User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/04/2002 Time: 15:13:42

Sample: AE11928
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/4/02 15:13 Ended: 6/4/02 15:13 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		73		10.0

Comments for Sample AE11928 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-04-2002 Time: 15:14:12

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 4 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052302\11928.D Vial: 8
Acq On : 23 May 2002 3:40 pm Operator: Mclean
Sample : 5/22ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 29 09:44:56 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 09:44:24 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	4891626	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	19375943	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.53	164	10747941	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	16449318	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	10523925	40.00	ug/L	-0.04
43) Perylene-d12	34.66	264	5520218	40.00	ug/L	-0.02
System Monitoring Compounds						
27) TCMX	20.50	209	1454724	29.33	ug/L	0.00
Spiked Amount 40.000			Recovery = 73.32%			
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	13.40	93	-2507	Below Cal	#	1
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	23881	N.D.		
30) Nnitrosodiphenylamine	20.50	169	29323	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

Quantitation Report (QT Reviewed)

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Acq On : 23 May 2002 3:40 pm Operator: Mclean
Sample : 5/22ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 29 09:44:56 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 09:44:24 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

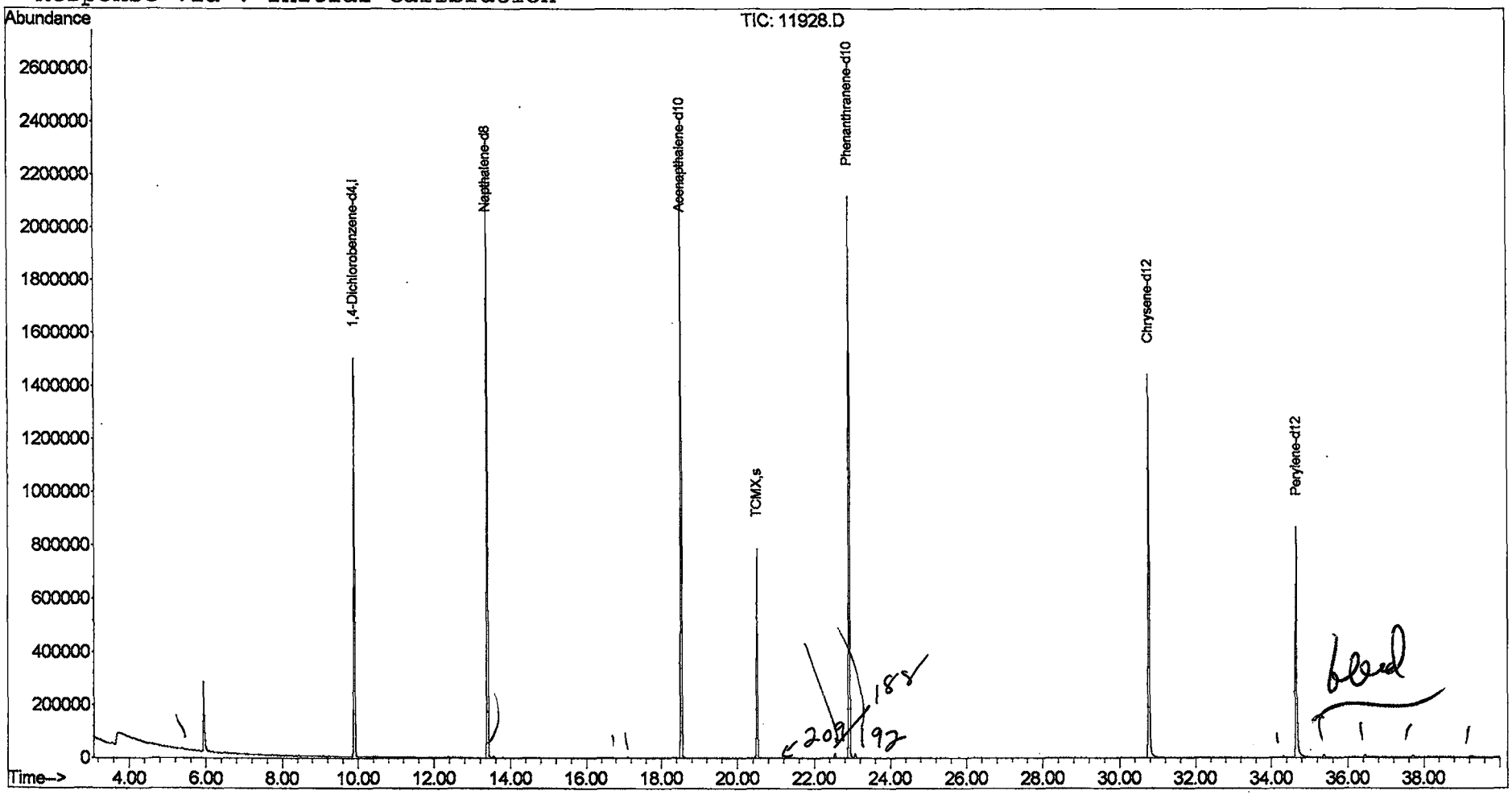
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	0.00	202	0	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	0.00	228	0	N.D.	
41)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
42)	Chrysene	0.00	228	0	N.D.	
44)	Di-n-octylphthalate	0.00	149	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\052302\11928.D Vial: 8
Acq On : 23 May 2002 3:40 pm Operator: Mclean
Sample : 5/22ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 29 9:48 2002 Quant Results File: 052202.RES

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 09:44:24 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052302\11928.D Vial: 8
Acq On : 23 May 2002 3:40 pm Operator: Mclean
Sample : 5/22ad 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

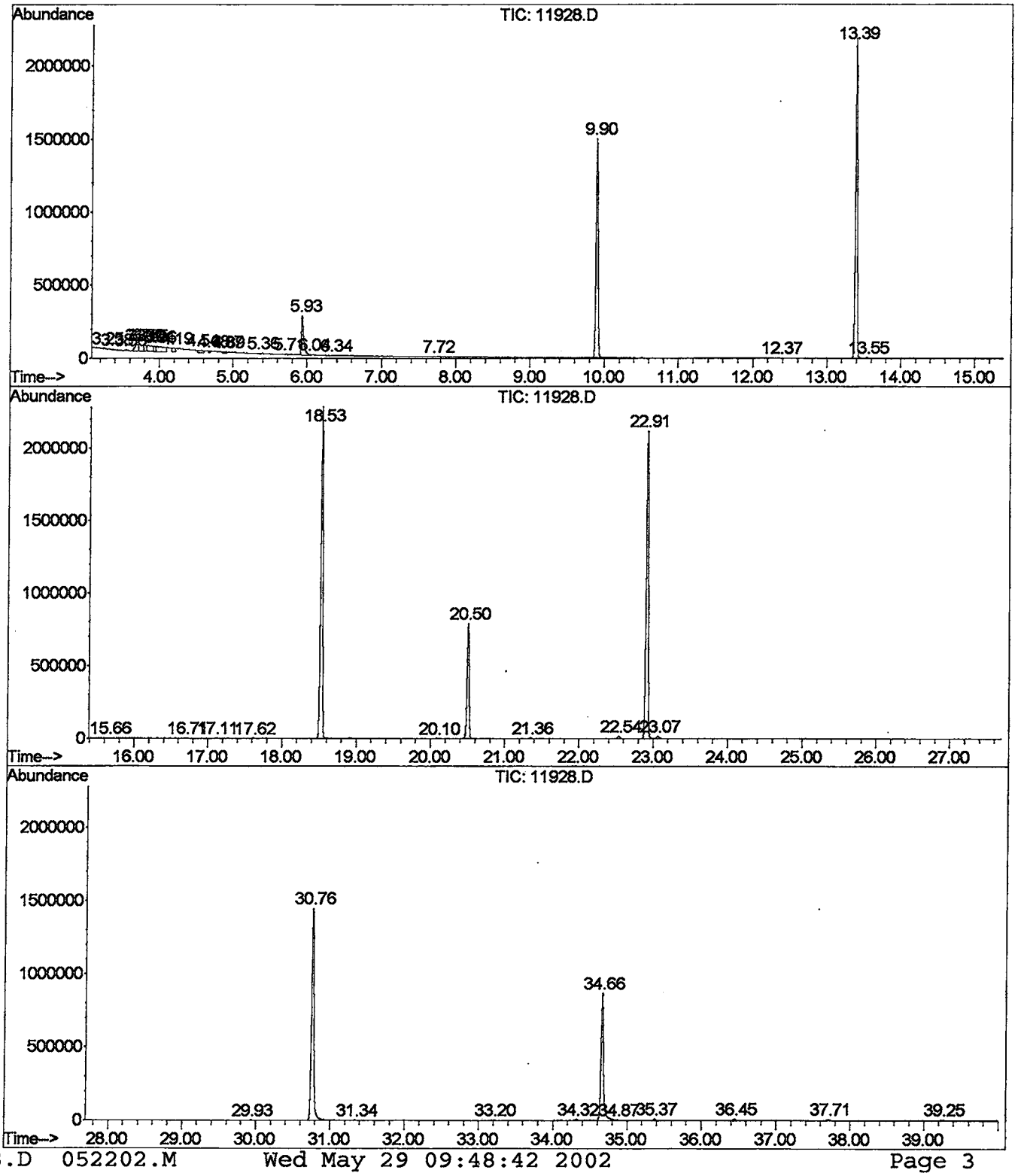
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.256	27	30	39	VV 7	4916	83296	0.19%	0.034%
2	3.379	49	51	73	PV 8	2180	47152	0.11%	0.019%
3	3.555	73	81	86	PV 6	5870	112309	0.25%	0.046%
4	3.708	93	107	109	PV 3	43749	1392971	3.13%	0.570%
5	3.743	109	113	121	VV 9	44566	1929338	4.34%	0.790%
6	3.802	121	123	127	VV 4	43086	905059	2.03%	0.371%
7	3.849	127	131	144	VV 10	40274	2165082	4.87%	0.887%
8	3.937	144	146	149	VV 3	36173	585404	1.32%	0.240%
9	3.961	149	150	173	VV 4	34281	2647230	5.95%	1.084%
10	4.196	186	190	194	VV 5	27382	703302	1.58%	0.288%
11	4.536	246	248	260	VV 8	16745	730349	1.64%	0.299%
12	4.683	271	273	275	VV 3	12090	137734	0.31%	0.056%
13	4.871	302	305	307	VV 4	9173	124060	0.28%	0.051%
14	4.895	307	309	313	VV 5	8914	172477	0.39%	0.071%
15	5.359	383	388	393	VV 7	6172	172644	0.39%	0.071%
16	5.712	446	448	450	VV 3	2520	24506	0.06%	0.010%
17	5.935	481	486	503	VV	267823	5519884	12.40%	2.260%
18	6.046	503	505	507	VV 2	4084	45538	0.10%	0.019%
19	6.340	553	555	561	PV 6	2159	28231	0.06%	0.012%
20	7.721	784	790	794	PV 7	1918	25643	0.06%	0.010%
21	9.901	1149	1161	1178	PV	1483264	29217018	65.66%	11.963%
22	12.369	1573	1581	1592	VV 8	1969	47365	0.11%	0.019%
23	13.391	1745	1755	1773	VV	2149110	39590926	88.97%	16.211%
24	13.544	1777	1781	1788	VV	5779	112932	0.25%	0.046%
25	15.659	2135	2141	2155	VV 6	2185	56871	0.13%	0.023%
26	16.705	2311	2319	2326	VV 2	3641	69831	0.16%	0.029%
27	17.110	2380	2388	2395	VV 3	3629	66278	0.15%	0.027%
28	17.621	2470	2475	2481	VV 5	1624	27245	0.06%	0.011%
29	18.532	2610	2630	2648	PV	2270704	43923123	98.70%	17.985%
30	20.101	2892	2897	2908	VV 5	2151	41187	0.09%	0.017%
31	20.506	2950	2966	2976	PV	773287	14355741	32.26%	5.878%
32	21.358	3106	3111	3117	VV 3	4738	71383	0.16%	0.029%
33	22.539	3297	3312	3323	VV	16494	313082	0.70%	0.128%
34	22.915	3356	3376	3395	PV 2	2127959	44500081	100.00%	18.221%
35	23.068	3395	3402	3416	VV	16073	316999	0.71%	0.130%
36	29.937	4565	4571	4578	PV 4	1635	32197	0.07%	0.013%
37	30.765	4698	4712	4752	VV 2	1432646	32527592	73.10%	13.319%

38	31.341	4801	4810	4815	PV	3	2315	44204	0.10%	0.018%
39	33.197	5118	5126	5133	PV	4	3915	68990	0.16%	0.028%
40	34.320	5307	5317	5325	PV	3	7299	146093	0.33%	0.060%
41	34.660	5361	5375	5408	VV	2	857376	20078938	45.12%	8.222%
42	34.866	5408	5410	5422	VV	6	3698	124909	0.28%	0.051%
43	35.371	5488	5496	5510	VV	2	10034	260205	0.58%	0.107%
44	36.447	5668	5679	5689	VV	3	9451	284637	0.64%	0.117%
45	37.710	5884	5894	5907	VV	6	7449	225431	0.51%	0.092%
46	39.249	6143	6156	6170	BV	8	4277	167584	0.38%	0.069%

Sum of corrected areas: 244223048

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052302\11928.D
Operator : Mclean
Acquired : 23 May 2002 3:40 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/22ad
Misc Info :
Vial Number: 8
Quant File :052202.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11928.D Vial: 8
Acq On : 23 May 2002 3:40 pm Operator: Mclean
Sample : 5/22ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

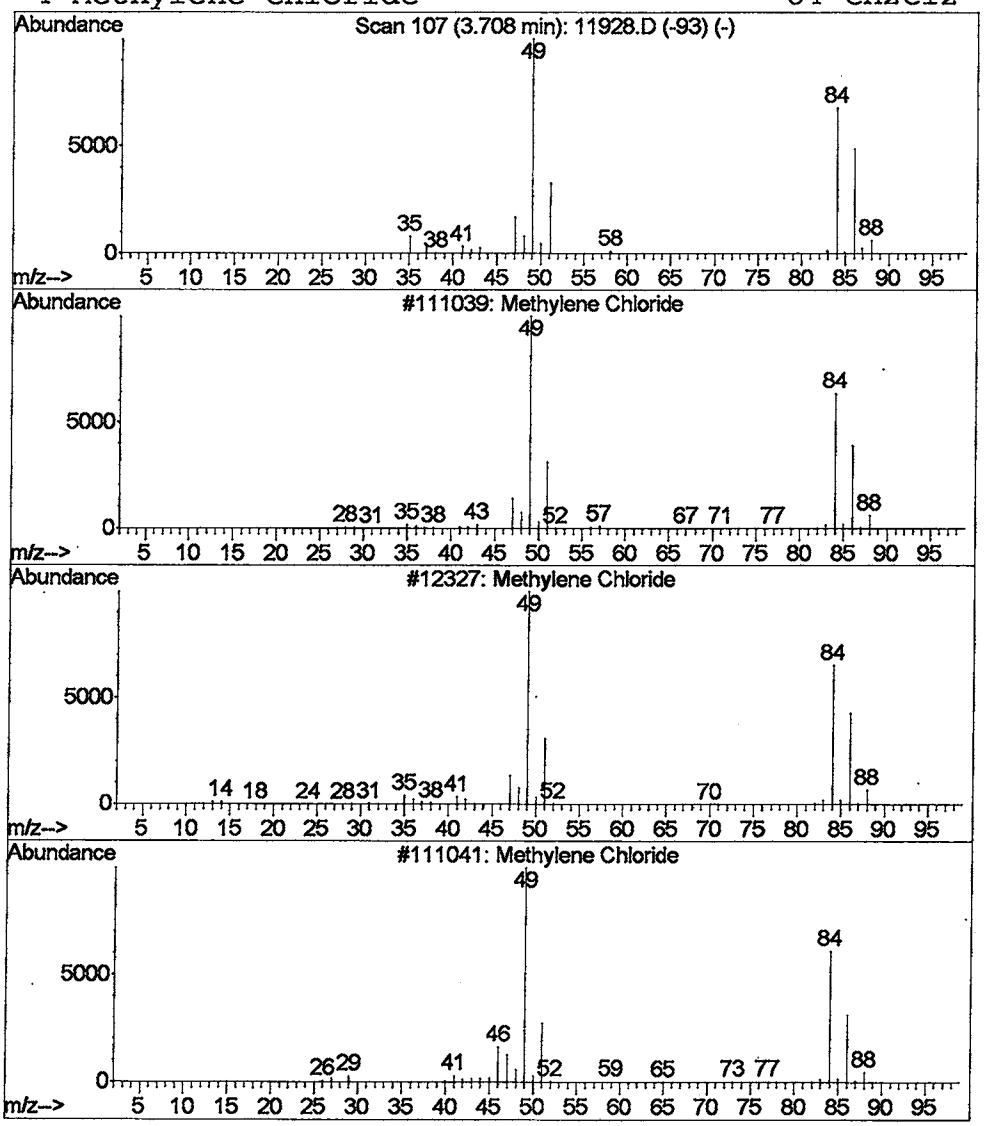
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

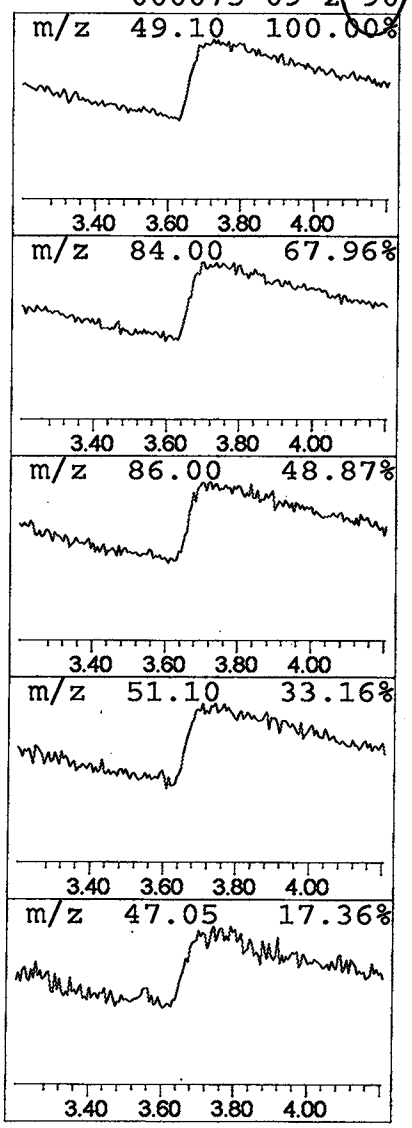
****

Peak Number 1 Methylene Chloride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	1.91 ug/L	1392970	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	90





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11928.D
Acq On : 23 May 2002 3:40 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 8
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

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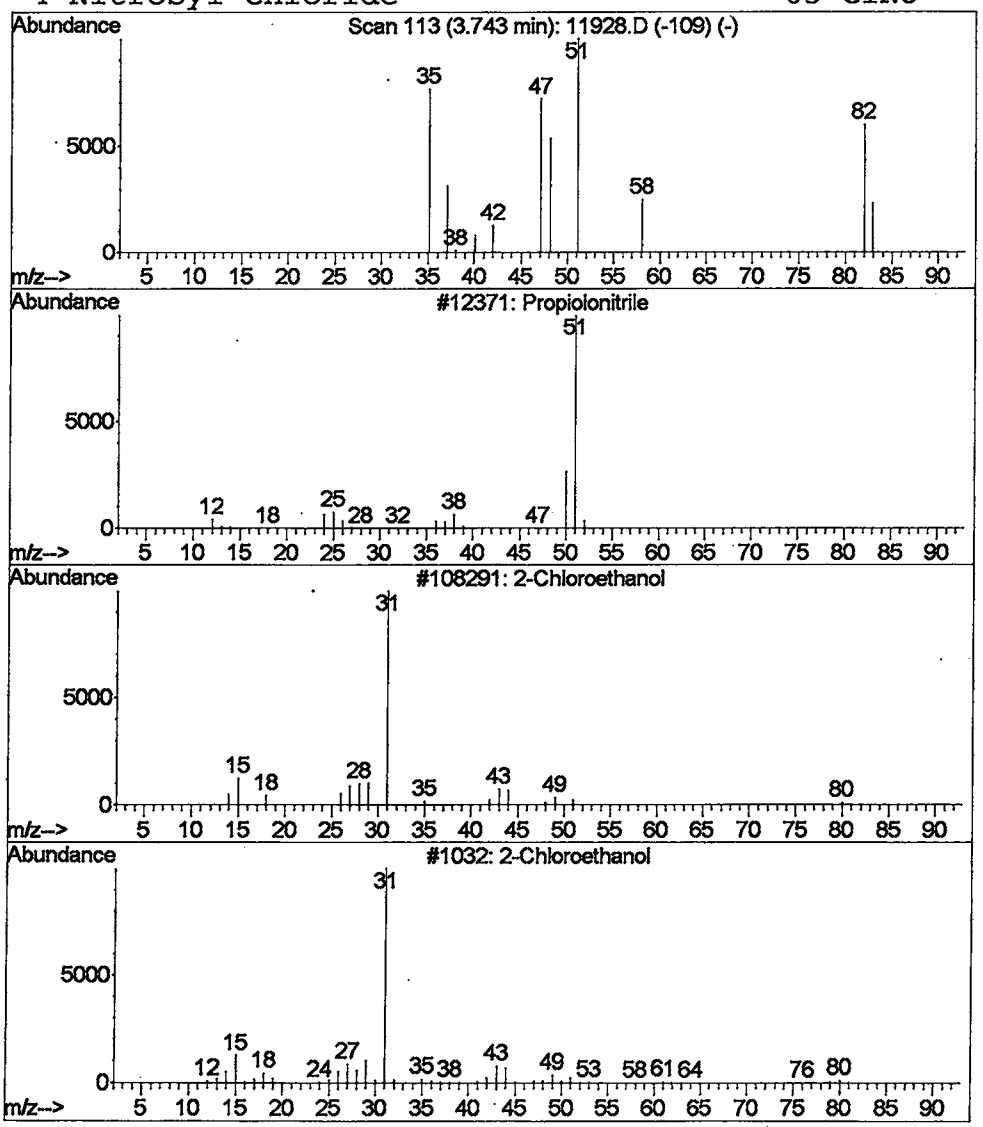
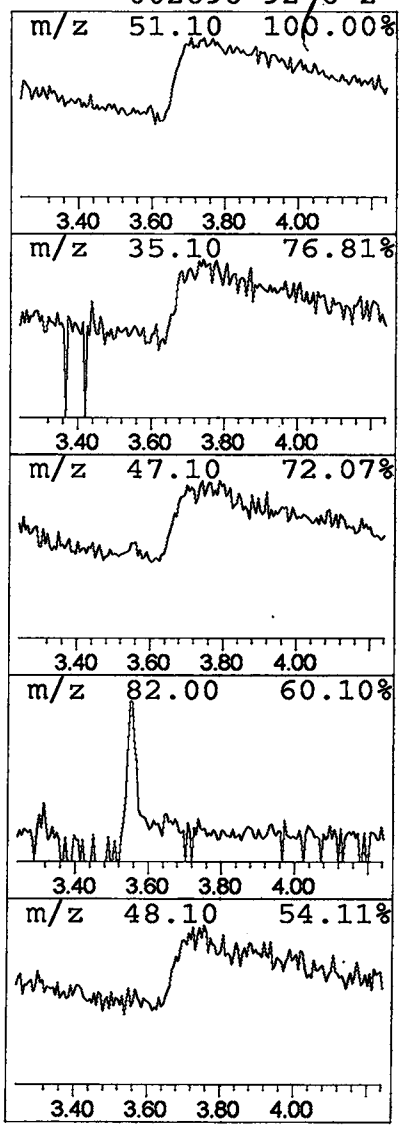
Peak Number 2 Propiolonitrile Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	2.64 ug/L	1929340	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propiolonitrile	51	C3HN	001070-71-9	3
2	2-Chloroethanol	80	C2H5ClO	000107-07-3	2
3	2-Chloroethanol	80	C2H5ClO	000107-07-3	2
4	Nitrosyl chloride	65	ClNO	002696-92-6	2





Library Search Compound Report

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Acq On : 23 May 2002 3:40 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 8
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

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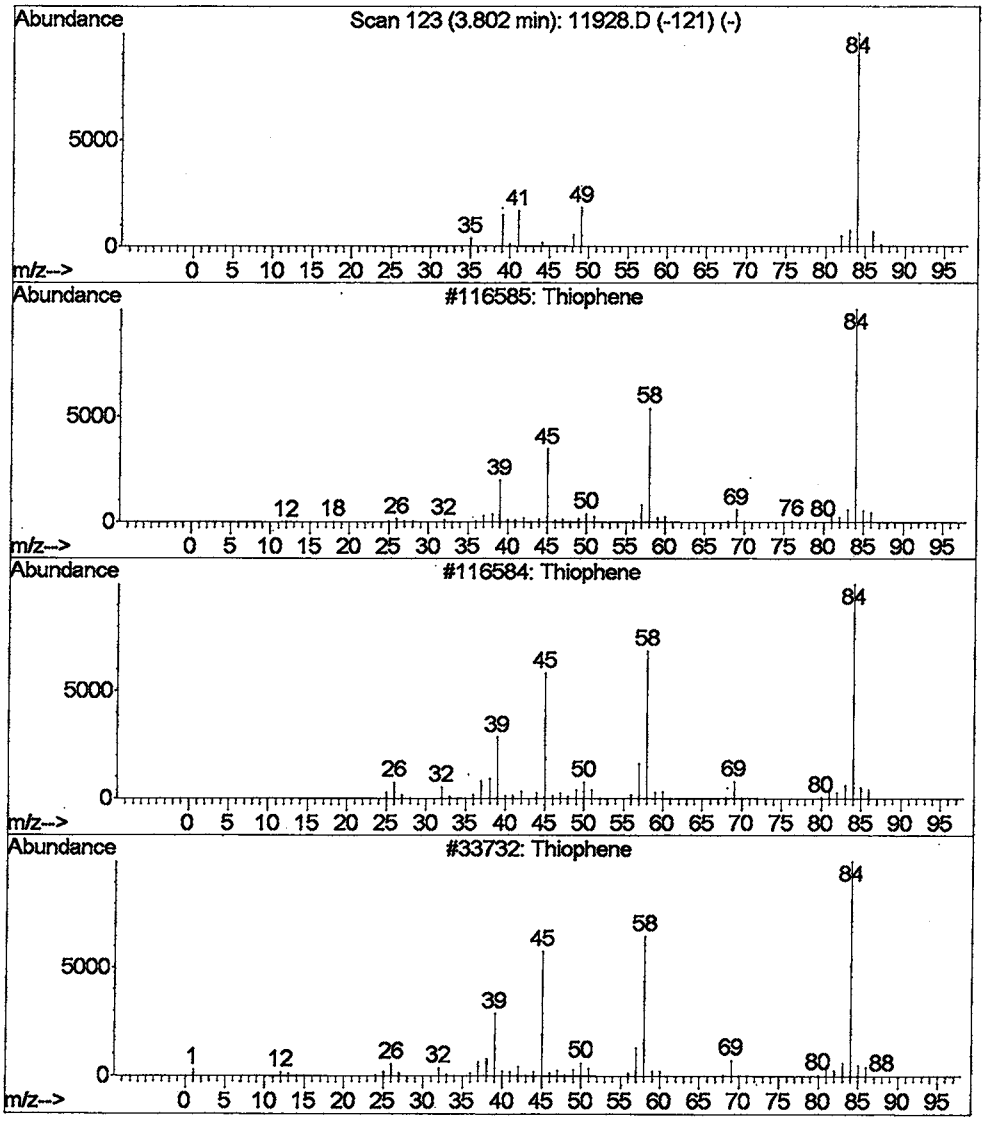
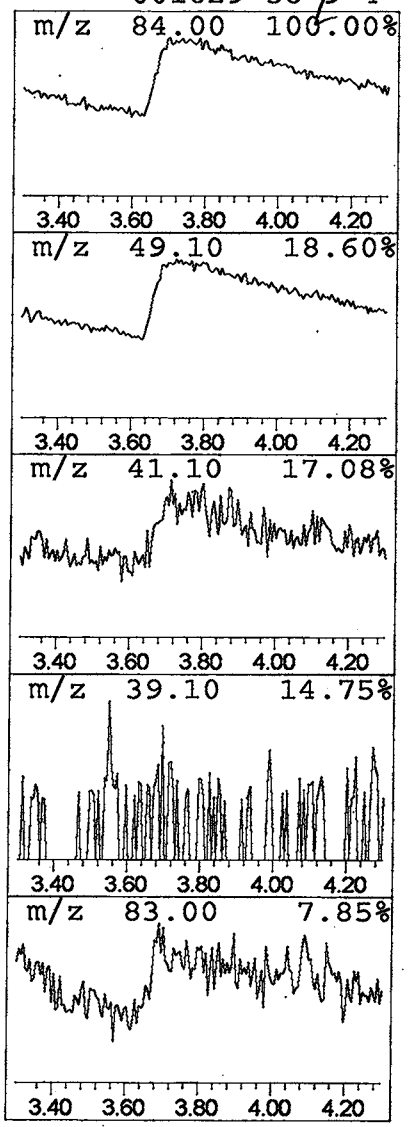
Peak Number 3 Thiophene — Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	1.24 ug/L	905059	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	5
2	Thiophene	84	C4H4S	000110-02-1	5
3	Thiophene	84	C4H4S	000110-02-1	5
4	1-Penten-3-one	84	C5H8O	001629-58-9	4





Library Search Compound Report

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Acq On : 23 May 2002 3:40 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 8
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

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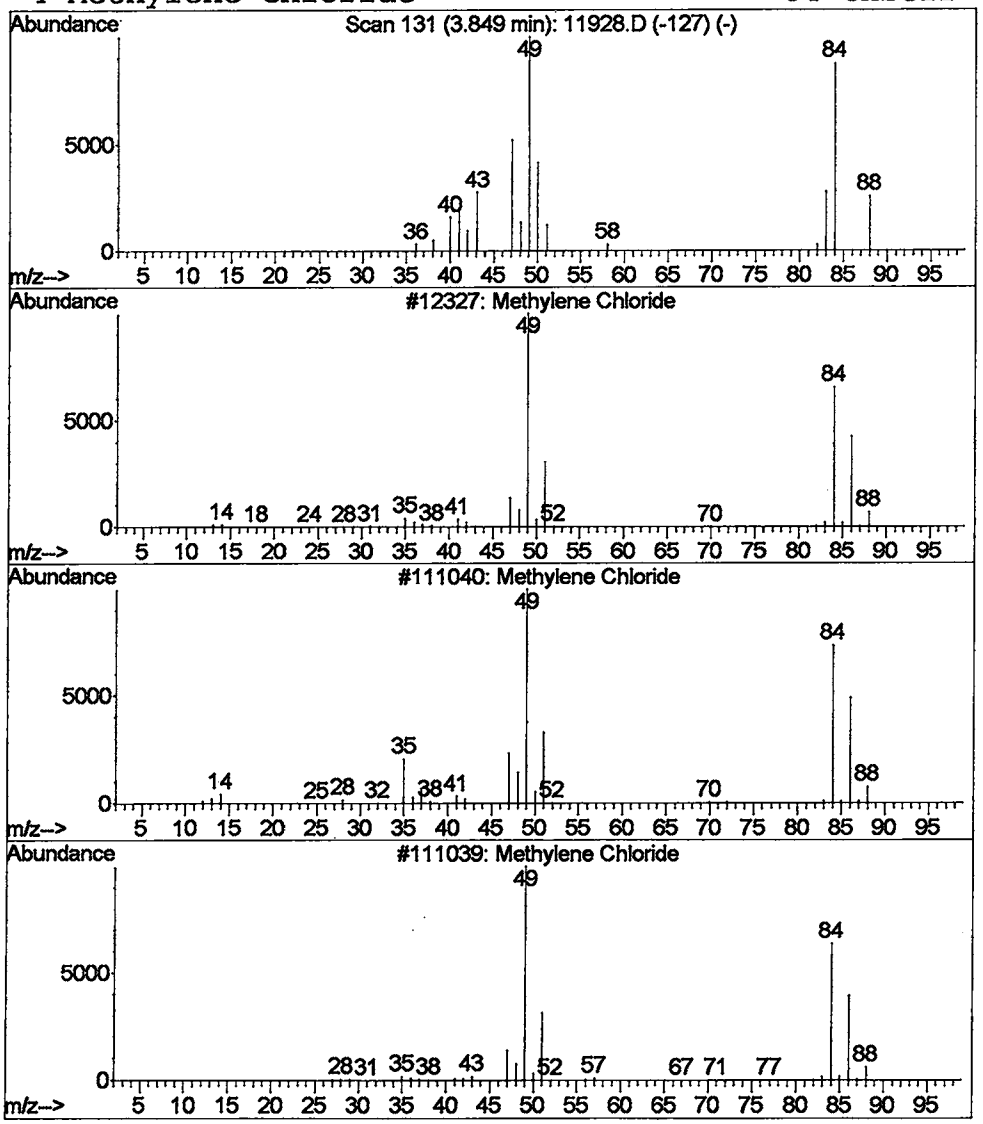
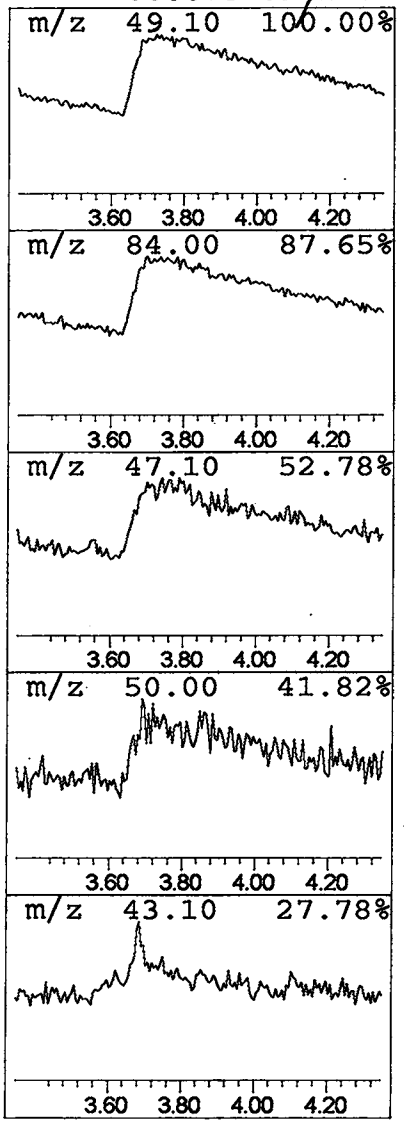
Peak Number 4 Methylene Chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	2.96 ug/L	2165080	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	50
2	Methylene Chloride	84	CH2Cl2	000075-09-2	33
3	Methylene Chloride	84	CH2Cl2	000075-09-2	33
4	Methylene Chloride	84	CH2Cl2	000075-09-2	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11928.D
Acq On : 23 May 2002 3:40 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 8
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

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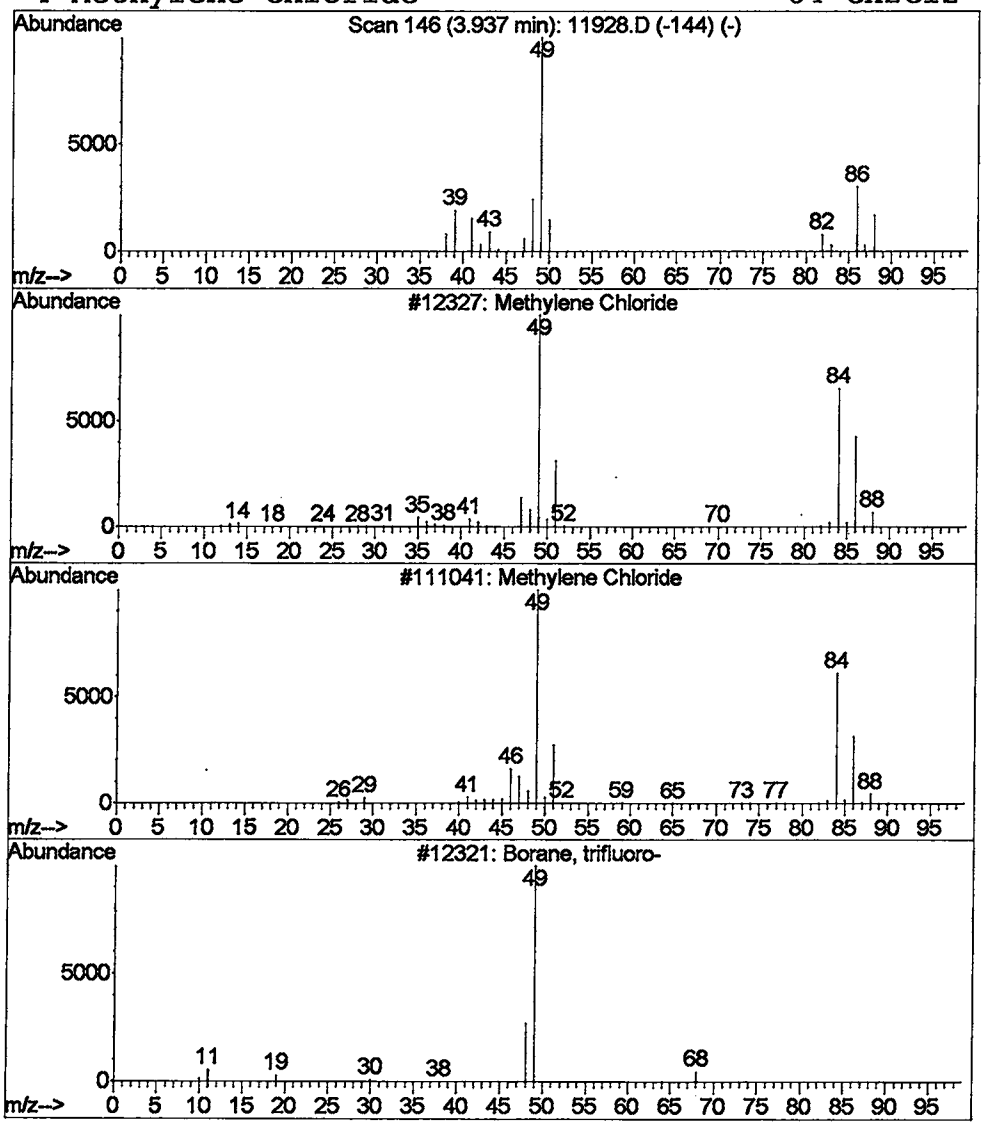
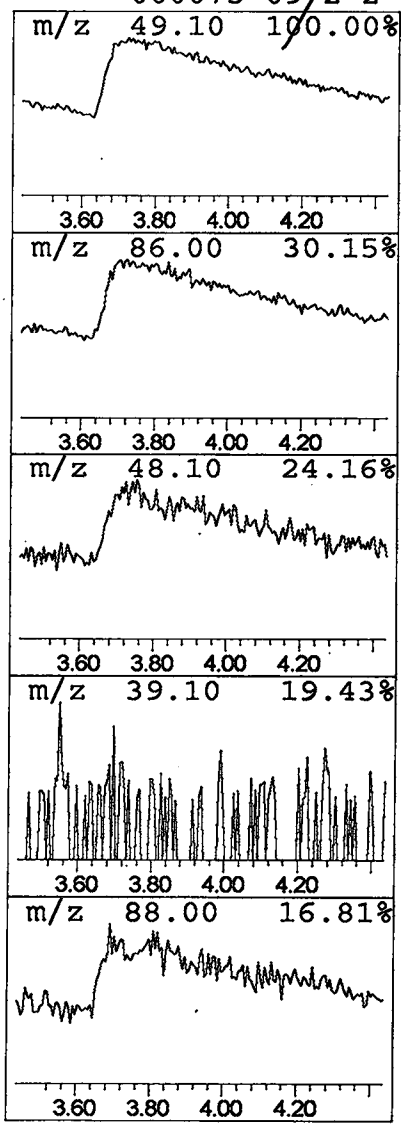
Peak Number 5 Methylene Chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	0.80 ug/L	585404	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	Borane, trifluoro-	68	BF3	007637-07-2	2
4	Methylene Chloride	84	CH2Cl2	000075-09-2	2





Library Search Compound Report

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Acq On : 23 May 2002 3:40 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 8
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

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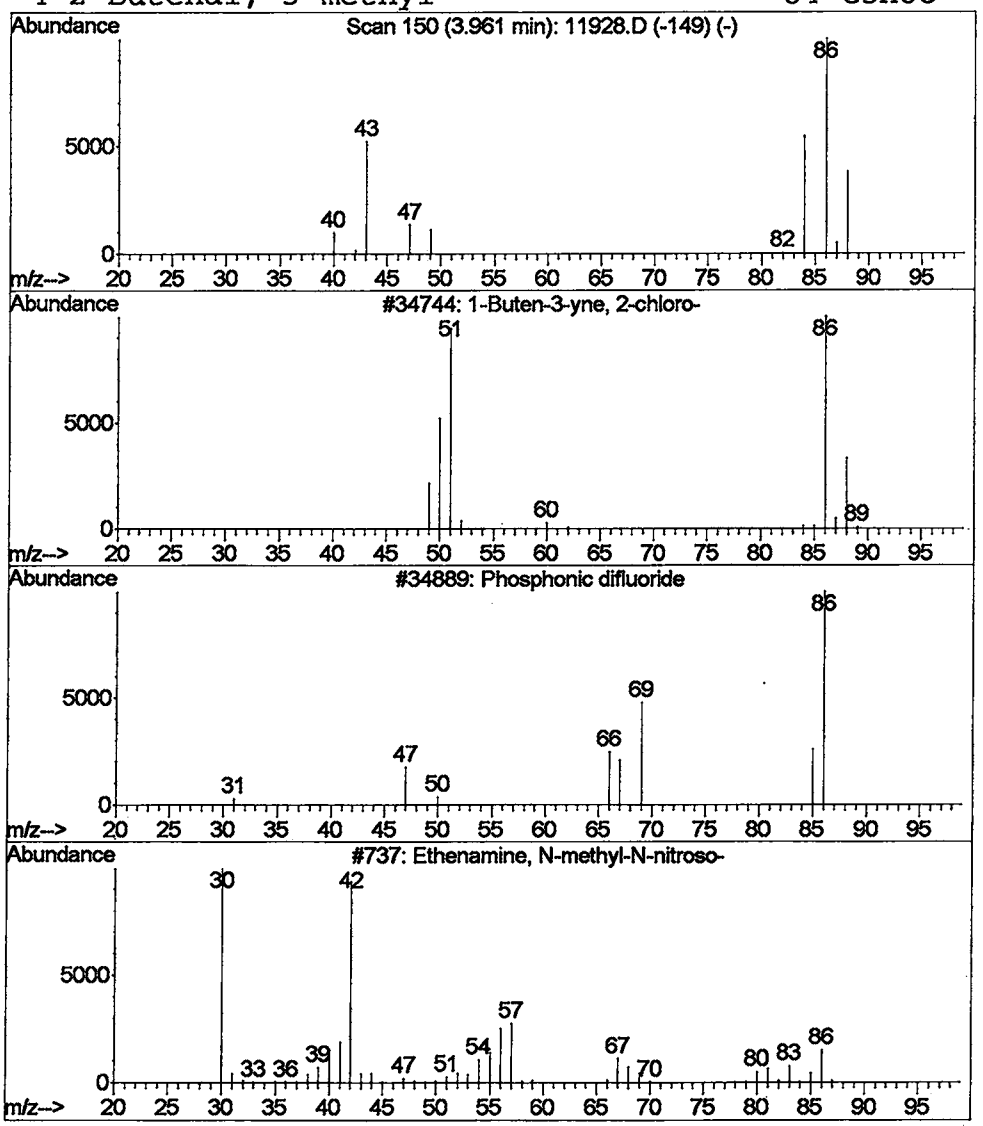
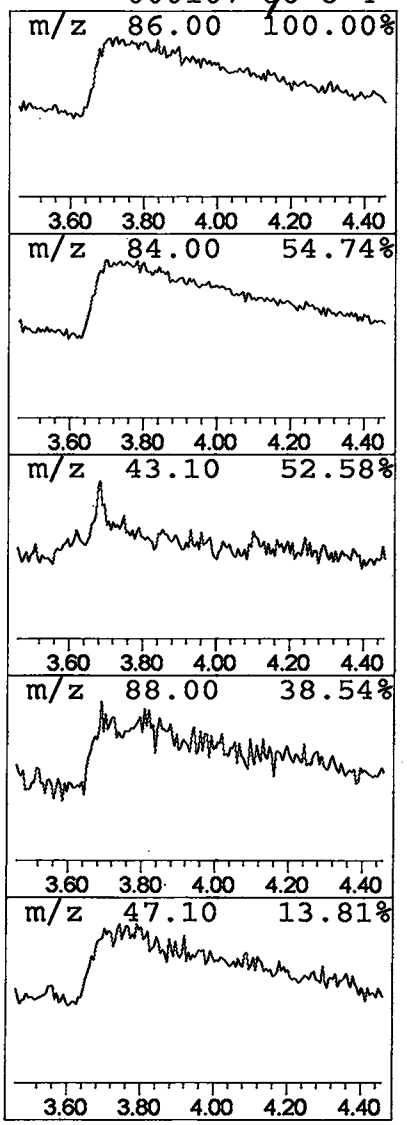
Peak Number 6 1-Buten-3-yne, 2-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	3.62 ug/L	2647230	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Buten-3-yne, 2-chloro-	86	C4H3Cl	017712-36-6	9
2	Phosphonic difluoride	86	F2HOP	014939-34-5	5
3	Ethenamine, N-methyl-N-nitroso-	86	C3H6N2O	004549-40-0	5
4	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11928.D
Acq On : 23 May 2002 3:40 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 8
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

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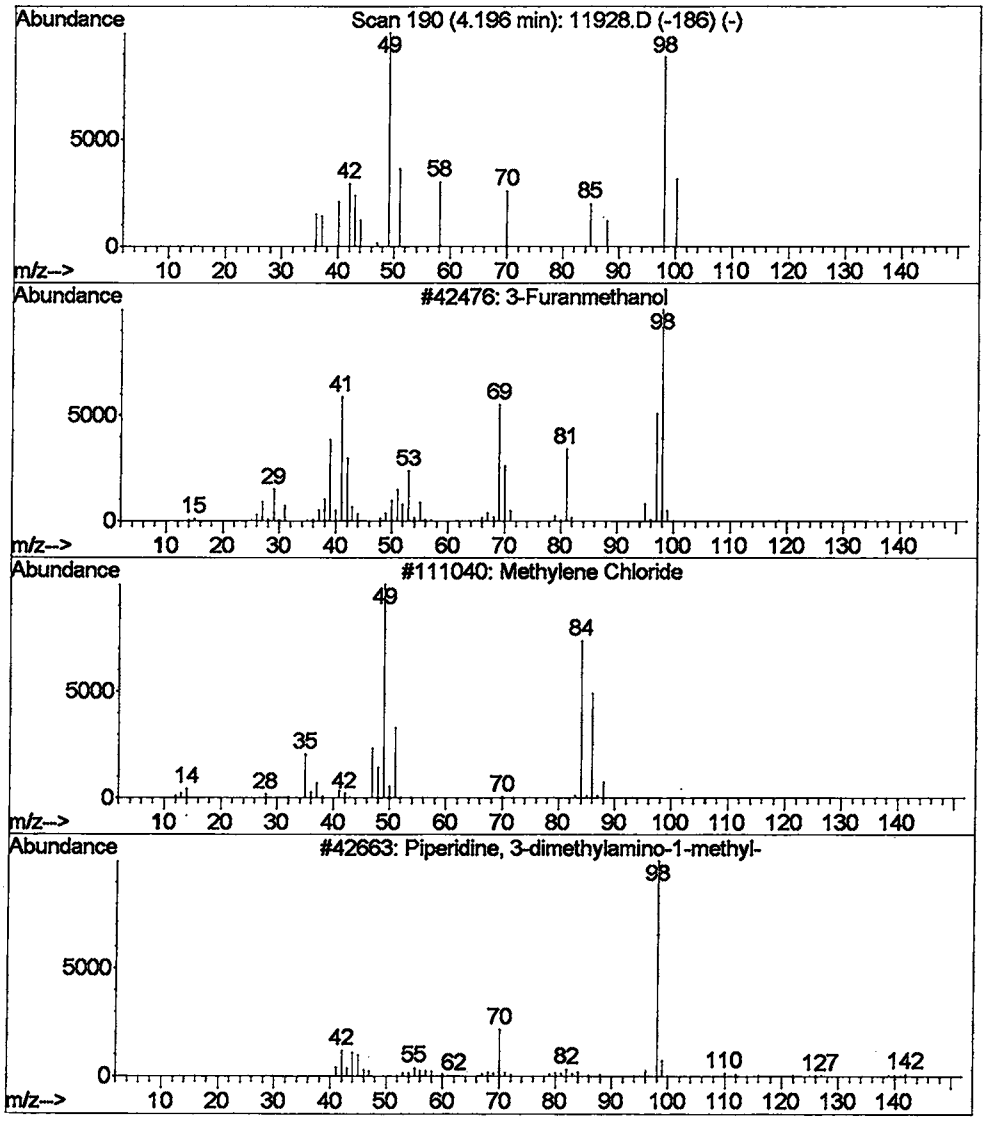
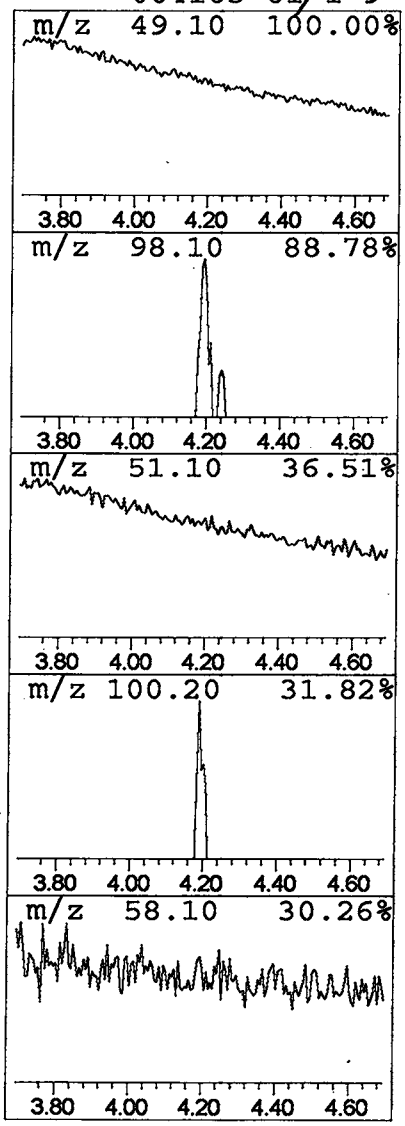
Peak Number 7 3-Furanmethanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	0.96 ug/L	703302	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Furanmethanol	98	C5H6O2	004412-91-3	9
2	Methylene Chloride	84	CH2Cl2	000075-09-2	9
3	Piperidine, 3-dimethylamino-1-me...	142	C8H18N2	1000126-80-8	9
4	Benzen-d5-amine	98	C6H2D5N	004165-61-1	9





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Multiplr: 1.00

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

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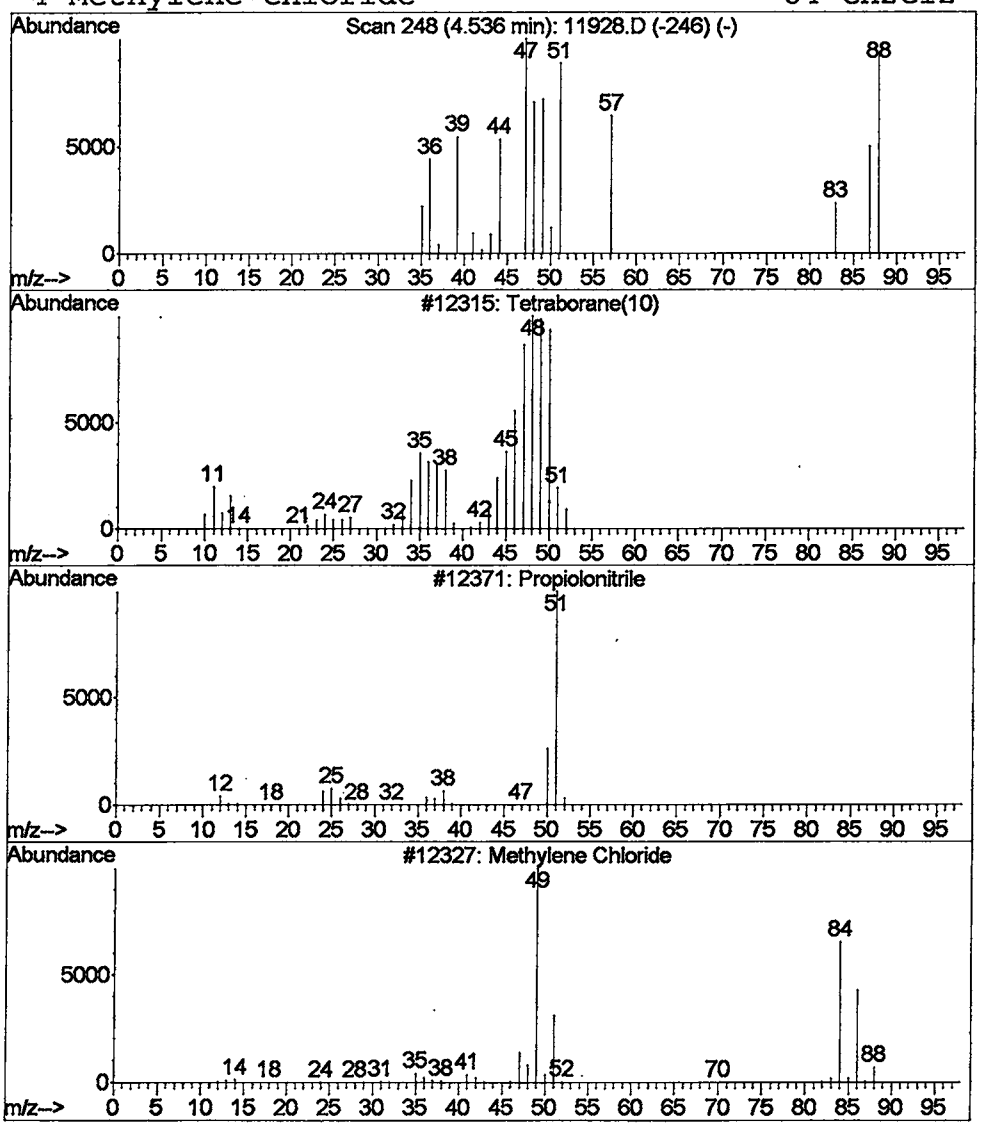
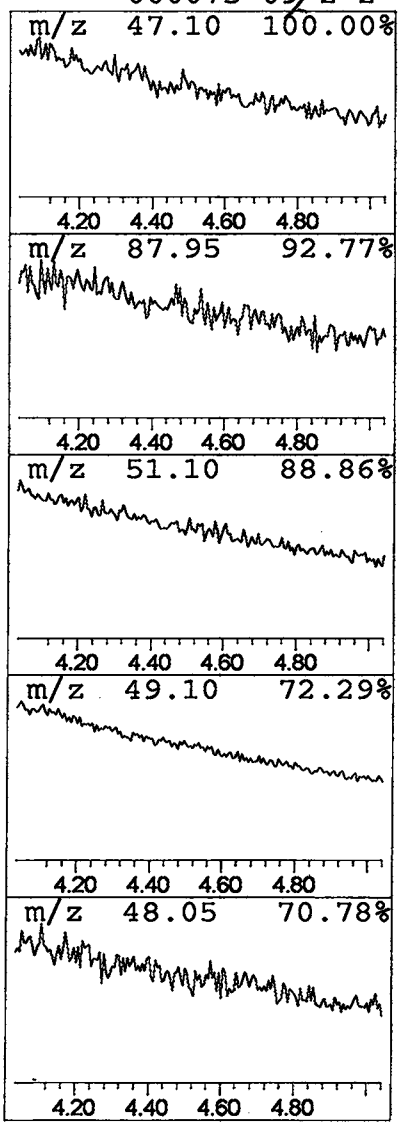
Peak Number 8 Tetraborane(10) Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	1.00 ug/L	730349	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetraborane(10)	54	B4H10	018283-93-7	10
2	Propiolonitrile	51	C3HN	001070-71-9	4
3	Methylene Chloride	84	CH2Cl2	000075-09-2	2
4	Methylene Chloride	84	CH2Cl2	000075-09-2	2





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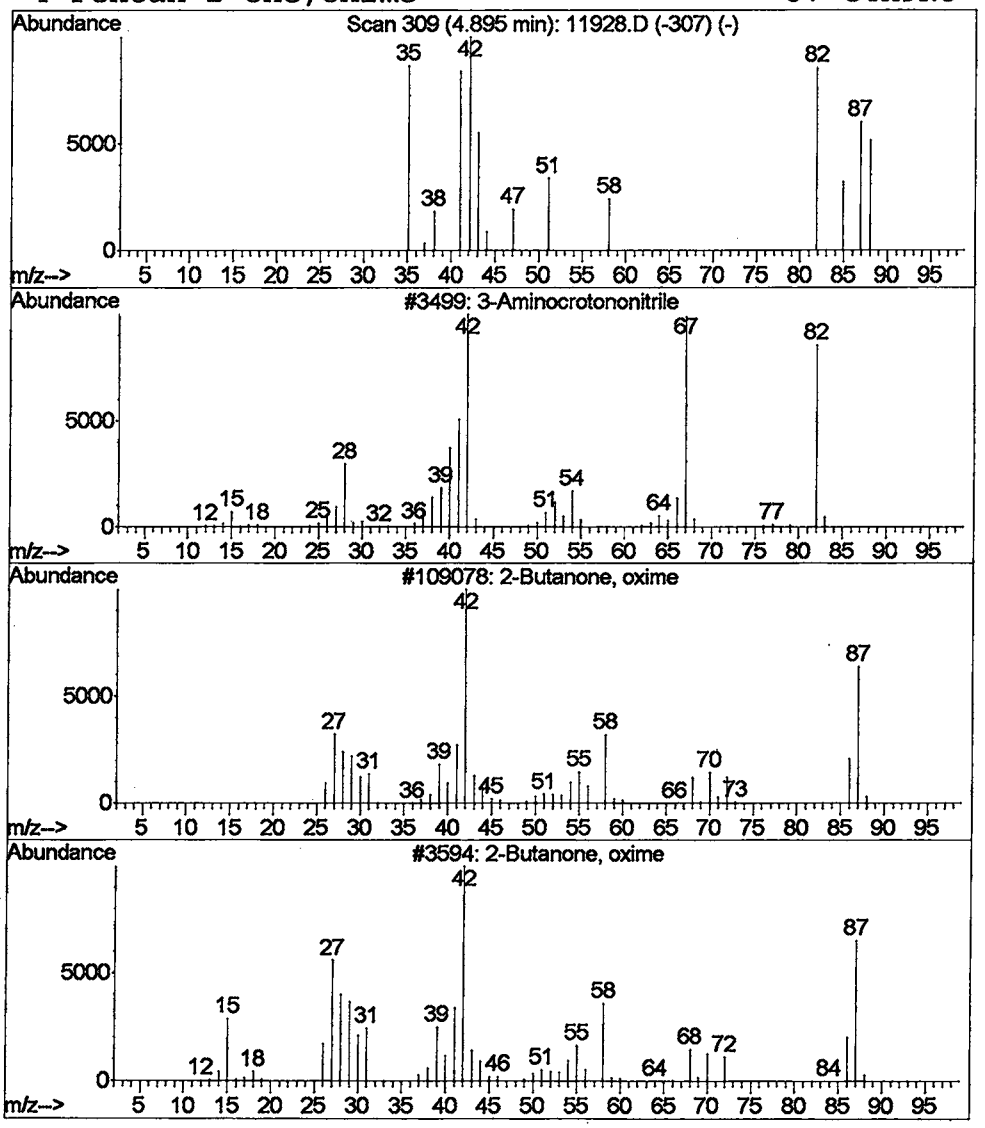
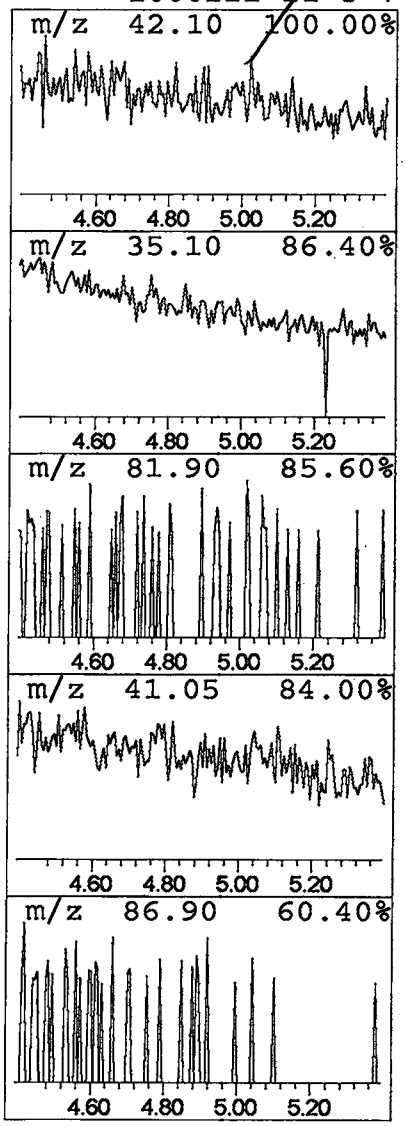
Peak Number 9 3-Aminocrotononitrile Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	0.24 ug/L	172477	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Aminocrotononitrile	82	C4H6N2	001118-61-2	9
2	2-Butanone, oxime	87	C4H9NO	000096-29-7	9
3	2-Butanone, oxime	87	C4H9NO	000096-29-7	9
4	Pentan-2-one,oxime	87	C4H9NO	1000222-21-5	7





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

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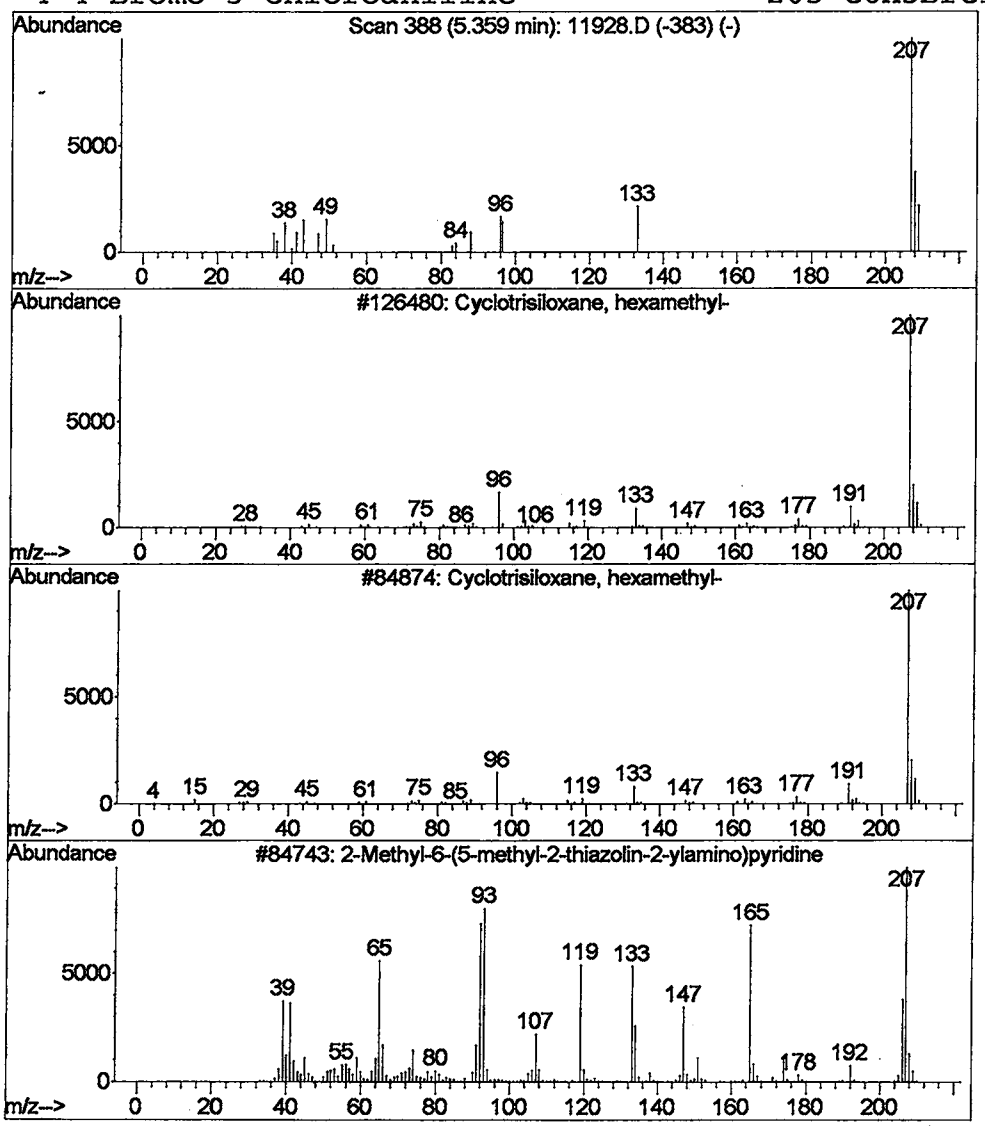
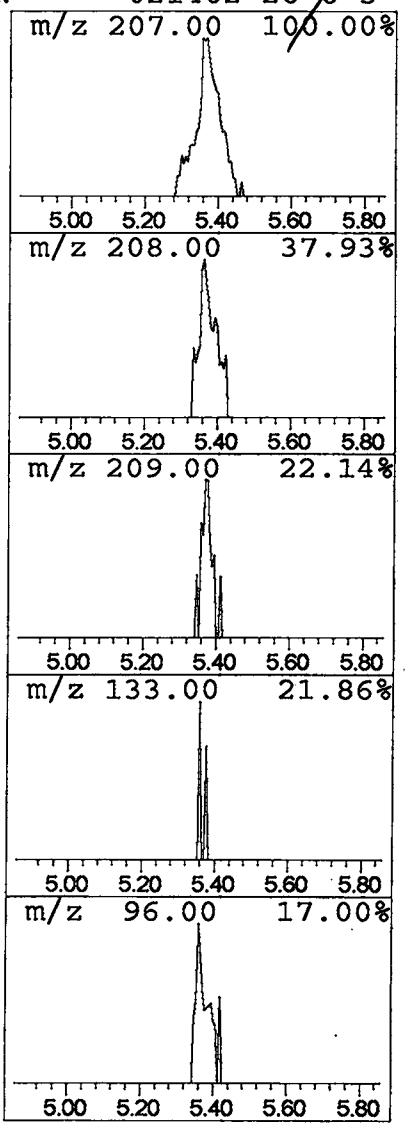
Peak Number 10 Cyclotrisiloxane, hexamethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	0.24 ug/L	172644	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	9
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	9
3	2-Methyl-6-(5-methyl-2-thiazolin...	207	C10H13N3S	1000225-39-3	5
4	4-Bromo-3-chloroaniline	205	C6H5BrClN	021402-26-6	5





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

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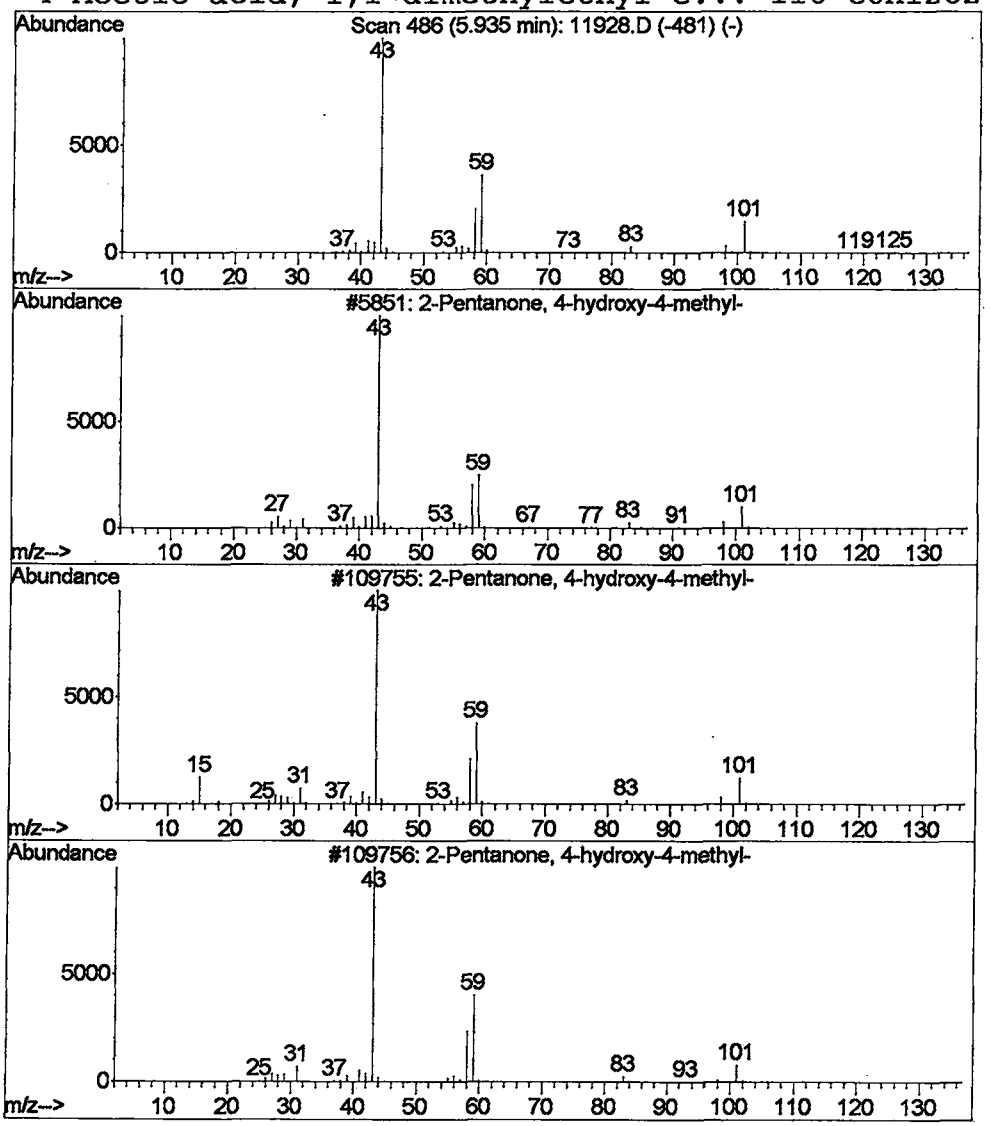
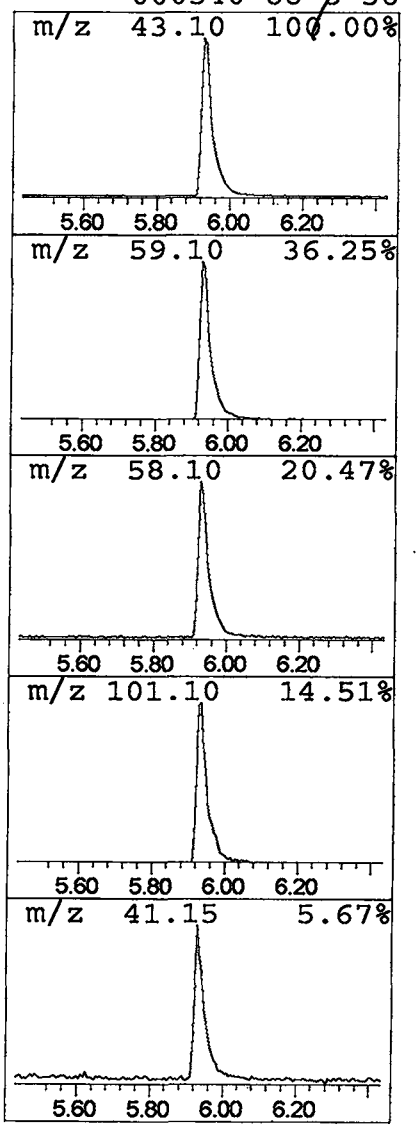
Peak Number 11 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	7.56 ug/L	5519880	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	78
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36





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Library : C:\DATABASE\NIST98.L

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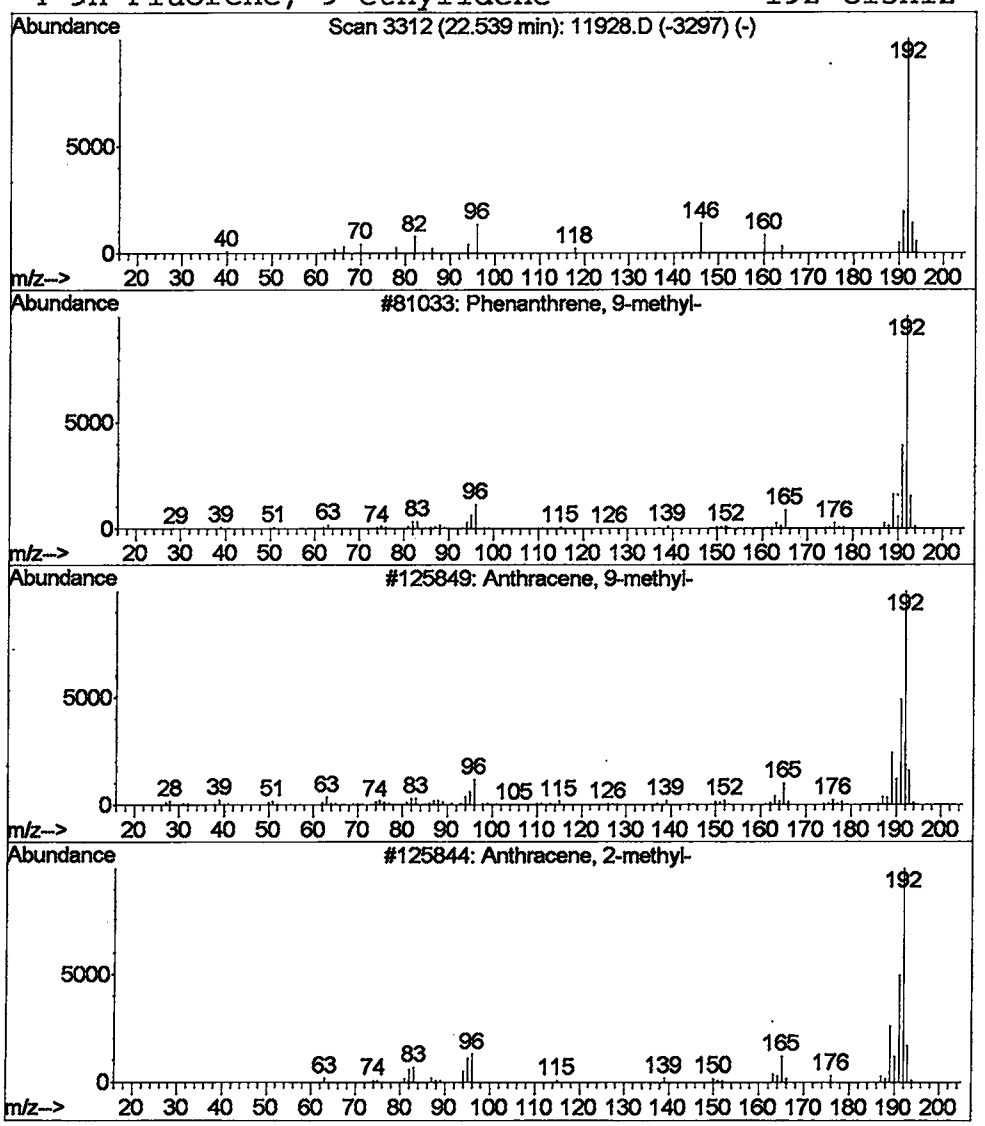
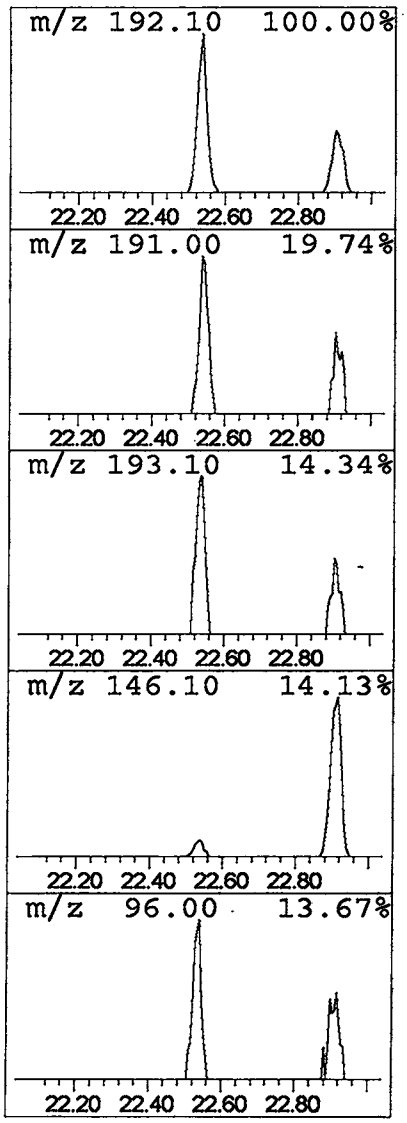
Peak Number 12 Phenanthrene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	0.28 ug/L	313082	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	42
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4	9H-Fluorene, 9-ethylidene-	192	C15H12	007151-64-6	40





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Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
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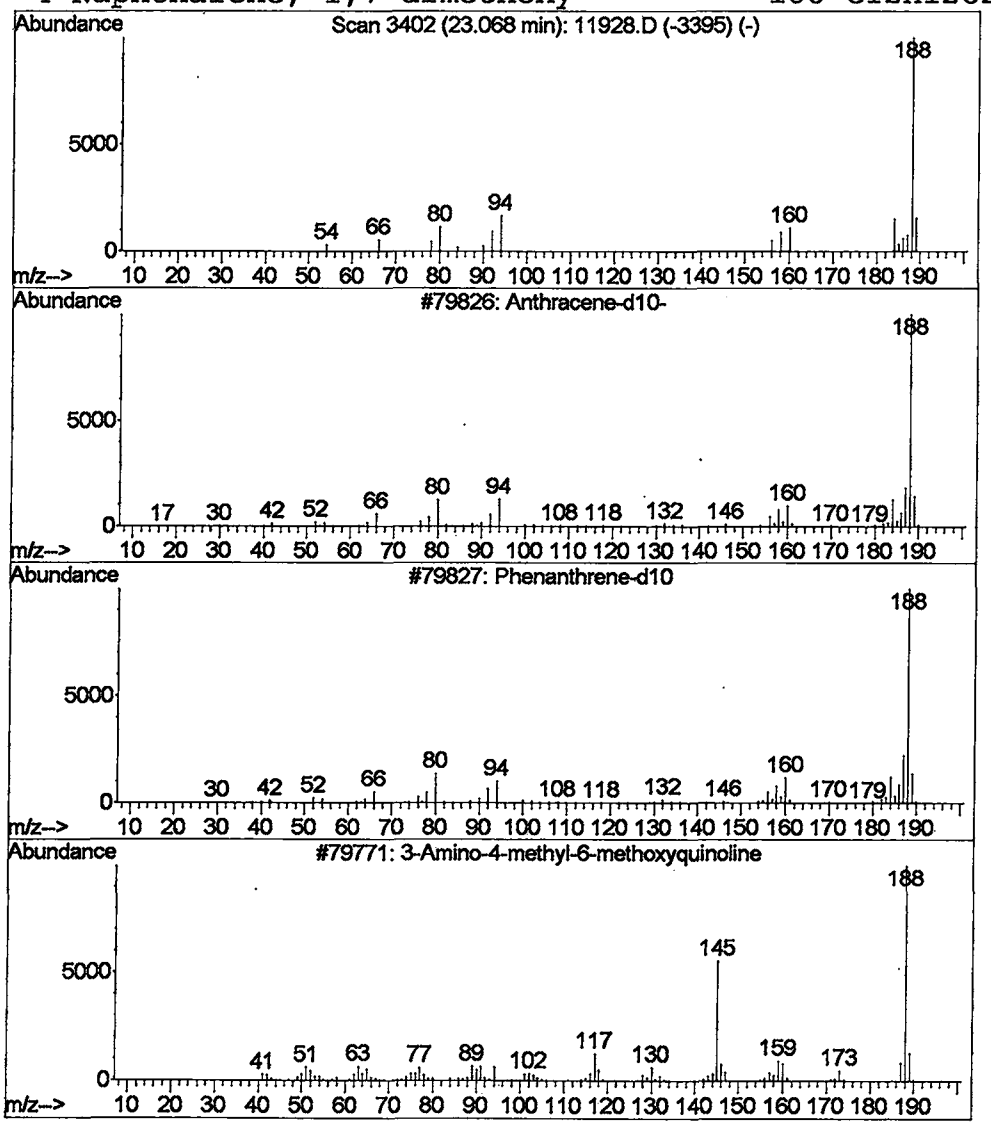
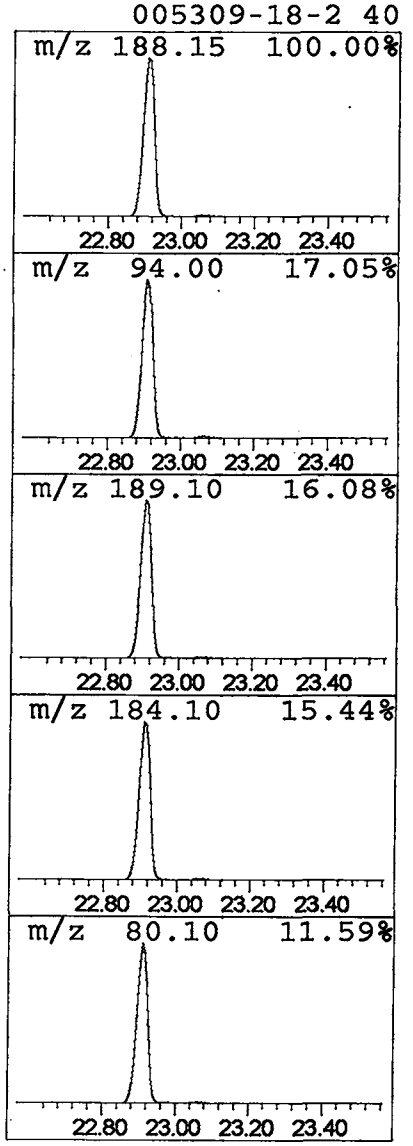
Peak Number 13 Anthracene-d10- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	0.28 ug/L	316999	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	94
2	Phenanthrene-d10	188	C14D10	001517-22-2	91
3	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	40
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	40





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MS Integration Params: LSCINT.e

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

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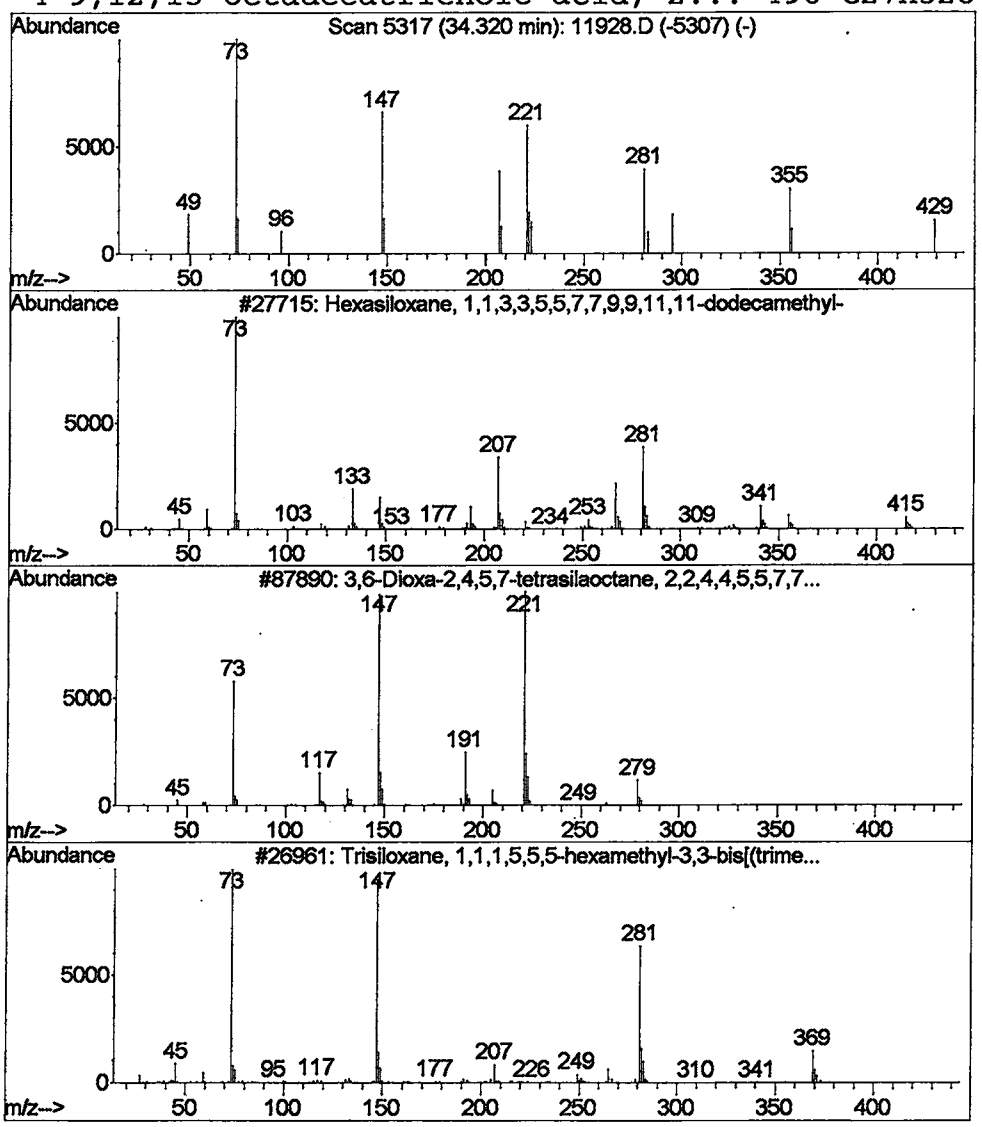
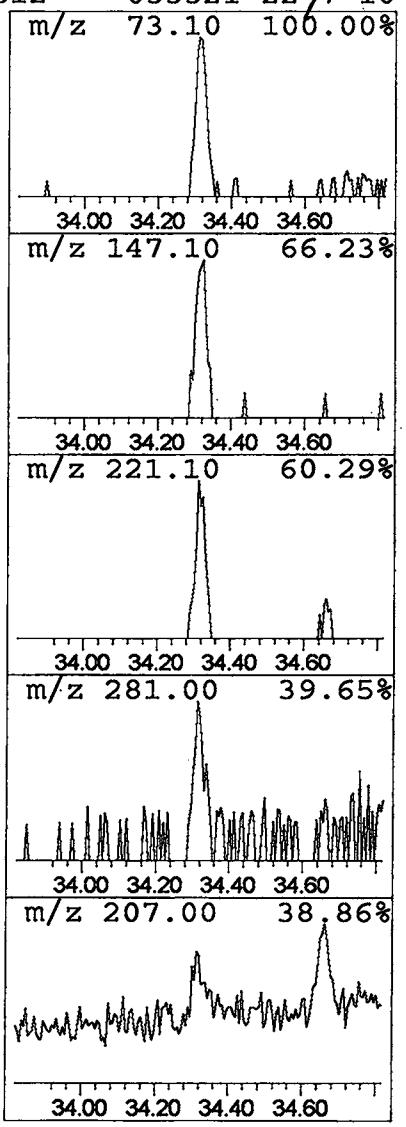
Peak Number 14 Hexasiloxane, 1,1,3,3,5,5,7... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.32	0.29 ug/L	146093	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	17
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	16
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	10
4	9,12,15-Octadecatrienoic acid, 2...	496	C27H52O4Si2	055521-22-7	10





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Title : 508 Modified GC/MS scan
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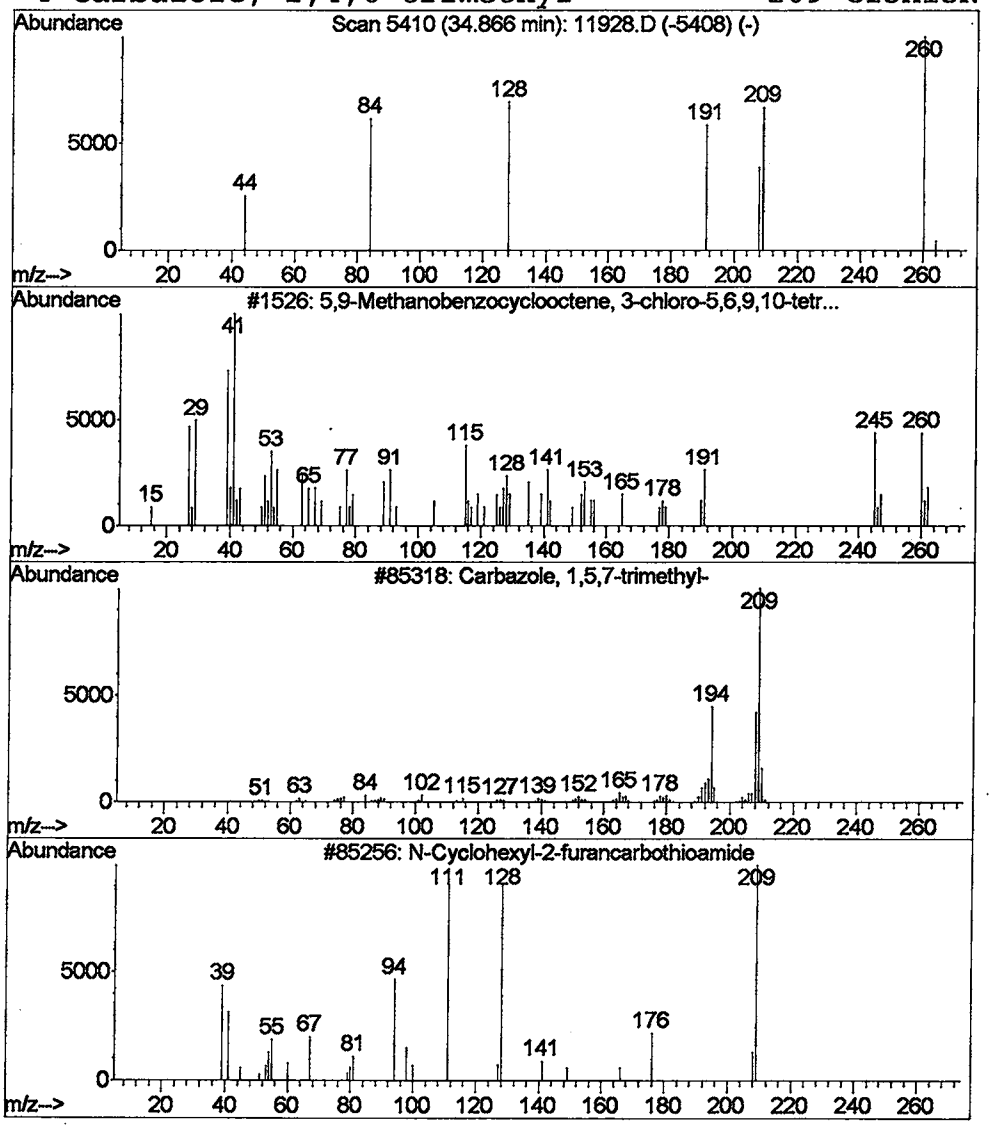
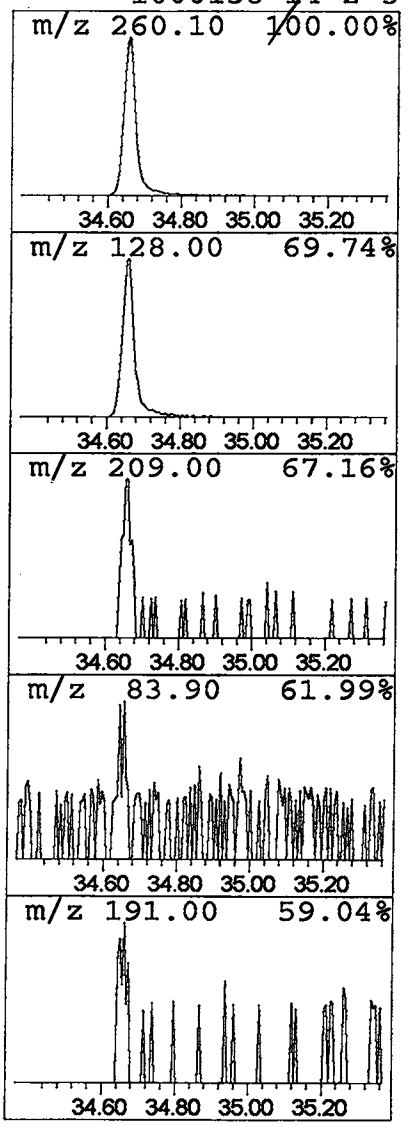
Peak Number 15 5,9-Methanobenzocyclooctene... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.87	0.25 ug/L	124909	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,9-Methanobenzocyclooctene, 3-c...	260	C17H21Cl	058241-05-7	9
2	Carbazole, 1,5,7-trimethyl-	209	C15H15N	1000138-13-9	5
3	N-Cyclohexyl-2-furancarbothioamide	209	C11H15NOS	1000147-69-3	5
4	Carbazole, 2,4,6-trimethyl-	209	C15H15N	1000138-14-2	5





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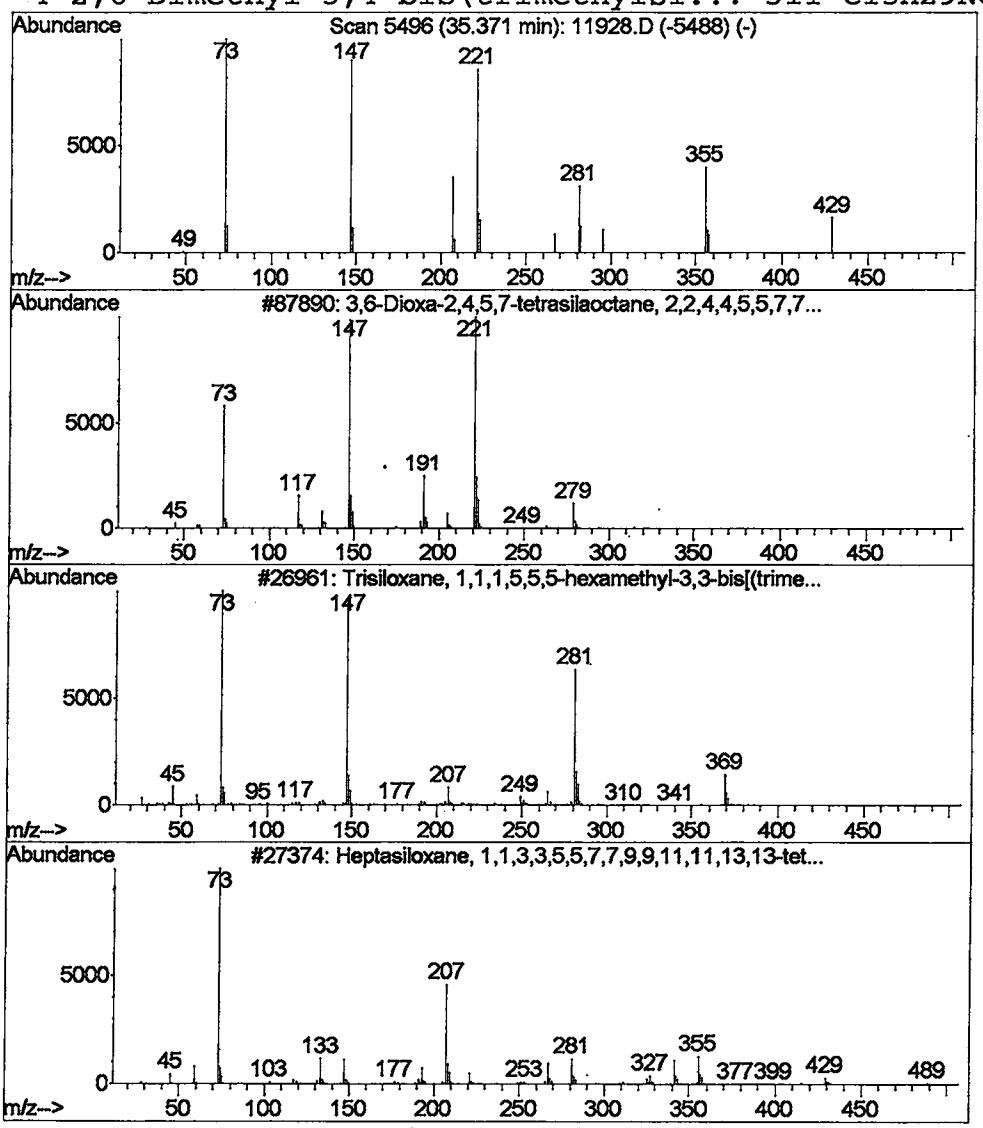
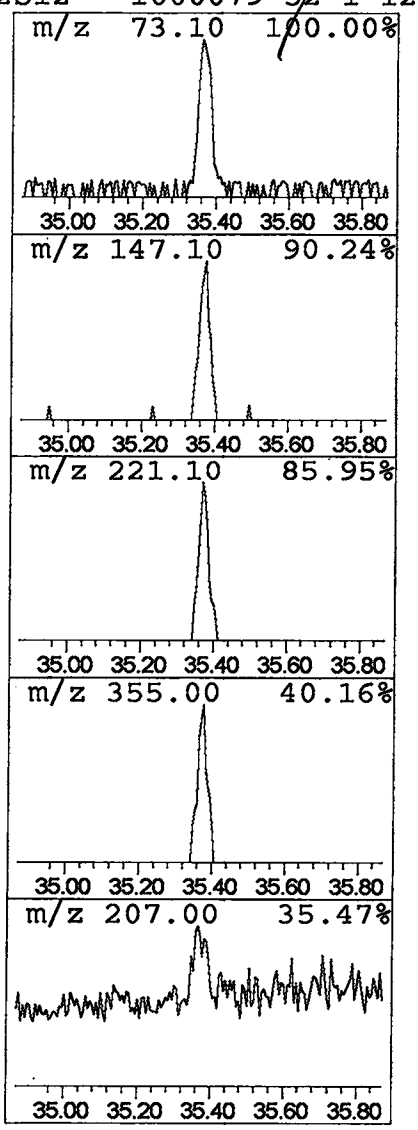
Peak Number 16 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.37	0.52 ug/L	260205	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	47
2	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	12
3	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	12
4	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	12





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Multiplr: 1.00

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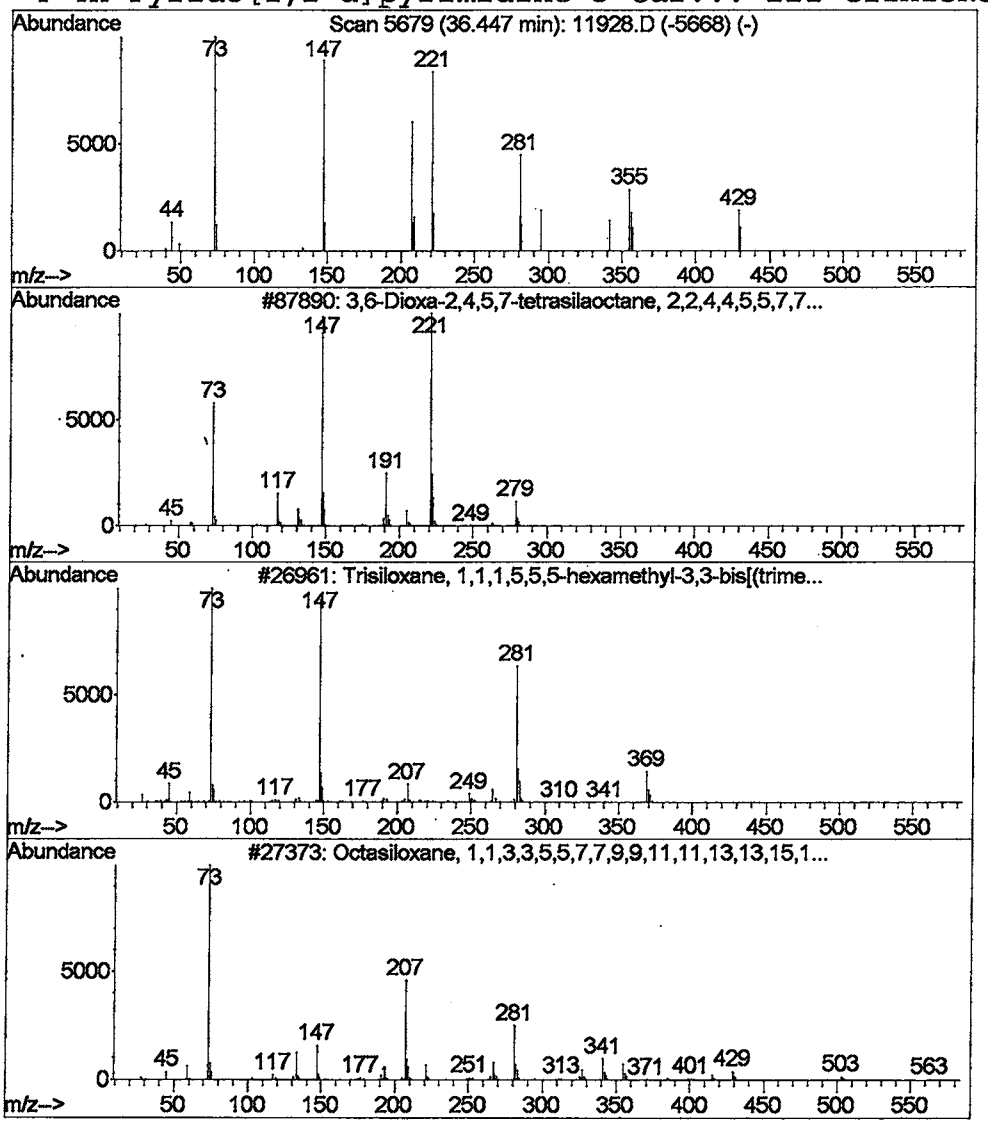
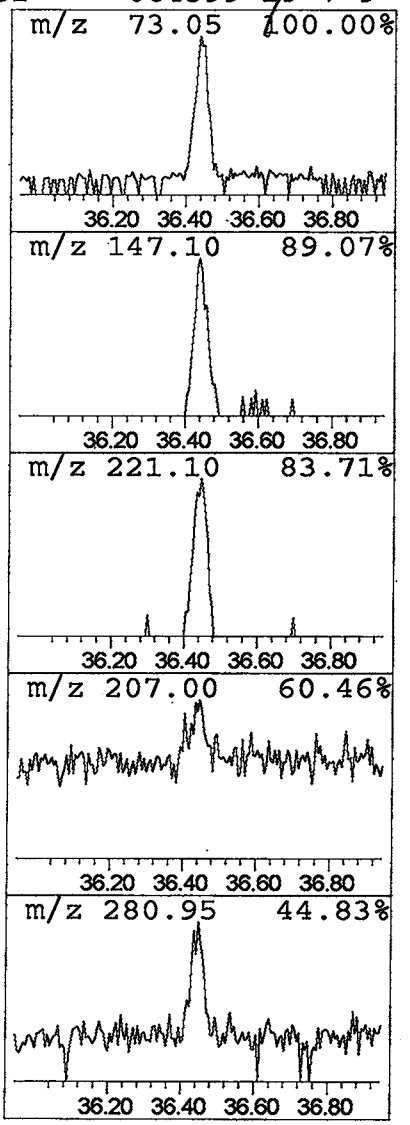
Peak Number 17 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.45	0.57 ug/L	284637	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	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	22
3	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	12
4	4H-Pyrido[1,2-a]pyrimidine-3-car...	221	C11H15N3O2	064399-29-7	9





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

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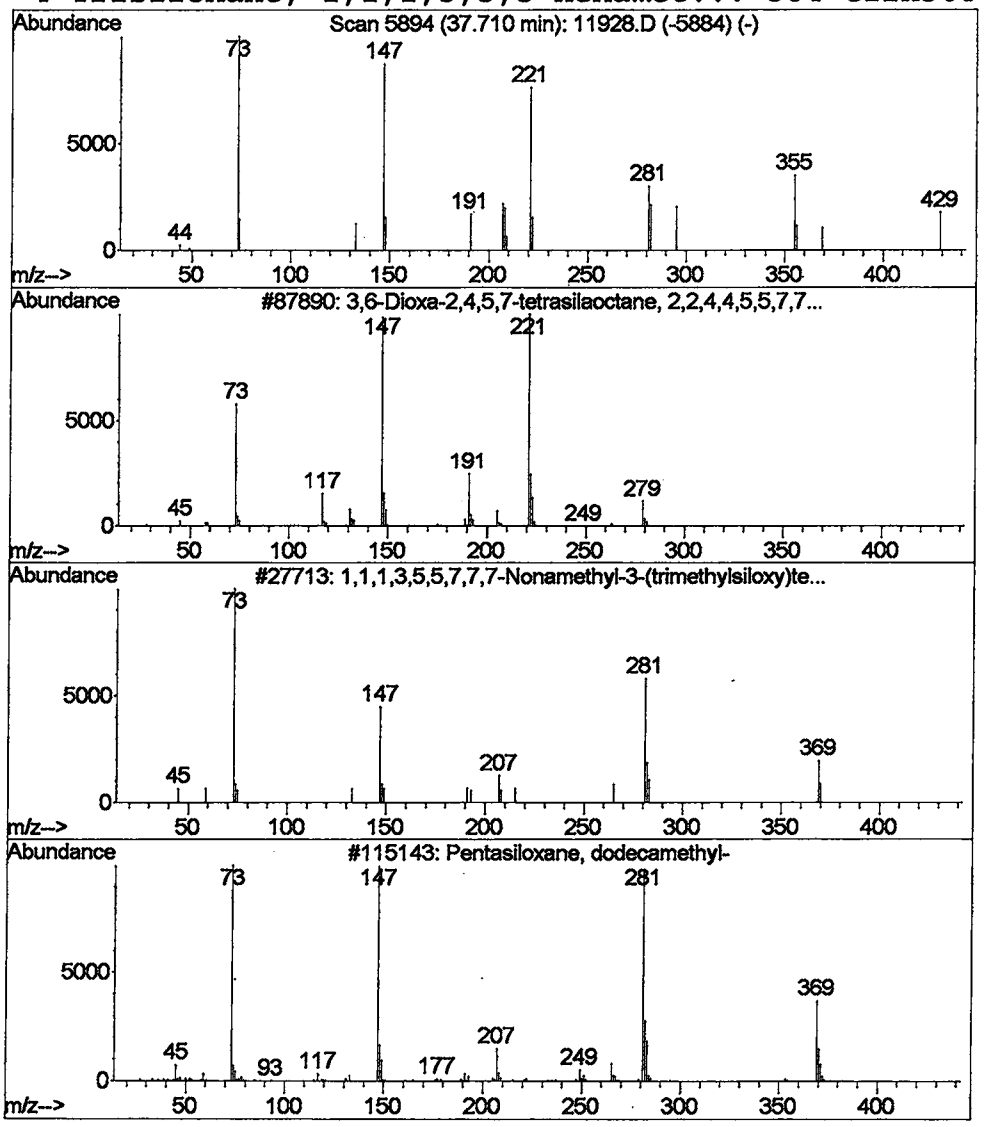
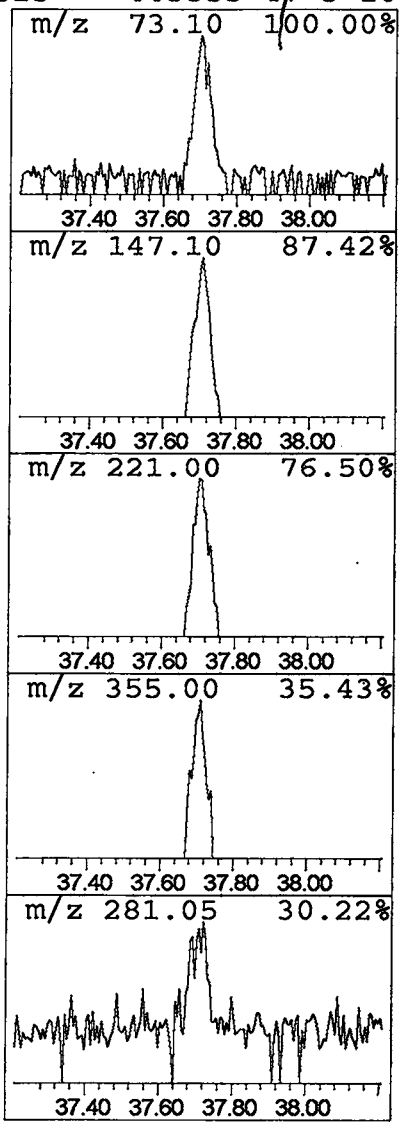
Peak Number 18 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.71	0.45 ug/L	225431	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	37
2	1,1,1,3,5,5,7,7,7-Nonamethyl-3-(...	384	C12H36O4Si5	038146-99-5	12
3	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	12
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	10





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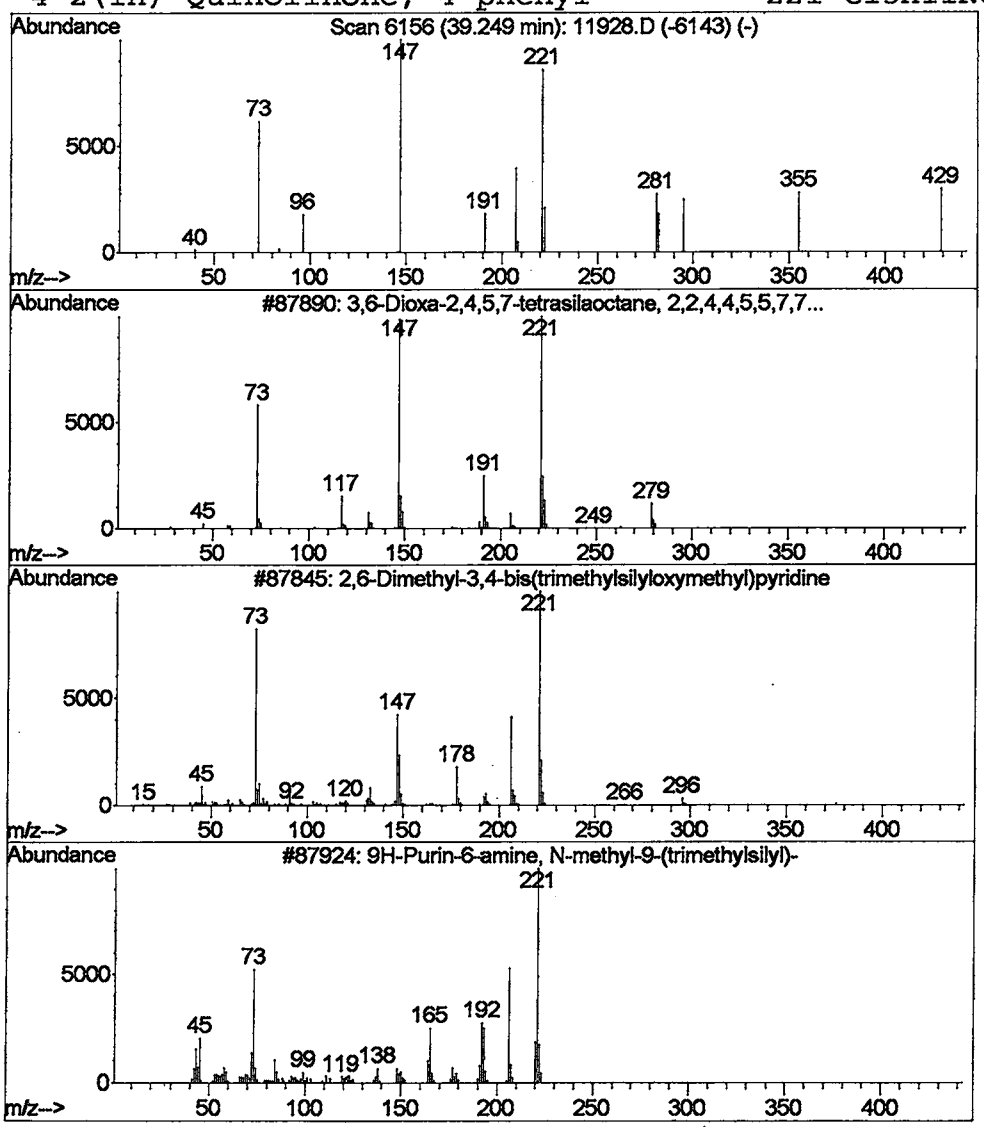
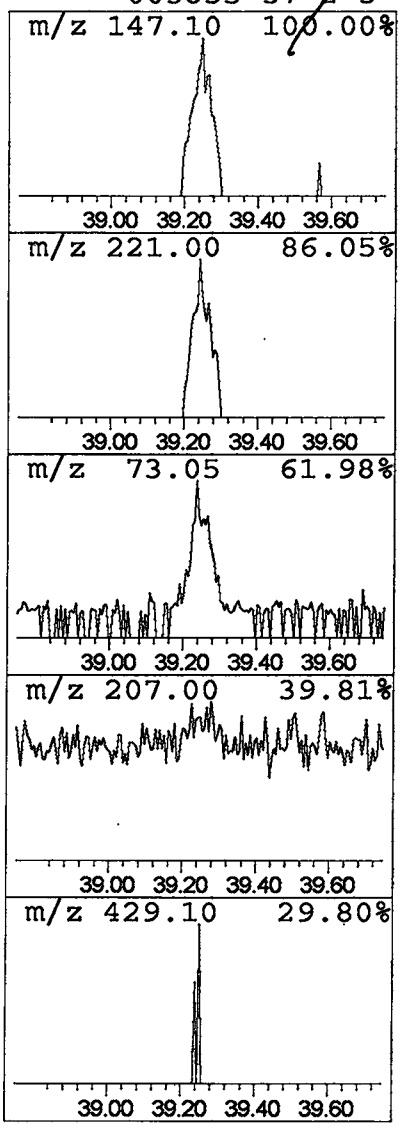
Peak Number 19 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.25	0.33 ug/L	167584	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	43
2	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	12
3	9H-Purin-6-amine, N-methyl-9-(tr...	221	C9H15N5Si	032865-83-1	9
4	2(1H)-Quinolinone, 4-phenyl-	221	C15H11NO	005855-57-2	5





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 23 May 2002 3:40 pm
Data File: C:\MSDCHEM\1\DATA\052302\11928.D
Name: 5/22ad
Misc:
Method: C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title: 508 Modified GC/MS scan
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Methylene Chloride	3.71	1.9	ug/L	1392970	1	9.90	29217000	40.0
Propiolonitrile	3.74	2.6	ug/L	1929340	1	9.90	29217000	40.0
Thiophene	3.80	1.2	ug/L	905059	1	9.90	29217000	40.0
Methylene Chloride	3.85	3.0	ug/L	2165080	1	9.90	29217000	40.0
Methylene Chloride	3.94	0.8	ug/L	585404	1	9.90	29217000	40.0
1-Buten-3-yne, 2-...	3.96	3.6	ug/L	2647230	1	9.90	29217000	40.0
3-Furanmethanol	4.19	1.0	ug/L	703302	1	9.90	29217000	40.0
Tetraborane(10)	4.54	1.0	ug/L	730349	1	9.90	29217000	40.0
3-Aminocrotononit...	4.89	0.2	ug/L	172477	1	9.90	29217000	40.0
Cyclotrisiloxane,...	5.36	0.2	ug/L	172644	1	9.90	29217000	40.0
2-Pentanone, 4-hy...	5.93	7.6	ug/L	5519880	1	9.90	29217000	40.0
Phenanthrene, 9-m...	22.54	0.3	ug/L	313082	4	22.91	44500100	40.0
Anthracene-d10-	23.07	0.3	ug/L	316999	4	22.91	44500100	40.0
Hexasiloxane, 1,1...	34.32	0.3	ug/L	146093	6	34.66	20078900	40.0
5,9-Methanobenzoc...	34.87	0.2	ug/L	124909	6	34.66	20078900	40.0
3,6-Dioxa-2,4,5,7...	35.37	0.5	ug/L	260205	6	34.66	20078900	40.0
3,6-Dioxa-2,4,5,7...	36.45	0.6	ug/L	284637	6	34.66	20078900	40.0
3,6-Dioxa-2,4,5,7...	37.71	0.4	ug/L	225431	6	34.66	20078900	40.0
3,6-Dioxa-2,4,5,7...	39.25	0.3	ug/L	167584	6	34.66	20078900	40.0