User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/10/2002 Time: 11:24:32

Sample: AE12477
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/10/02 11:24 Ended: 6/10/02 11:24 Analyst: DLV
Page: 1

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

Comments for Sample AE12477 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-10-2002 Time: 11:24:58

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\12477.D Vial: 19
Acq On : 30 May 2002 12:45 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 03 11:37:42 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	3998635	40.00	ug/L	-0.01
10) Napthalene-d8	13.39	136	16182224	40.00	ug/L	-0.02
17) Acenapthalene-d10	18.53	164	8807641	40.00	ug/L	-0.01
29) Phenanthranene-d10	22.91	188	13619984	40.00	ug/L	-0.01
37) Chrysene-d12	30.76	240	8225094	40.00	ug/L	-0.05
43) Perylene-d12	34.65	264	4239409	40.00	ug/L	-0.03
System Monitoring Compounds						
27) TCMX	20.50	209	1809013	34.05	ug/L	-0.01
Spiked Amount 40.000			Recovery = 85.13%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	0.00	74	0	N.D. d		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'oxybis(1-Chloropropane	0.00	45	0	N.D.		
8) N-nitroso-di-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Napthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) 2-Chloronaphthalene	0.00	162	0	N.D.		
19) Dimethylphthalate	0.00	163	0	N.D.		
20) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
21) Acenapthylene	0.00	152	0	N.D.		
22) Acenapthalene	0.00	153	0	N.D.		
23) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
24) Diethylphthalate	0.00	149	0	N.D.		
25) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
26) Fluorene	0.00	166	0	N.D.		
28) Azobenzene	20.50	77	30523	N.D.		
30) Nnitrosodiphenylamine	20.50	169	34884	0.25	ug/L #	62
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	204121	0.50	ug/L #	98

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

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Title : 508 Modified GC/MS scan
Last Update : Mon Jun 03 11:32:09 2002
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	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	31.33	149	41892	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 12:45 am Operator: McLean
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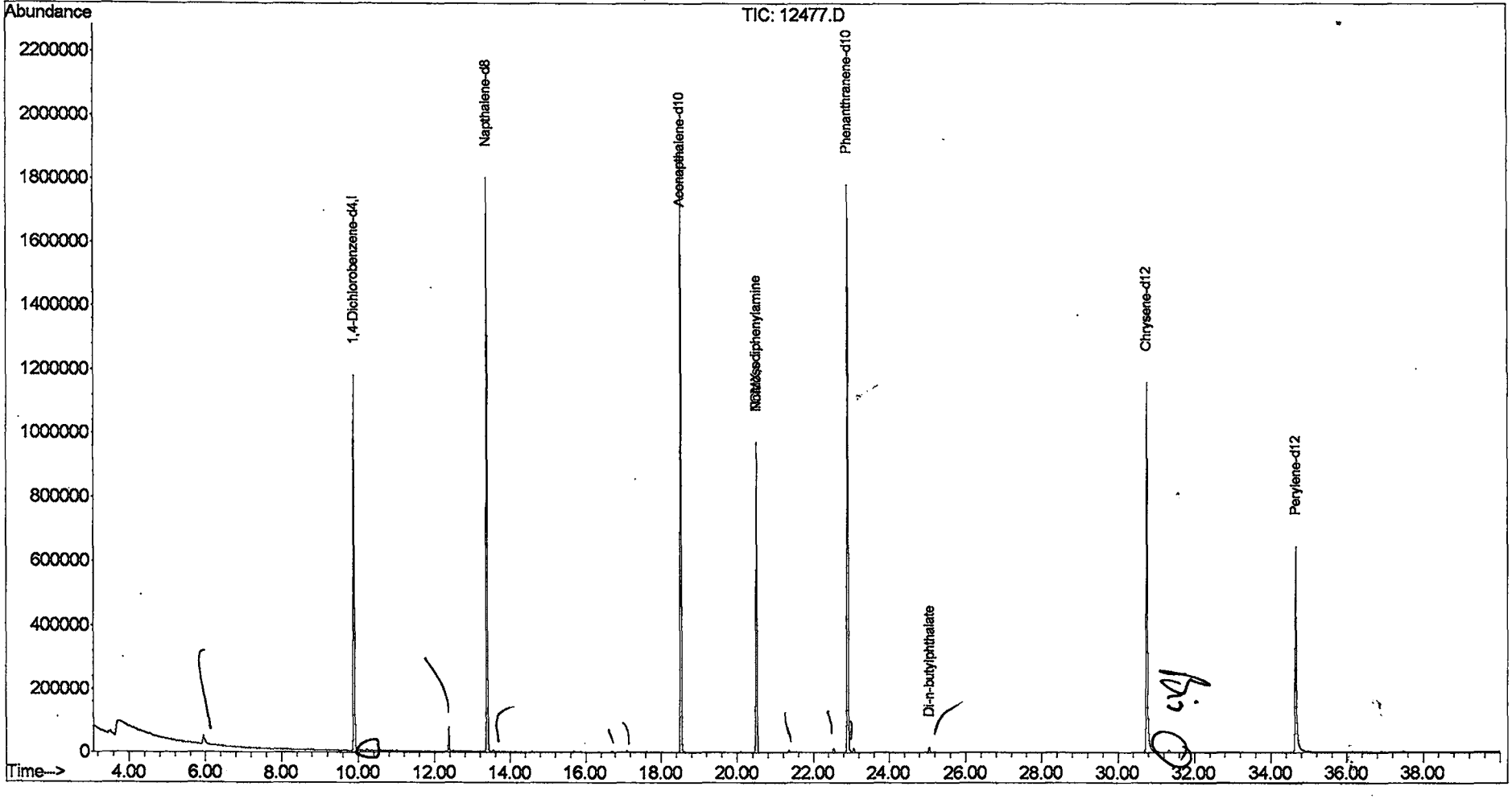
MS Integration Params: EVENTS.E
Quant Time: Jun 3 11:37 2002 Quant Results File: 052202.RES

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\12477.D Vial: 19
Acq On : 30 May 2002 12:45 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

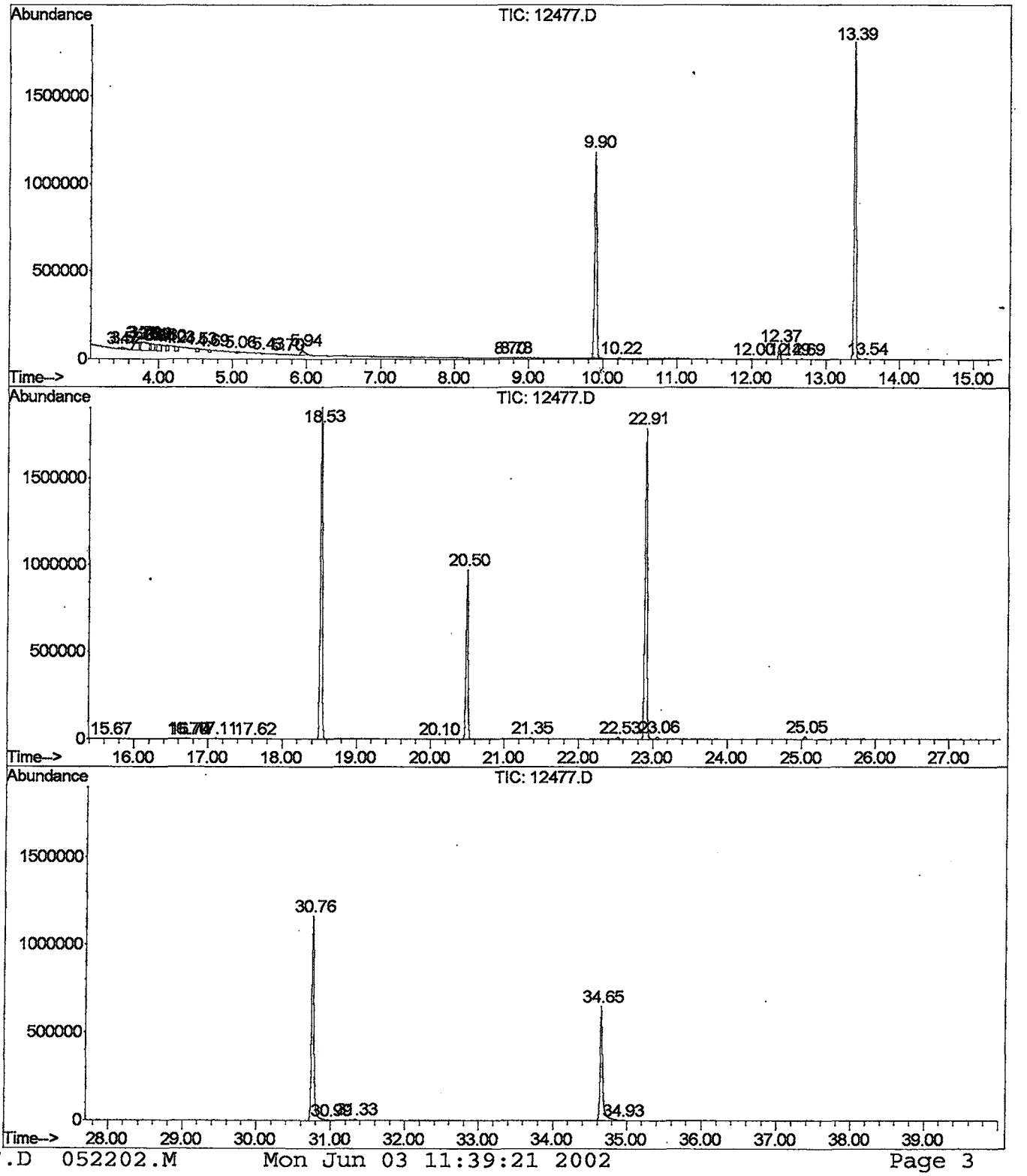
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.467	63	66	70	PV 6	6758	110934	0.30%	0.054%
2	3.520	70	75	79	VV 4	11477	205417	0.56%	0.100%
3	3.731	93	111	112	PV 7	46532	2073914	5.61%	1.011%
4	3.743	112	113	115	VV 2	46405	506333	1.37%	0.247%
5	3.767	115	117	135	VV 7	45865	3003333	8.12%	1.464%
6	3.884	135	137	139	VV 3	38921	459822	1.24%	0.224%
7	3.902	139	140	147	VV 5	39200	1114121	3.01%	0.543%
8	3.955	147	149	152	VV 4	35408	568539	1.54%	0.277%
9	3.978	152	153	164	VV 3	34703	1382250	3.74%	0.674%
10	4.107	173	175	180	VV 3	31797	779708	2.11%	0.380%
11	4.225	193	195	202	VV 6	25552	732929	1.98%	0.357%
12	4.525	242	246	250	VV 5	18961	477832	1.29%	0.233%
13	4.689	271	274	278	VV 5	12402	272588	0.74%	0.133%
14	5.059	334	337	342	VV 5	7206	151812	0.41%	0.074%
15	5.435	395	401	409	VV 9	3184	99353	0.27%	0.048%
16	5.700	445	446	452	PV 5	1789	24914	0.07%	0.012%
17	5.947	479	488	505	PV	27984	956371	2.58%	0.466%
18	8.702	951	957	961	PV 6	2001	32128	0.09%	0.016%
19	8.779	968	970	982	VV 7	2557	76114	0.21%	0.037%
20	9.895	1148	1160	1176	PV	1179081	24094447	65.12%	11.742%
21	10.224	1209	1216	1227	PV 5	3784	65428	0.18%	0.032%
22	12.004	1512	1519	1524	PV 5	2112	37410	0.10%	0.018%
23	12.374	1571	1582	1590	VV	75653	1186384	3.21%	0.578%
24	12.492	1595	1602	1610	VV 5	2658	60299	0.16%	0.029%
25	12.686	1628	1635	1641	PV 3	2187	40218	0.11%	0.020%
26	13.391	1743	1755	1775	PV	1795941	32794840	88.63%	15.981%
27	13.544	1775	1781	1791	VV 2	4288	83627	0.23%	0.041%
28	15.677	2137	2144	2171	VV 7	2201	69990	0.19%	0.034%
29	16.705	2308	2319	2322	PV	3085	49645	0.13%	0.024%
30	16.734	2322	2324	2329	VV 4	2477	39760	0.11%	0.019%
31	17.104	2381	2387	2395	VB 5	4405	72614	0.20%	0.035%
32	17.621	2470	2475	2480	VV 5	2456	35152	0.10%	0.017%
33	18.526	2615	2629	2649	PV	1914004	36212609	97.87%	17.647%
34	20.101	2885	2897	2906	VV 4	2609	52821	0.14%	0.026%
35	20.500	2950	2965	2973	PV	973206	18001497	48.65%	8.772%
36	21.352	3102	3110	3118	VV 7	6930	111447	0.30%	0.054%
37	22.533	3303	3311	3321	PV 2	11243	218679	0.59%	0.107%

38	22.909	3363	3375	3395	PV	2	1791738	37000054	100.00%	18.031%
39	23.062	3395	3401	3413	VV	2	13783	283820	0.77%	0.138%
40	25.048	3729	3739	3753	PV		16391	330050	0.89%	0.161%
41	30.753	4699	4710	4749	PV	2	1147022	25527428	68.99%	12.440%
42	30.988	4749	4750	4756	VV	4	3064	60093	0.16%	0.029%
43	31.335	4797	4809	4827	VV	5	8114	204132	0.55%	0.099%
44	34.655	5360	5374	5419	PV		638464	15538423	42.00%	7.572%
45	34.931	5419	5421	5423	VV	3	677	5839	0.02%	0.003%

Sum of corrected areas: 205205119

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052902\12477.D
Operator : McLean
Acquired : 30 May 2002 12:45 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: gc/ms scan 5/28
Misc Info :
Vial Number: 19
Quant File :052202.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\12477.D Vial: 19
Acq On : 30 May 2002 12:45 am Operator: McLean
Sample : gc/ms scan 5/28 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

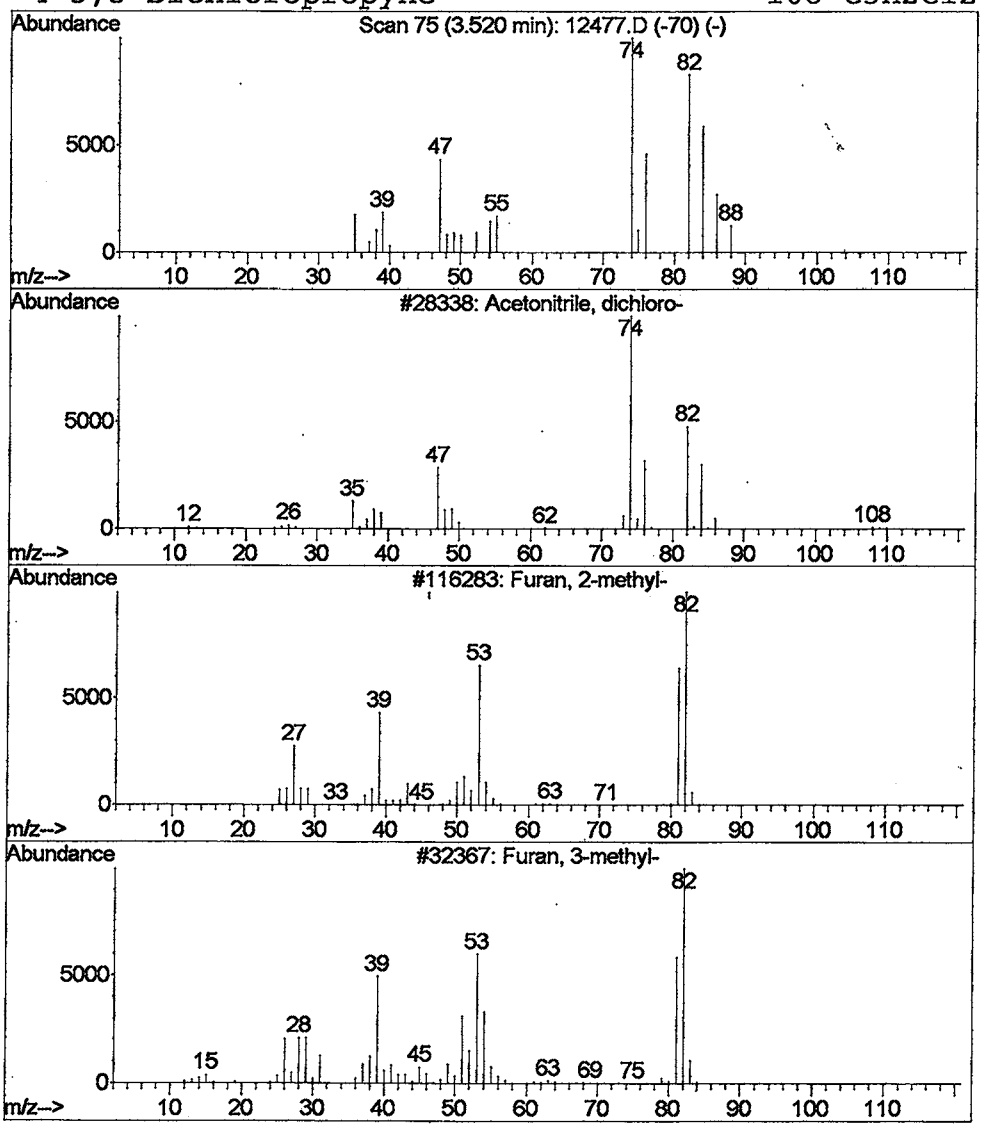
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

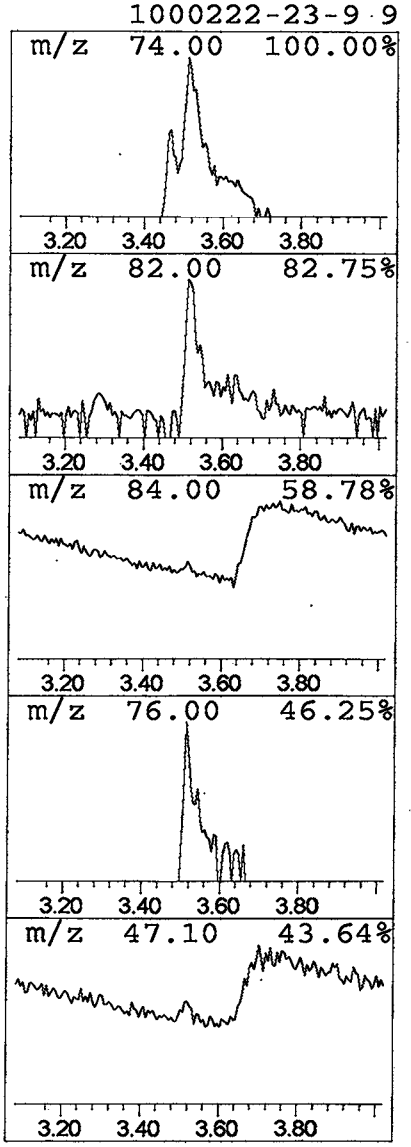
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.52	0.34 ug/L	205417	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	50
2	Furan, 2-methyl-	82	C5H6O	000534-22-5	10
3	Furan, 3-methyl-	82	C5H6O	000930-27-8	9
4	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	9





Library Search Compound Report

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Acq On : 30 May 2002 12:45 am Operator: McLean
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Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

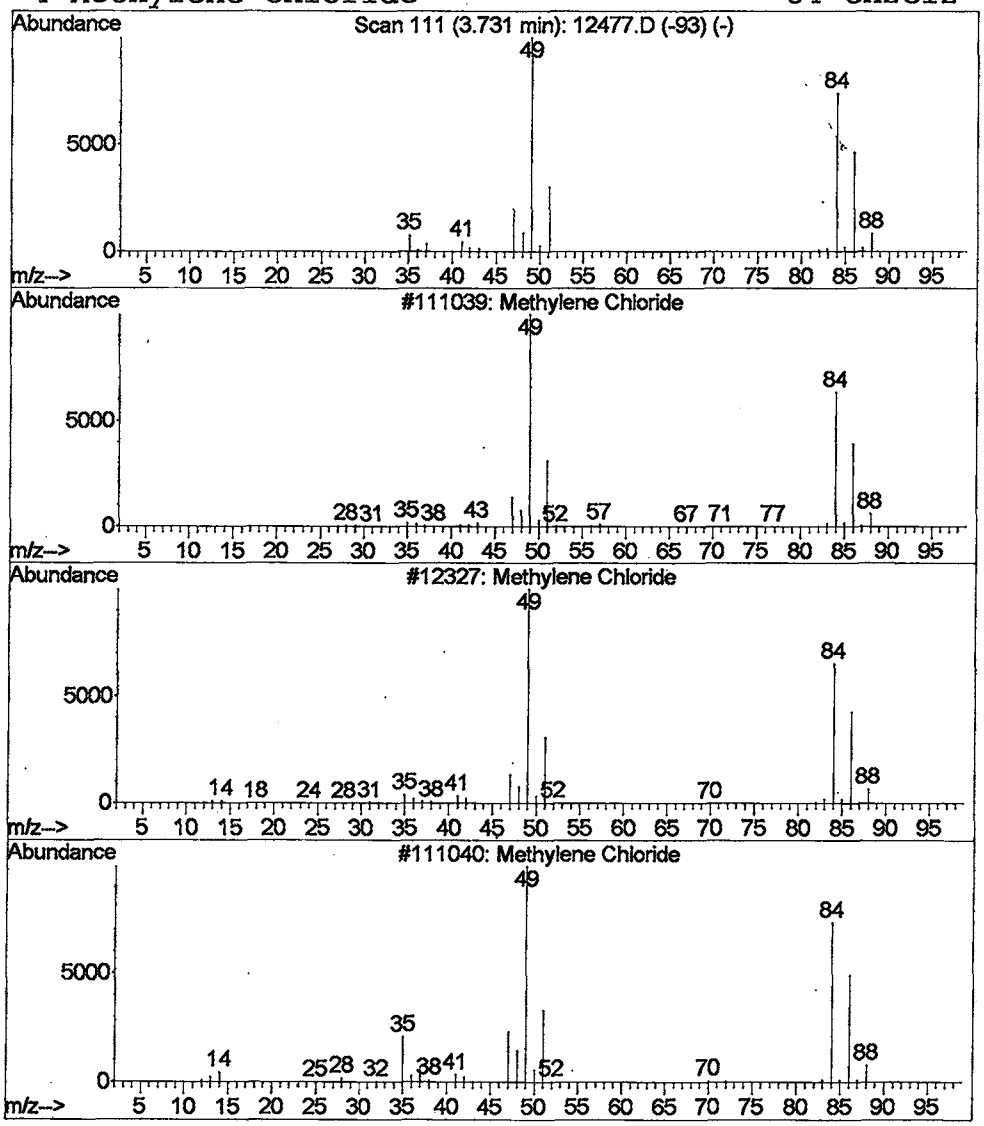
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

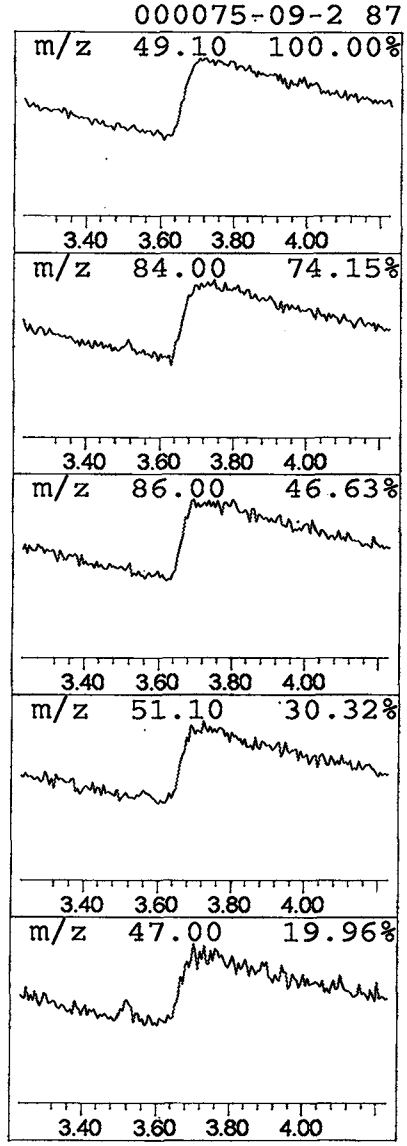
****

Peak Number 2 Methylene Chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	3.44 ug/L	2073910	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	91
2	Methylene Chloride	84	CH2Cl2	000075-09-2	91
3	Methylene Chloride	84	CH2Cl2	000075-09-2	90
4	Methylene Chloride	84	CH2Cl2	000075-09-2	87





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Acq On : 30 May 2002 12:45 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)
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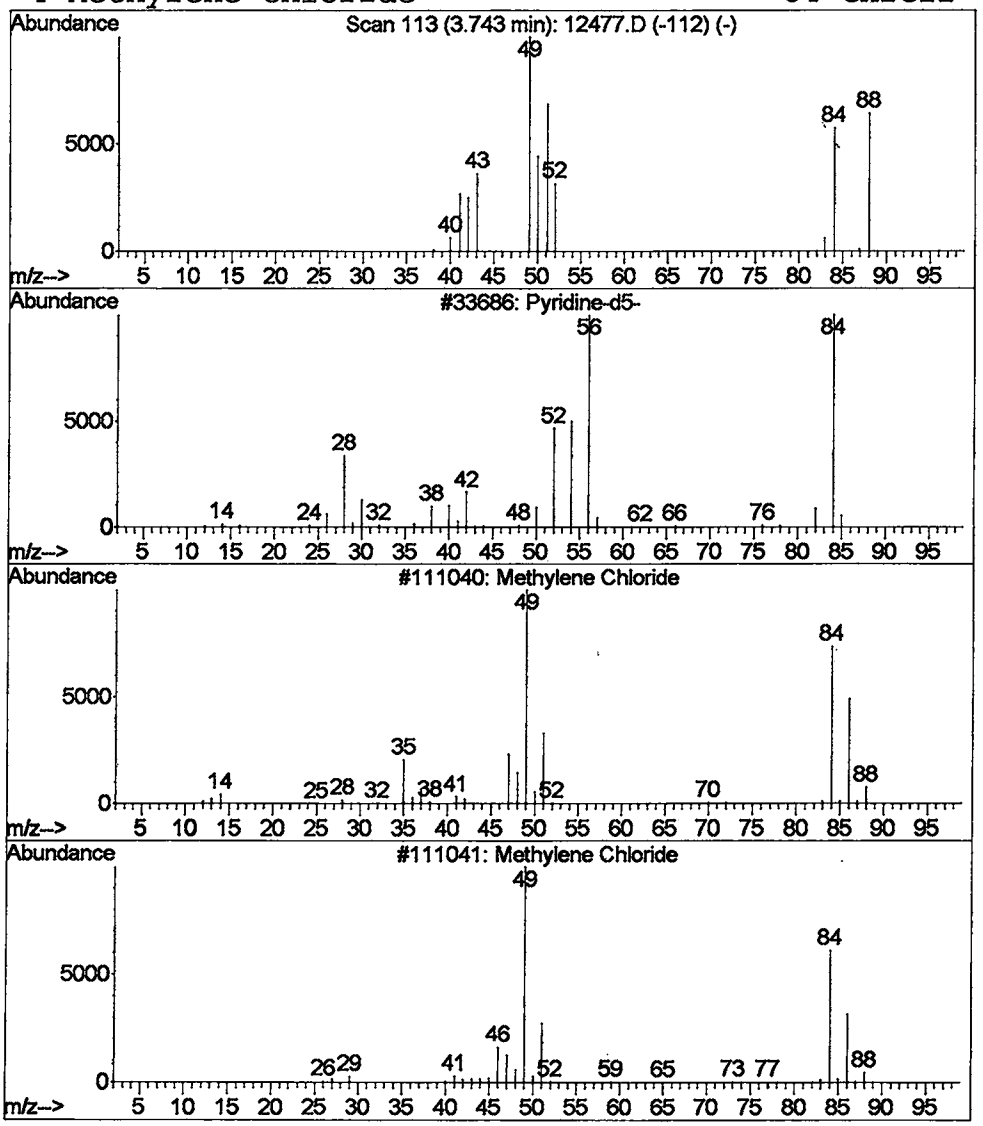
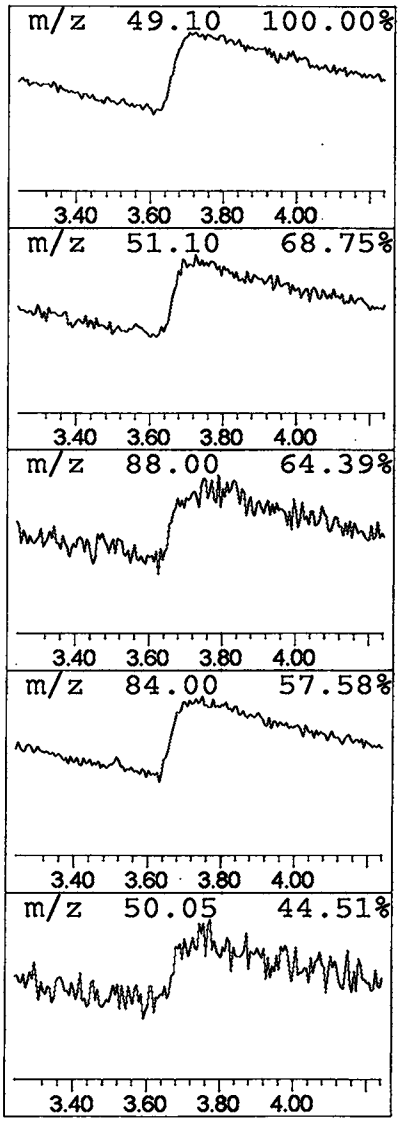
Peak Number 3 Pyridine-d5- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	0.84 ug/L	506333	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-d5-	84	C5D5N	007291-22-7	9
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	7





Library Search Compound Report

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Sample : gc/ms scan 5/28 Inst : Instrumen
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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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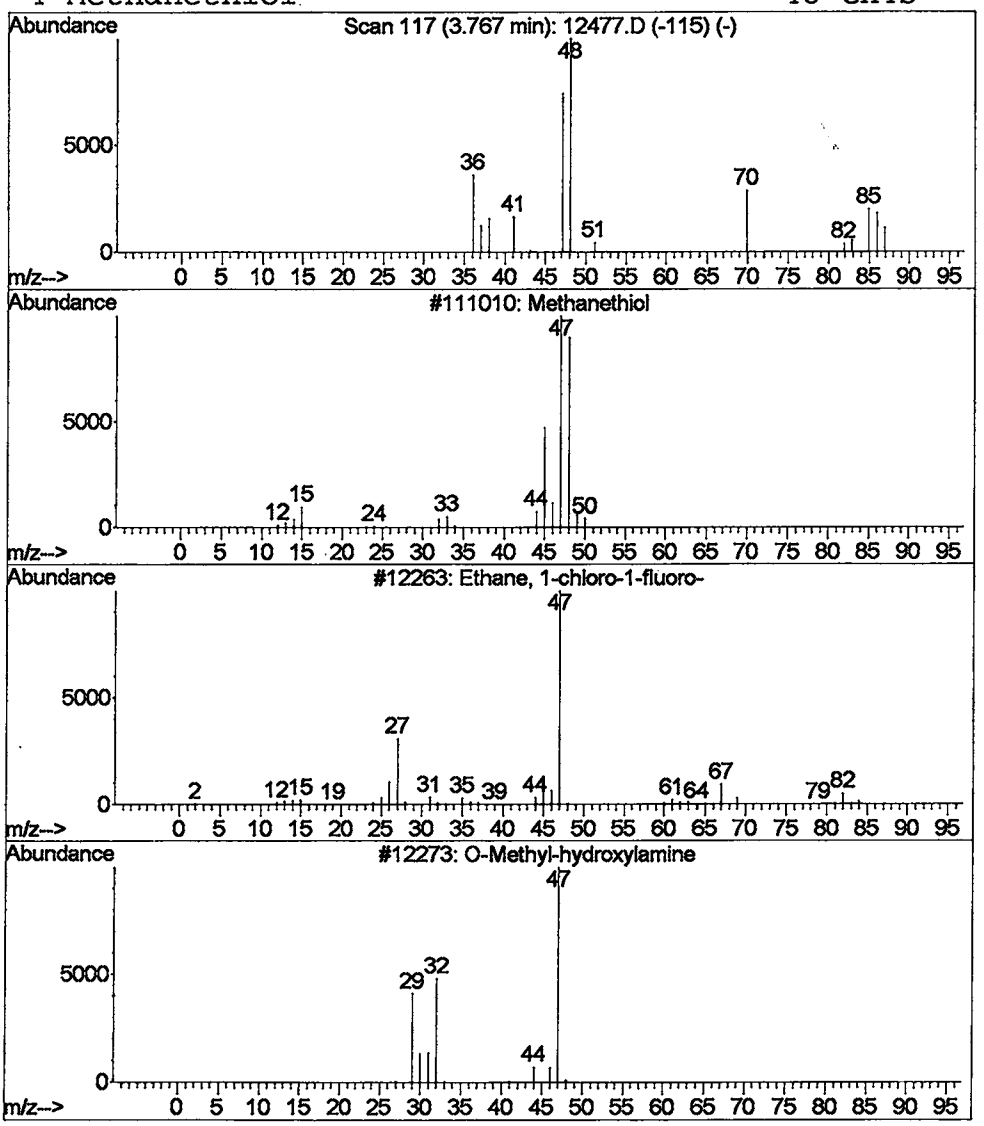
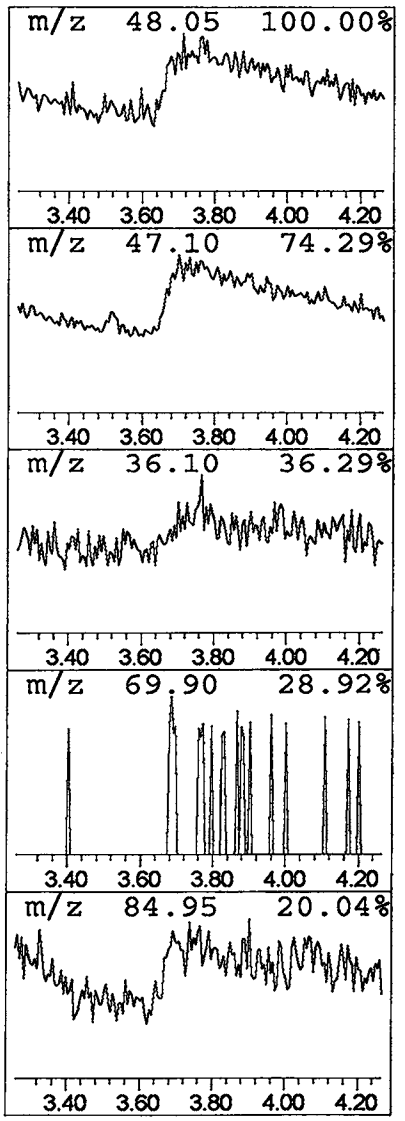
Peak Number 4 Methanethiol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	4.99 ug/L	3003330	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	7
2	Ethane, 1-chloro-1-fluoro-	82	C2H4ClF	001615-75-4	4
3	O-Methyl-hydroxylamine	47	CH5NO	1000192-49-9	3
4	Methanethiol	48	CH4S	000074-93-1	3





Library Search Compound Report

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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)
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Library : C:\DATABASE\NIST98.L

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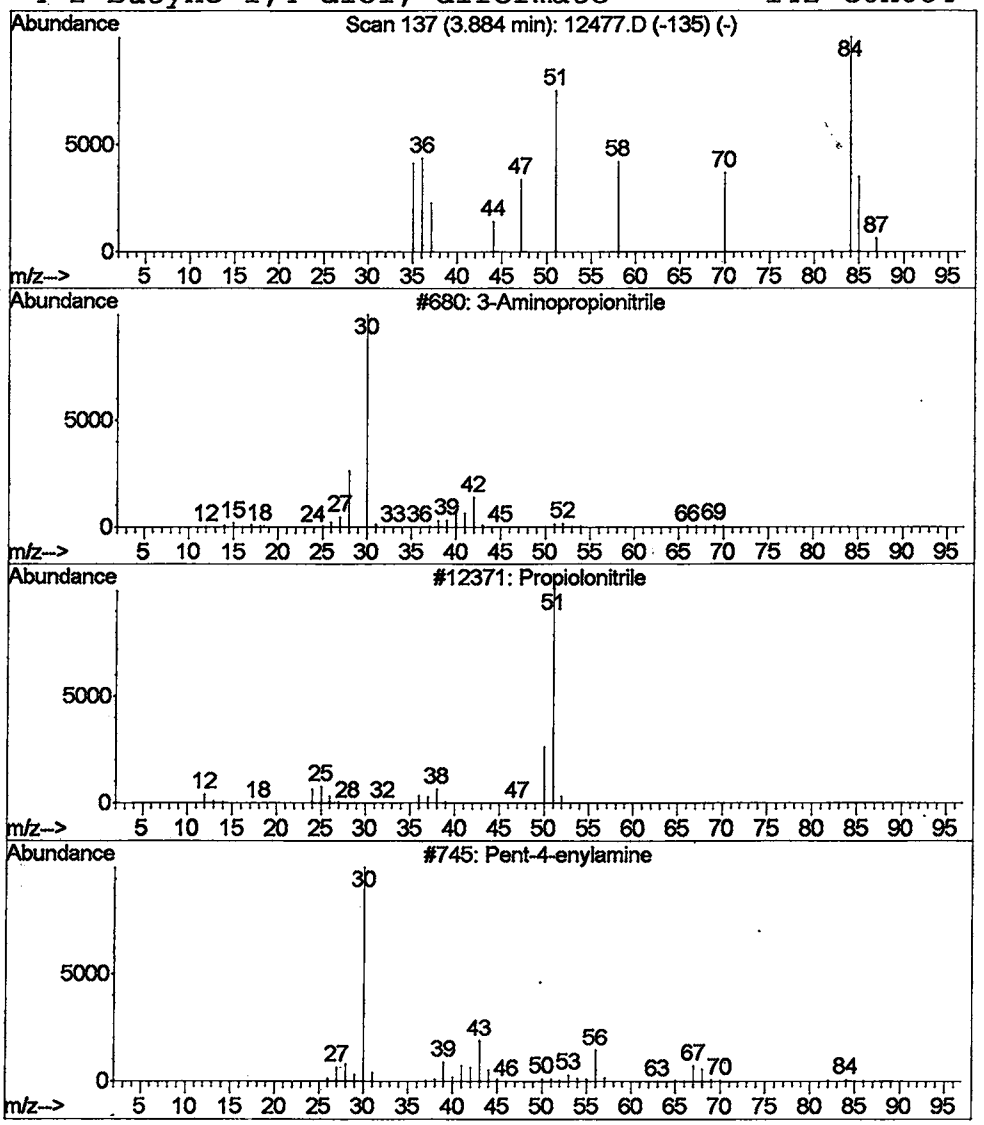
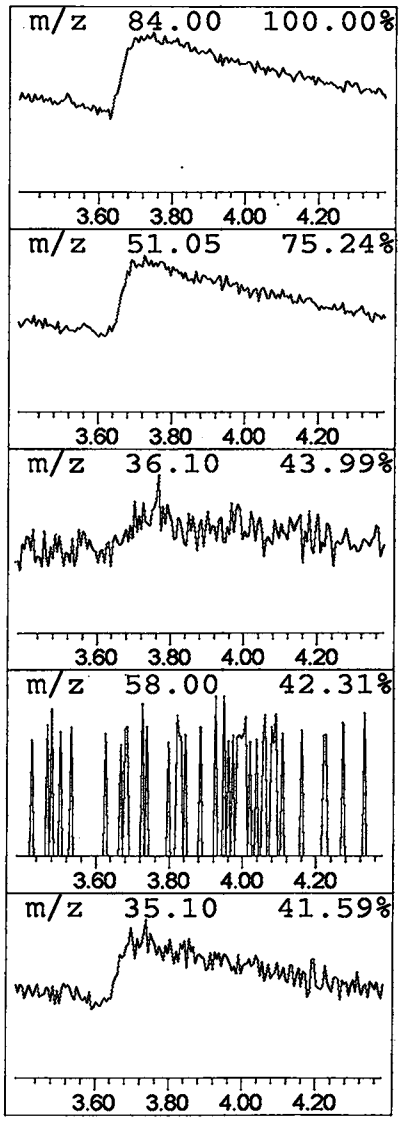
Peak Number 5 3-Aminopropionitrile Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	0.76 ug/L	459822	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Aminopropionitrile	70	C3H6N2	000151-18-8	3
2	Propiolonitrile	51	C3HN	001070-71-9	3
3	Pent-4-enylamine	85	C5H11N	022537-07-1	2
4	2-Butyne-1,4-diol, diformate	142	C6H6O4	036677-73-3	2





Library Search Compound Report

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Acq On : 30 May 2002 12:45 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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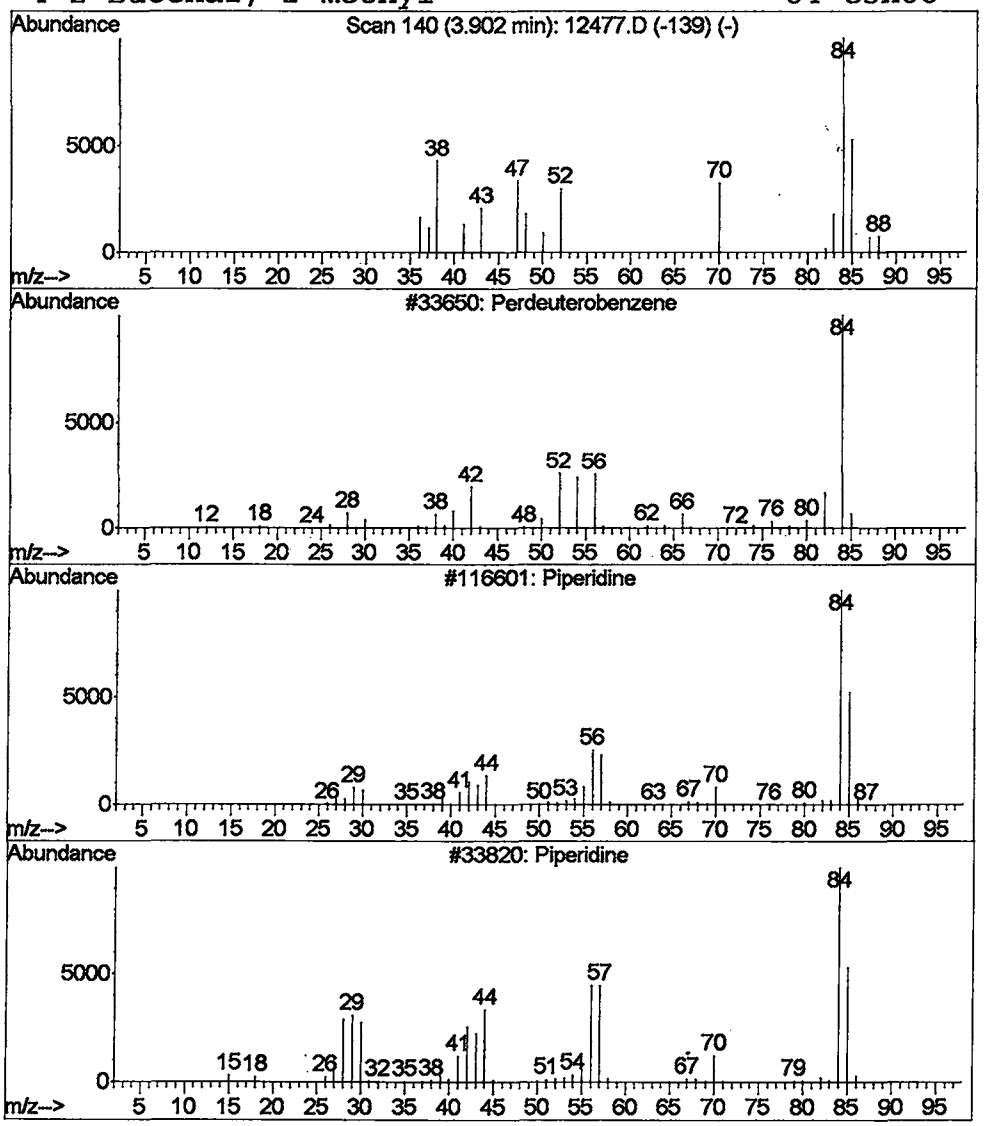
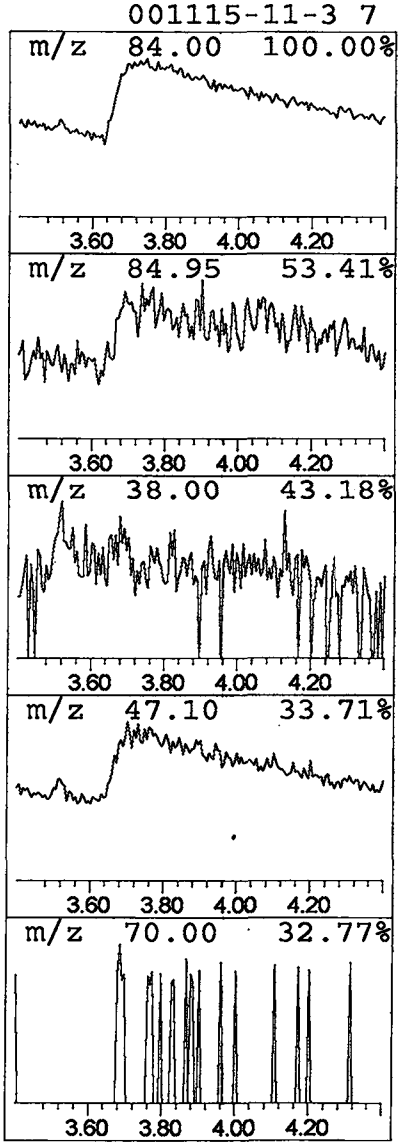
Peak Number 6 Perdeuterobenzene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	1.85 ug/L	1114120	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perdeuterobenzene	84	C6D6	001076-43-3	9
2	Piperidine	85	C5H11N	000110-89-4	7
3	Piperidine	85	C5H11N	000110-89-4	7
4	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052902\12477.D Vial: 19
Acq On : 30 May 2002 12:45 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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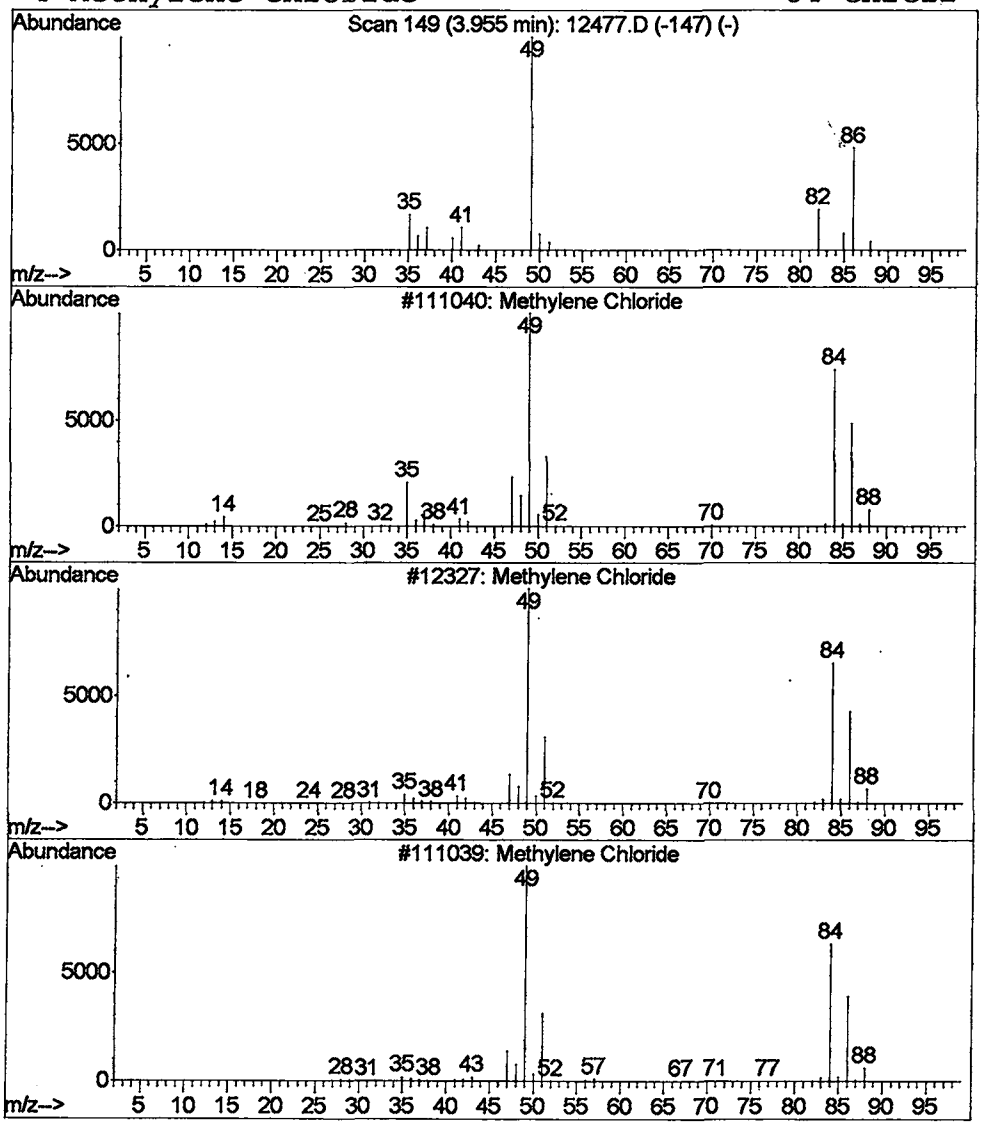
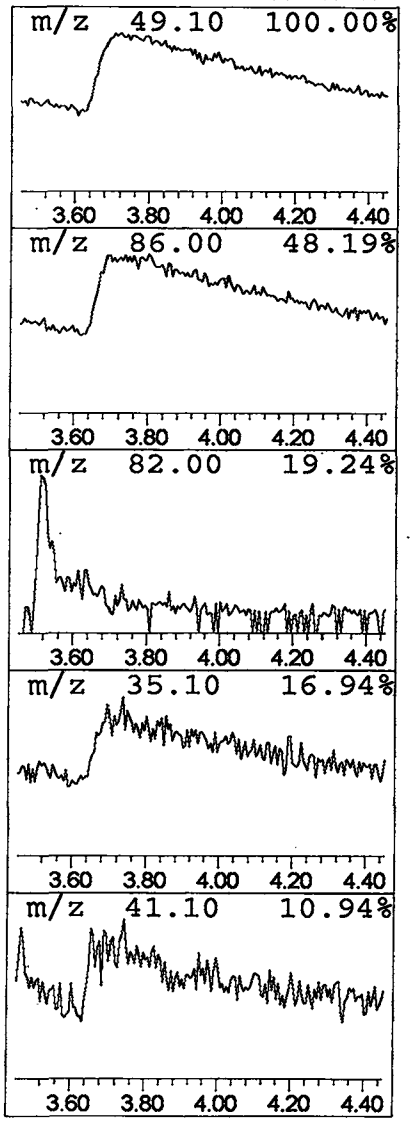
Peak Number 7 Methylene Chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	0.94 ug/L	568539	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	2
3	Methylene Chloride	84	CH2Cl2	000075-09-2	2
4	Methylene Chloride	84	CH2Cl2	000075-09-2	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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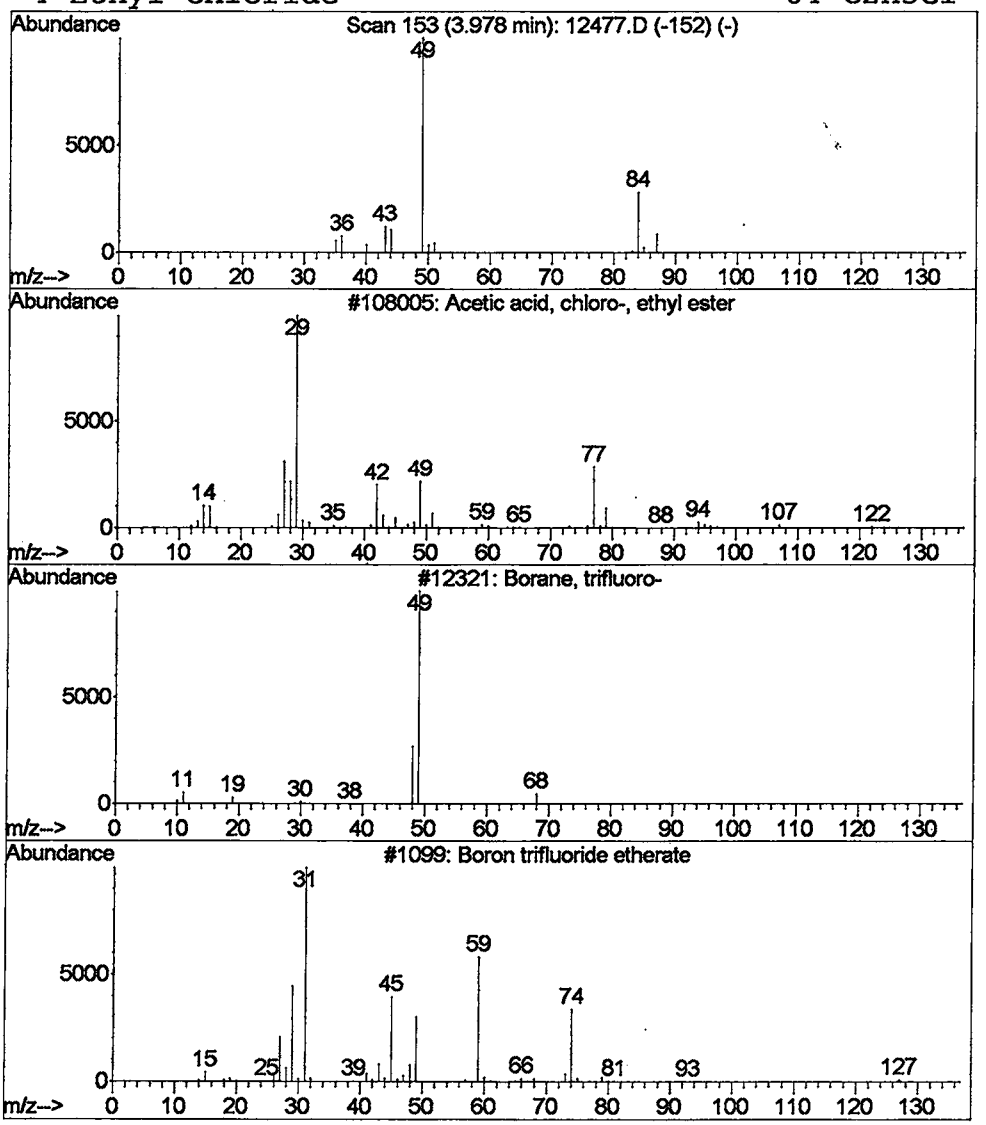
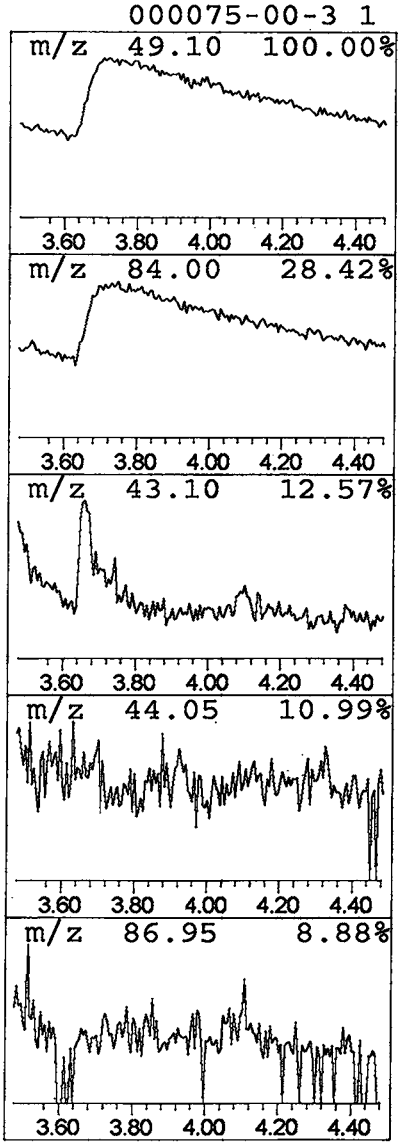
Peak Number 8 Acetic acid, chloro-, ethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	2.29 ug/L	1382250	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	Borane, trifluoro-	68	BF3	007637-07-2	1
3	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	1
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	1





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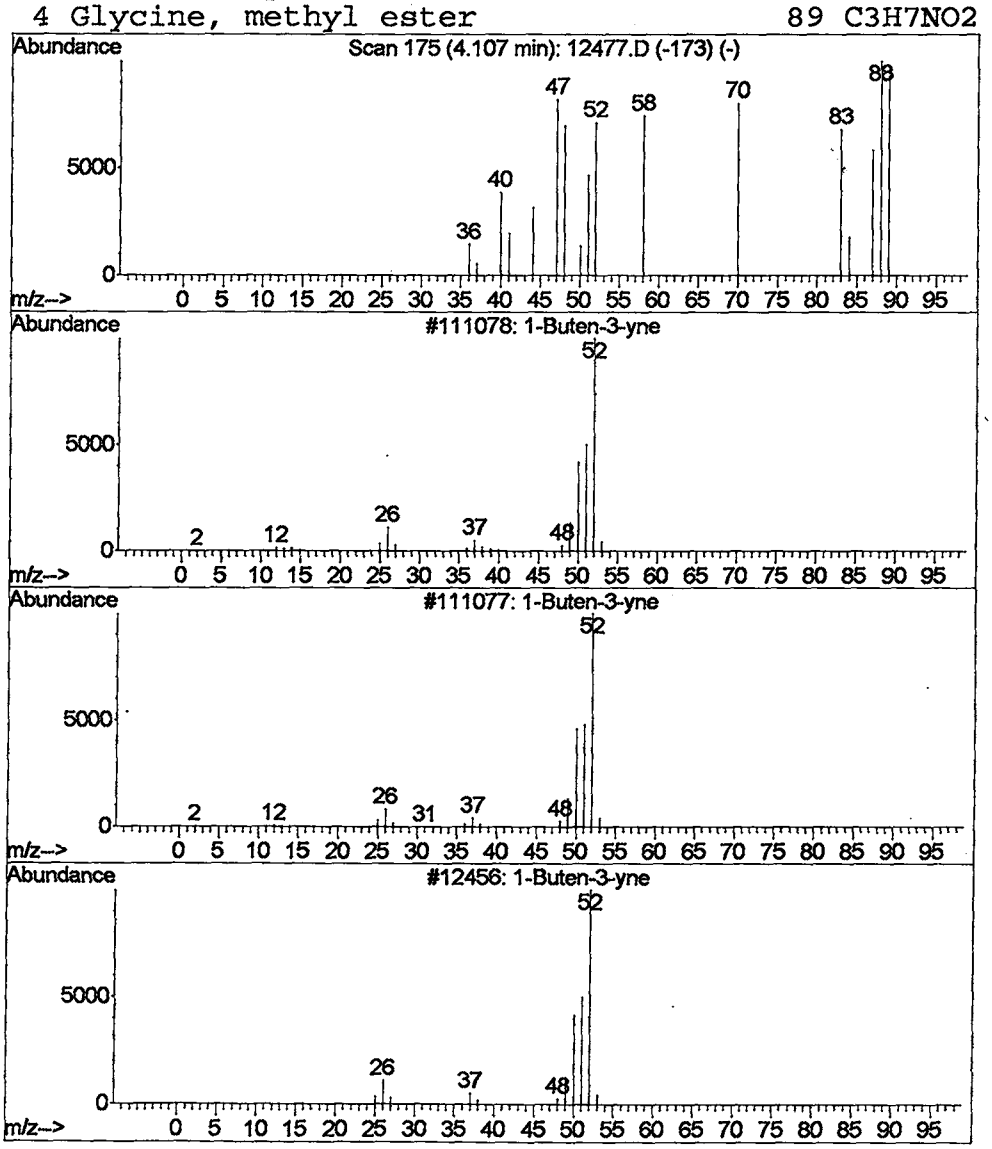
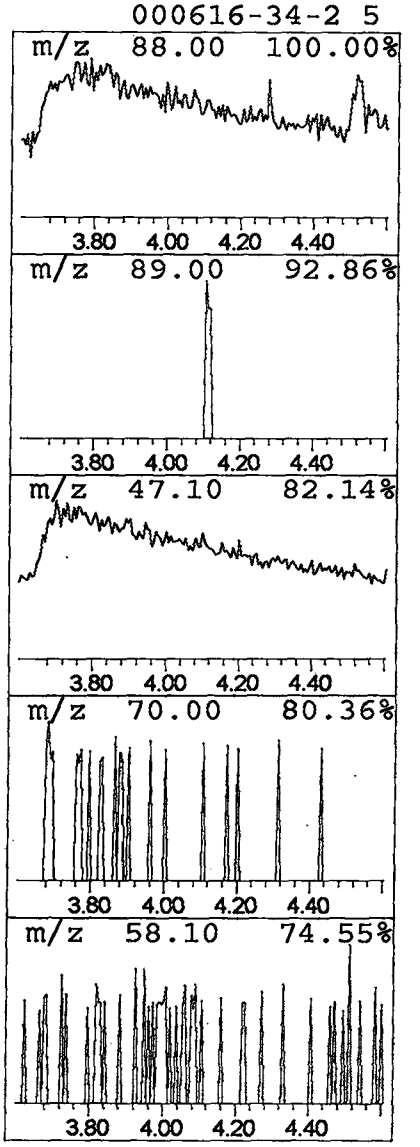
Peak Number 9 1-Buten-3-yne Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	1.29 ug/L	779708	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Buten-3-yne	52	C4H4	000689-97-4	9
2	1-Buten-3-yne	52	C4H4	000689-97-4	9
3	1-Buten-3-yne	52	C4H4	000689-97-4	9
4	Glycine, methyl ester	89	C3H7NO2	000616-34-2	5





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Library : C:\DATABASE\NIST98.L

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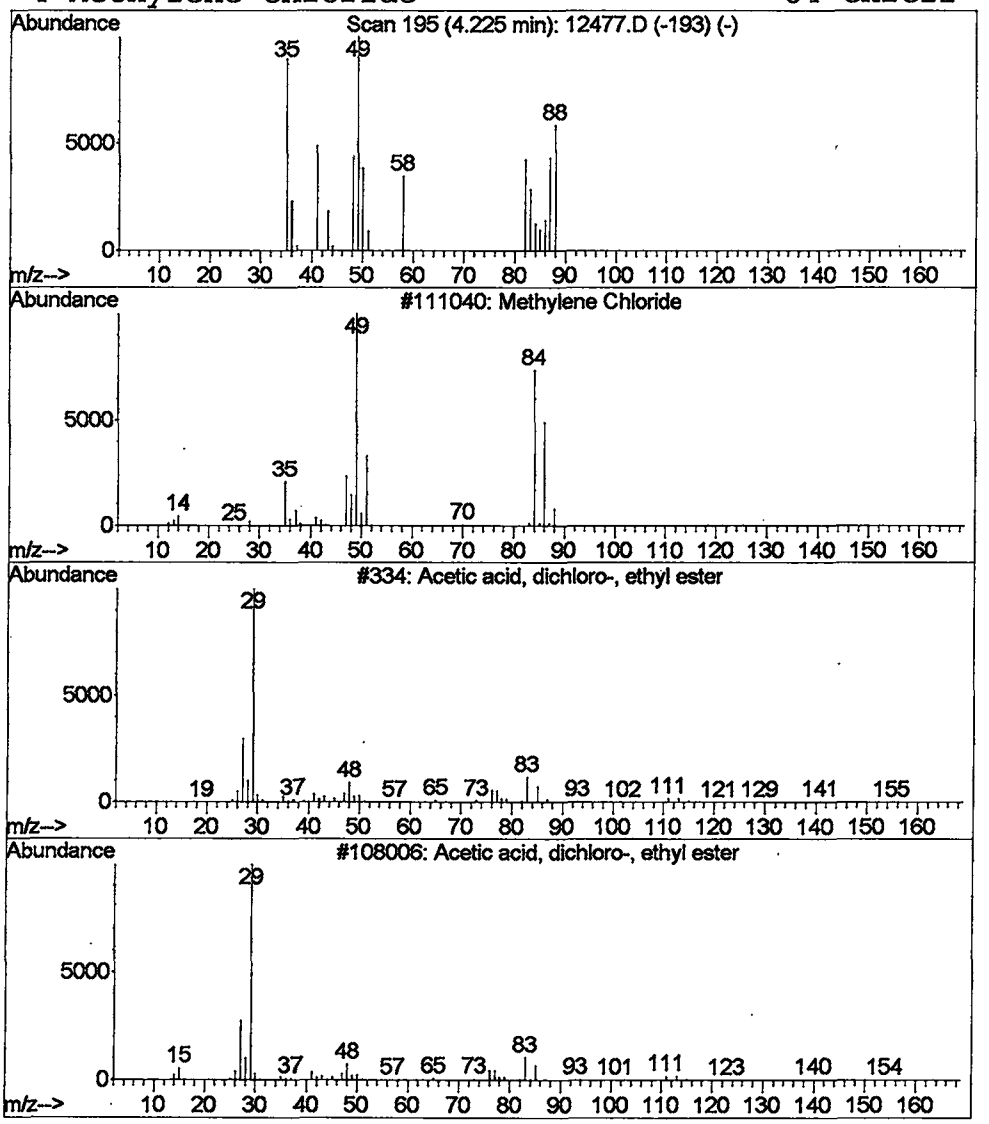
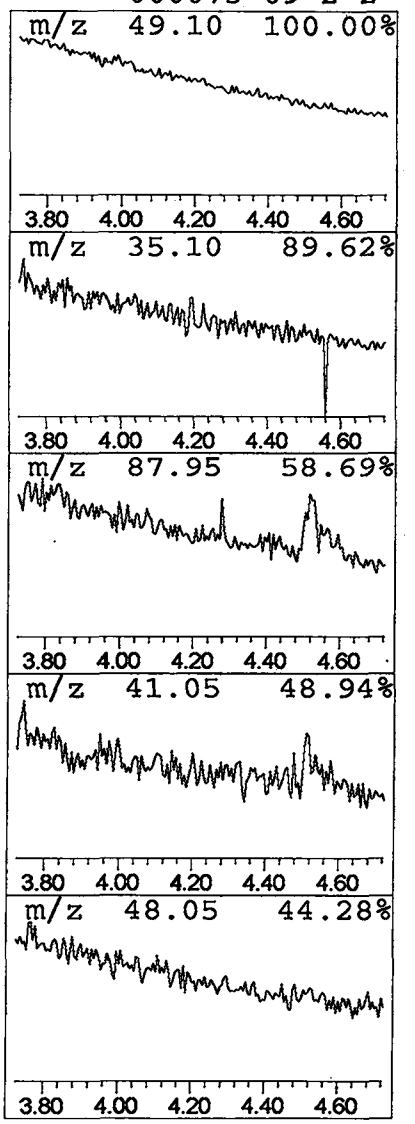
Peak Number 10 Methylene Chloride Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.23	1.22 ug/L	732929	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	2
2	Acetic acid, dichloro-, ethyl ester	156	C4H6Cl2O2	000535-15-9	2
3	Acetic acid, dichloro-, ethyl ester	156	C4H6Cl2O2	000535-15-9	2
4	Methylene Chloride	84	CH2Cl2	000075-09-2	2





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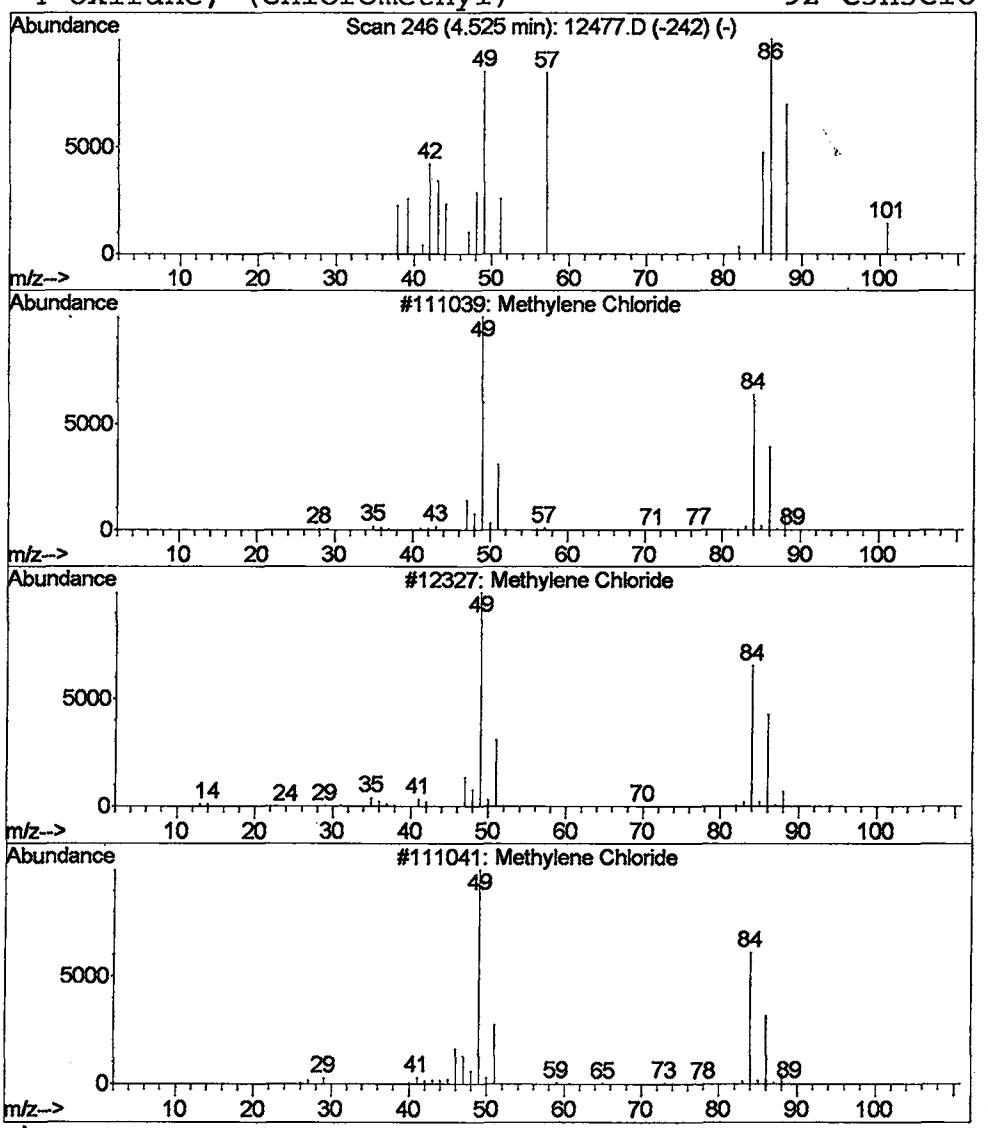
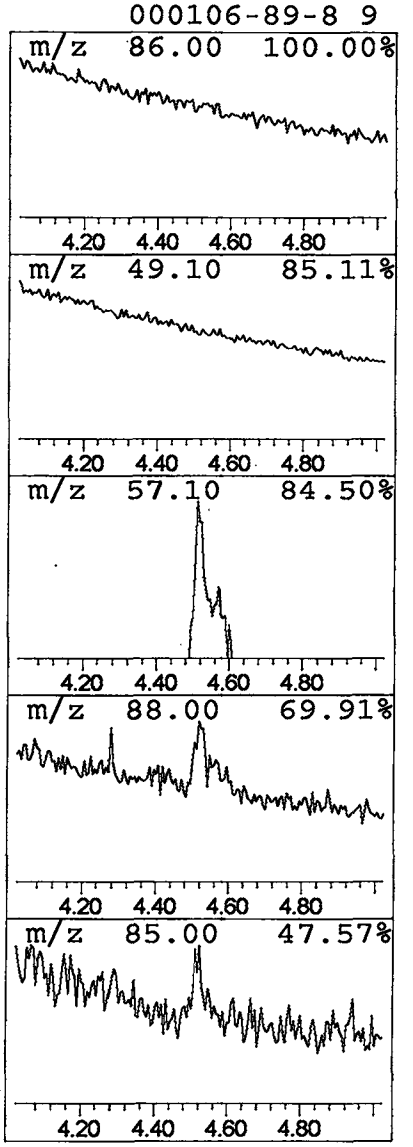
Peak Number 11 Methylene Chloride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	0.79 ug/L	477832	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	9
3	Methylene Chloride	84	CH2Cl2	000075-09-2	9
4	Oxirane, (chloromethyl)-	92	C3H5ClO	000106-89-8	9





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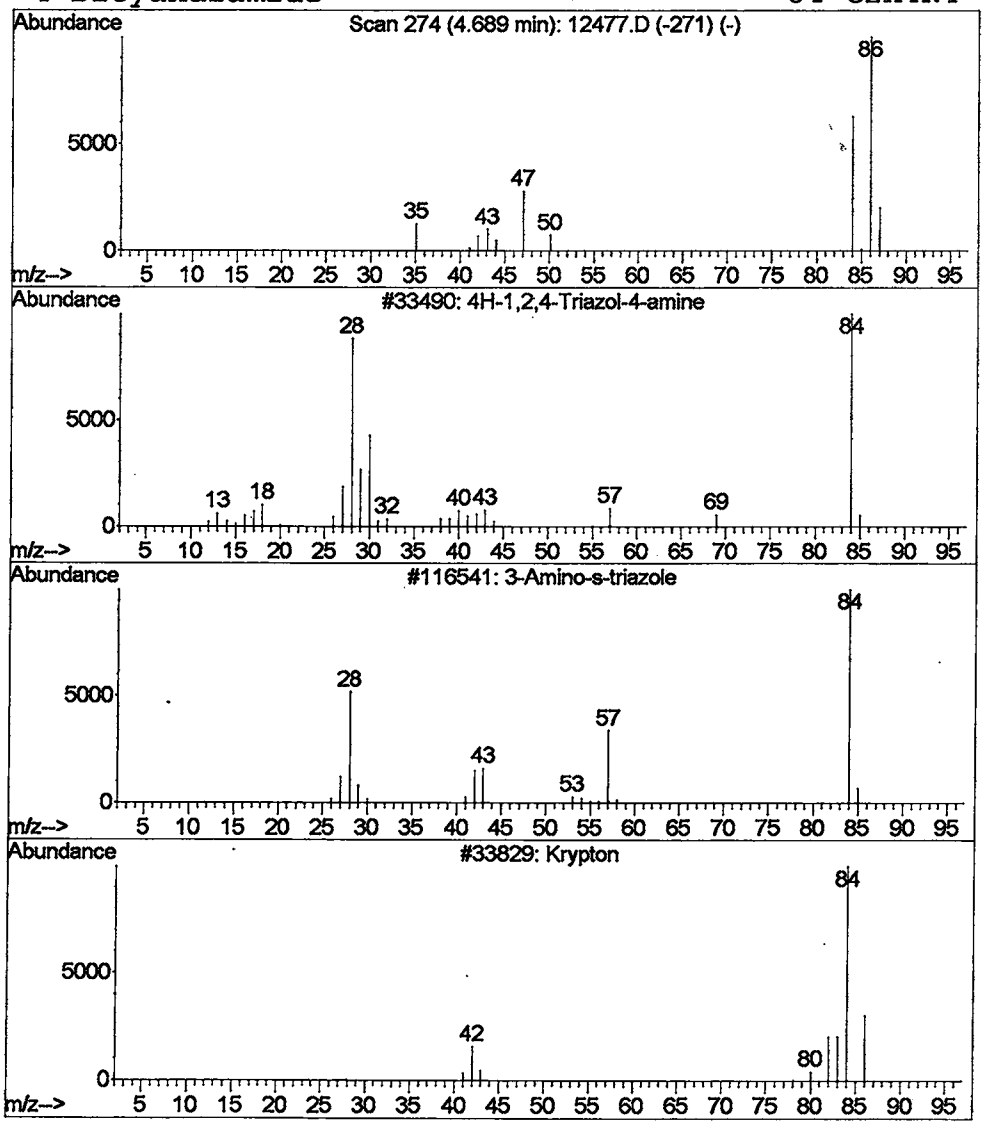
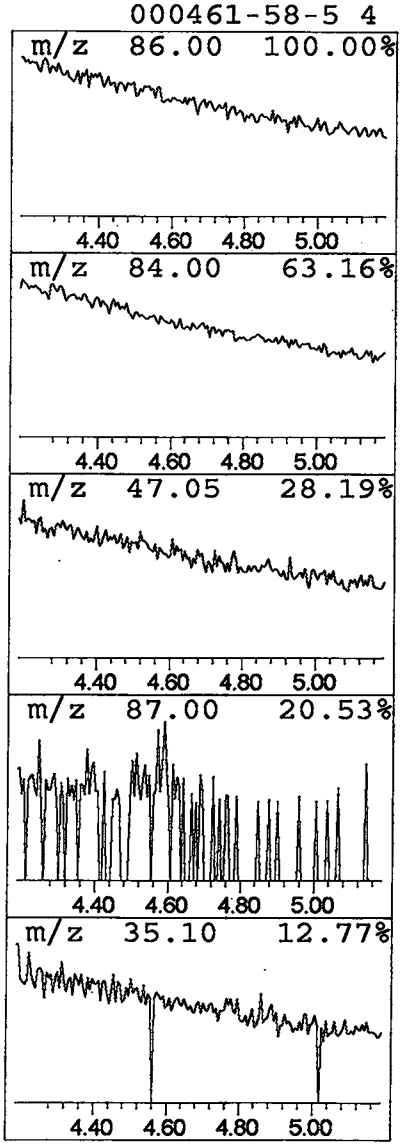
Peak Number 12 4H-1,2,4-Triazol-4-amine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	0.45 ug/L	272588	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	5
2	3-Amino-s-triazole	84	C2H4N4	000061-82-5	4
3	Krypton	84	Kr	007439-90-9	4
4	Dicyandiamide	84	C2H4N4	000461-58-5	4





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Title : 508 Modified GC/MS scan
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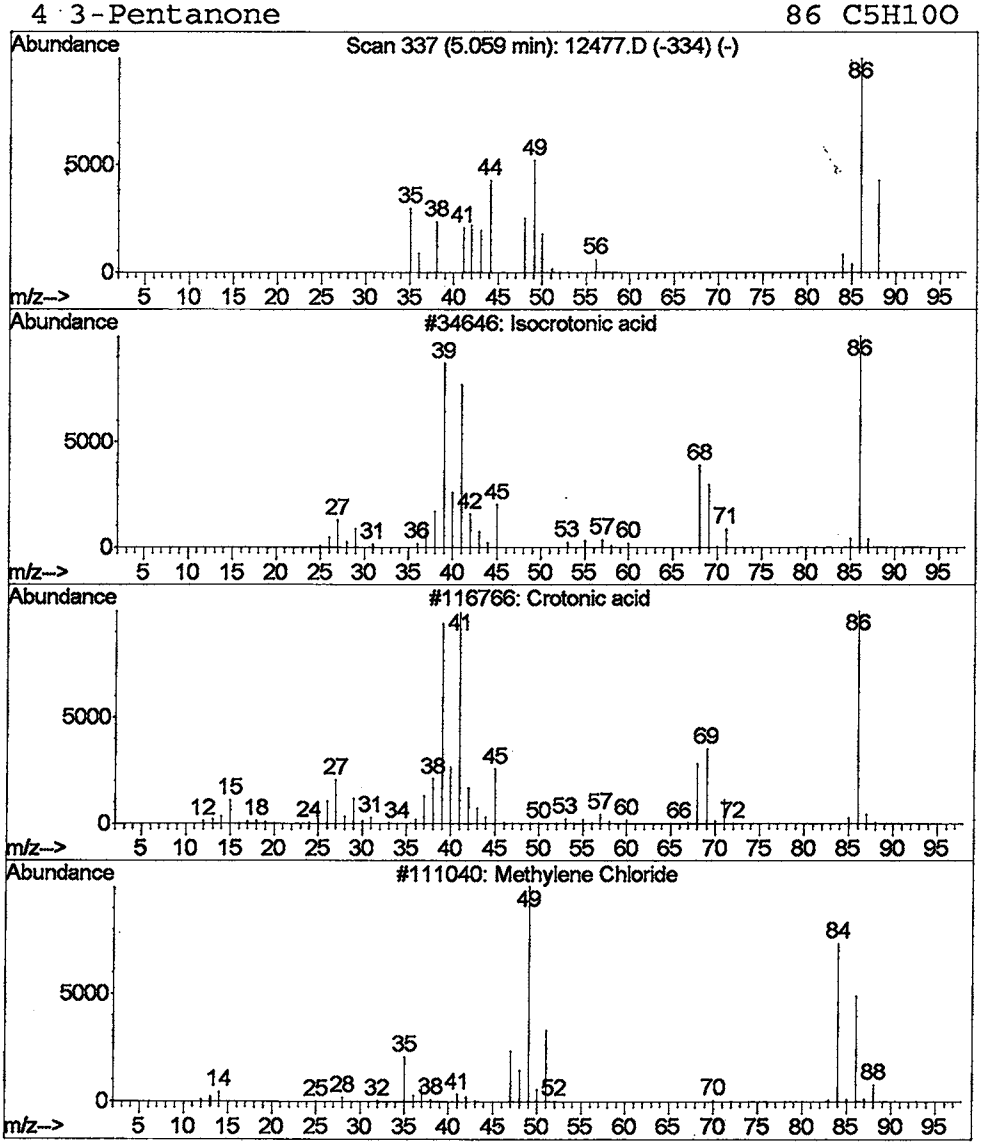
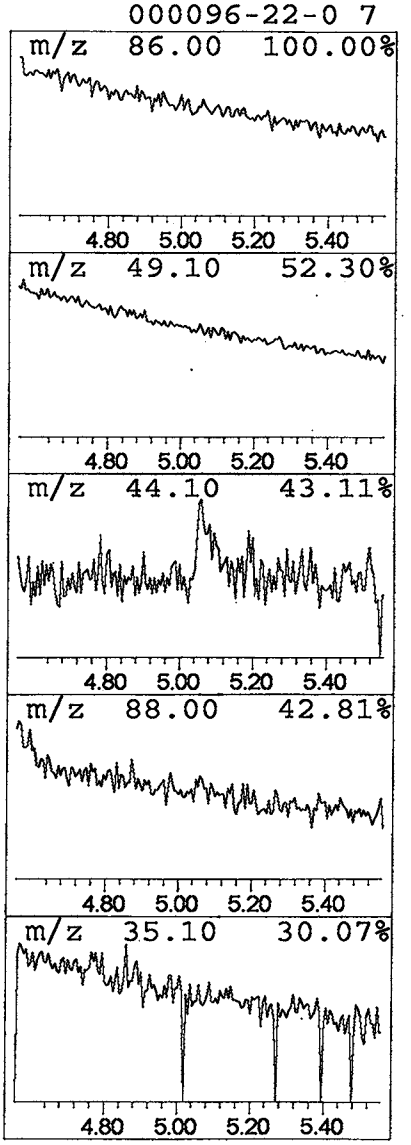
Peak Number 13 Isocrotonic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	0.25 ug/L	151812	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isocrotonic acid	86	C4H6O2	000503-64-0	10
2	Crotonic acid	86	C4H6O2	003724-65-0	9
3	Methylene Chloride	84	CH2Cl2	000075-09-2	9
4	3-Pentanone	86	C5H10O	000096-22-0	7





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Multiplr: 1.00

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Title : 508 Modified GC/MS scan
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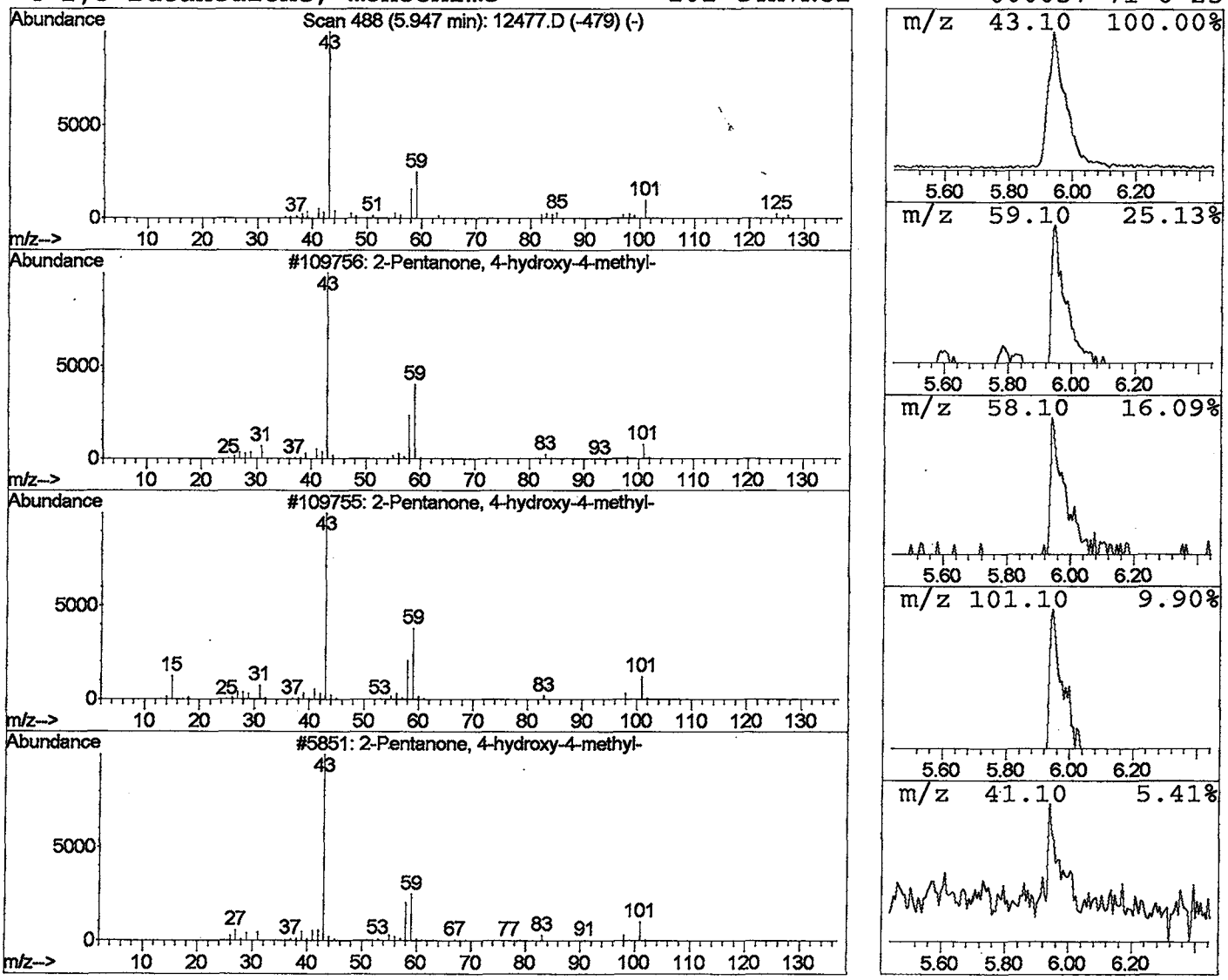
Peak Number 14 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	1.59 ug/L	956371	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	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25



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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

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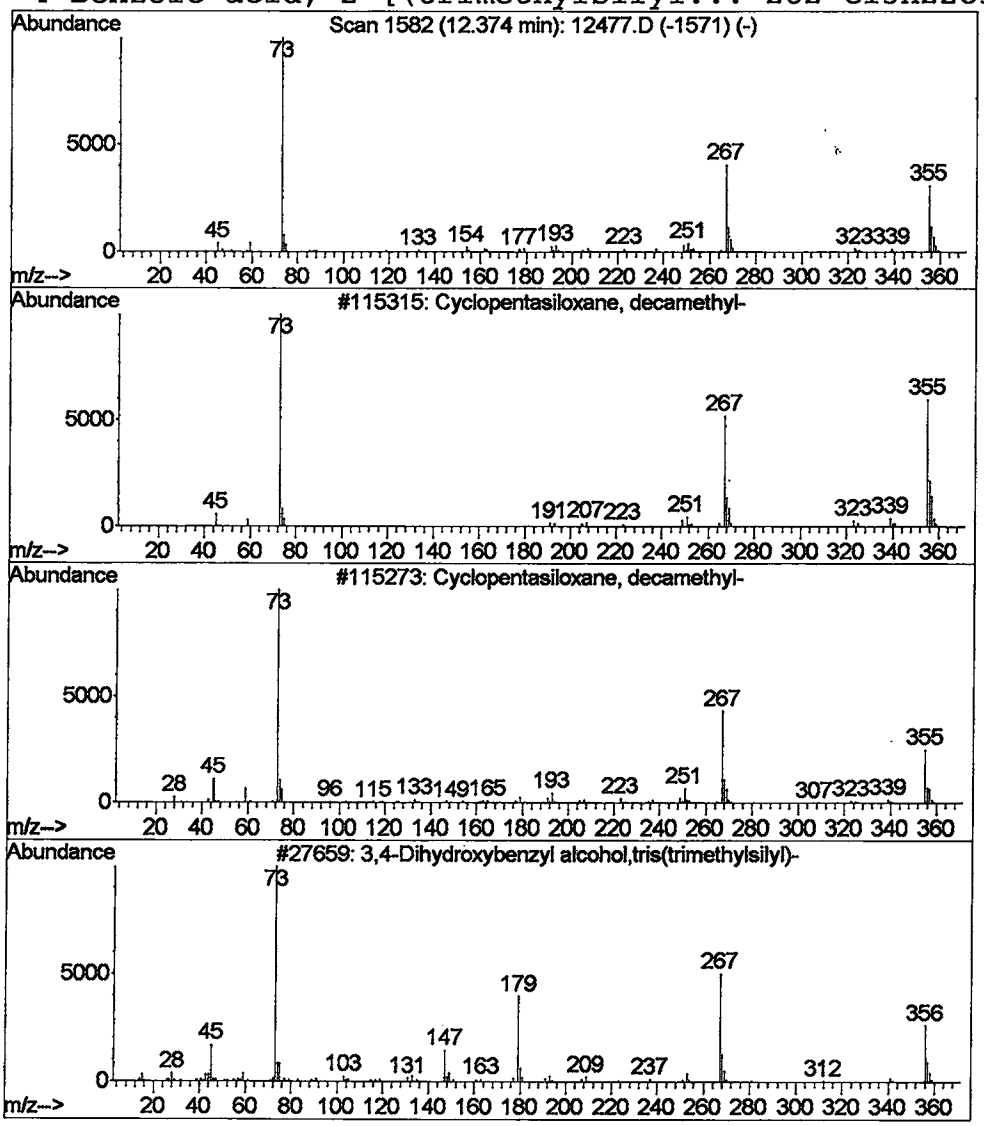
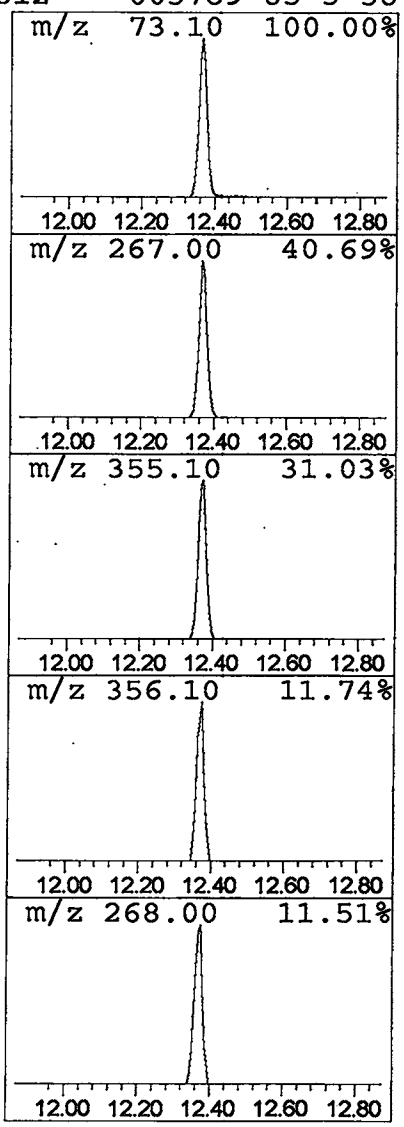
Peak Number 15 Cyclopentasiloxane, decamet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	1.45 ug/L	1186380	Napthalene-d8	13.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
3	3,4-Dihydroxybenzyl alcohol,tris...	356	C16H32O3Si3	068595-79-9	40
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38





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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

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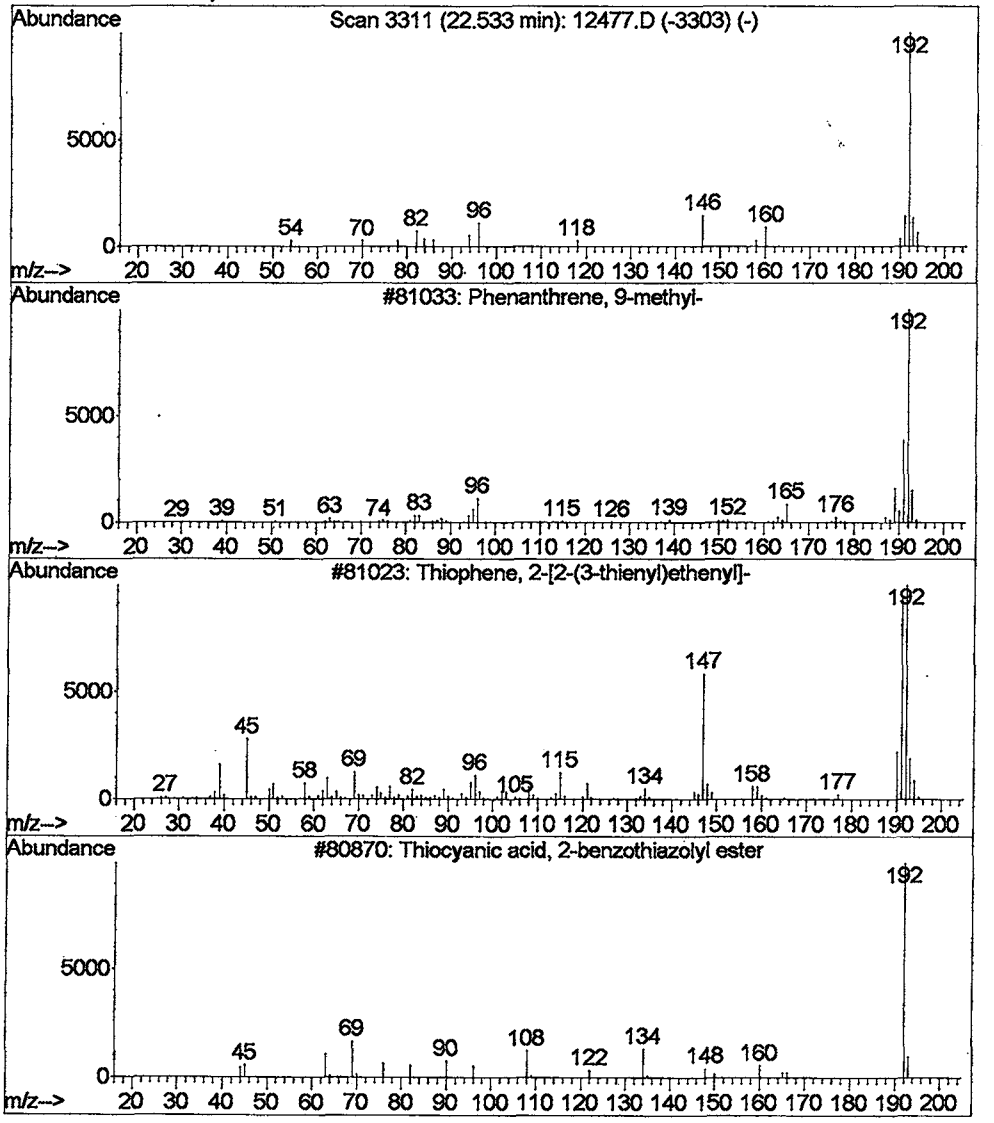
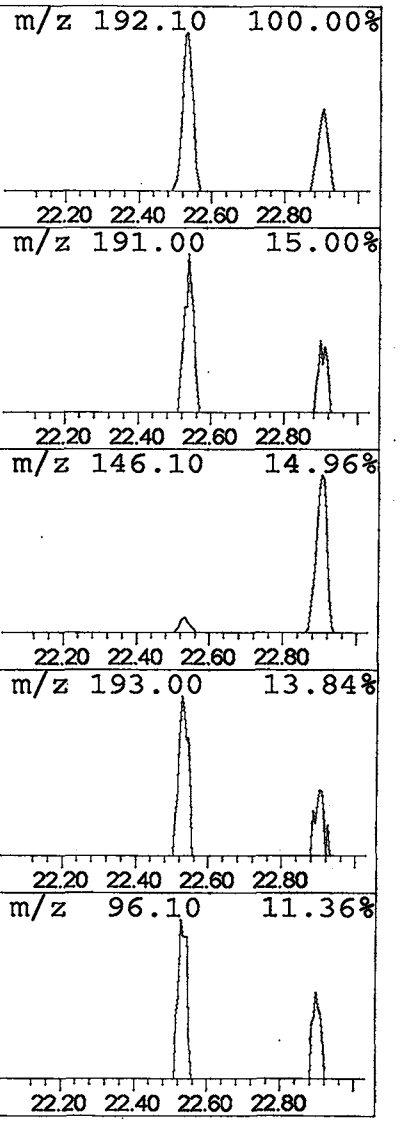
Peak Number 16 Phenanthrene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	0.24 ug/L	218679	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	59
2	Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	53
3	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	53
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	53





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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

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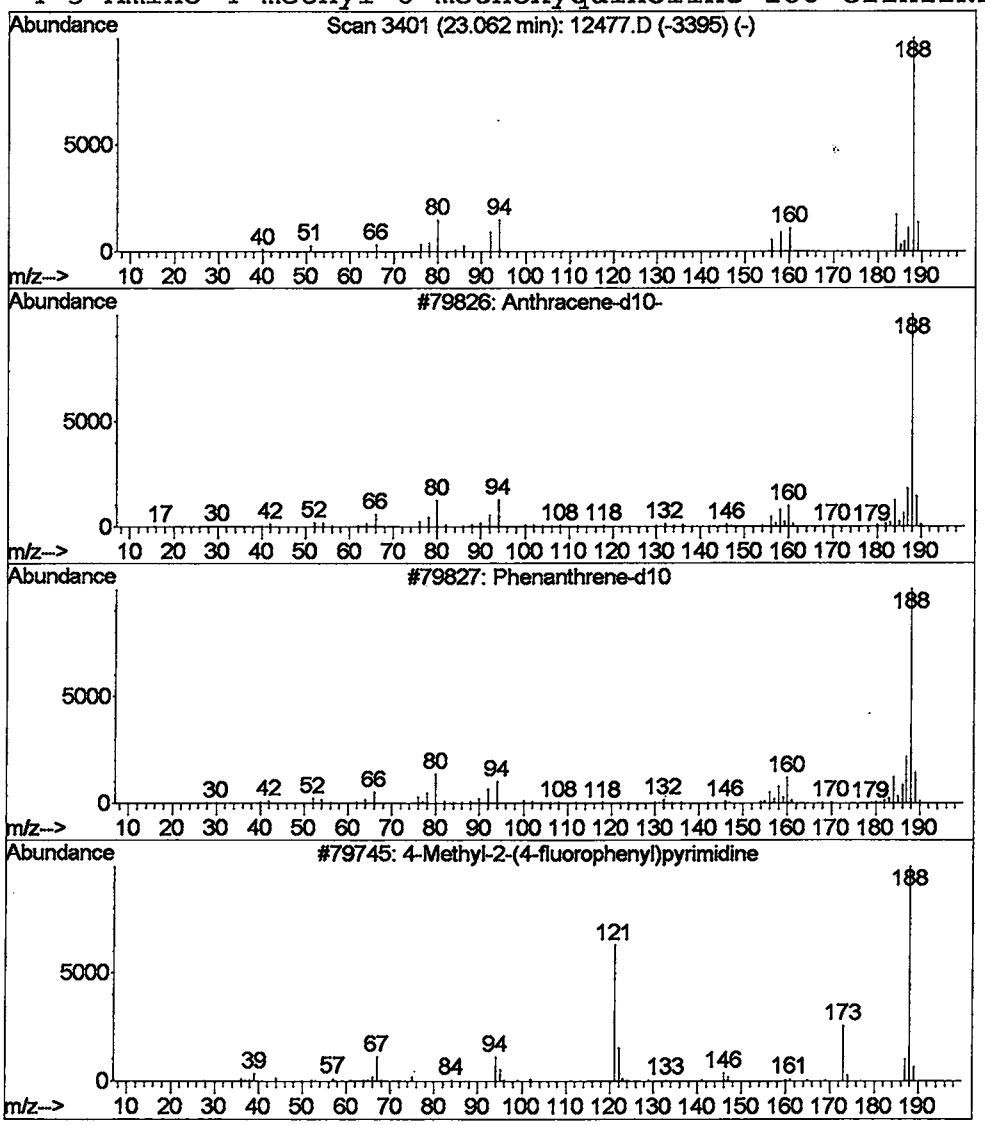
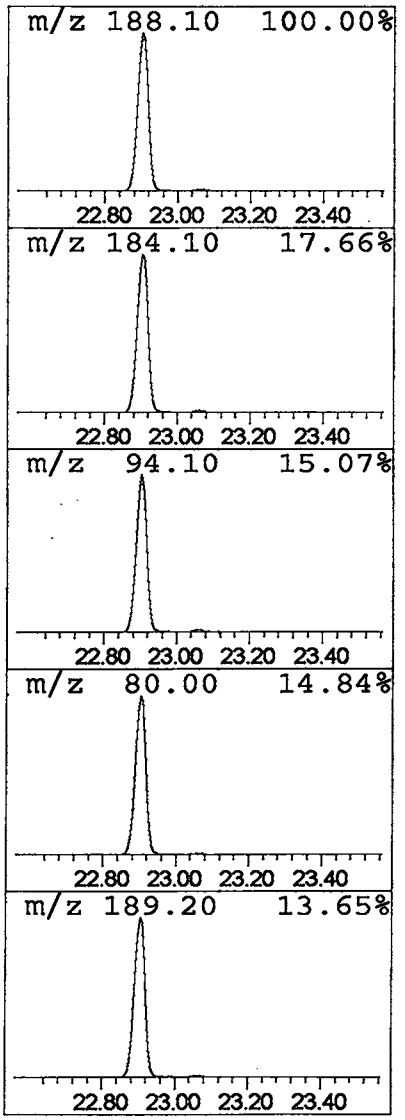
Peak Number 17 Anthracene-d10- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	0.31 ug/L	283820	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	87
2	Phenanthrene-d10	188	C14D10	001517-22-2	78
3	4-Methyl-2-(4-fluorophenyl)pyrim...	188	C11H9FN2	076128-67-1	50
4	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	42





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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

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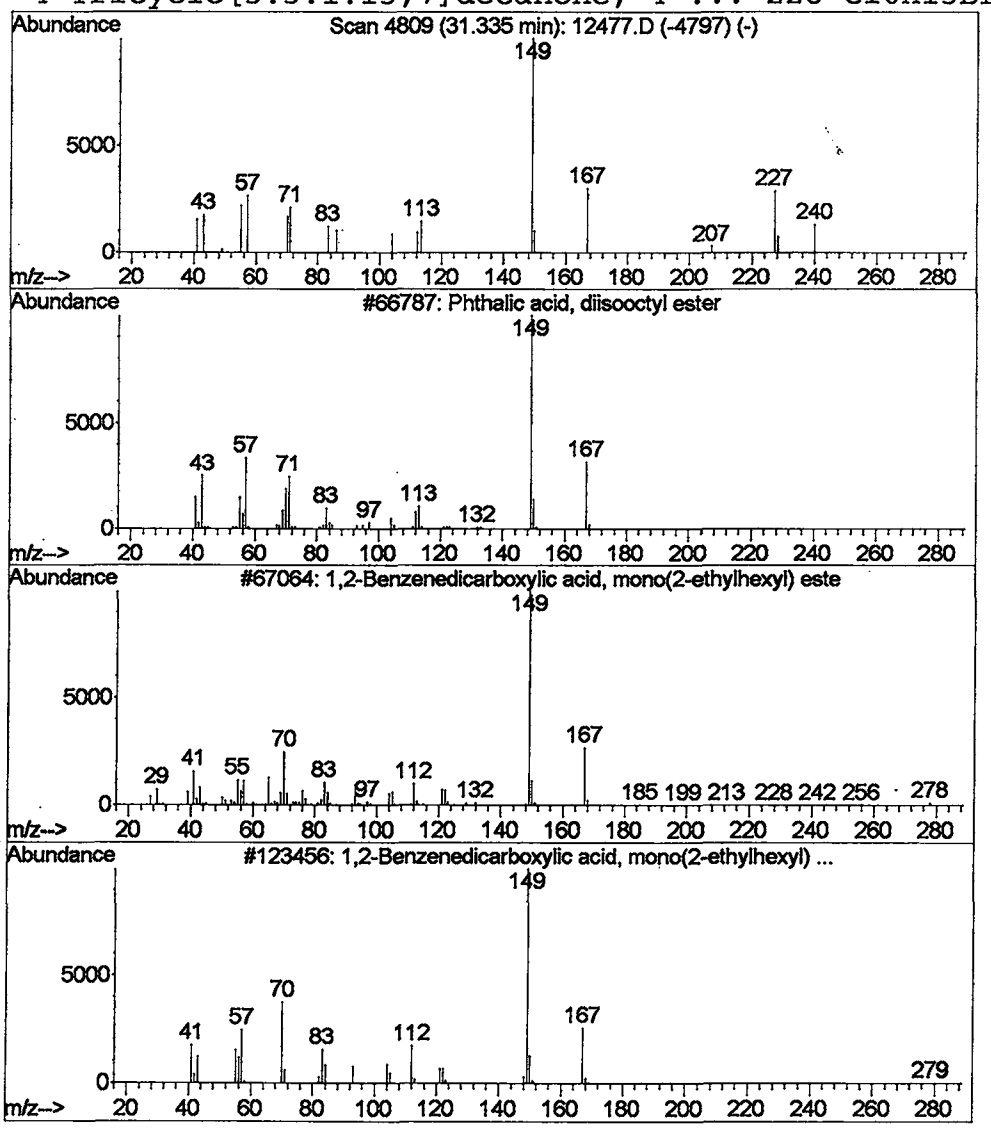
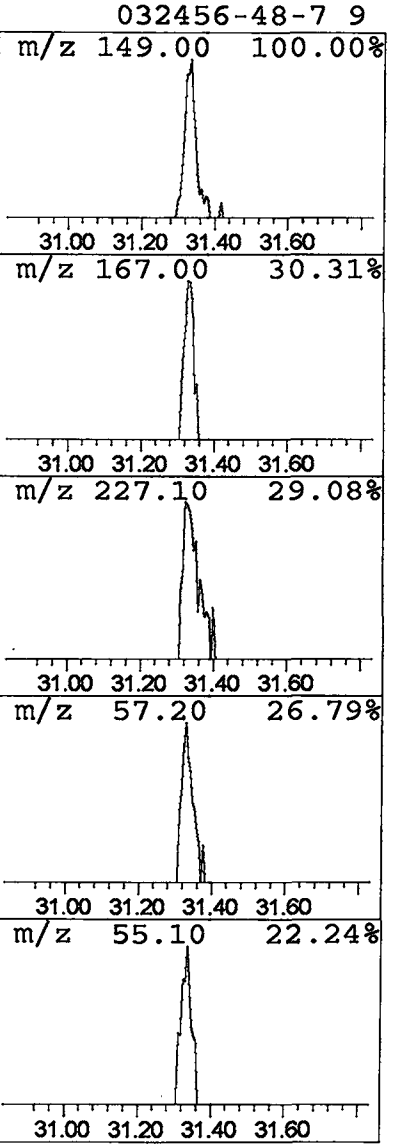
Peak Number 18 Phthalic acid, diisooctyl e... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.33	0.32 ug/L	204132	Chrysene-d12	30.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, diisooctyl ester	390	C24H38O4	001330-91-2	59
2	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	47
3	1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	47
4	Tricyclo[3.3.1.13,7]decanone, 4-...	228	C10H13BrO	032456-48-7	9





Tentatively Identified Compound (TIC) Summary

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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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Acetonitrile, dic...	3.52	0.3	ug/L	205417	1	9.90	24094400	40.0
Methylene Chloride	3.73	3.4	ug/L	2073910	1	9.90	24094400	40.0
Pyridine-d5-	3.75	0.8	ug/L	506333	1	9.90	24094400	40.0
Methanethiol	3.76	5.0	ug/L	3003330	1	9.90	24094400	40.0
3-Aminopropionitrile	3.88	0.8	ug/L	459822	1	9.90	24094400	40.0
Perdeuterobenzene	3.90	1.8	ug/L	1114120	1	9.90	24094400	40.0
Methylene Chloride	3.96	0.9	ug/L	568539	1	9.90	24094400	40.0
Acetic acid, chlo...	3.98	2.3	ug/L	1382250	1	9.90	24094400	40.0
1-Buten-3-yne	4.10	1.3	ug/L	779708	1	9.90	24094400	40.0
Methylene Chloride	4.23	1.2	ug/L	732929	1	9.90	24094400	40.0
Methylene Chloride	4.53	0.8	ug/L	477832	1	9.90	24094400	40.0
4H-1,2,4-Triazol-...	4.69	0.5	ug/L	272588	1	9.90	24094400	40.0
Isocrotonic acid	5.06	0.3	ug/L	151812	1	9.90	24094400	40.0
2-Pentanone, 4-hy...	5.94	1.6	ug/L	956371	1	9.90	24094400	40.0
Cyclopentasiloxan...	12.37	1.4	ug/L	1186380	2	13.39	32794800	40.0
Phenanthrene, 9-m...	22.53	0.2	ug/L	218679	4	22.91	37000100	40.0
Anthracene-d10-	23.06	0.3	ug/L	283820	4	22.91	37000100	40.0
Phthalic acid, di...	31.33	0.3	ug/L	204132	5	30.76	25527400	40.0