User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 15:19:09

Sample: AE11799
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/3/02 15:18 Ended: 6/3/02 15:18 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		10.0

Comments for Sample AE11799 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-03-2002 Time: 15:21:28

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\11799.D Vial: 6
Acq On : 22 May 2002 5:54 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 08:41:18 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	5368112	40.00	ug/L	-0.03
10) Napthalene-d8	13.40	136	20939242	40.00	ug/L	-0.04
17) Acenapthalene-d10	18.53	164	11568479	40.00	ug/L	-0.03
29) Phenanthranene-d10	22.92	188	17661073	40.00	ug/L	-0.04
37) Chrysene-d12	30.76	240	11459887	40.00	ug/L	-0.05
43) Perylene-d12	34.66	264	6103197	40.00	ug/L	-0.05
System Monitoring Compounds						
27) TCMX	20.51	209	2488938	35.44	ug/L	-0.03
Spiked Amount 40.000			Recovery = 88.60%			
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	42949	N.D.		
30) Nnitrosodiphenylamine	20.51	169	46070	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	0.00	149	0	N.D.		

(#) = qualifier out of range (m) = manual integration
11799.D 052202.M Tue May 28 12:02:33 2002 Page 1

Quantitation Report (QT Reviewed)

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Acq On : 22 May 2002 5:54 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 08:41:18 2002 Quant Results File: 050102.RES

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

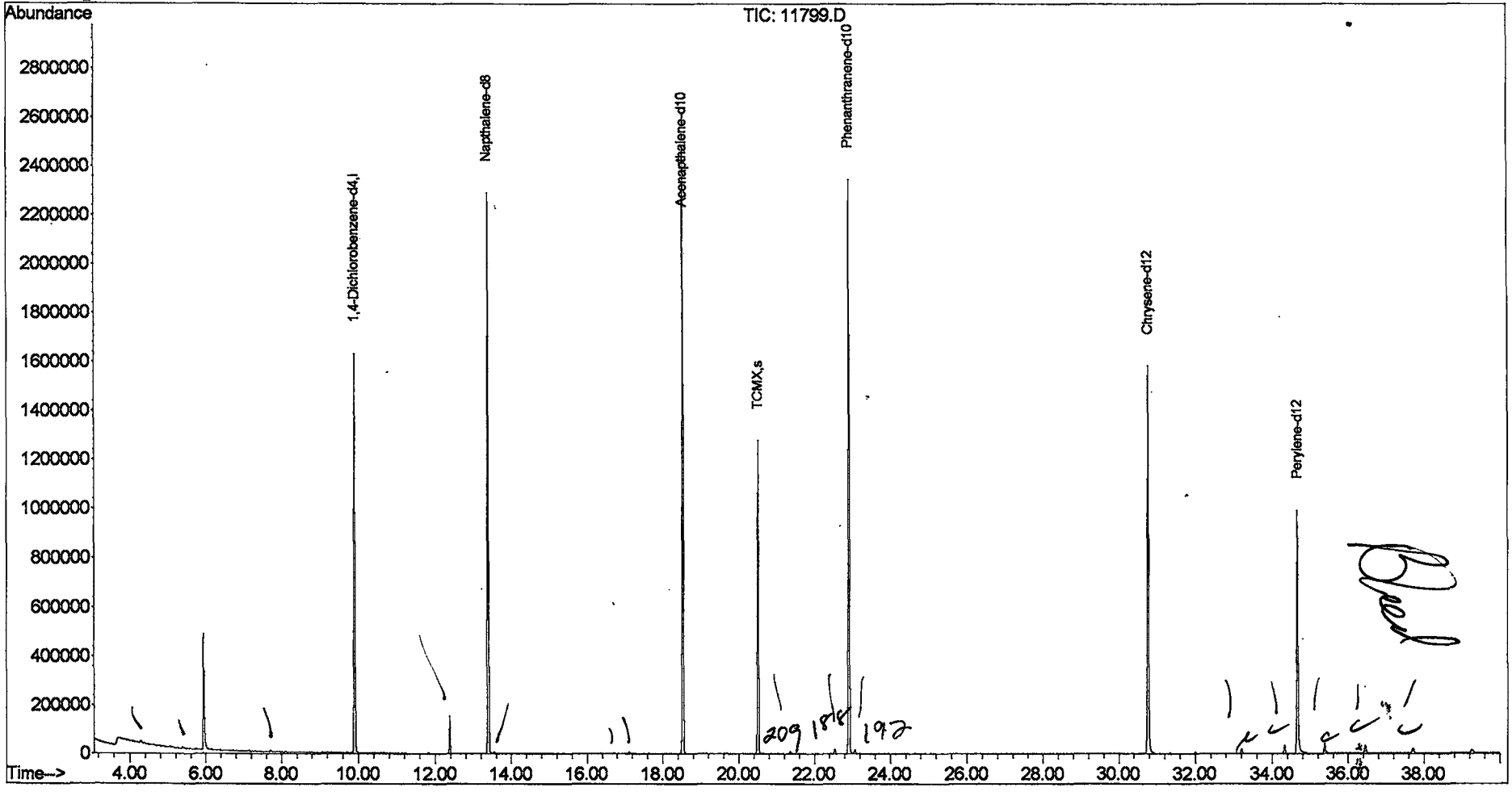
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	0.00	202	0	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	30.77	228	30432	N.D.	
41)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
42)	Chrysene	0.00	228	0	N.D.	
44)	Di-n-octylphthalate	0.00	149	0	N.D.	
45)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
46)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(a)pyrene	0.00	252	0	N.D.	
48)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
49)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
50)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052202\11799.D Vial: 6
Acq On : 22 May 2002 5:54 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 8:41 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\11799.D Vial: 6
Acq On : 22 May 2002 5:54 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

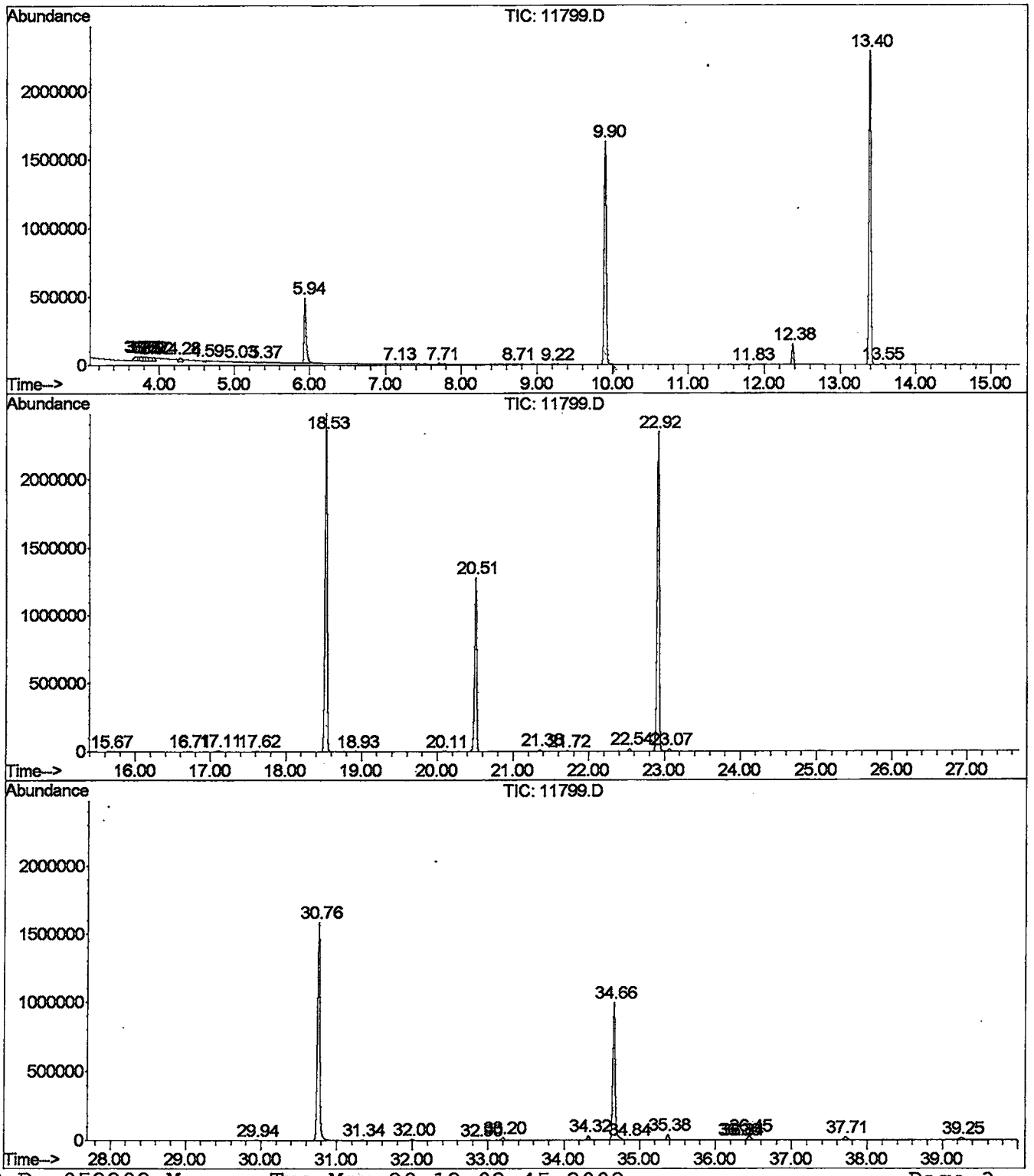
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.702	94	106	108	PV 3	29325	831340	1.74%	0.302%
2	3.725	108	110	112	VV	29869	437982	0.92%	0.159%
3	3.749	112	114	119	VV 3	30292	745696	1.56%	0.271%
4	3.796	119	122	125	VV 5	28589	573195	1.20%	0.208%
5	3.825	125	127	133	VV 6	26969	663811	1.39%	0.241%
6	3.866	133	134	141	VV 5	25486	708196	1.48%	0.257%
7	3.919	141	143	149	VV 5	23514	593612	1.24%	0.216%
8	4.284	199	205	211	VV 2	23987	789911	1.65%	0.287%
9	4.589	255	257	263	VV 5	8917	219755	0.46%	0.080%
10	5.036	323	333	342	VV 5	5671	268146	0.56%	0.097%
11	5.371	386	390	402	VV 8	3939	151750	0.32%	0.055%
12	5.941	481	487	519	PV	470037	9143999	19.15%	3.323%
13	7.133	681	690	699	VV 9	3644	78439	0.16%	0.029%
14	7.709	780	788	804	PV 5	5669	175875	0.37%	0.064%
15	8.708	955	958	960	PV 3	1649	15631	0.03%	0.006%
16	9.219	1040	1045	1052	PV 5	2210	38753	0.08%	0.014%
17	9.901	1152	1161	1177	PV	1605747	31945989	66.92%	11.608%
18	11.834	1478	1490	1495	VV 5	1714	36269	0.08%	0.013%
19	12.374	1575	1582	1591	PV	148583	2232876	4.68%	0.811%
20	13.397	1746	1756	1774	PV	2290837	42637205	89.32%	15.493%
21	13.549	1774	1782	1790	VV 2	6492	121592	0.25%	0.044%
22	15.665	2133	2142	2155	VV 3	1954	50155	0.11%	0.018%
23	16.710	2315	2320	2332	PV 3	3446	66171	0.14%	0.024%
24	17.110	2374	2388	2397	VV 3	7929	129340	0.27%	0.047%
25	17.621	2469	2475	2487	PV 5	3512	69697	0.15%	0.025%
26	18.532	2618	2630	2647	VV	2458335	47106552	98.68%	17.117%
27	18.931	2691	2698	2701	PV 3	1296	21248	0.04%	0.008%
28	20.107	2887	2898	2904	VV 4	2030	48215	0.10%	0.018%
29	20.512	2954	2967	2975	VV	1264141	24449003	51.22%	8.884%
30	21.358	3105	3111	3118	VV 2	10400	177171	0.37%	0.064%
31	21.716	3163	3172	3187	VV 4	2546	58764	0.12%	0.021%
32	22.539	3304	3312	3321	VV 2	18514	343483	0.72%	0.125%
33	22.915	3364	3376	3395	PV 2	2315652	47736982	100.00%	17.346%
34	23.068	3395	3402	3419	VV	16054	313681	0.66%	0.114%
35	29.942	4565	4572	4580	PV 3	2052	45881	0.10%	0.017%
36	30.765	4697	4712	4747	PV 2	1589640	35283400	73.91%	12.821%
37	31.341	4804	4810	4818	PV 4	3412	61474	0.13%	0.022%

38	31.999	4916	4922	4929	PV	3	7432	132357	0.28%	0.048%
39	32.898	5061	5075	5078	VV	8	1777	84406	0.18%	0.031%
40	33.203	5115	5127	5136	PV	2	18640	399072	0.84%	0.145%
41	34.325	5309	5318	5329	PV	3	31558	660428	1.38%	0.240%
42	34.660	5363	5375	5404	VV	2	989663	22097761	46.29%	8.029%
43	34.843	5404	5406	5417	VV	9	3597	111178	0.23%	0.040%
44	35.377	5489	5497	5514	VV	2	39275	898311	1.88%	0.326%
45	36.300	5637	5654	5659	VV	7	3107	146470	0.31%	0.053%
46	36.335	5659	5660	5669	VV	4	3199	86457	0.18%	0.031%
47	36.452	5669	5680	5691	VV	3	31788	891459	1.87%	0.324%
48	37.716	5880	5895	5923	VV	4	20838	790018	1.65%	0.287%
49	39.255	6145	6157	6174	PV	6	13373	541184	1.13%	0.197%

Sum of corrected areas: 275210341

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052202\11799.D
Operator : Mclean
Acquired : 22 May 2002 5:54 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/21 ad
Misc Info :
Vial Number: 6
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11799.D Vial: 6
Acq On : 22 May 2002 5:54 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

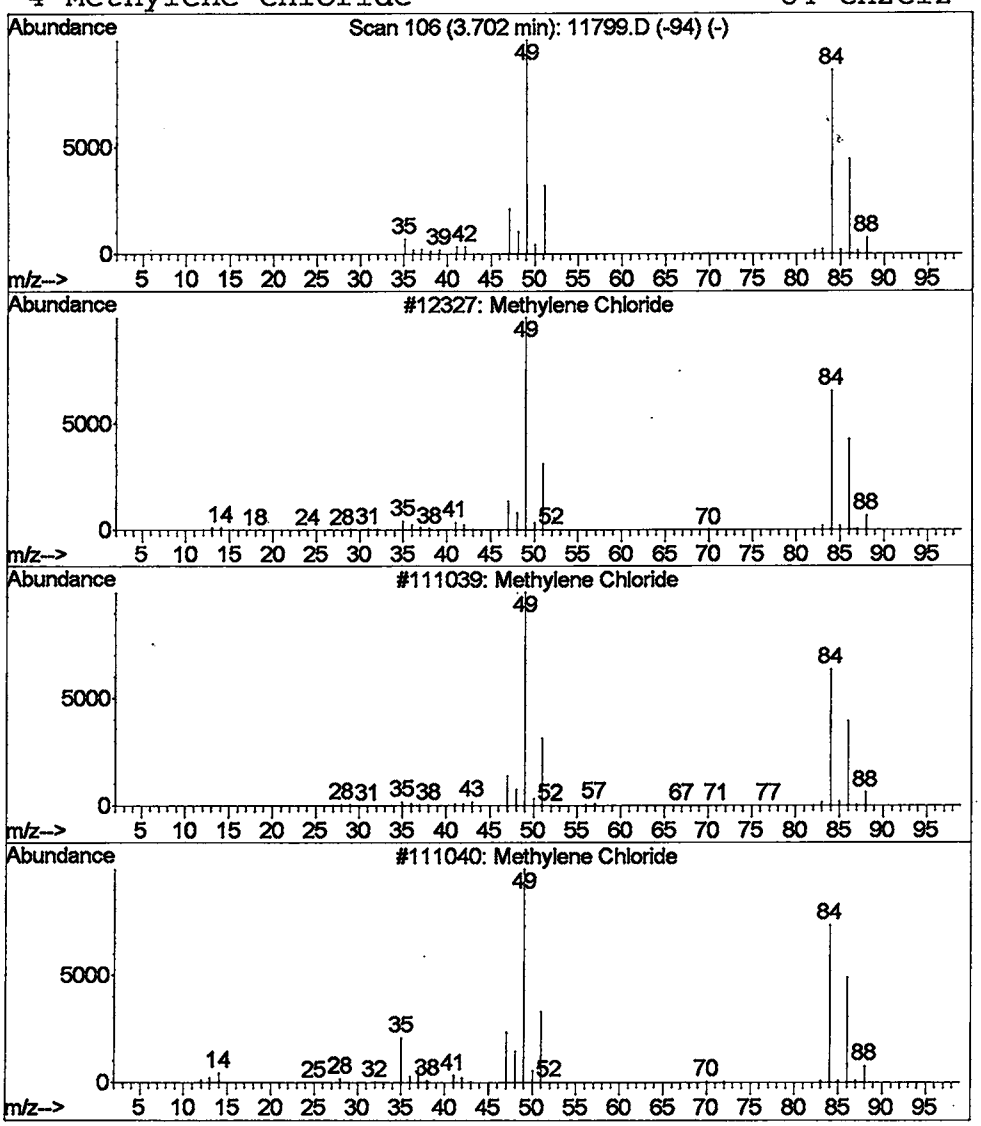
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

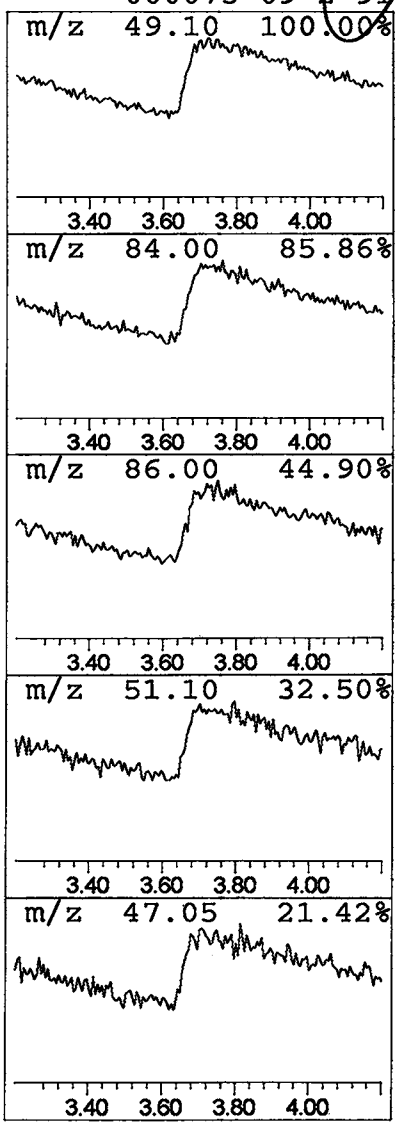
****

Peak Number 1 Methylene Chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	1.04 ug/L	831340	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	97
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	91





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11799.D Vial: 6
Acq On : 22 May 2002 5:54 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

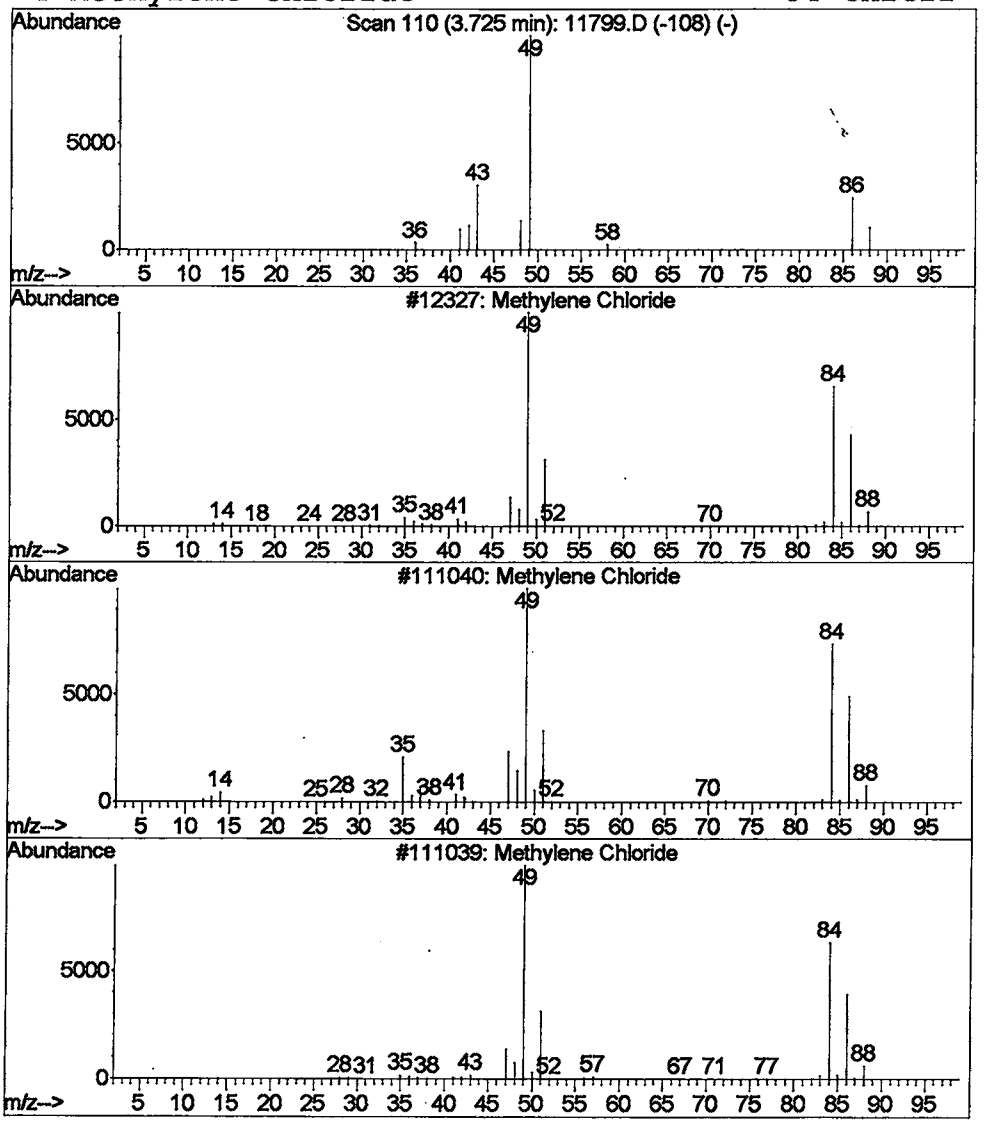
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

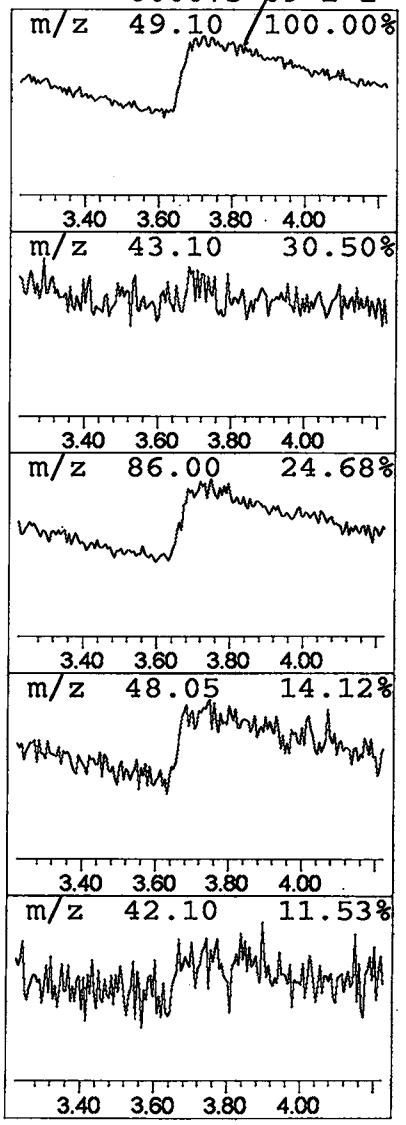
****

Peak Number 2 Methylene Chloride Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	0.55 ug/L	437982	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	9
2	Methylene Chloride	84	CH2Cl2	000075-09-2	4
3	Methylene Chloride	84	CH2Cl2	000075-09-2	4
4	Methylene Chloride	84	CH2Cl2	000075-09-2	2





Library Search Compound Report

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Acq On : 22 May 2002 5:54 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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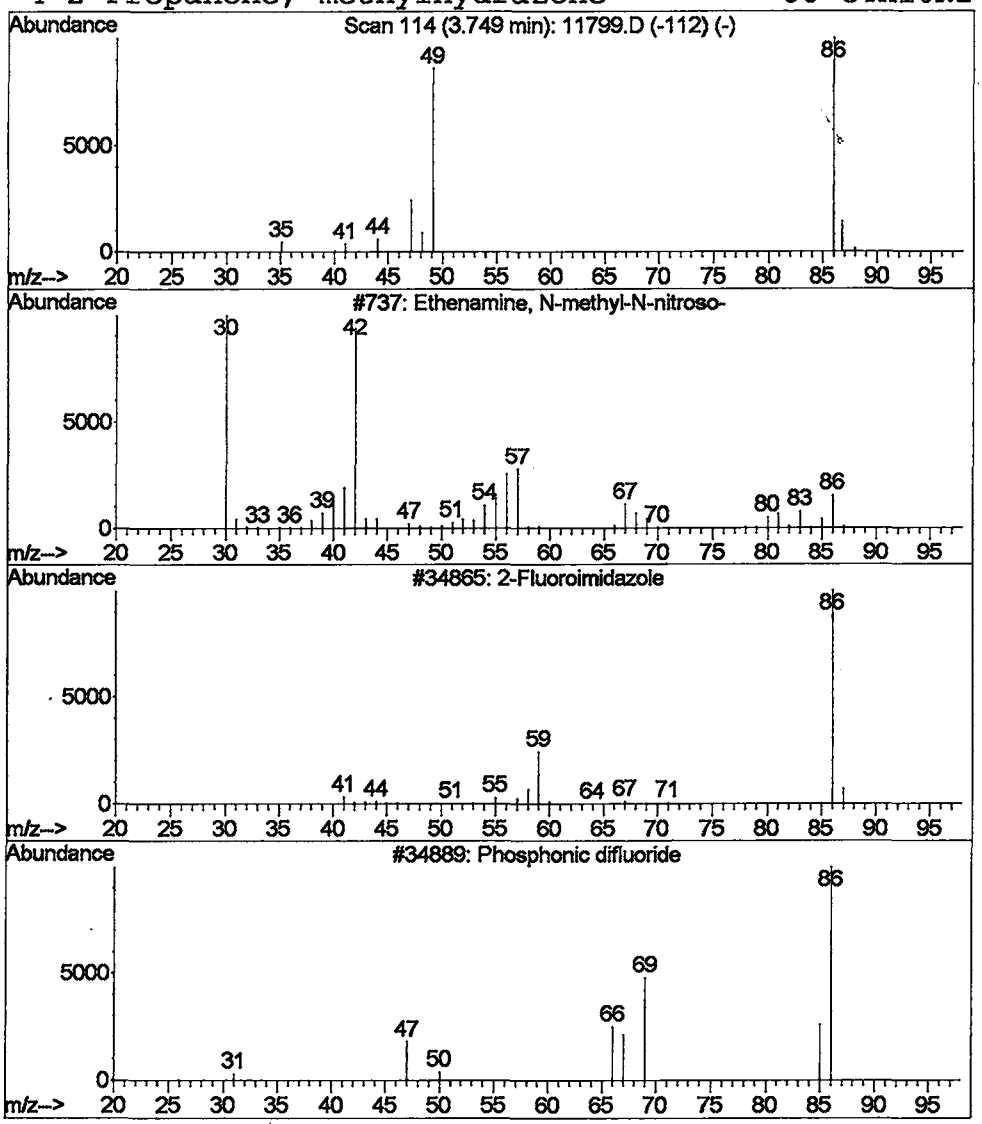
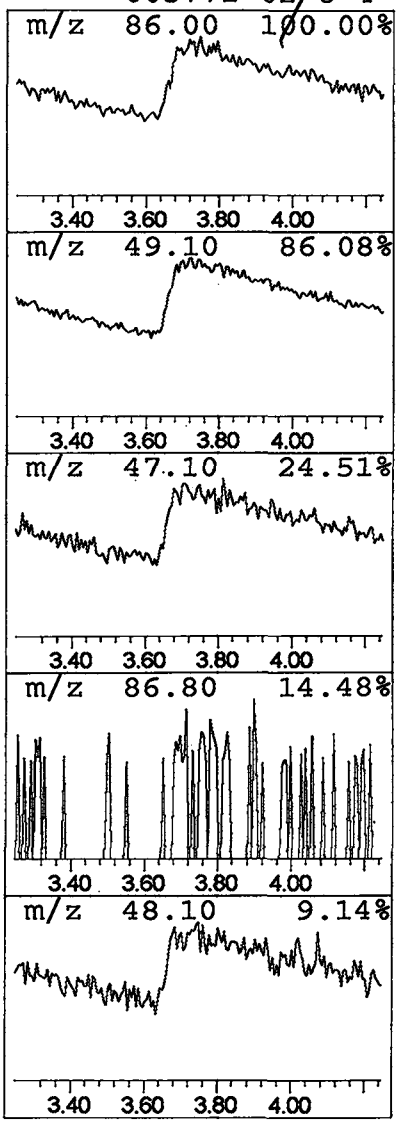
Peak Number 3 Ethenamine, N-methyl-N-nitr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	0.93 ug/L	745696	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethenamine, N-methyl-N-nitroso-	86	C3H6N2O	004549-40-0	9
2	2-Fluoroimidazole	86	C3H3FN2	1000129-59-1	5
3	Phosphonic difluoride	86	F2HOP	014939-34-5	5
4	2-Propanone, methylhydrazone	86	C4H10N2	005771-02-8	4





Library Search Compound Report

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Acq On : 22 May 2002 5:54 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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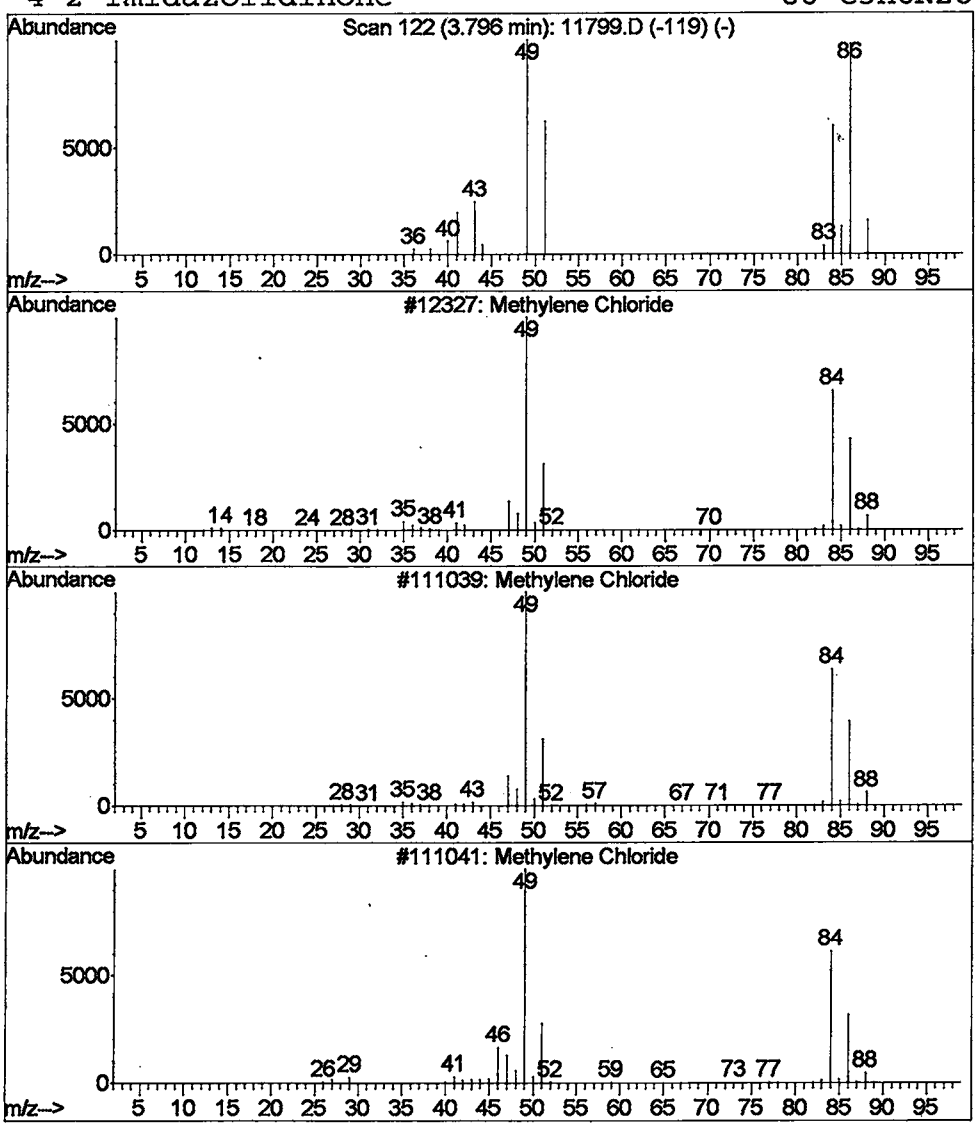
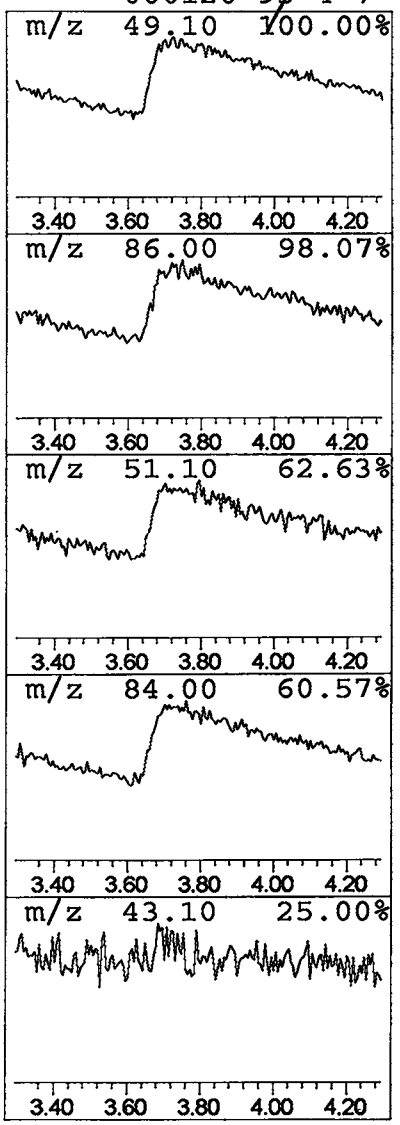
Peak Number 4 Methylene Chloride Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	0.72 ug/L	573195	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	86
2	Methylene Chloride	84	CH2Cl2	000075-09-2	9
3	Methylene Chloride	84	CH2Cl2	000075-09-2	7
4	2-Imidazolidinone	86	C3H6N2O	000120-93-4	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11799.D
Acq On : 22 May 2002 5:54 pm
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 6
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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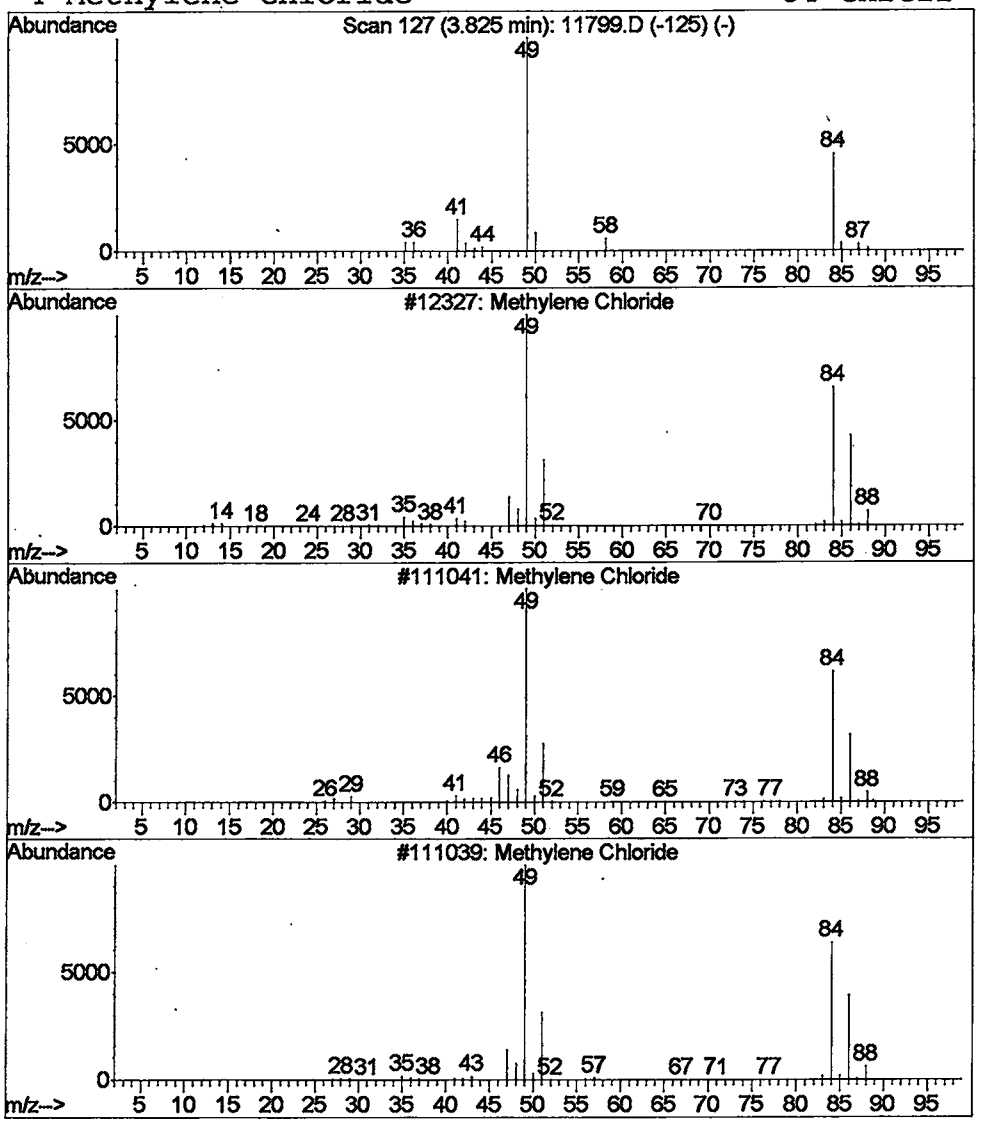
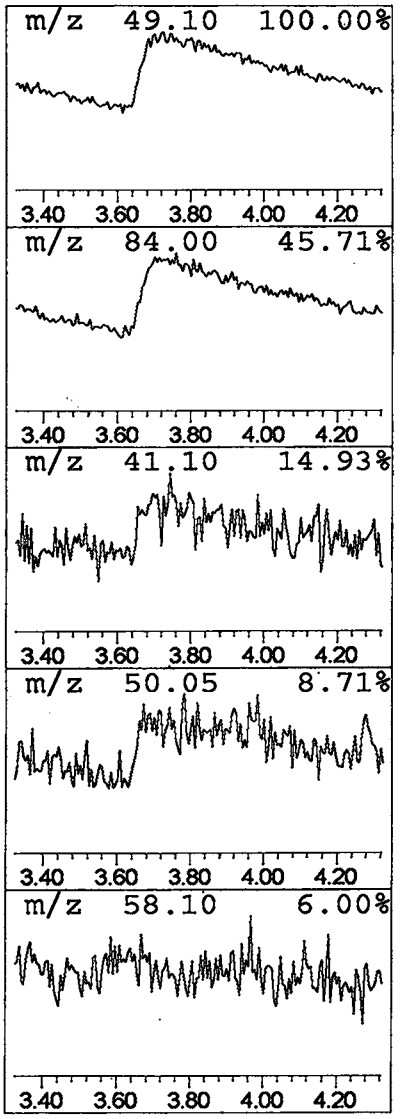
Peak Number 5 Methylene Chloride Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	0.83 ug/L	663811	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	83
2	Methylene Chloride	84	CH2Cl2	000075-09-2	9
3	Methylene Chloride	84	CH2Cl2	000075-09-2	7
4	Methylene Chloride	84	CH2Cl2	000075-09-2	2





Library Search Compound Report

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Acq On : 22 May 2002 5:54 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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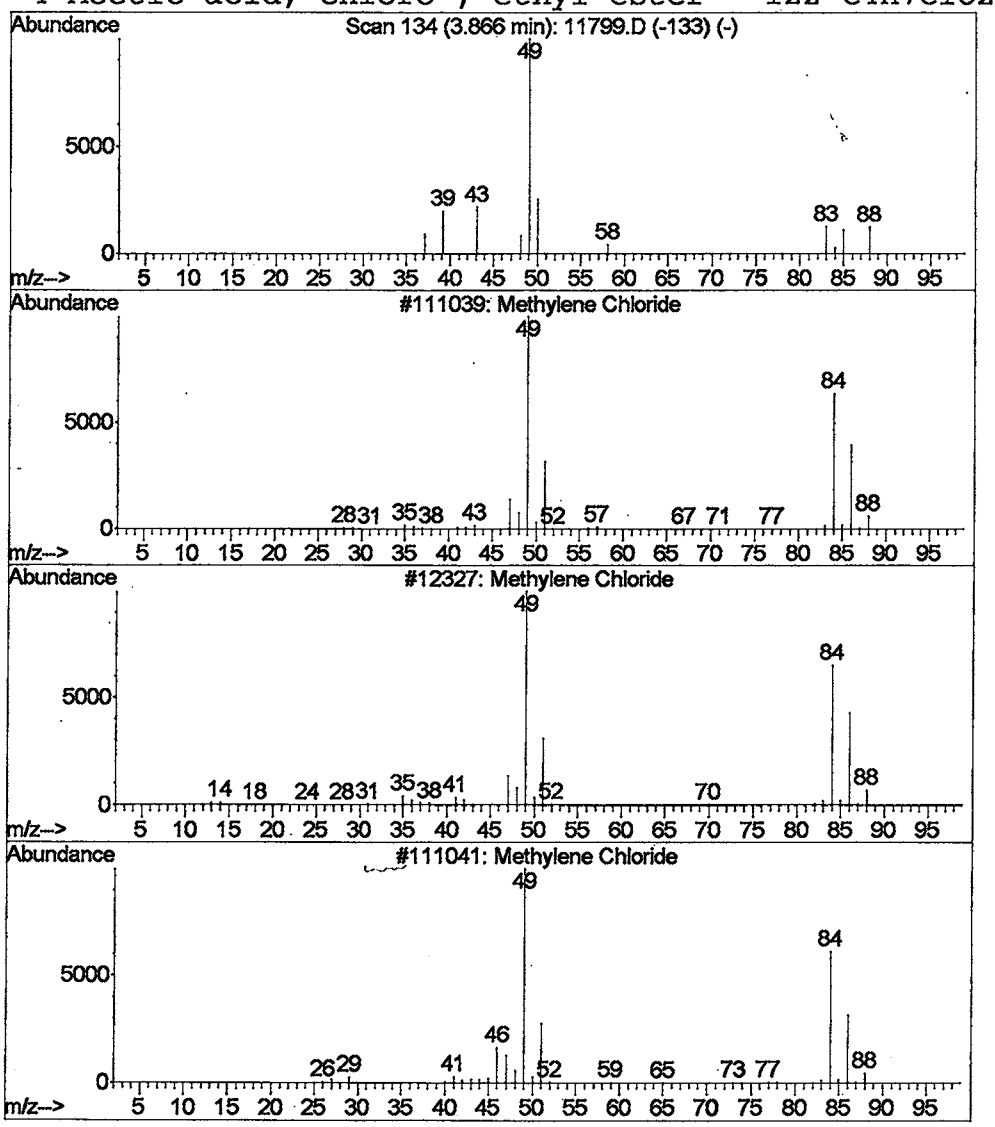
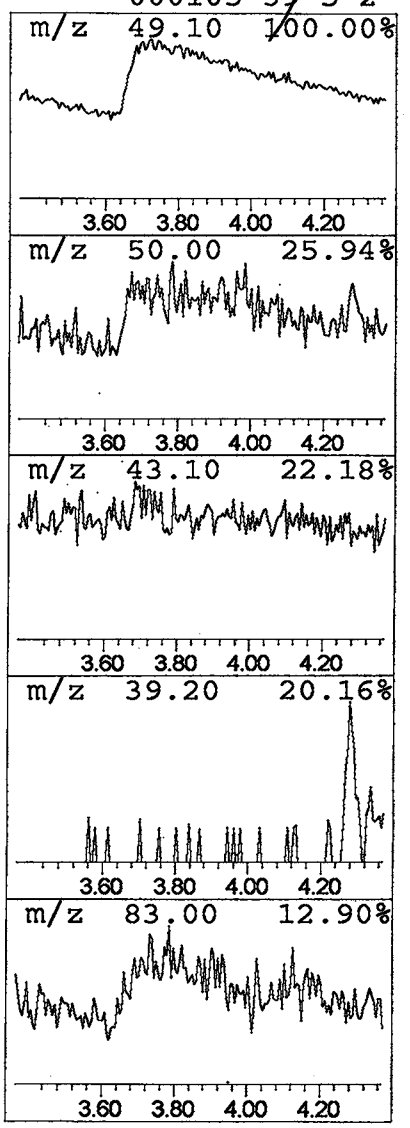
Peak Number 6 Methylene Chloride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.87	0.89 ug/L	708196	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	2
4	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11799.D Vial: 6
Acq On : 22 May 2002 5:54 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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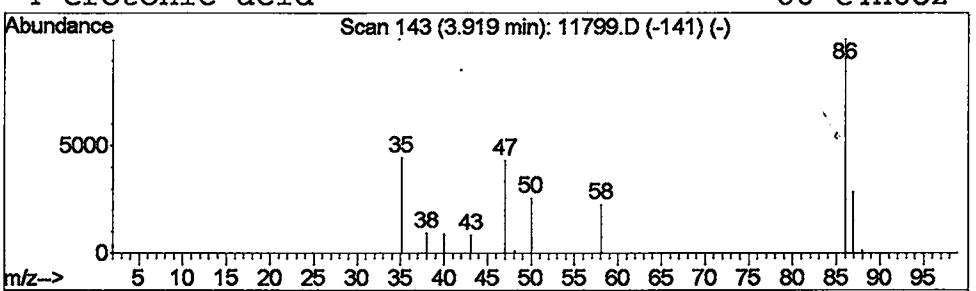
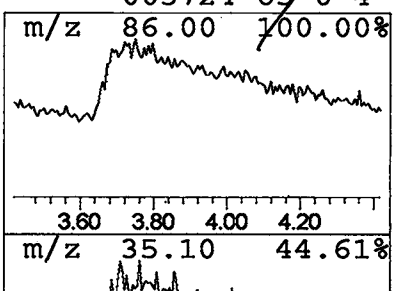
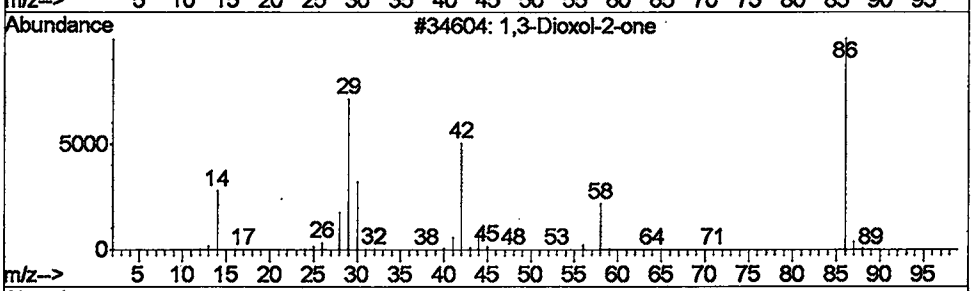
Peak Number 7 1,3-Dioxol-2-one Concentration Rank 13

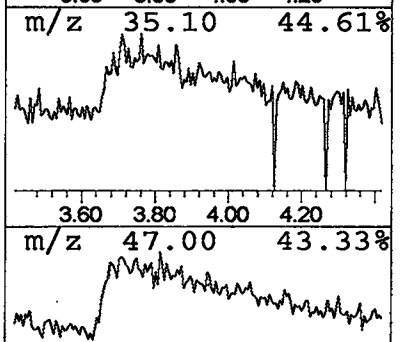
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	0.74 ug/L	593612	1,4-Dichlorobenzene-d4	9.90

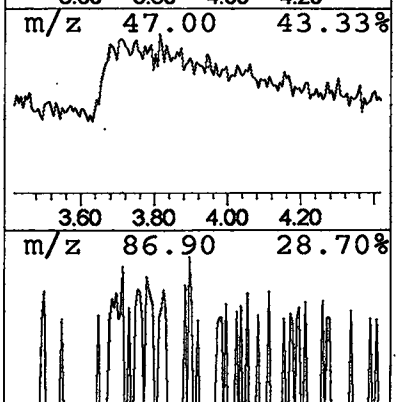
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxol-2-one	86	C3H2O3	000872-36-6	7
2	1,3-Dioxol-2-one	86	C3H2O3	000872-36-6	4
3	1,3-Dioxol-2-one	86	C3H2O3	000872-36-6	4
4	Crotonic acid	86	C4H6O2	003724-65-0	4

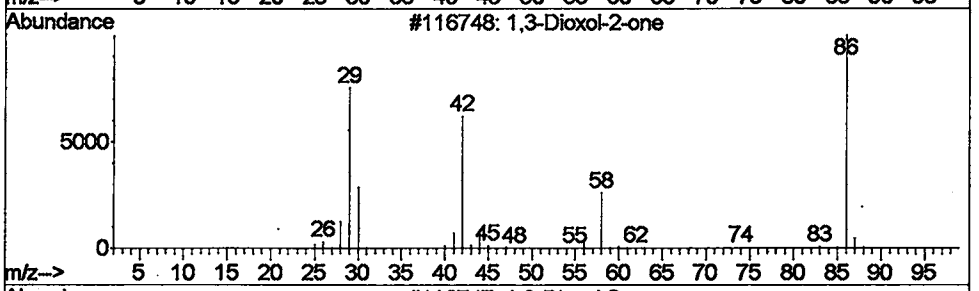


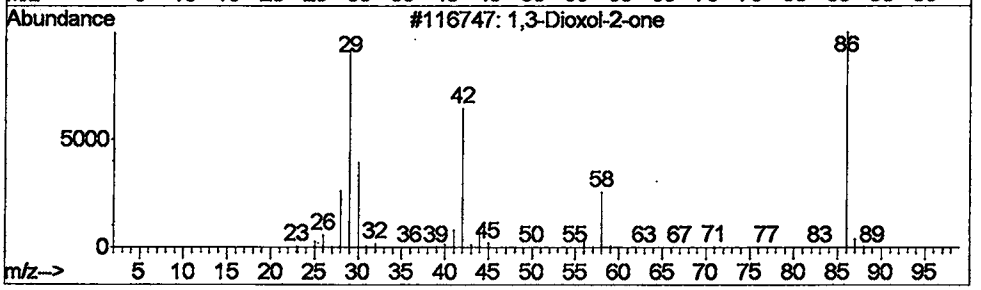












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Misc :
MS Integration Params: LSCINT.e

Vial: 6
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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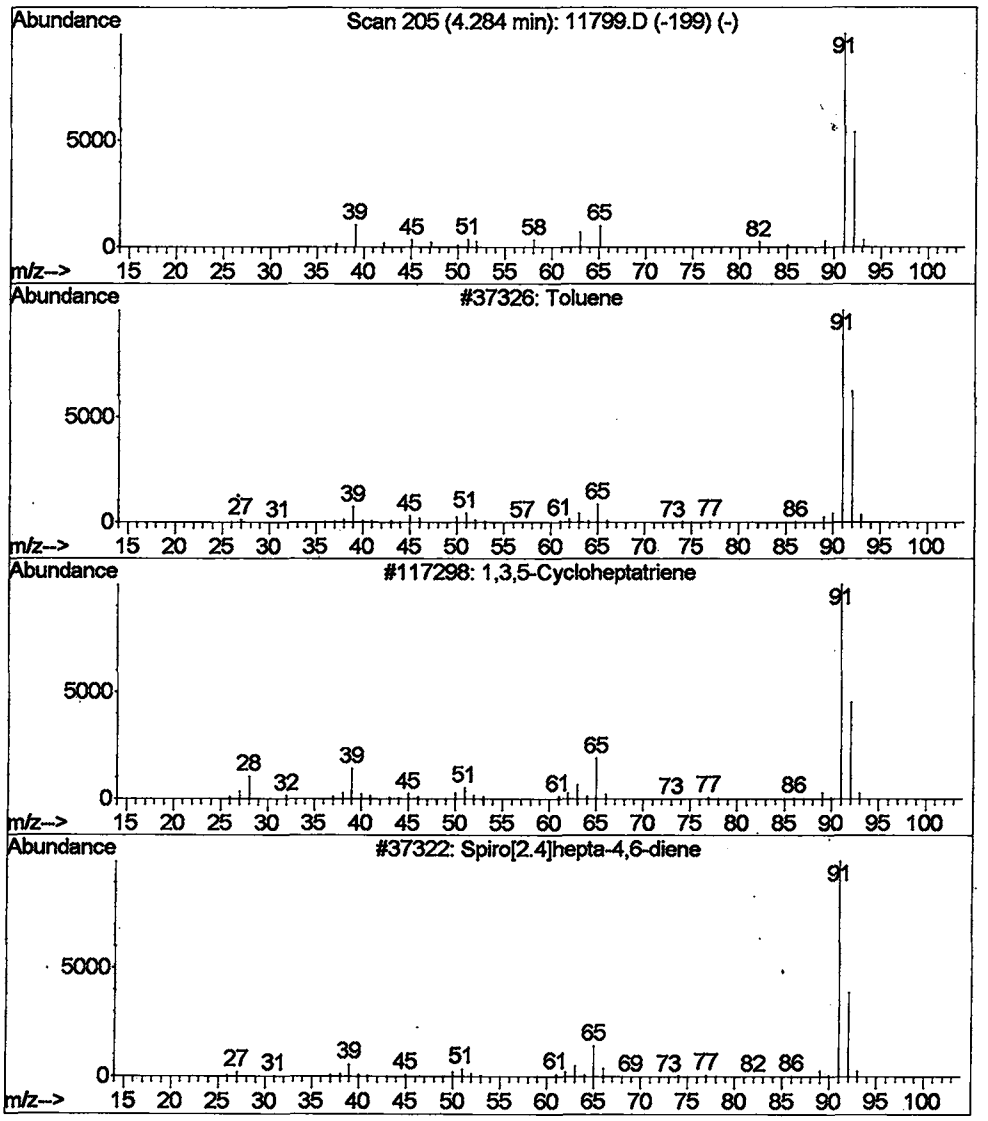
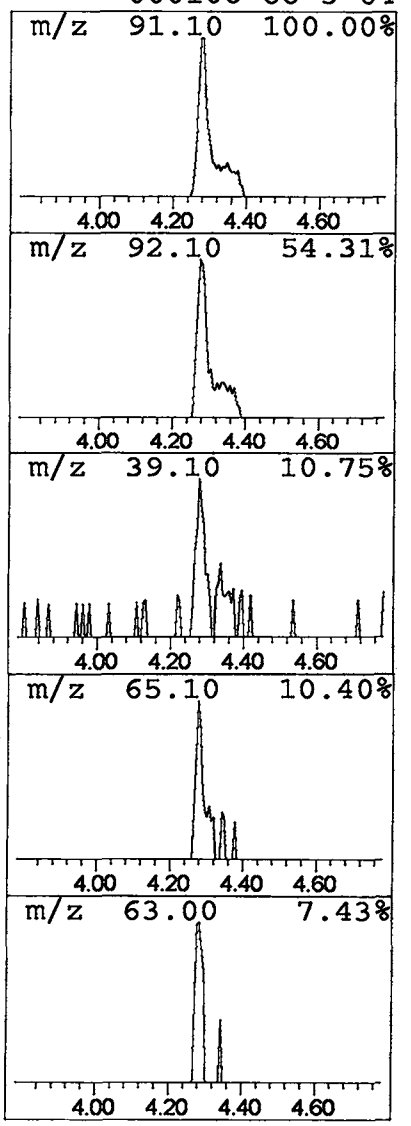
Peak Number 8 Toluene — Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	0.99 ug/L	789911	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	86
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	80
3	Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	72
4	Toluene	92	C7H8	000108-88-3	64





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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
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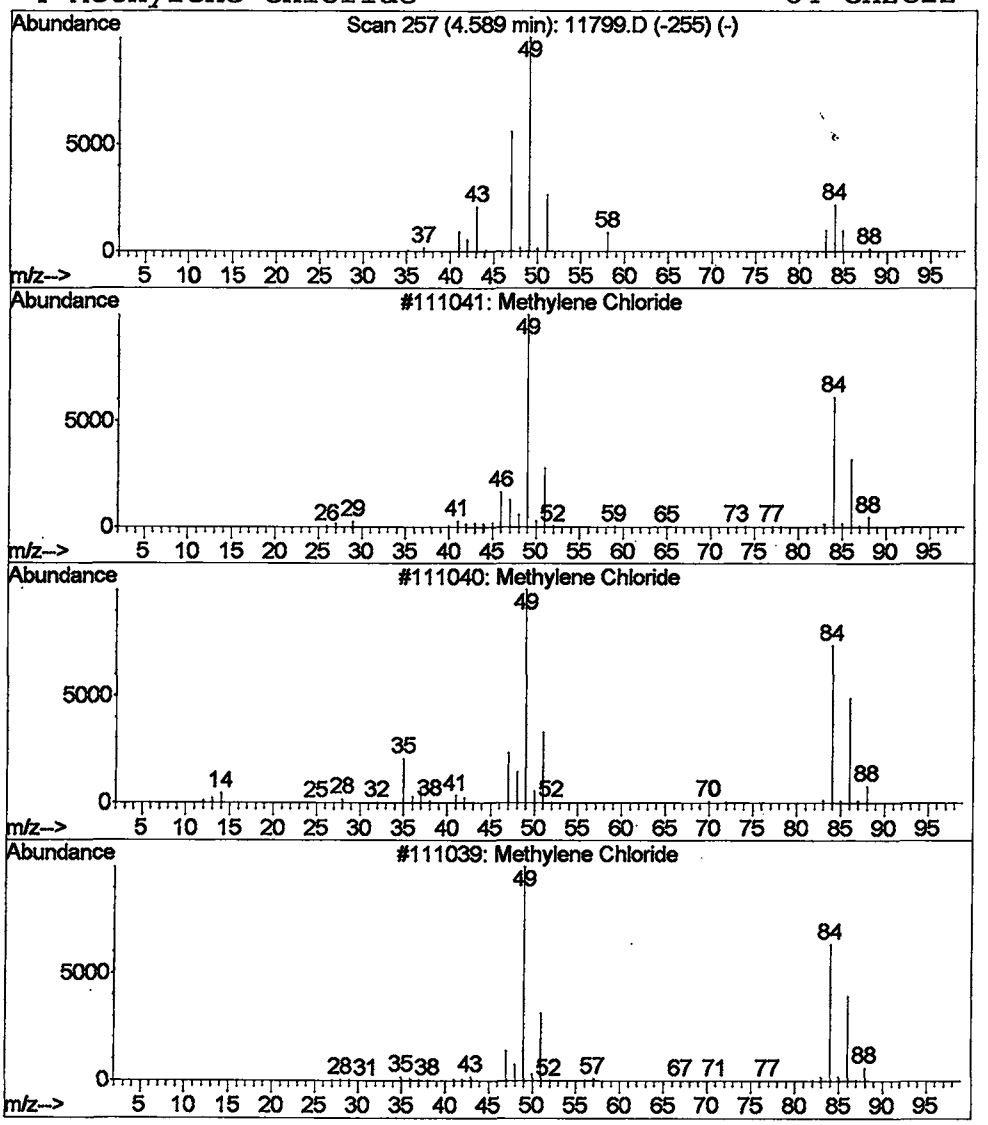
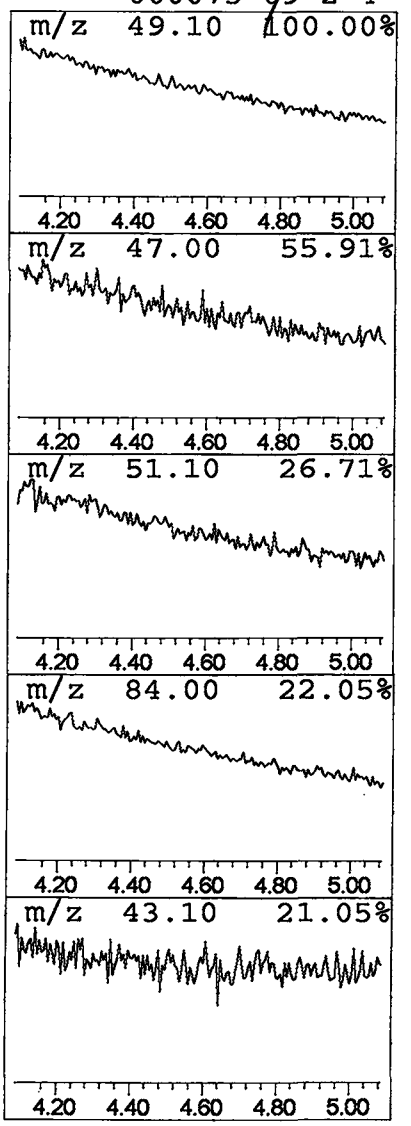
Peak Number 9 Methylene Chloride Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	0.28 ug/L	219755	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	9
2	Methylene Chloride	84	CH2Cl2	000075-09-2	4
3	Methylene Chloride	84	CH2Cl2	000075-09-2	4
4	Methylene Chloride	84	CH2Cl2	000075-09-2	4





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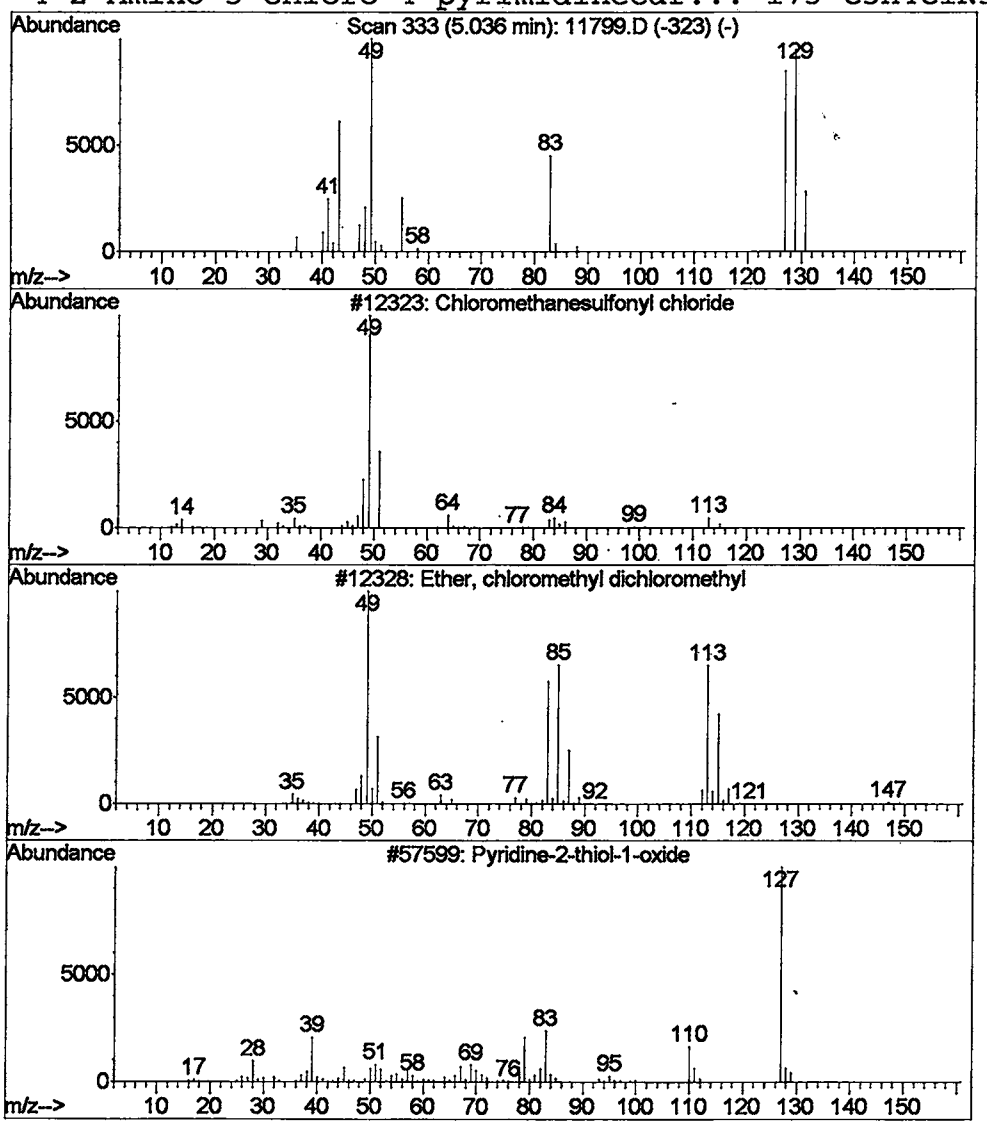
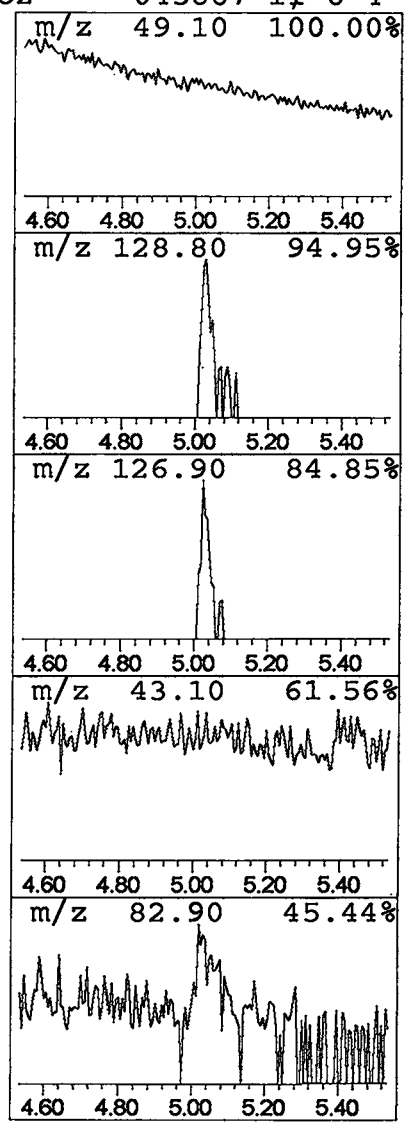
Peak Number 10 Chloromethanesulfonyl chloride Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	0.34 ug/L	268146	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloromethanesulfonyl chloride	148	CH2Cl2O2S	003518-65-8	28
2	Ether, chloromethyl dichloromethyl	148	C2H3Cl3O	002799-32-8	9
3	Pyridine-2-thiol-1-oxide	127	C5H5NOS	1000134-19-4	4
4	2-Amino-5-chloro-4-pyrimidinecar...	173	C5H4ClN3O2	045867-11-6	4





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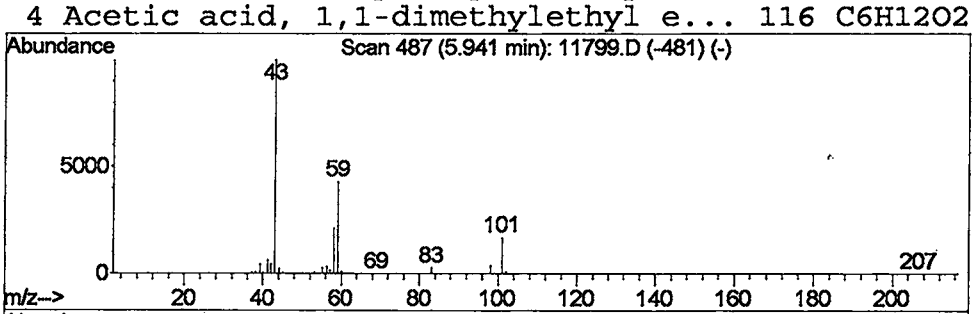
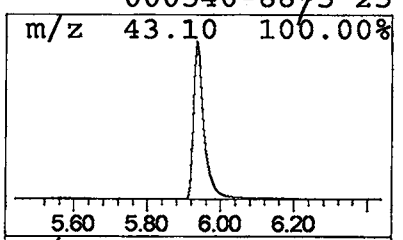
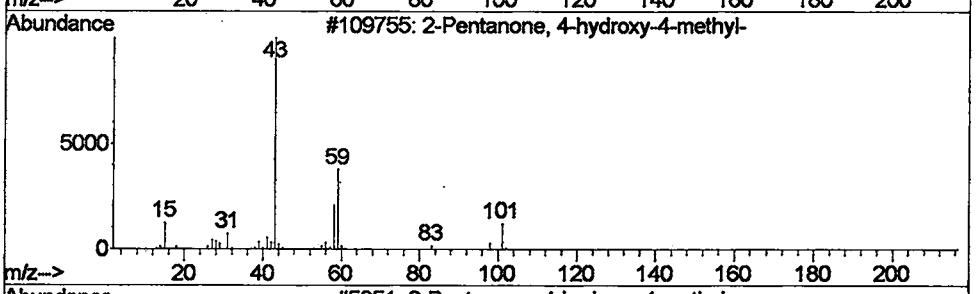
Peak Number 11 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

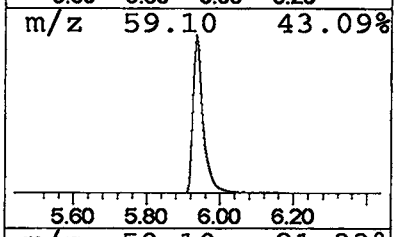
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	11.45 ug/L	9144000	1,4-Dichlorobenzene-d4	9.90

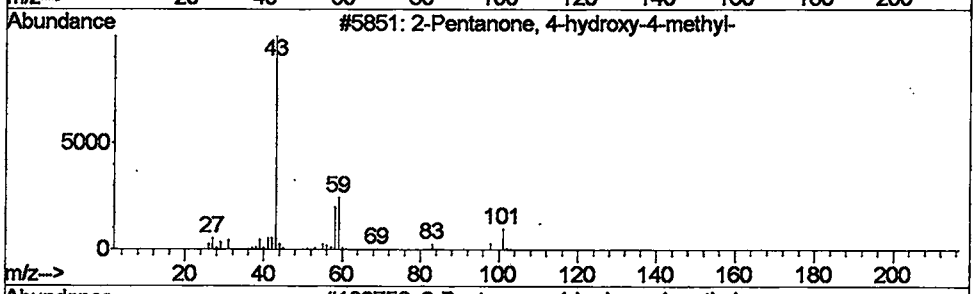
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25

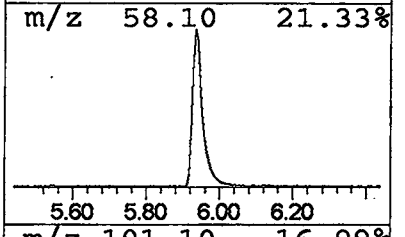


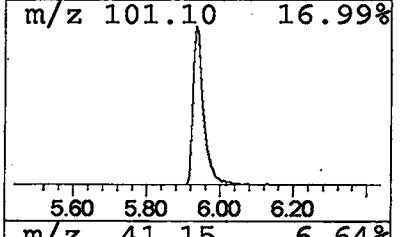


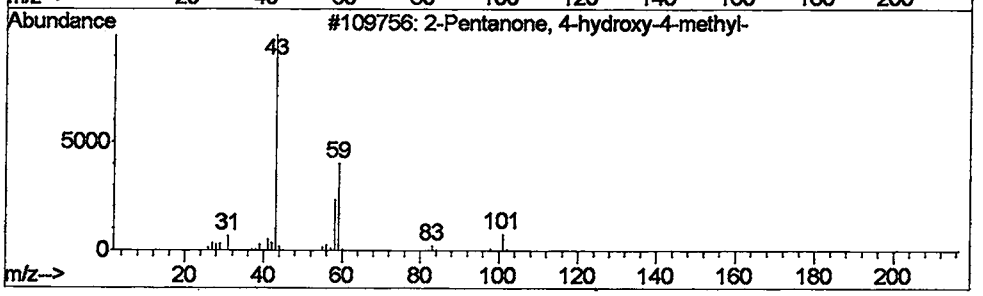


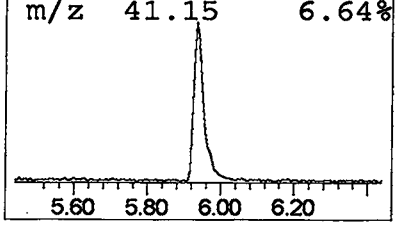












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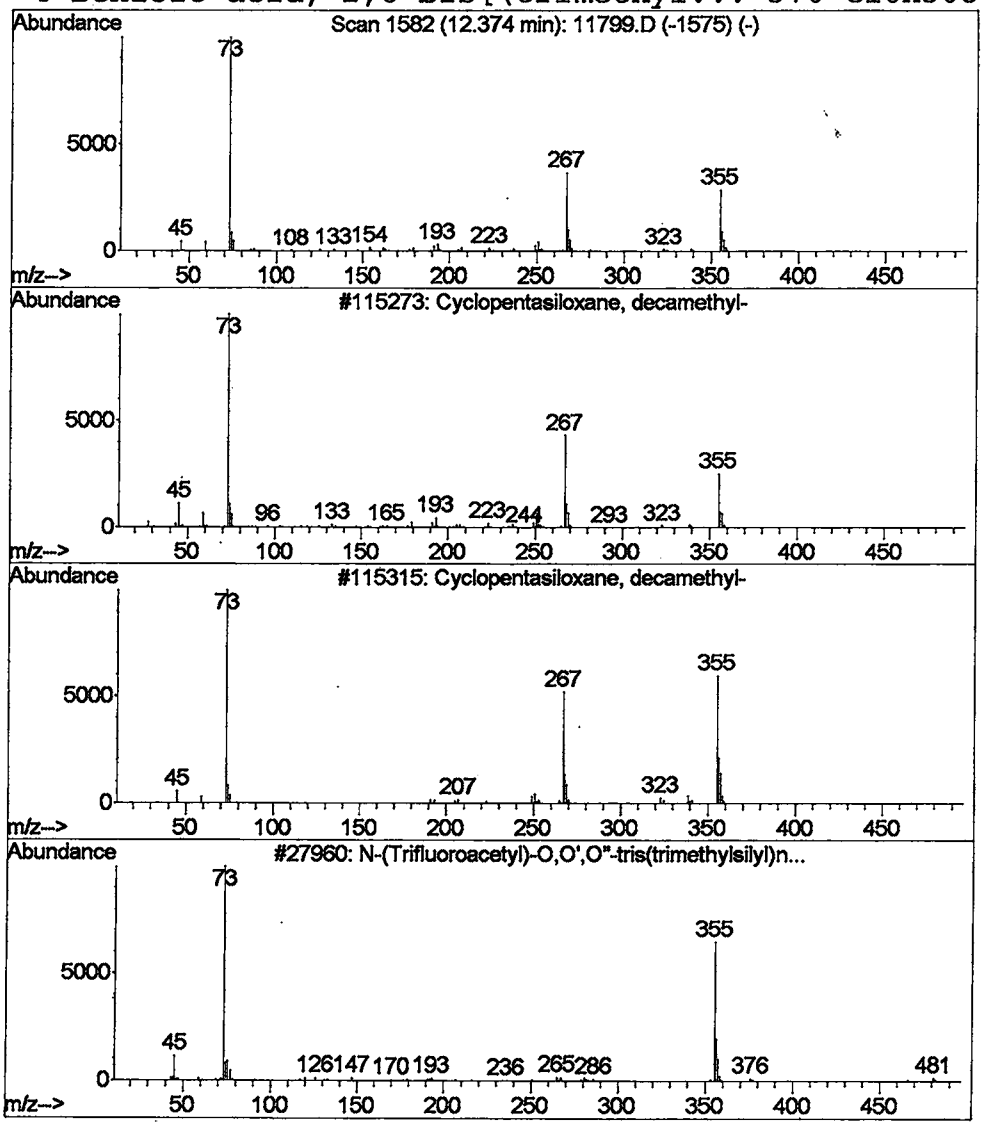
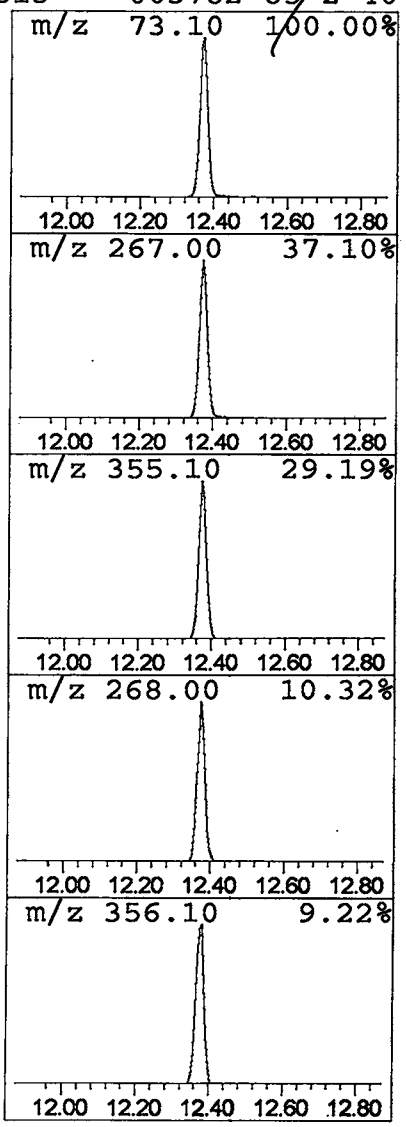
Peak Number 12 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	2.09 ug/L	2232880	Napthalene-d8	13.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	76
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
3	N-(Trifluoroacetyl)-O,O',O''-tri...	481	C19H34F3NO4Si3	1000072-26-3	43
4	Benzoic acid, 2,6-bis[(trimethyl...	370	C16H30O4Si3	003782-85-2	40





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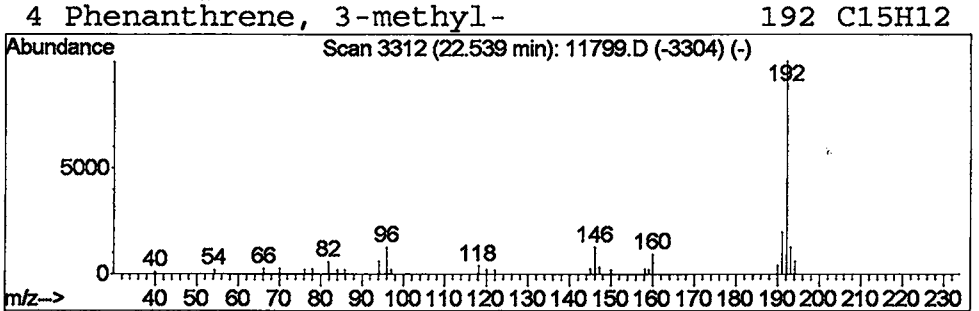
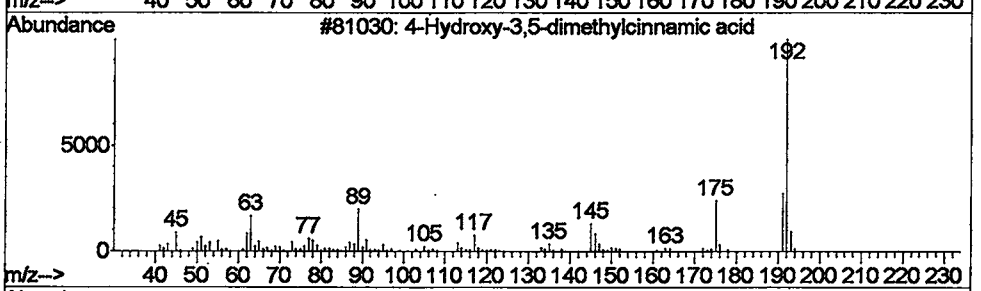
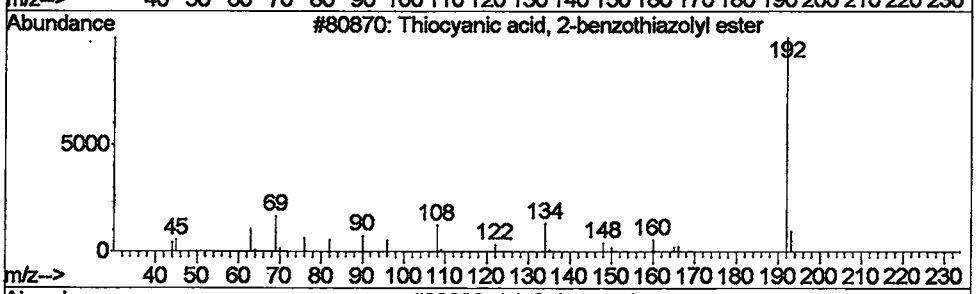
Peak Number 13 4-Hydroxy-3,5-dimethylcinna... Concentration Rank 18

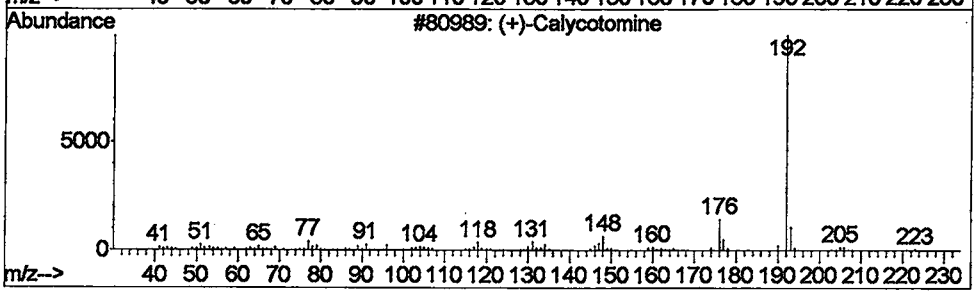
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	0.29 ug/L	343483	Phenanthranene-d10	22.92

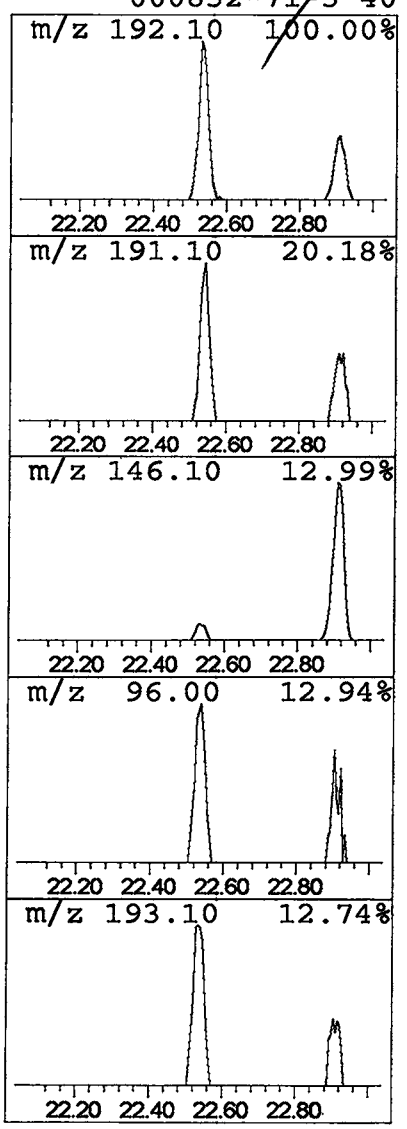
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	59
2	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	50
3	(+)-Calycotomine	223	C12H17NO3	1000127-35-0	50
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	40











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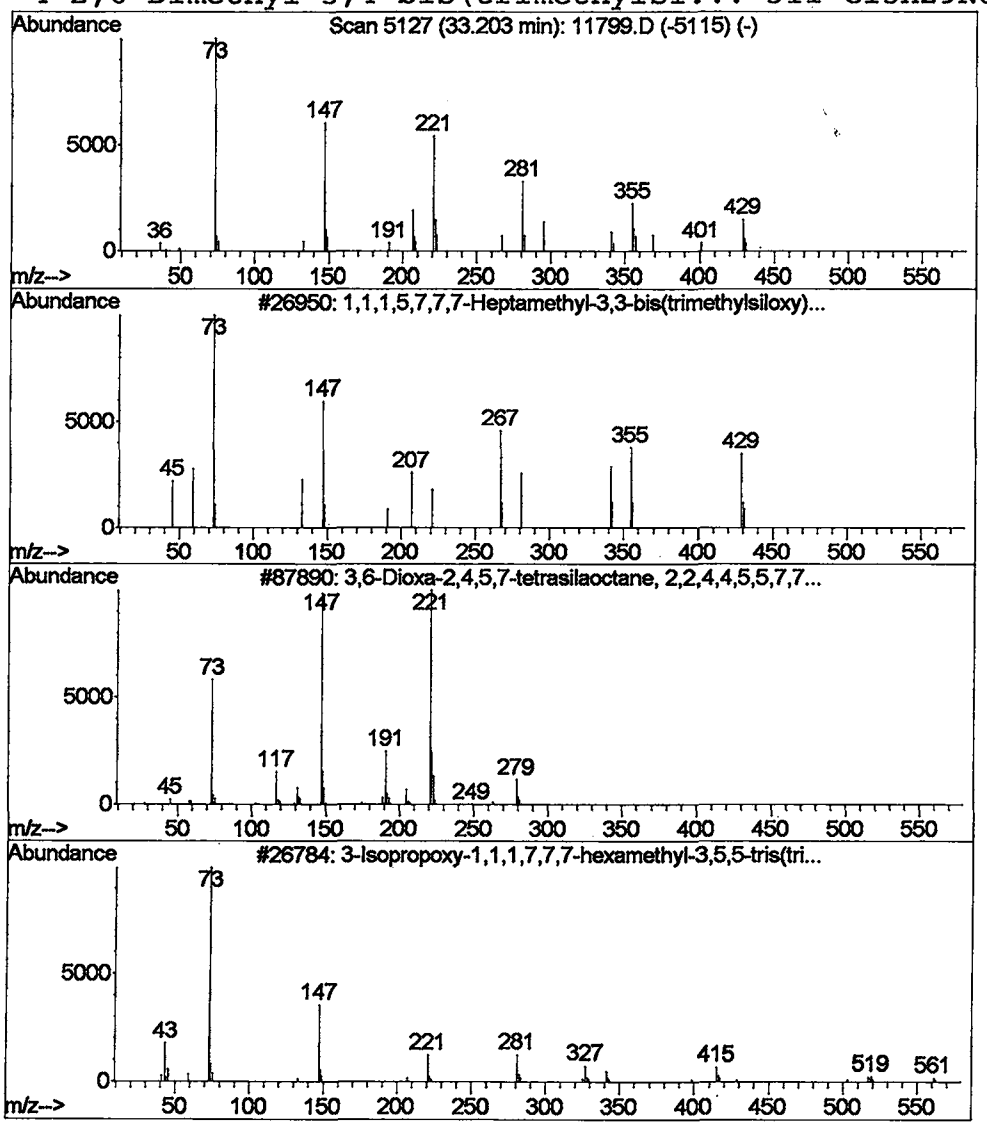
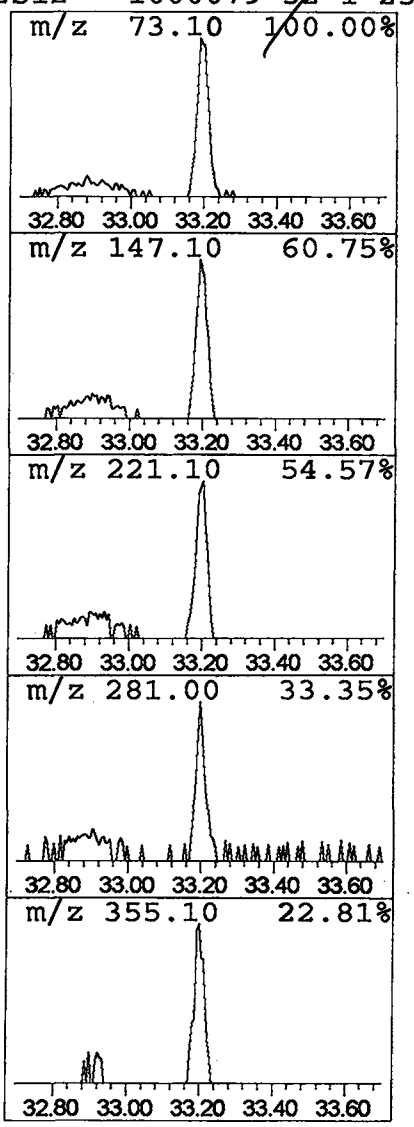
Peak Number 14 1,1,1,5,7,7,7-Heptamethyl-3... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.20	0.72 ug/L	399072	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	42
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	38
3	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	37
4	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	25





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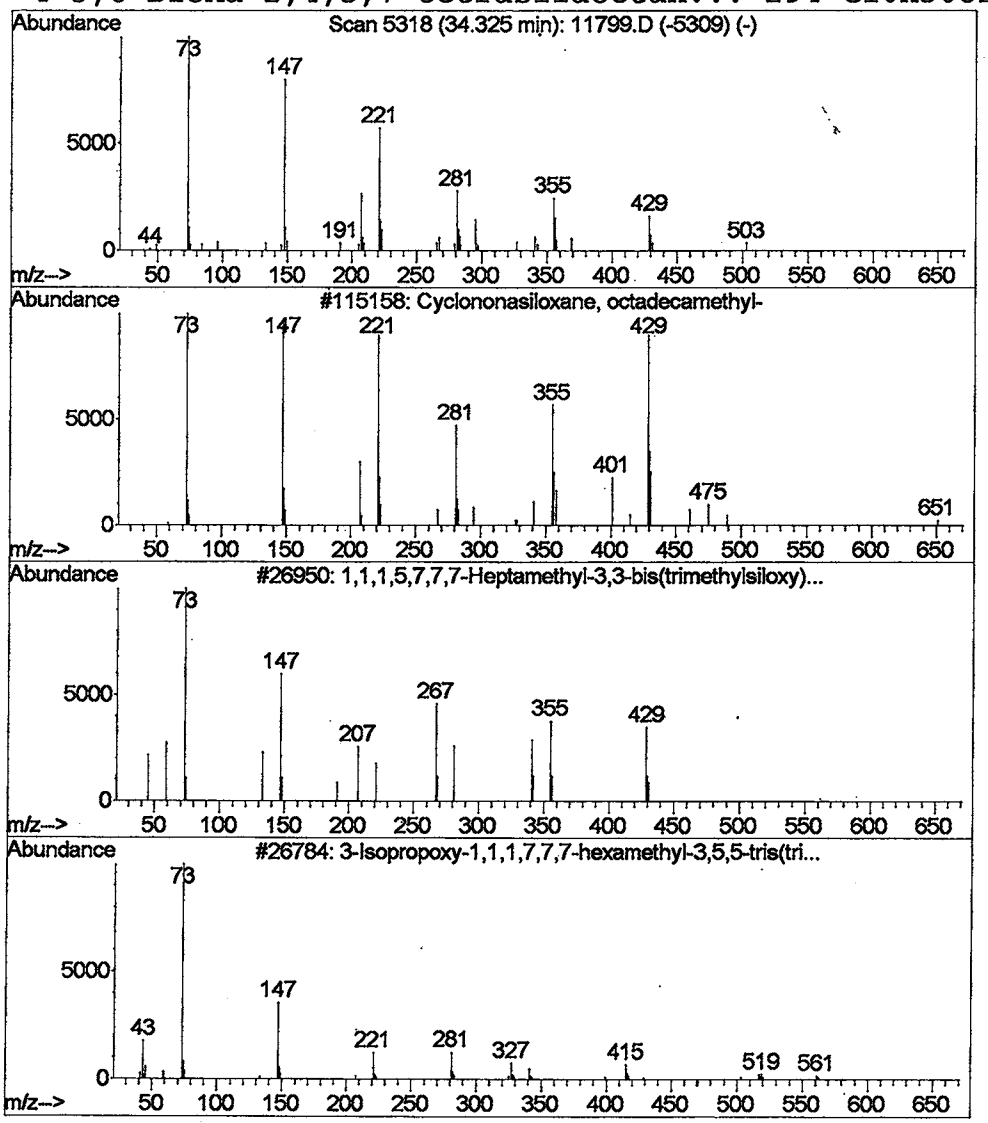
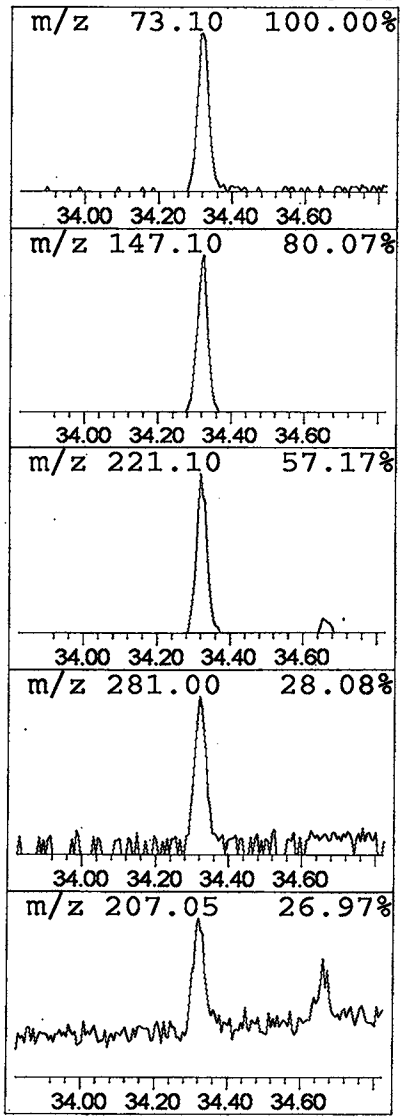
****

Peak Number 15 Cyclononasiloxane, octadeca... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.32	1.20 ug/L	660428	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	45
3	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	38
4	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	38





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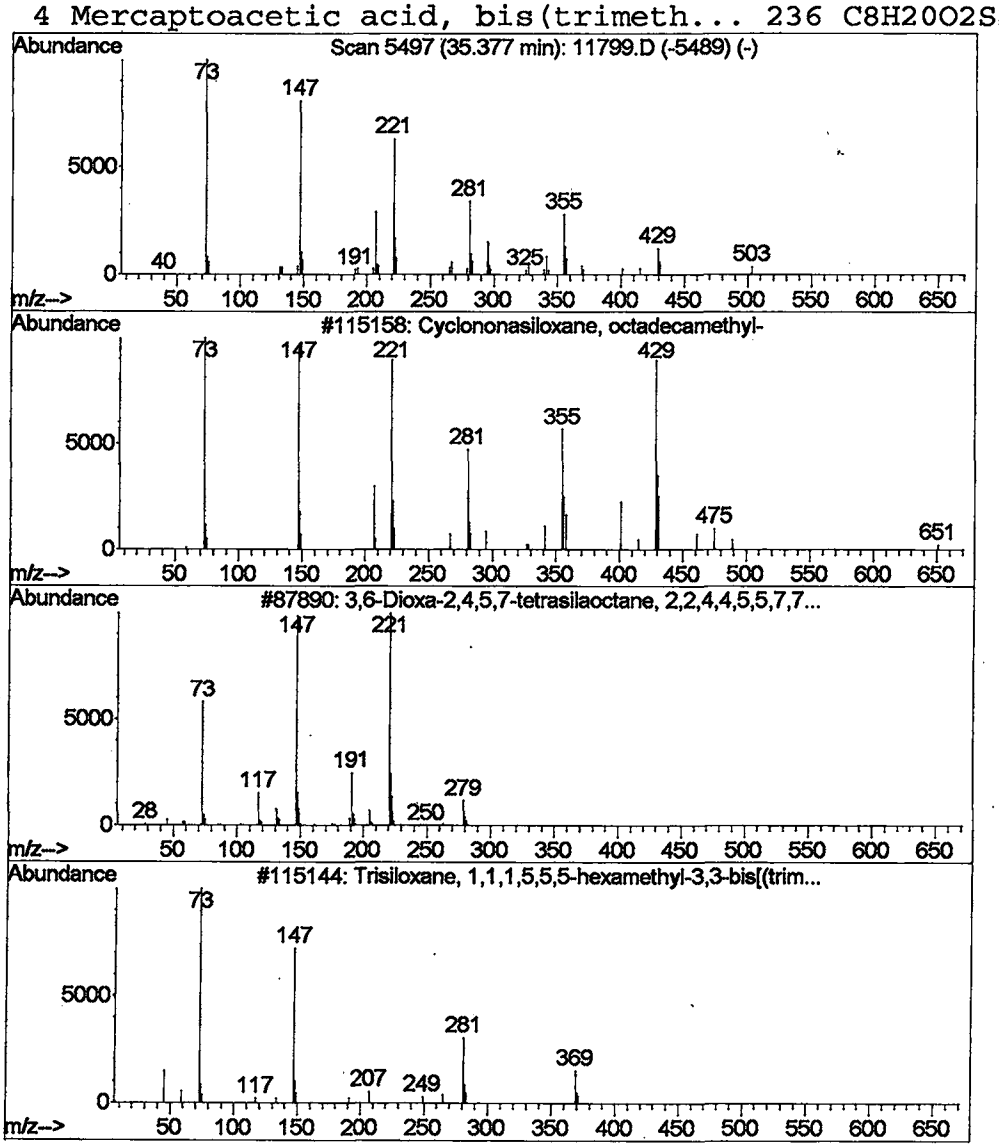
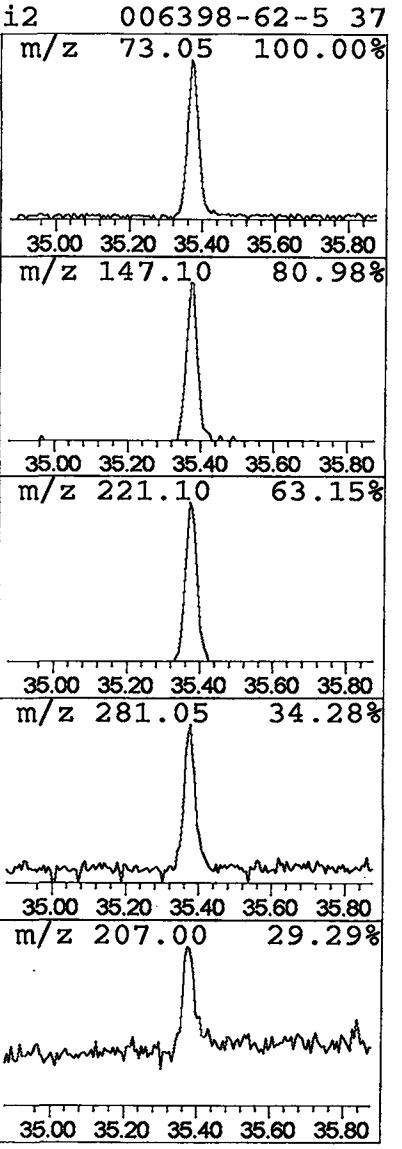
Peak Number 16 Cyclononasiloxane, octadeca... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.38	1.63 ug/L	898311	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	90
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	38
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	38
4	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	37





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11799.D Vial: 6
Acq On : 22 May 2002 5:54 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

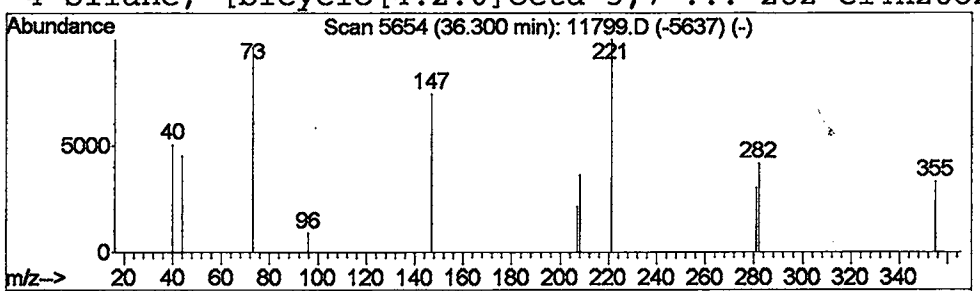
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

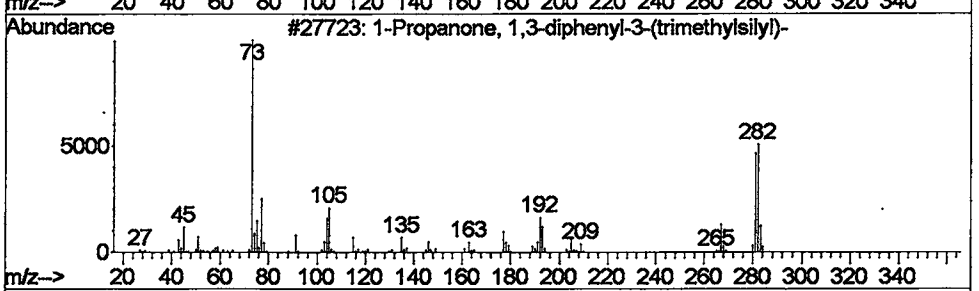
****

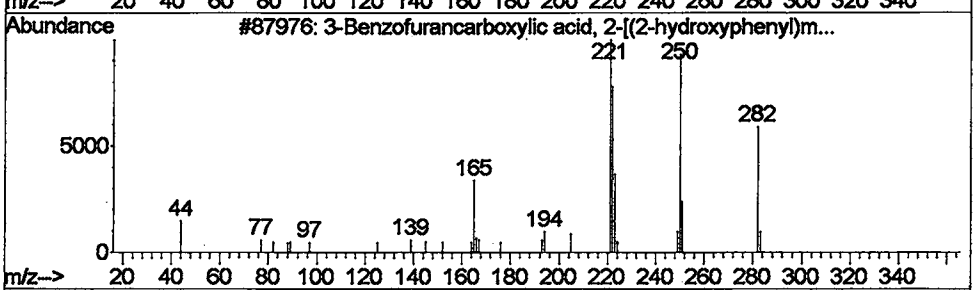
Peak Number 17 1-Propanone, 1,3-diphenyl-3... Concentration Rank 20

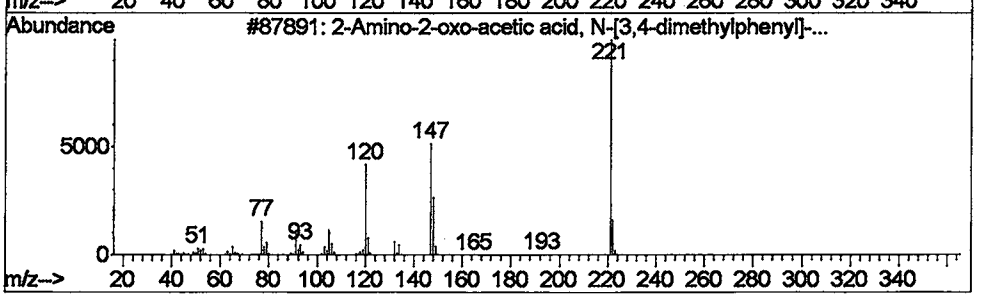
R.T.	EstConc	Area	Relative to ISTD	R.T.
36.30	0.27 ug/L	146470	Perylene-d12	34.66

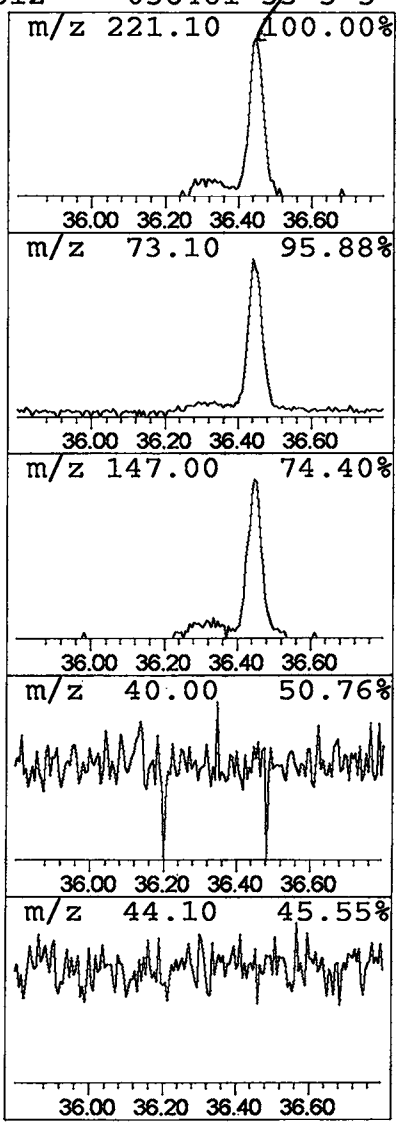
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 1,3-diphenyl-3-(tri...	282	C18H22OSi	030262-98-7	9
2	3-Benzofurancarboxylic acid, 2-[...	282	C17H14O4	040800-98-4	5
3	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	1000127-85-3	5
4	Silane, [bicyclo[4.2.0]octa-3,7-...	282	C14H26O2Si2	036461-33-3	5











Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11799.D Vial: 6
Acq On : 22 May 2002 5:54 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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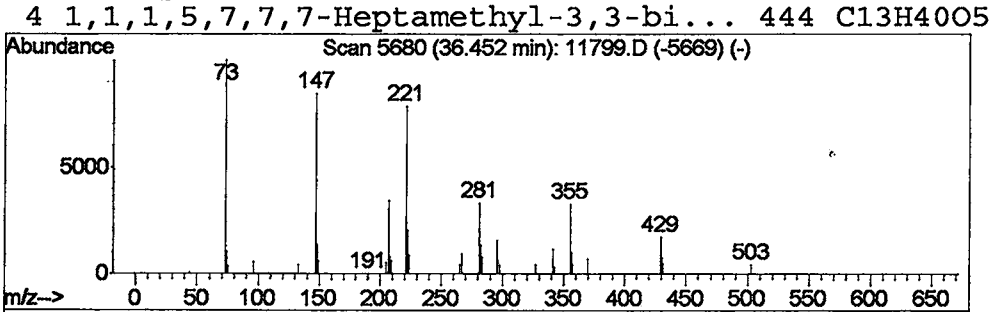
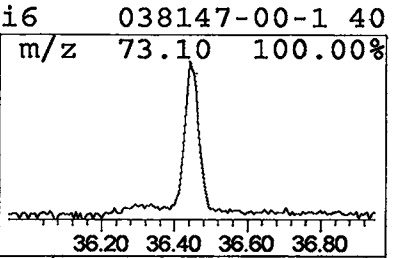
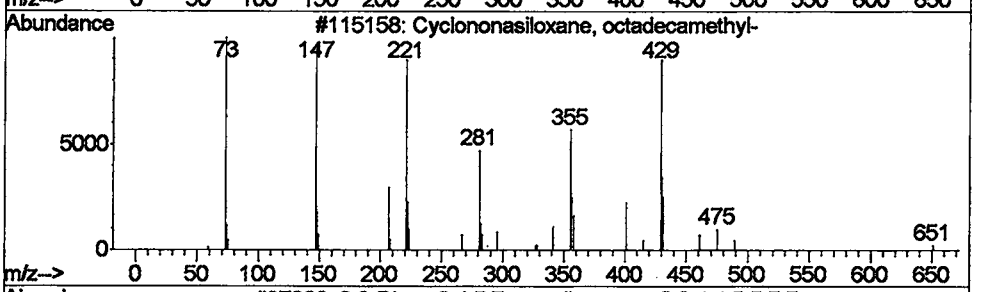
Peak Number 18 Cyclononasiloxane, octadeca... Concentration Rank 4

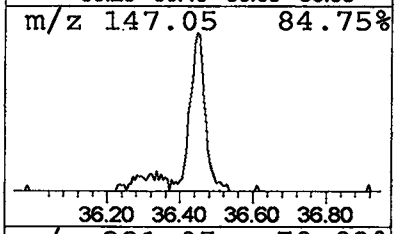
R.T.	EstConc	Area	Relative to ISTD	R.T.
36.45	1.61 ug/L	891459	Perylene-d12	34.66

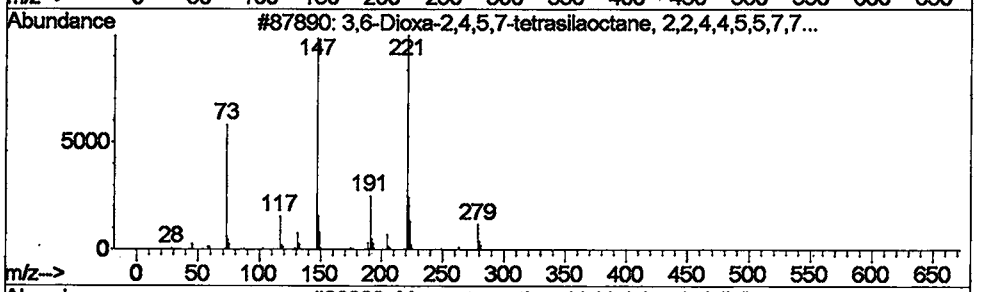
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	90
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	53
3	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	50
4	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	40

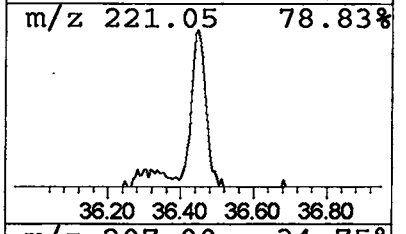


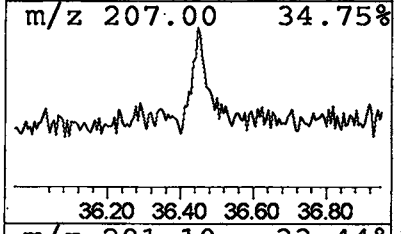


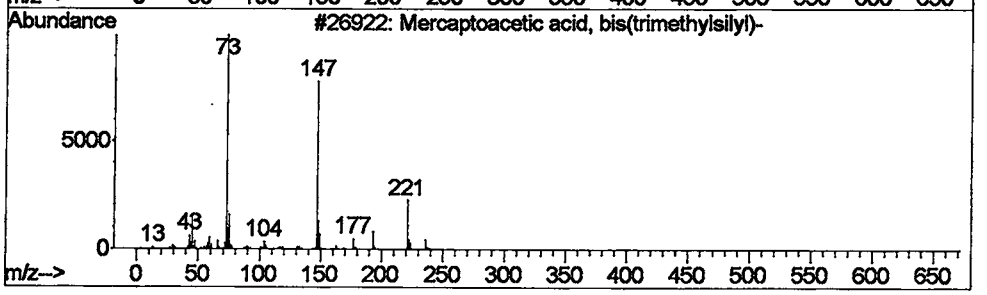


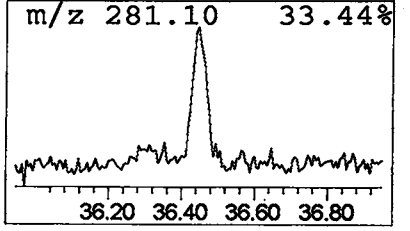












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11799.D Vial: 6
Acq On : 22 May 2002 5:54 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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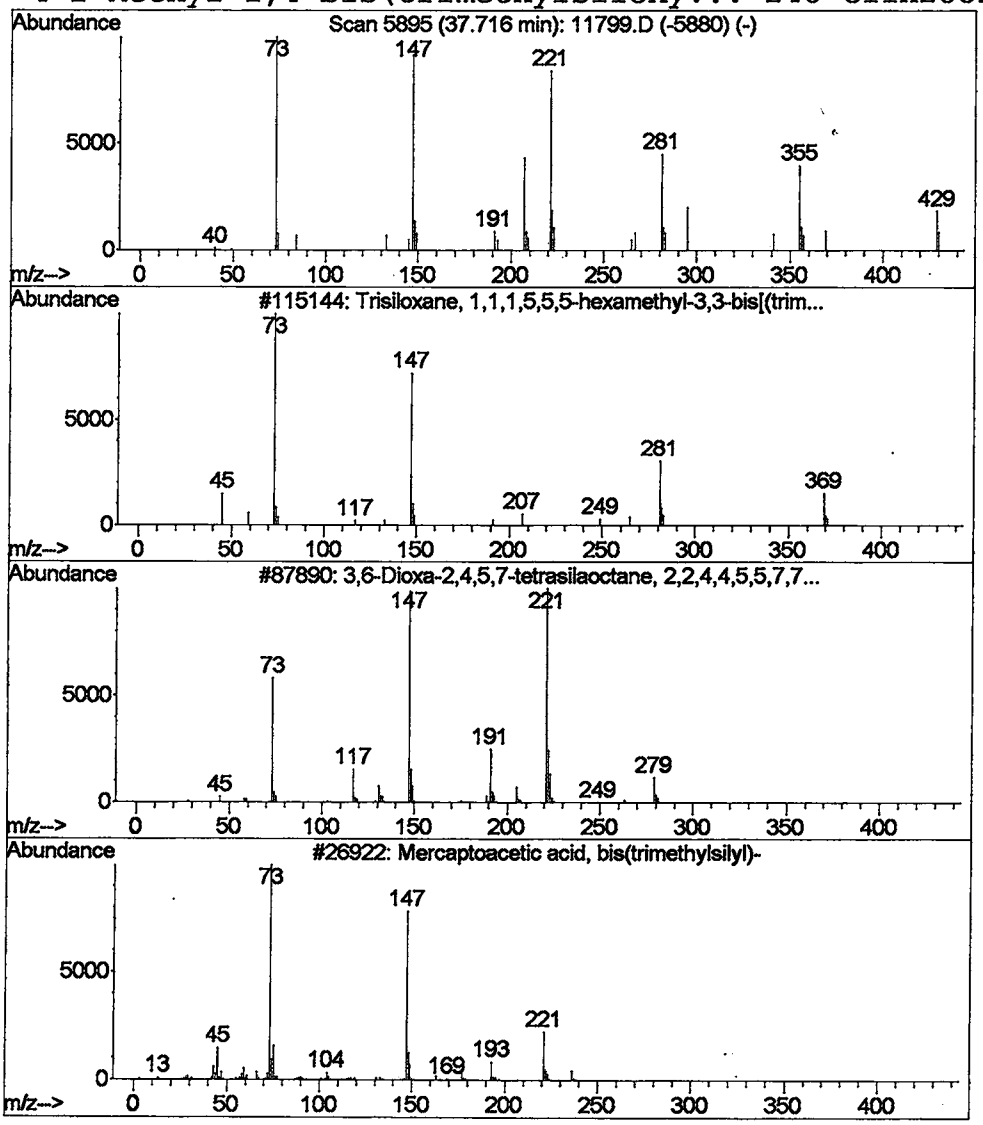
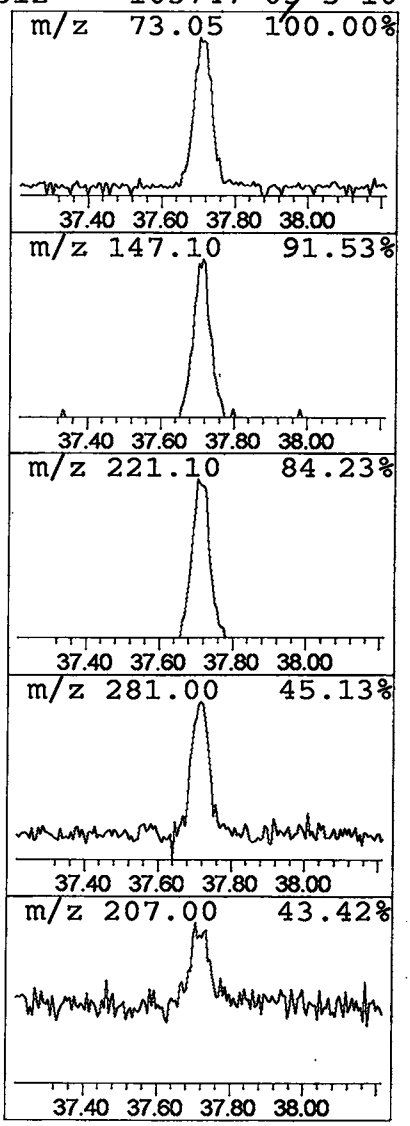
Peak Number 19 Trisiloxane, 1,1,1,5,5,5-he... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.71	1.43 ug/L	790018	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	27
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	25
3	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	25
4	2-Methyl-1,4-bis(trimethylsiloxy...	248	C11H28O2Si2	105747-05-5	10





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11799.D
Acq On : 22 May 2002 5:54 pm
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 6
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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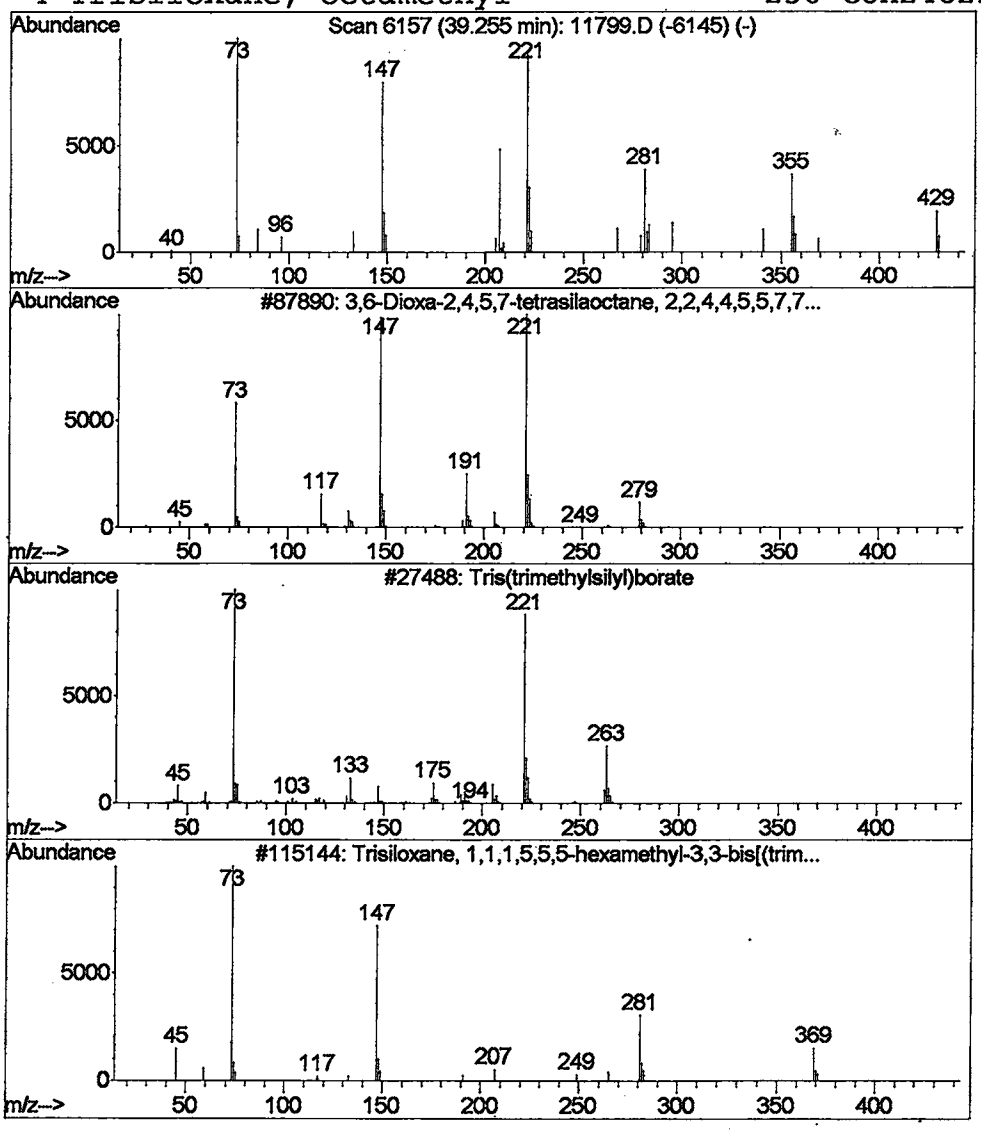
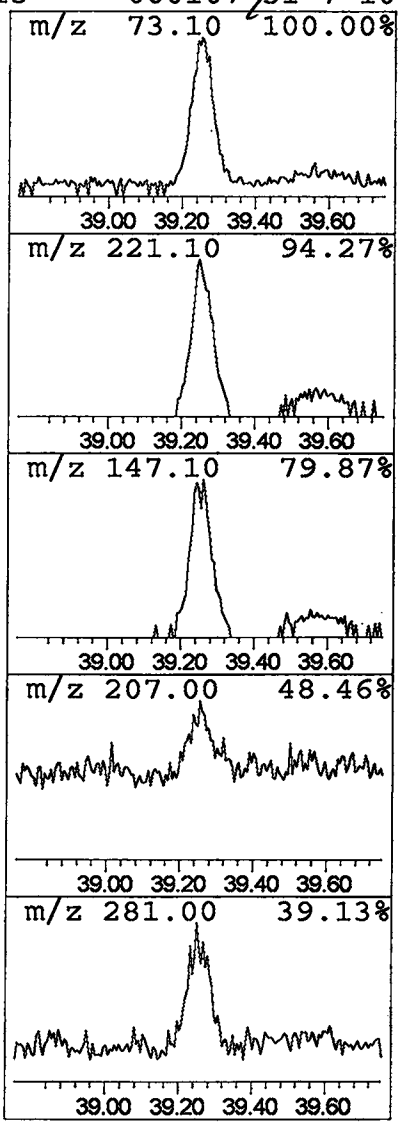
Peak Number 20 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.26	0.98 ug/L	541184	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	38
2	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	14
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	12
4	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	10





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 22 May 2002 5:54 pm
Data File: C:\MSDCHEM\1\DATA\052202\11799.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	1.0	ug/L	831340	1	9.90	31946000	40.0
Methylene Chloride	3.72	0.5	ug/L	437982	1	9.90	31946000	40.0
Ethenamine, N-met...	3.75	0.9	ug/L	745696	1	9.90	31946000	40.0
Methylene Chloride	3.79	0.7	ug/L	573195	1	9.90	31946000	40.0
Methylene Chloride	3.82	0.8	ug/L	663811	1	9.90	31946000	40.0
Methylene Chloride	3.87	0.9	ug/L	708196	1	9.90	31946000	40.0
1,3-Dioxol-2-one	3.92	0.7	ug/L	593612	1	9.90	31946000	40.0
Toluene	4.28	1.0	ug/L	789911	1	9.90	31946000	40.0
Methylene Chloride	4.59	0.3	ug/L	219755	1	9.90	31946000	40.0
Chloromethanesulf...	5.03	0.3	ug/L	268146	1	9.90	31946000	40.0
2-Pentanone, 4-hy...	5.94	11.4	ug/L	9144000	1	9.90	31946000	40.0
Cyclopentasiloxan...	12.38	2.1	ug/L	2232880	2	13.40	42637200	40.0
4-Hydroxy-3,5-dim...	22.54	0.3	ug/L	343483	4	22.92	47737000	40.0
1,1,1,5,7,7,7-Hep...	33.20	0.7	ug/L	399072	6	34.66	22097800	40.0
Cyclononasiloxane...	34.32	1.2	ug/L	660428	6	34.66	22097800	40.0
Cyclononasiloxane...	35.38	1.6	ug/L	898311	6	34.66	22097800	40.0
1-Propanone, 1,3-...	36.30	0.3	ug/L	146470	6	34.66	22097800	40.0
Cyclononasiloxane...	36.45	1.6	ug/L	891459	6	34.66	22097800	40.0
Trisiloxane, 1,1,...	37.71	1.4	ug/L	790018	6	34.66	22097800	40.0
3,6-Dioxa-2,4,5,7...	39.26	1.0	ug/L	541184	6	34.66	22097800	40.0