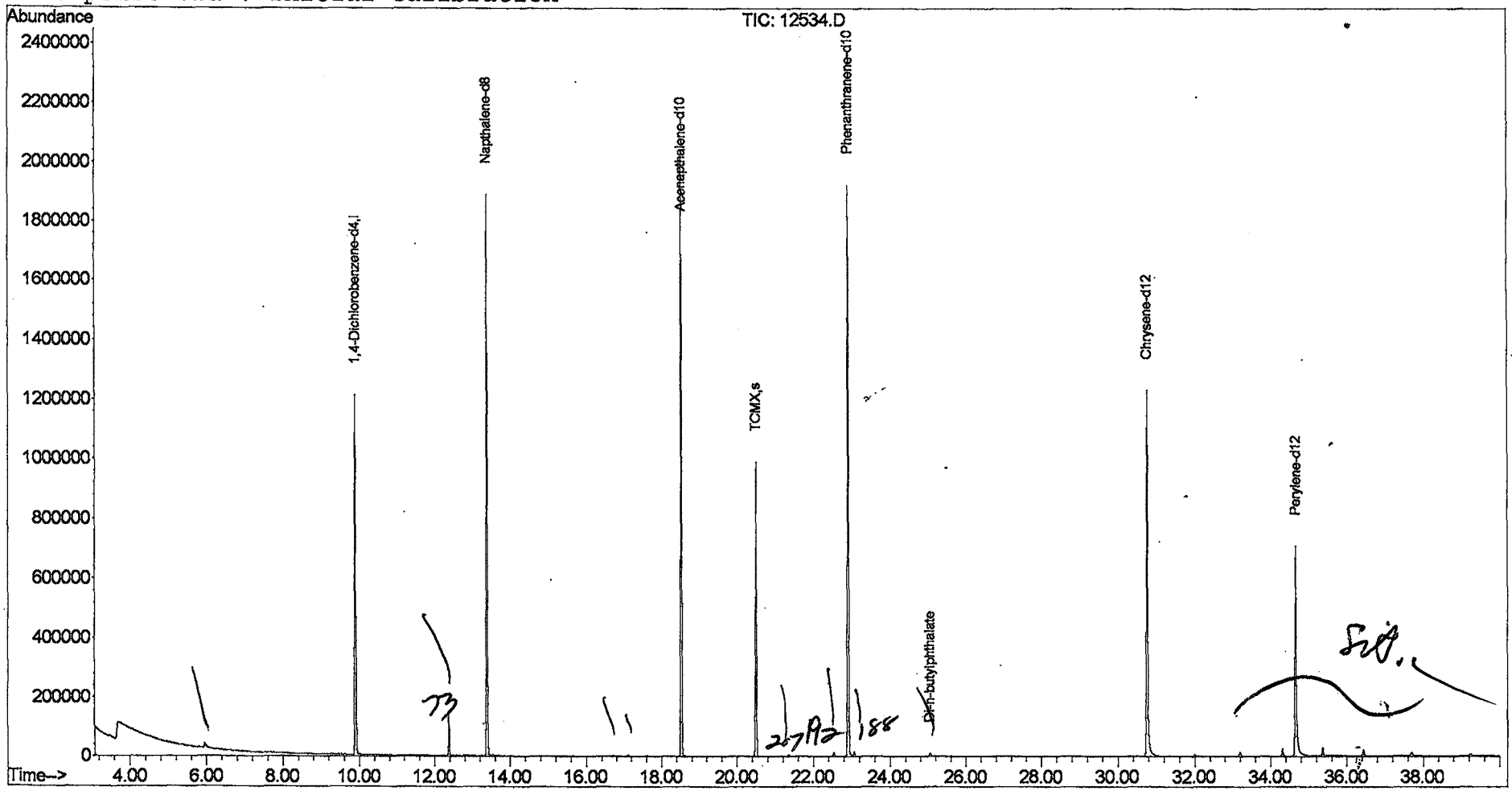
Acq On : 30 May 2002 5:37 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 3 11:45 2002 Quant Results File: 052202.RES

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon Jun 03 11:32:09 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052902\12534.D Vial: 25
Acq On : 30 May 2002 5:37 am Operator: McLean
Sample : gc/ms scan 5/28 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

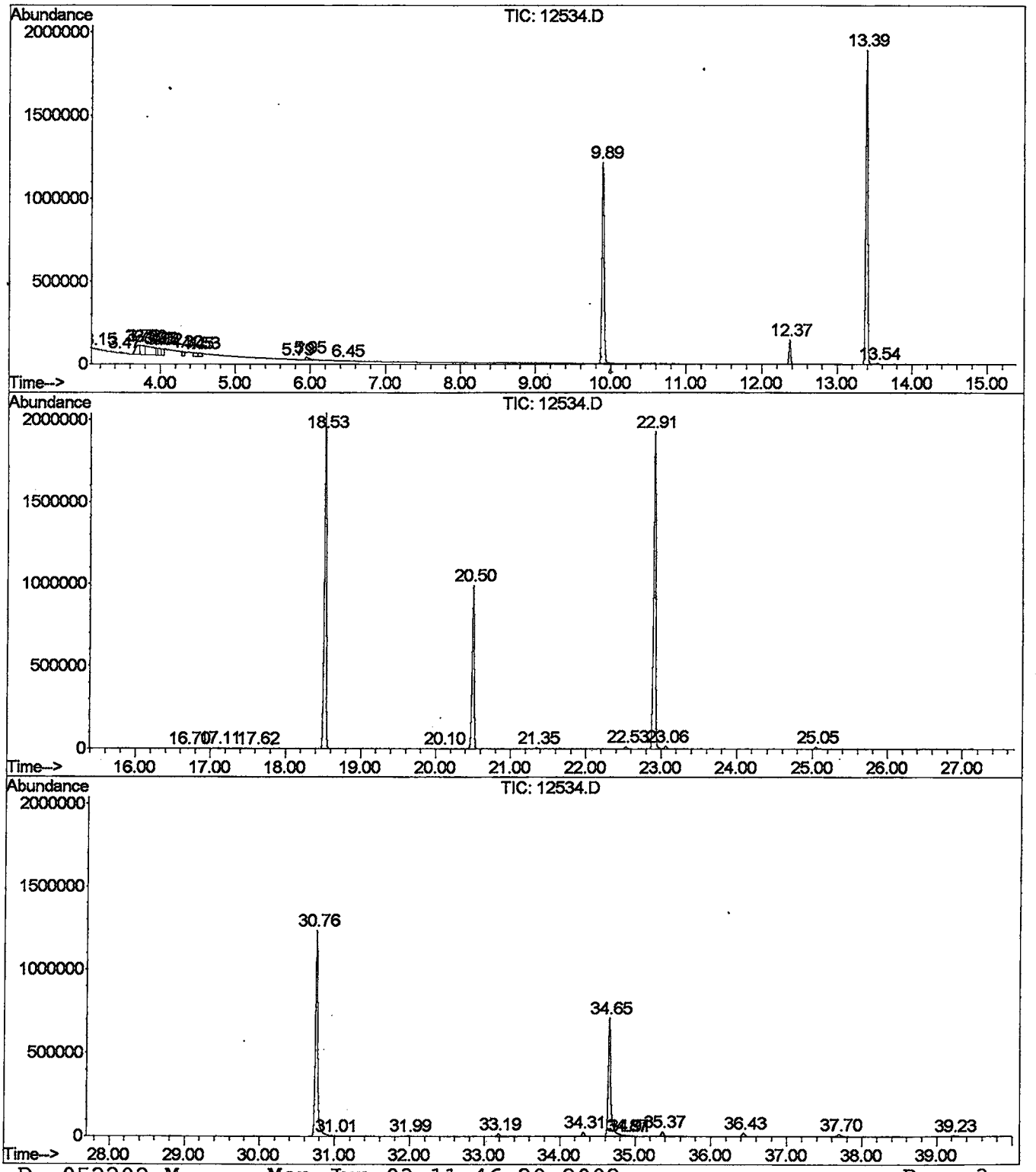
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.156	11	13	29	PV 5	2637	23299	0.06%	0.011%
2	3.473	63	67	72	PV 7	5333	106866	0.28%	0.049%
3	3.702	93	106	110	PV 3	55541	2049399	5.32%	0.934%
4	3.737	110	112	122	VV 8	55510	2305882	5.99%	1.051%
5	3.819	122	126	146	VV 4	52350	4005869	10.41%	1.825%
6	3.949	146	148	151	VV 3	42469	693842	1.80%	0.316%
7	3.978	151	153	159	VV 4	41718	1075751	2.79%	0.490%
8	4.025	159	161	166	VV 2	39315	932035	2.42%	0.425%
9	4.301	205	208	212	VV 3	27437	617667	1.60%	0.281%
10	4.448	231	233	242	VV 4	22533	758259	1.97%	0.345%
11	4.530	242	247	252	VV 8	21278	707758	1.84%	0.322%
12	5.788	457	461	469	VV 6	2454	51166	0.13%	0.023%
13	5.946	484	488	503	VV	17609	532083	1.38%	0.242%
14	6.452	571	574	576	PV 3	1674	13987	0.04%	0.006%
15	9.895	1150	1160	1187	PV	1213578	25279274	65.67%	11.517%
16	12.374	1569	1582	1592	PV	143948	2159633	5.61%	0.984%
17	13.391	1745	1755	1774	PV	1902152	34327314	89.17%	15.639%
18	13.544	1774	1781	1790	VV	4914	99888	0.26%	0.046%
19	16.705	2306	2319	2324	PV 3	2527	44963	0.12%	0.020%
20	17.110	2381	2388	2393	PV 2	4568	71599	0.19%	0.033%
21	17.621	2467	2475	2482	VV 5	2203	34418	0.09%	0.016%
22	18.526	2618	2629	2643	PV	2011379	37878429	98.39%	17.257%
23	20.101	2890	2897	2902	PB 4	1917	32601	0.08%	0.015%
24	20.500	2950	2965	2979	PV	969054	17815505	46.28%	8.116%
25	21.352	3104	3110	3116	VV 2	6328	96735	0.25%	0.044%
26	22.533	3304	3311	3320	PV	13368	238781	0.62%	0.109%
27	22.909	3350	3375	3395	VV 2	1932642	38497316	100.00%	17.539%
28	23.062	3395	3401	3408	VV 2	15487	301464	0.78%	0.137%
29	25.048	3728	3739	3749	PV	10985	210825	0.55%	0.096%
30	30.759	4691	4711	4749	PV 2	1228283	27817881	72.26%	12.673%
31	31.006	4749	4753	4773	VB 7	2754	106791	0.28%	0.049%
32	31.993	4914	4921	4929	PV 3	5254	108594	0.28%	0.049%
33	33.191	5117	5125	5133	PV 3	15089	308728	0.80%	0.141%
34	34.314	5300	5316	5333	PV 2	24703	535753	1.39%	0.244%
35	34.655	5363	5374	5410	VV	707585	17704740	45.99%	8.066%
36	34.872	5410	5411	5415	VV 4	5591	87720	0.23%	0.040%
37	34.907	5415	5417	5429	VV 8	4397	149443	0.39%	0.068%

38	35.365	5487	5495	5504	VV	2	27411	614363	1.60%	0.280%
39	36.435	5661	5677	5687	VV	4	20800	564858	1.47%	0.257%
40	37.698	5879	5892	5909	VV	5	11054	378010	0.98%	0.172%
41	39.232	6140	6153	6163	PV	8	4257	157964	0.41%	0.072%

Sum of corrected areas: 219497450

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052902\12534.D
Operator : McLean
Acquired : 30 May 2002 5:37 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: gc/ms scan 5/28
Misc Info :
Vial Number: 25
Quant File :052202.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\12534.D
Acq On : 30 May 2002 5:37 am
Sample : gc/ms scan 5/28
Misc :
MS Integration Params: LSCINT.e

Vial: 25
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

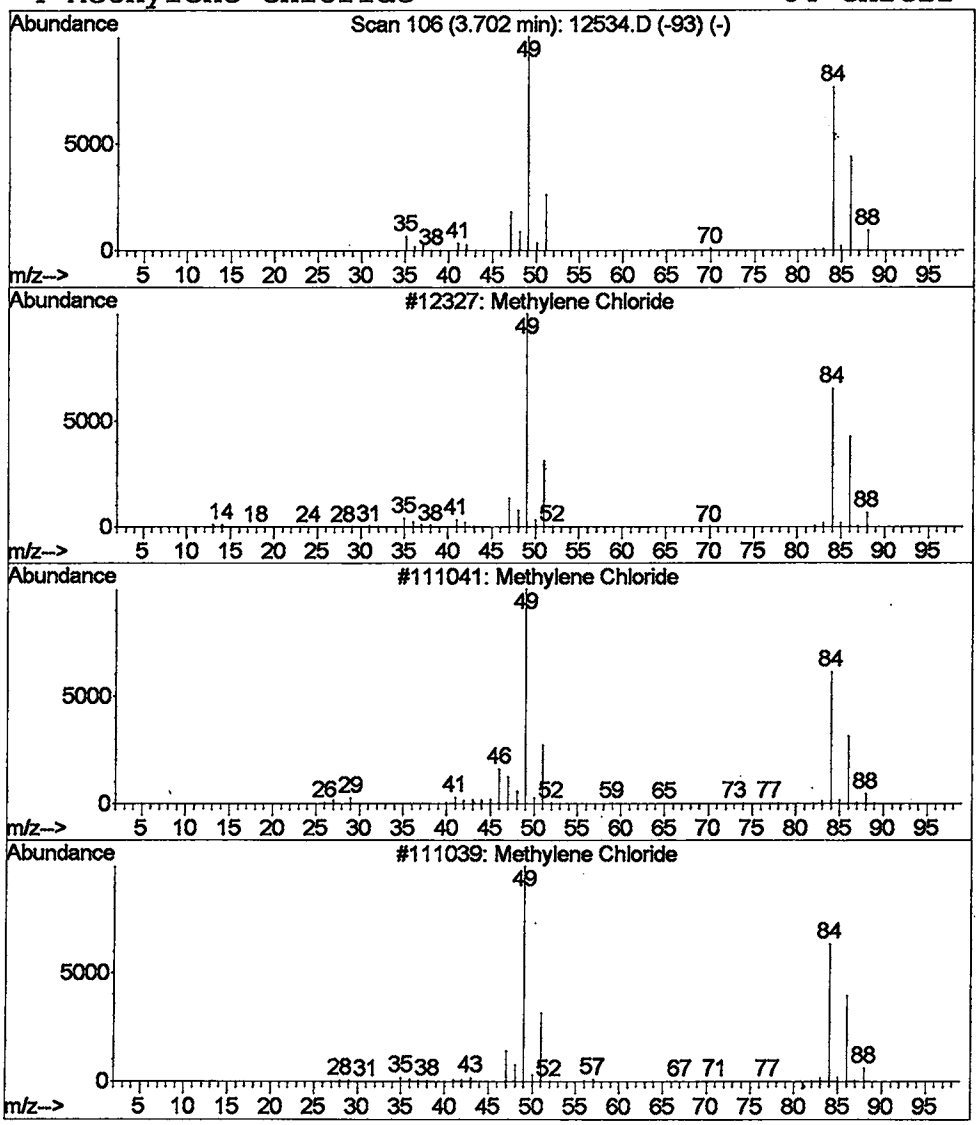
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

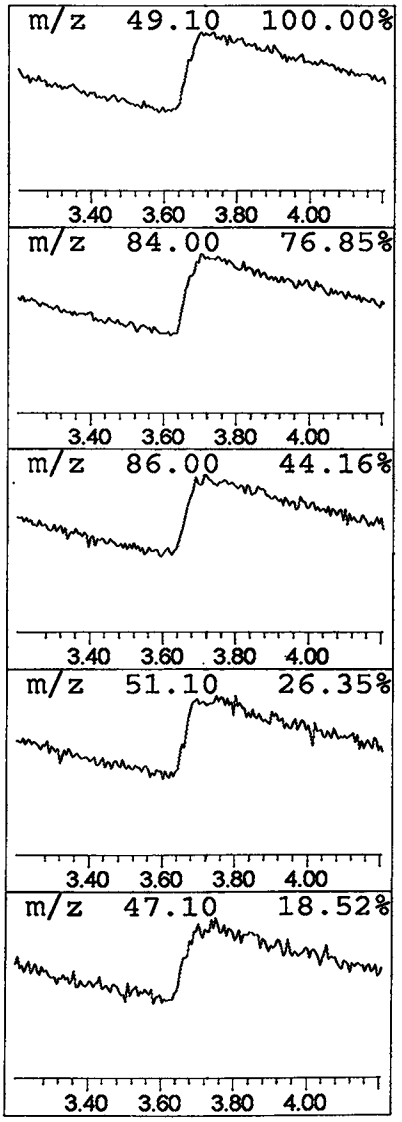
****

Peak Number 1 Methylene Chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	3.24 ug/L	2049400	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	91
3	Methylene Chloride	84	CH2Cl2	000075-09-2	91
4	Methylene Chloride	84	CH2Cl2	000075-09-2	38





Library Search Compound Report

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Acq On : 30 May 2002 5:37 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

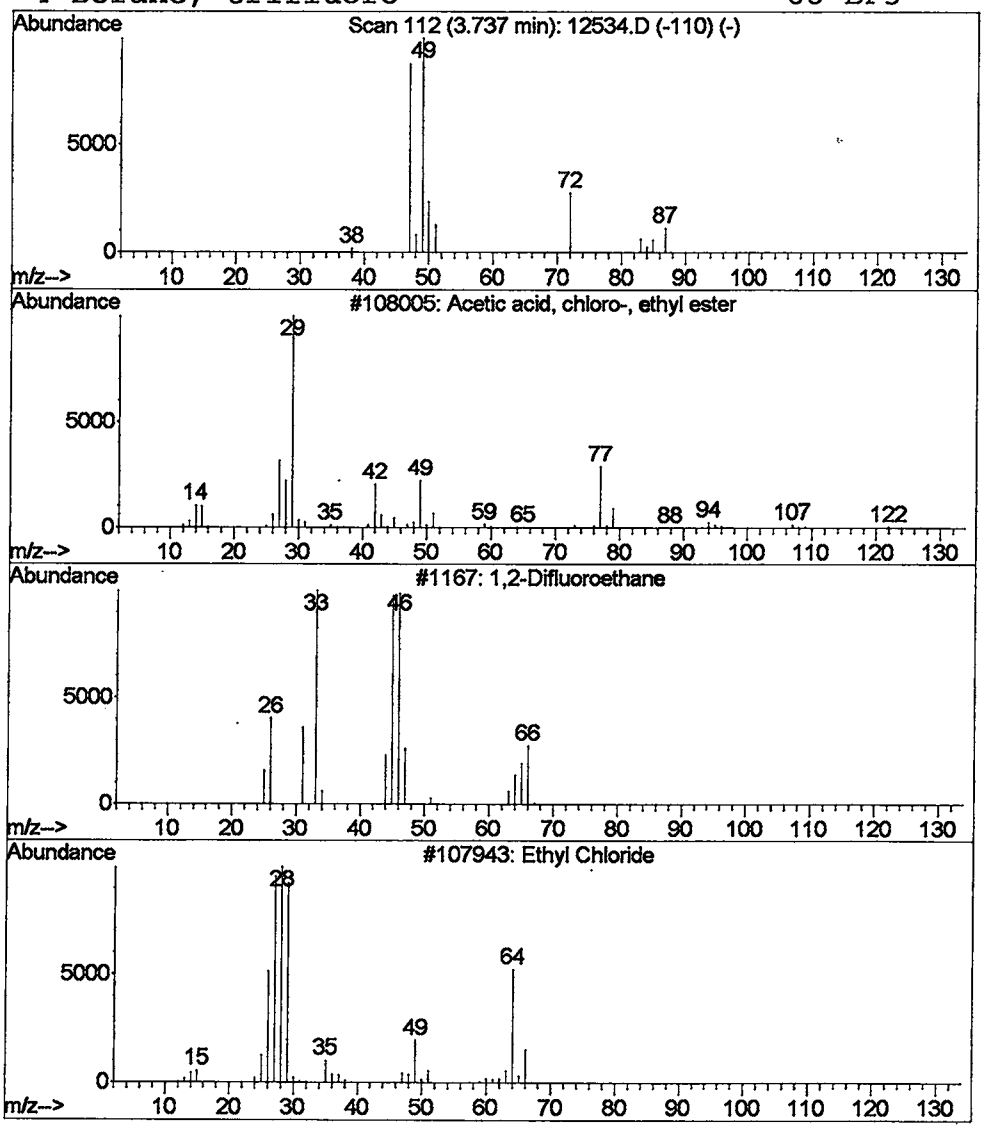
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

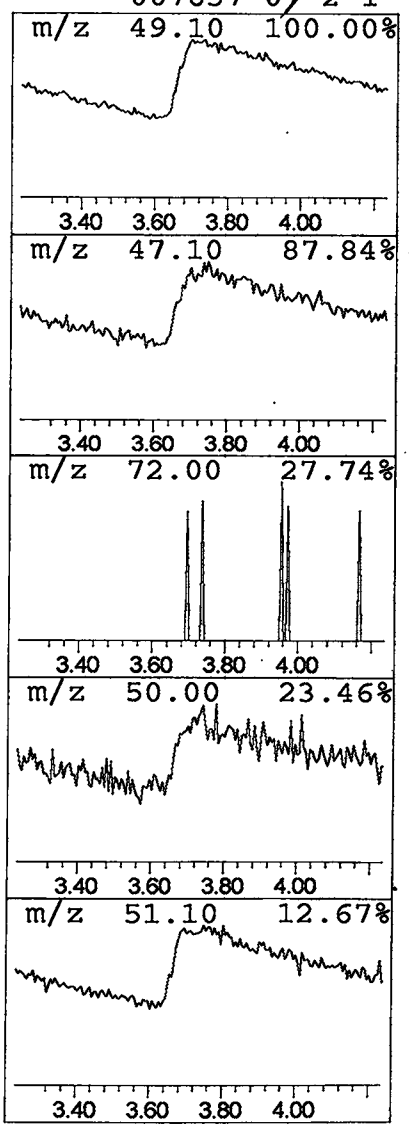
****

Peak Number 2 Acetic acid, chloro-, ethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	3.65 ug/L	2305880	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
2	1,2-Difluoroethane	66	C2H4F2	000624-72-6	1
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	1
4	Borane, trifluoro-	68	BF3	007637-07-2	1





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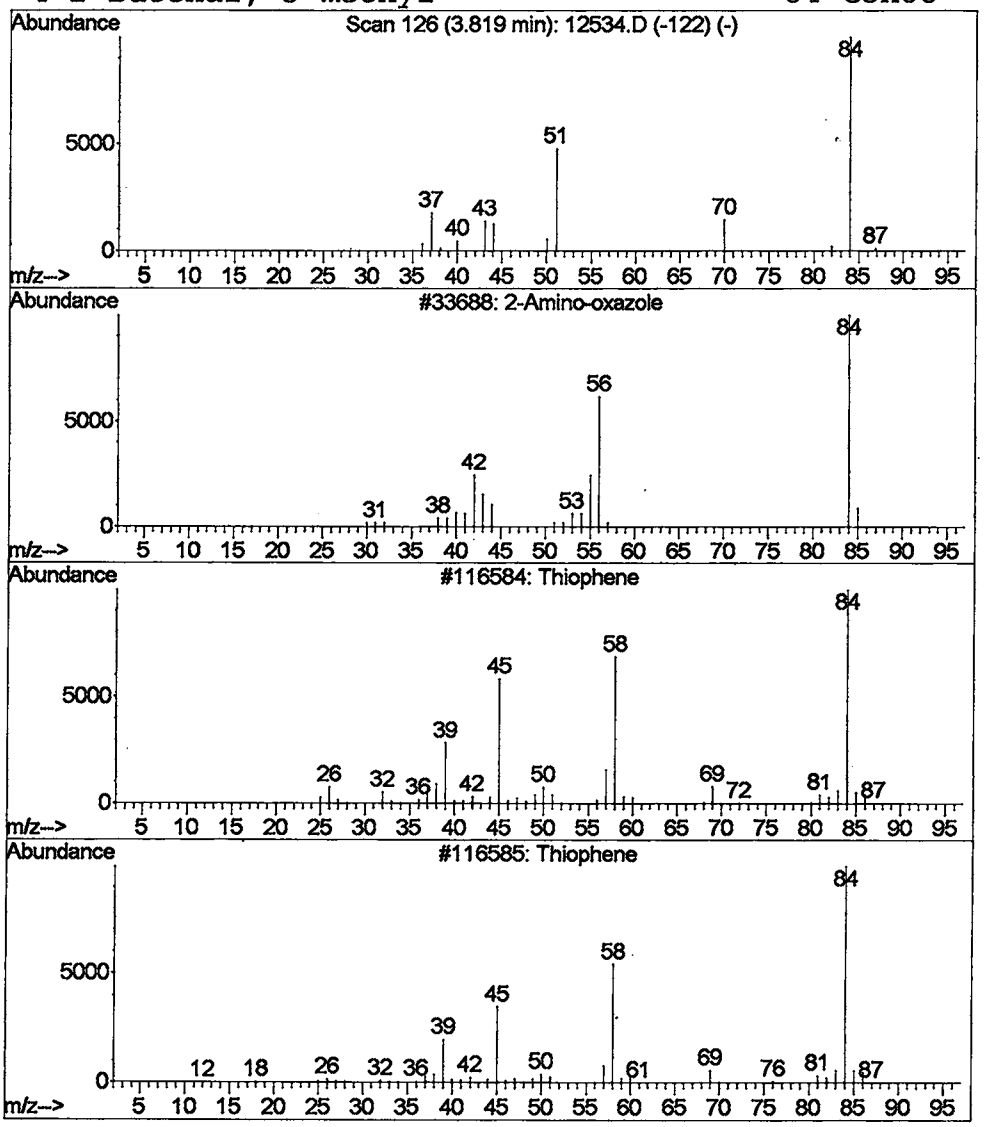
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

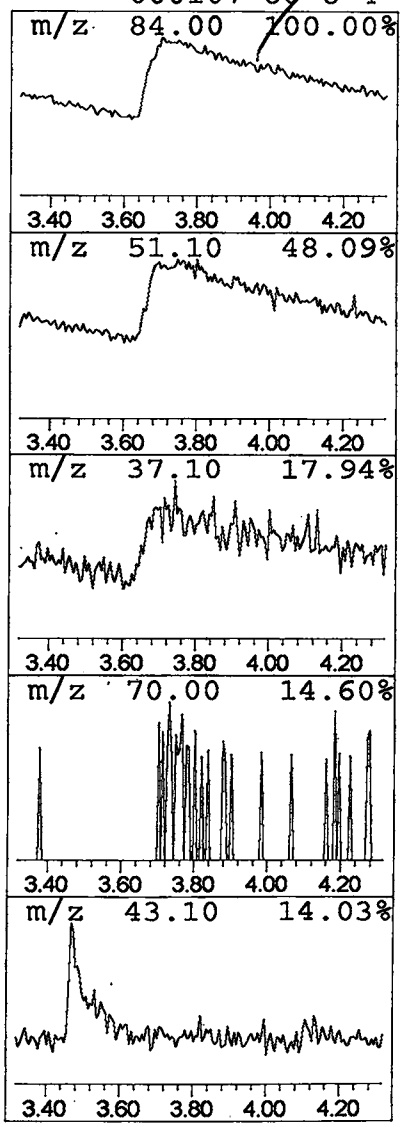
****

Peak Number 3 2-Amino-oxazole Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	6.34 ug/L	4005870	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-oxazole	84	C3H4N2O	1000144-64-0	4
2	Thiophene	84	C4H4S	000110-02-1	4
3	Thiophene	84	C4H4S	000110-02-1	4
4	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	4





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Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
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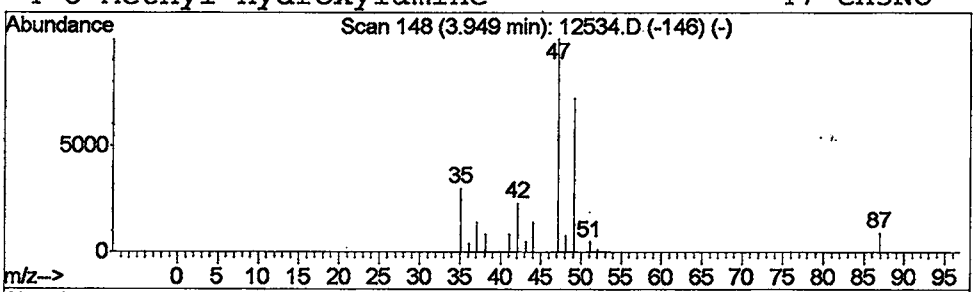
Library : C:\DATABASE\NIST98.L

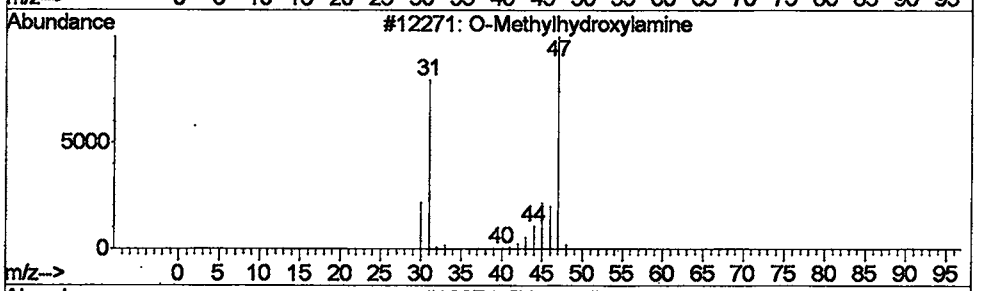
****

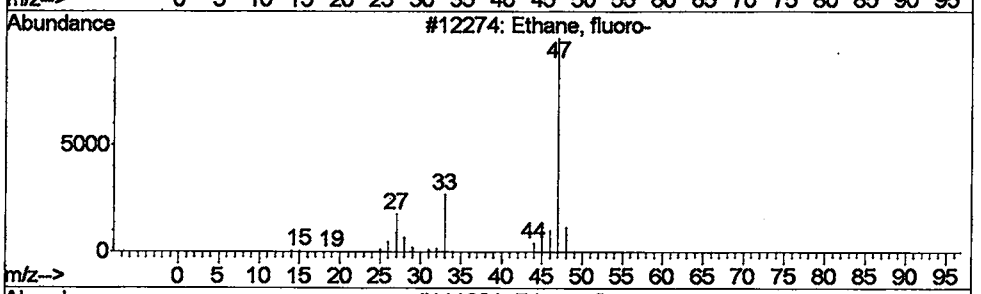
Peak Number 4 O-Methylhydroxylamine Concentration Rank 12

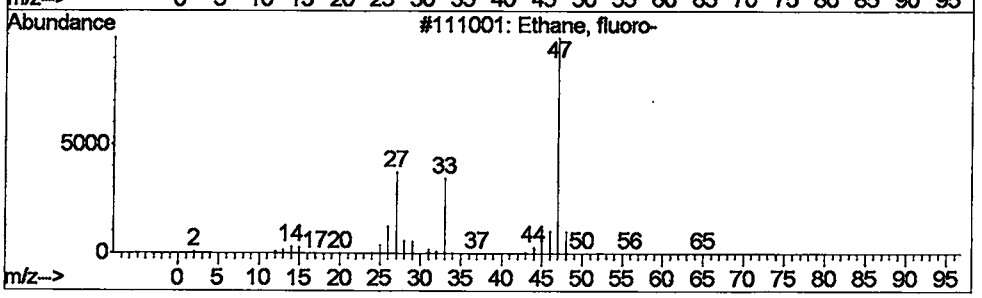
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.95	1.10 ug/L	693842	1,4-Dichlorobenzene-d4	9.90

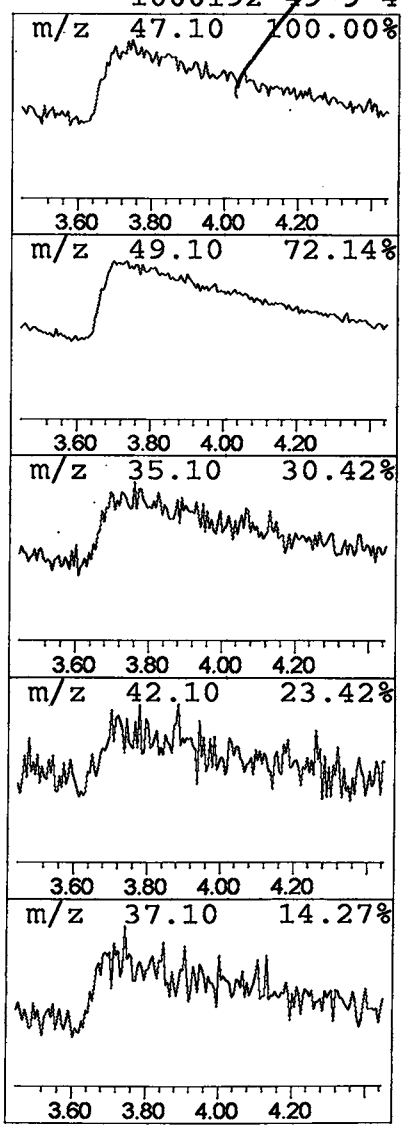
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	O-Methylhydroxylamine	47	CH5NO	1000202-02-6	7
2	Ethane, fluoro-	48	C2H5F	000353-36-6	5
3	Ethane, fluoro-	48	C2H5F	000353-36-6	5
4	O-Methyl-hydroxylamine	47	CH5NO	1000192-49-9	4











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Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

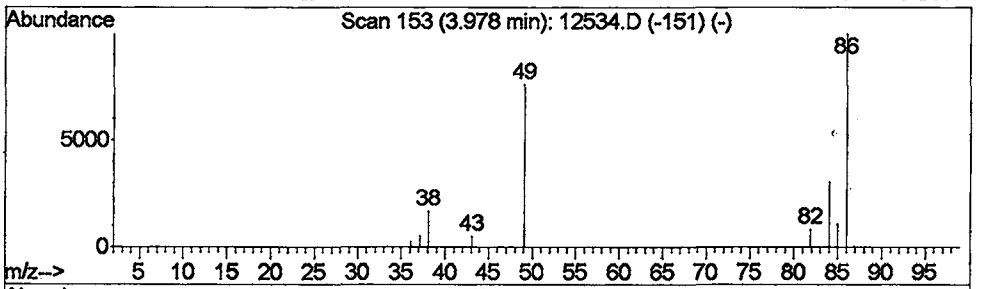
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

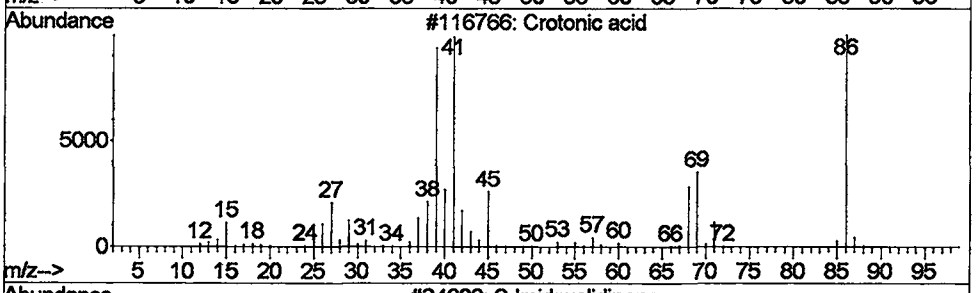
****

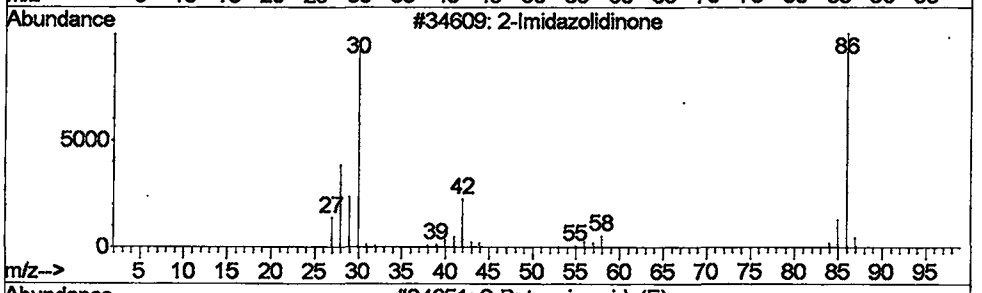
Peak Number 5 Crotonic acid Concentration Rank 5

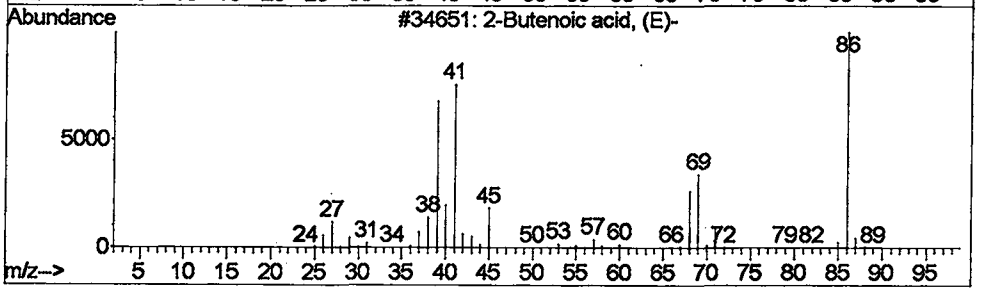
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	1.70 ug/L	1075750	1,4-Dichlorobenzene-d4	9.90

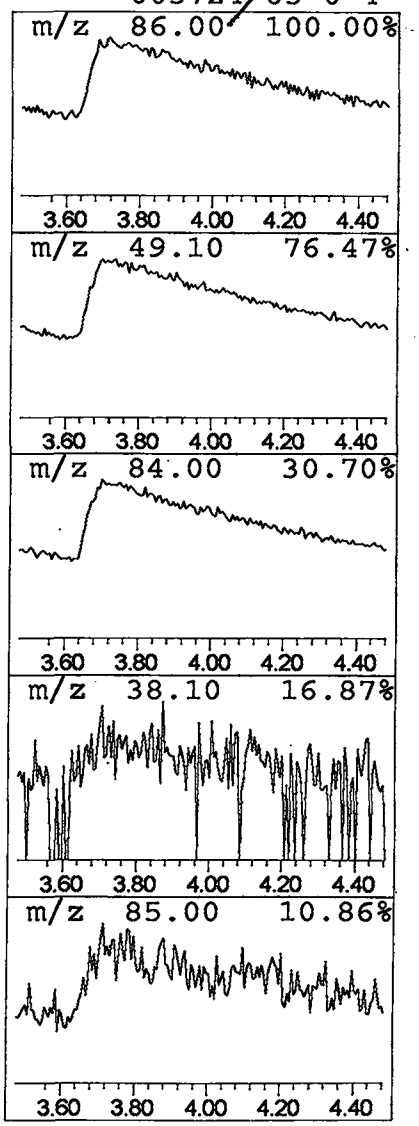
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Crotonic acid	86	C4H6O2	003724-65-0	5
2	2-Imidazolidinone	86	C3H6N2O	000120-93-4	4
3	2-Butenoic acid, (E)-	86	C4H6O2	000107-93-7	4
4	Crotonic acid	86	C4H6O2	003724-65-0	4











Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\12534.D
Acq On : 30 May 2002 5:37 am
Sample : gc/ms scan 5/28
Misc :
MS Integration Params: LSCINT.e

Vial: 25
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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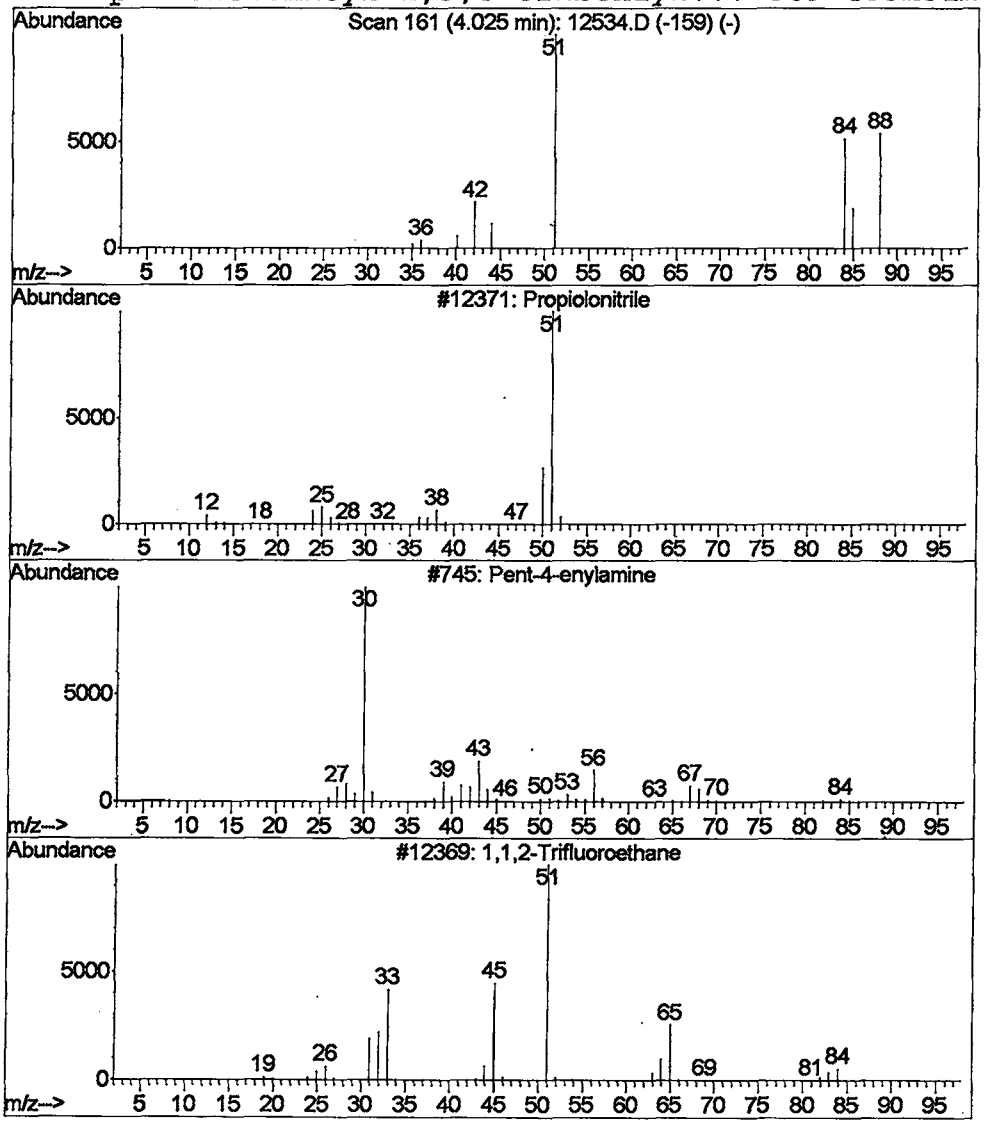
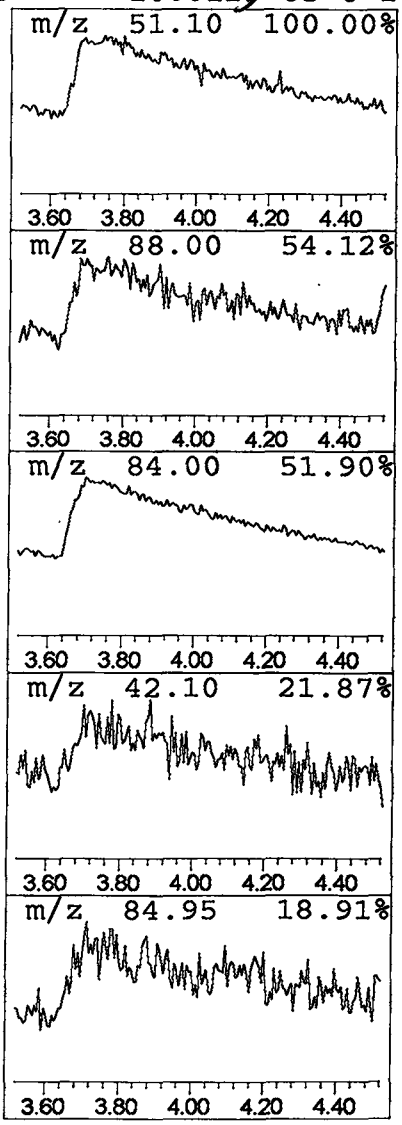
Peak Number 6 Propiolonitrile Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	1.47 ug/L	932035	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propiolonitrile	51	C3HN	001070-71-9	4
2	Pent-4-enylamine	85	C5H11N	022537-07-1	2
3	1,1,2-Trifluoroethane	84	C2H3F3	000430-66-0	1
4	2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31NO8	1000129-85-6	1





Library Search Compound Report

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Acq On : 30 May 2002 5:37 am
Sample : gc/ms scan 5/28
Misc :
MS Integration Params: LSCINT.e

Vial: 25
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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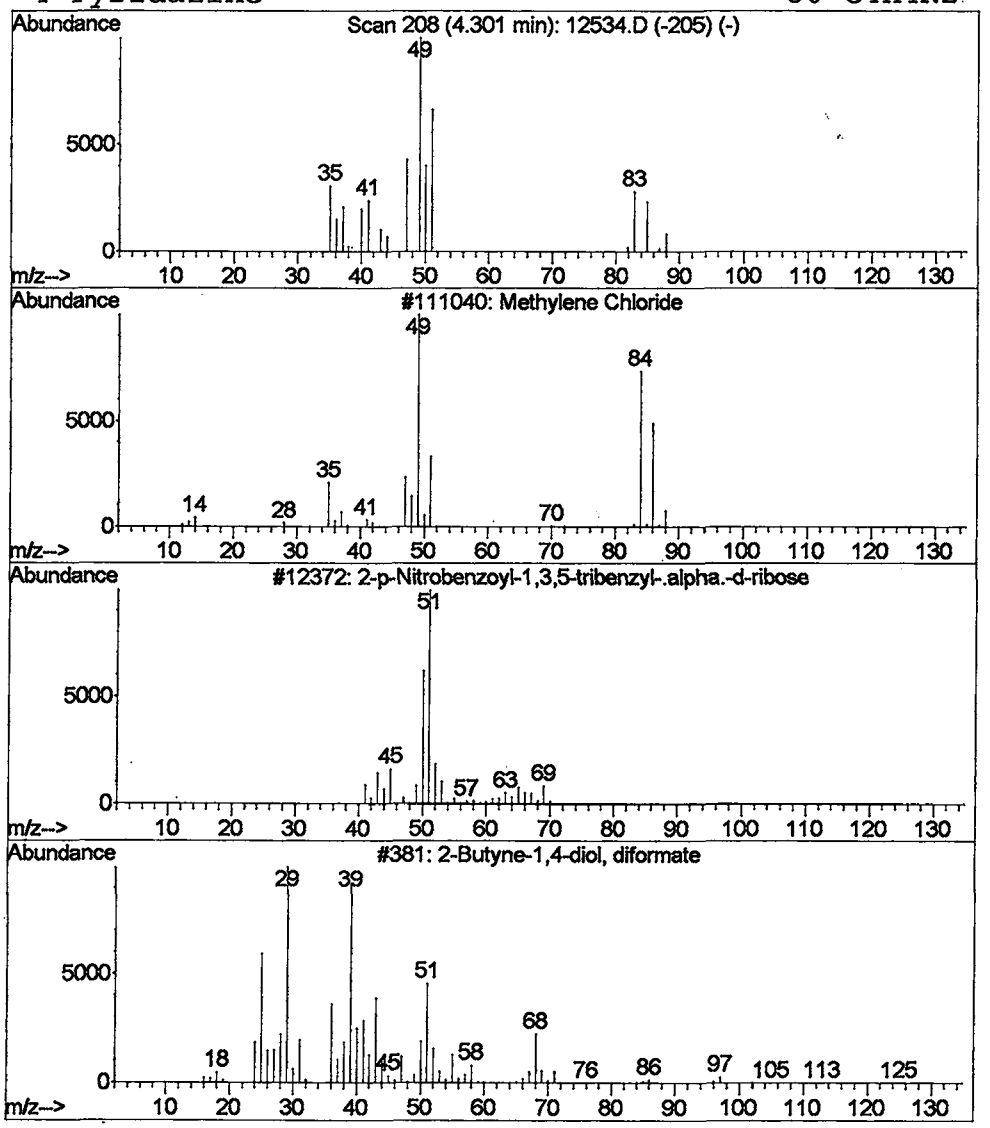
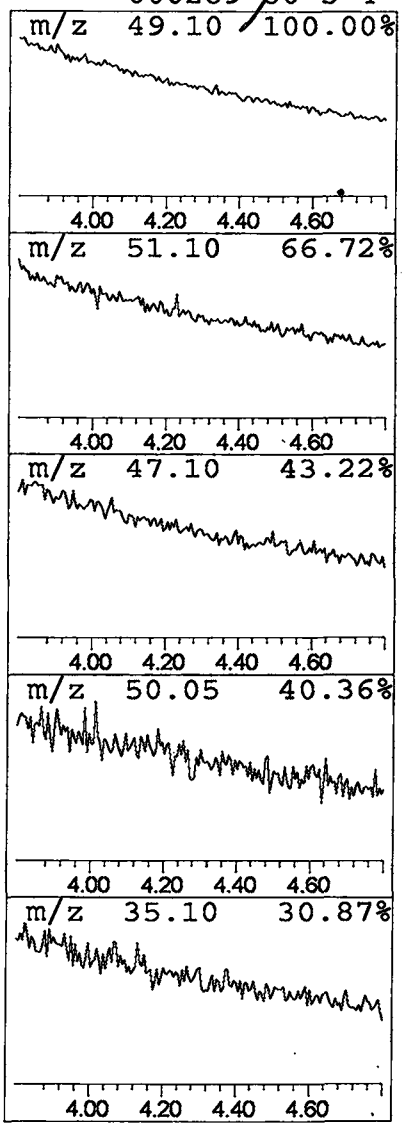
Peak Number 7 Methylene Chloride Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	0.98 ug/L	617667	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	28
2	2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31NO8	1000129-85-6	9
3	2-Butyne-1,4-diol, diformate	142	C6H6O4	036677-73-3	4
4	Pyridazine	80	C4H4N2	000289-80-5	4





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Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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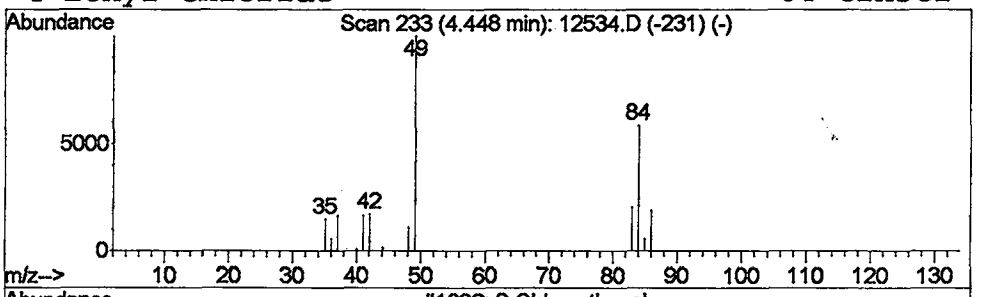
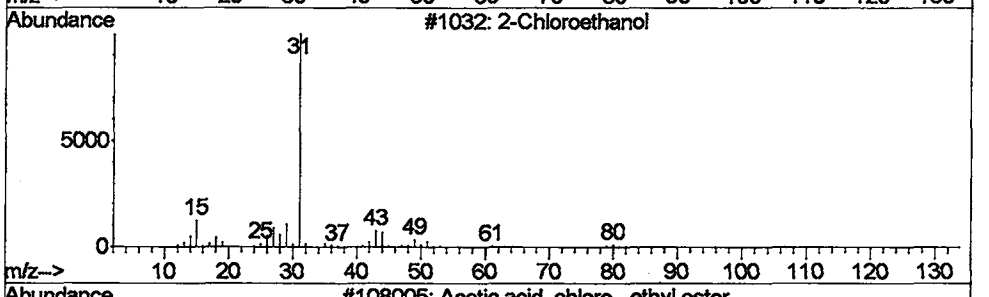
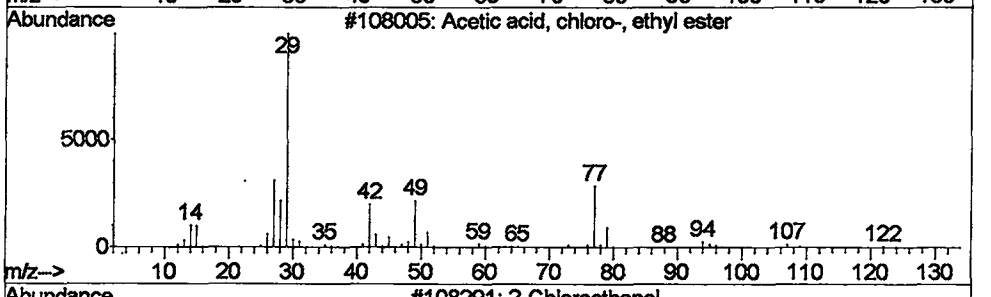
Peak Number 8 2-Chloroethanol Concentration Rank 10

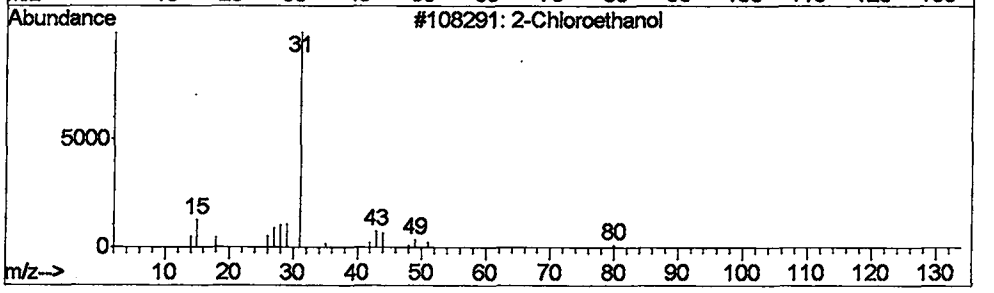
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	1.20 ug/L	758259	1,4-Dichlorobenzene-d4	9.90

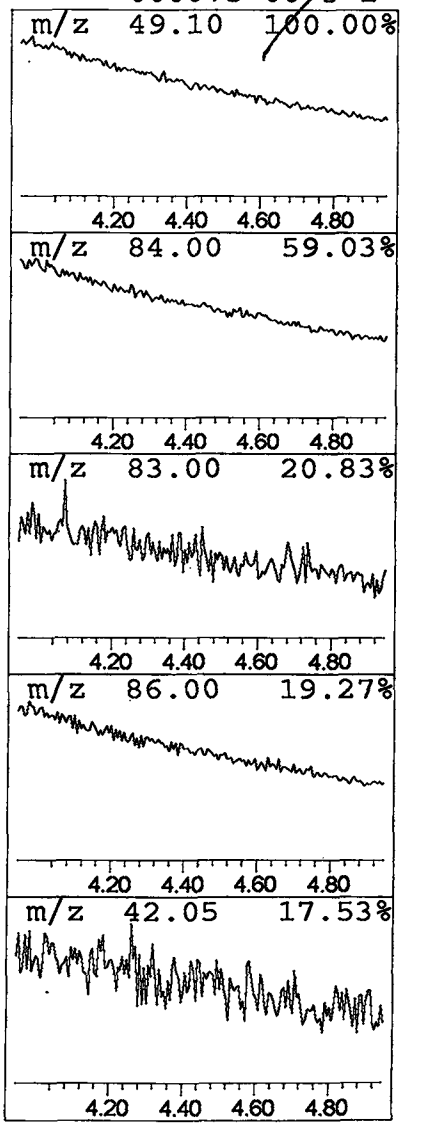
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethanol	80	C2H5ClO	000107-07-3	2
2	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
3	2-Chloroethanol	80	C2H5ClO	000107-07-3	2
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	2











Library Search Compound Report

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Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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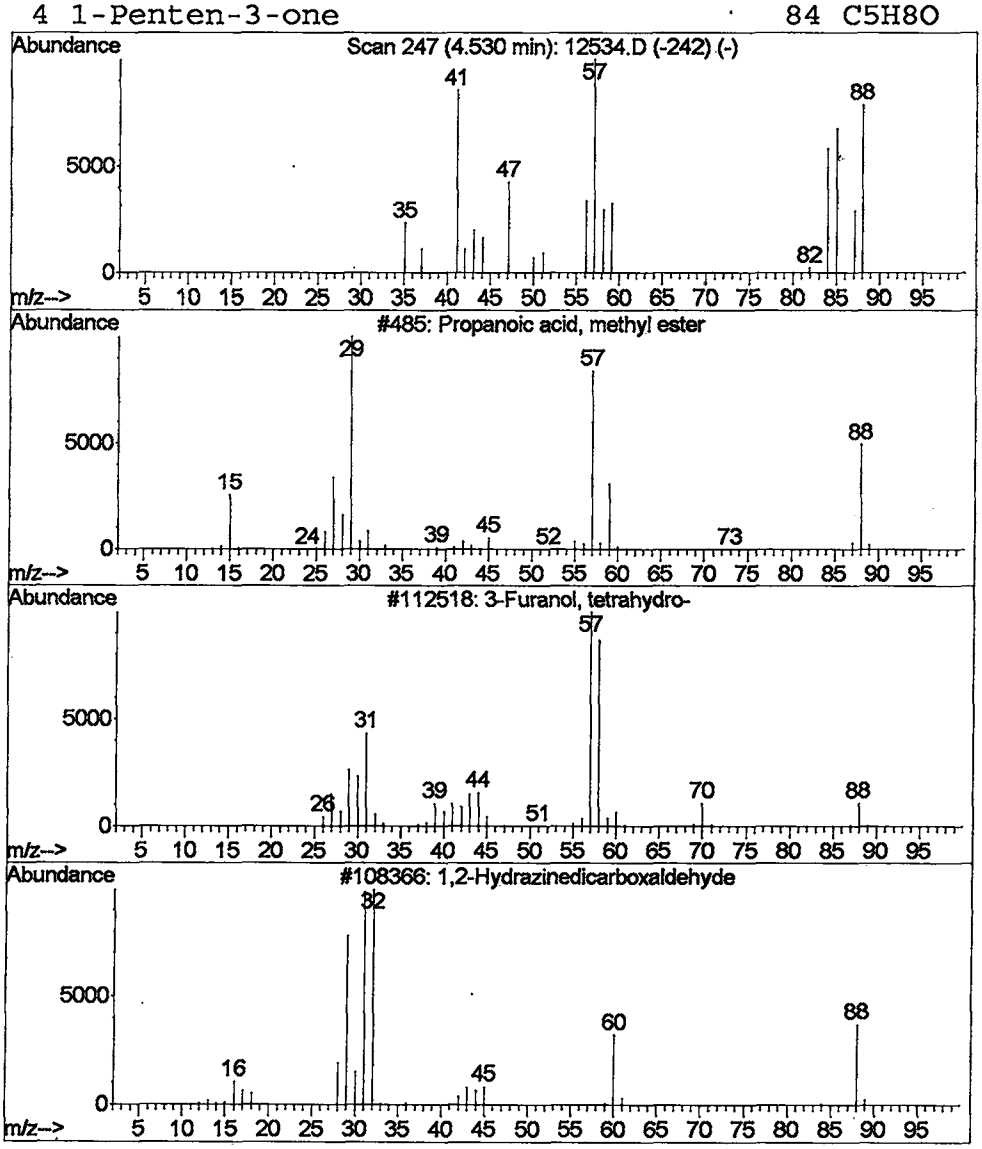
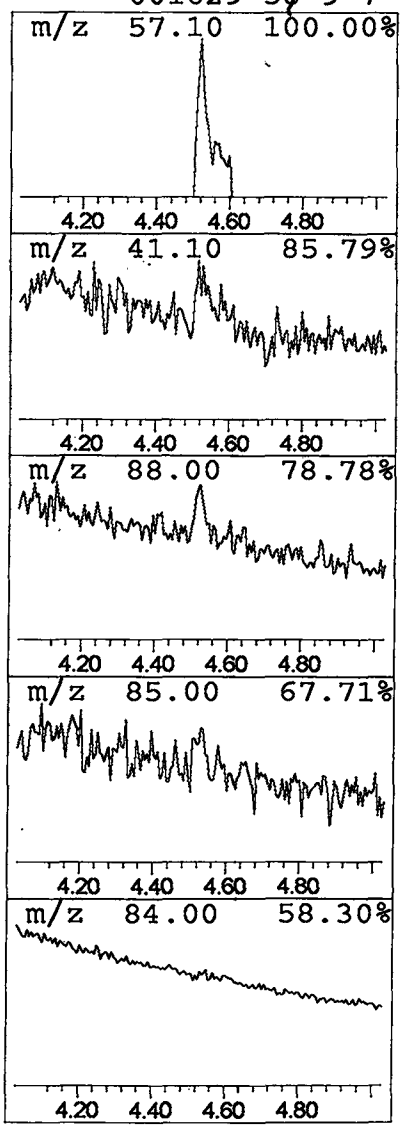
Peak Number 9 Propanoic acid, methyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	1.12 ug/L	707758	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, methyl ester	88	C4H8O2	000554-12-1	9
2	3-Furanol, tetrahydro-	88	C4H8O2	000453-20-3	9
3	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	9
4	1-Penten-3-one	84	C5H8O	001629-58-9	7





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MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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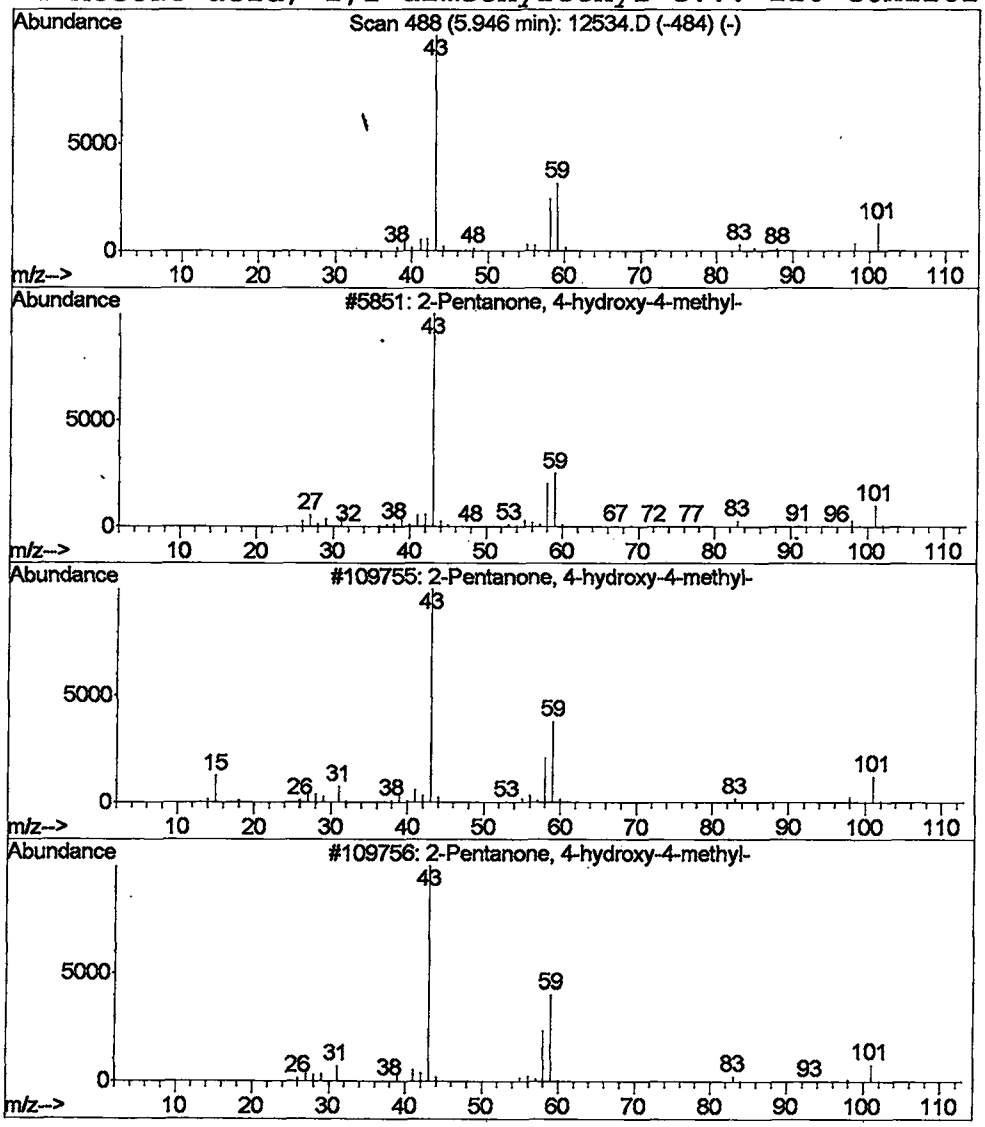
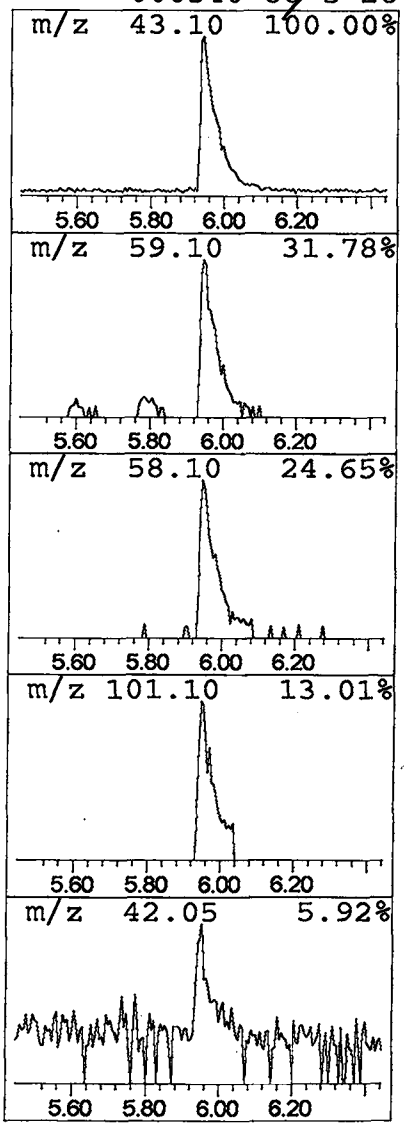
Peak Number 10 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	0.84 ug/L	532083	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	72
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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28





Library Search Compound Report

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Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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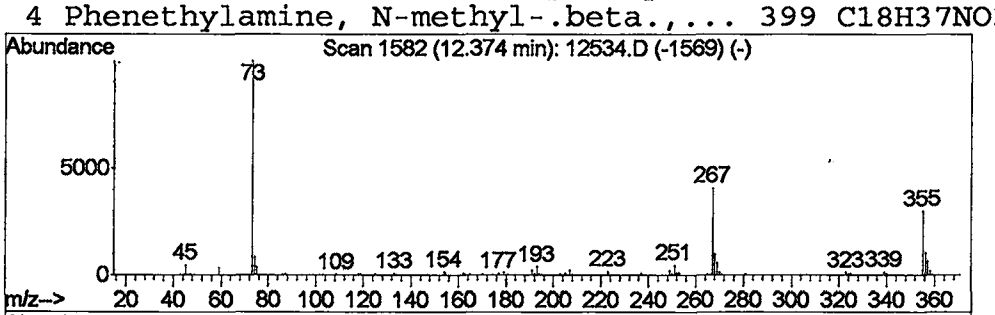
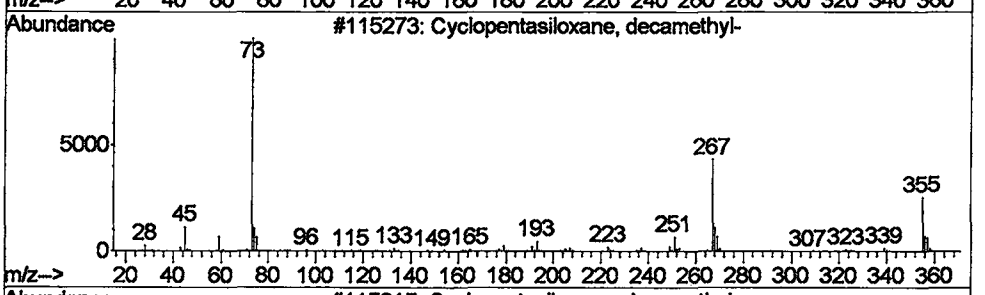
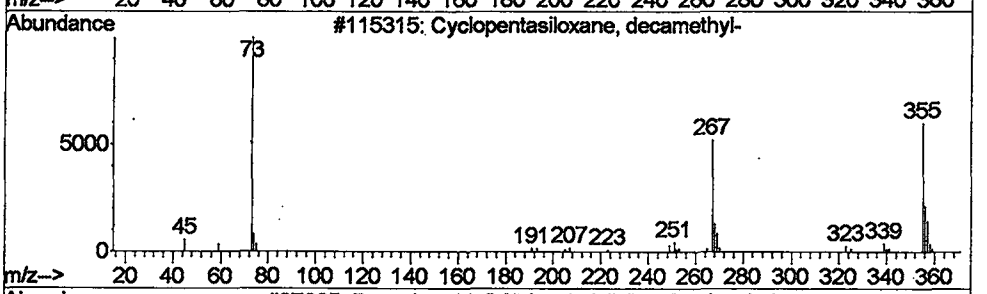
Peak Number 11 Cyclopentasiloxane, decamet... Concentration Rank 4

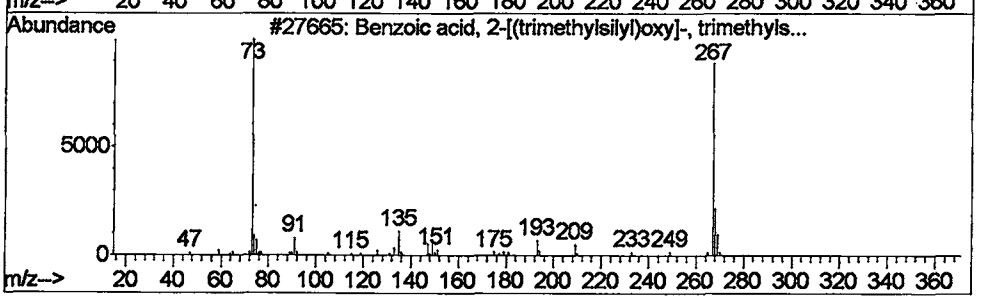
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.52 ug/L	2159630	Napthalene-d8	13.39

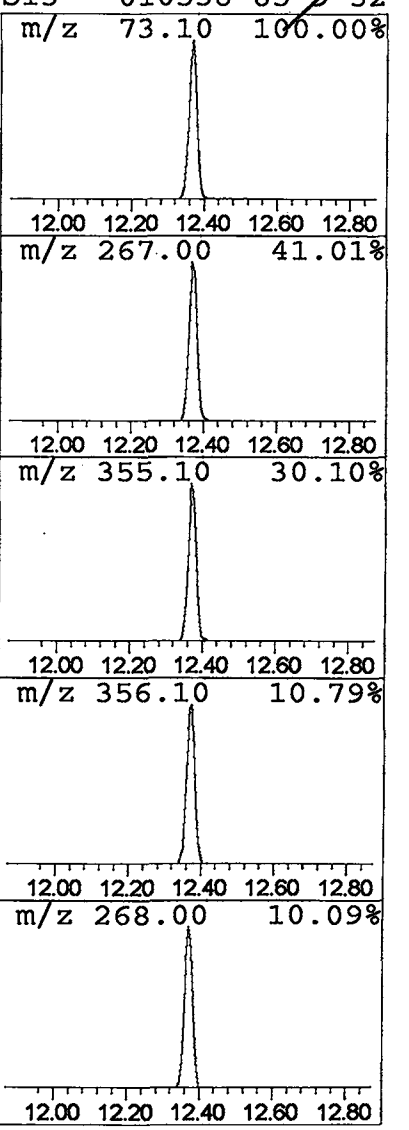
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	49
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38
4	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	32











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Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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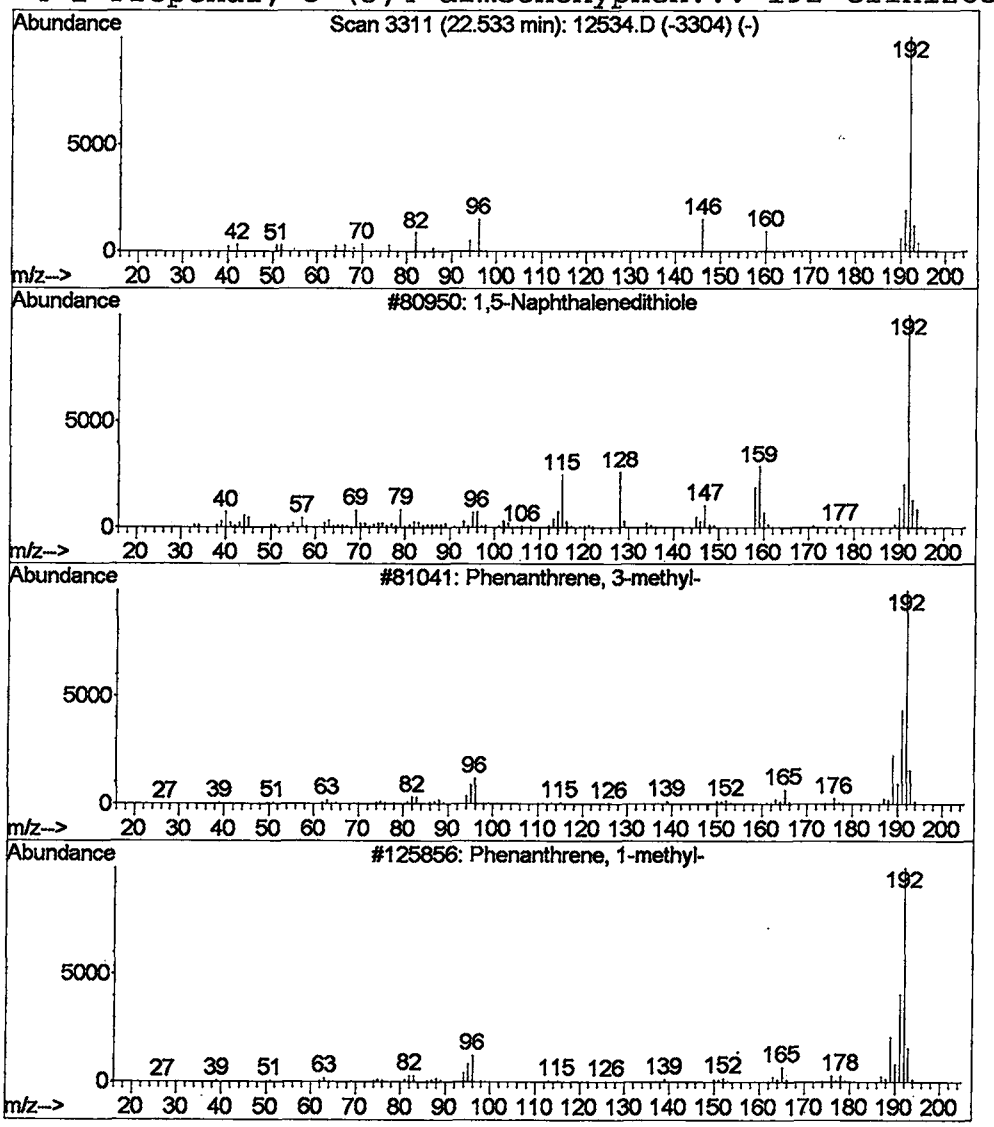
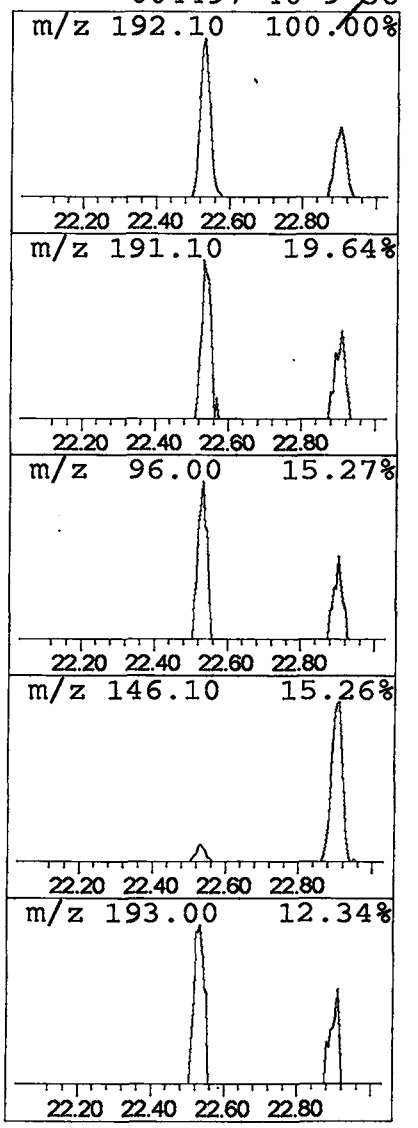
Peak Number 12 1,5-Naphthalenedithiole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	0.25 ug/L	238781	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	50
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	42
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	36
4	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	36





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Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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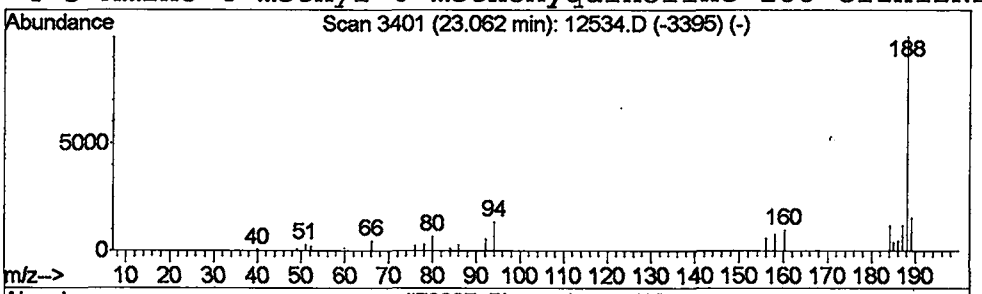
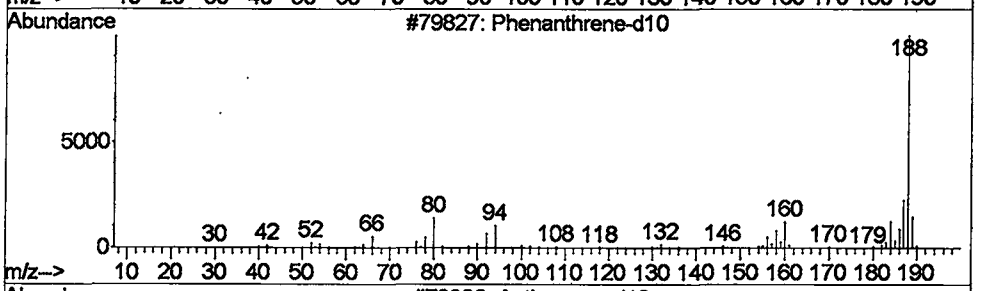
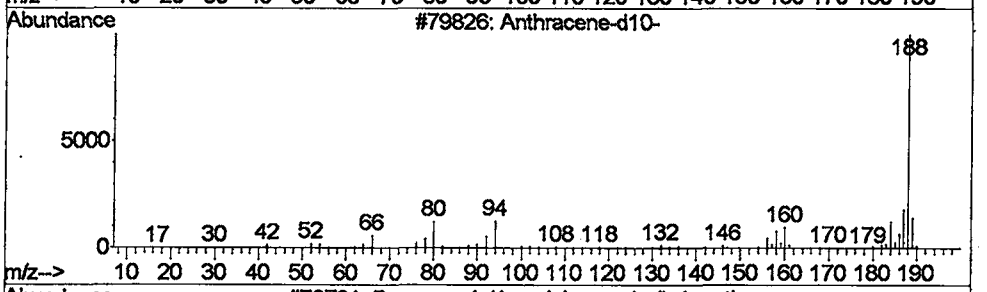
Peak Number 13 Phenanthrene-d10 Concentration Rank 19

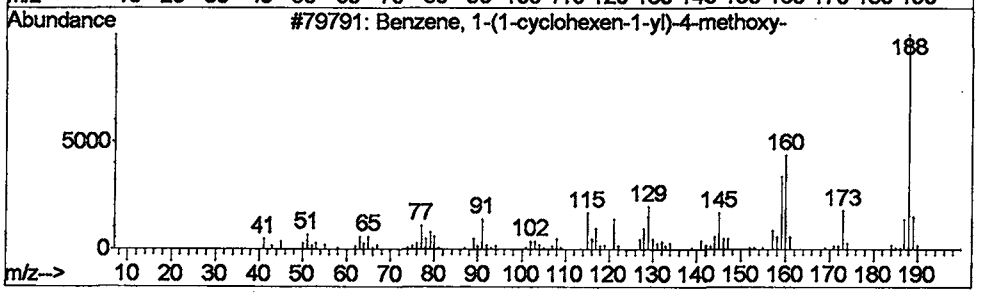
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	0.31 ug/L	301464	Phenanthranene-d10	22.91

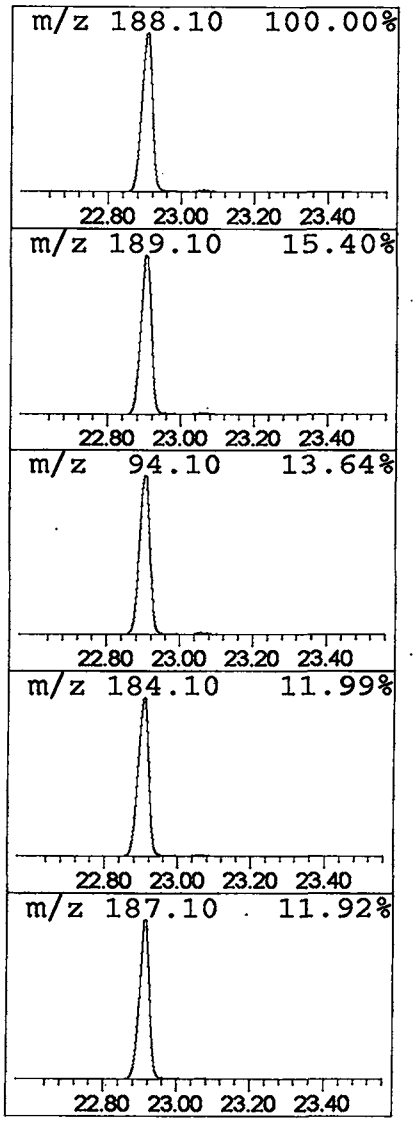
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	86
2	Anthracene-d10-	188	C14D10	001719-06-8	86
3	Benzene, 1-(1-cyclohexen-1-yl)-4...	188	C13H16O	020758-60-5	45
4	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	45











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MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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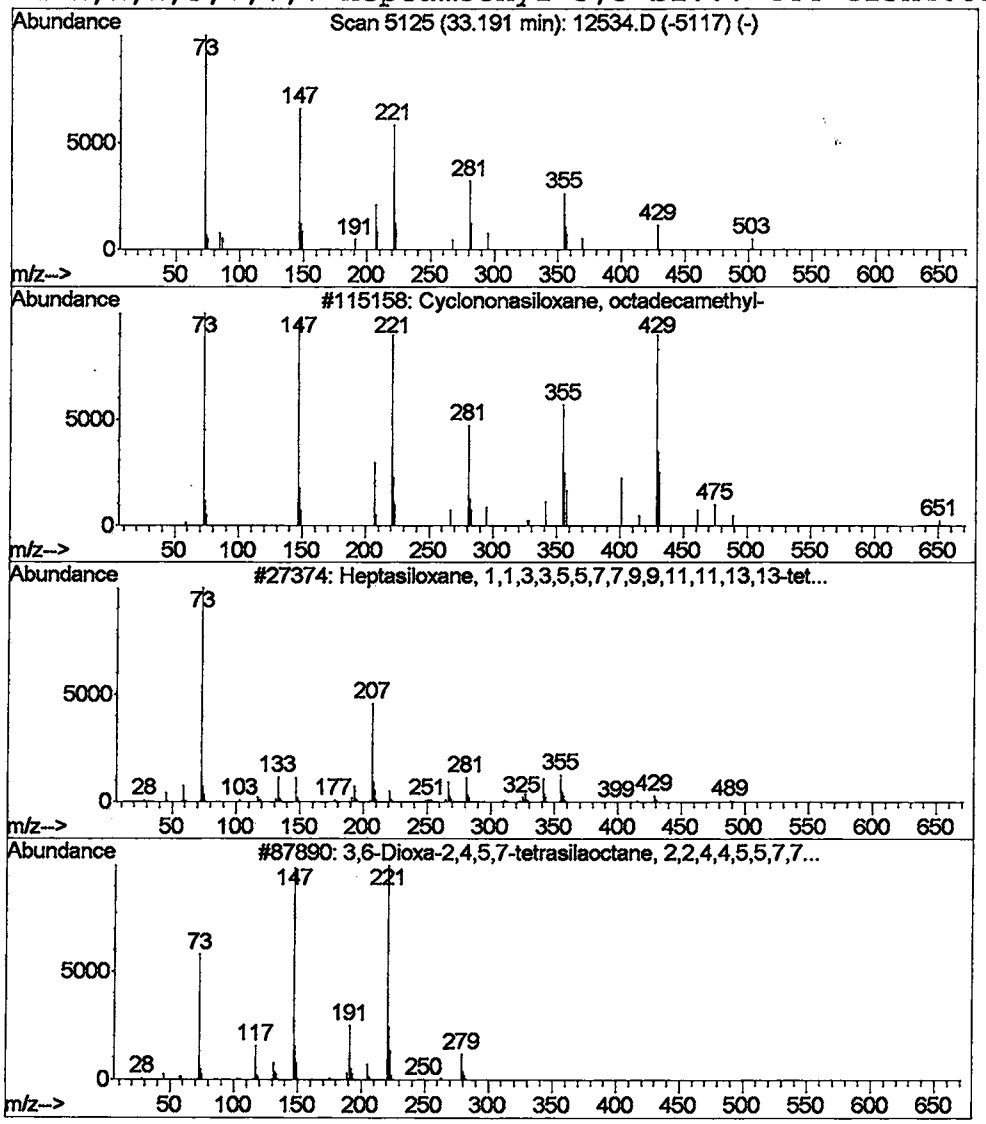
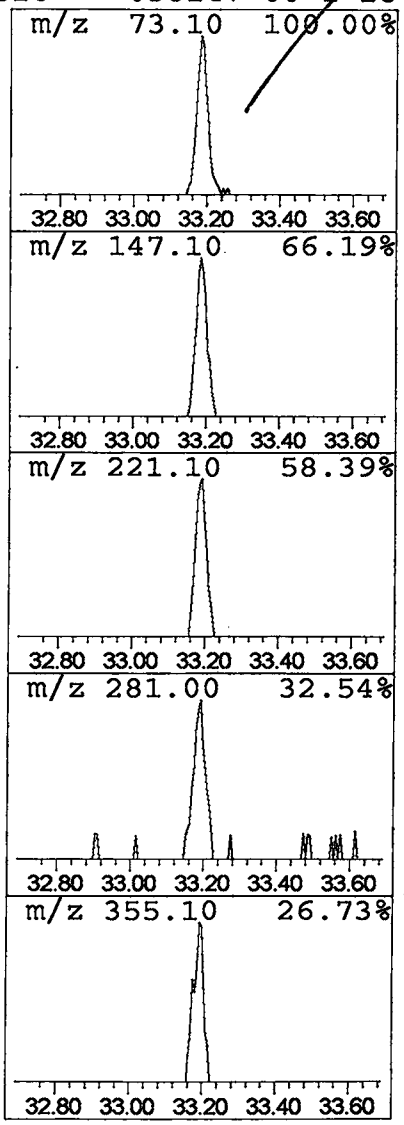
Peak Number 14 Cyclononasiloxane, octadeca... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.19	0.70 ug/L	308728	Perylene-d12	34.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	90
2	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	37
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	32
4	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	28





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Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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

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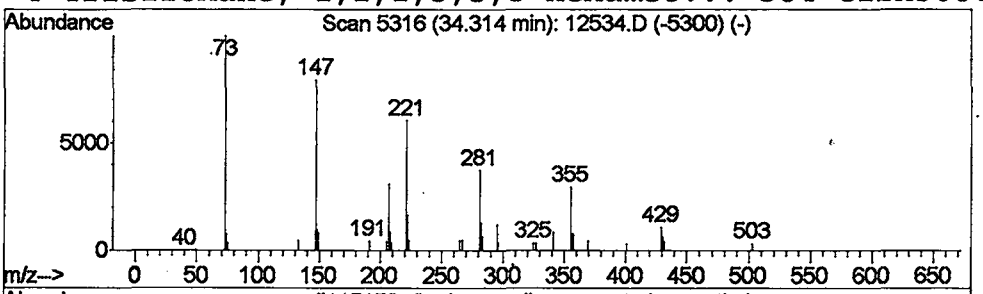
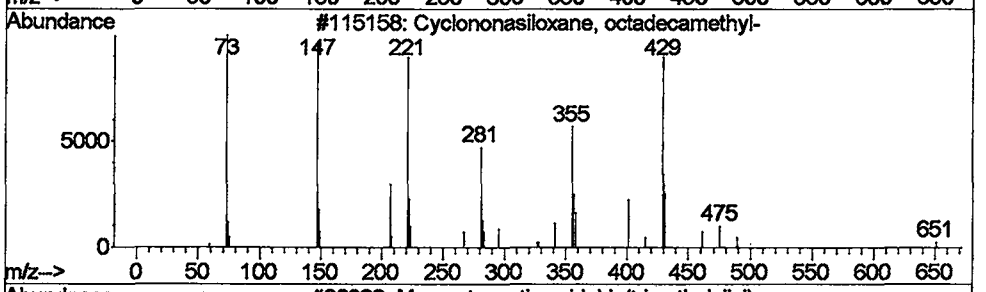
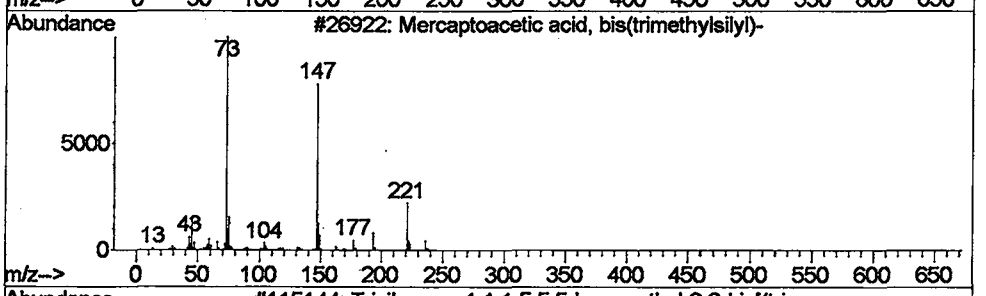
Peak Number 15 Cyclononasiloxane, octadeca... Concentration Rank 9

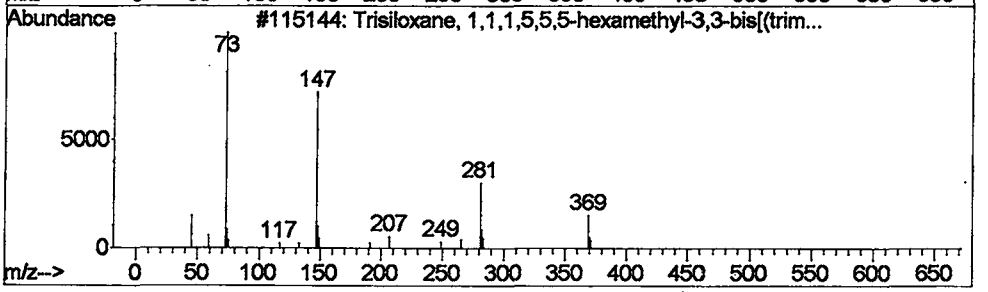
R.T.	EstConc	Area	Relative to ISTD	R.T.
34.31	1.21 ug/L	535753	Perylene-d12	34.65

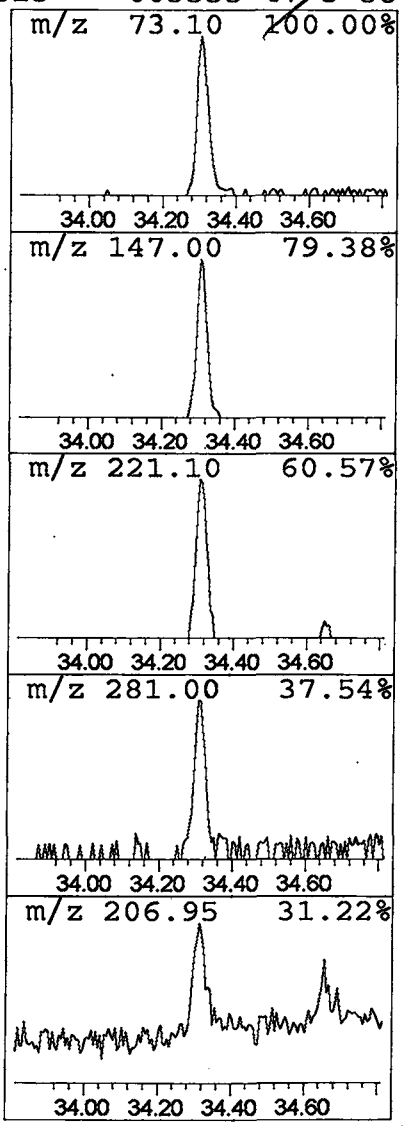
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	50
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	47
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	43
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	38











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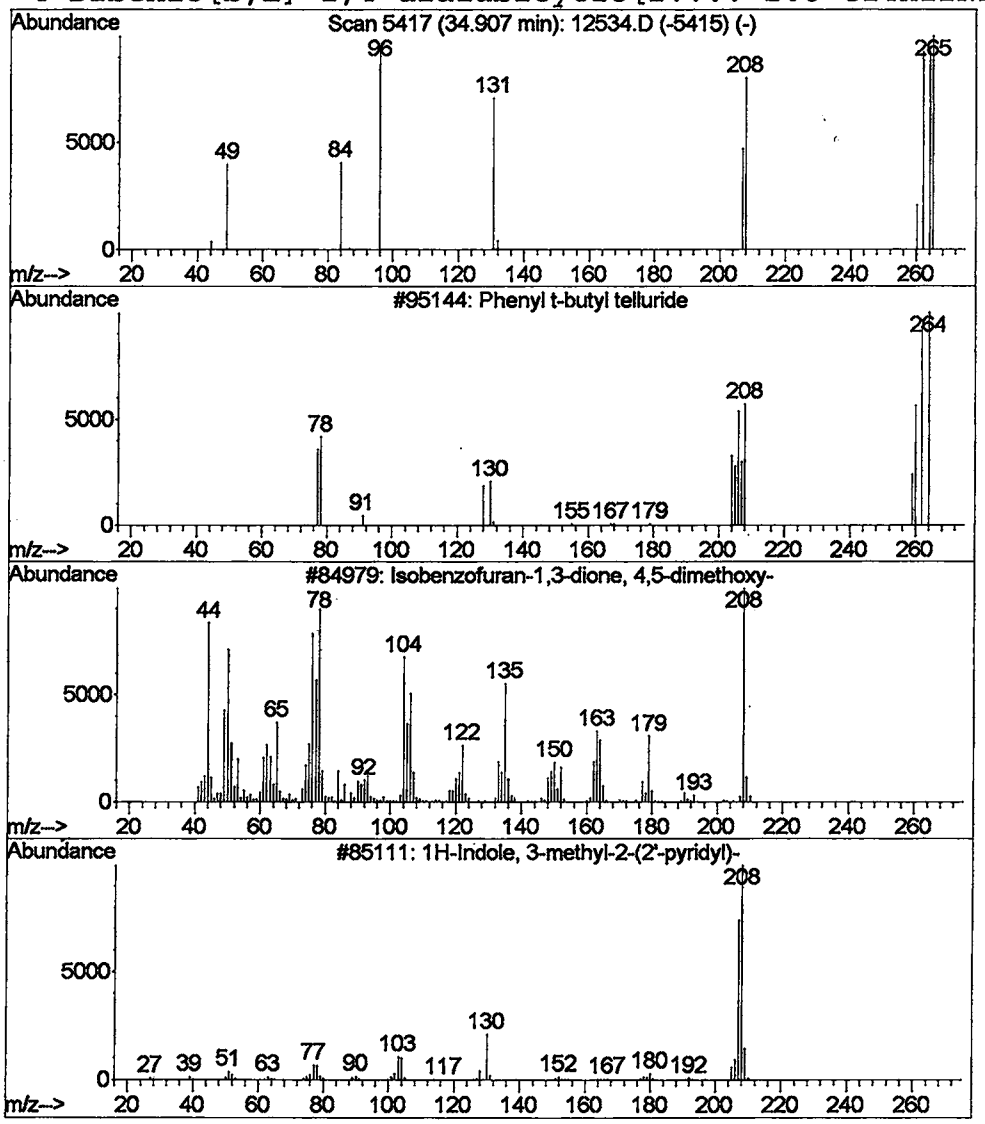
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

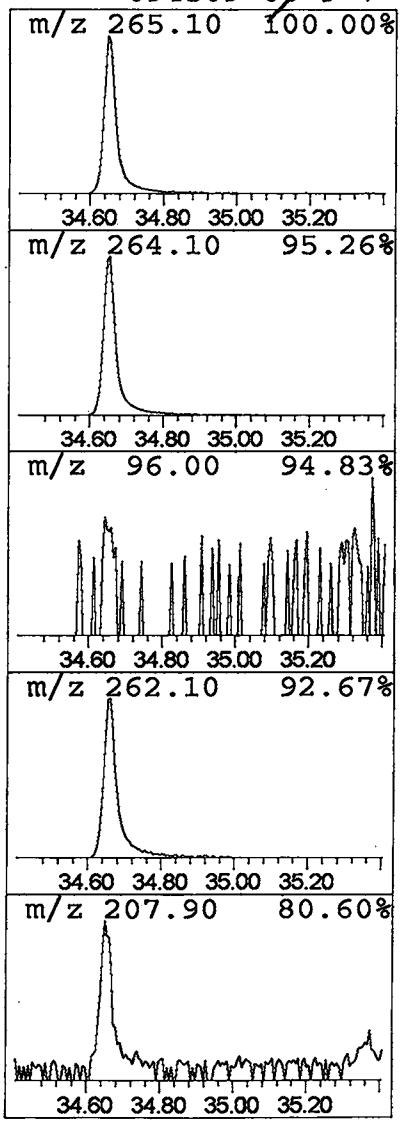
****

Peak Number 16 Phenyl t-butyl telluride Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.91	0.34 ug/L	149443	Perylene-d12	34.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenyl t-butyl telluride	264	C10H14Te	1000148-36-6	25
2	Isobenzofuran-1,3-dione, 4,5-dim...	208	C10H8O5	001567-56-2	12
3	1H-Indole, 3-methyl-2-(2'-pyridyl)-	208	C14H12N2	000951-25-7	7
4	Dibenzo[b,E]-1,4-diazabicyclo[2....	208	C14H12N2	094509-68-9	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\12534.D Vial: 25
Acq On : 30 May 2002 5:37 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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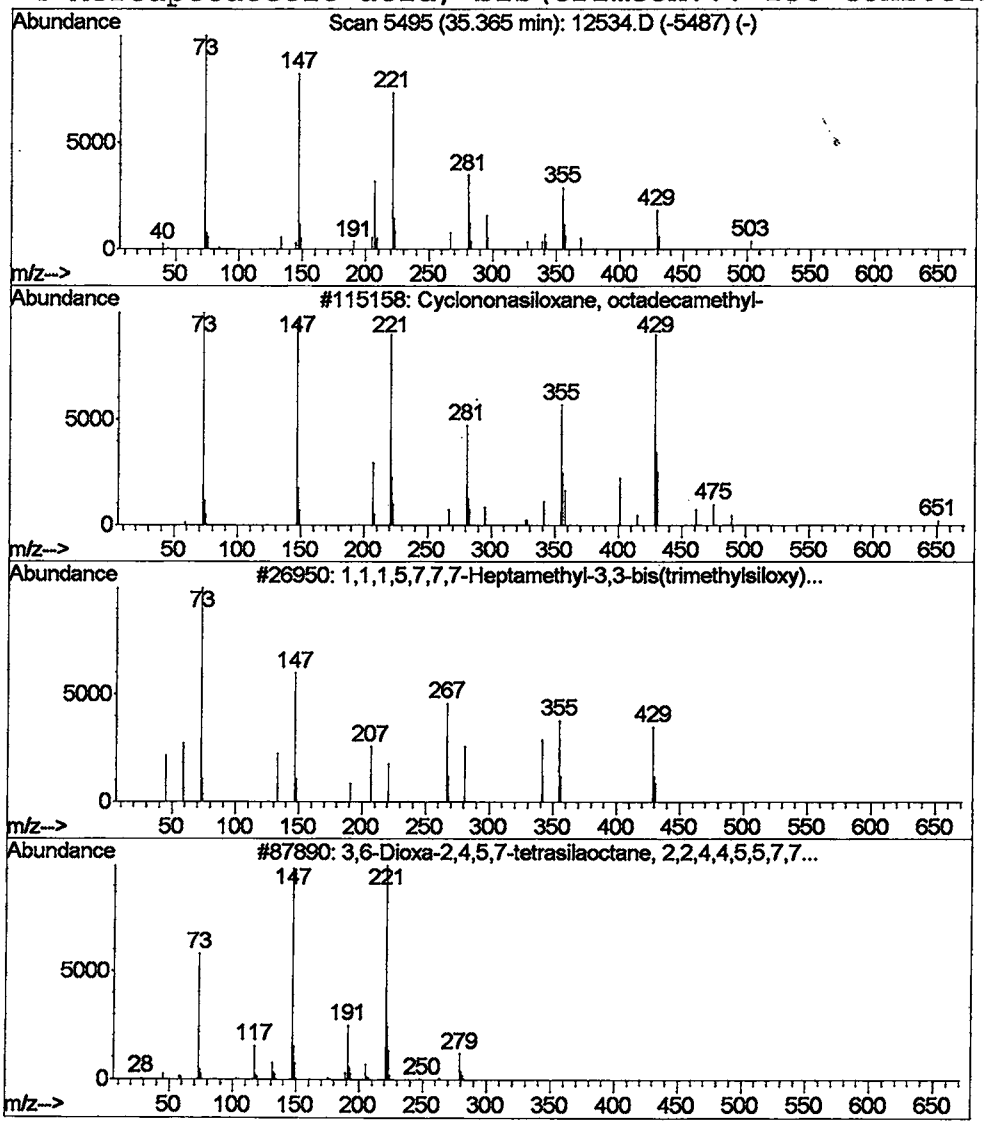
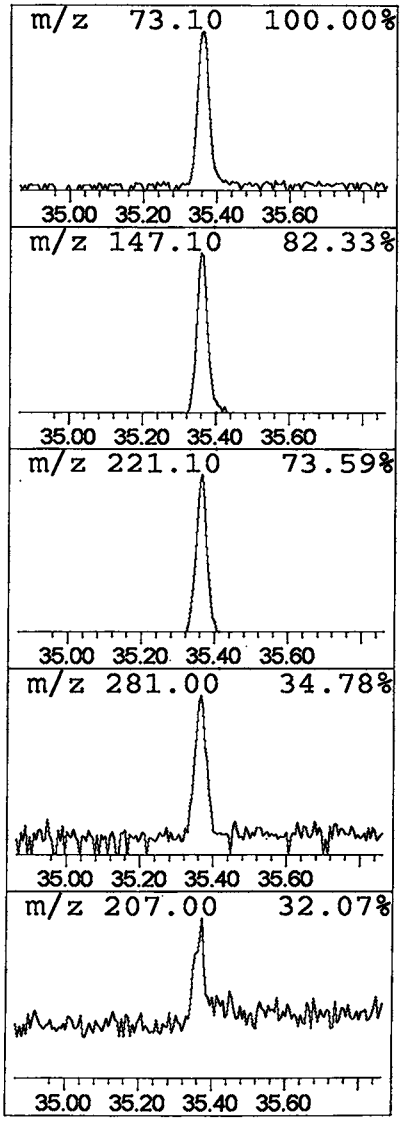
Peak Number 17 Cyclononasiloxane, octadeca... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.37	1.39 ug/L	614363	Perylene-d12	34.65

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	40
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	40
4	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	33





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\12534.D Vial: 25
Acq On : 30 May 2002 5:37 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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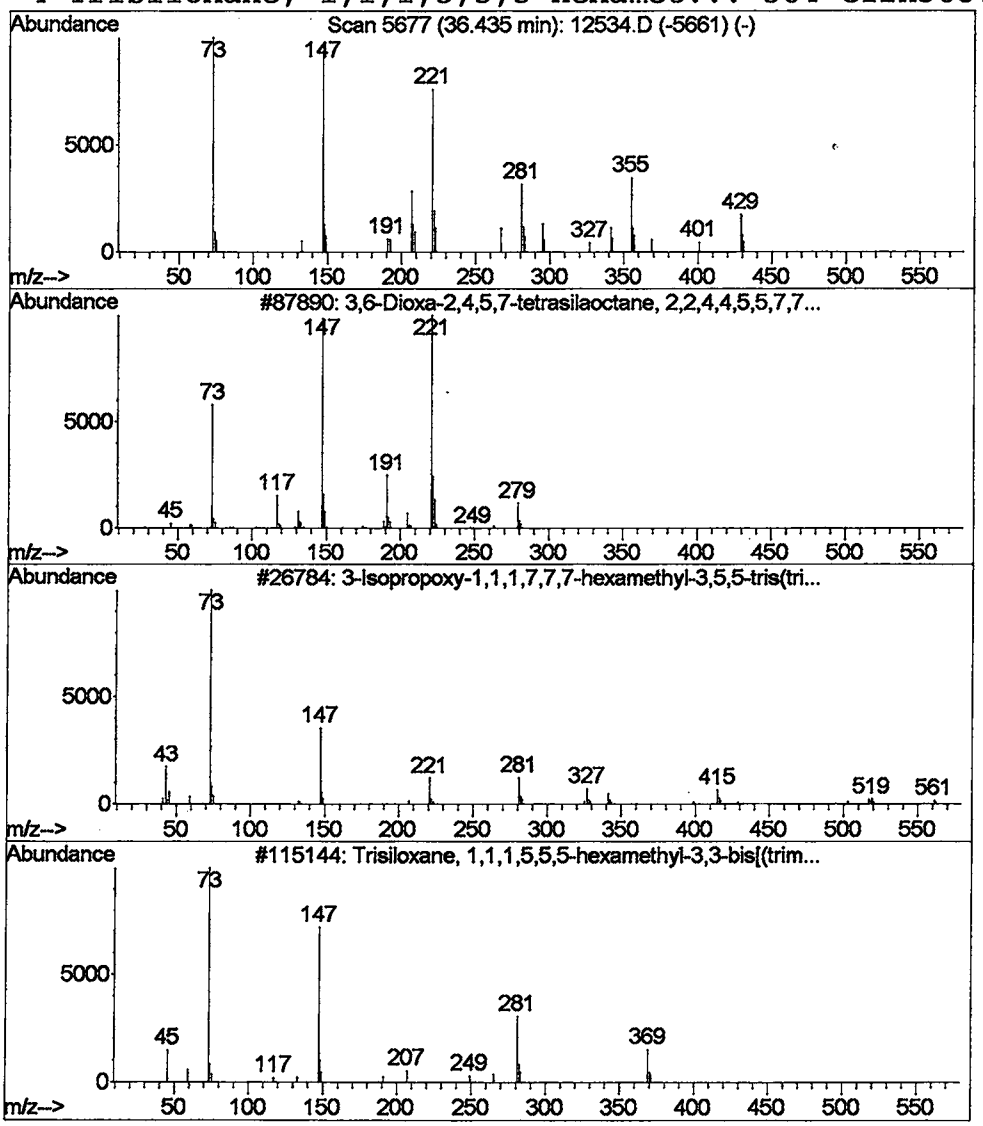
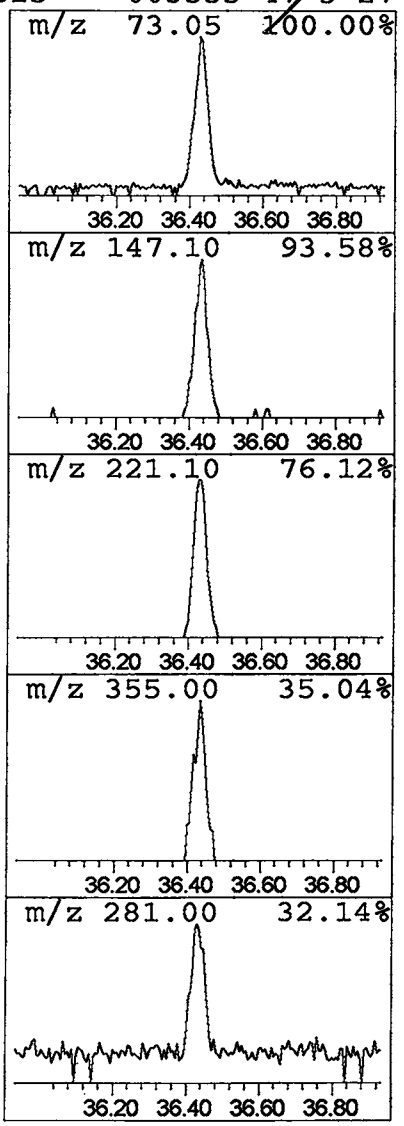
Peak Number 18 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.43	1.28 ug/L	564858	Perylene-d12	34.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	42
2	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	32
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	27
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	27





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\12534.D Vial: 25
Acq On : 30 May 2002 5:37 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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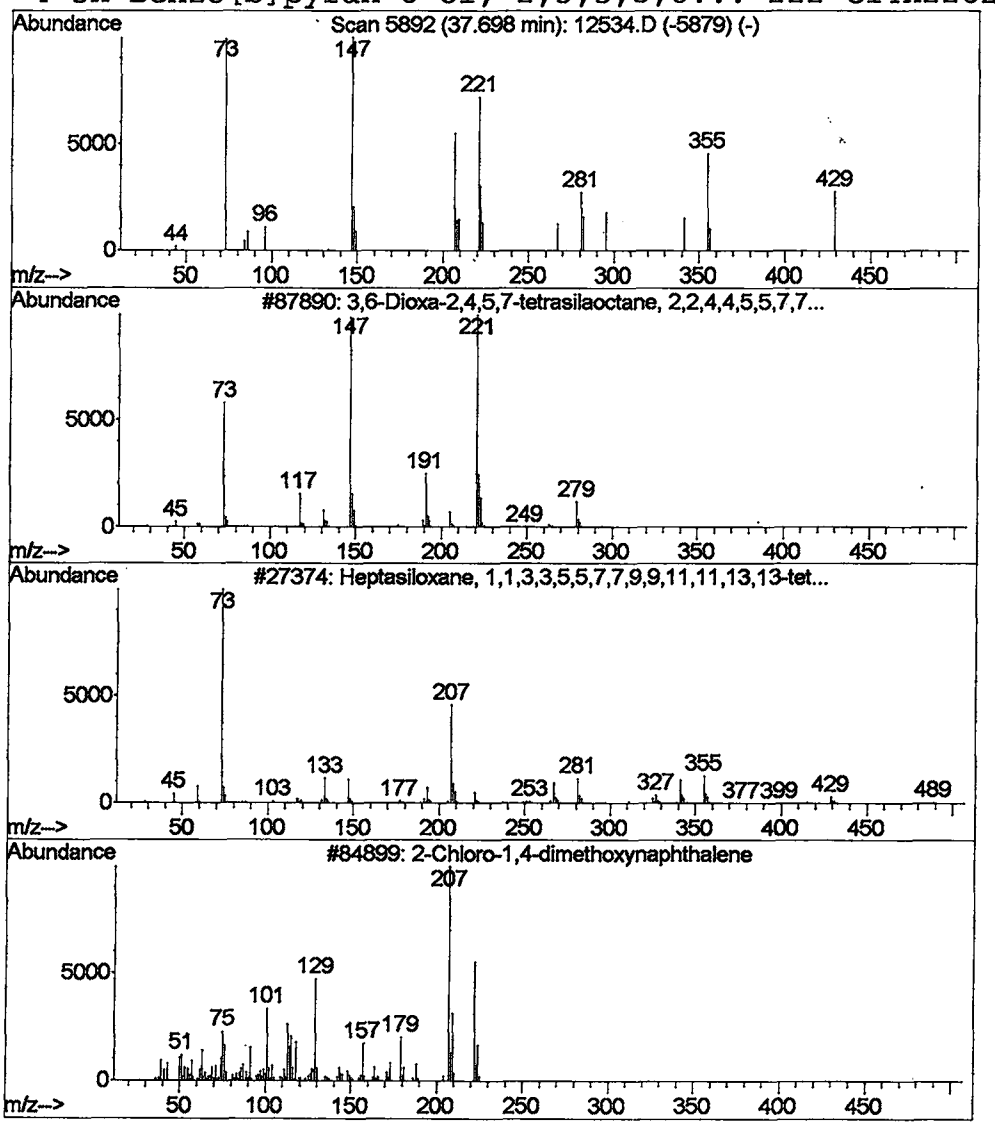
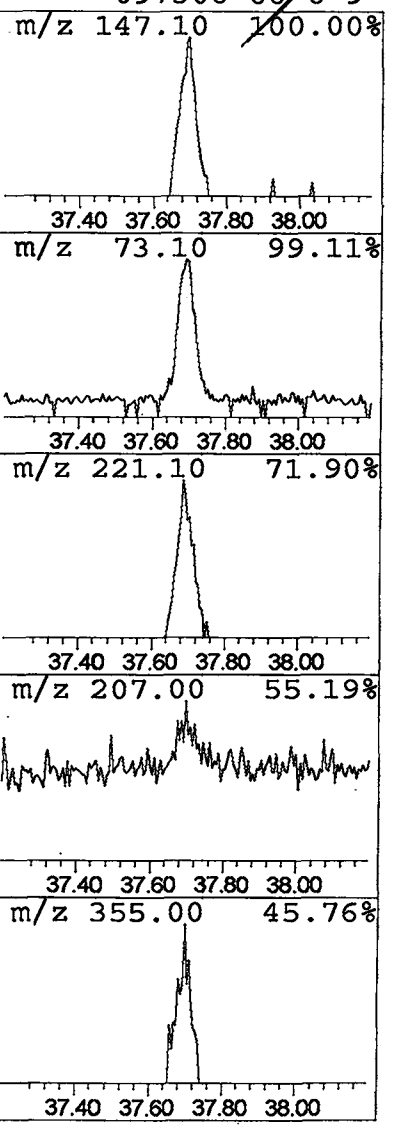
Peak Number 19 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.70	0.85 ug/L	378010	Perylene-d12	34.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	25
2	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	10
3	2-Chloro-1,4-dimethoxynaphthalene	222	C12H11ClO2	073661-21-9	9
4	5H-Benzo[b]pyran-8-ol, 2,3,5,5,8...	222	C14H22O2	097306-66-6	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\12534.D Vial: 25
Acq On : 30 May 2002 5:37 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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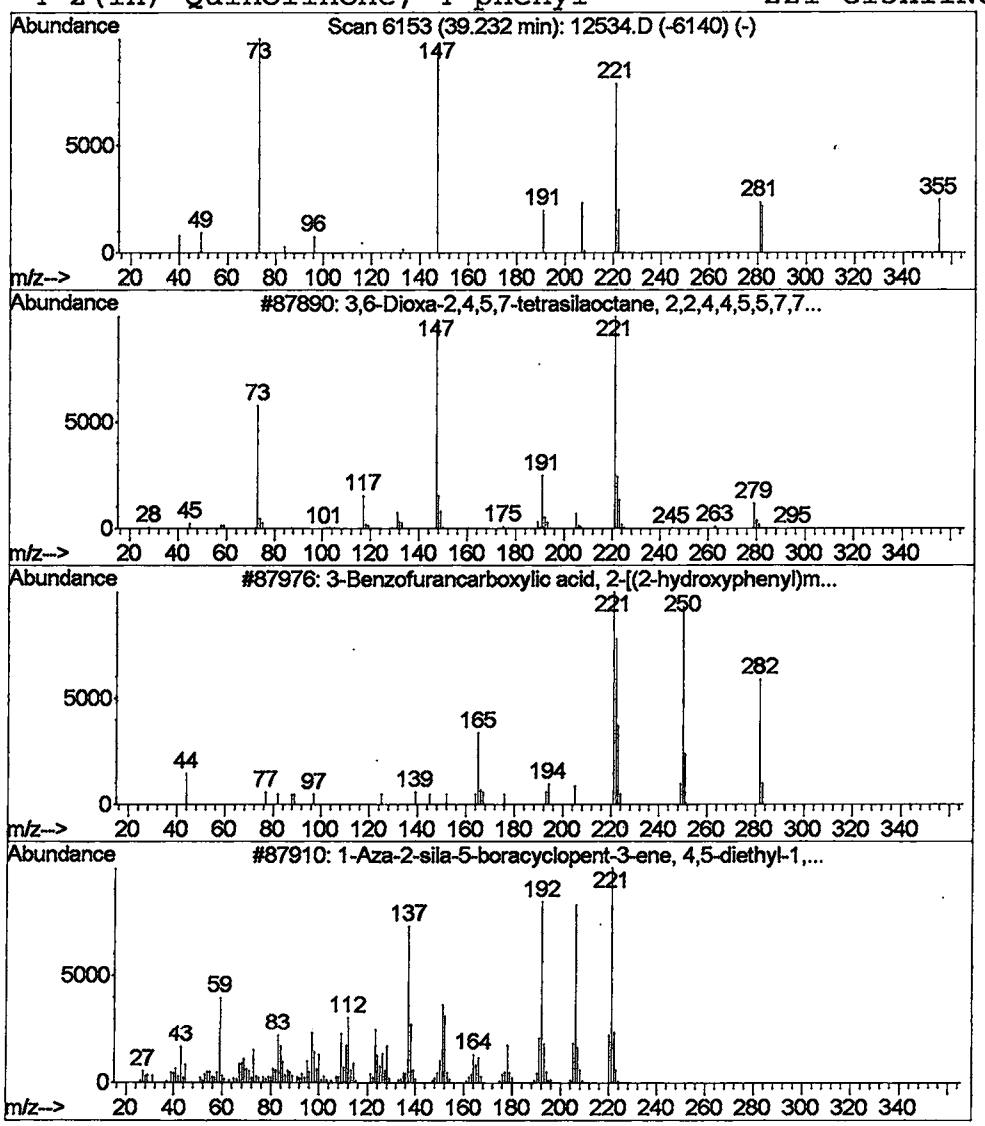
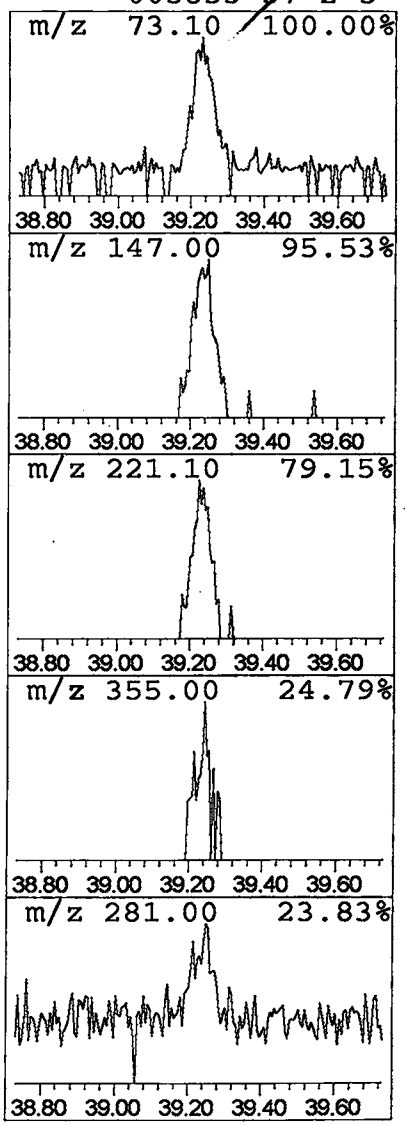
Peak Number 20 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.23	0.36 ug/L	157964	Perylene-d12	34.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	53
2	3-Benzofurancarboxylic acid, 2-[...	282	C17H14O4	040800-98-4	5
3	1-Aza-2-sila-5-boracyclopent-3-e...	221	C12H24BNSi	081620-70-4	5
4	2(1H)-Quinolinone, 4-phenyl-	221	C15H11NO	005855-57-2	5





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 30 May 2002 5:37 am
Data File: C:\MSDCHEM\1\DATA\052902\12534.D
Name: gc/ms scan 5/28
Misc:
Method: C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title: 508 Modified GC/MS scan
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Methylene Chloride	3.70	3.2	ug/L	2049400	1	9.90	25279300	40.0
Acetic acid, chlo...	3.73	3.6	ug/L	2305880	1	9.90	25279300	40.0
2-Amino-oxazole	3.82	6.3	ug/L	4005870	1	9.90	25279300	40.0
O-Methylhydroxyla...	3.95	1.1	ug/L	693842	1	9.90	25279300	40.0
Crotonic acid	3.98	1.7	ug/L	1075750	1	9.90	25279300	40.0
Propiolonitrile	4.02	1.5	ug/L	932035	1	9.90	25279300	40.0
Methylene Chloride	4.30	1.0	ug/L	617667	1	9.90	25279300	40.0
2-Chloroethanol	4.45	1.2	ug/L	758259	1	9.90	25279300	40.0
Propanoic acid, m...	4.53	1.1	ug/L	707758	1	9.90	25279300	40.0
2-Pentanone, 4-hy...	5.95	0.8	ug/L	532083	1	9.90	25279300	40.0
Cyclopentasiloxan...	12.37	2.5	ug/L	2159630	2	13.39	34327300	40.0
1,5-Naphthalenedi...	22.53	0.2	ug/L	238781	4	22.91	38497300	40.0
Phenanthrene-d10	23.06	0.3	ug/L	301464	4	22.91	38497300	40.0
Cyclononasiloxane...	33.19	0.7	ug/L	308728	6	34.65	17704700	40.0
Cyclononasiloxane...	34.31	1.2	ug/L	535753	6	34.65	17704700	40.0
Phenyl t-butyl te...	34.91	0.3	ug/L	149443	6	34.65	17704700	40.0
Cyclononasiloxane...	35.37	1.4	ug/L	614363	6	34.65	17704700	40.0
3,6-Dioxa-2,4,5,7...	36.43	1.3	ug/L	564858	6	34.65	17704700	40.0
3,6-Dioxa-2,4,5,7...	37.70	0.9	ug/L	378010	6	34.65	17704700	40.0
3,6-Dioxa-2,4,5,7...	39.23	0.4	ug/L	157964	6	34.65	17704700	40.0