User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 15:23:04

Sample: AE11800
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/3/02 15:22 Ended: 6/3/02 15:22 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		10.0

Comments for Sample AE11800 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-03-2002 Time: 15:23:30

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 3 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052202\11800.D Vial: 7
Acq On : 22 May 2002 6:43 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 08:41:28 2002 Quant Results File: 050102.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.90	152	4567319	40.00	ug/L	-0.03
10) Napthalene-d8	13.39	136	17878445	40.00	ug/L	-0.04
17) Acenapthalene-d10	18.53	164	9752759	40.00	ug/L	-0.04
29) Phenanthranene-d10	22.91	188	14643577	40.00	ug/L	-0.04
37) Chrysene-d12	30.76	240	9282210	40.00	ug/L	-0.05
43) Perylene-d12	34.66	264	4486021	40.00	ug/L	-0.05
System Monitoring Compounds						
27) TCMX	20.51	209	2160587	36.49	ug/L	-0.03
Spiked Amount 40.000			Recovery = 91.22%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'oxybis(1-Chloropropane	0.00	45	0	N.D.		
8) N-nitroso-di-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Napthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) 2-Chloronaphthalene	0.00	162	0	N.D.		
19) Dimethylphthalate	0.00	163	0	N.D.		
20) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
21) Acenapthylene	0.00	152	0	N.D.		
22) Acenapthalene	0.00	153	0	N.D.		
23) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
24) Diethylphthalate	0.00	149	0	N.D.		
25) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
26) Fluorene	0.00	166	0	N.D.		
28) Azobenzene	20.50	77	36427	N.D.		
30) Nnitrosodiphenylamine	20.51	169	40712	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

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Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36) Fluoroanthene	0.00	202	0	N.D.	
38) Pyrene	0.00	202	0	N.D.	
39) Butylbenzylphthalate	0.00	149	0	N.D.	
40) Benzo(a)anthracene	30.76	228	21336	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)

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Acq On : 22 May 2002 6:43 pm Operator: Mclean
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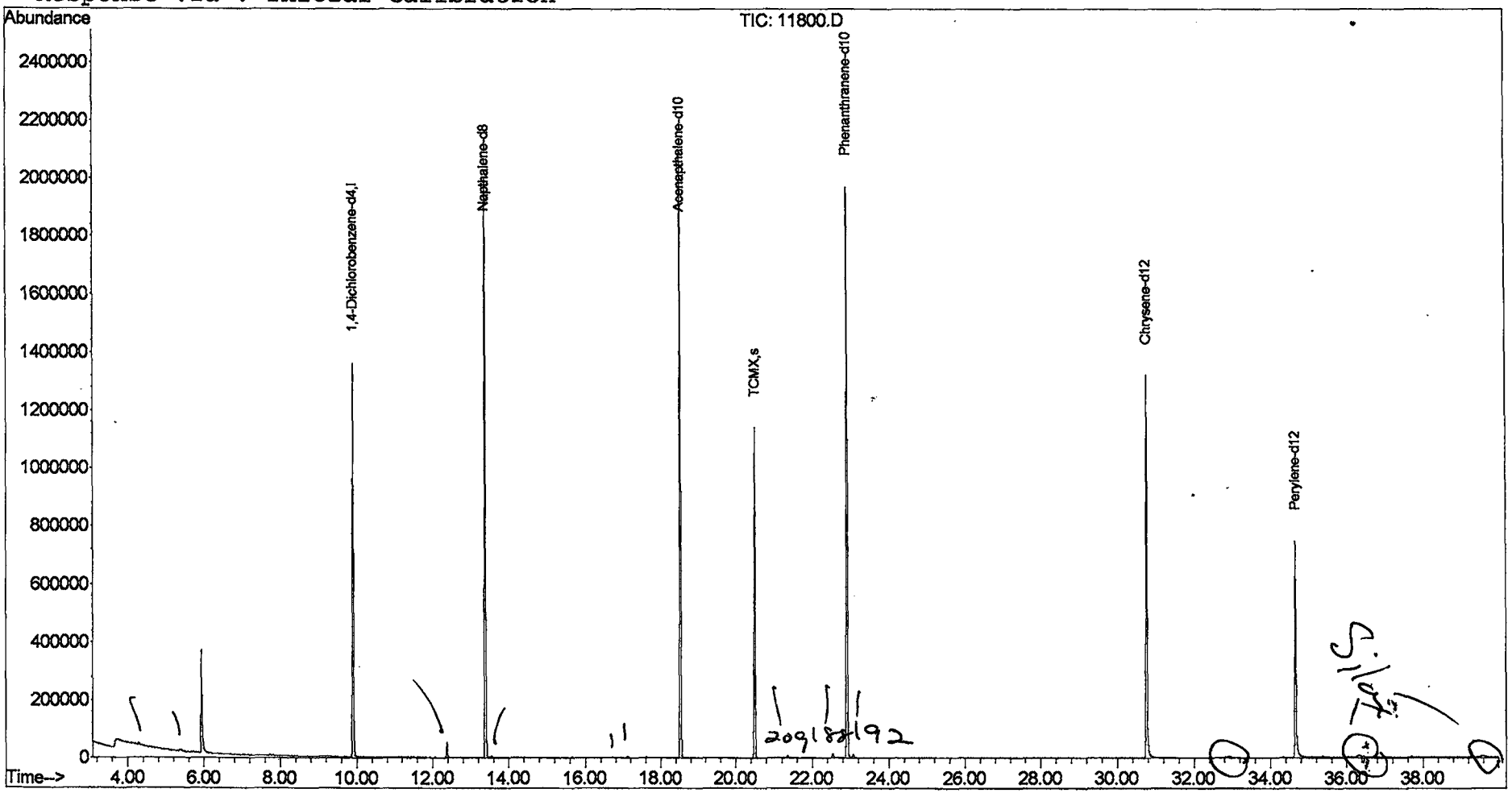
Quant Time: May 23 8:41 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 22 15:21:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052202\11800.D Vial: 7
Acq On : 22 May 2002 6:43 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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

Signal : TIC

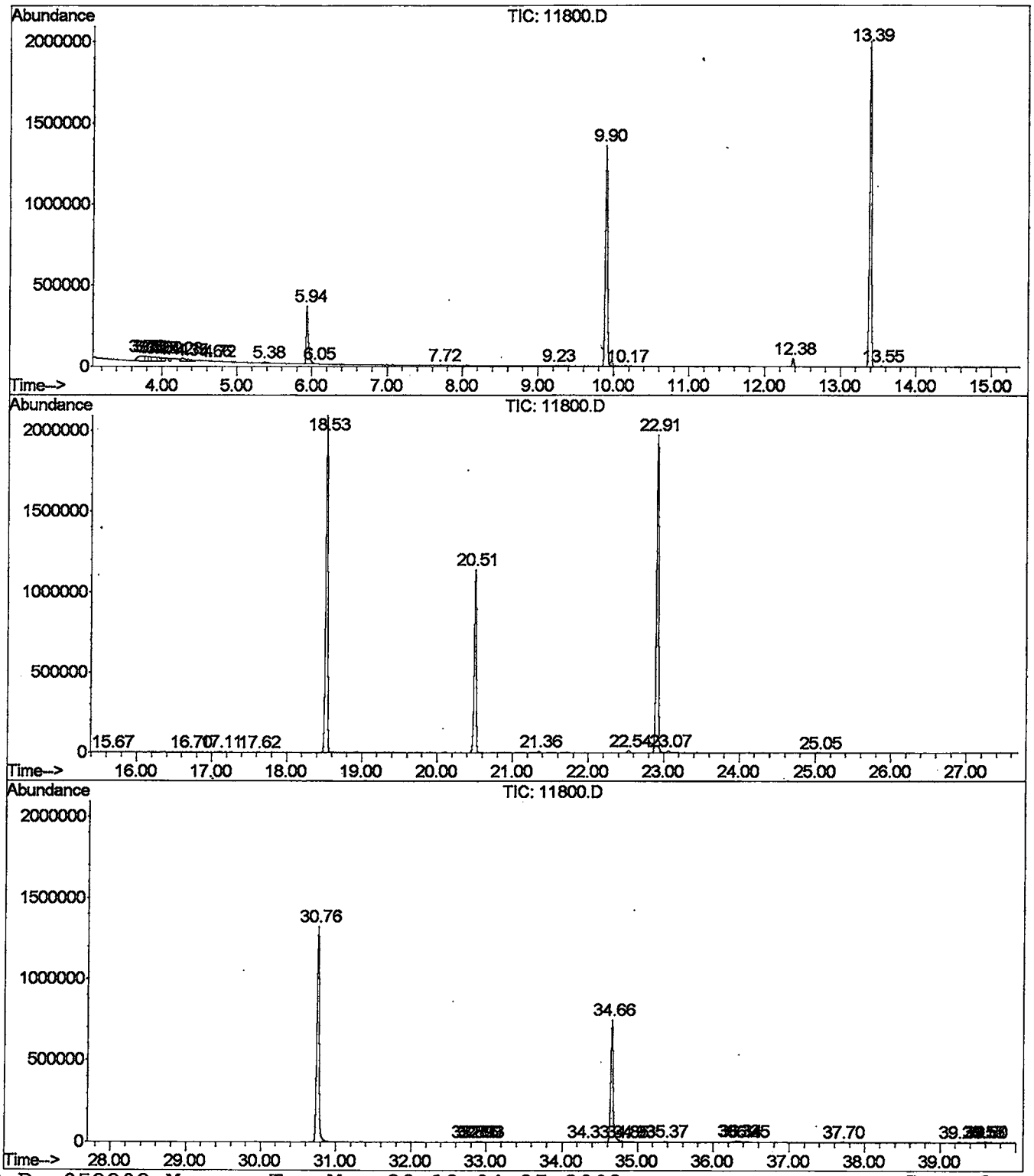
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.726	93	110	117	PV 4	29037	1756220	4.43%	0.773%
2	3.779	117	119	125	VV 5	28636	761803	1.92%	0.335%
3	3.826	125	127	132	VV 4	26909	606264	1.53%	0.267%
4	3.867	132	134	146	VV 9	23734	1088845	2.75%	0.479%
5	3.955	146	149	155	VV 7	22296	658017	1.66%	0.290%
6	4.002	155	157	164	VV 6	20177	591145	1.49%	0.260%
7	4.108	173	175	178	VV 3	16190	286485	0.72%	0.126%
8	4.278	197	204	214	VV 4	18493	771343	1.95%	0.340%
9	4.348	214	216	232	VV 7	11511	577902	1.46%	0.254%
10	4.660	266	269	271	VV 4	3683	45925	0.12%	0.020%
11	4.713	276	278	282	PV 5	1474	13791	0.03%	0.006%
12	5.383	384	392	414	PV 5	6100	304324	0.77%	0.134%
13	5.935	479	486	504	PV	353496	6998412	17.67%	3.081%
14	6.052	504	506	509	VV 4	2111	22529	0.06%	0.010%
15	7.715	785	789	795	PV 4	3098	72614	0.18%	0.032%
16	9.225	1038	1046	1052	VV 5	2235	49569	0.13%	0.022%
17	9.901	1150	1161	1176	PV	1348456	27162156	68.59%	11.958%
18	10.165	1202	1206	1212	PV 5	2047	34301	0.09%	0.015%
19	12.374	1574	1582	1588	PV	50723	770637	1.95%	0.339%
20	13.391	1743	1755	1775	PV	1966604	36287610	91.63%	15.975%
21	13.550	1775	1782	1791	VV	5584	109002	0.28%	0.048%
22	15.665	2124	2142	2149	PV 6	1661	35570	0.09%	0.016%
23	16.705	2300	2319	2324	PV 5	2837	69528	0.18%	0.031%
24	17.110	2383	2388	2394	VV 2	5812	93799	0.24%	0.041%
25	17.621	2471	2475	2481	VV 3	2881	43196	0.11%	0.019%
26	18.532	2619	2630	2643	PV	2086078	39602699	100.00%	17.435%
27	20.506	2953	2966	2978	PV	1134777	21250933	53.66%	9.356%
28	21.358	3100	3111	3123	BV 3	8264	141237	0.36%	0.062%
29	22.539	3304	3312	3325	PV 2	13373	247183	0.62%	0.109%
30	22.915	3363	3376	3393	PV 2	1950436	39523878	99.80%	17.400%
31	23.068	3393	3402	3414	VV 2	10704	221729	0.56%	0.098%
32	25.048	3733	3739	3750	PV	1594	33396	0.08%	0.015%
33	30.759	4698	4711	4745	PV 2	1310928	28428888	71.79%	12.516%
34	32.798	5047	5058	5060	VV 5	1661	42492	0.11%	0.019%
35	32.863	5060	5069	5070	VV 3	2586	72043	0.18%	0.032%
36	32.904	5070	5076	5078	VV 4	4156	92702	0.23%	0.041%
37	32.933	5078	5081	5095	VV 8	3454	119743	0.30%	0.053%

38	34.326	5309	5318	5324	PV	5	2579	51145	0.13%	0.023%
39	34.655	5361	5374	5405	VV	2	732228	16482884	41.62%	7.256%
40	34.849	5405	5407	5420	VV	10	3912	161672	0.41%	0.071%
41	34.937	5420	5422	5423	VV		3064	30647	0.08%	0.013%
42	35.371	5488	5496	5505	VV	4	4888	174358	0.44%	0.077%
43	36.317	5642	5657	5660	VV	7	7380	295528	0.75%	0.130%
44	36.341	5660	5661	5672	VV	6	6963	209460	0.53%	0.092%
45	36.447	5672	5679	5686	VV	6	4666	160501	0.41%	0.071%
46	37.704	5883	5893	5907	VV	8	2913	137877	0.35%	0.061%
47	39.243	6149	6155	6168	VV	9	2406	81895	0.21%	0.036%
48	39.555	6190	6208	6209	PV	8	4191	134408	0.34%	0.059%
49	39.573	6209	6211	6212	VV		4765	51291	0.13%	0.023%
50	39.596	6212	6215	6234	VV	8	4336	188081	0.47%	0.083%

Sum of corrected areas: 227147657

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052202\11800.D
Operator : Mclean
Acquired : 22 May 2002 6:43 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/21, ad
Misc Info :
Vial Number: 7
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11800.D
Acq On : 22 May 2002 6:43 pm
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 7
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

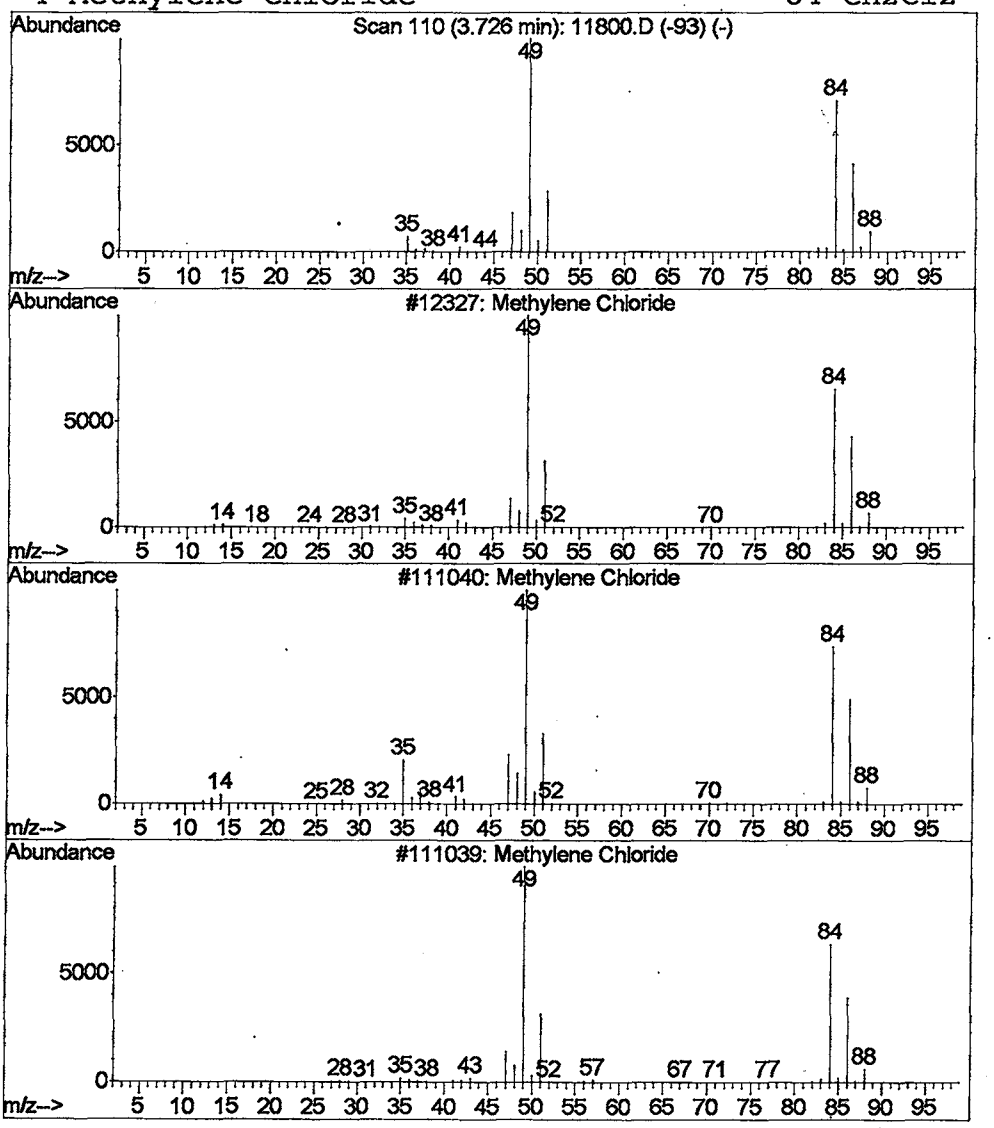
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

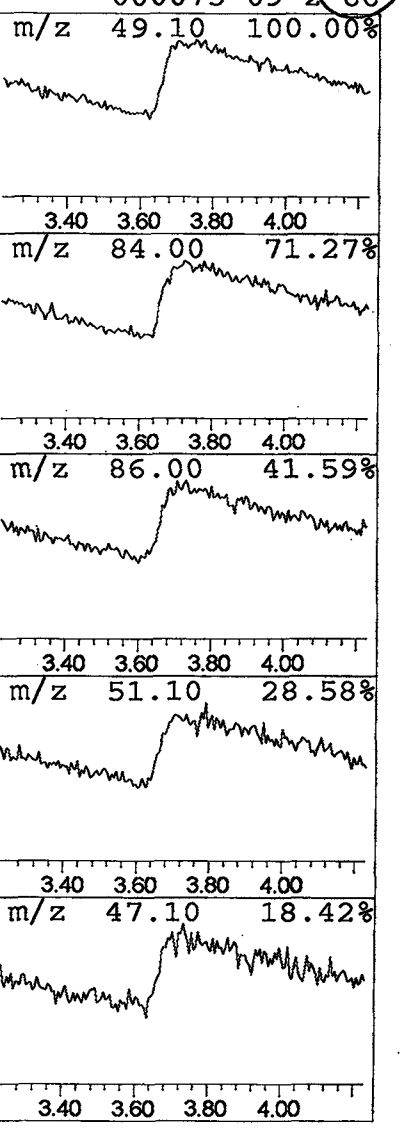
****

Peak Number 1 Methylene Chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	2.59 ug/L	1756220	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	94
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	86





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11800.D
Acq On : 22 May 2002 6:43 pm
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 7
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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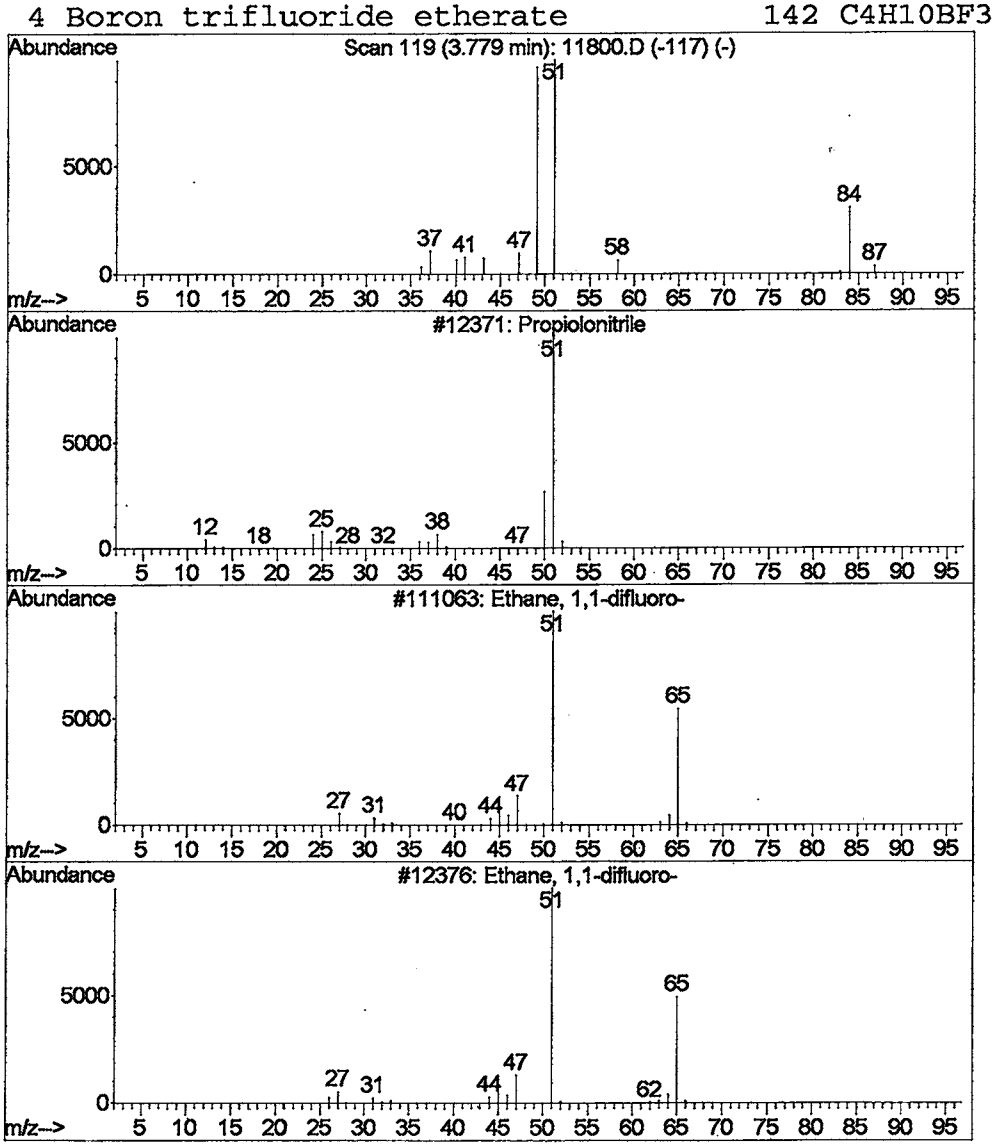
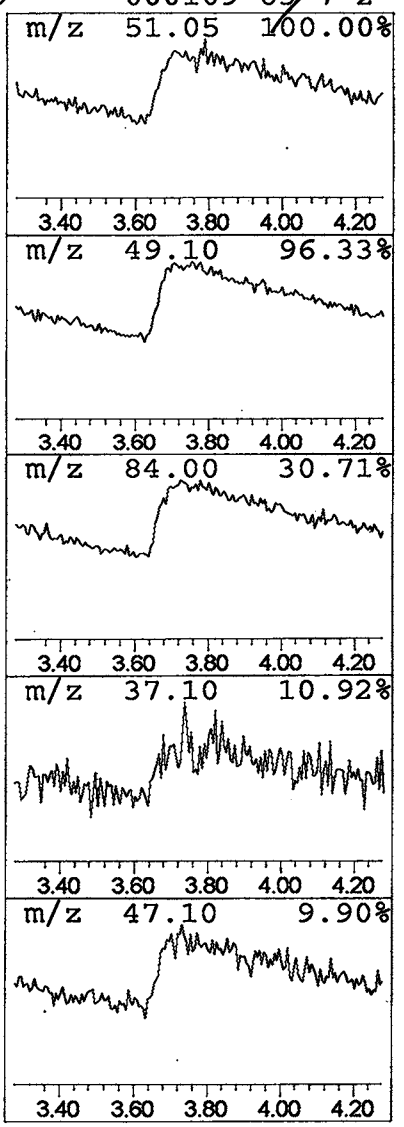
****

Peak Number 2 Propiolonitrile Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	1.12 ug/L	761803	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propiolonitrile	51	C3HN	001070-71-9	4
2	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	2
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	2
4	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	2





Library Search Compound Report

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Acq On : 22 May 2002 6:43 pm
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 7
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

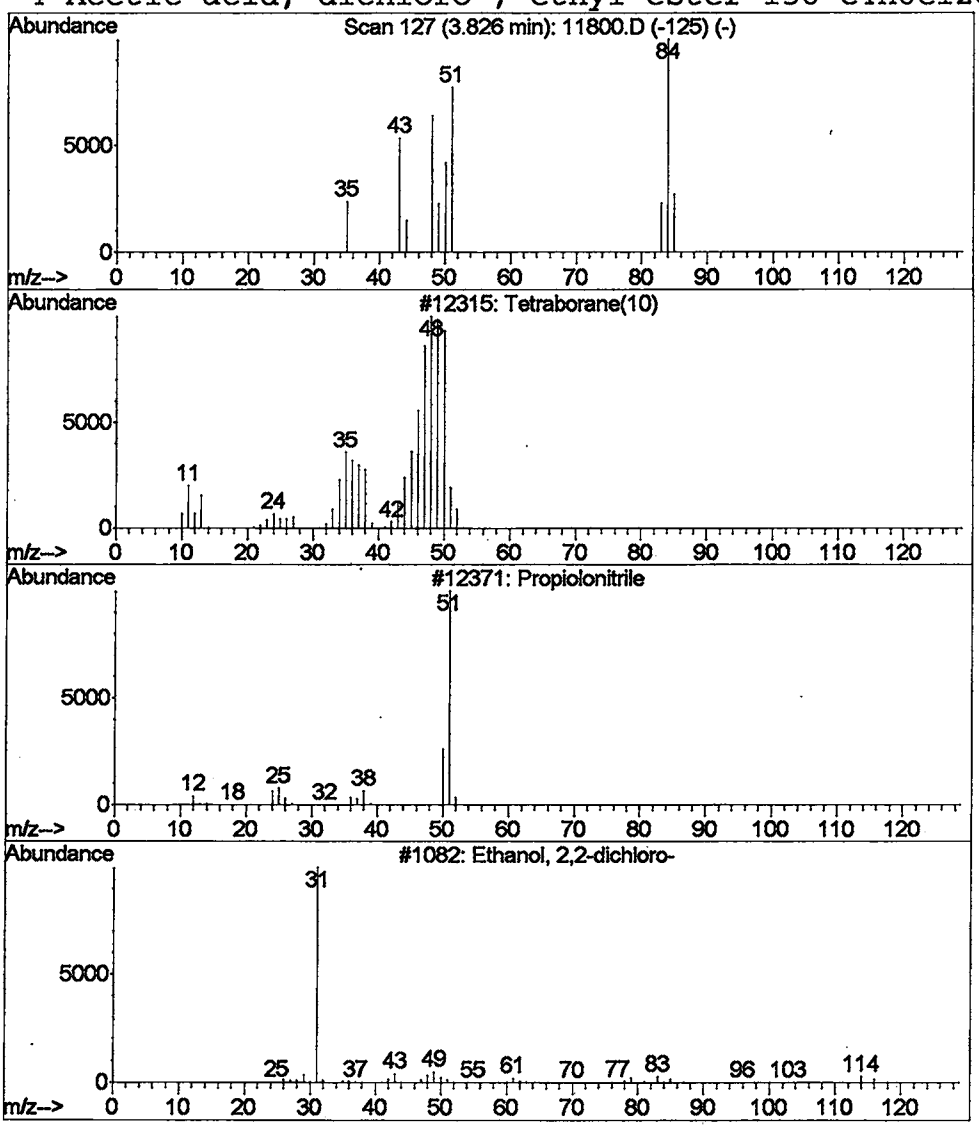
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

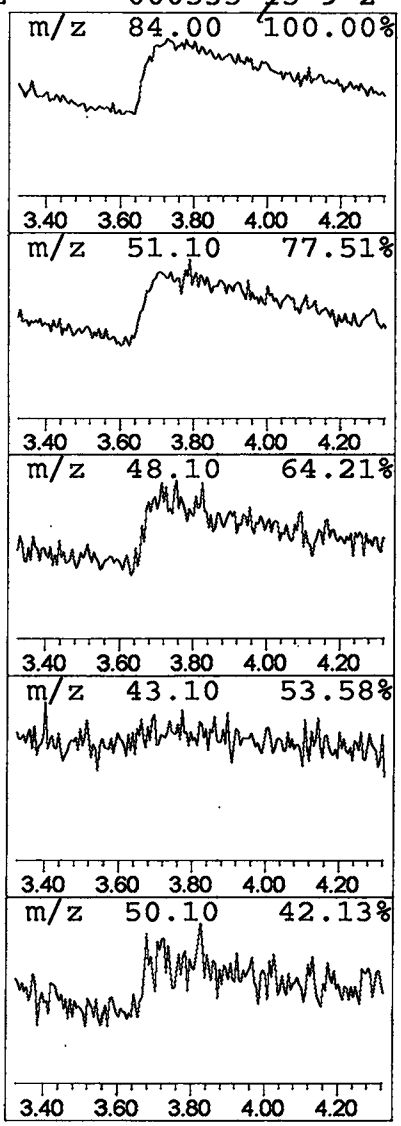
****

Peak Number 3 Tetraborane(10) Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	0.89 ug/L	606264	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	3
3	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	2
4	Acetic acid, dichloro-, ethyl ester	156	C4H6Cl2O2	000535-15-9	2





Library Search Compound Report

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Acq On : 22 May 2002 6:43 pm
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 7
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

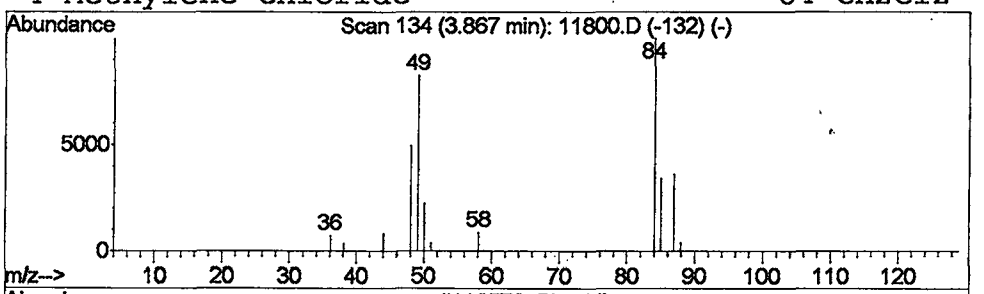
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

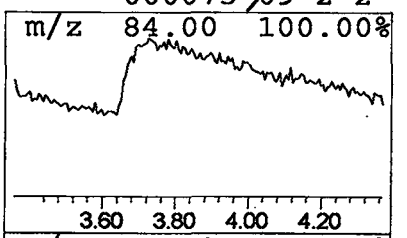
****

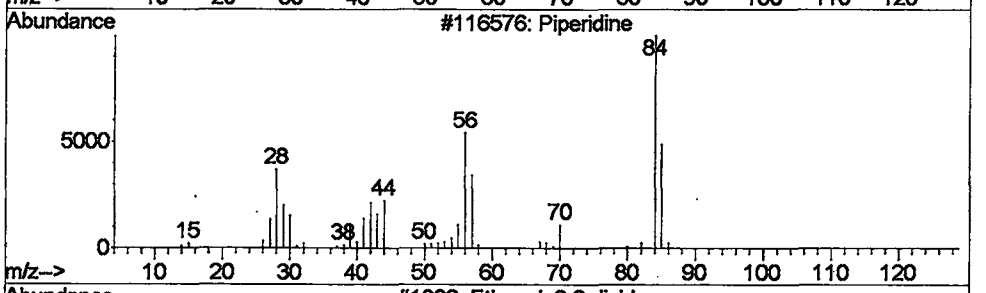
Peak Number 4 Piperidine Concentration Rank 3

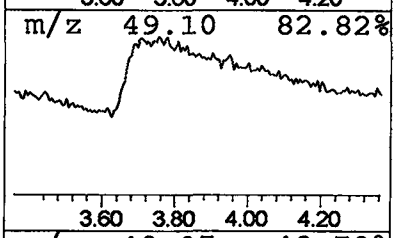
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.86	1.60 ug/L	1088840	1,4-Dichlorobenzene-d4	9.90

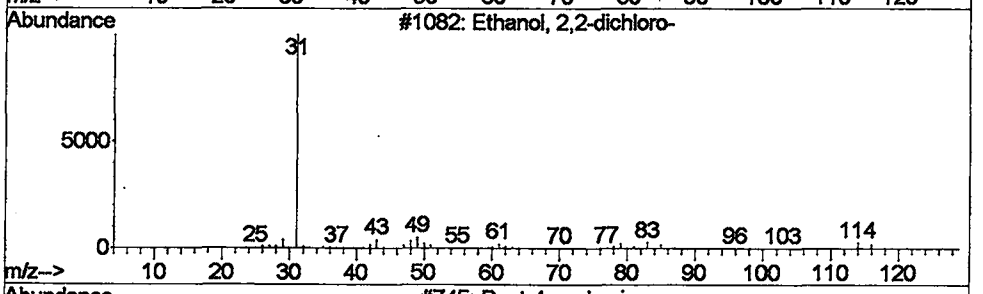
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine	85	C5H11N	000110-89-4	8
2	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	2
3	Pent-4-enylamine	85	C5H11N	022537-07-1	2
4	Methylene Chloride	84	CH2Cl2	000075-09-2	2

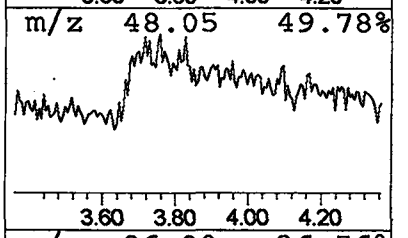


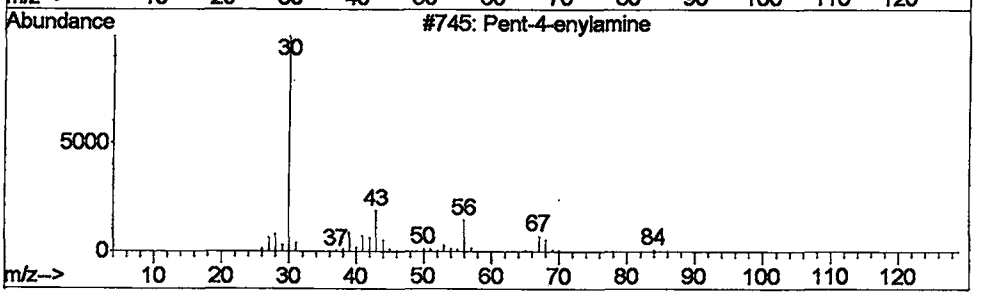


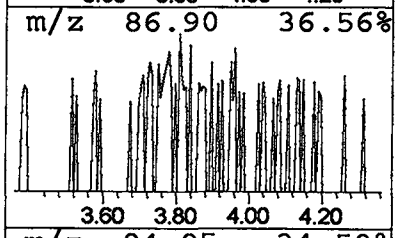


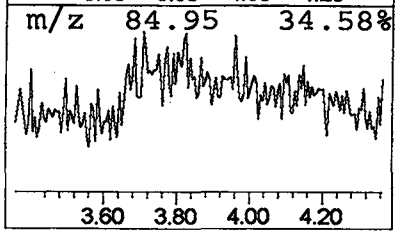












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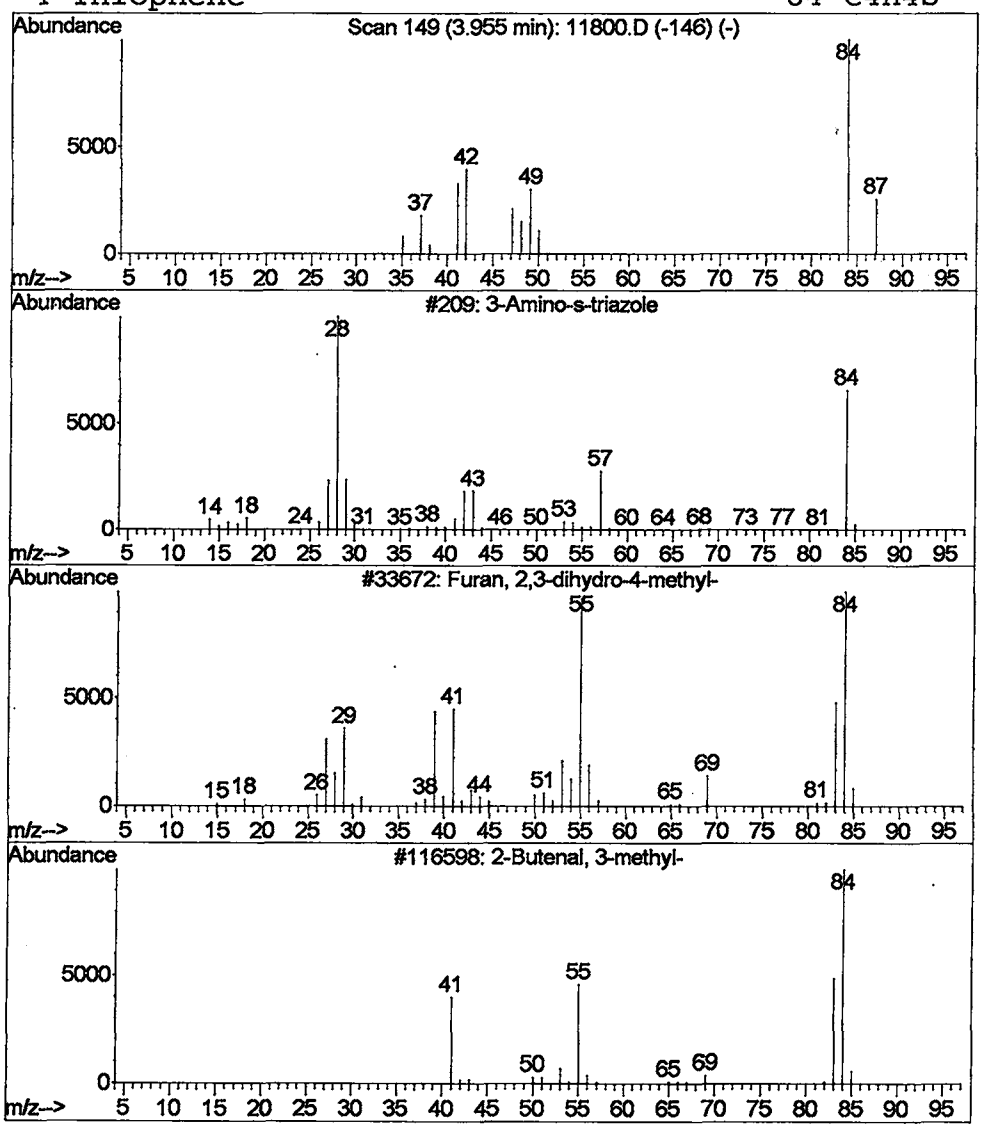
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

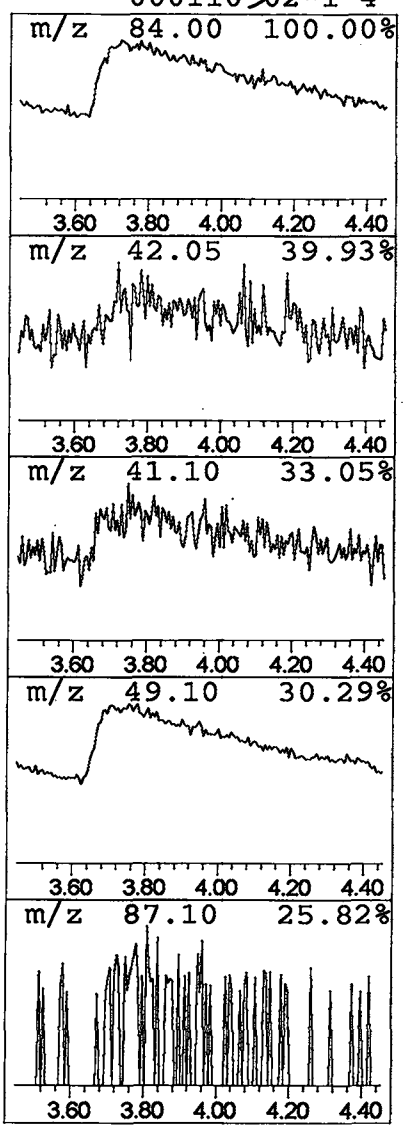
****

Peak Number 5 3-Amino-s-triazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.95	0.97 ug/L	658017	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Amino-s-triazole	84	C2H4N4	000061-82-5	4
2	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	4
3	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	4
4	Thiophene	84	C4H4S	000110-02-1	4





Library Search Compound Report

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Sample : 5/21 ad Inst : Instrumen
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Library : C:\DATABASE\NIST98.L

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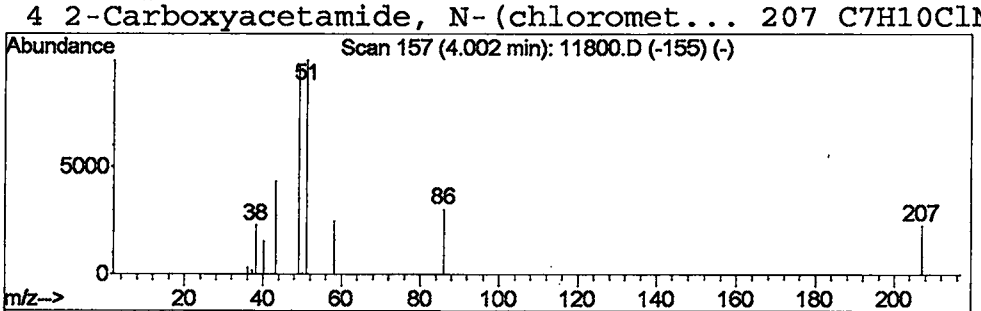
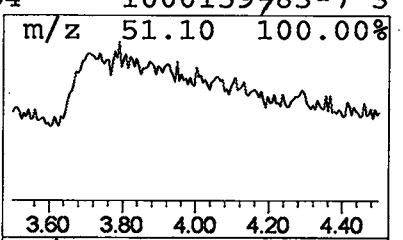
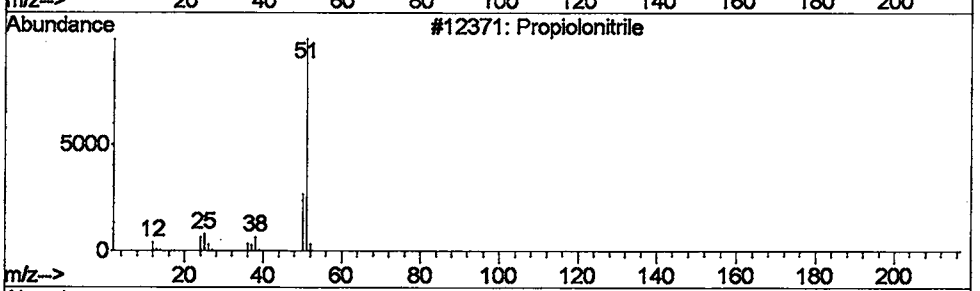
Peak Number 6 Propiolonitrile Concentration Rank 8

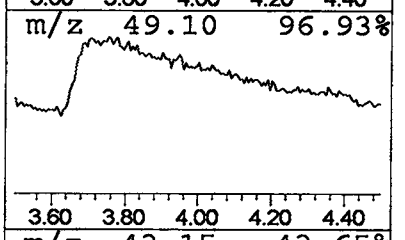
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	0.87 ug/L	591145	1,4-Dichlorobenzene-d4	9.90

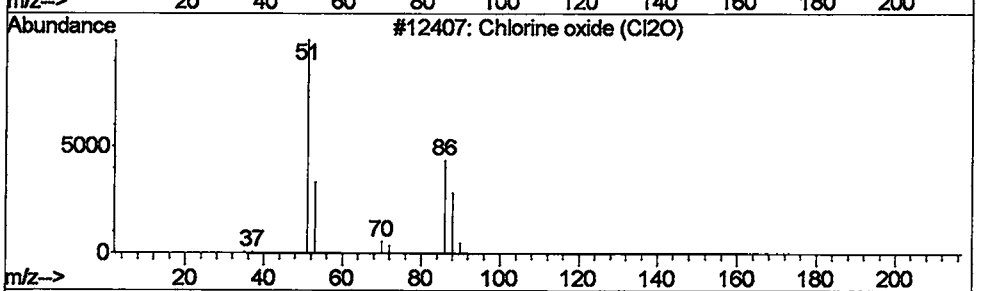
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propiolonitrile	51	C3HN	001070-71-9	5
2	Chlorine oxide (Cl2O)	86	Cl2O	007791-21-1	5
3	Methylene Chloride	84	CH2Cl2	000075-09-2	4
4	2-Carboxyacetamide, N-(chloromet...	207	C7H10ClNO4	1000159-83-7	3

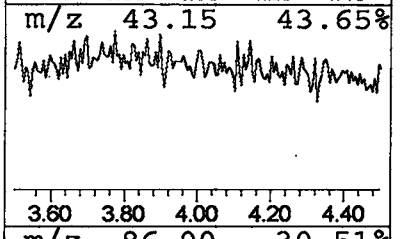


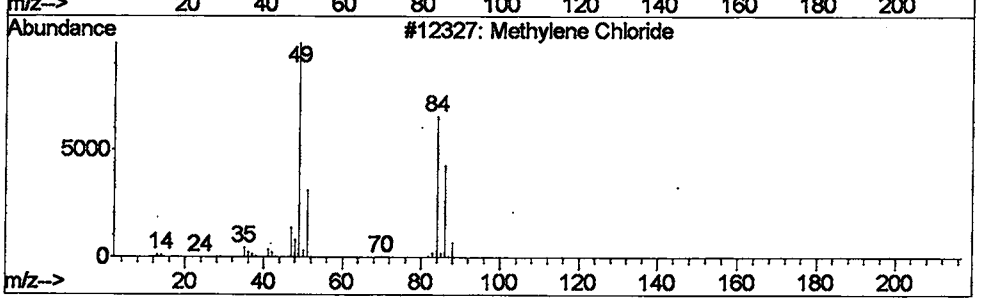


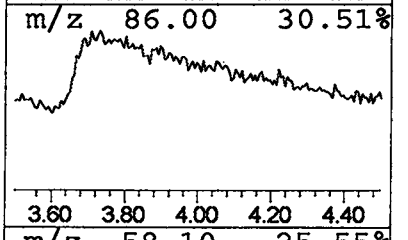


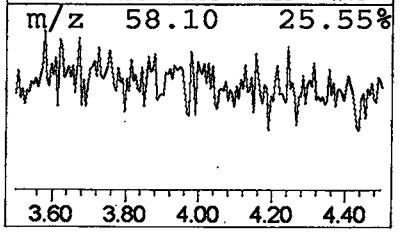












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Multiplr: 1.00

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Title : 508 Modified GC/MS scan
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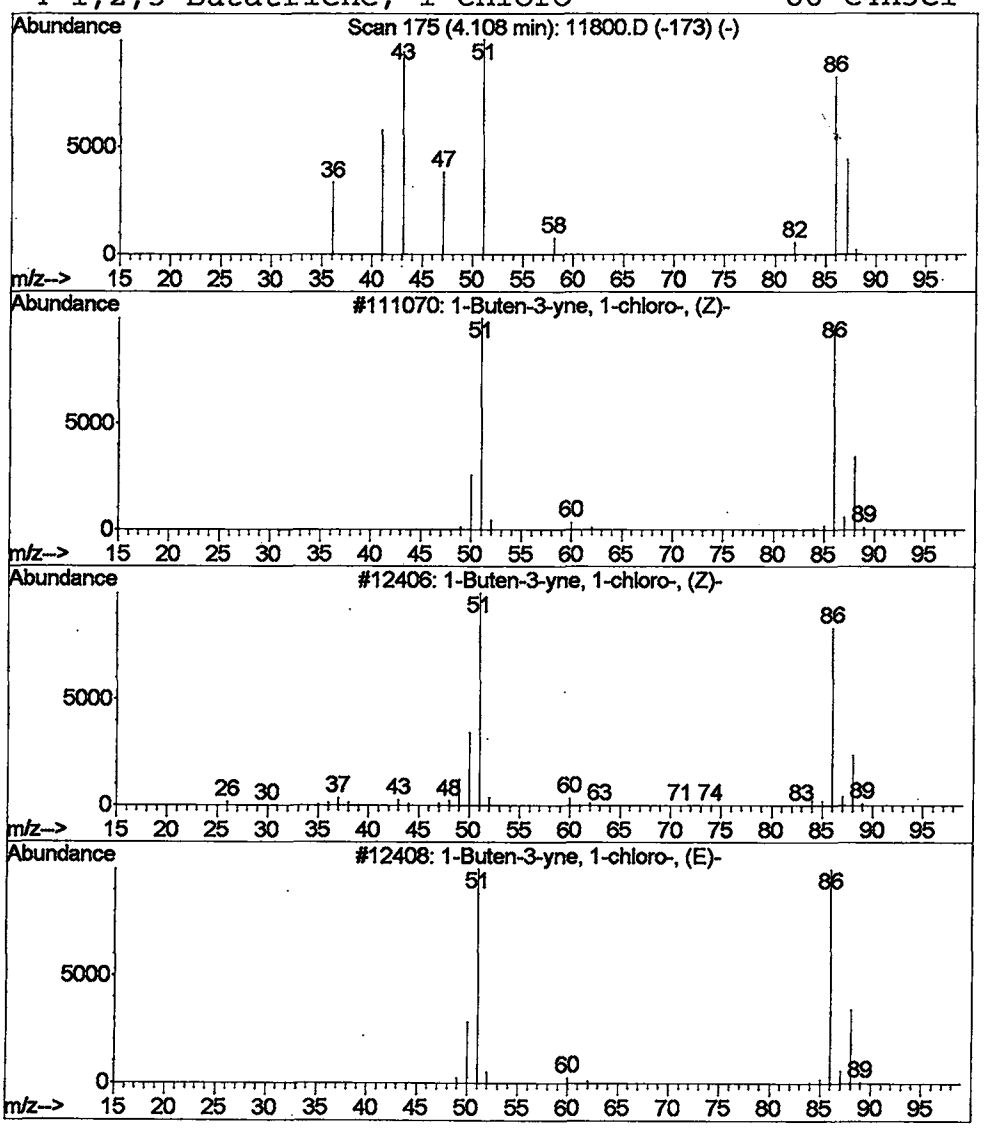
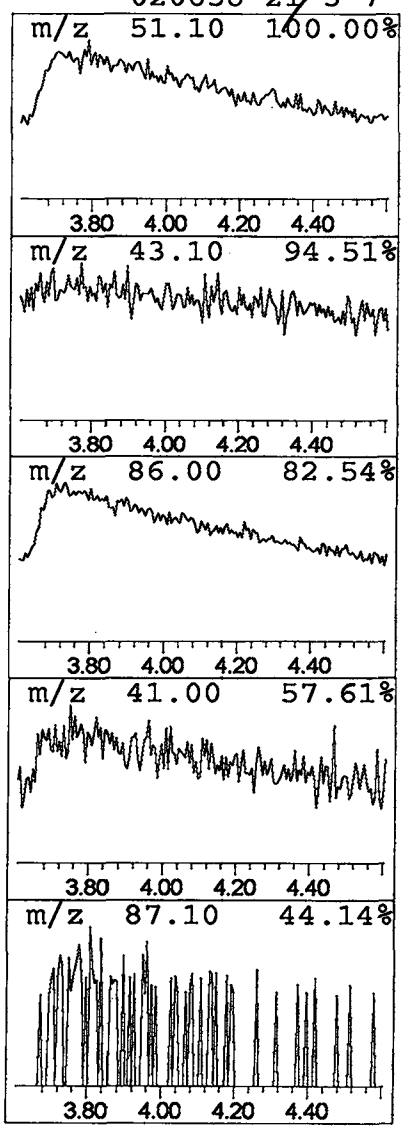
Peak Number 7 1-Buten-3-yne, 1-chloro-, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	0.42 ug/L	286485	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	1-Buten-3-yne, 1-chloro-, (E)-	86	C4H3Cl	020374-91-8	7
4	1,2,3-Butatriene, 1-chloro-	86	C4H3Cl	020658-21-3	7





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

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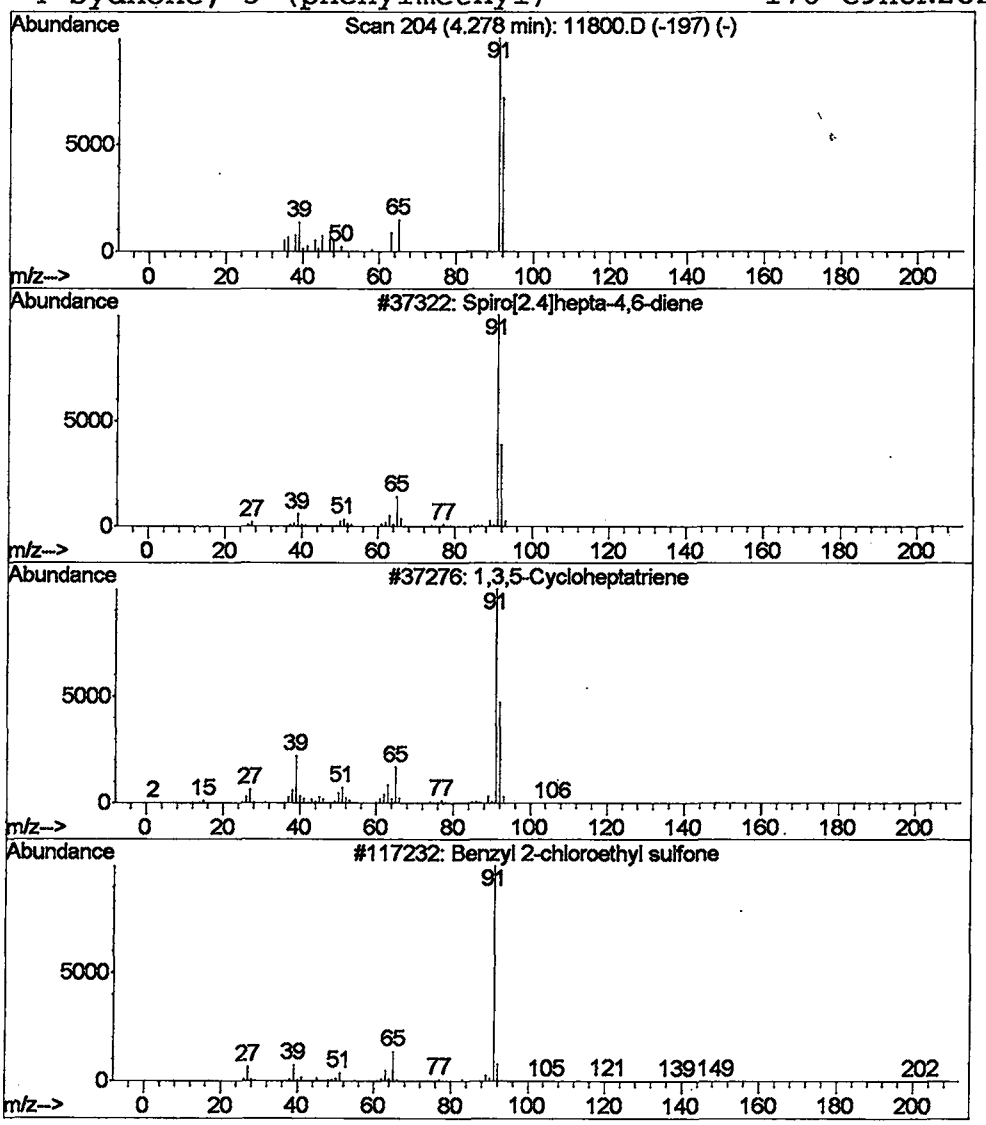
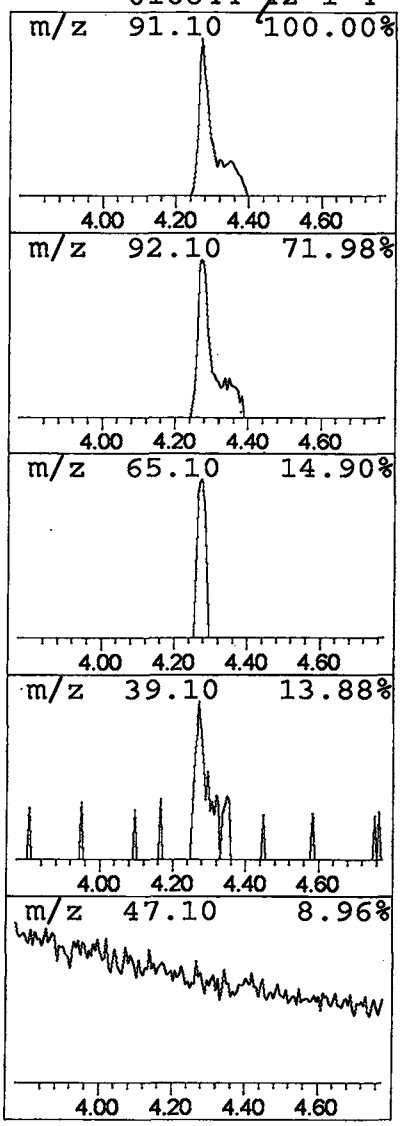
Peak Number 8 Spiro[2.4]hepta-4,6-diene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	1.14 ug/L	771343	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	5
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	5
3	Benzyl 2-chloroethyl sulfone	218	C9H11ClO2S	066998-67-2	4
4	Sydnone, 3-(phenylmethyl)-	176	C9H8N2O2	016844-42-1	4





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Multiplr: 1.00

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Library : C:\DATABASE\NIST98.L

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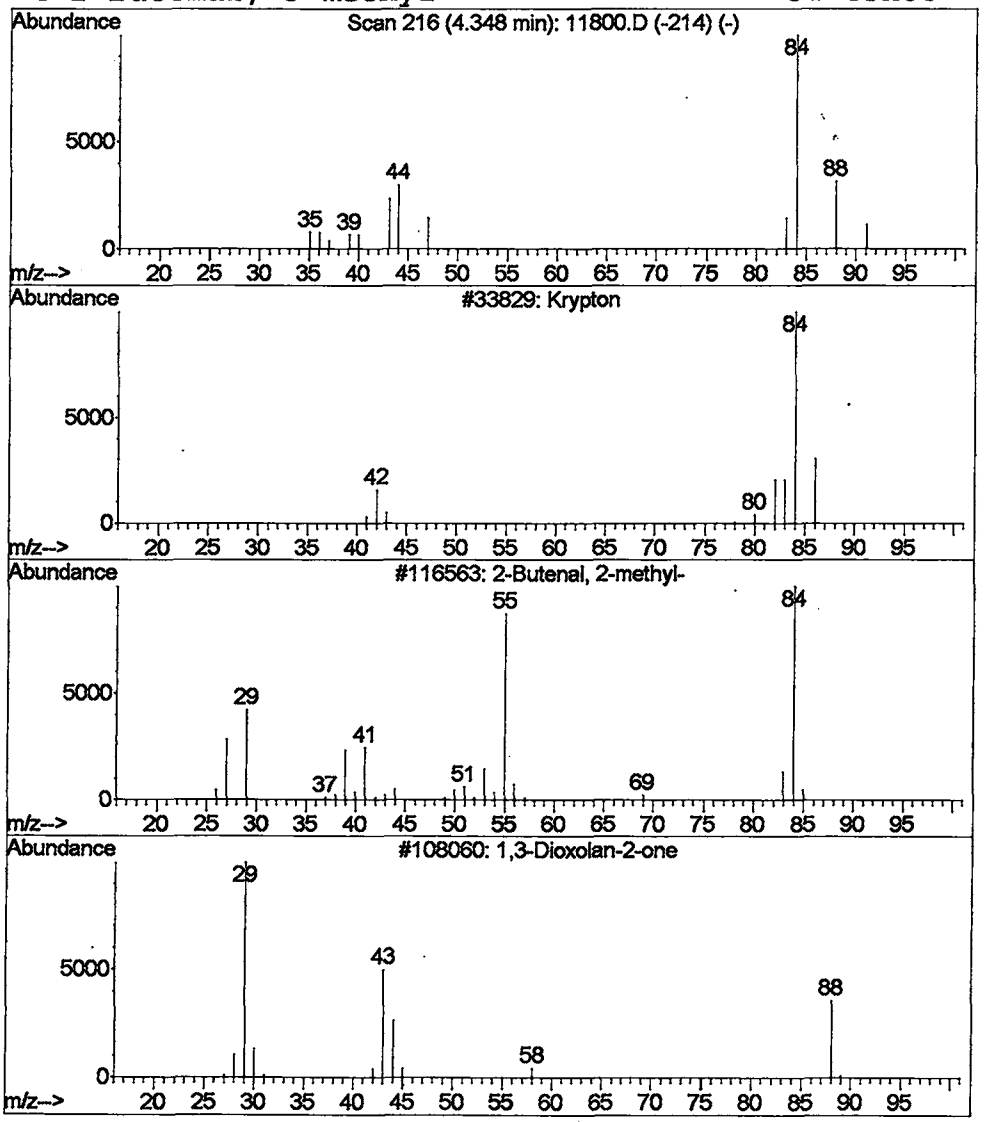
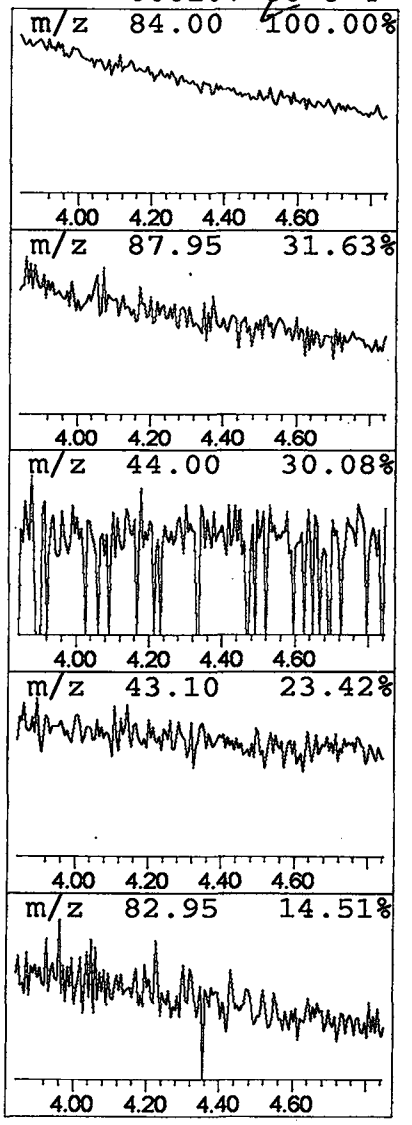
Peak Number 9 Krypton — Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	0.85 ug/L	577902	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	4
2	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	4
3	1,3-Dioxolan-2-one	88	C3H4O3	000096-49-1	4
4	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	4





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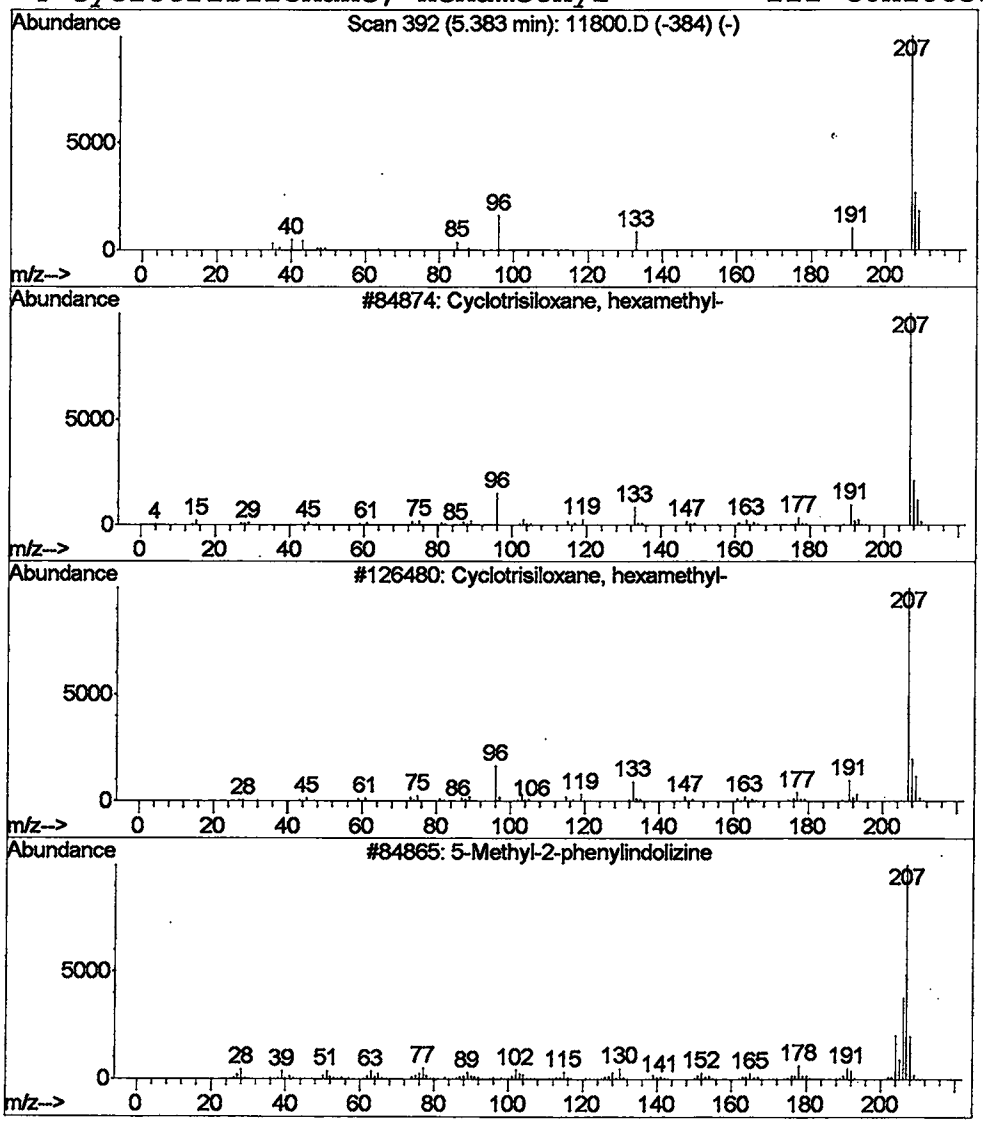
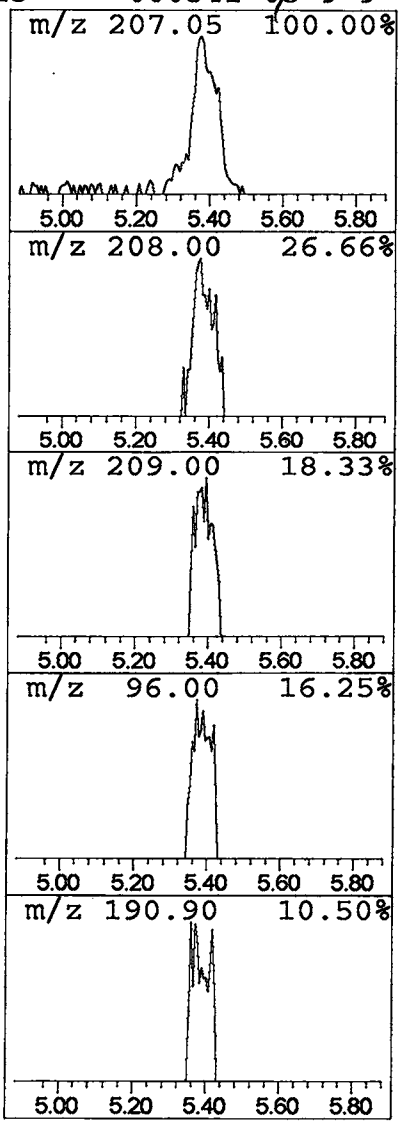
Peak Number 10 Cyclotrisiloxane, hexamethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	0.45 ug/L	304324	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	78
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	9
4	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	9





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

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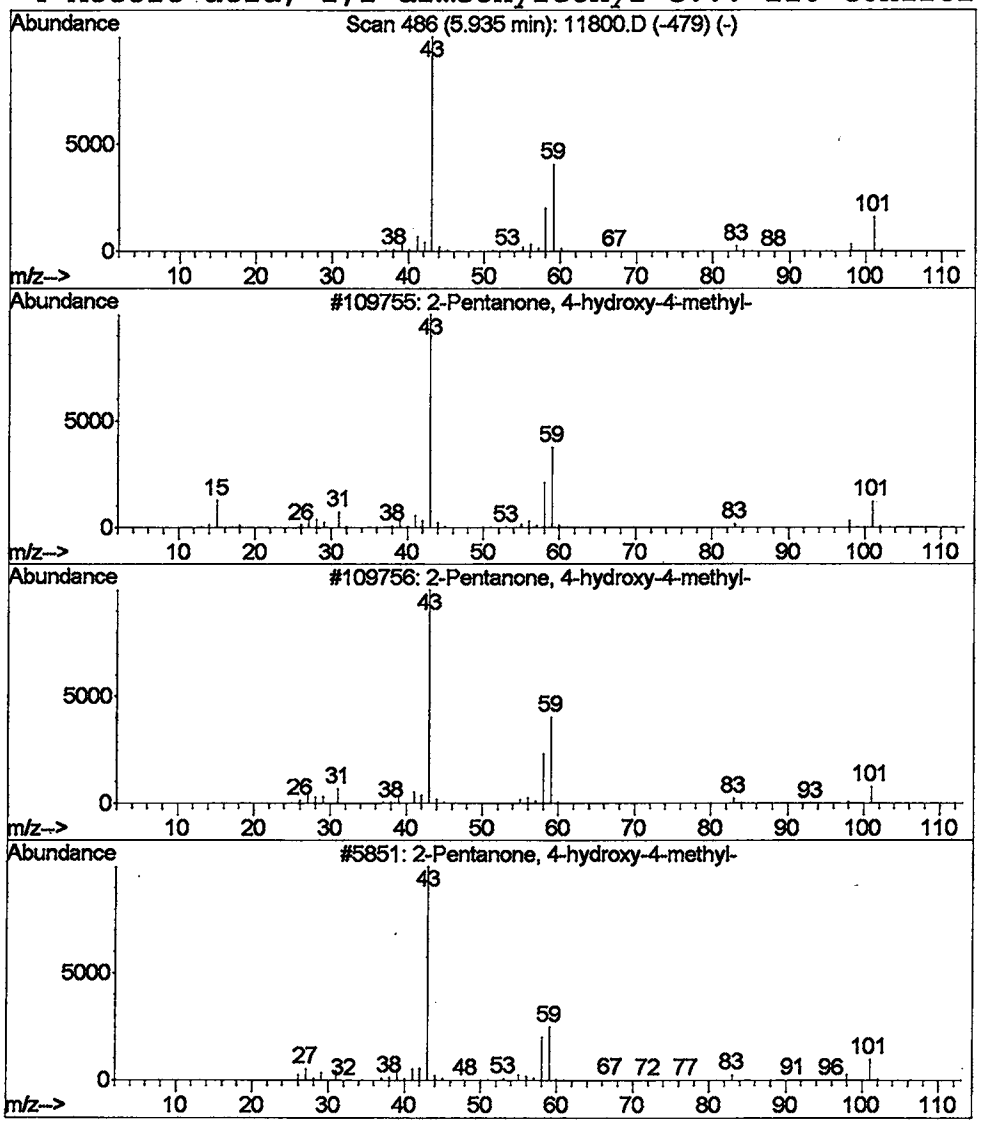
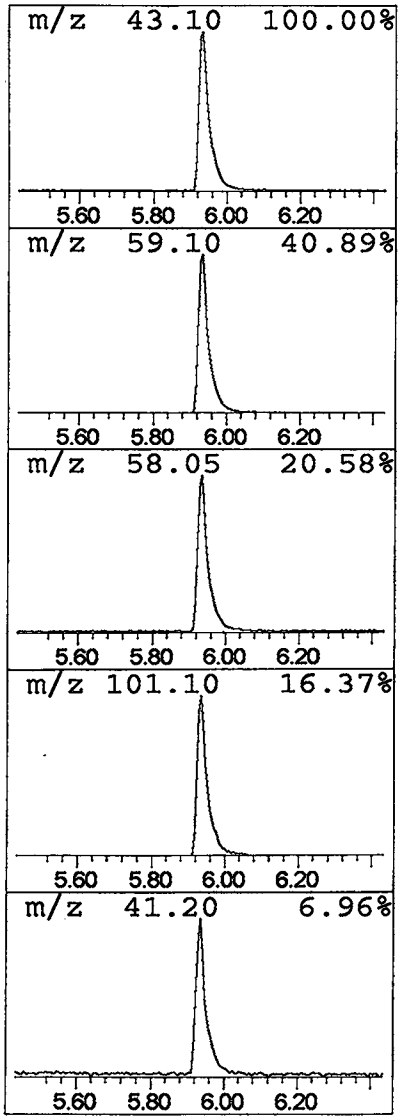
Peak Number 11 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	10.31 ug/L	6998410	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	90
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25





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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
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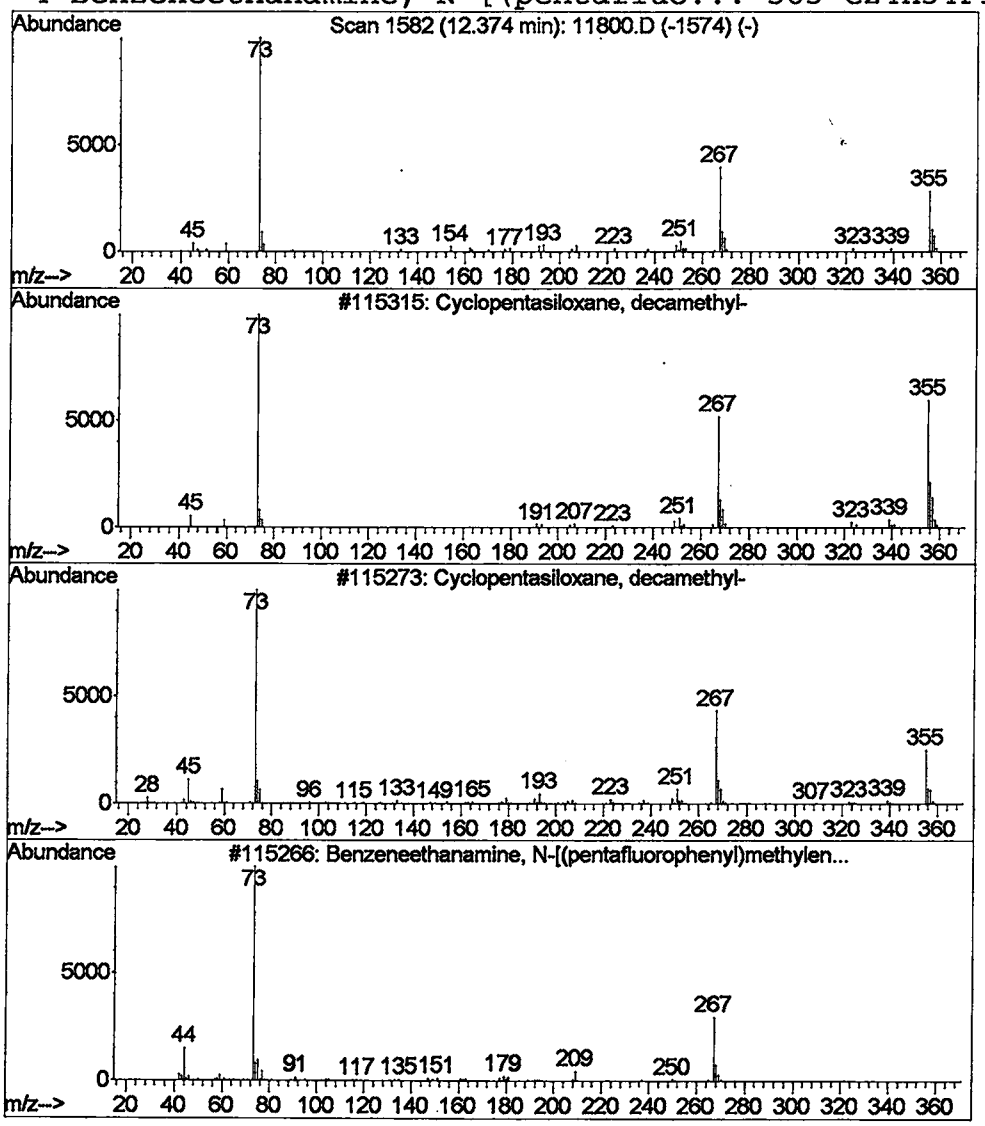
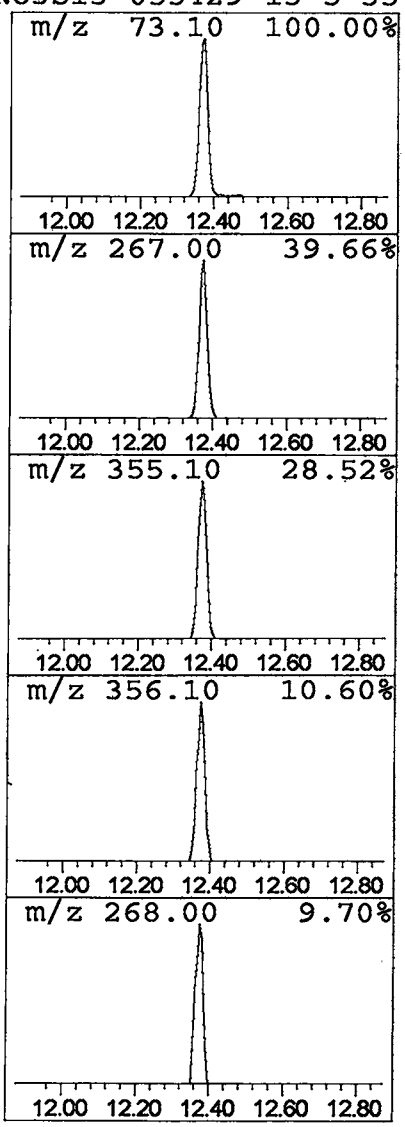
Peak Number 12 Cyclopentasiloxane, decamet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	0.85 ug/L	770637	Napthalene-d8	13.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	46
3	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	38
4	Benzeneethanamine, N-[(pentafluo...	563	C24H34F5NO3Si3	055429-13-5	35





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Library : C:\DATABASE\NIST98.L

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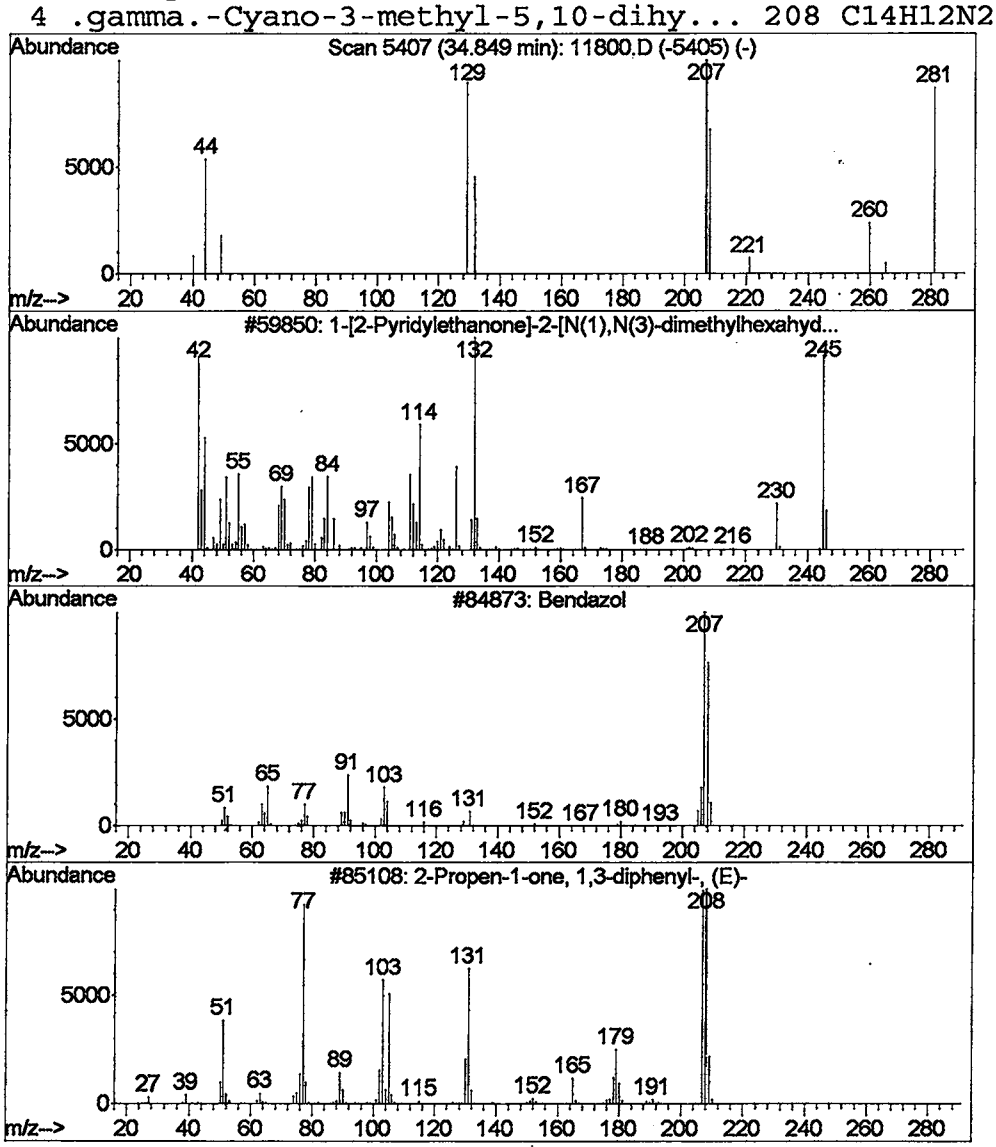
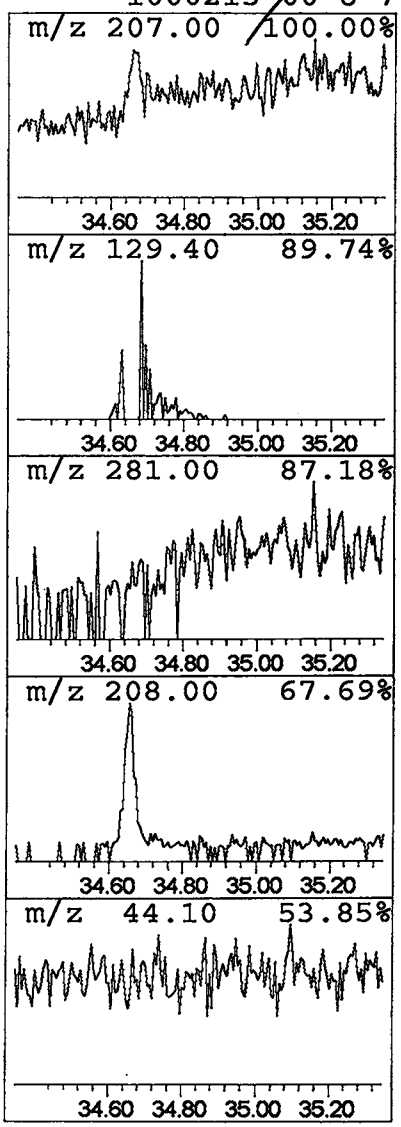
Peak Number 13 1-[2-Pyridylethanone]-2-[N(... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.85	0.39 ug/L	161672	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-[2-Pyridylethanone]-2-[N(1),N(...	245	C13H19N5	1000212-28-7	9
2	Bendazol	208	C14H12N2	000621-72-7	7
3	2-Propen-1-one, 1,3-diphenyl-, (E)-	208	C15H12O	000614-47-1	7
4	.gamma.-Cyano-3-methyl-5,10-dihy...	208	C14H12N2	1000213-00-8	7





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Title : 508 Modified GC/MS scan
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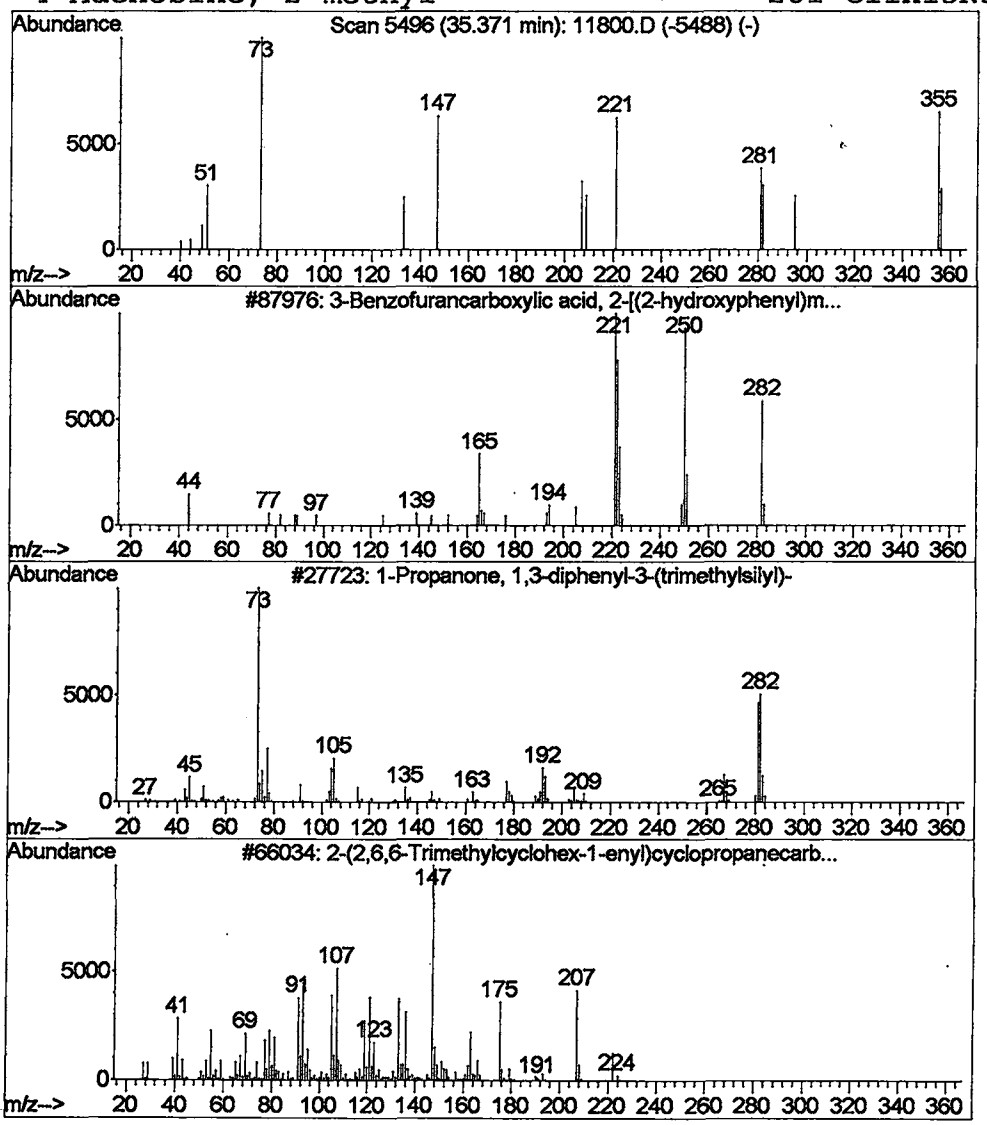
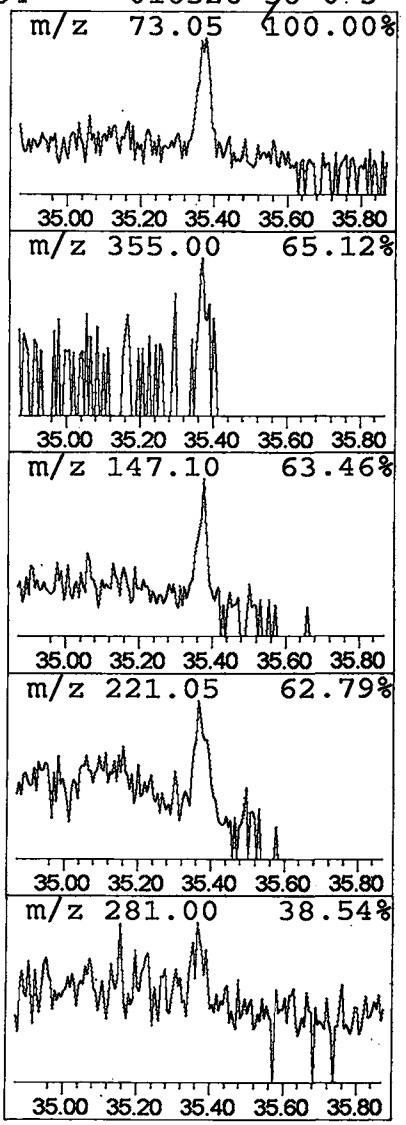
Peak Number 14 3-Benzofurancarboxylic acid... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.37	0.42 ug/L	174358	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Benzofurancarboxylic acid, 2-[...	282	C17H14O4	040800-98-4	5
2	1-Propanone, 1,3-diphenyl-3-(tri...	282	C18H22OSi	030262-98-7	5
3	2-(2,6,6-Trimethylcyclohex-1-eny...	222	C14H22O2	1000185-64-1	4
4	Adenosine, 2-methyl-	281	C11H15N5O4	016526-56-0	3





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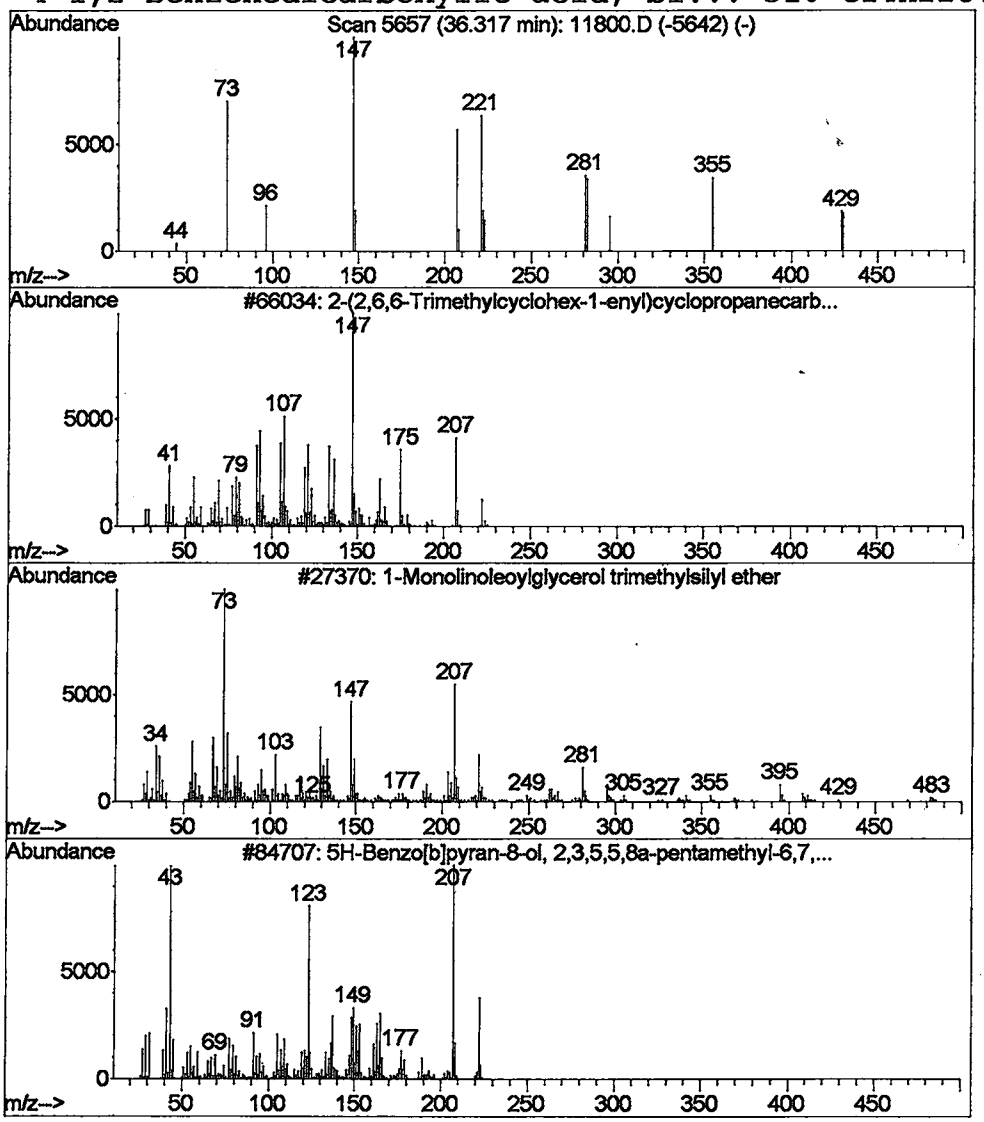
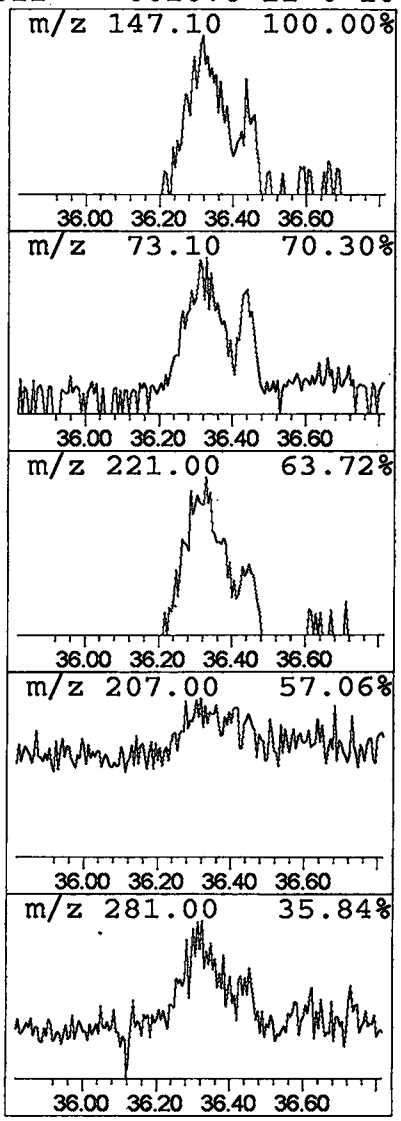
Peak Number 15 2-(2,6,6-Trimethylcyclohex-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.32	0.72 ug/L	295528	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2,6,6-Trimethylcyclohex-1-eny...	222	C14H22O2	1000185-64-1	38
2	1-Monolinoleoylglycerol trimethy...	498	C27H54O4Si2	054284-45-6	28
3	5H-Benzo[b]pyran-8-ol, 2,3,5,5,8...	222	C14H22O2	097306-66-6	10
4	1,2-Benzenedicarboxylic acid, bi...	310	C14H22O4Si2	002078-22-0	10





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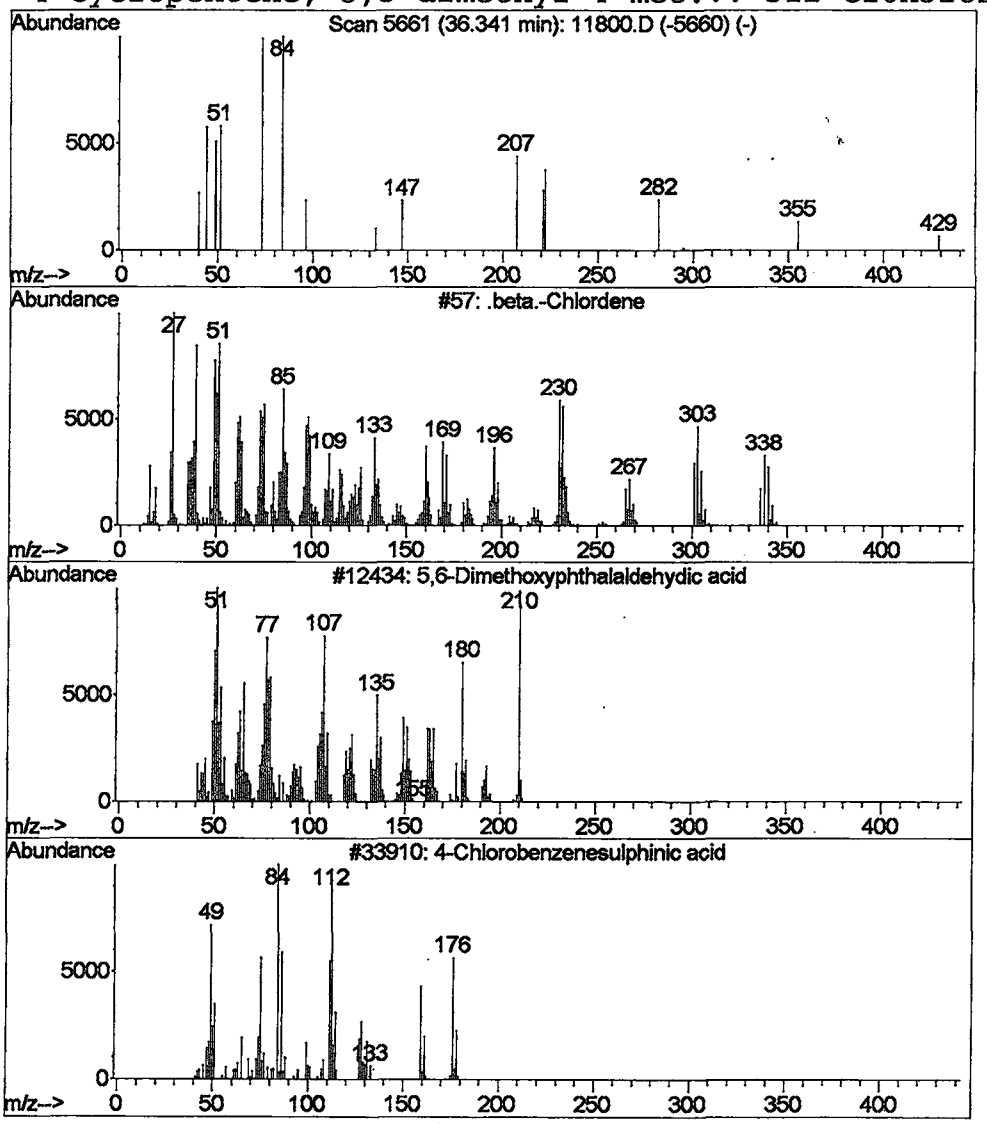
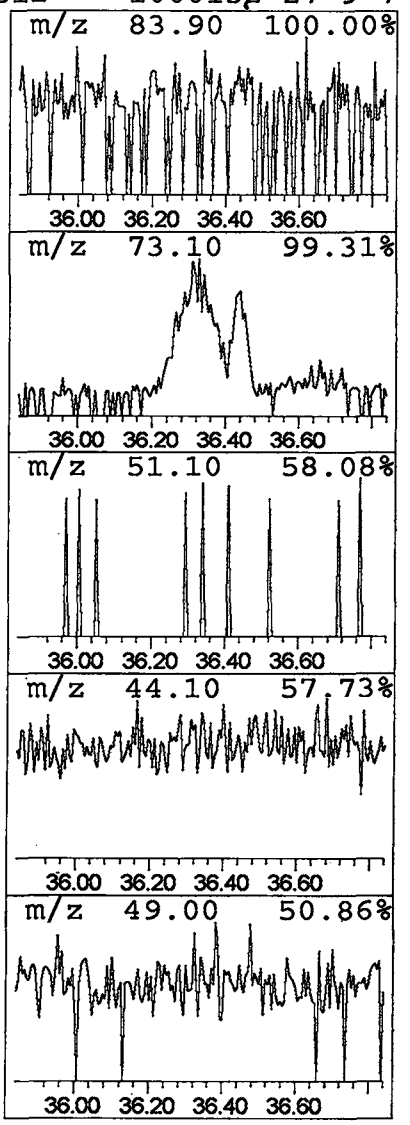
Peak Number 16 .beta.-Chlordene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.34	0.51 ug/L	209460	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Chlordene	336	C10H6Cl6	056534-03-3	12
2	5,6-Dimethoxyphthalaldehydic acid	210	C10H10O5	000519-05-1	9
3	4-Chlorobenzenesulphinic acid	176	C6H5ClO2S	1000211-29-1	9
4	Cyclopentene, 3,3-dimethyl-4-met...	312	C16H32O2Si2	1000152-27-9	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11800.D Vial: 7
Acq On : 22 May 2002 6:43 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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

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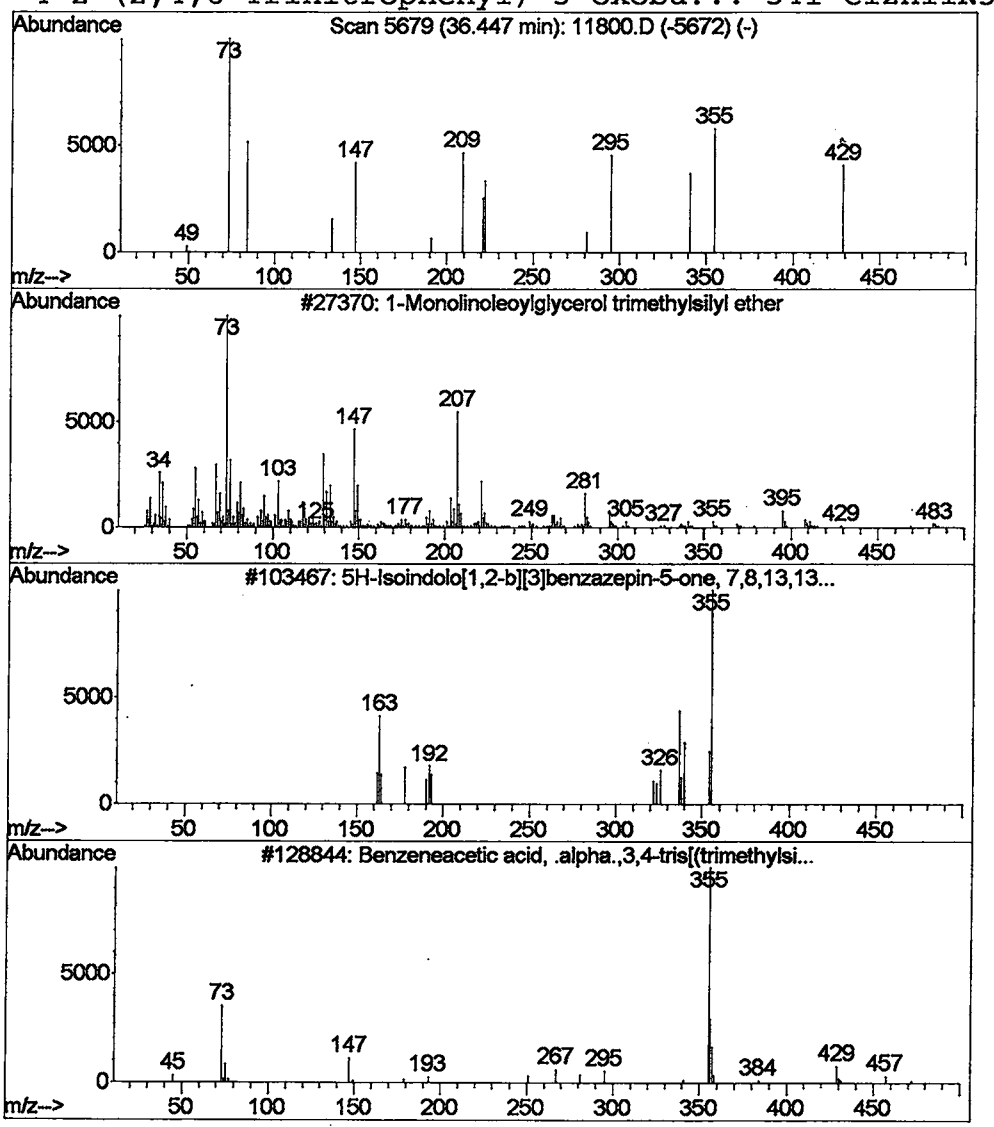
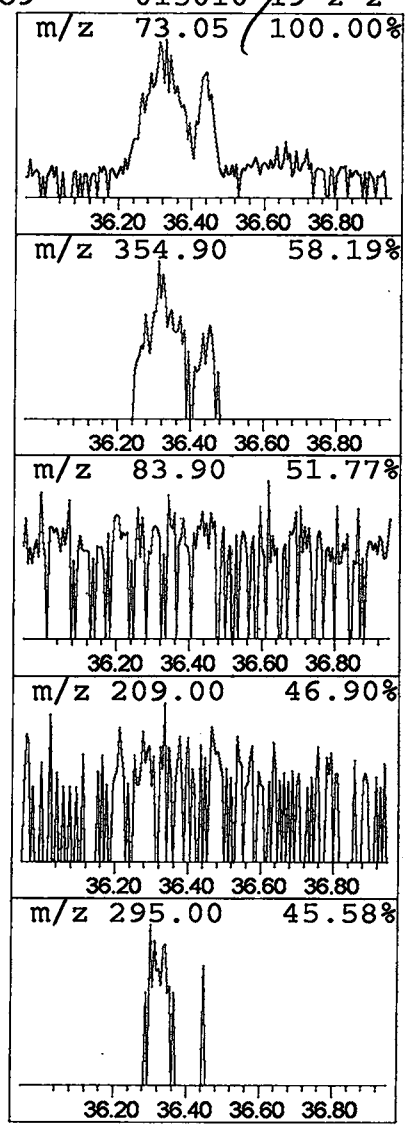
Peak Number 17 1-Monolinoleoylglycerol tri... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.45	0.39 ug/L	160501	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethy...	498	C27H54O4Si2	054284-45-6	4
2	5H-Isoindolo[1,2-b][3]benzazepin...	355	C20H21NO5	055228-79-0	3
3	Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5Si4	037148-65-5	2
4	2-(2,4,6-Trinitrophenyl)-3-oxobu...	341	C12H11N3O9	015010-19-2	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11800.D Vial: 7
Acq On : 22 May 2002 6:43 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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

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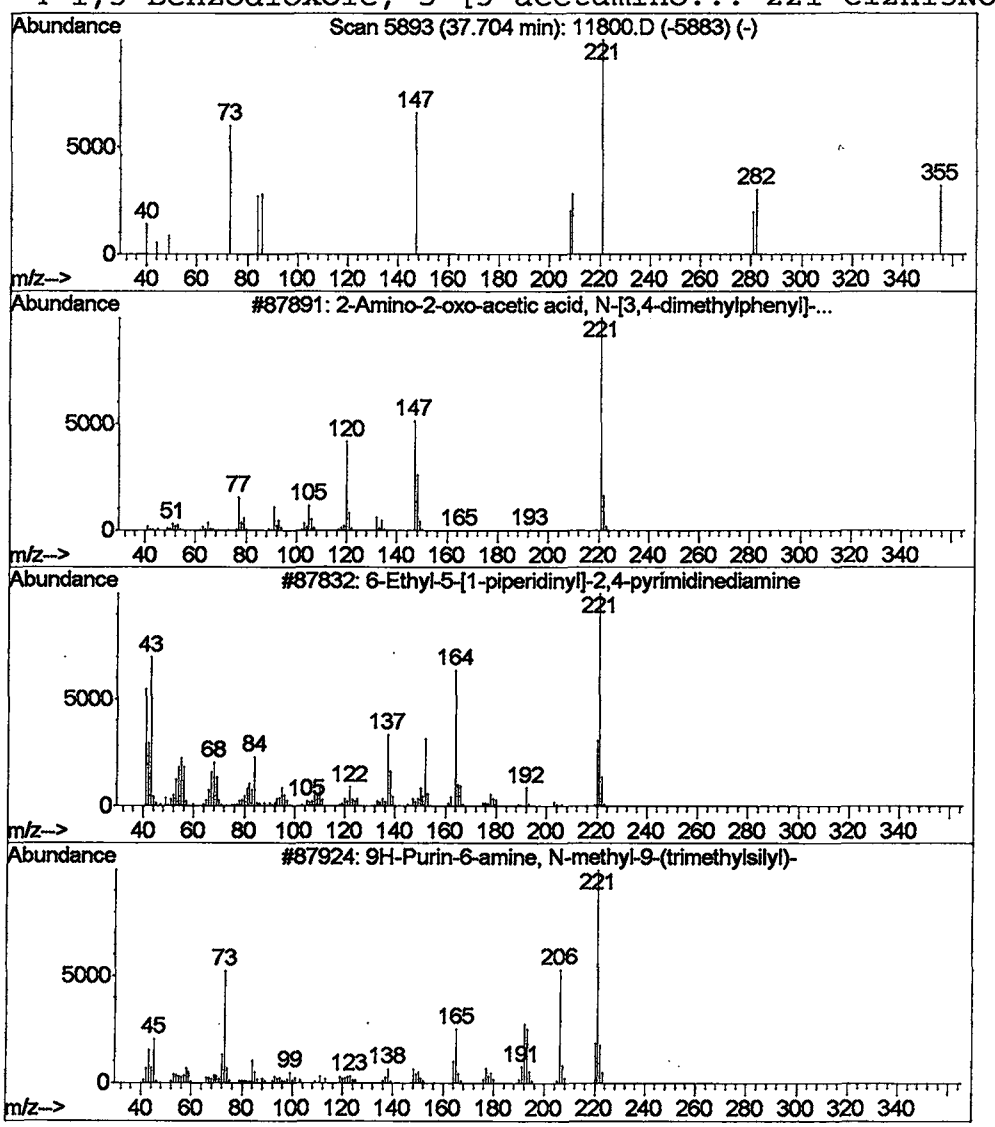
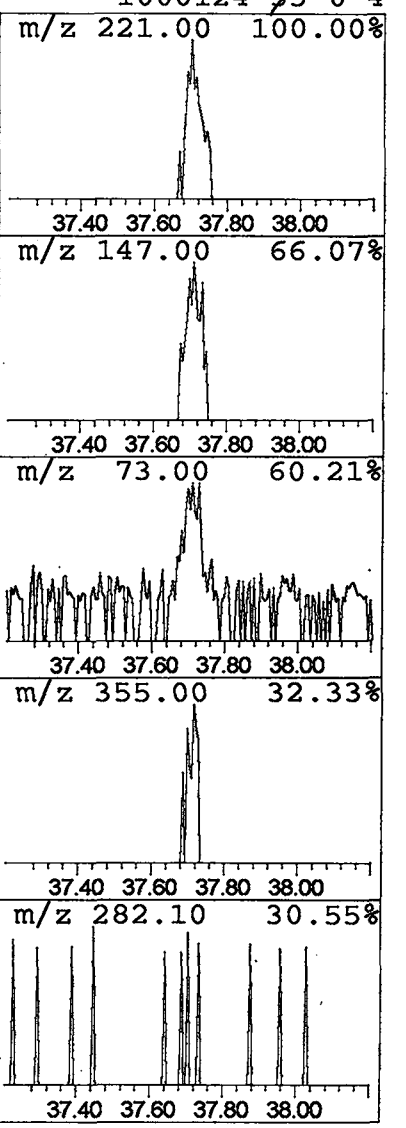
Peak Number 18 2-Amino-2-oxo-acetic acid, ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.70	0.33 ug/L	137877	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	5
2	6-Ethyl-5-[1-piperidinyl]-2,4-py...	221	C11H19N5	1000212-52-9	5
3	9H-Purin-6-amine, N-methyl-9-(tr...	221	C9H15N5Si	032865-83-1	4
4	1,3-Benzodioxole, 5-[3-acetamino...	221	C12H15NO3	1000124-33-0	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11800.D Vial: 7
Acq On : 22 May 2002 6:43 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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

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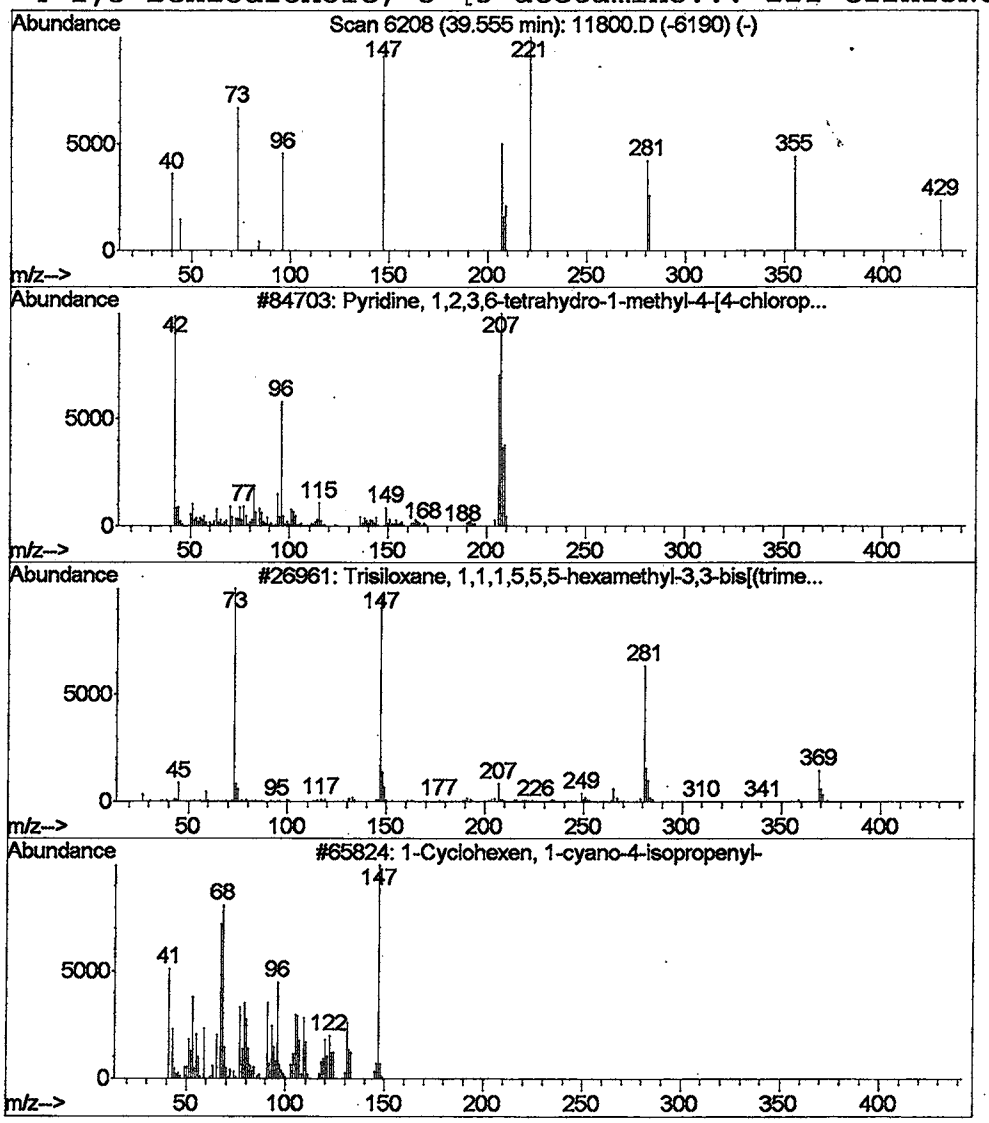
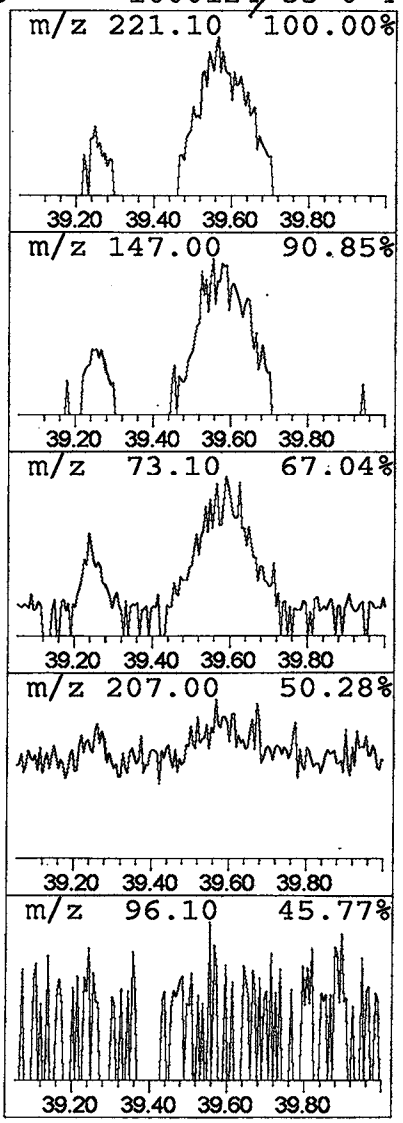
Peak Number 19 Pyridine, 1,2,3,6-tetrahydr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.55	0.33 ug/L	134408	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 1,2,3,6-tetrahydro-1-m...	207	C12H14ClN	005048-08-8	9
2	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	9
3	1-Cyclohexen, 1-cyano-4-isoprope...	147	C10H13N	1000126-45-8	5
4	1,3-Benzodioxole, 5-[3-acetamino...	221	C12H15NO3	1000124-33-0	4





Data File : C:\MSDCHEM\1\DATA\052202\11800.D Vial: 7
Acq On : 22 May 2002 6:43 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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

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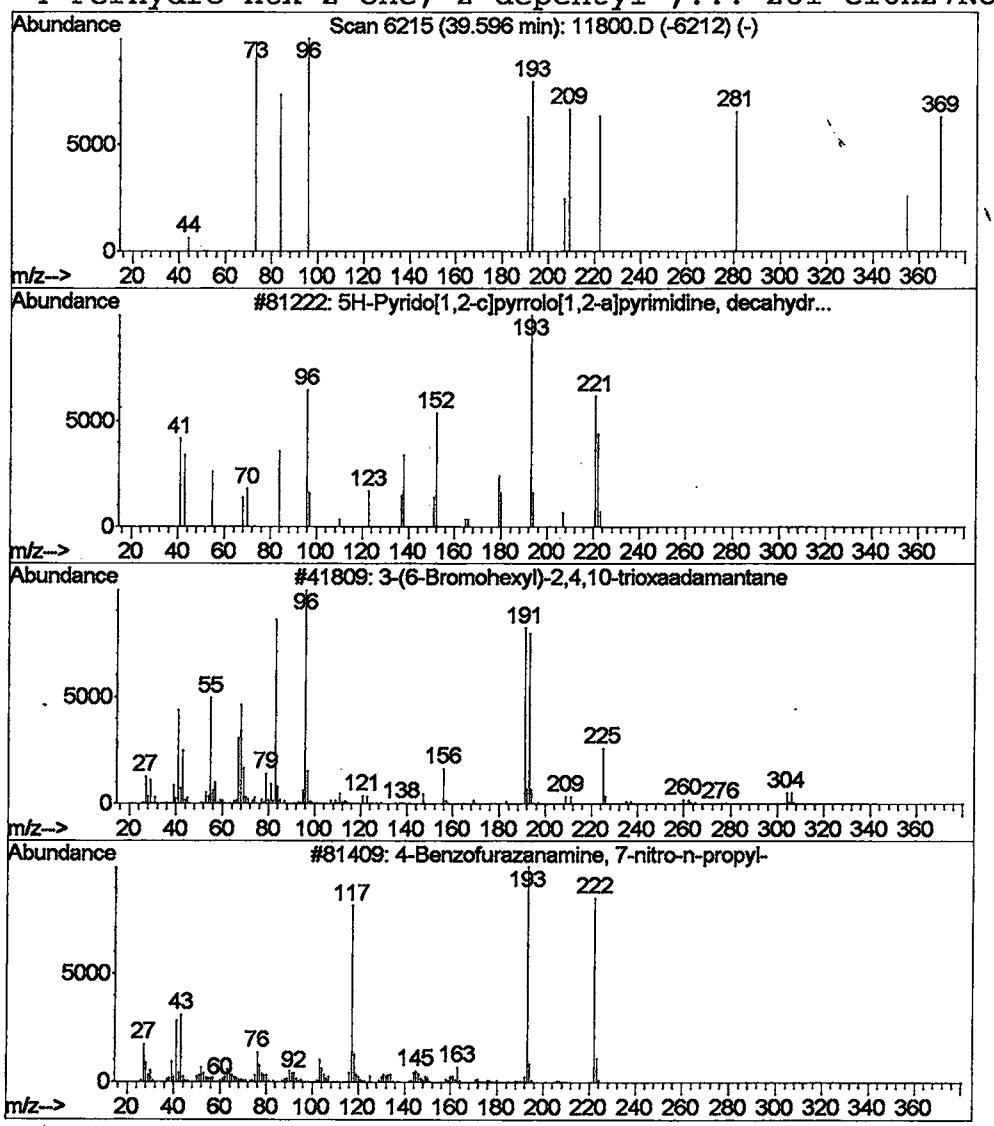
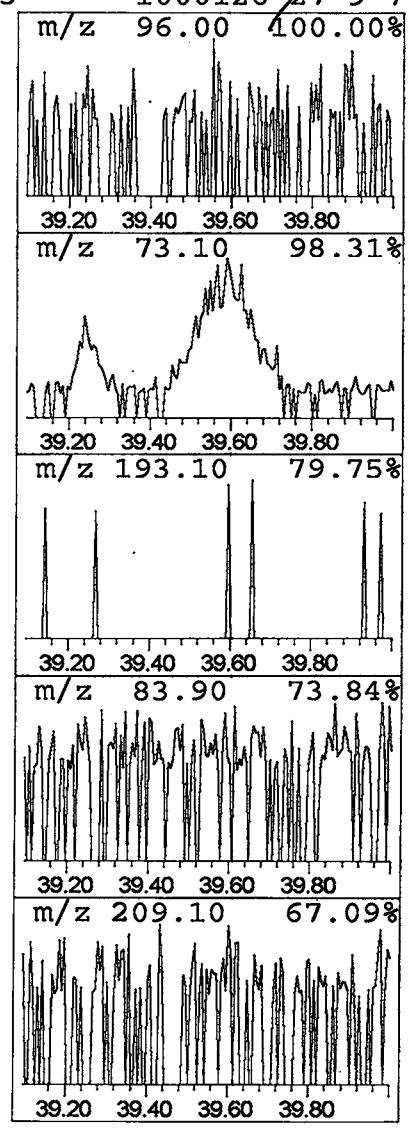
Peak Number 20 5H-Pyrido[1,2-c]pyrrolo[1,2... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.60	0.46 ug/L	188081	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrido[1,2-c]pyrrolo[1,2-a]py...	222	C14H26N2	114530-37-9	9
2	3-(6-Bromohexyl)-2,4,10-trioxaad...	304	C13H21BrO3	088784-99-0	9
3	4-Benzofurazanamine, 7-nitro-n-p...	222	C9H10N4O3	054517-98-5	7
4	Perhydro-htx-2-one, 2-depentyl-,...	281	C16H27NO3	1000126-27-9	7





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 22 May 2002 6:43 pm
Data File: C:\MSDCHEM\1\DATA\052202\11800.D
Name: 5/21 ad
Misc:
Method: C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title: 508 Modified GC/MS scan
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Methylene Chloride	3.73	2.6	ug/L	1756220	1	9.90	27162200	40.0
Propiolonitrile	3.78	1.1	ug/L	761803	1	9.90	27162200	40.0
Tetraborane(10)	3.82	0.9	ug/L	606264	1	9.90	27162200	40.0
Piperidine	3.86	1.6	ug/L	1088840	1	9.90	27162200	40.0
3-Amino-s-triazole	3.95	1.0	ug/L	658017	1	9.90	27162200	40.0
Propiolonitrile	4.00	0.9	ug/L	591145	1	9.90	27162200	40.0
1-Buten-3-yne, 1-...	4.11	0.4	ug/L	286485	1	9.90	27162200	40.0
Spiro[2.4]hepta-4...	4.28	1.1	ug/L	771343	1	9.90	27162200	40.0
Krypton	4.35	0.9	ug/L	577902	1	9.90	27162200	40.0
Cyclotrisiloxane,...	5.38	0.4	ug/L	304324	1	9.90	27162200	40.0
2-Pentanone, 4-hy...	5.94	10.3	ug/L	6998410	1	9.90	27162200	40.0
Cyclopentasiloxan...	12.38	0.8	ug/L	770637	2	13.39	36287600	40.0
1-[2-Pyridylethan...	34.85	0.4	ug/L	161672	6	34.66	16482900	40.0
3-Benzofurancarbo...	35.37	0.4	ug/L	174358	6	34.66	16482900	40.0
2-(2,6,6-Trimethy...	36.32	0.7	ug/L	295528	6	34.66	16482900	40.0
.beta.-Chlordene	36.34	0.5	ug/L	209460	6	34.66	16482900	40.0
1-Monolinoleoylgl...	36.45	0.4	ug/L	160501	6	34.66	16482900	40.0
2-Amino-2-oxo-ace...	37.70	0.3	ug/L	137877	6	34.66	16482900	40.0
Pyridine, 1,2,3,6...	39.55	0.3	ug/L	134408	6	34.66	16482900	40.0
5H-Pyrido[1,2-c]p...	39.60	0.5	ug/L	188081	6	34.66	16482900	40.0