User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/04/2002 Time: 15:15:29

Sample: AE11929
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/4/02 15:14 Ended: 6/4/02 15:14 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		10.0

Comments for Sample AE11929 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-04-2002 Time: 15:15:53

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\11929.D Vial: 9
Acq On : 23 May 2002 4:29 pm Operator: Mclean
Sample : 5/22ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 29 09:45:04 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	4757934	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	18785905	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.53	164	10475836	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	15879427	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	9747086	40.00	ug/L	-0.04
43) Perylene-d12	34.66	264	4850834	40.00	ug/L	-0.02
System Monitoring Compounds						
27) TCMX	20.51	209	1904496	39.40	ug/L	0.00
Spiked Amount 40.000			Recovery = 98.50%			
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	13.39	93	-2917	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	20.11	149	18479	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	31859	N.D.		
30) Nnitrosodiphenylamine	20.51	169	37887	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 4:29 pm Operator: Mclean
Sample : 5/22ad Inst : Instrumen
Misc : Multiplr: 1.00
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Title : 508 Modified GC/MS scan
Last Update : Wed May 29 09:44:24 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

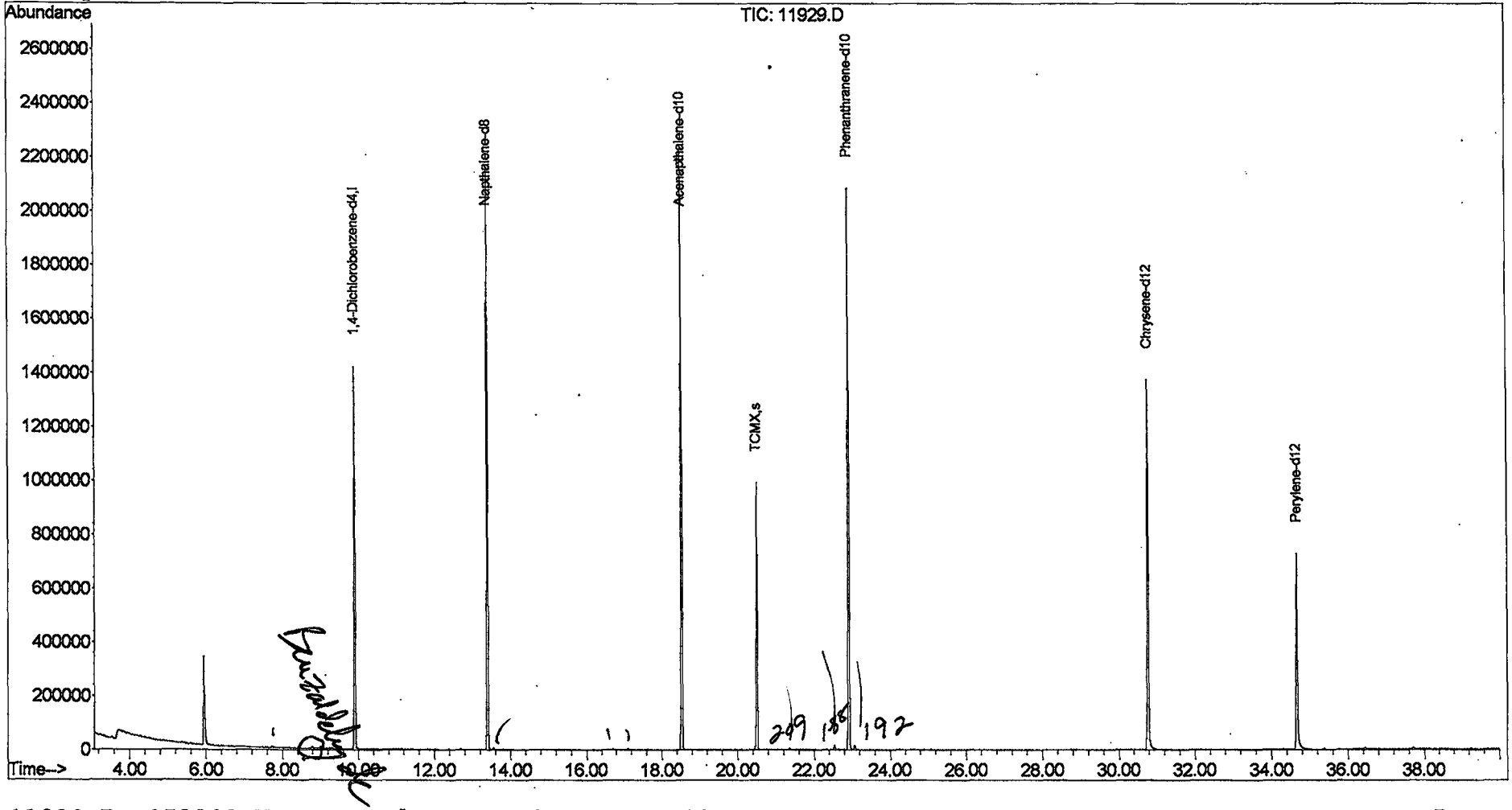
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	0.00	202	0	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	30.76	228	24462	N.D.	
41)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
42)	Chrysene	0.00	228	0	N.D.	
44)	Di-n-octylphthalate	0.00	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\11929.D Vial: 9
Acq On : 23 May 2002 4:29 pm Operator: Mclean
Sample : 5/22ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 29 9:49 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\11929.D Vial: 9
Acq On : 23 May 2002 4:29 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

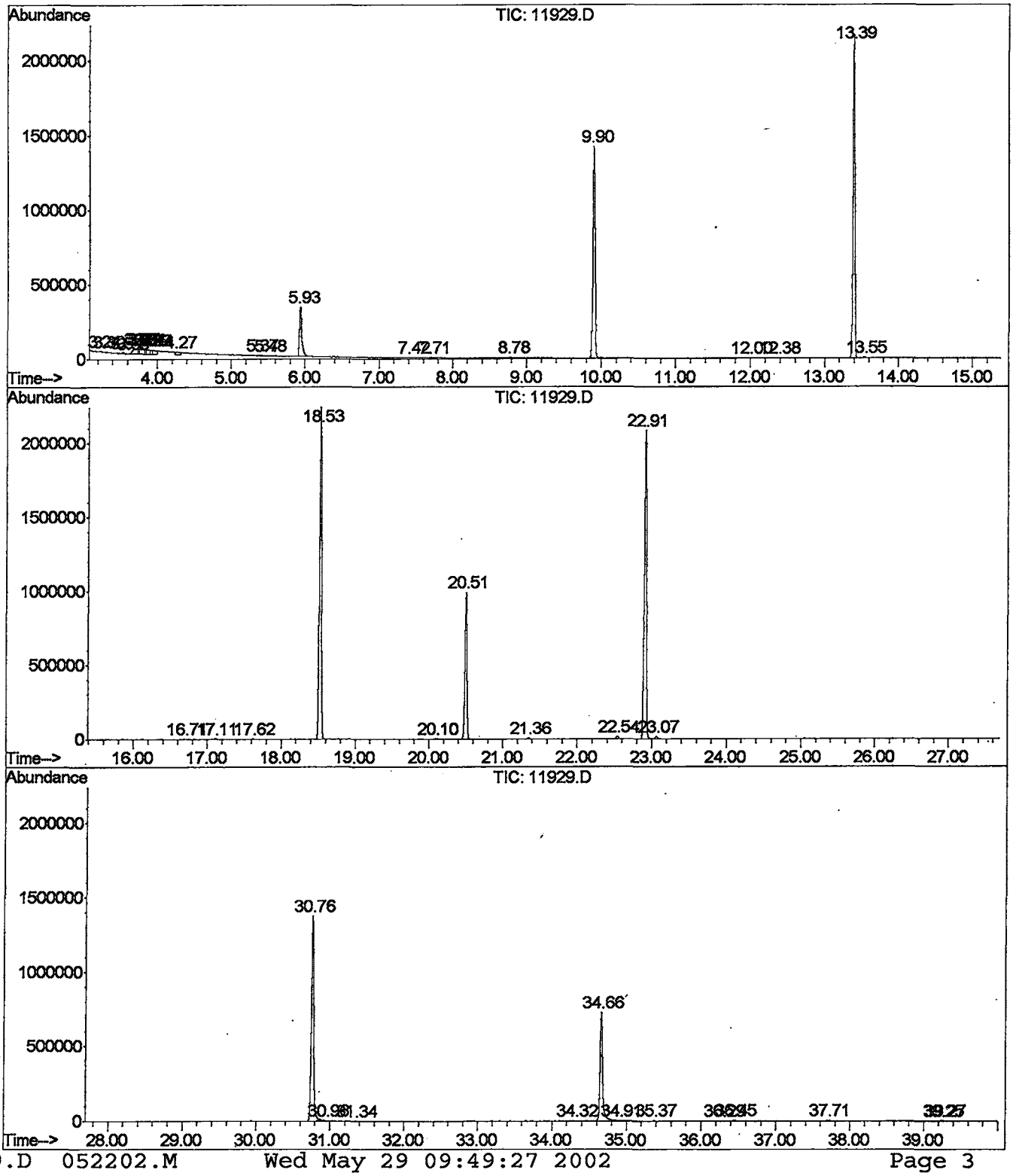
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.238	24	27	35	PV 4	3124	44791	0.10%	0.019%
2	3.302	35	38	44	PV 7	2252	34842	0.08%	0.015%
3	3.537	73	78	88	PV 8	7233	164069	0.38%	0.070%
4	3.626	91	93	95	PV 3	1755	14942	0.03%	0.006%
5	3.720	95	109	112	VV 5	35267	1510432	3.50%	0.641%
6	3.749	112	114	116	VV 3	33984	422704	0.98%	0.179%
7	3.767	116	117	128	VV 3	33966	1357076	3.14%	0.576%
8	3.837	128	129	131	VV	30728	342574	0.79%	0.145%
9	3.861	131	133	140	VV 4	29497	885832	2.05%	0.376%
10	3.919	140	143	145	VV 3	26674	457663	1.06%	0.194%
11	3.943	145	147	156	VV 7	25231	924238	2.14%	0.392%
12	4.272	198	203	211	VV 8	18217	716995	1.66%	0.304%
13	5.371	385	390	406	VV 9	4638	236894	0.55%	0.100%
14	5.482	406	409	416	PV 5	1948	35191	0.08%	0.015%
15	5.935	477	486	510	PV	331987	7016317	16.24%	2.976%
16	7.421	734	739	748	VV 4	1851	26391	0.06%	0.011%
17	7.709	785	788	802	VV 6	3508	106894	0.25%	0.045%
18	8.778	965	970	981	PV 5	5989	147381	0.34%	0.063%
19	9.901	1144	1161	1185	PV	1413431	28447959	65.85%	12.067%
20	12.004	1510	1519	1524	VV 2	1962	34412	0.08%	0.015%
21	12.374	1573	1582	1586	PV 4	2339	41764	0.10%	0.018%
22	13.397	1746	1756	1775	PV	2121753	38297890	88.64%	16.246%
23	13.544	1775	1781	1787	VV 2	5811	100580	0.23%	0.043%
24	16.711	2314	2320	2333	VV 3	3034	80290	0.19%	0.034%
25	17.110	2384	2388	2394	VV 5	5002	84291	0.20%	0.036%
26	17.621	2470	2475	2481	VV 2	2456	35378	0.08%	0.015%
27	18.532	2620	2630	2649	PV	2253608	42847796	99.18%	18.176%
28	20.101	2890	2897	2903	VV 3	2775	49321	0.11%	0.021%
29	20.506	2953	2966	2982	PV	995278	18878418	43.70%	8.008%
30	21.358	3102	3111	3118	BV 2	6578	103915	0.24%	0.044%
31	22.539	3304	3312	3325	VV 2	16346	295707	0.68%	0.125%
32	22.915	3363	3376	3394	PV 2	2102343	43204181	100.00%	18.327%
33	23.068	3394	3402	3409	VV	15749	294522	0.68%	0.125%
34	30.759	4700	4711	4743	PV 2	1355052	29974091	69.38%	12.715%
35	30.953	4743	4744	4749	VV 3	1298	14916	0.03%	0.006%
36	31.341	4802	4810	4814	PV 3	1309	22841	0.05%	0.010%
37	34.320	5310	5317	5324	PV 4	2738	55593	0.13%	0.024%

38	34.660	5356	5375	5415	PV	2	731167	17654338	40.86%	7.489%
39	34.907	5415	5417	5428	VV	6	2482	79100	0.18%	0.034%
40	35.371	5482	5496	5505	VV	2	4764	136793	0.32%	0.058%
41	36.294	5645	5653	5656	VV	5	2364	60001	0.14%	0.025%
42	36.447	5671	5679	5691	VV	4	5773	183157	0.42%	0.078%
43	37.710	5884	5894	5907	VV	6	4770	179105	0.41%	0.076%
44	39.249	6143	6156	6158	VV	7	3048	90125	0.21%	0.038%
45	39.273	6158	6160	6168	VV	7	2502	48791	0.11%	0.021%

Sum of corrected areas: 235740502

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052302\11929.D
Operator : Mclean
Acquired : 23 May 2002 4:29 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/22ad
Misc Info :
Vial Number: 9
Quant File :052202.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11929.D
Acq On : 23 May 2002 4:29 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 9
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

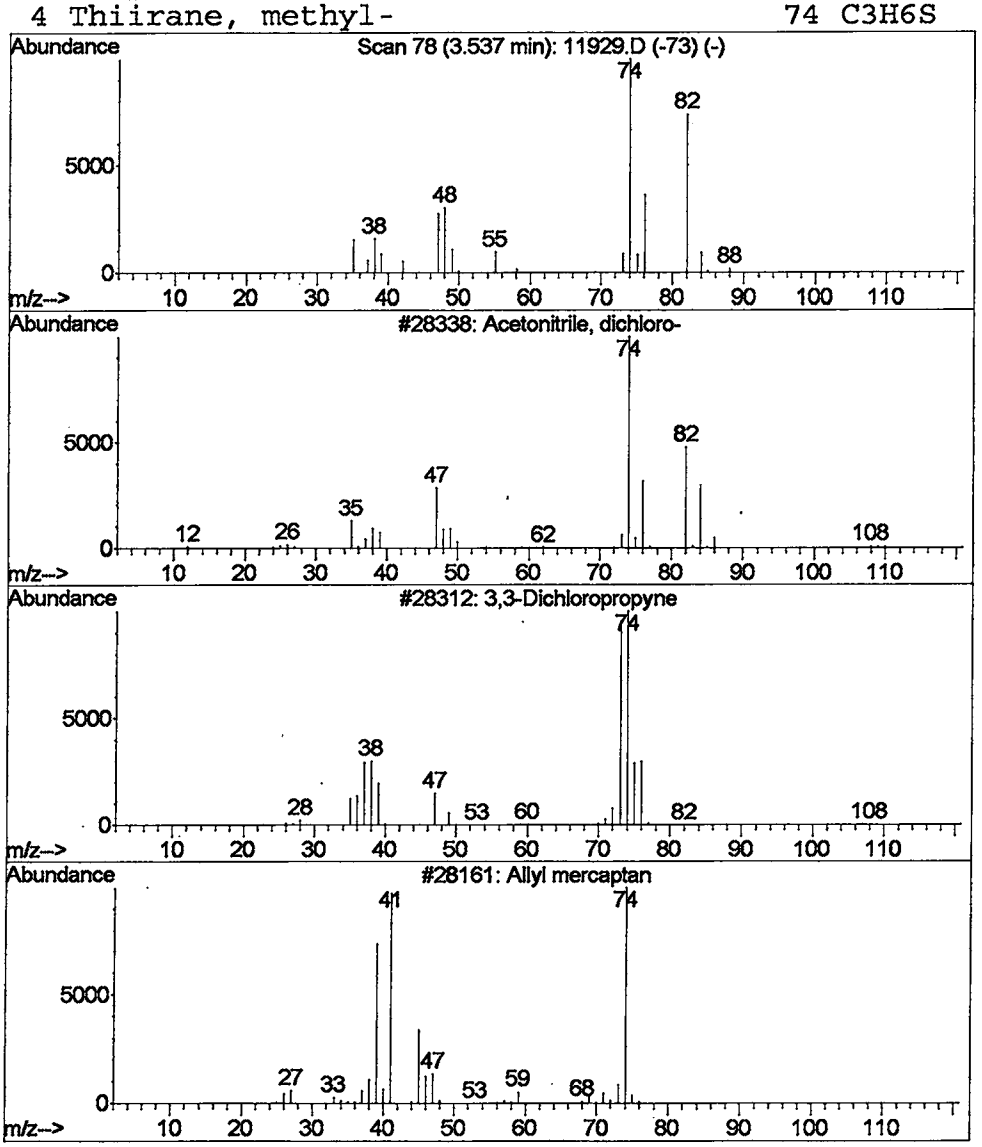
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

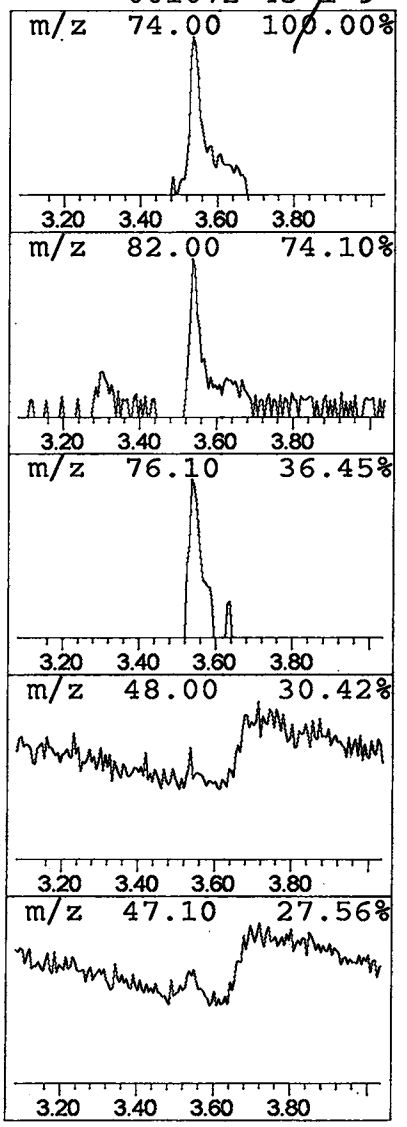
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.54	0.23 ug/L	164069	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	59
2	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	17
3	Allyl mercaptan	74	C3H6S	000870-23-5	9
4	Thiirane, methyl-	74	C3H6S	001072-43-1	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11929.D
Acq On : 23 May 2002 4:29 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 9
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

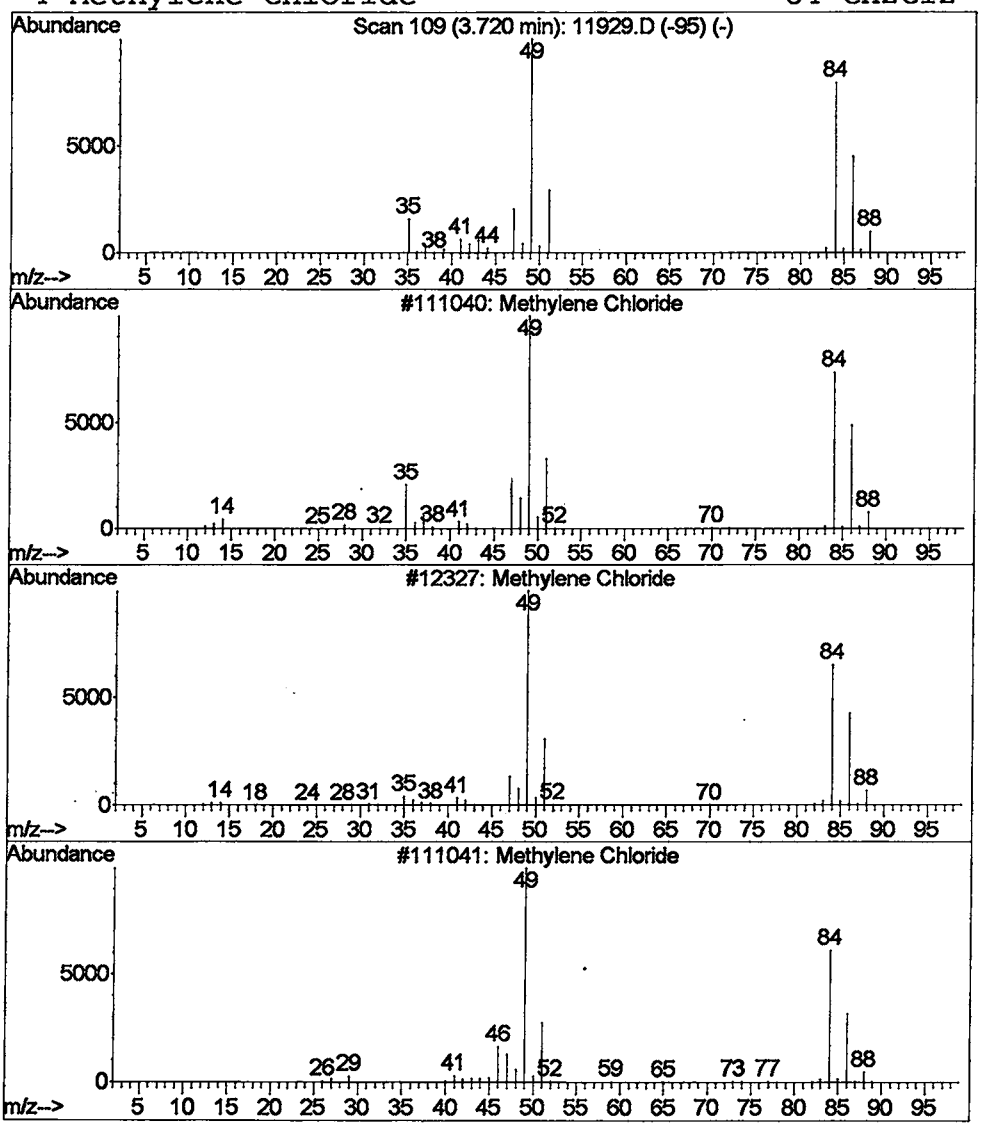
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

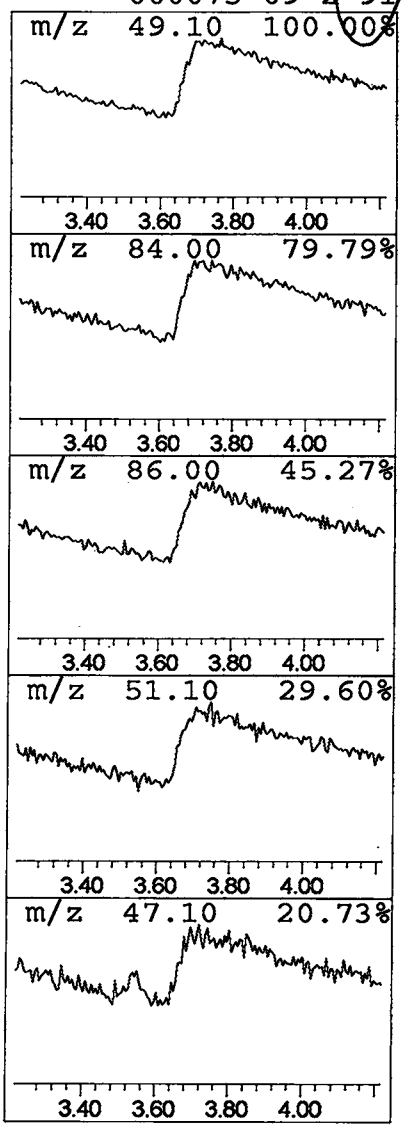
****

Peak Number 2 Methylene Chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	2.12 ug/L	1510430	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	91
4	Methylene Chloride	84	CH2Cl2	000075-09-2	91





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11929.D
Acq On : 23 May 2002 4:29 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 9
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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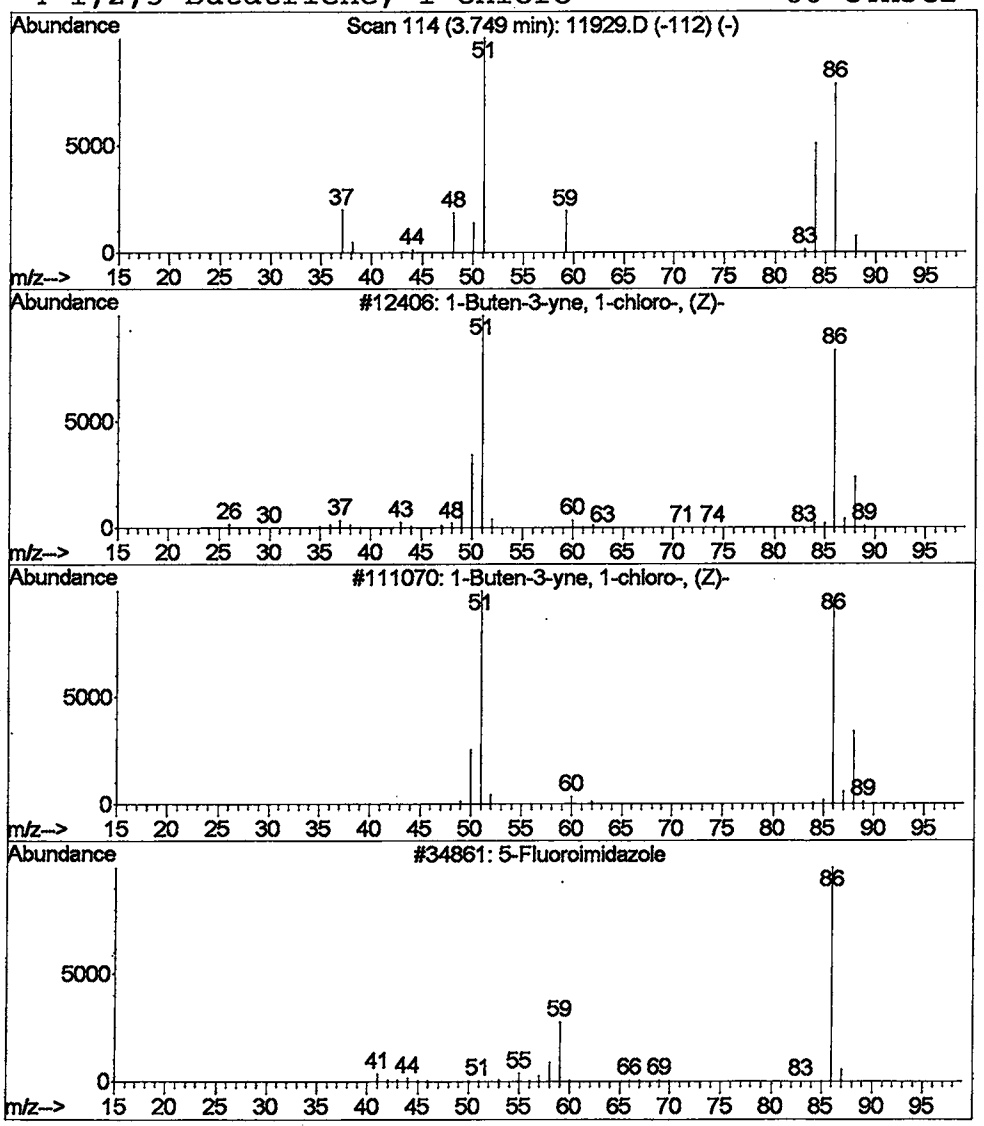
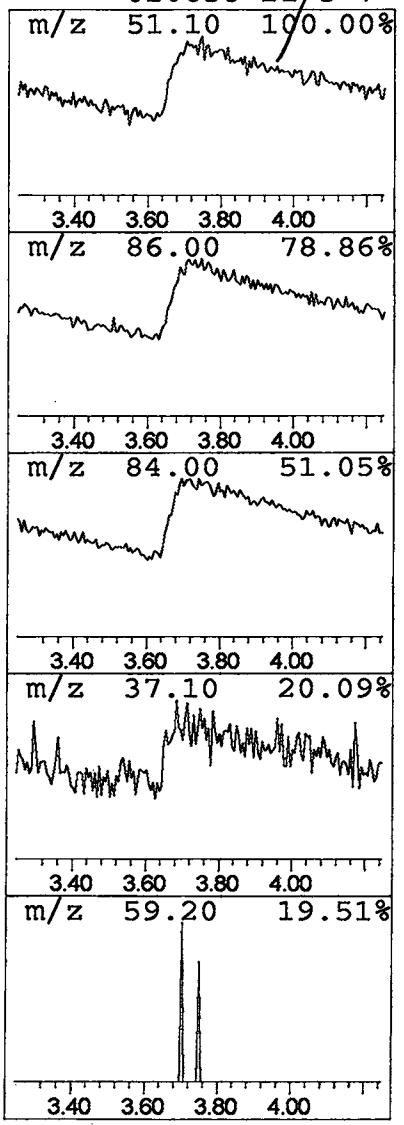
Peak Number 3 1-Buten-3-yne, 1-chloro-, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	0.59 ug/L	422704	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	7
2	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	7
3	5-Fluoroimidazole	86	C3H3FN2	1000128-06-0	7
4	1,2,3-Butatriene, 1-chloro-	86	C4H3Cl	020658-21-3	7





Library Search Compound Report

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Acq On : 23 May 2002 4:29 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 9
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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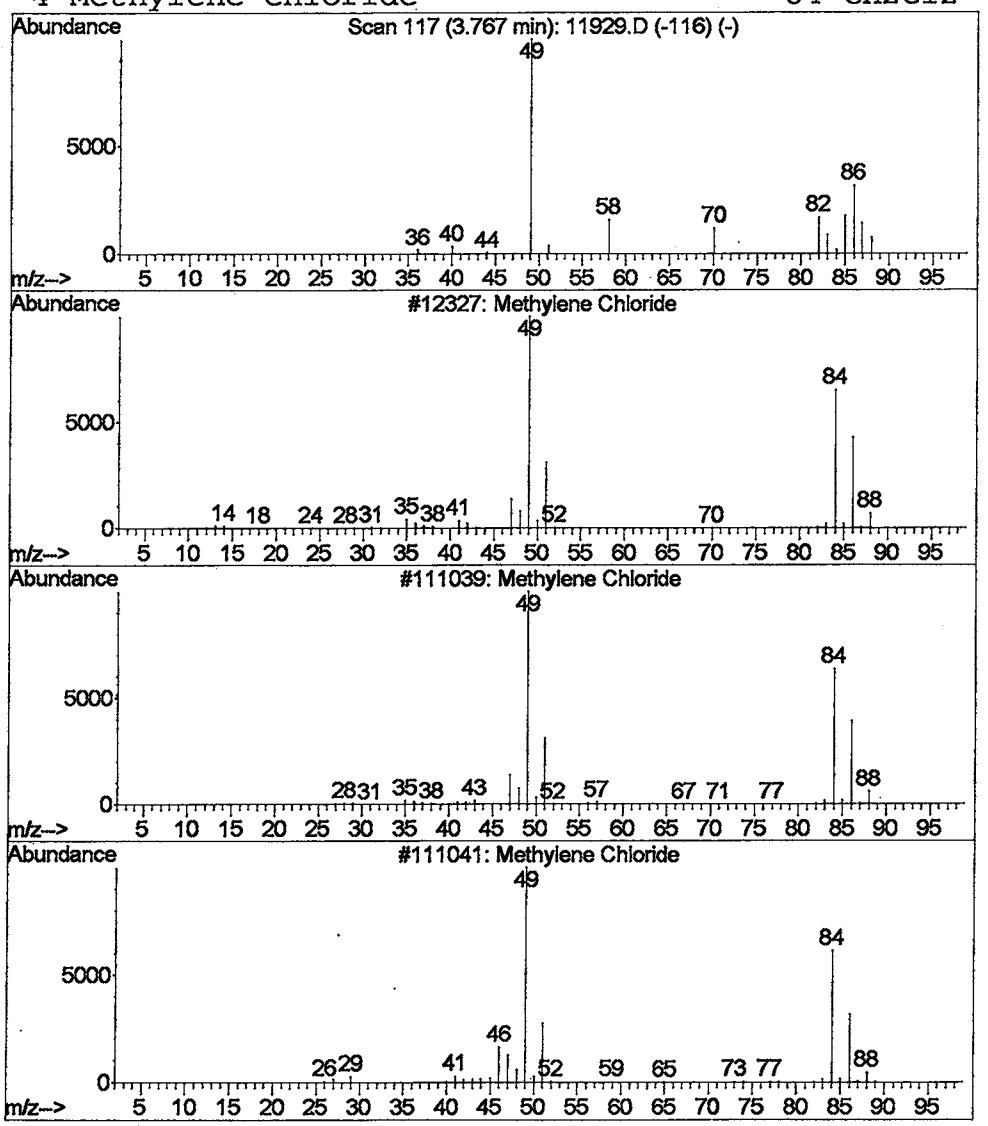
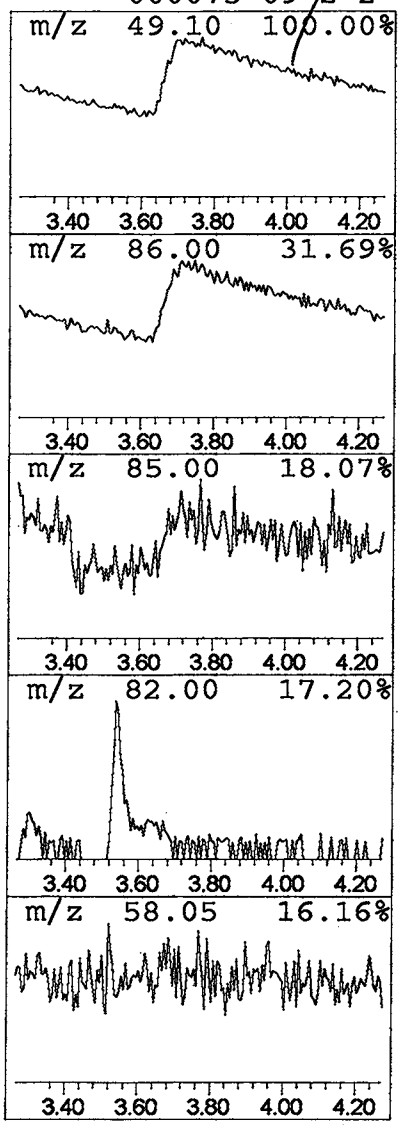
Peak Number 4 Methylene Chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	1.91 ug/L	1357080	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	4
4	Methylene Chloride	84	CH2Cl2	000075-09-2	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11929.D Vial: 9
Acq On : 23 May 2002 4:29 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

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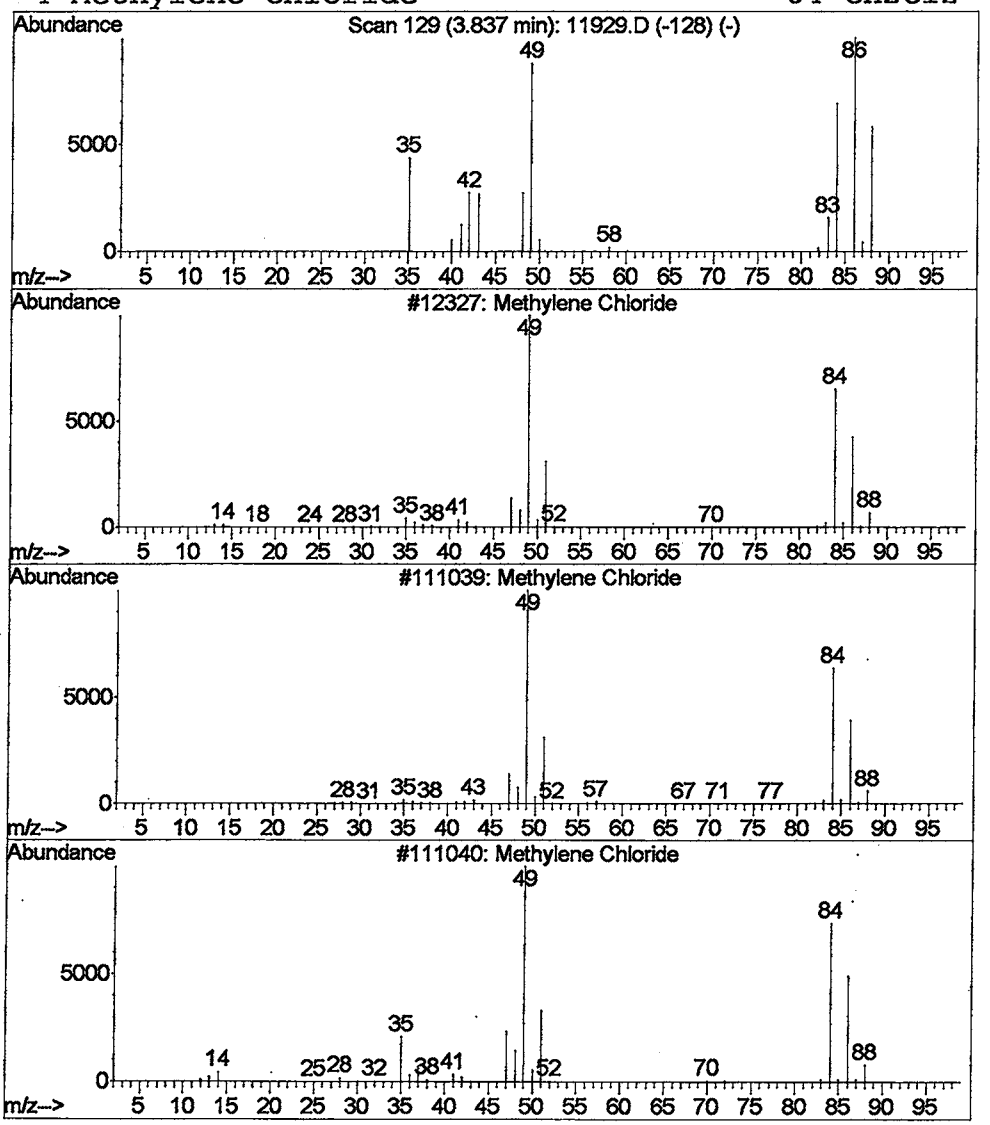
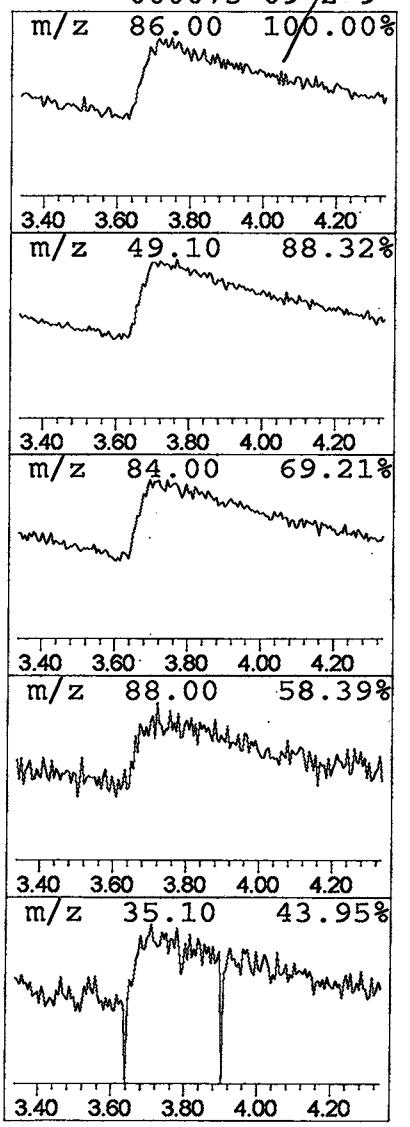
Peak Number 5 Methylene Chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.84	0.48 ug/L	342574	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	Methylene Chloride	84	CH2Cl2	000075-09-2	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11929.D
Acq On : 23 May 2002 4:29 pm
Sample : 5/22ad
Misc :
MS Integration Params: LSCINT.e

Vial: 9
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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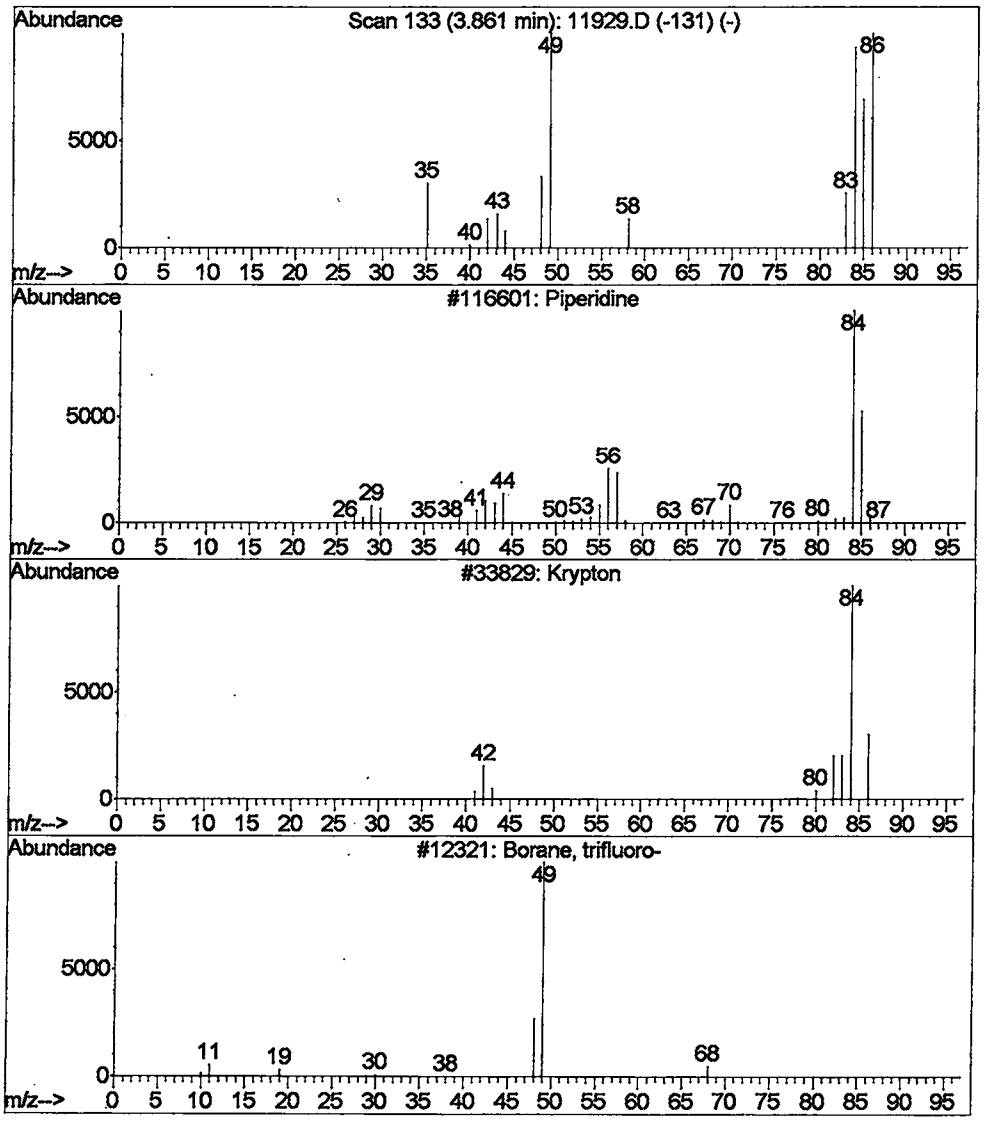
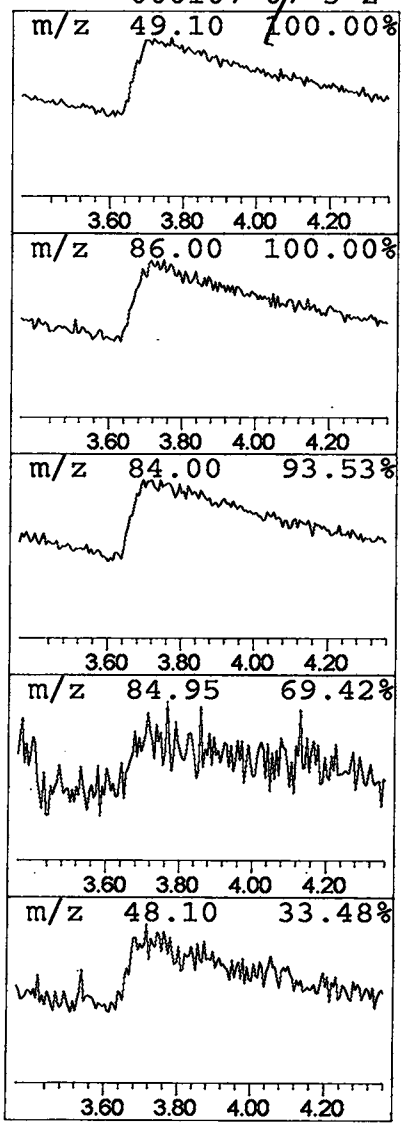
Peak Number 6 Piperidine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.86	1.25 ug/L	885832	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine	85	C5H11N	000110-89-4	9
2	Krypton	84	Kr	007439-90-9	9
3	Borane, trifluoro-	68	BF3	007637-07-2	2
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11929.D Vial: 9
Acq On : 23 May 2002 4:29 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

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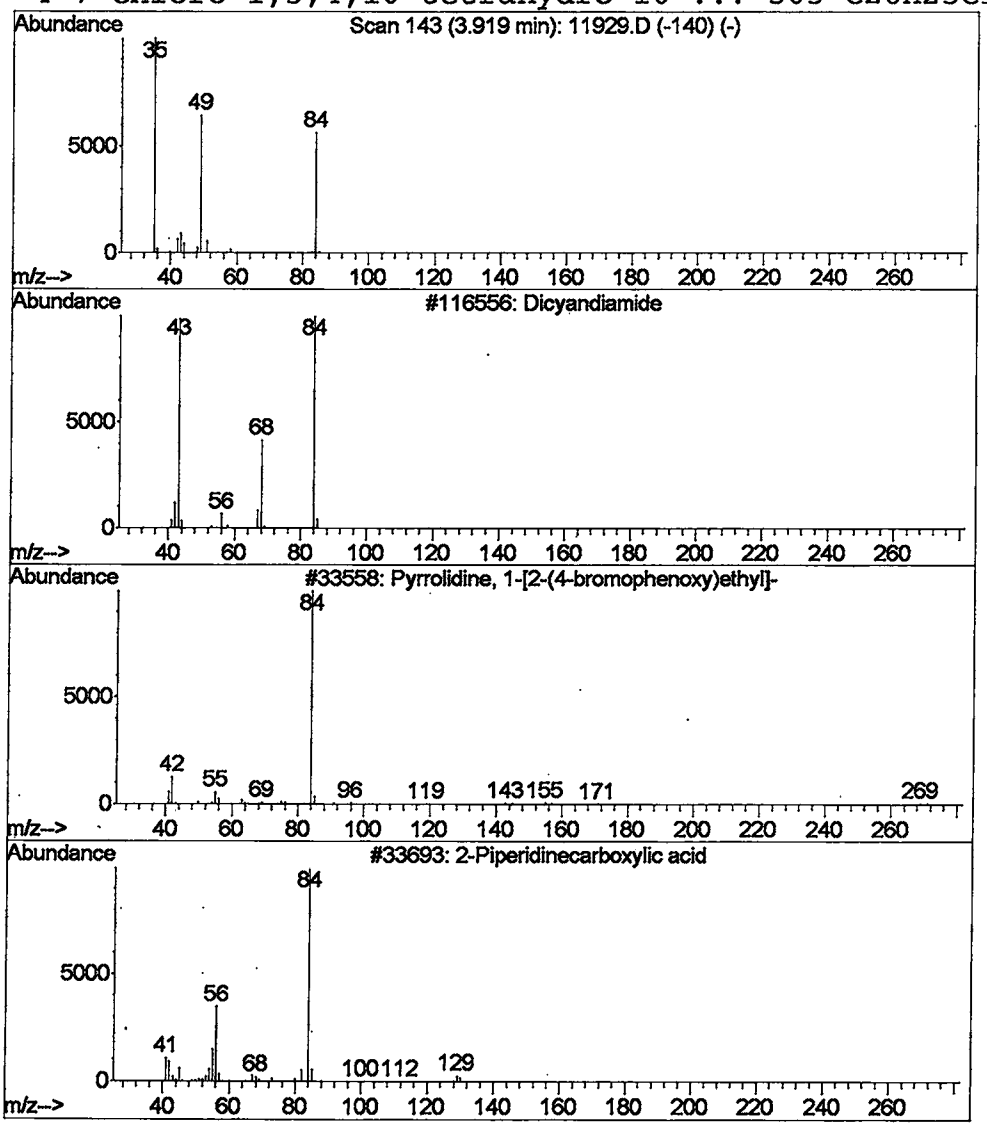
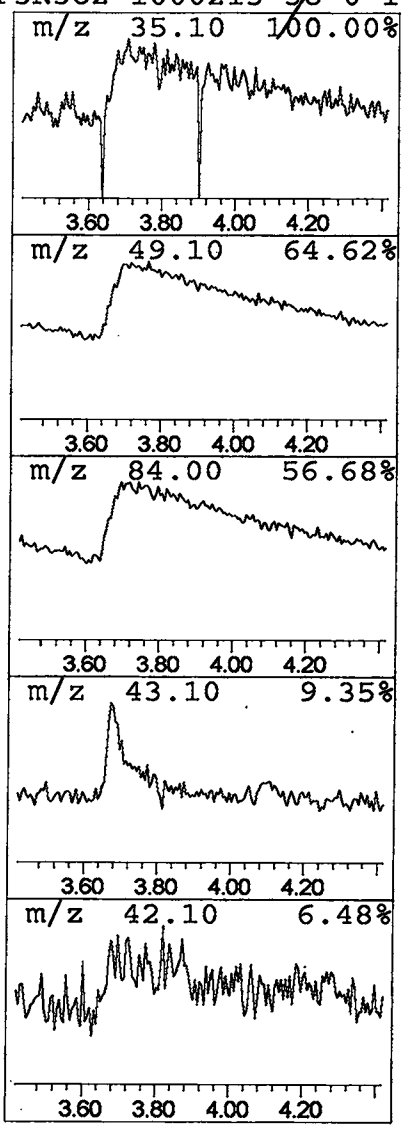
Peak Number 7 Dicyandiamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	0.64 ug/L	457663	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyandiamide	84	C2H4N4	000461-58-5	4
2	Pyrrolidine, 1-[2-(4-bromophenox...	269	C12H16BrNO	001081-73-8	1
3	2-Piperidinecarboxylic acid	129	C6H11NO2	000535-75-1	1
4	7-Chloro-1,3,4,10-tetrahydro-10-...	503	C26H25ClF3N3O2	1000213-38-0	1





Library Search Compound Report

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Sample : 5/22ad
Misc :
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Vial: 9
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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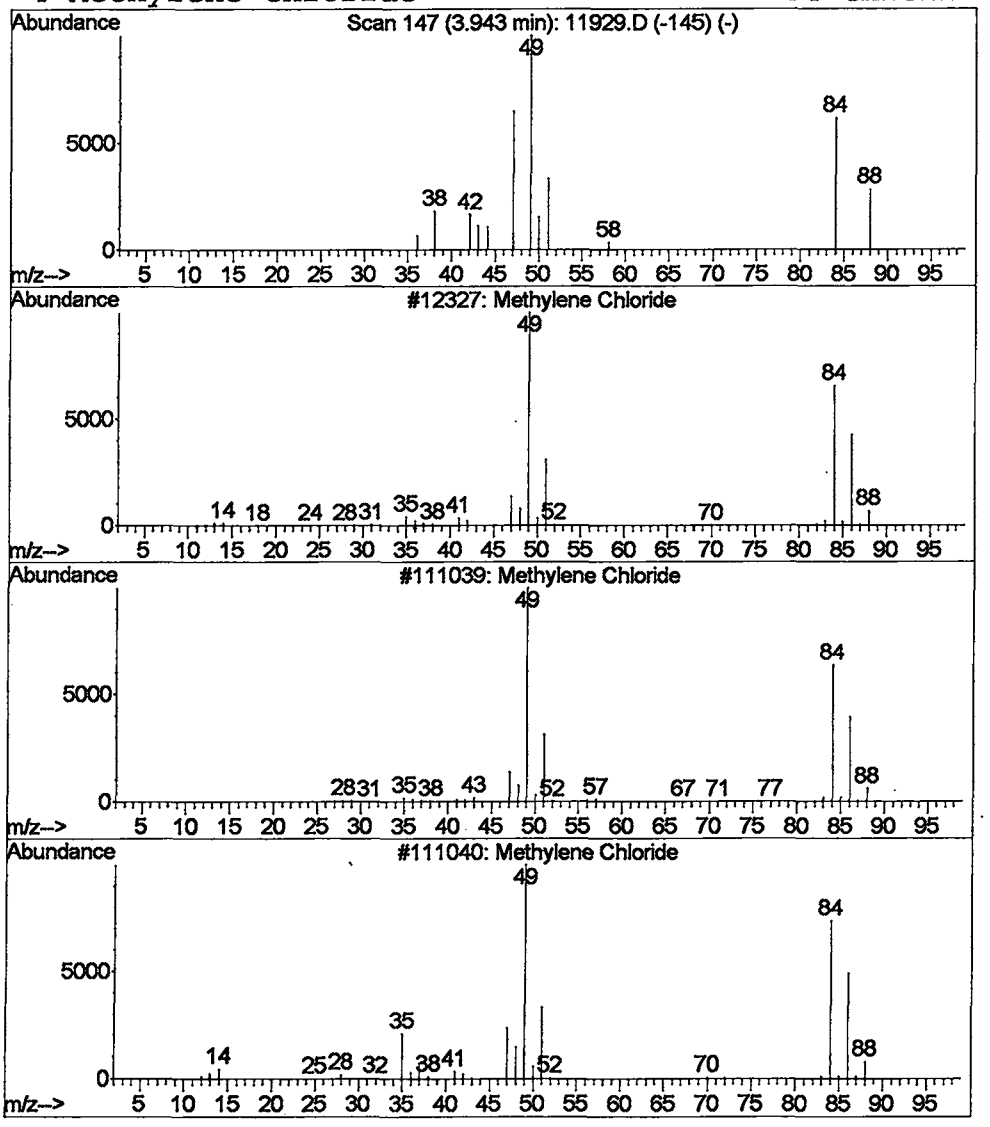
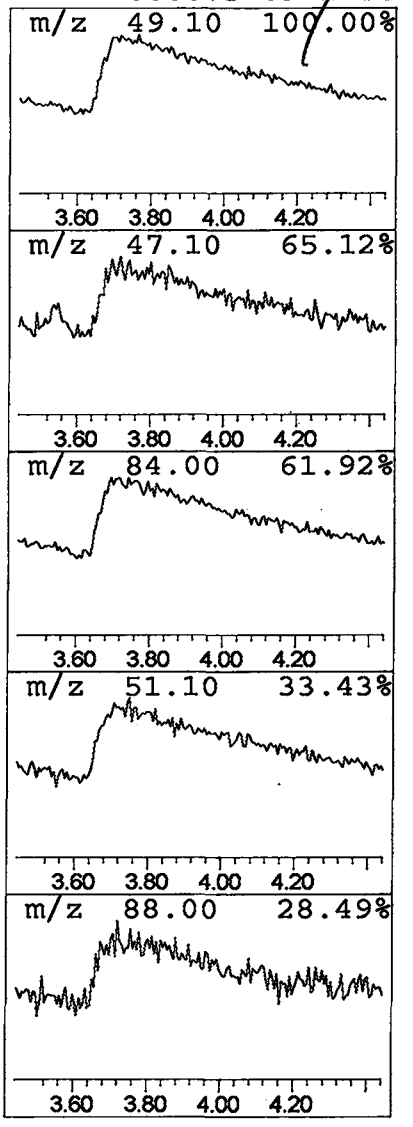
Peak Number 8 Methylene Chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	1.30 ug/L	924238	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	72
2	Methylene Chloride	84	CH2Cl2	000075-09-2	56
3	Methylene Chloride	84	CH2Cl2	000075-09-2	56
4	Methylene Chloride	84	CH2Cl2	000075-09-2	56





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

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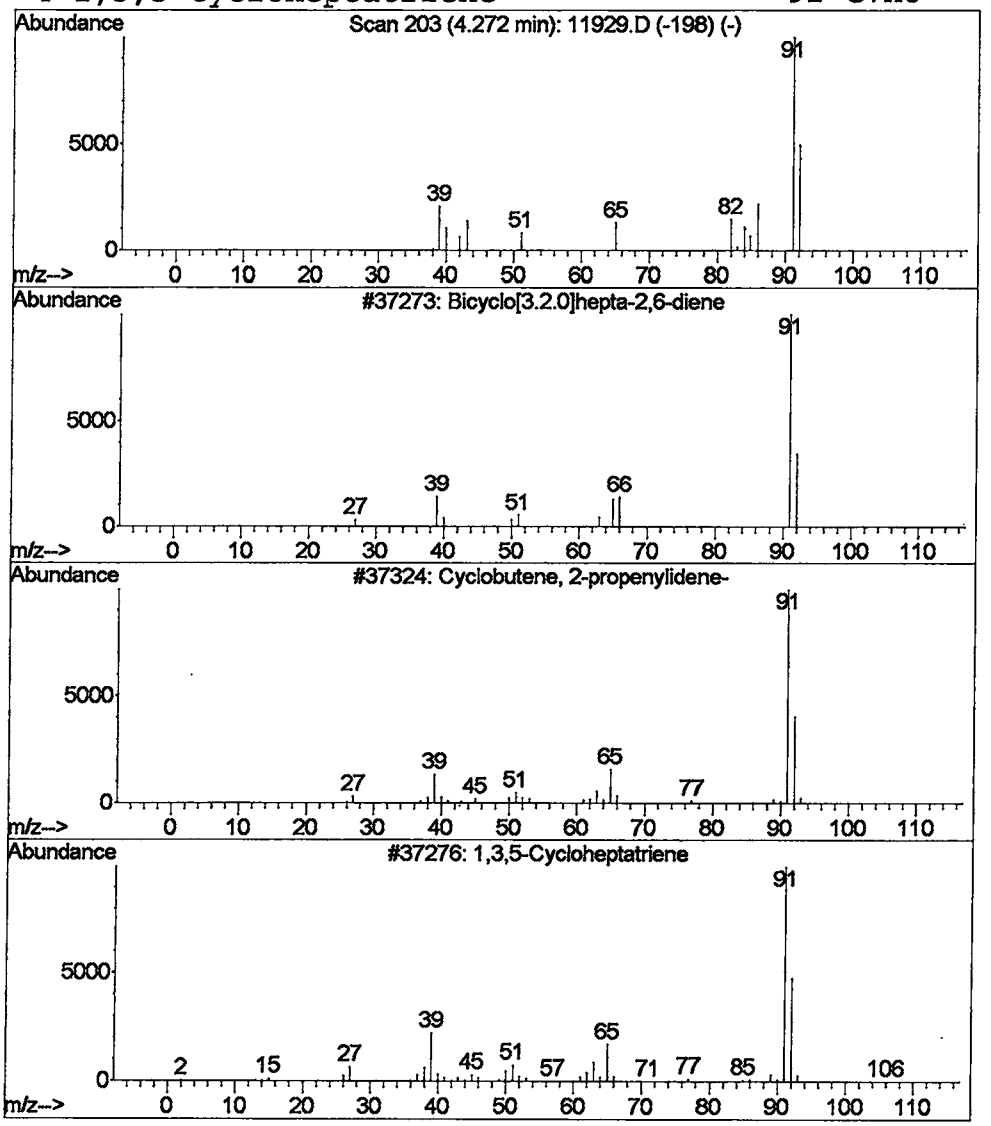
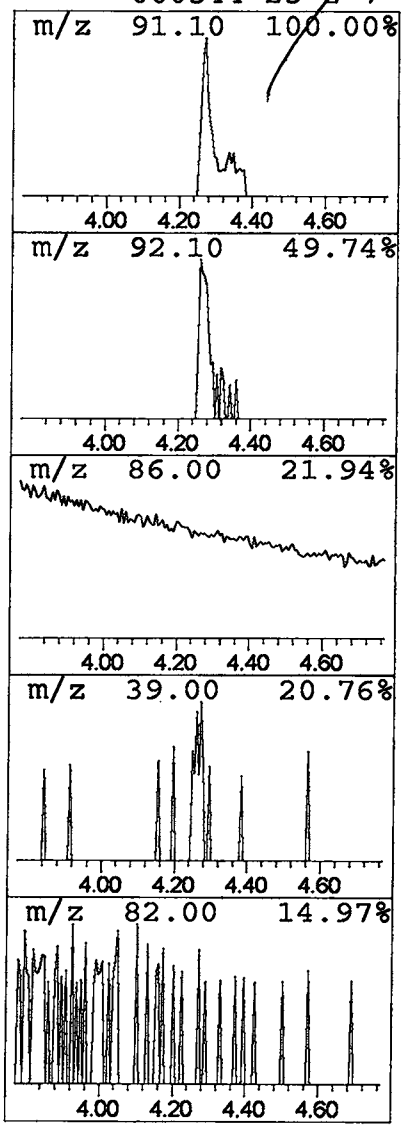
Peak Number 9 Bicyclo[3.2.0]hepta-2,6-diene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	1.01 ug/L	716995	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.0]hepta-2,6-diene	92	C7H8	002422-86-8	38
2	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	9
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	9
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	7





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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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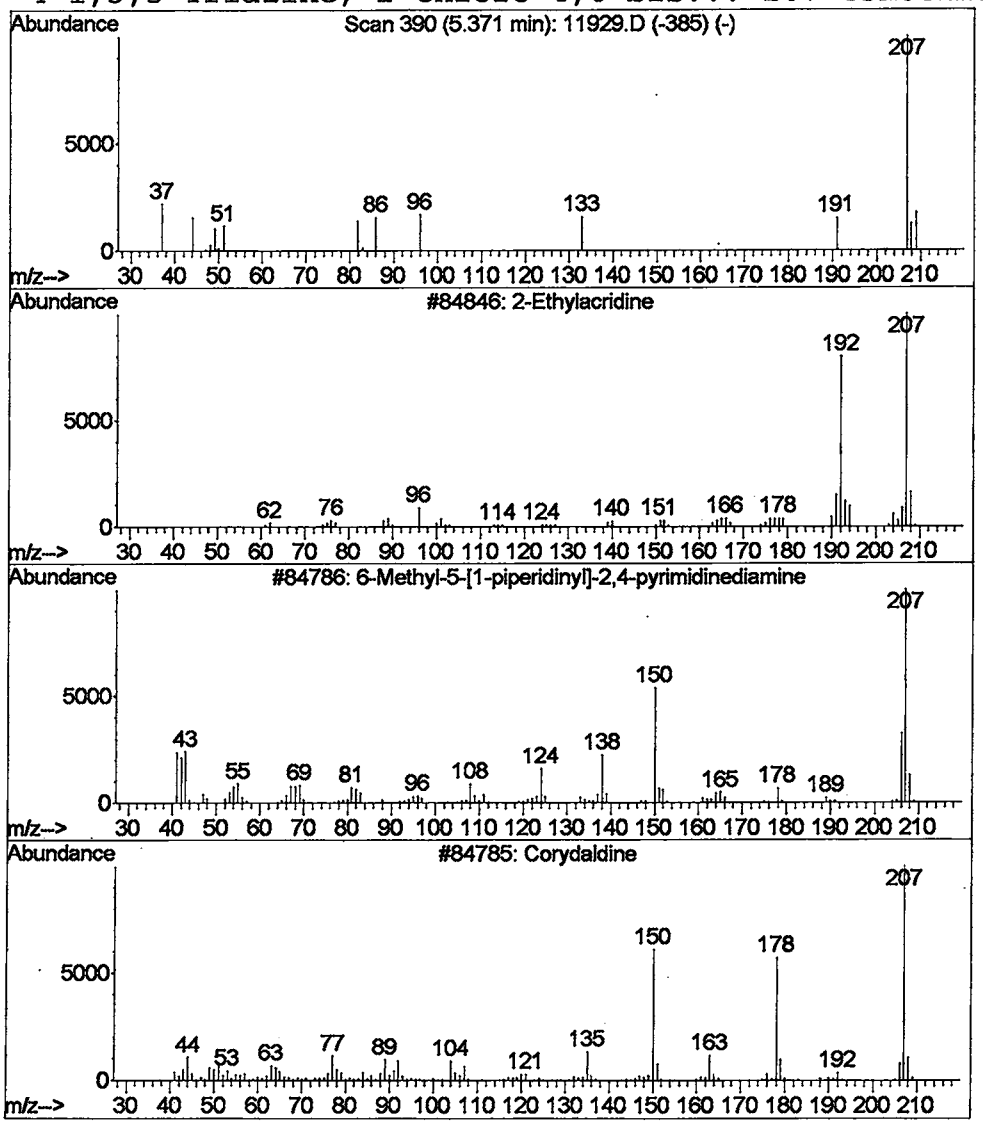
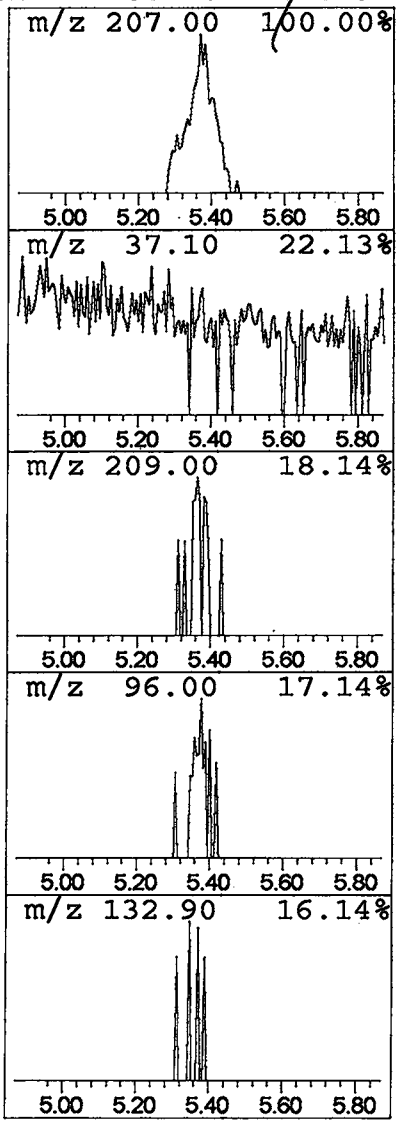
Peak Number 10 2-Ethylacridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	0.33 ug/L	236894	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylacridine	207	C15H13N	1000147-64-9	9
2	6-Methyl-5-[1-piperidinyl]-2,4-p...	207	C10H17N5	1000212-53-0	9
3	Corydaldine	207	C11H13NO3	000493-49-2	9
4	1,3,5-Triazine, 2-chloro-4,6-bis...	207	C5H6ClN3S2	004407-40-3	9





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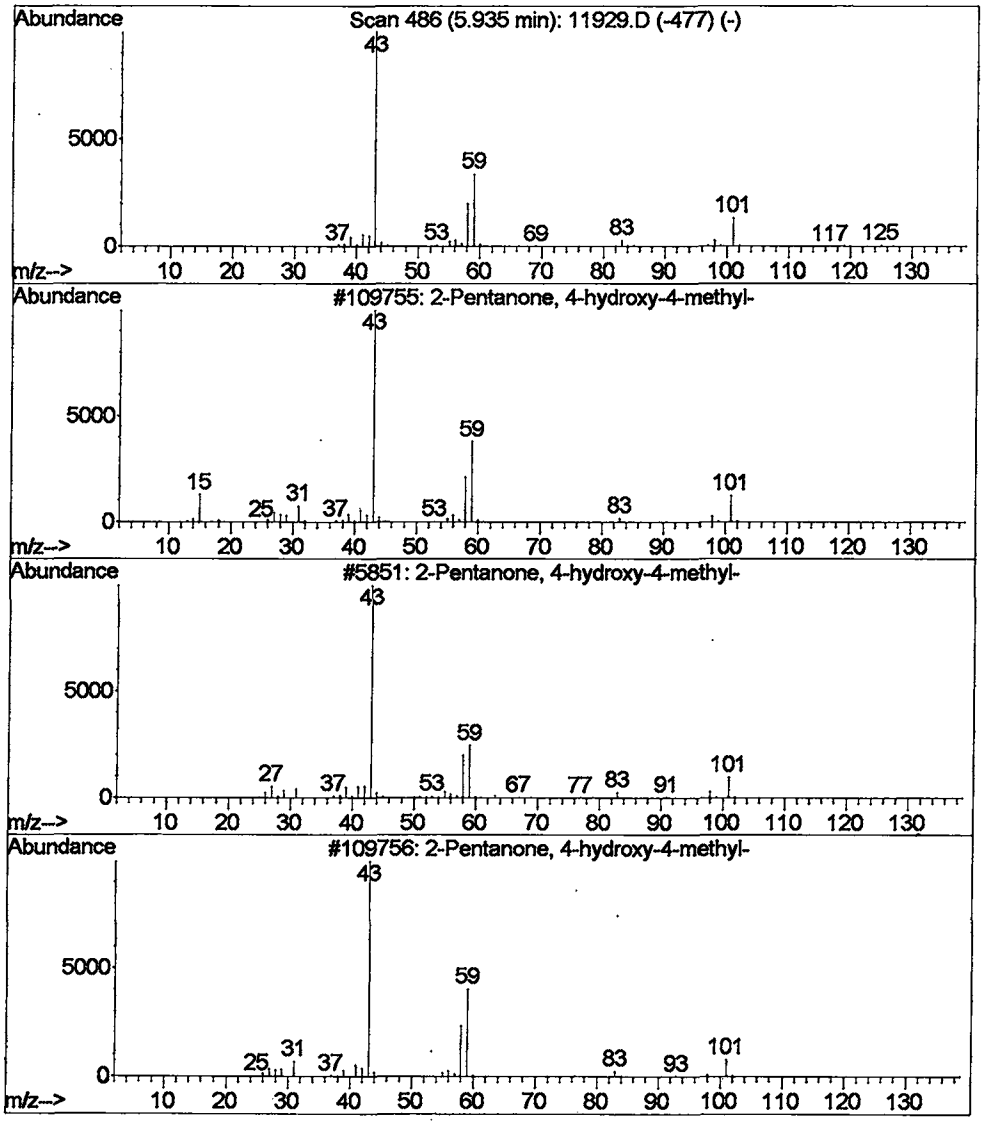
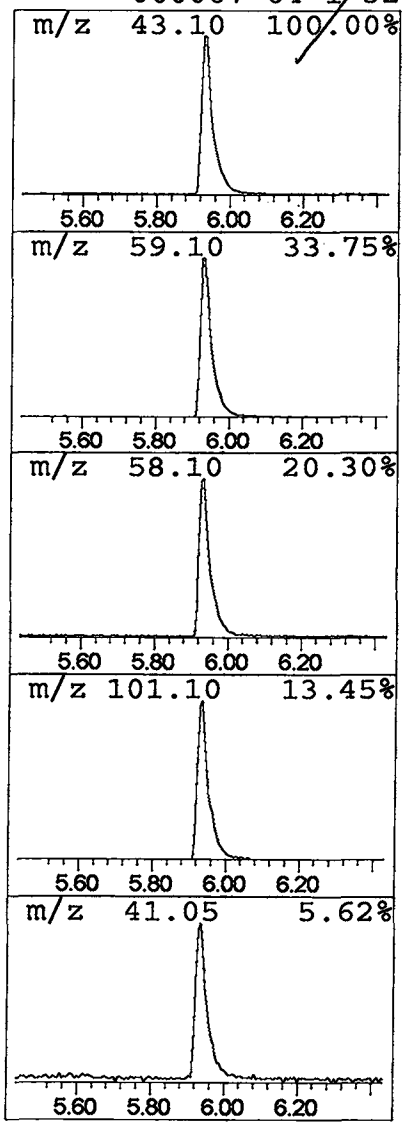
Peak Number 11 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	9.87 ug/L	7016320	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	86
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	72
4	Acetone	58	C3H6O	000067-64-1	32





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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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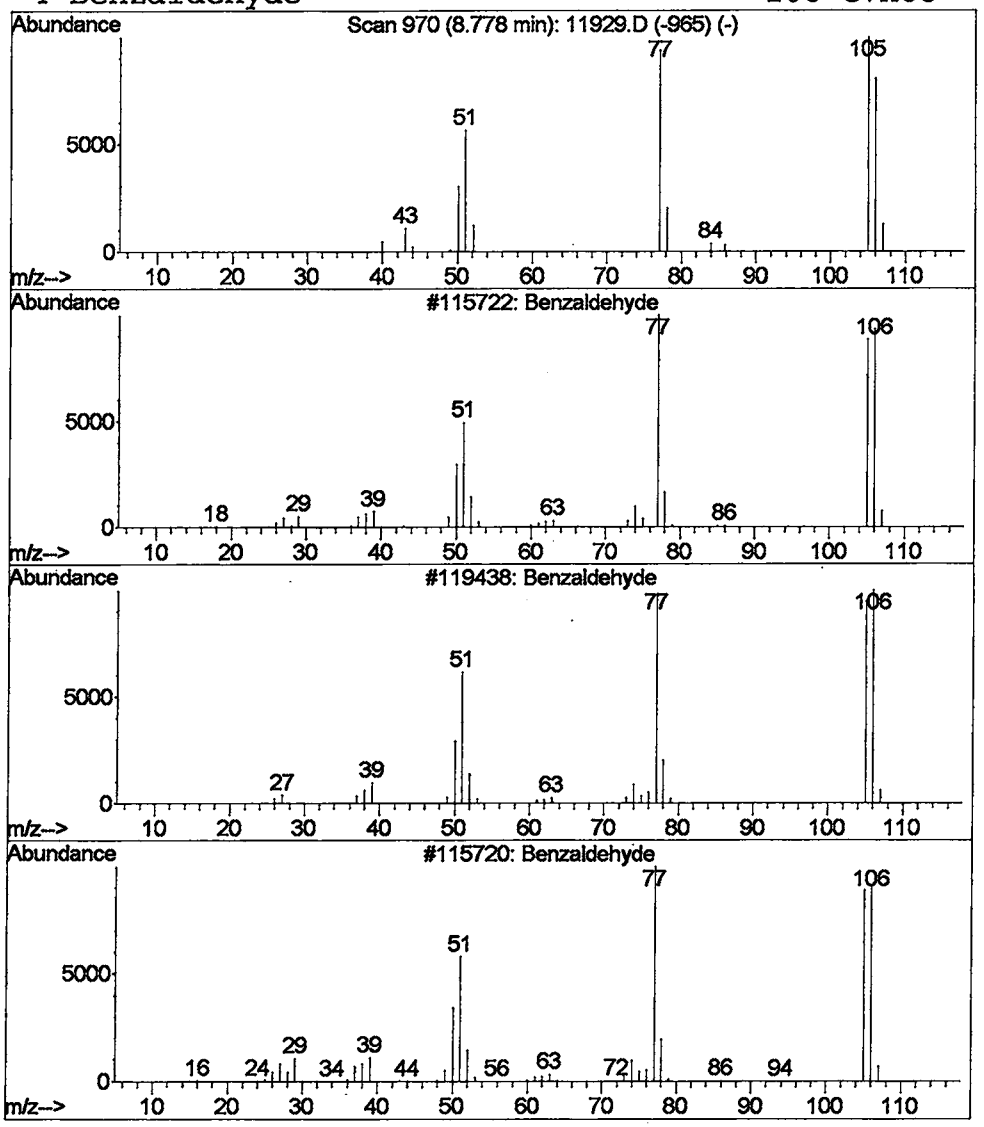
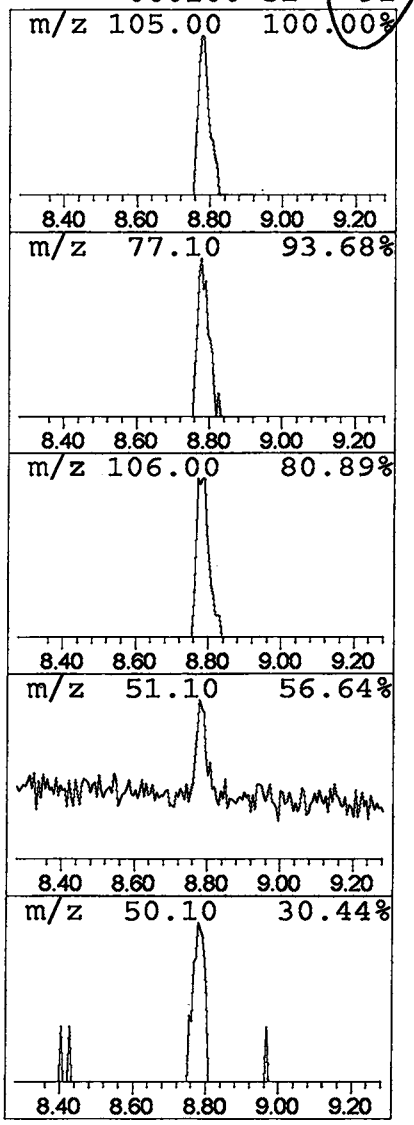
Peak Number 12 Benzaldehyde Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	0.21 ug/L	147381	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde	106	C7H6O	000100-52-7	91
2	Benzaldehyde	106	C7H6O	000100-52-7	91
3	Benzaldehyde	106	C7H6O	000100-52-7	91
4	Benzaldehyde	106	C7H6O	000100-52-7	91





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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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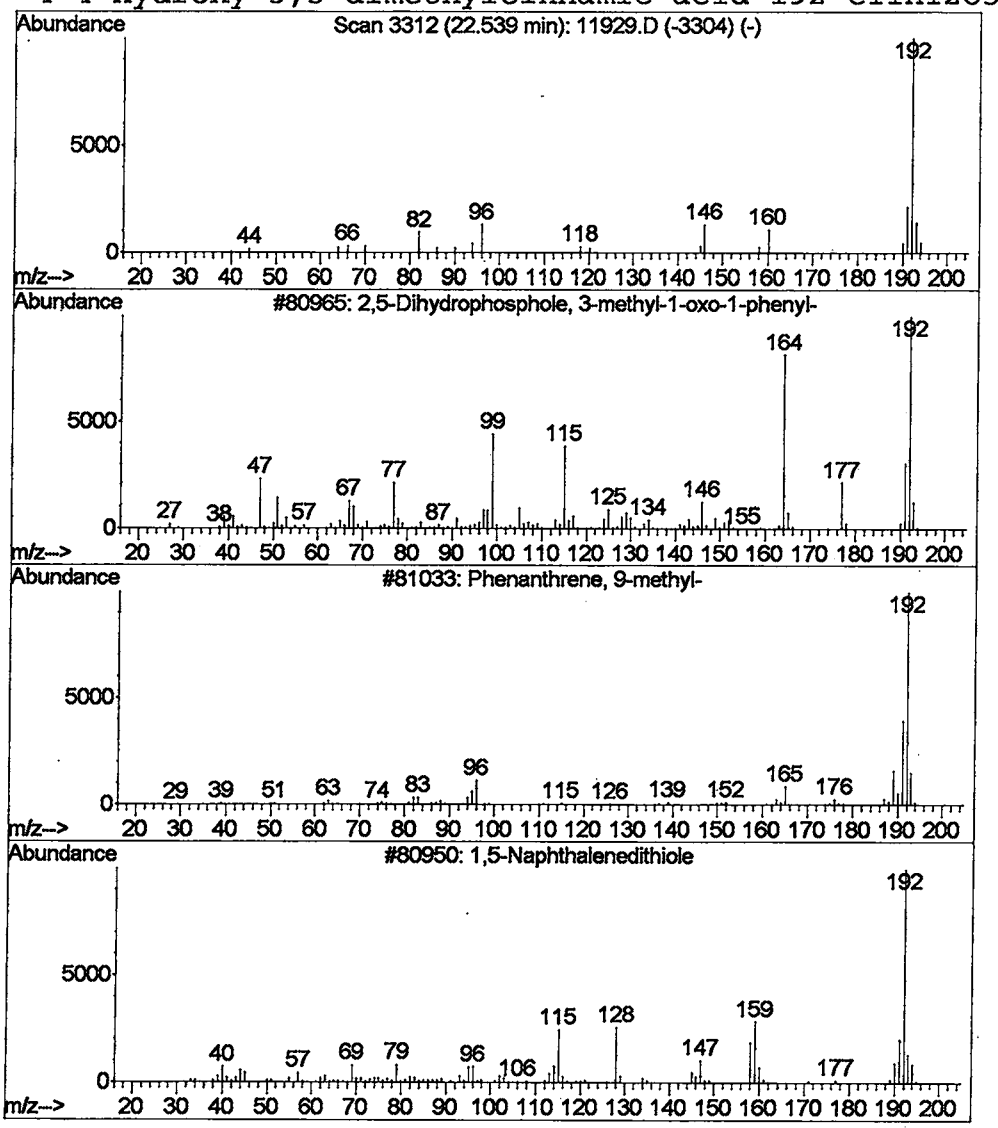
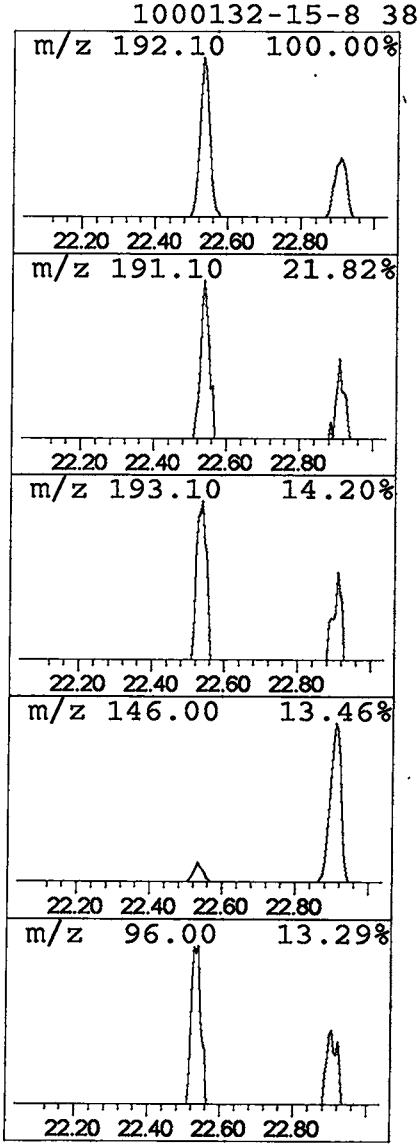
Peak Number 13 2,5-Dihydrophosphole, 3-met... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	0.27 ug/L	295707	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	45
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	42
3	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	38
4	4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	38





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Vial: 9
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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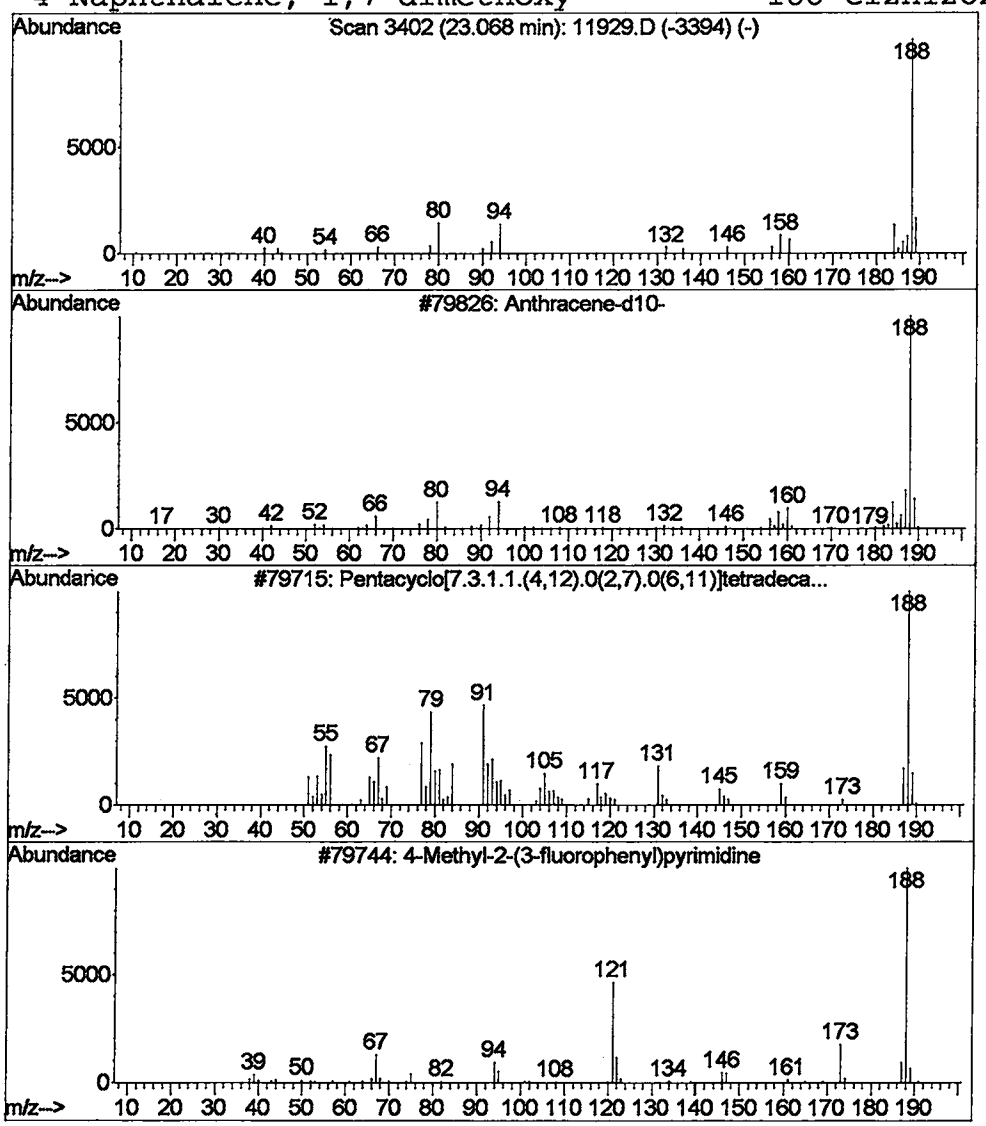
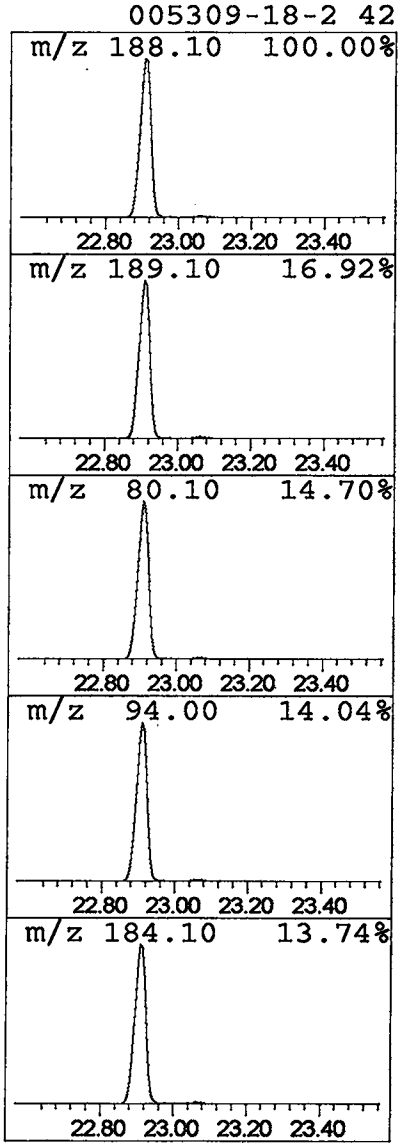
Peak Number 14 Anthracene-d10- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	0.27 ug/L	294522	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	90
2	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	50
3	4-Methyl-2-(3-fluorophenyl)pyrim...	188	C11H9FN2	076128-66-0	42
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	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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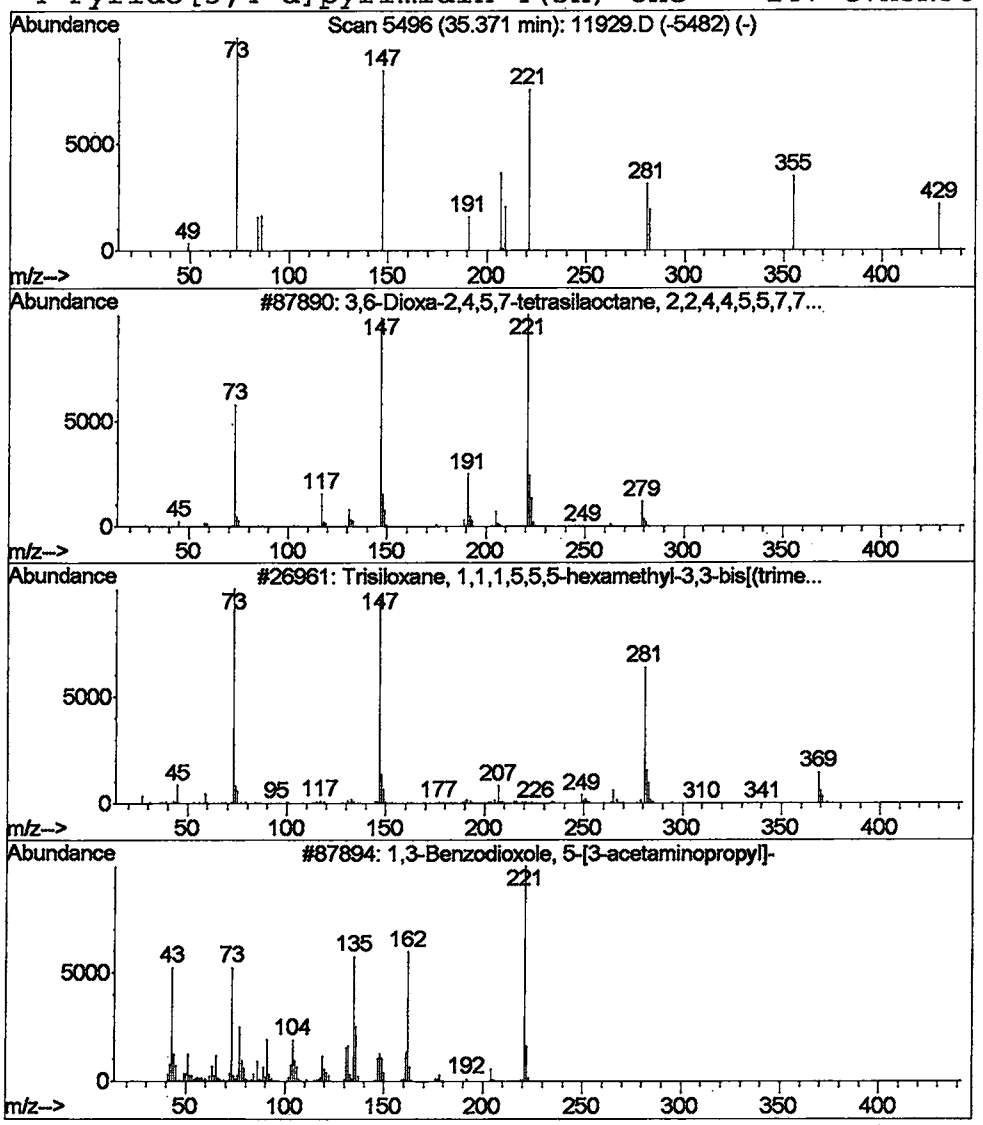
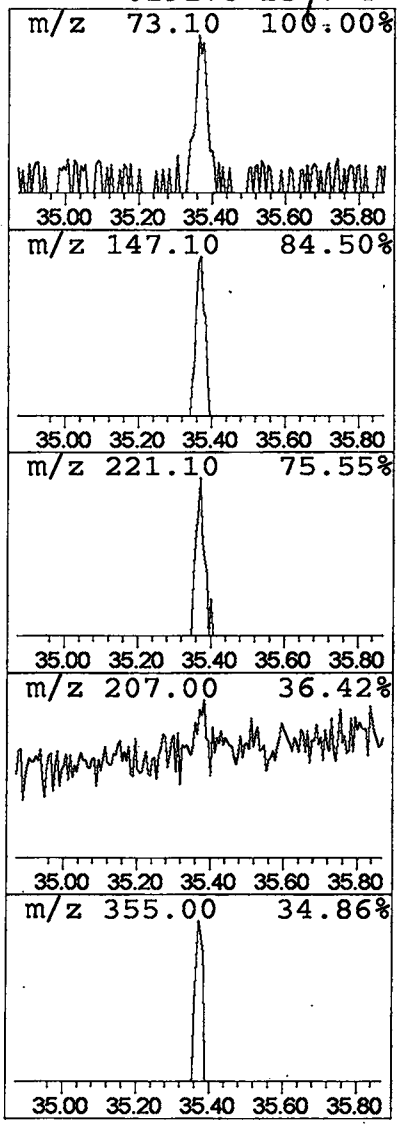
Peak Number 15 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.37	0.31 ug/L	136793	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	9
2	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	9
3	1,3-Benzodioxole, 5-[3-acetamino...	221	C12H15NO3	1000124-33-0	4
4	Pyrido[3,4-d]pyrimidin-4(3H)-one	147	C7H5N3O	019178-25-7	4





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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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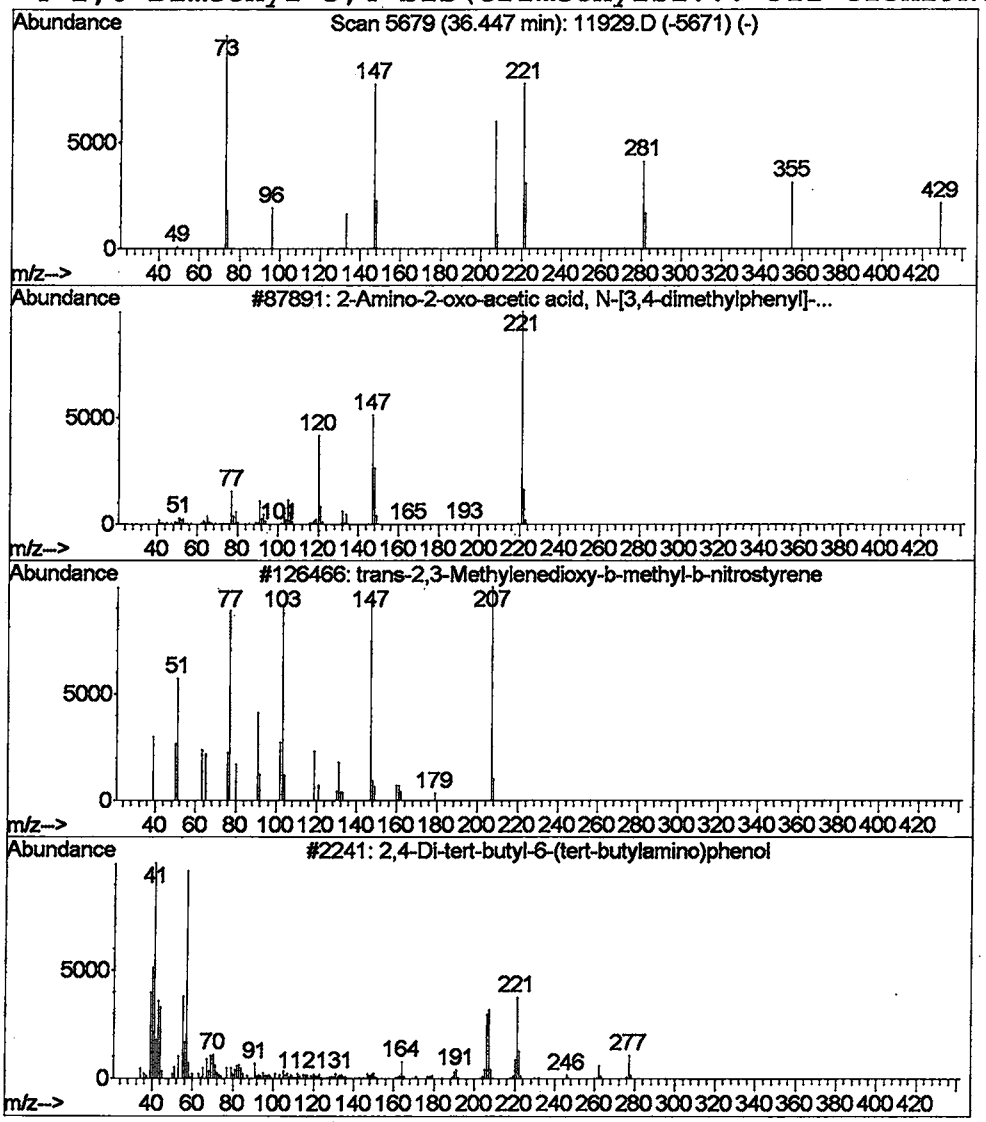
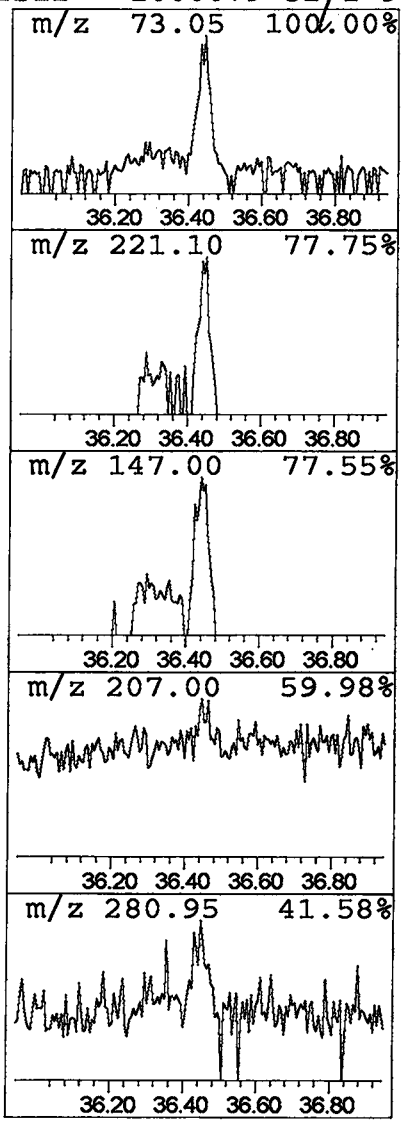
Peak Number 16 2-Amino-2-oxo-acetic acid, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.45	0.41 ug/L	183157	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	1000127-85-3	9
2	trans-2,3-Methylenedioxy-b-methy...	207	C10H9NO4	086029-47-2	9
3	2,4-Di-tert-butyl-6-(tert-butyla...	277	C18H31NO	1000224-34-5	9
4	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	9





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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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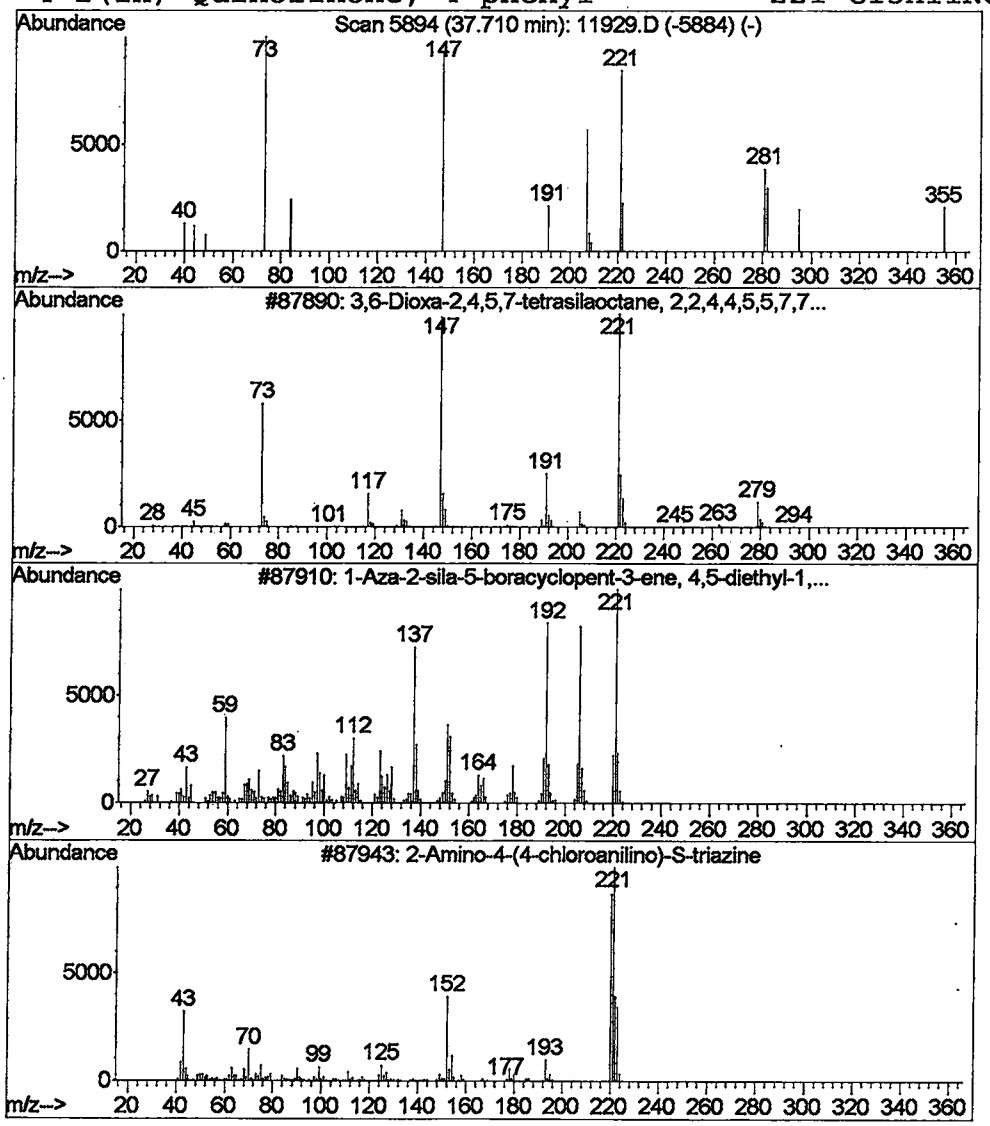
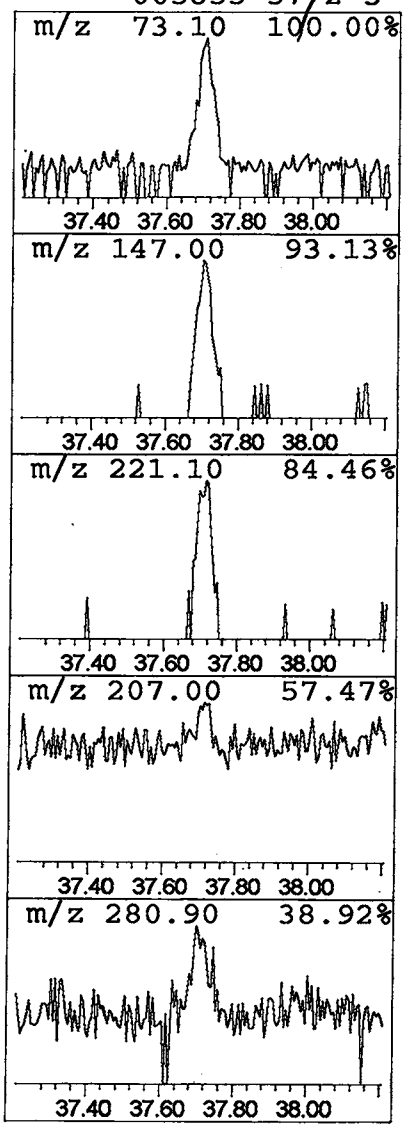
Peak Number 17 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.71	0.41 ug/L	179105	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	1-Aza-2-sila-5-boracyclopent-3-e...	221	C12H24BNSi	081620-70-4	22
3	2-Amino-4-(4-chloroanilino)-S-tr...	221	C9H8ClN5	000500-42-5	5
4	2(1H)-Quinolinone, 4-phenyl-	221	C15H11NO	005855-57-2	5





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Acq On : 23 May 2002 4:29 pm Operator: Mclean
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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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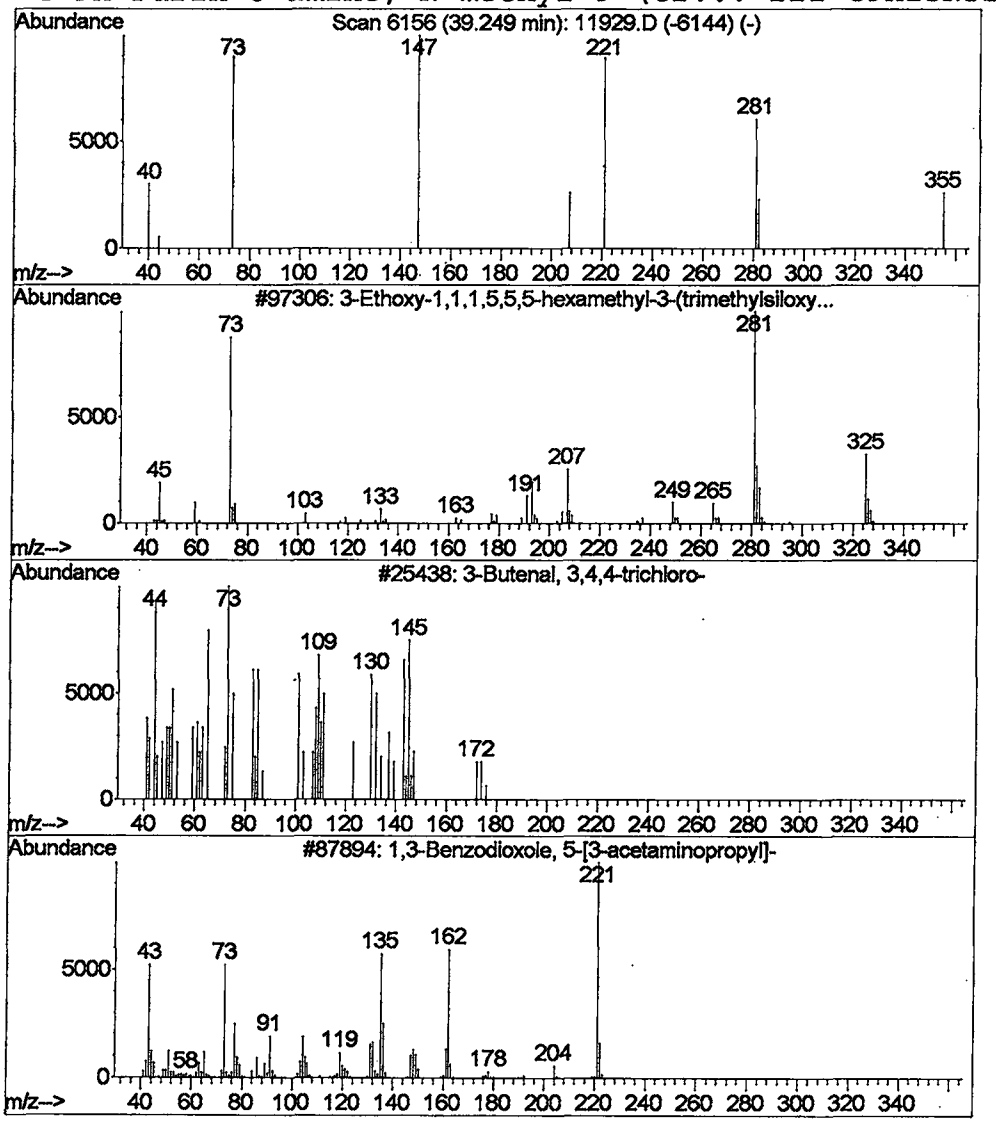
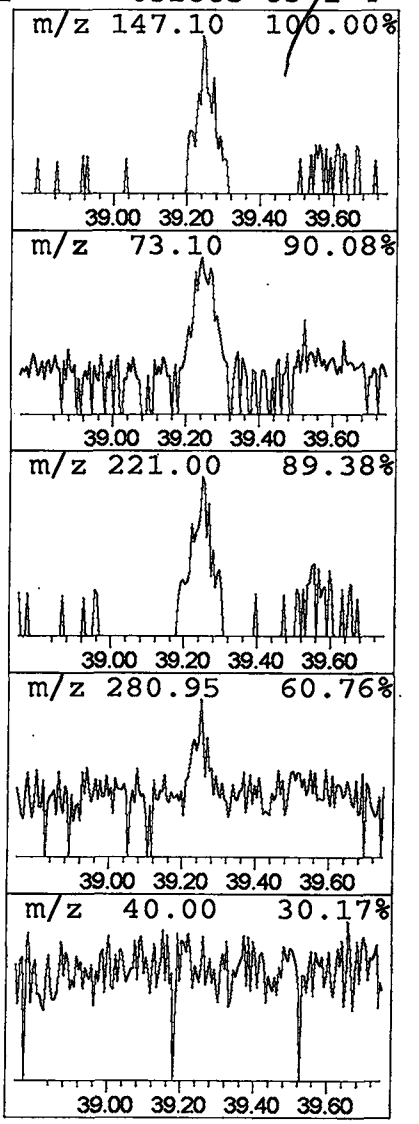
Peak Number 18 3-Ethoxy-1,1,1,5,5,5-hexame... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.25	0.20 ug/L	90125	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethoxy-1,1,1,5,5,5-hexamethyl-...	340	C11H32O4Si4	018030-67-6	10
2	3-Butenal, 3,4,4-trichloro-	172	C4H3Cl3O	108562-62-5	9
3	1,3-Benzodioxole, 5-[3-acetamino...	221	C12H15NO3	1000124-33-0	4
4	9H-Purin-6-amine, N-methyl-9-(tr...	221	C9H15N5Si	032865-83-1	4





Tentatively Identified Compound (LSC) summary

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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
Acetonitrile, dic...	3.54	0.2	ug/L	164069	1	9.90	28448000	40.0
Methylene Chloride	3.72	2.1	ug/L	1510430	1	9.90	28448000	40.0
1-Buten-3-yne, 1-...	3.75	0.6	ug/L	422704	1	9.90	28448000	40.0
Methylene Chloride	3.77	1.9	ug/L	1357080	1	9.90	28448000	40.0
Methylene Chloride	3.84	0.5	ug/L	342574	1	9.90	28448000	40.0
Piperidine	3.86	1.2	ug/L	885832	1	9.90	28448000	40.0
Dicyandiamide	3.92	0.6	ug/L	457663	1	9.90	28448000	40.0
Methylene Chloride	3.94	1.3	ug/L	924238	1	9.90	28448000	40.0
Bicyclo[3.2.0]hep...	4.27	1.0	ug/L	716995	1	9.90	28448000	40.0
2-Ethylacridine	5.37	0.3	ug/L	236894	1	9.90	28448000	40.0
2-Pentanone, 4-hy...	5.93	9.9	ug/L	7016320	1	9.90	28448000	40.0
Benzaldehyde	8.78	0.2	ug/L	147381	1	9.90	28448000	40.0
2,5-Dihydrophosph...	22.54	0.3	ug/L	295707	4	22.91	43204200	40.0
Anthracene-d10-	23.07	0.3	ug/L	294522	4	22.91	43204200	40.0
3,6-Dioxa-2,4,5,7...	35.37	0.3	ug/L	136793	6	34.66	17654300	40.0
2-Amino-2-oxo-ace...	36.45	0.4	ug/L	183157	6	34.66	17654300	40.0
3,6-Dioxa-2,4,5,7...	37.71	0.4	ug/L	179105	6	34.66	17654300	40.0
3-Ethoxy-1,1,1,5,...	39.25	0.2	ug/L	90125	6	34.66	17654300	40.0