User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 15:40:23

Sample: AE11903
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/3/02 15:40 Ended: 6/3/02 15:40 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 AE11903 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-03-2002 Time: 15:40:51

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\11903.D Vial: 10
Acq On : 22 May 2002 9:09 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 08:42:00 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : 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	4935657	40.00	ug/L	-0.03
10) Napthalene-d8	13.39	136	19564213	40.00	ug/L	-0.04
17) Acenapthalene-d10	18.53	164	10973252	40.00	ug/L	-0.03
29) Phenanthranene-d10	22.91	188	16800614	40.00	ug/L	-0.04
37) Chrysene-d12	30.76	240	10877388	40.00	ug/L	-0.05
43) Perylene-d12	34.66	264	6232920	40.00	ug/L	-0.05
System Monitoring Compounds						
27) TCMX	20.51	209	2363994	35.48	ug/L	-0.03
Spiked Amount 40.000			Recovery = 88.70%			
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	41490	N.D.		
30) Nnitrosodiphenylamine	20.51	169	47000	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	13820	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 22 May 2002 9:09 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 08:42:00 2002 Quant Results File: 050102.RES

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

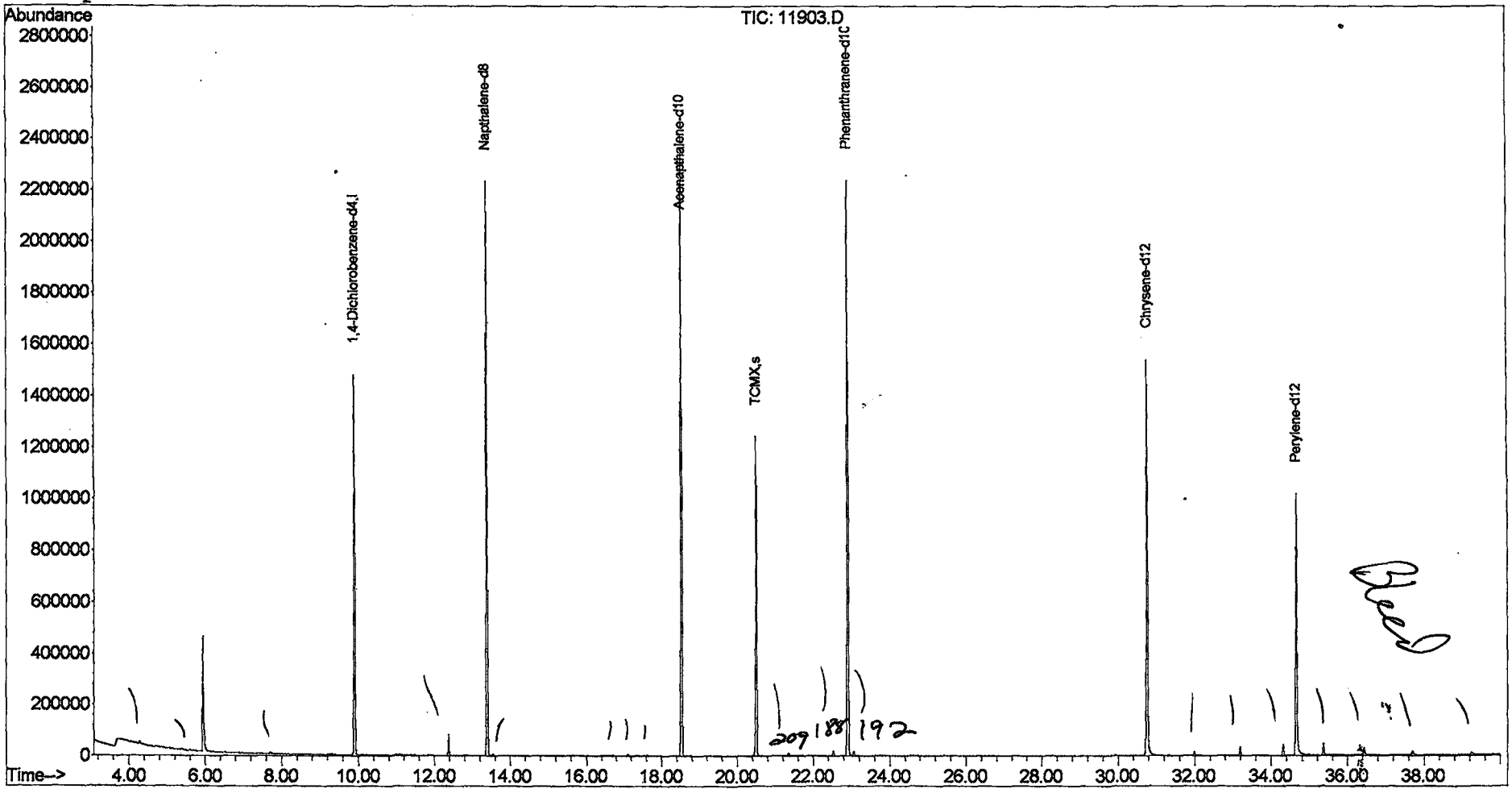
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	0.00	202	0	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	0.00	228	0	N.D.	
41)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
42)	Chrysene	0.00	228	0	N.D.	
44)	Di-n-octylphthalate	0.00	149	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)

Data File : C:\MSDCHEM\1\DATA\052202\11903.D Vial: 10
Acq On : 22 May 2002 9:09 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\11903.D Vial: 10
Acq On : 22 May 2002 9:09 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

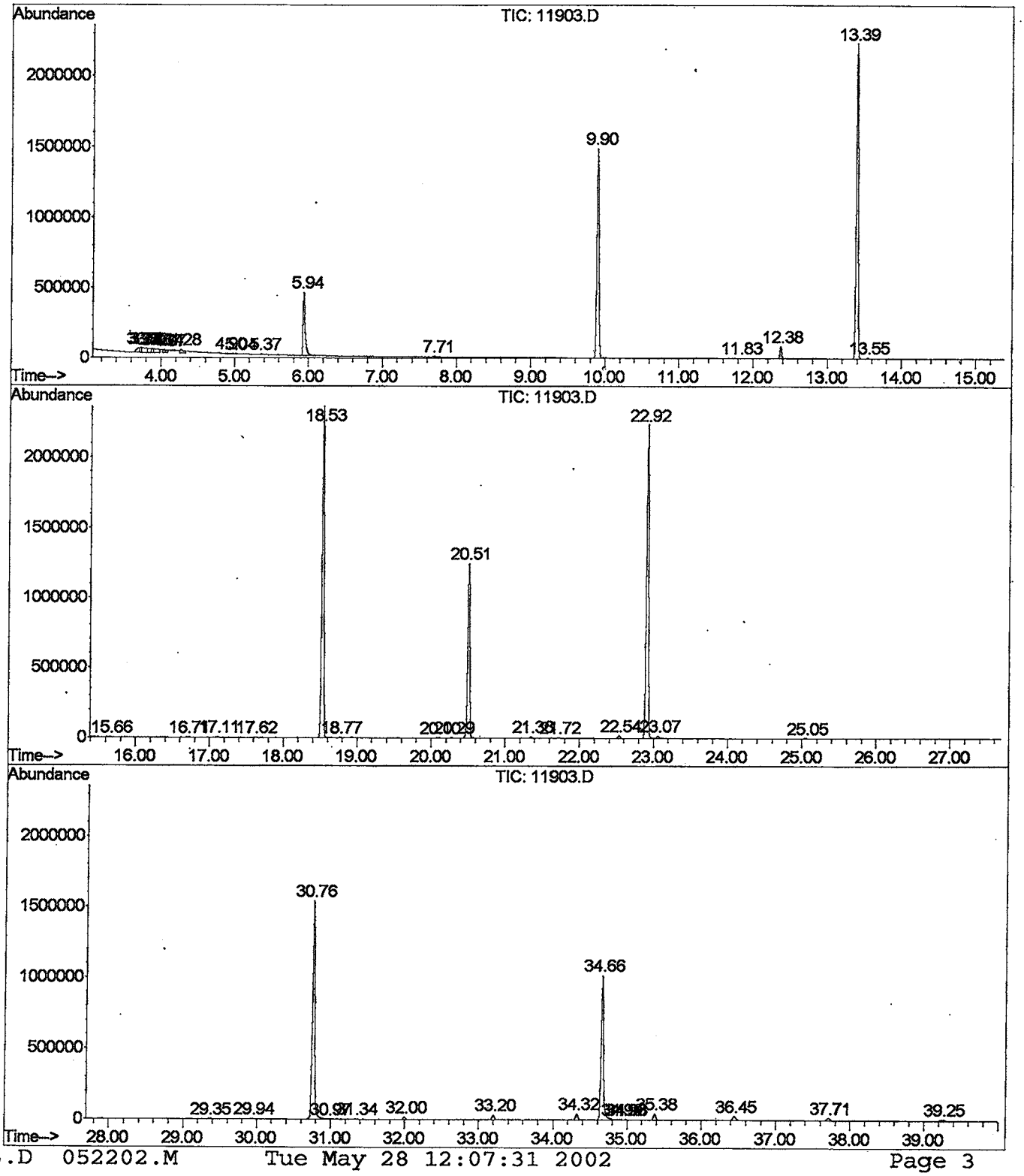
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.702	88	106	108	PV 2	31698	890982	1.95%	0.339%
2	3.726	108	110	112	VV 3	31373	447989	0.98%	0.170%
3	3.743	112	113	125	VV 5	31626	1403681	3.08%	0.534%
4	3.825	125	127	135	VV 5	27692	885644	1.94%	0.337%
5	3.884	135	137	139	VV 3	25908	424892	0.93%	0.162%
6	3.908	139	141	155	VV 5	25802	1262238	2.77%	0.480%
7	4.037	161	163	167	VV 4	21533	452154	0.99%	0.172%
8	4.072	167	169	172	VV 4	19849	330935	0.73%	0.126%
9	4.278	200	204	214	VV 3	25748	853908	1.87%	0.325%
10	4.901	305	310	326	VV 3	4664	197564	0.43%	0.075%
11	5.036	331	333	335	VV 3	2671	25530	0.06%	0.010%
12	5.371	386	390	398	PV 9	2727	41598	0.09%	0.016%
13	5.935	480	486	509	PV	443349	8666521	18.99%	3.294%
14	7.709	784	788	803	PV 4	5455	118806	0.26%	0.045%
15	9.901	1152	1161	1178	PV	1487901	29516006	64.69%	11.220%
16	11.828	1480	1489	1494	PV 6	2455	42722	0.09%	0.016%
17	12.374	1576	1582	1594	VV 2	82074	1256143	2.75%	0.477%
18	13.397	1741	1756	1771	PV	2211378	39915085	87.48%	15.173%
19	13.550	1775	1782	1788	VV	6016	105714	0.23%	0.040%
20	15.665	2129	2142	2146	PV 4	2452	50921	0.11%	0.019%
21	16.711	2308	2320	2326	PV 4	3090	56698	0.12%	0.022%
22	17.110	2384	2388	2398	VV 2	7037	109793	0.24%	0.042%
23	17.621	2470	2475	2485	PV 5	3308	52825	0.12%	0.020%
24	18.532	2617	2630	2648	PV	2337557	44778420	98.14%	17.022%
25	18.773	2665	2671	2678	PB 6	2351	42161	0.09%	0.016%
26	20.101	2891	2897	2907	VV 7	1876	45655	0.10%	0.017%
27	20.289	2921	2929	2935	VV 6	2259	35719	0.08%	0.014%
28	20.506	2953	2966	2974	PV	1227894	23506034	51.52%	8.935%
29	21.358	3104	3111	3124	VV 3	10471	175413	0.38%	0.067%
30	21.717	3168	3172	3179	PV 4	3130	58075	0.13%	0.022%
31	22.539	3304	3312	3319	PV 2	18519	326488	0.72%	0.124%
32	22.915	3364	3376	3395	PV 2	2217275	45625464	100.00%	17.343%
33	23.068	3395	3402	3413	VV	16134	306264	0.67%	0.116%
34	25.054	3730	3740	3747	PV 3	1833	38248	0.08%	0.015%
35	29.355	4467	4472	4479	PV 4	1725	31683	0.07%	0.012%
36	29.942	4565	4572	4578	PV 3	2347	45549	0.10%	0.017%
37	30.765	4696	4712	4745	VV 2	1540741	33625548	73.70%	12.782%

38	30.977	4745	4748	4752	VV	3	2067	43522	0.10%	0.017%
39	31.335	4803	4809	4817	VV	2	3072	61995	0.14%	0.024%
40	31.999	4914	4922	4934	PV		15884	308426	0.68%	0.117%
41	33.198	5118	5126	5134	PV		32172	629519	1.38%	0.239%
42	34.326	5308	5318	5330	PV	2	42268	903195	1.98%	0.343%
43	34.661	5363	5375	5411	VV	2	1019417	22653985	49.65%	8.611%
44	34.901	5411	5416	5423	VV	5	3274	123152	0.27%	0.047%
45	34.954	5423	5425	5427	VV	3	2616	28470	0.06%	0.011%
46	34.978	5427	5429	5437	VV	7	2947	86803	0.19%	0.033%
47	35.377	5487	5497	5511	PV	2	43859	961179	2.11%	0.365%
48	36.447	5668	5679	5693	VV	2	26816	745171	1.63%	0.283%
49	37.716	5875	5895	5910	PV	4	14888	472737	1.04%	0.180%
50	39.249	6145	6156	6171	VV	6	7775	302390	0.66%	0.115%

Sum of corrected areas: 263069615

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052202\11903.D
Operator : Mclean
Acquired : 22 May 2002 9:09 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/21 ad
Misc Info :
Vial Number: 10
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11903.D Vial: 10
Acq On : 22 May 2002 9:09 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

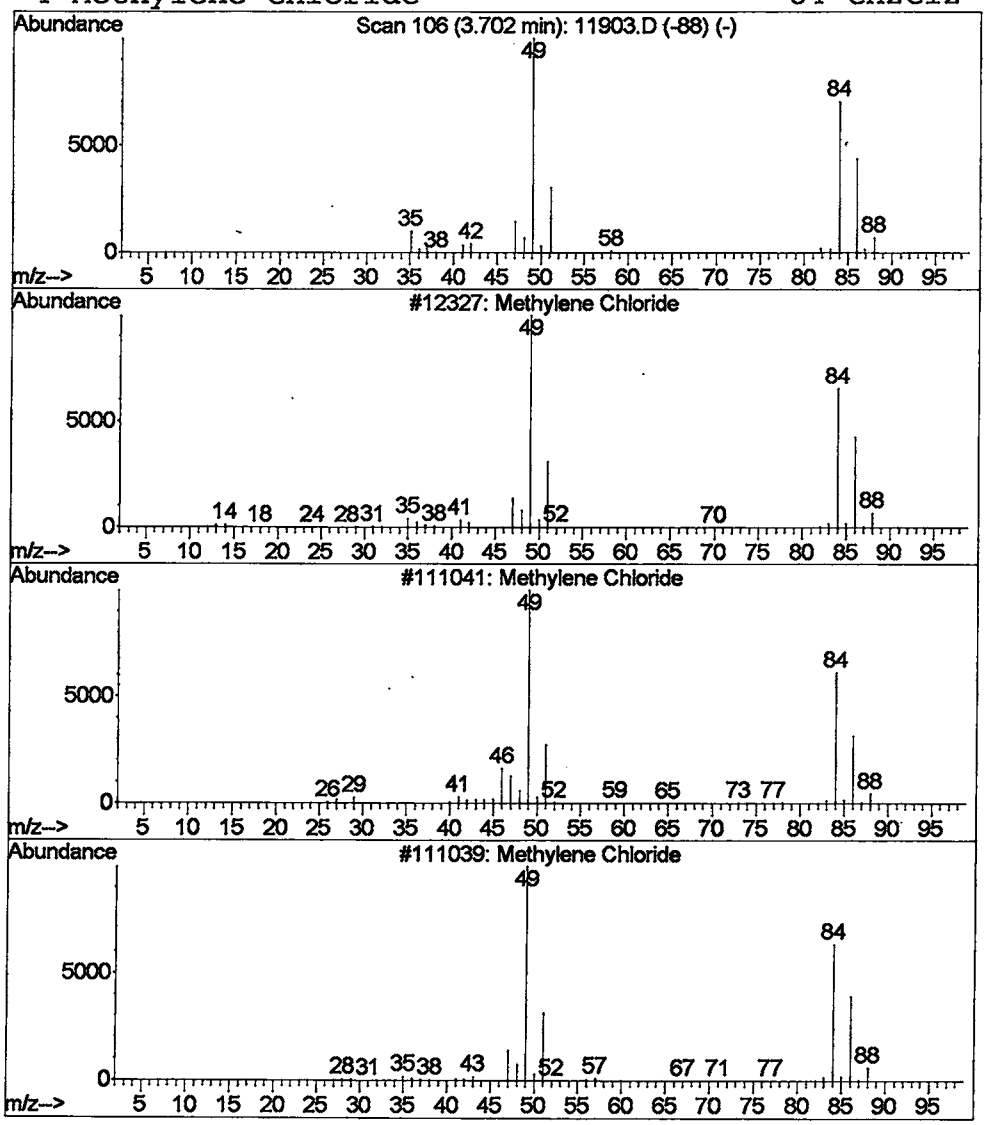
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

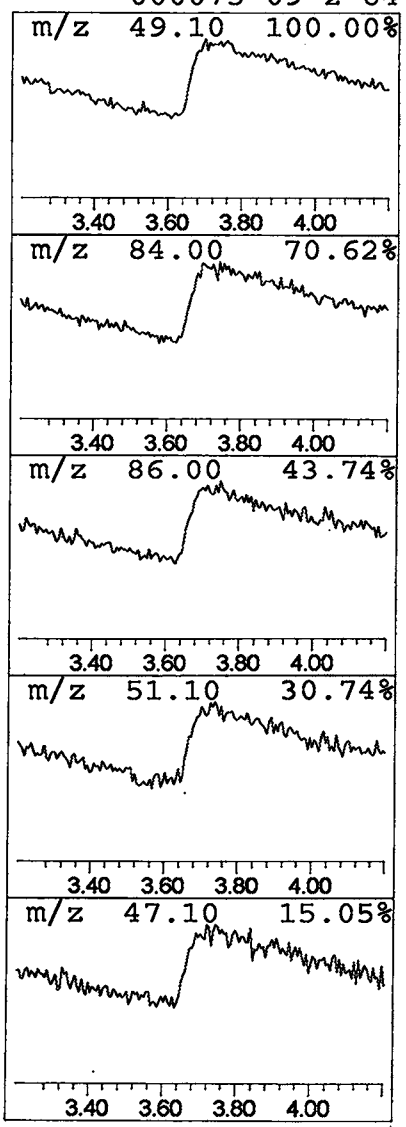
****

Peak Number 1 Methylene Chloride Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	1.21 ug/L	890982	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	64





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11903.D Vial: 10
Acq On : 22 May 2002 9:09 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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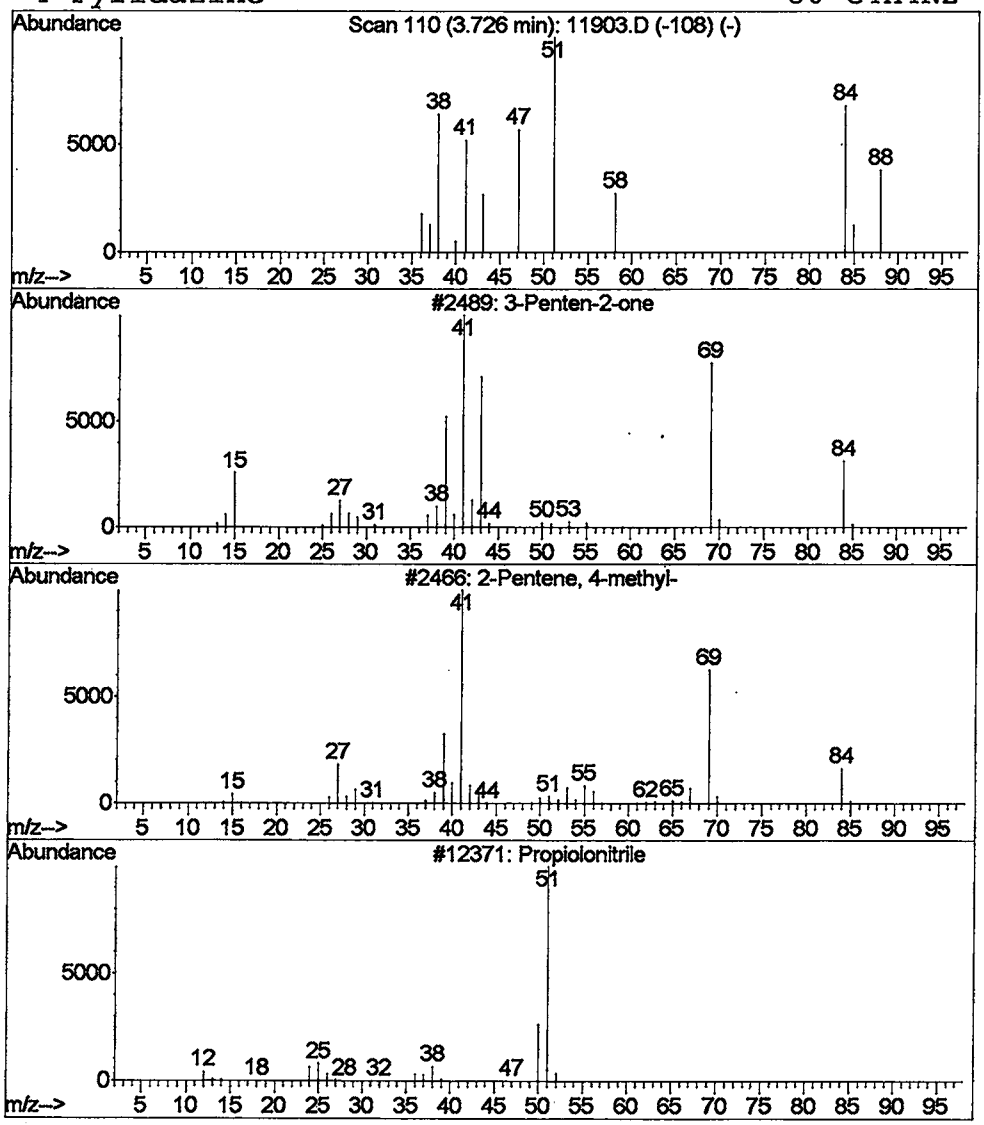
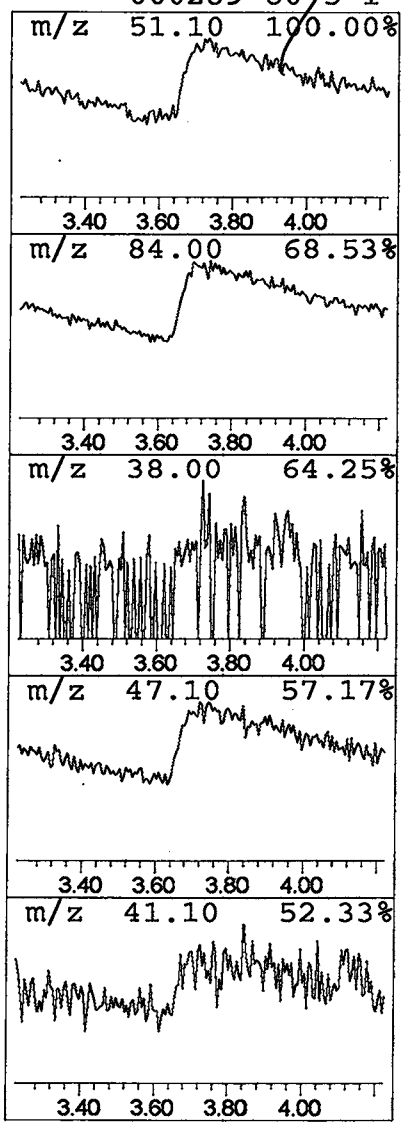
Peak Number 2 3-Penten-2-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	0.61 ug/L	447989	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one	84	C5H8O	000625-33-2	4
2	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	3
3	Propiolonitrile	51	C3HN	001070-71-9	3
4	Pyridazine	80	C4H4N2	000289-80-5	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11903.D
Acq On : 22 May 2002 9:09 pm
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 10
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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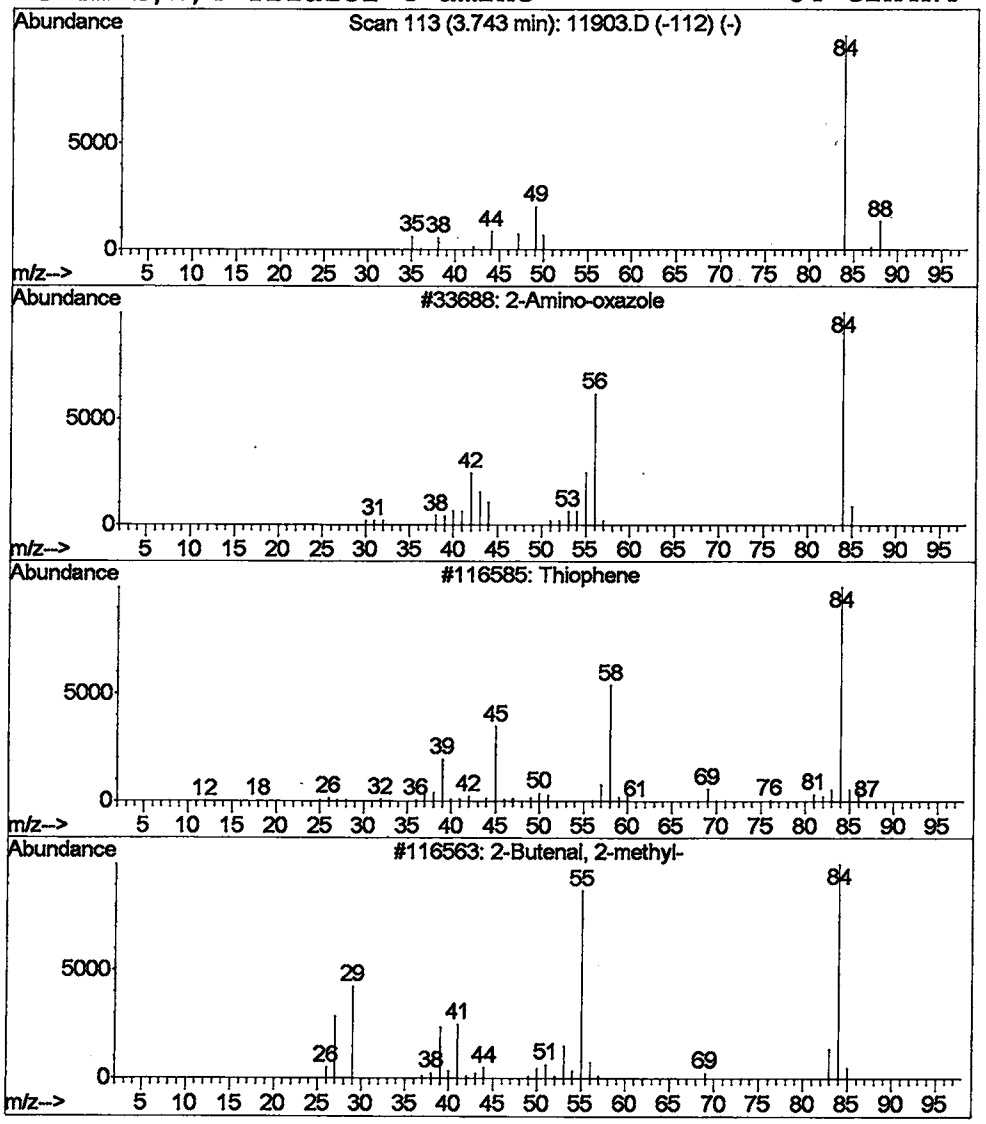
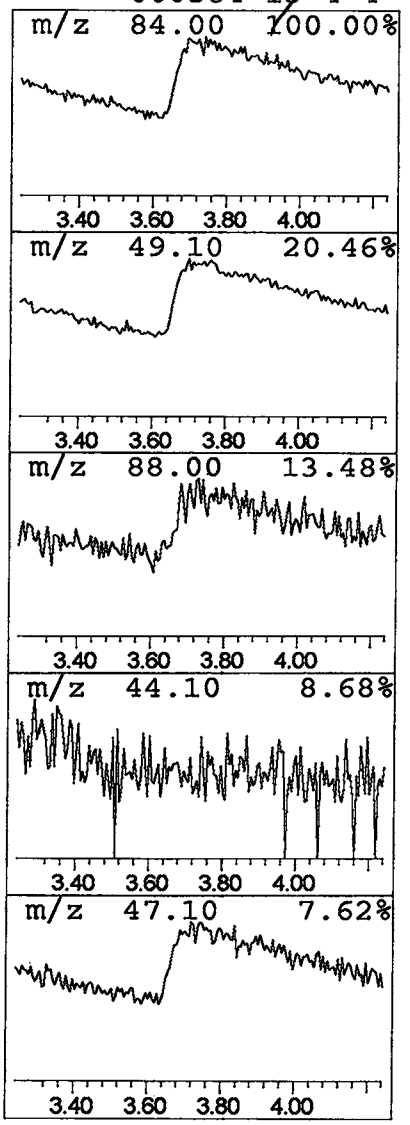
Peak Number 3 2-Amino-oxazole Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	1.90 ug/L	1403680	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	Thiophene	84	C4H4S	000110-02-1	5
3	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	5
4	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11903.D
Acq On : 22 May 2002 9:09 pm
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 10
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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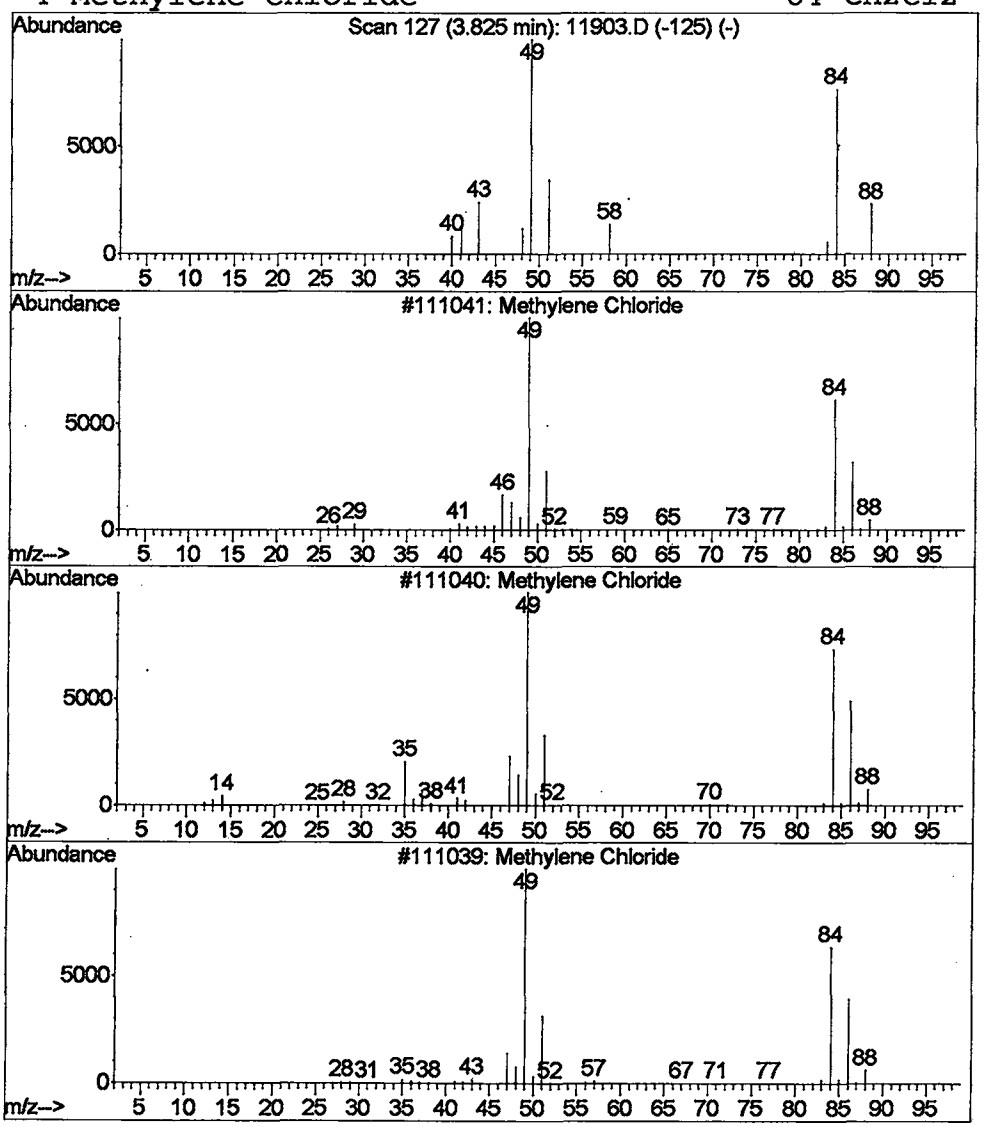
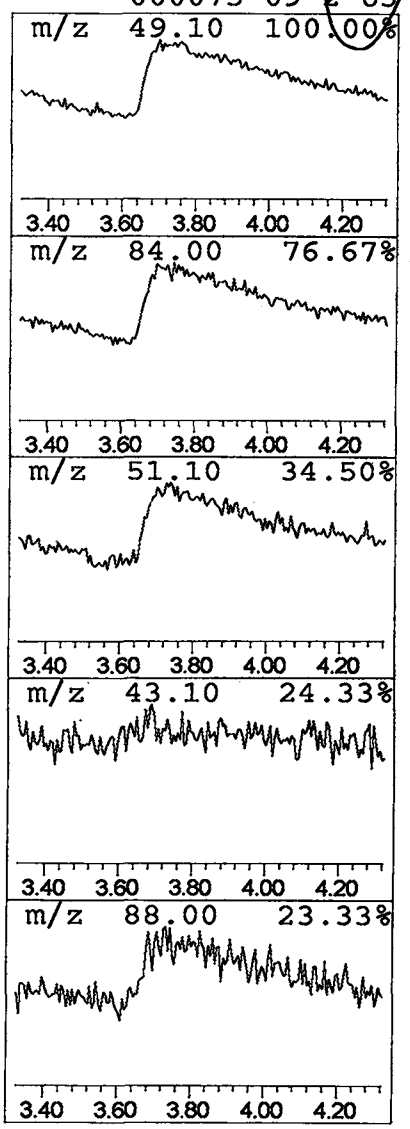
Peak Number 4 Methylene Chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	1.20 ug/L	885644	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	83
3	Methylene Chloride	84	CH2Cl2	000075-09-2	83
4	Methylene Chloride	84	CH2Cl2	000075-09-2	83





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11903.D
Acq On : 22 May 2002 9:09 pm
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 10
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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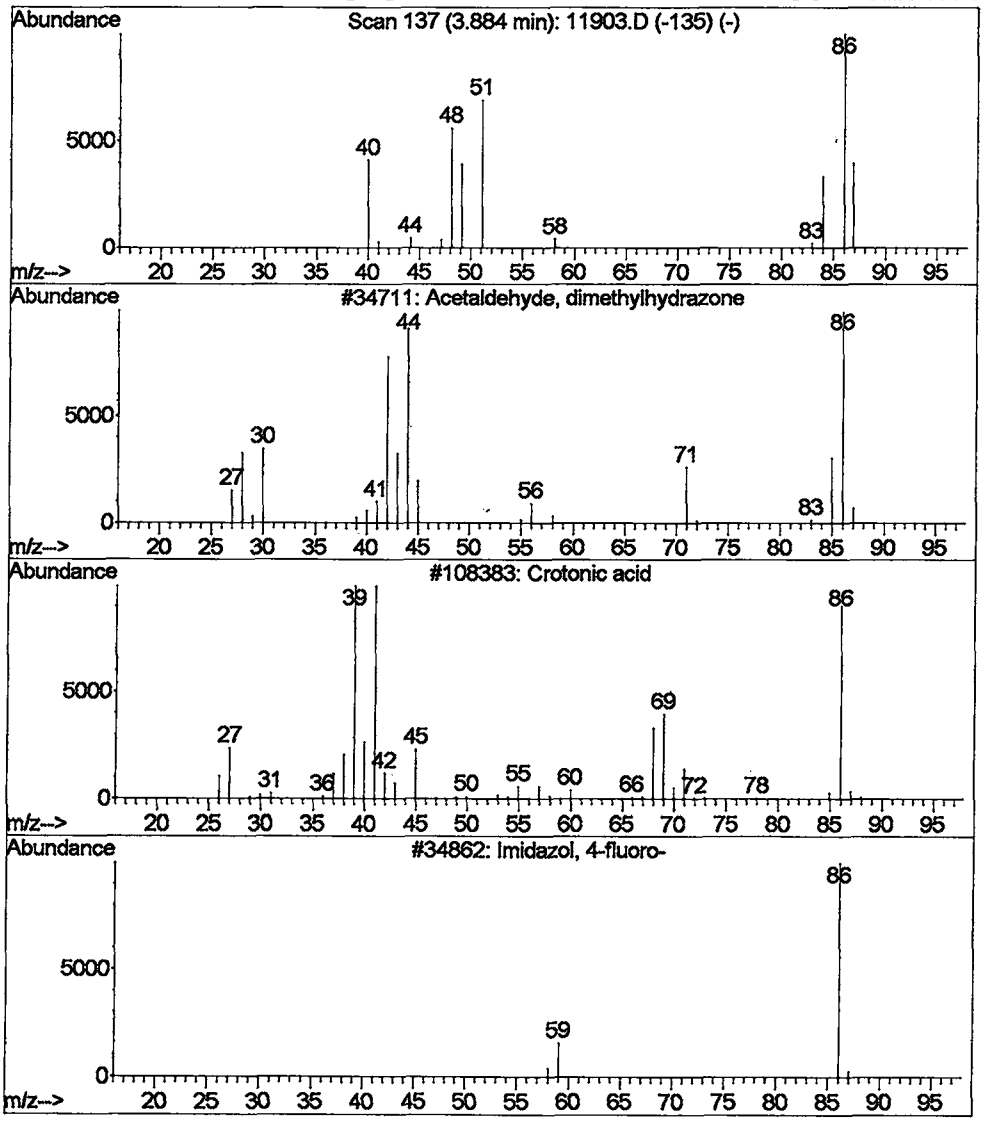
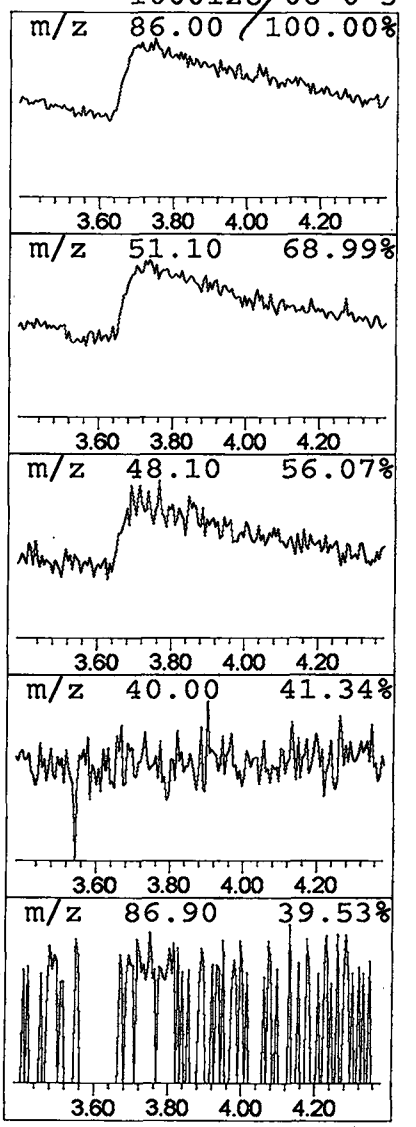
Peak Number 5 Acetaldehyde, dimethylhydra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	0.58 ug/L	424892	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, dimethylhydrazone	86	C4H10N2	007422-90-4	5
2	Crotonic acid	86	C4H6O2	003724-65-0	4
3	Imidazol, 4-fluoro-	86	C3H3FN2	030086-17-0	4
4	5-Fluoroimidazole	86	C3H3FN2	1000128-06-0	3





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11903.D Vial: 10
Acq On : 22 May 2002 9:09 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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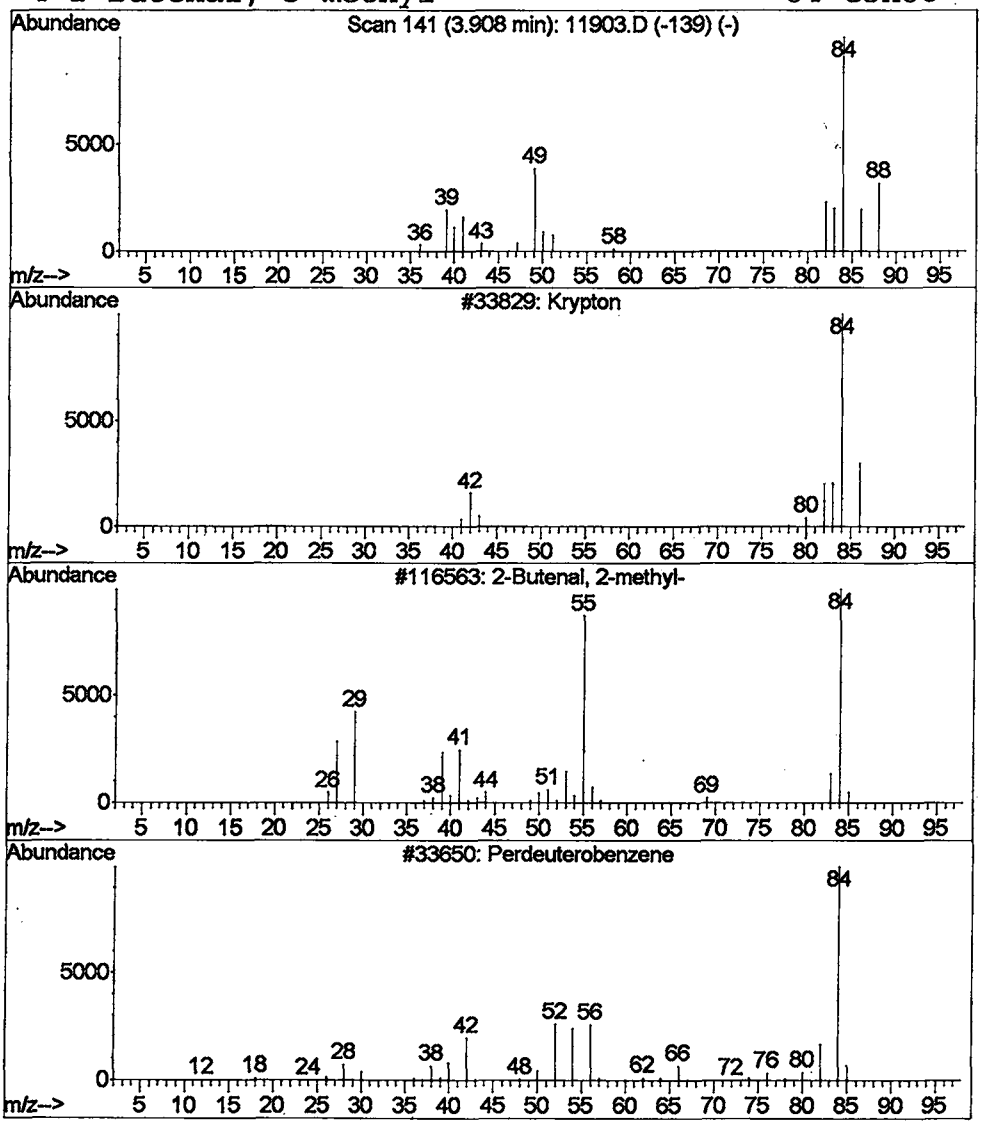
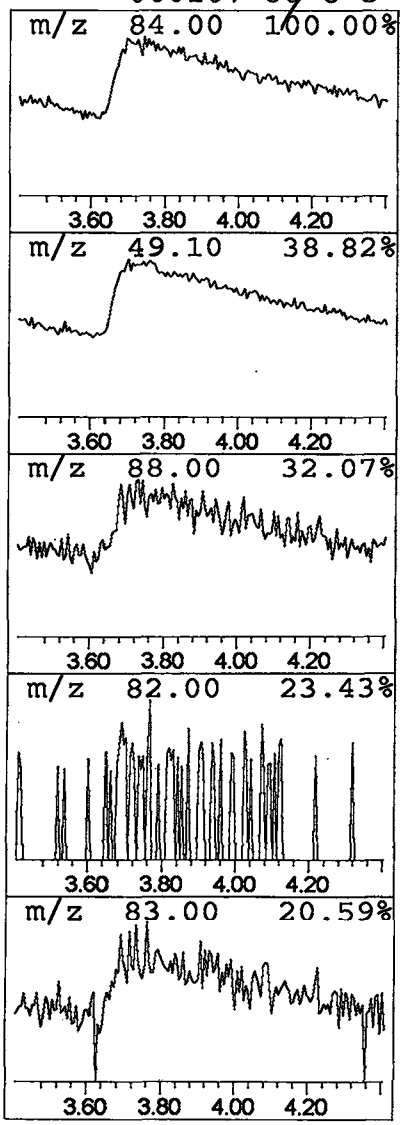
Peak Number 6 Krypton Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	1.71 ug/L	1262240	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	9
2	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	9
3	Perdeuterobenzene	84	C6D6	001076-43-3	7
4	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	5





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Title : 508 Modified GC/MS scan
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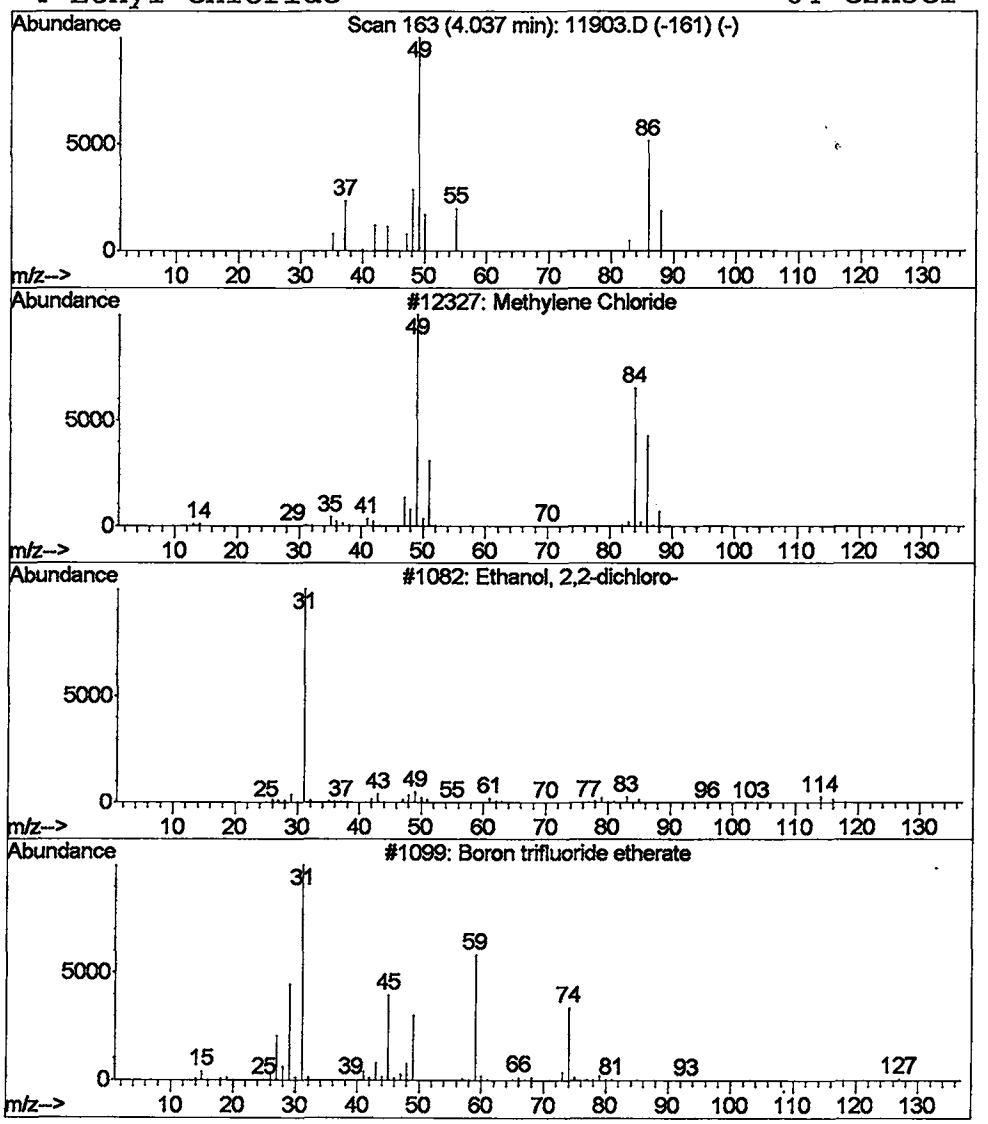
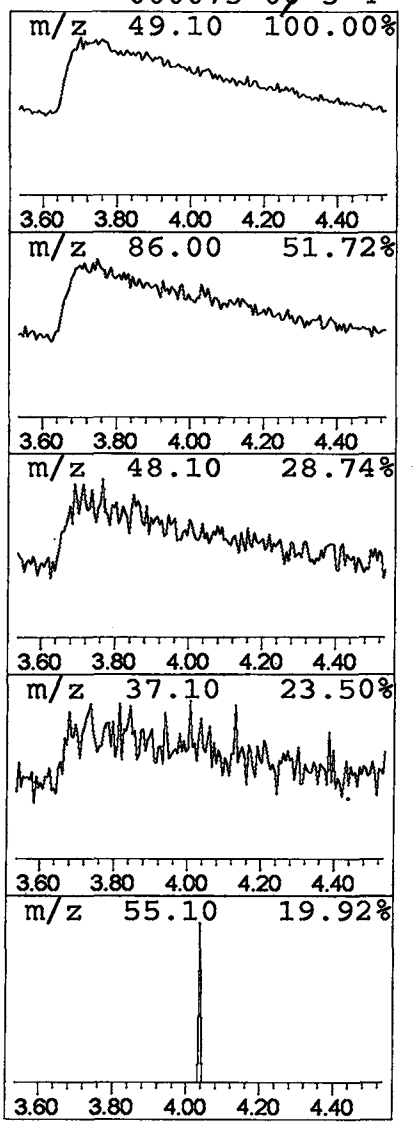
Peak Number 7 Methylene Chloride Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.04	0.61 ug/L	452154	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	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	9
3	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	4
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	4





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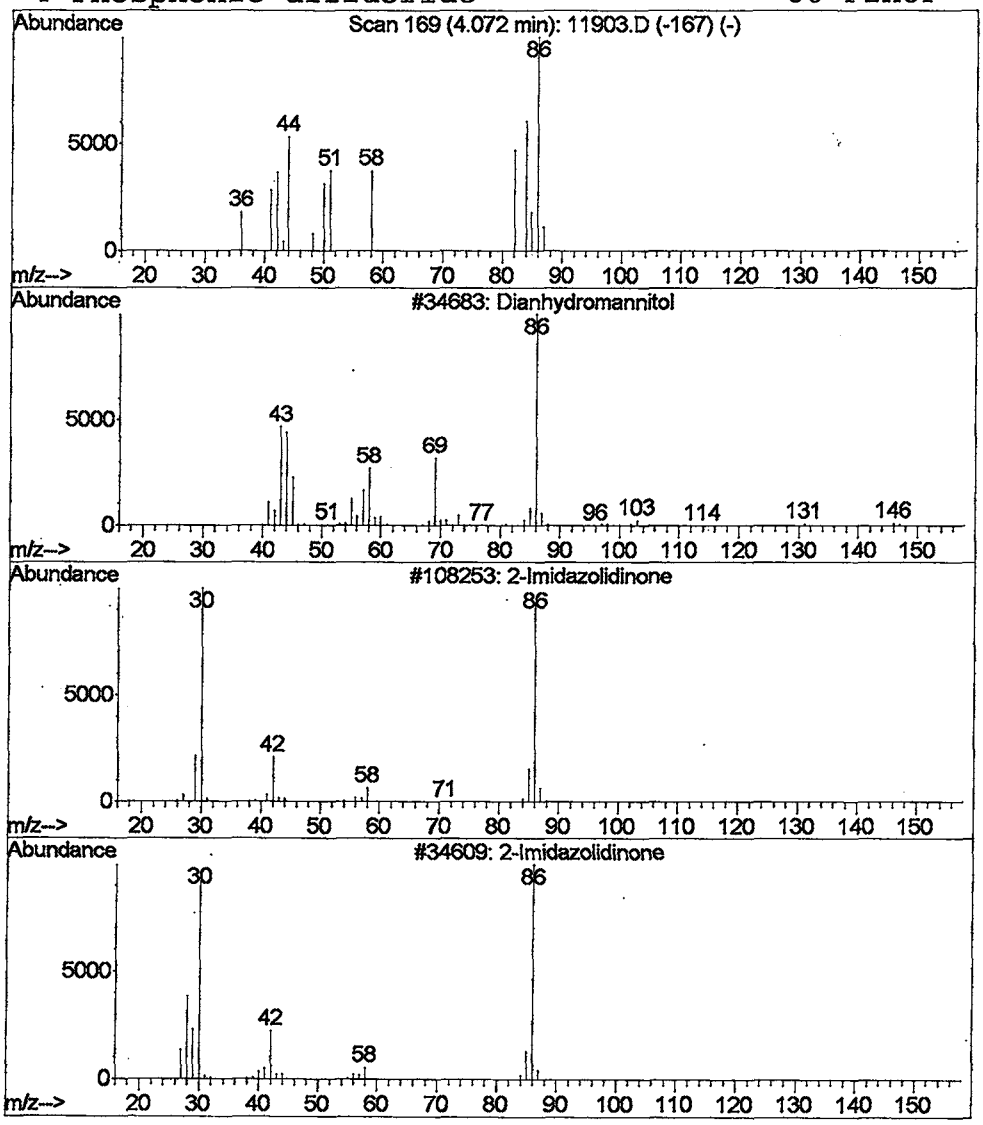
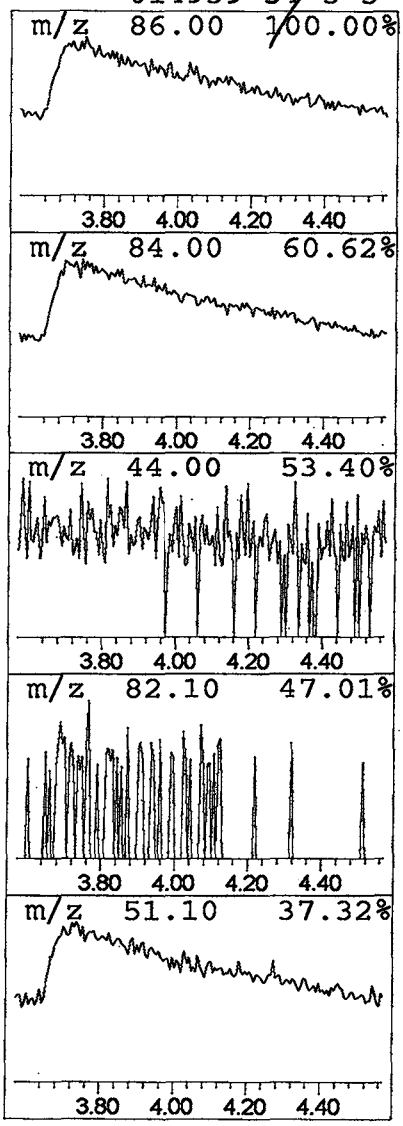
Peak Number 8 Dianhydromannitol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	0.45 ug/L	330935	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dianhydromannitol	146	C6H10O4	1000127-66-7	9
2	2-Imidazolidinone	86	C3H6N2O	000120-93-4	7
3	2-Imidazolidinone	86	C3H6N2O	000120-93-4	5
4	Phosphonic difluoride	86	F2HOP	014939-34-5	5





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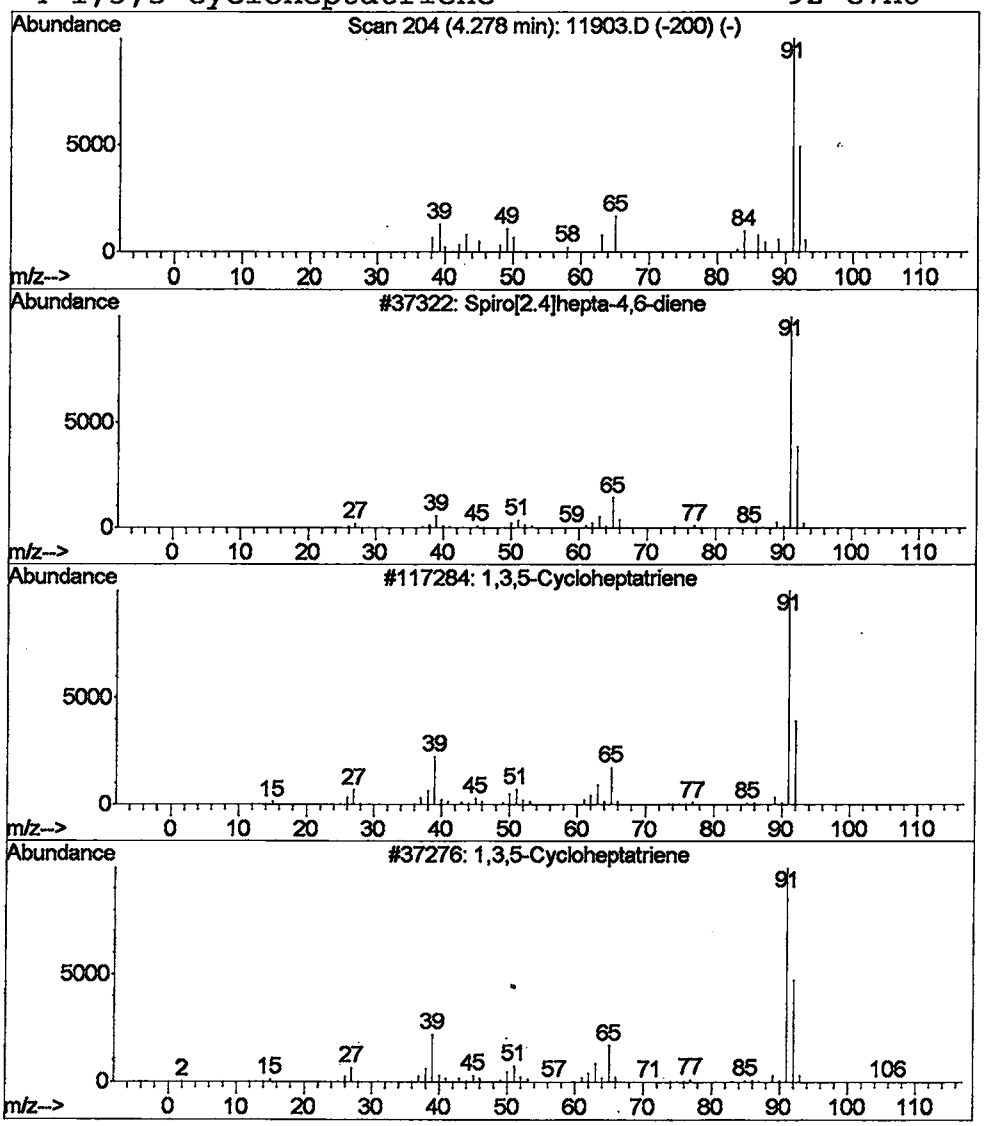
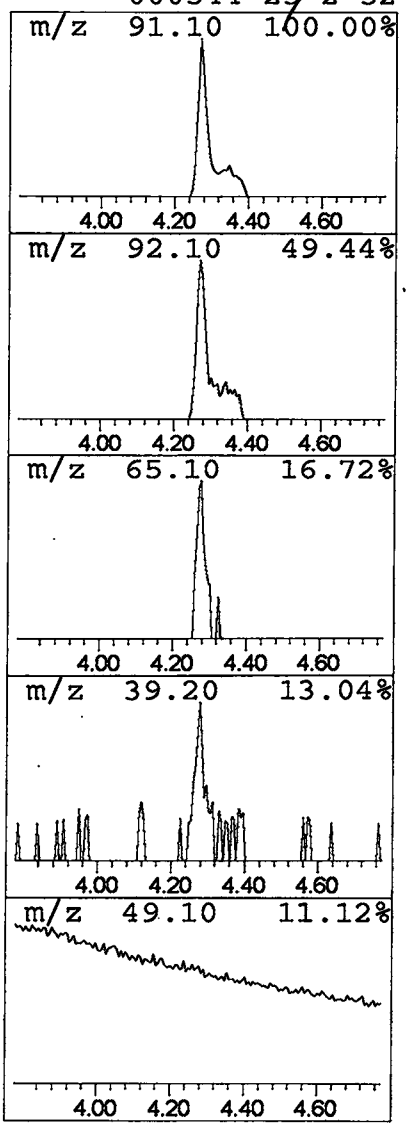
Peak Number 9 Spiro[2.4]hepta-4,6-diene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	1.16 ug/L	853908	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	53
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	52
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	52
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	52





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Library : C:\DATABASE\NIST98.L

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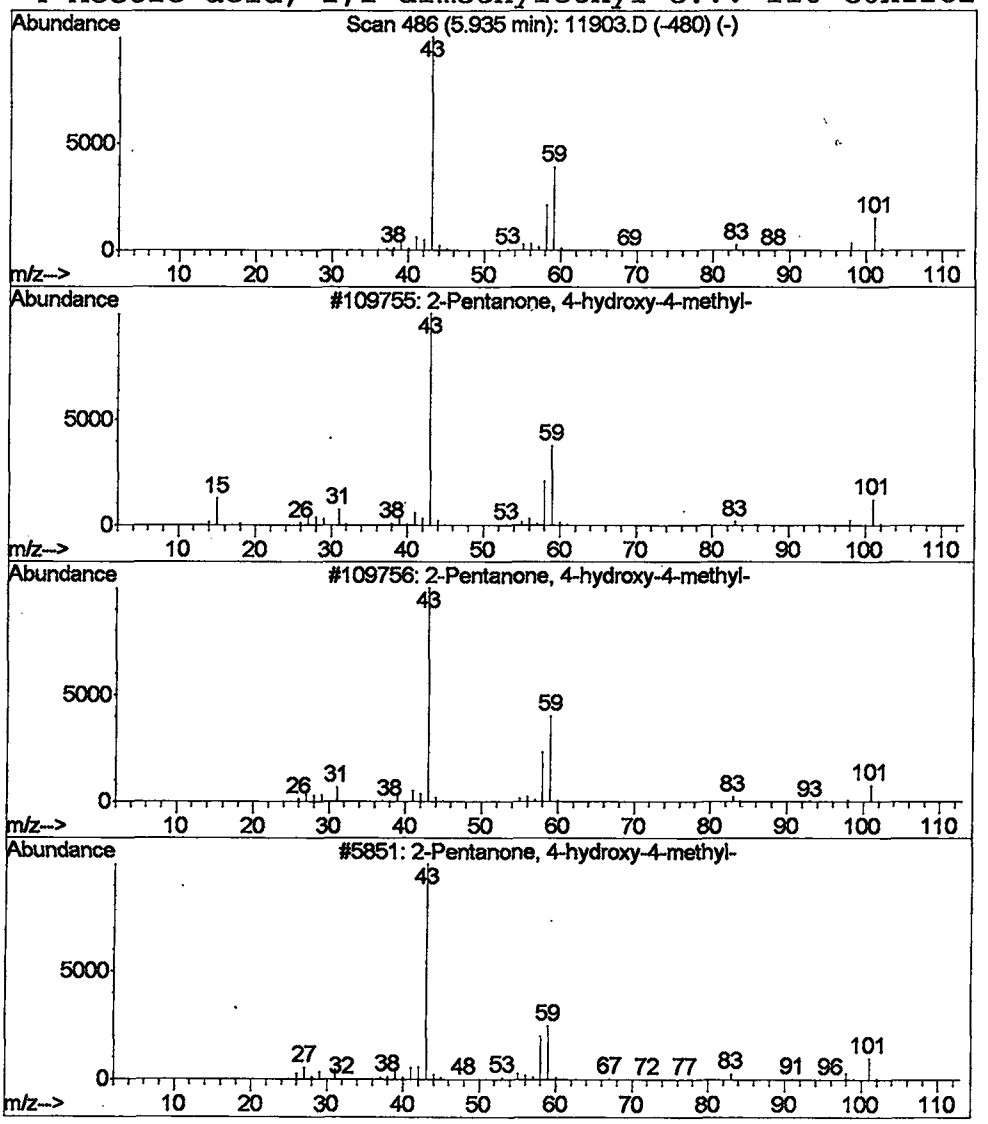
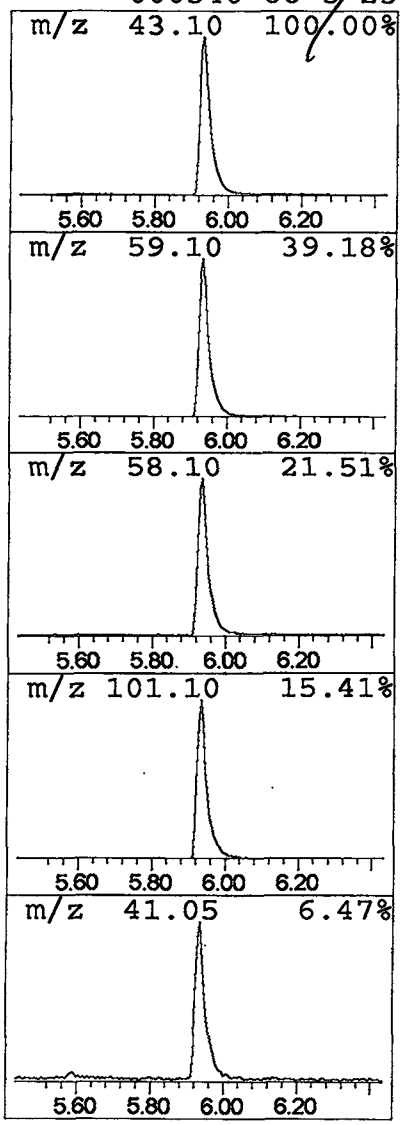
Peak Number 10 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	11.74 ug/L	8666520	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	72
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25





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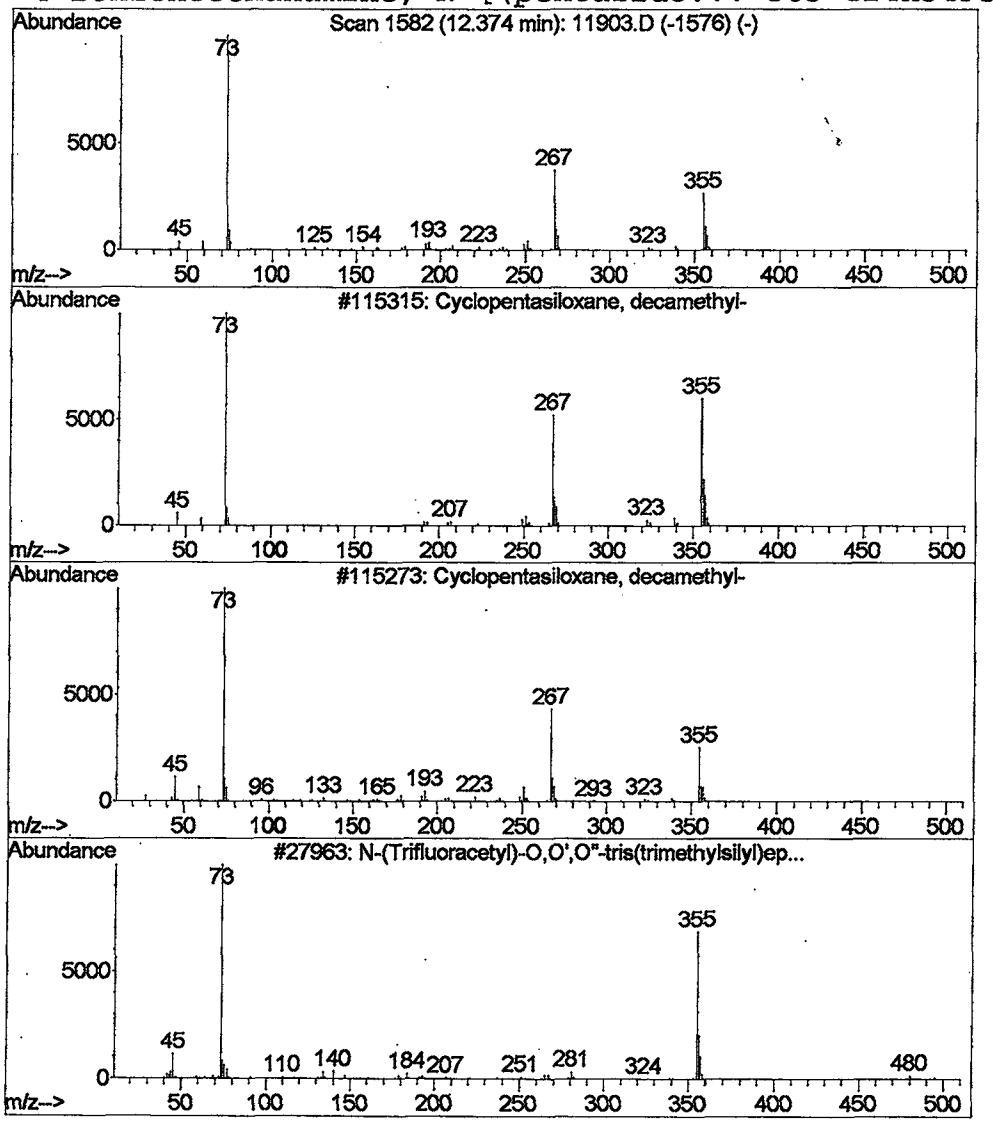
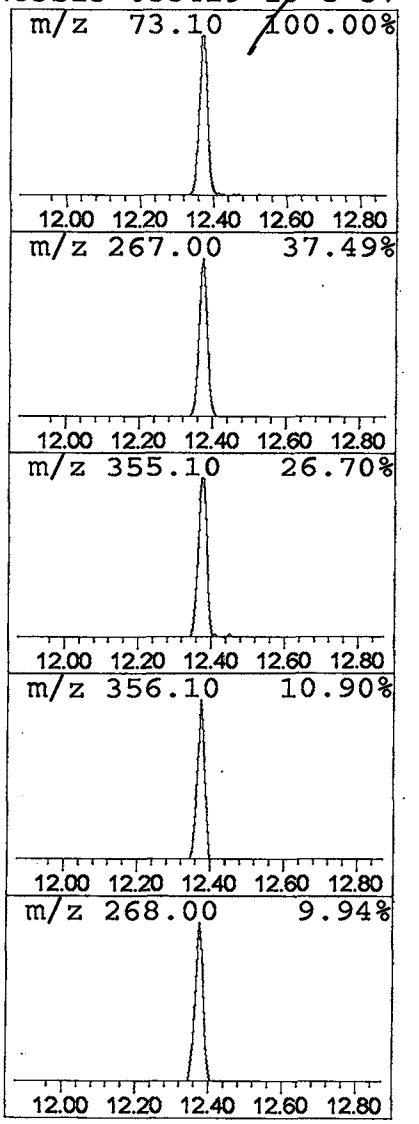
Peak Number 11 Cyclopentasiloxane, decamet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	1.26 ug/L	1256140	Napthalene-d8	13.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	58
3	N-(Trifluoracetyl)-O,O',O''-tris...	495	C20H36F3NO4Si3	054135-51-2	43
4	Benzeneethanamine, N-[(pentafluo...	563	C24H34F5NO3Si3	055429-13-5	37





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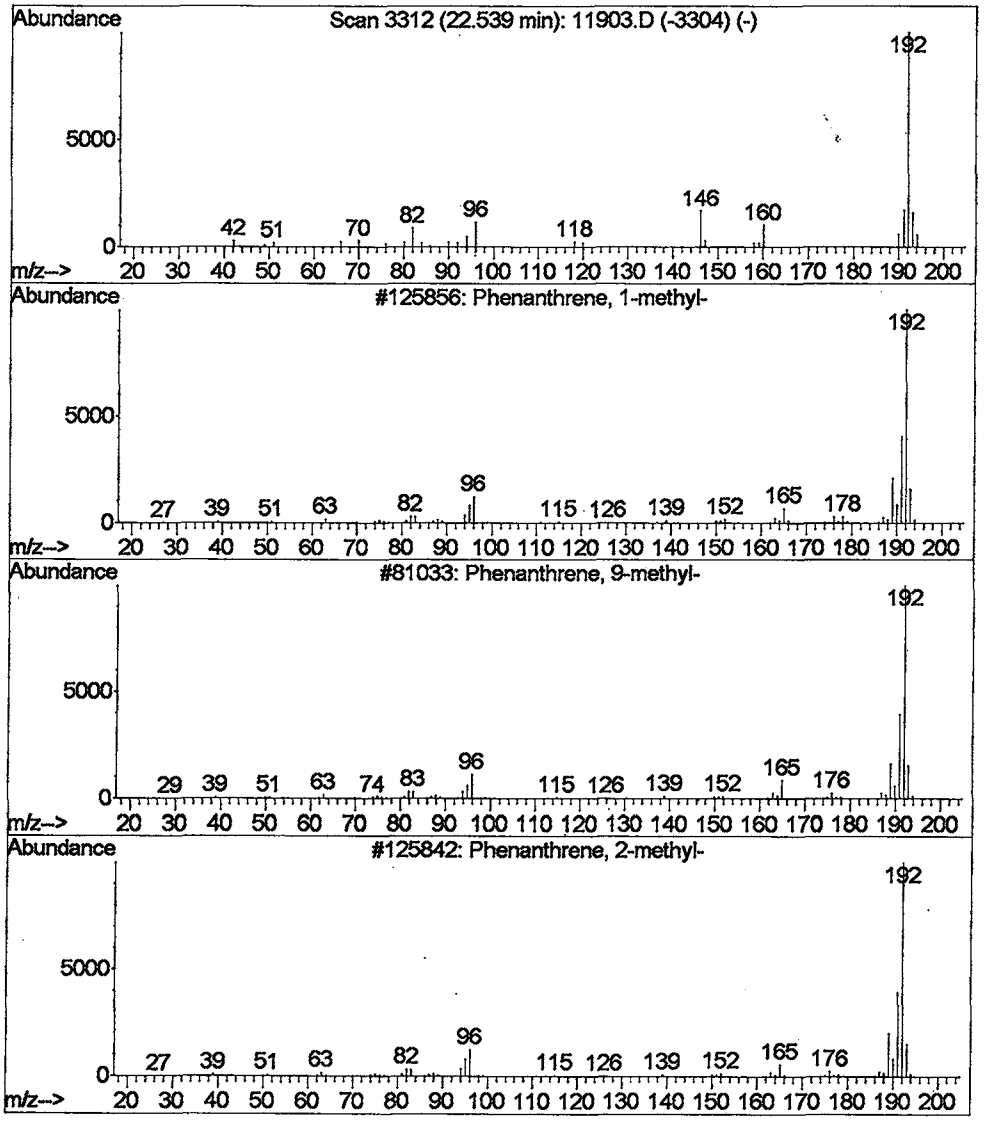
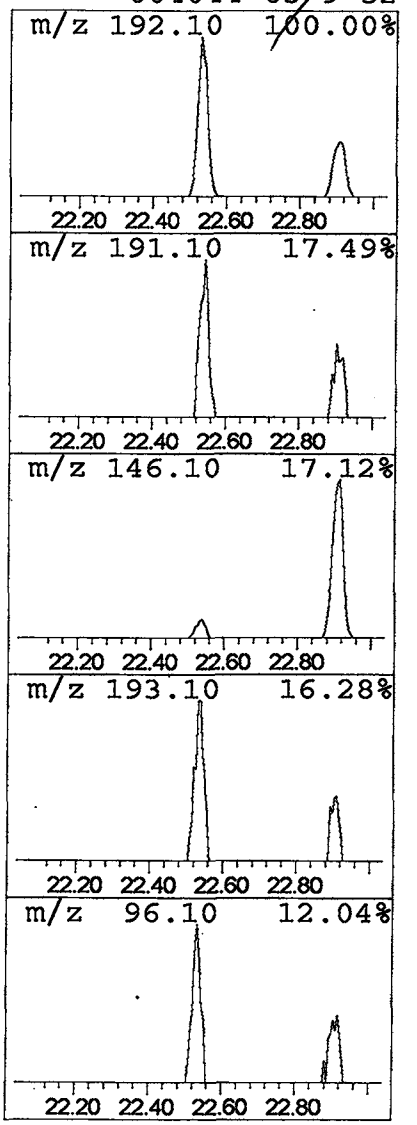
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	0.29 ug/L	326488	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53
4	Bitoscanate	192	C8H4N2S2	004044-65-9	52





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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
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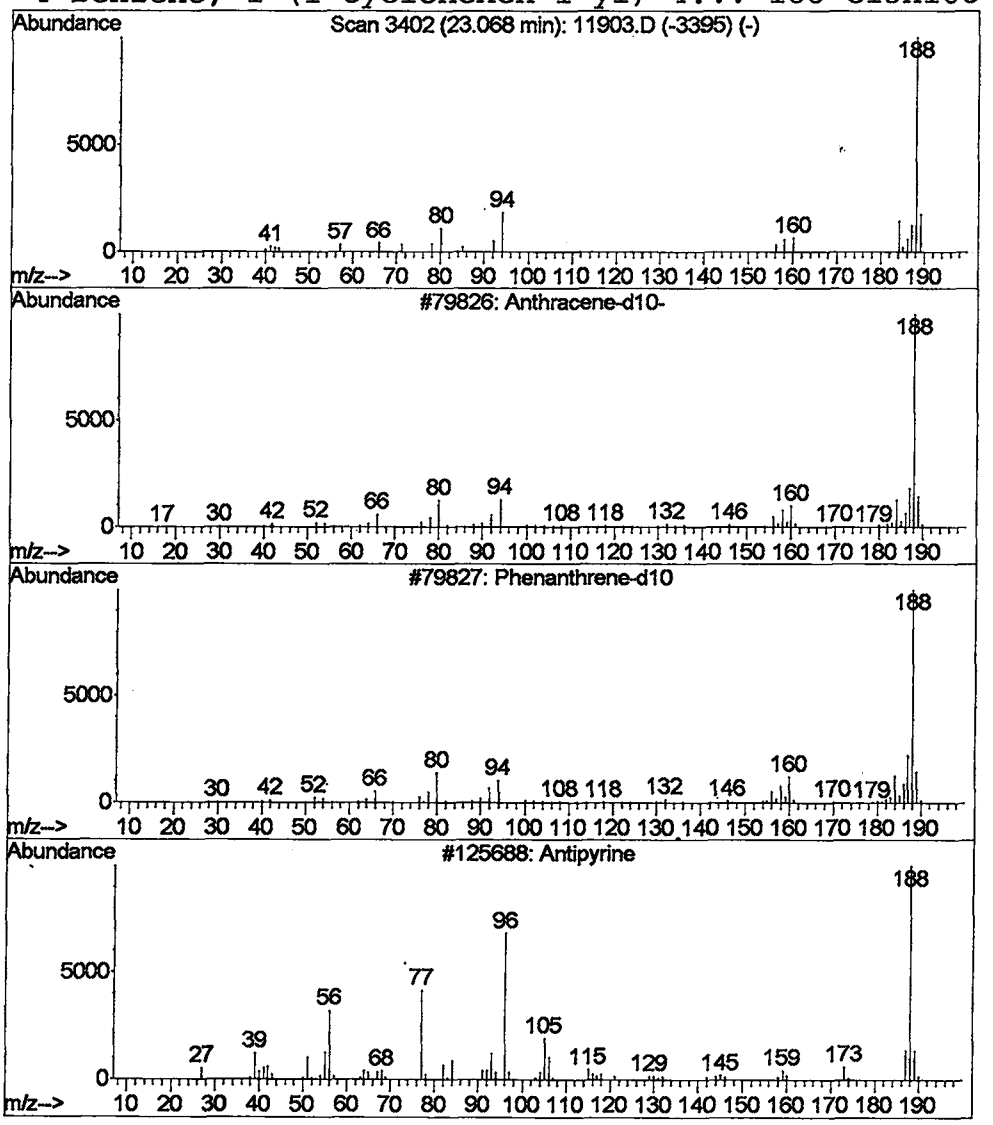
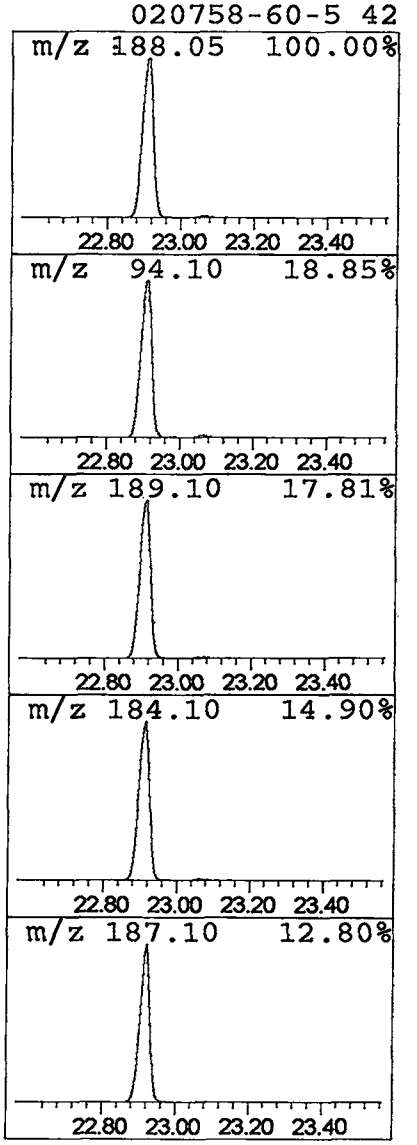
Peak Number 13 Anthracene-d10- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	0.27 ug/L	306264	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	95
2	Phenanthrene-d10	188	C14D10	001517-22-2	53
3	Antipyrine	188	C11H12N2O	000060-80-0	42
4	Benzene, 1-(1-cyclohexen-1-yl)-4...	188	C13H16O	020758-60-5	42





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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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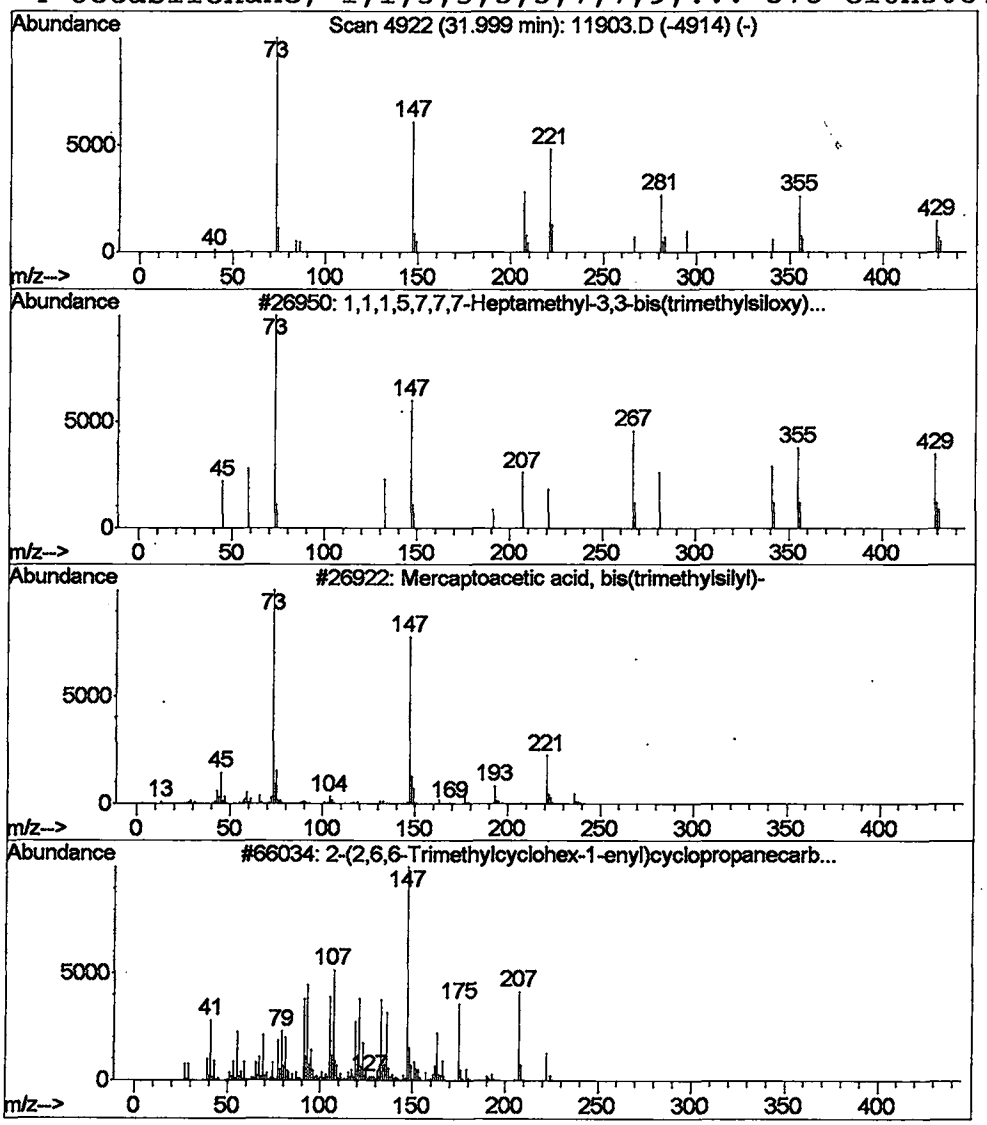
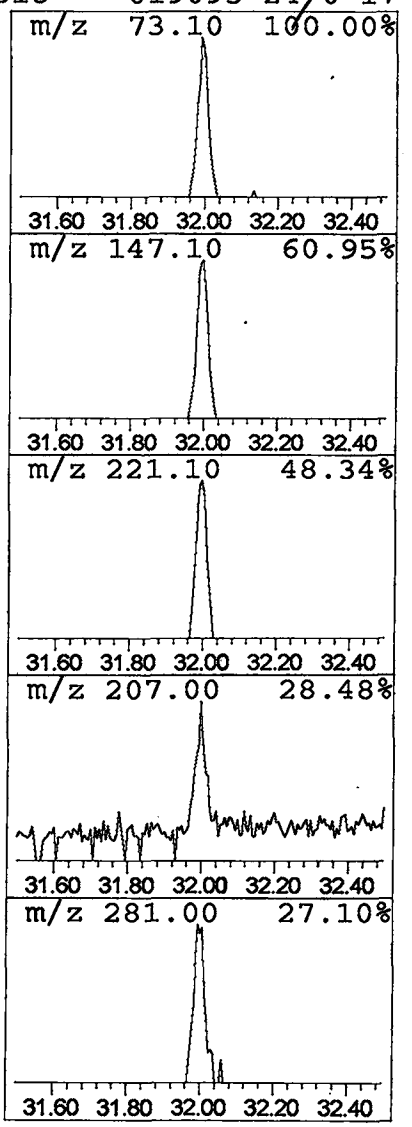
Peak Number 14 1,1,1,5,7,7,7-Heptamethyl-3... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.00	0.37 ug/L	308426	Chrysene-d12	30.76

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	47
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38
3	2-(2,6,6-Trimethylcyclohex-1-eny...	222	C14H22O2	1000185-64-1	22
4	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	17





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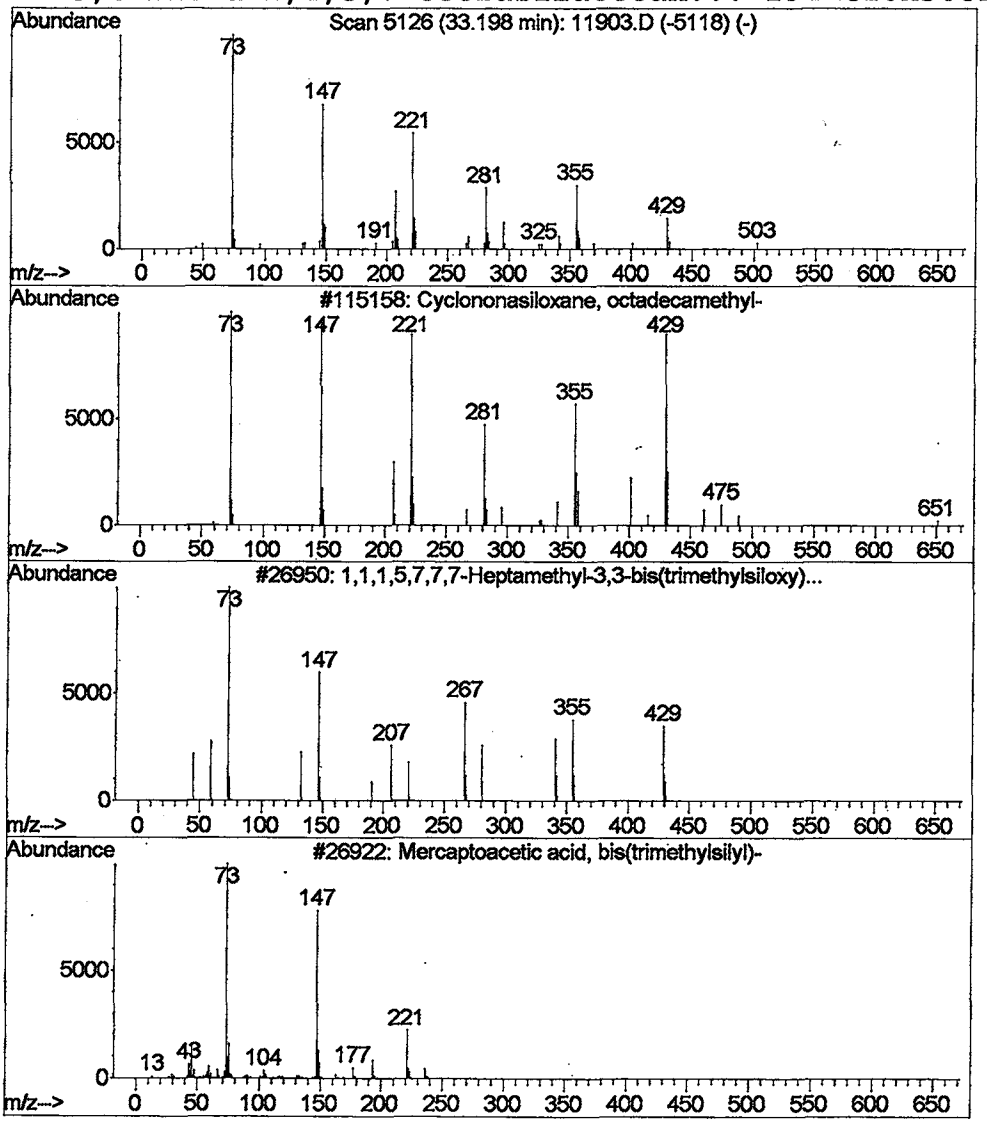
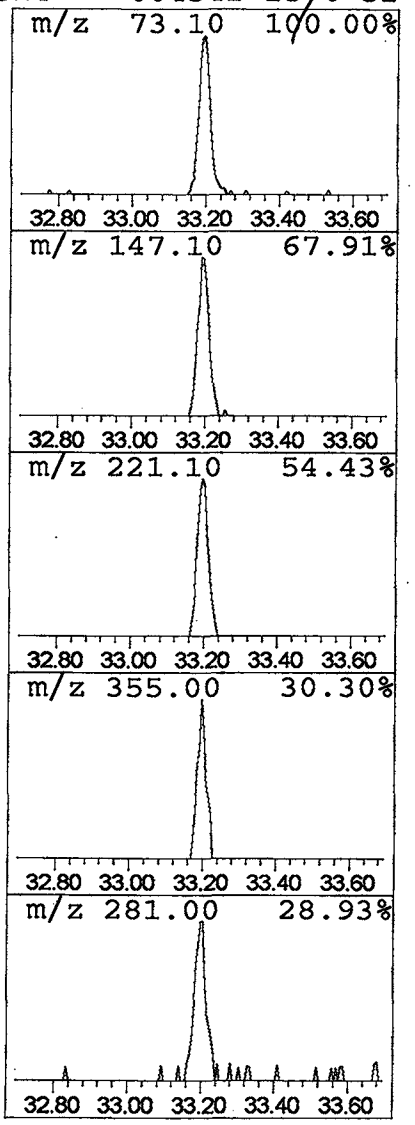
Peak Number 15 Cyclononasiloxane, octadeca... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.20	1.11 ug/L	629519	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	72
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	53
3	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	32
4	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	32





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

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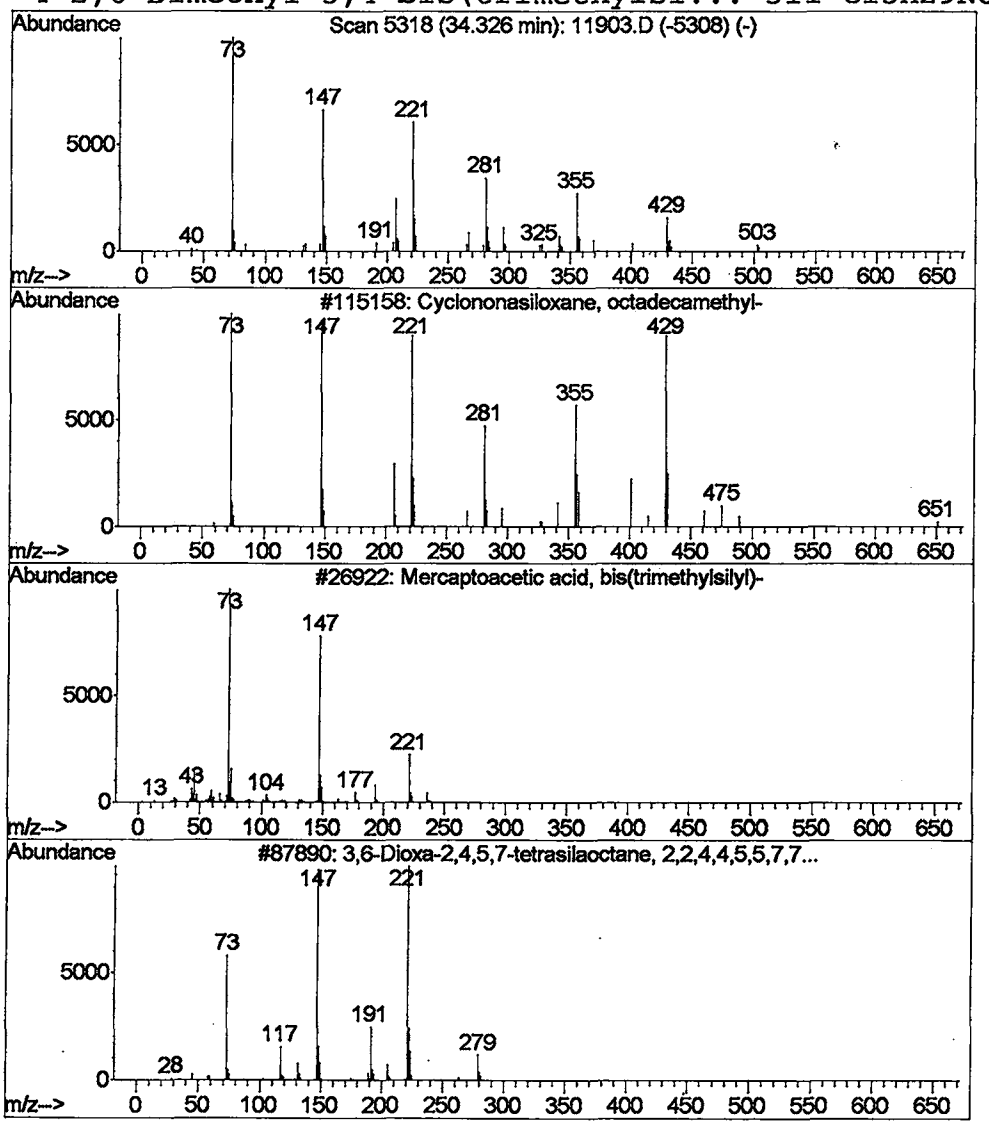
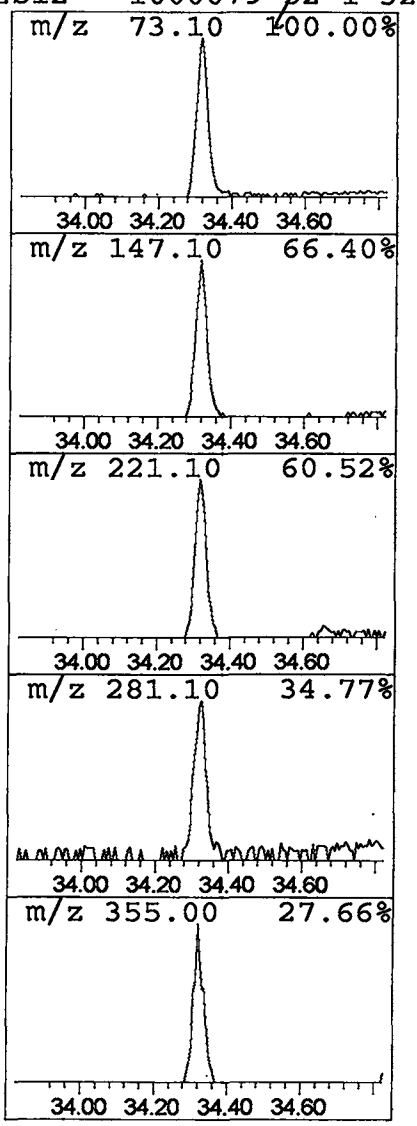
Peak Number 16 Cyclononasiloxane, octadeca... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.32	1.59 ug/L	903195	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	64
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
4	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	32





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

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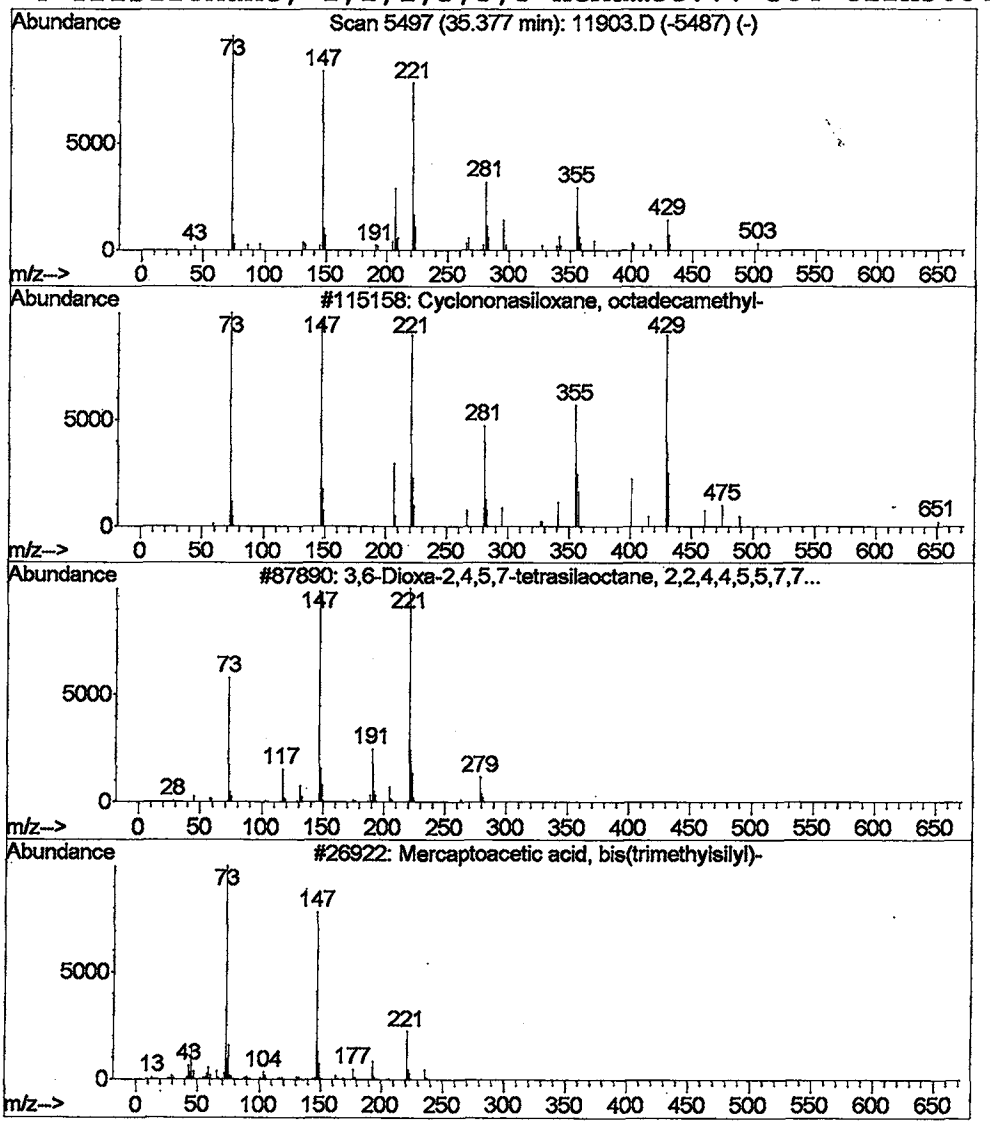
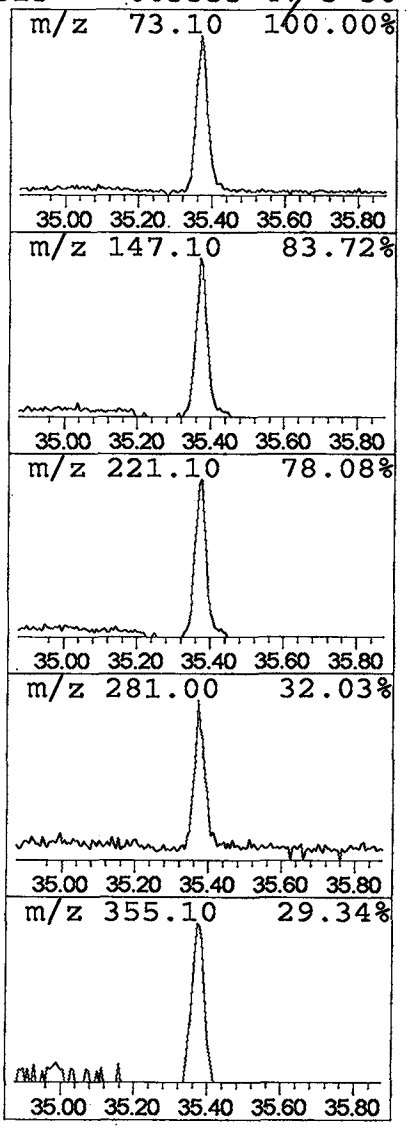
Peak Number 17 Cyclononasiloxane, octadeca... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.38	1.70 ug/L	961179	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	78
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	40
3	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	33
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	30





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Library : C:\DATABASE\NIST98.L

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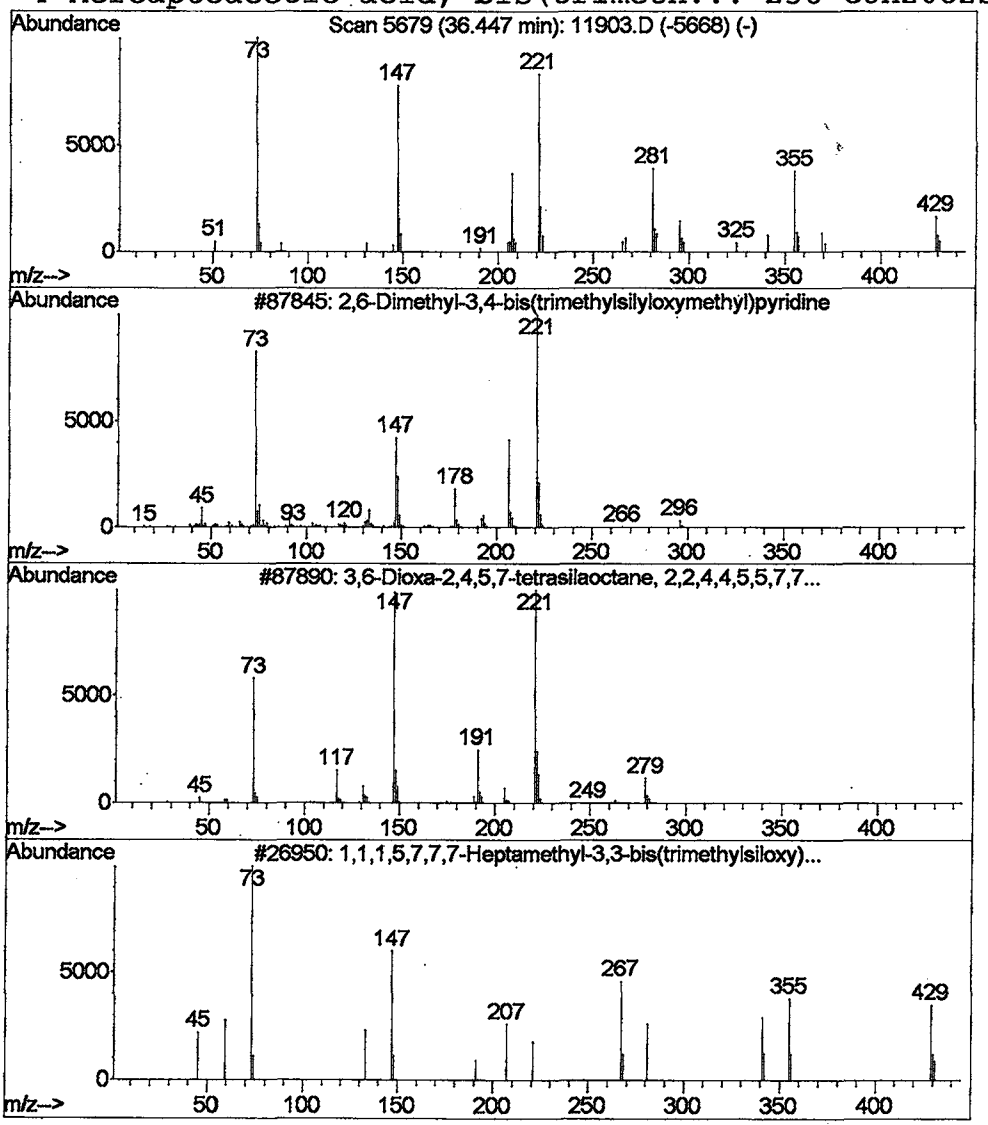
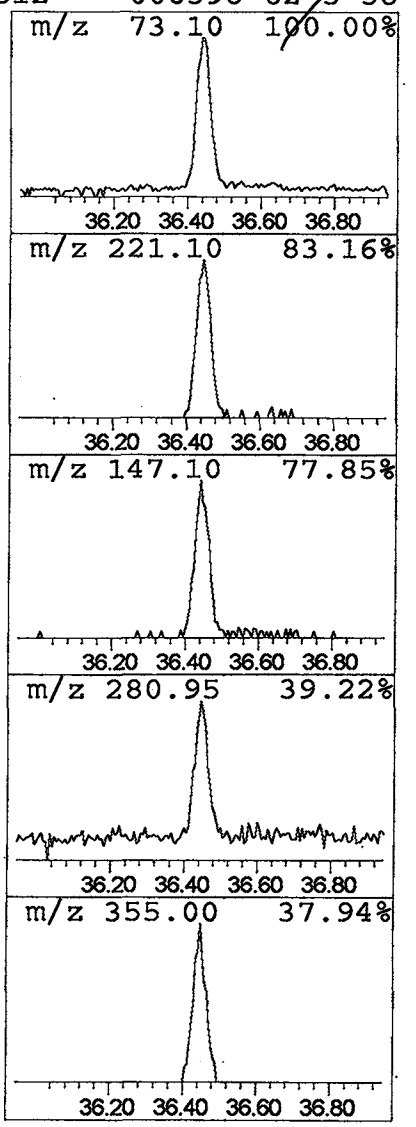
Peak Number 18 2,6-Dimethyl-3,4-bis(trimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.45	1.32 ug/L	745171	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	50
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	40
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	40
4	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38





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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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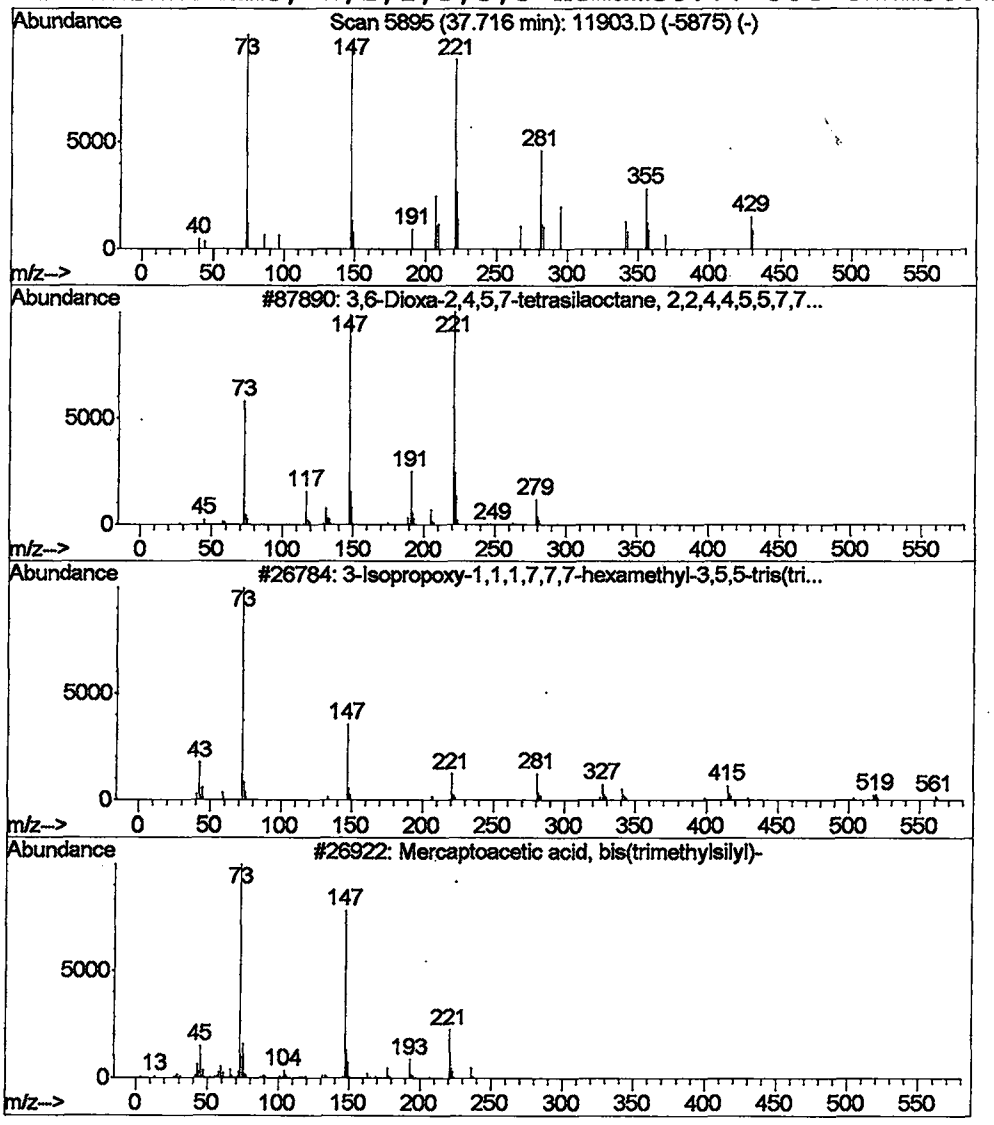
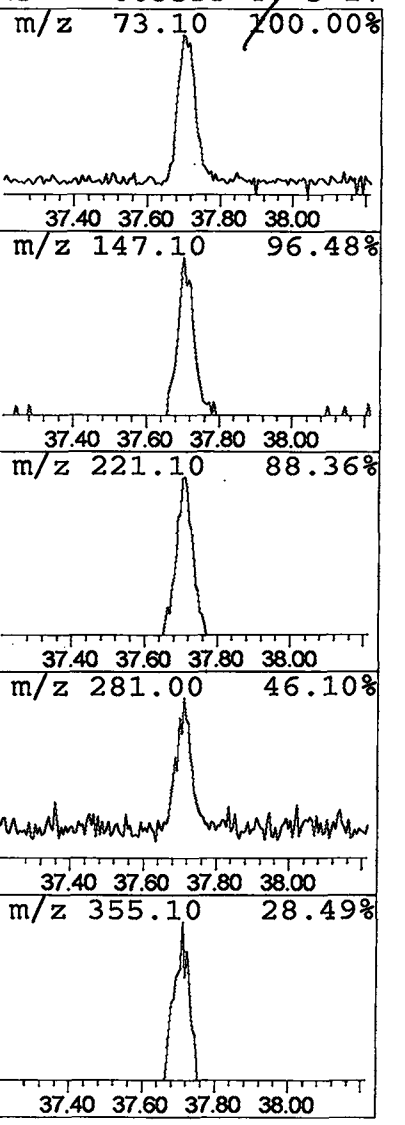
Peak Number 19 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.71	0.83 ug/L	472737	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	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	38
3	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	37
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\052202\11903.D Vial: 10
Acq On : 22 May 2002 9:09 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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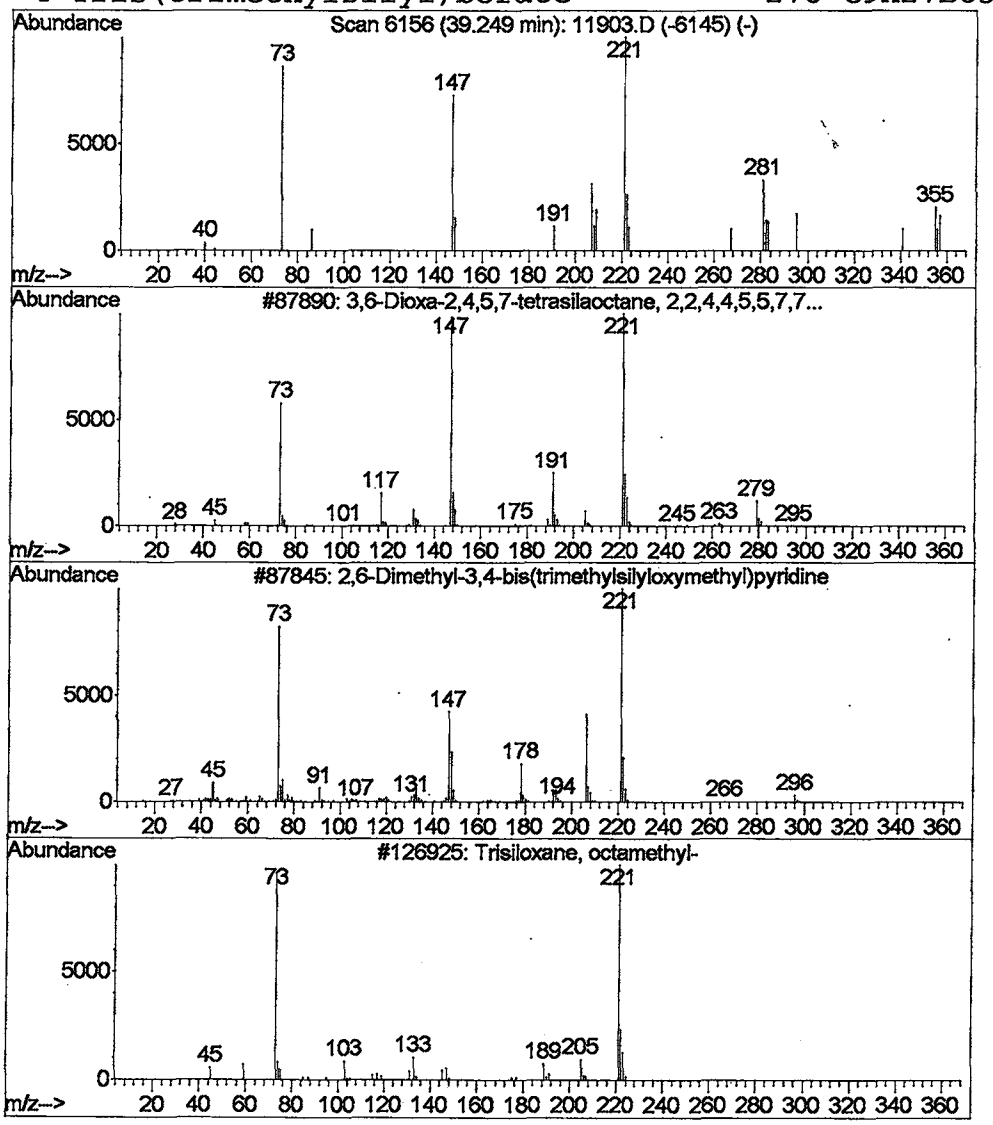
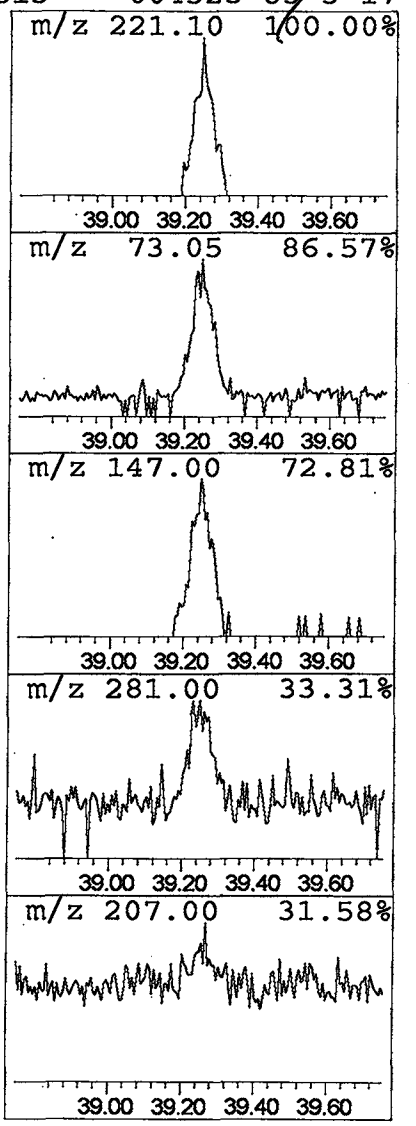
Peak Number 20 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.25	0.53 ug/L	302390	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	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	28
3	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	17
4	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	17





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 22 May 2002 9:09 pm
Data File: C:\MSDCHEM\1\DATA\052202\11903.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--- #	RT	Resp	Conc
Methylene Chloride	3.70	1.2	ug/L	890982	1	9.90	29516000	40.0
3-Penten-2-one	3.73	0.6	ug/L	447989	1	9.90	29516000	40.0
2-Amino-oxazole	3.75	1.9	ug/L	1403680	1	9.90	29516000	40.0
Methylene Chloride	3.82	1.2	ug/L	885644	1	9.90	29516000	40.0
Acetaldehyde, dim...	3.88	0.6	ug/L	424892	1	9.90	29516000	40.0
Krypton	3.91	1.7	ug/L	1262240	1	9.90	29516000	40.0
Methylene Chloride	4.04	0.6	ug/L	452154	1	9.90	29516000	40.0
Dianhydromannitol	4.07	0.4	ug/L	330935	1	9.90	29516000	40.0
Spiro[2.4]hepta-4...	4.28	1.2	ug/L	853908	1	9.90	29516000	40.0
2-Pentanone, 4-hy...	5.94	11.7	ug/L	8666520	1	9.90	29516000	40.0
Cyclopentasiloxan...	12.38	1.3	ug/L	1256140	2	13.40	39915100	40.0
Phenanthrene, 1-m...	22.54	0.3	ug/L	326488	4	22.91	45625500	40.0
Anthracene-d10-	23.07	0.3	ug/L	306264	4	22.91	45625500	40.0
1,1,1,5,7,7,7-Hep...	32.00	0.4	ug/L	308426	5	30.76	33625500	40.0
Cyclononasiloxane...	33.20	1.1	ug/L	629519	6	34.66	22654000	40.0
Cyclononasiloxane...	34.32	1.6	ug/L	903195	6	34.66	22654000	40.0
Cyclononasiloxane...	35.38	1.7	ug/L	961179	6	34.66	22654000	40.0
2,6-Dimethyl-3,4-...	36.45	1.3	ug/L	745171	6	34.66	22654000	40.0
3,6-Dioxa-2,4,5,7...	37.71	0.8	ug/L	472737	6	34.66	22654000	40.0
3,6-Dioxa-2,4,5,7...	39.25	0.5	ug/L	302390	6	34.66	22654000	40.0