User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 15:37:21

Sample: AE11902
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/3/02 15:37 Ended: 6/3/02 15:37 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		87		10.0

Comments for Sample AE11902 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-03-2002 Time: 15:37:37

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\11902.D Vial: 9
Acq On : 22 May 2002 8:20 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 08:41:52 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	4340224	40.00	ug/L	-0.03
10) Napthalene-d8	13.39	136	17049351	40.00	ug/L	-0.04
17) Acenapthalene-d10	18.53	164	9318402	40.00	ug/L	-0.04
29) Phenanthranene-d10	22.91	188	14263712	40.00	ug/L	-0.04
37) Chrysene-d12	30.76	240	9216054	40.00	ug/L	-0.05
43) Perylene-d12	34.66	264	5304868	40.00	ug/L	-0.05
System Monitoring Compounds						
27) TCMX	20.51	209	1965302	34.74	ug/L	-0.04
Spiked Amount 40.000			Recovery = 86.85%			
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	34395	N.D.		
30) Nnitrosodiphenylamine	20.51	169	36636	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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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	20206	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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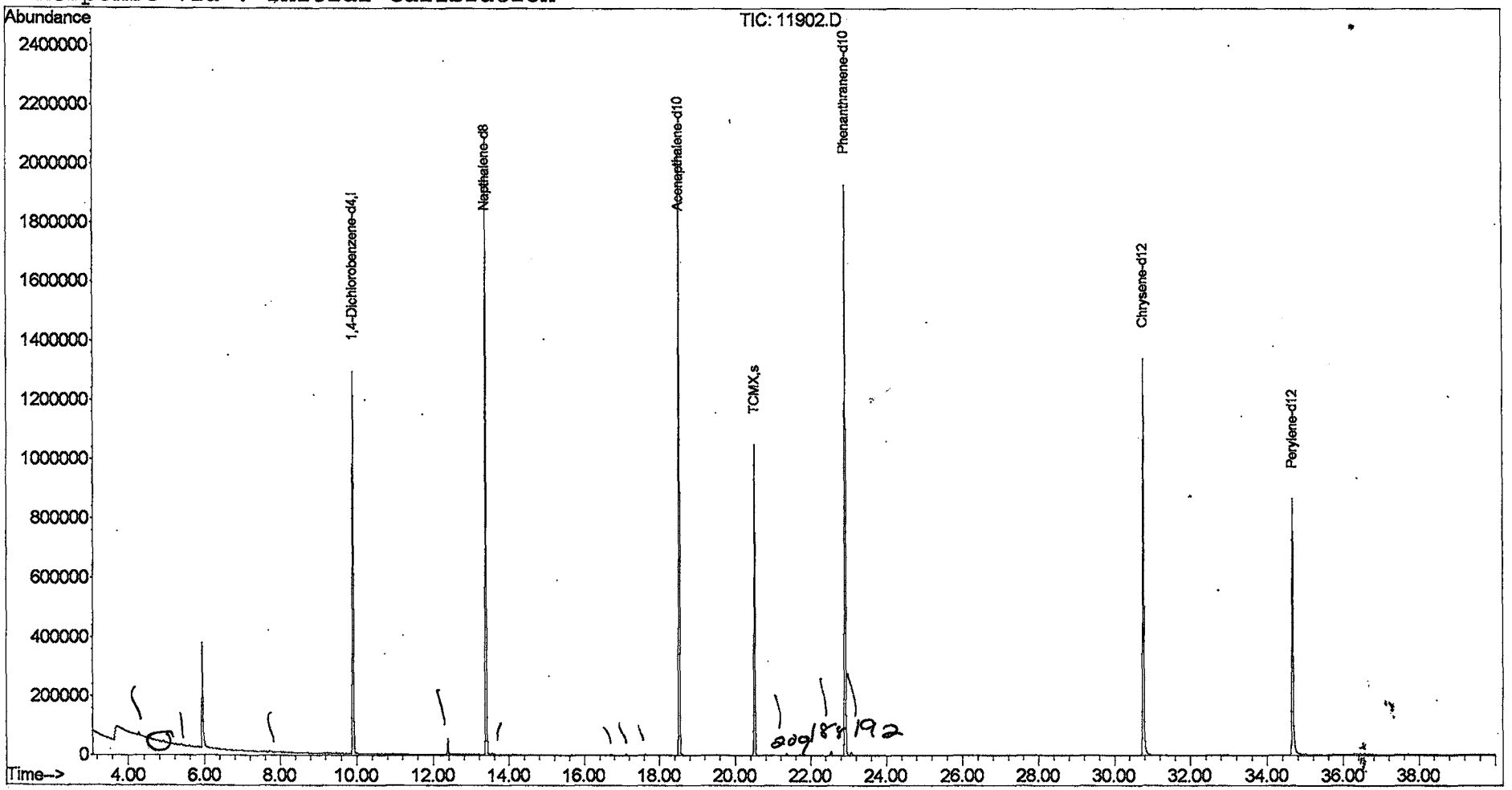
Acq On : 22 May 2002 8:20 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 8:41 2002 Quant Results File: 050102.RES

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\11902.D
Acq On : 22 May 2002 8:20 pm
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

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

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

Signal : TIC

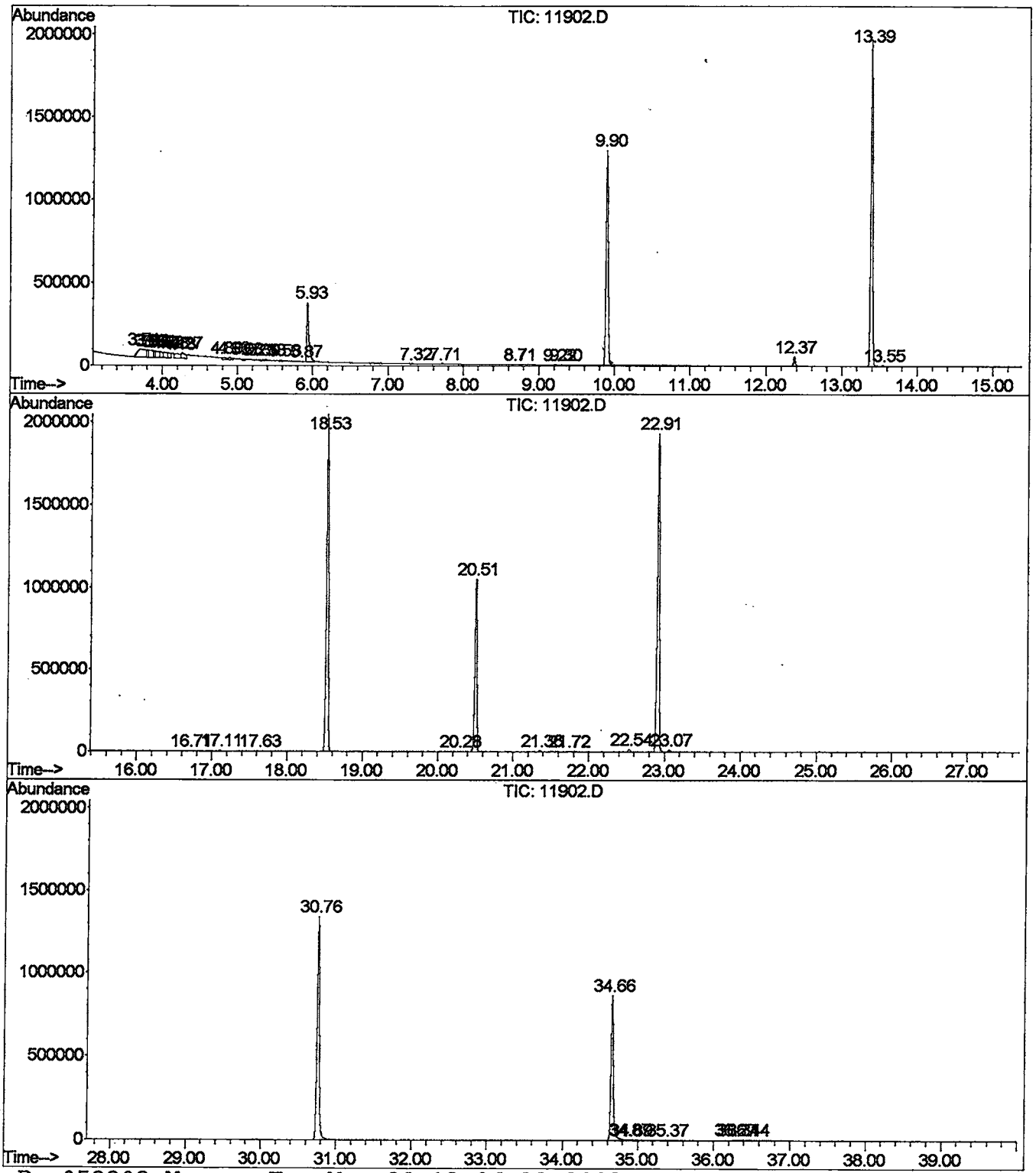
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.708	94	107	121	PV 4	47734	3557294	9.24%	1.556%
2	3.796	121	122	126	VV 4	43684	689611	1.79%	0.302%
3	3.831	126	128	137	VV 7	42902	1653147	4.29%	0.723%
4	3.896	137	139	141	VV 3	39999	529189	1.37%	0.231%
5	3.919	141	143	151	VV 5	37863	1197115	3.11%	0.524%
6	3.972	151	152	158	VV 4	36050	947066	2.46%	0.414%
7	4.025	158	161	169	VV 4	34438	1156374	3.00%	0.506%
8	4.084	169	171	177	VV 4	31598	874155	2.27%	0.382%
9	4.178	184	187	198	VV 8	27387	1324537	3.44%	0.579%
10	4.272	198	203	212	VV 3	34139	1319980	3.43%	0.577%
11	4.807	292	294	303	VV 6	10155	341203	0.89%	0.149%
12	4.901	303	310	318	VV 7	13131	504714	1.31%	0.221%
13	5.077	339	340	346	VV 5	7437	135187	0.35%	0.059%
14	5.235	365	367	374	VV 5	5202	123870	0.32%	0.054%
15	5.300	374	378	380	VV 4	4628	86946	0.23%	0.038%
16	5.376	380	391	408	VV 7	6650	414781	1.08%	0.181%
17	5.582	422	426	431	VV 6	5863	123083	0.32%	0.054%
18	5.864	472	474	480	PV 5	1874	25792	0.07%	0.011%
19	5.935	480	486	517	VV	356809	7255624	18.84%	3.174%
20	7.315	718	721	729	PV 8	1799	31226	0.08%	0.014%
21	7.709	785	788	802	PV 7	3232	128432	0.33%	0.056%
22	8.708	951	958	960	VV 6	1605	26979	0.07%	0.012%
23	9.225	1041	1046	1052	VV 5	1771	40329	0.10%	0.018%
24	9.301	1052	1059	1061	PV 5	1274	23668	0.06%	0.010%
25	9.901	1150	1161	1179	BV	1275399	25762730	66.90%	11.269%
26	12.374	1575	1582	1592	VV	54736	849234	2.21%	0.371%
27	13.391	1745	1755	1777	PV	1920524	34623705	89.91%	15.146%
28	13.549	1777	1782	1794	VV 2	4687	88992	0.23%	0.039%
29	16.705	2311	2319	2326	PV 5	2853	51493	0.13%	0.023%
30	17.110	2383	2388	2393	VV 3	5530	81592	0.21%	0.036%
31	17.627	2469	2476	2480	VV 4	2178	38728	0.10%	0.017%
32	18.532	2619	2630	2642	PV	2024240	38096004	98.93%	16.664%
33	20.283	2922	2928	2936	PV 6	1761	33453	0.09%	0.015%
34	20.506	2952	2966	2976	VV	1055454	19509928	50.66%	8.534%
35	21.358	3104	3111	3119	PV 3	7063	112789	0.29%	0.049%
36	21.722	3165	3173	3177	VV 4	2037	35602	0.09%	0.016%
37	22.539	3305	3312	3320	PV 2	13180	244671	0.64%	0.107%

38	22.915	3365	3376	3393	PV	2	1915032	38508006	100.00%	16.845%
39	23.068	3396	3402	3410	VV	2	11013	208996	0.54%	0.091%
40	30.759	4694	4711	4750	PV	2	1318518	28336809	73.59%	12.395%
41	34.660	5362	5375	5410	PV	2	854716	19287596	50.09%	8.437%
42	34.872	5410	5411	5414	VV	3	1836	18864	0.05%	0.008%
43	34.895	5414	5415	5419	VV	4	1088	10373	0.03%	0.005%
44	35.371	5490	5496	5505	PV	5	2177	48408	0.13%	0.021%
45	36.270	5635	5649	5652	PV	9	2126	51907	0.13%	0.023%
46	36.311	5652	5656	5660	VV	6	2523	50183	0.13%	0.022%
47	36.441	5674	5678	5687	VV	7	2174	46215	0.12%	0.020%

Sum of corrected areas: 228606576

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052202\11902.D
Operator : Mclean
Acquired : 22 May 2002 8:20 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/21 ad
Misc Info :
Vial Number: 9
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11902.D Vial: 9
Acq On : 22 May 2002 8:20 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

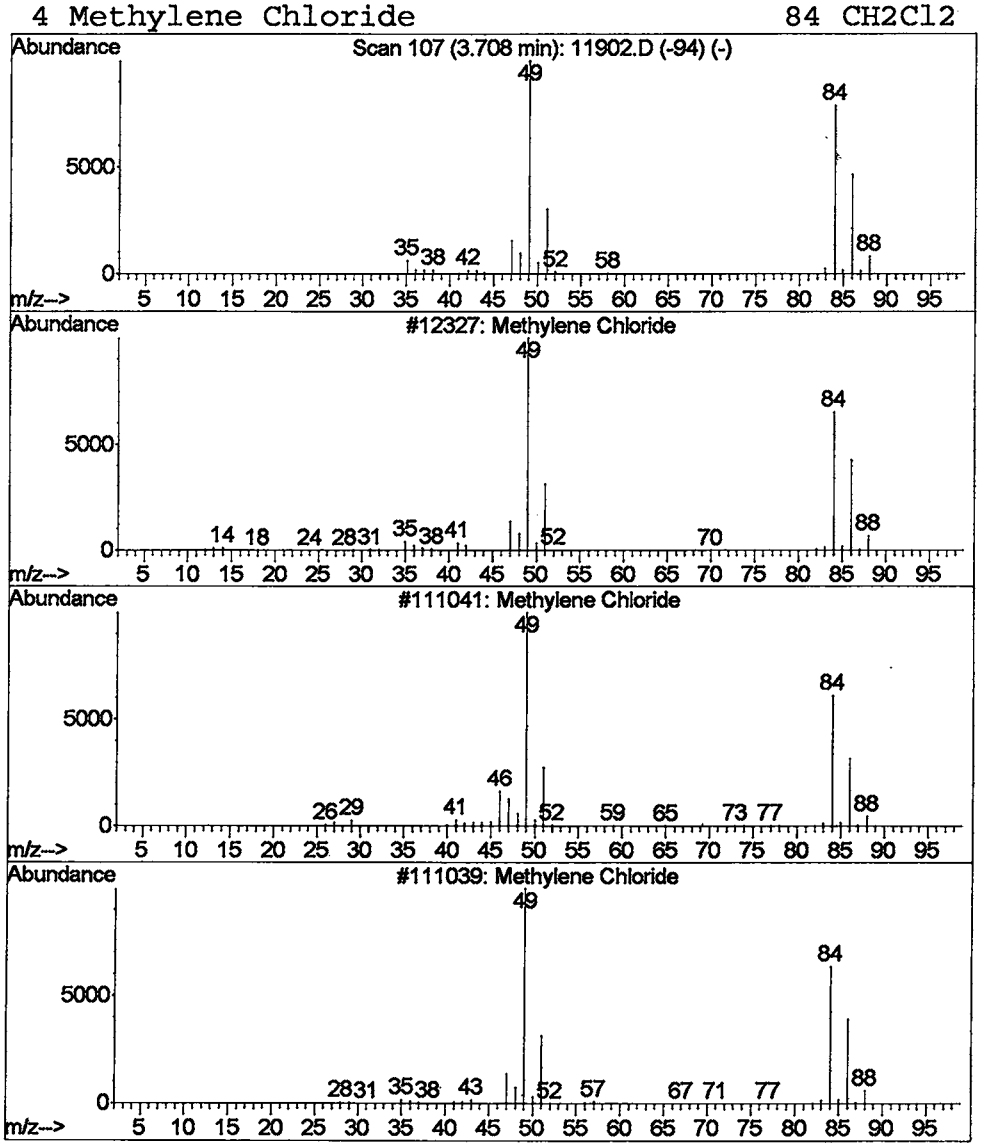
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

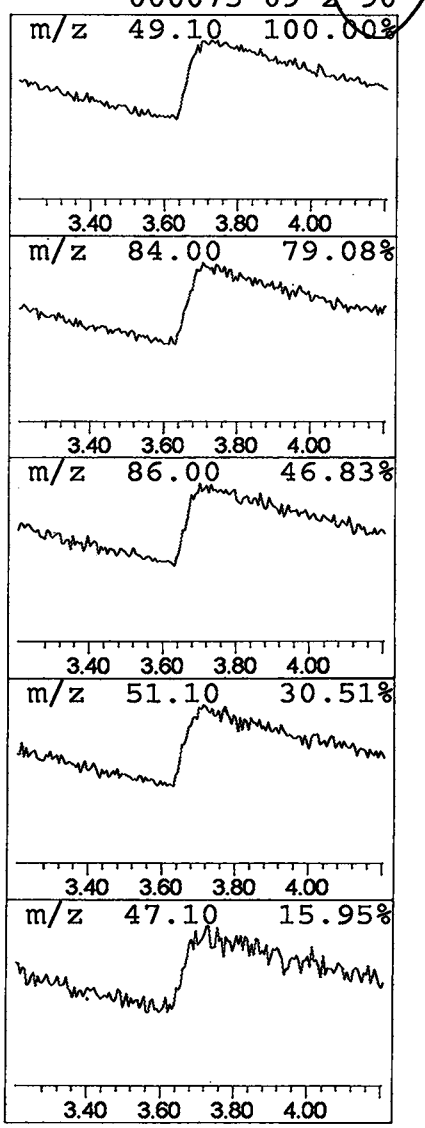
****

Peak Number 1 Methylene Chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	5.52 ug/L	3557290	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	96
2	Methylene Chloride	84	CH2Cl2	000075-09-2	94
3	Methylene Chloride	84	CH2Cl2	000075-09-2	94
4	Methylene Chloride	84	CH2Cl2	000075-09-2	90





Library Search Compound Report

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Acq On : 22 May 2002 8:20 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

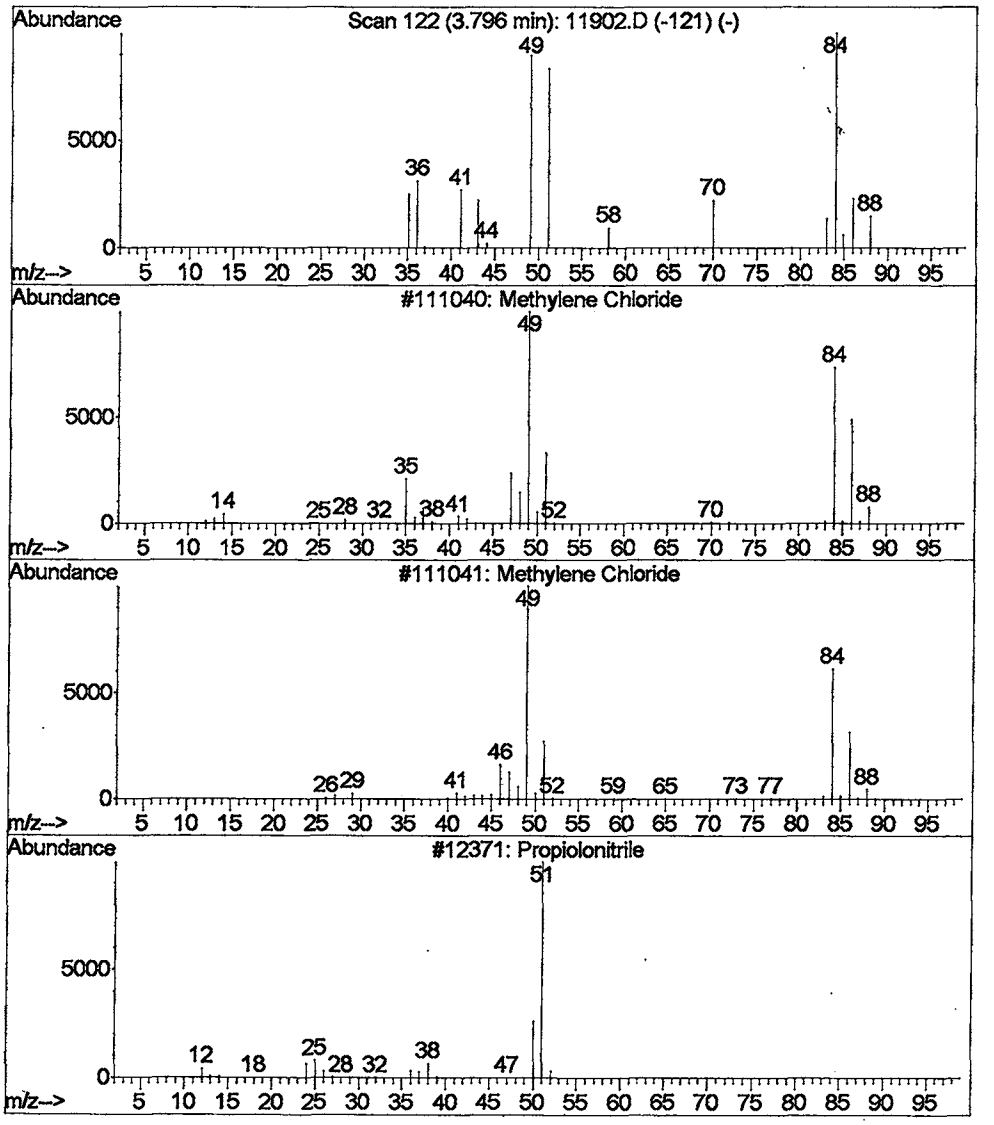
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

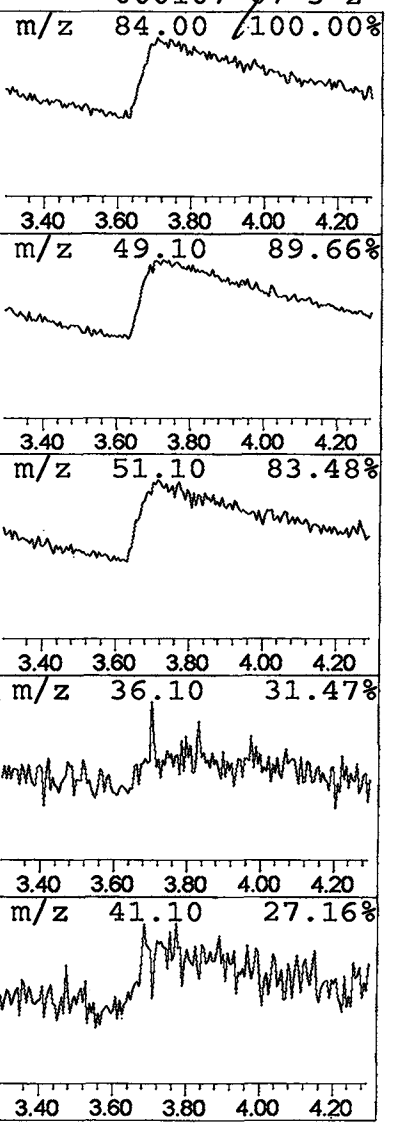
****

Peak Number 2 Methylene Chloride Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	1.07 ug/L	689611	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	4
3	Propiolonitrile	51	C3HN	001070-71-9	3
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	2





Library Search Compound Report

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Acq On : 22 May 2002 8:20 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)
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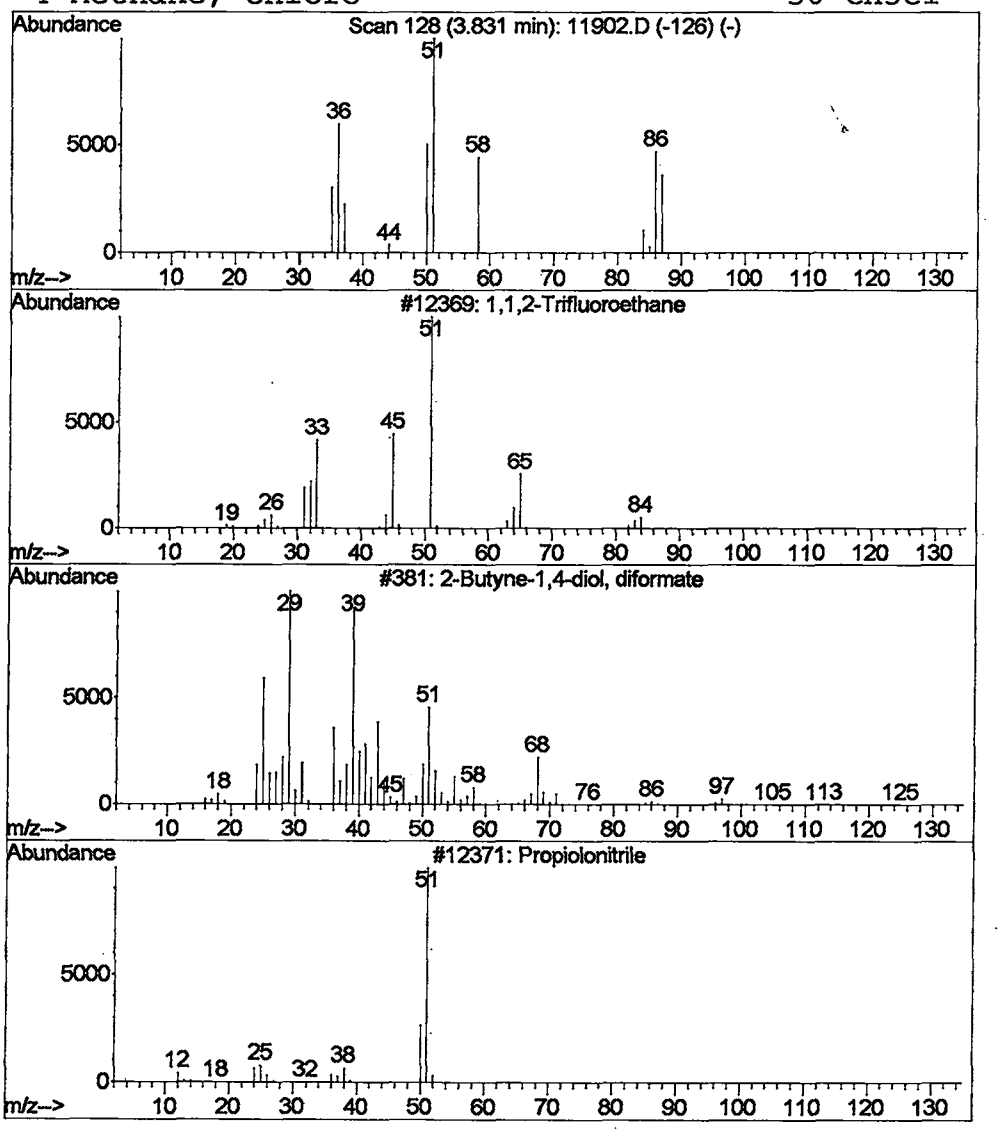
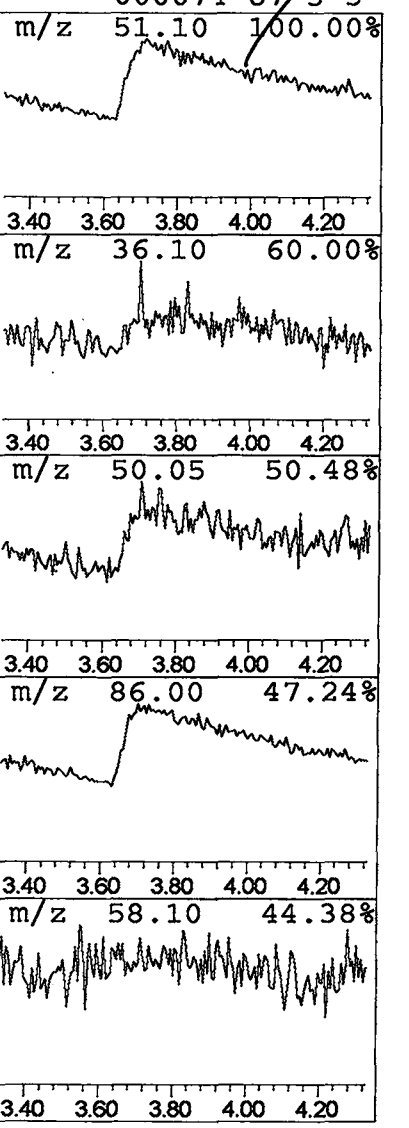
Peak Number 3 1,1,2-Trifluoroethane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	2.57 ug/L	1653150	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,2-Trifluoroethane	84	C2H3F3	000430-66-0	4
2	2-Butyne-1,4-diol, diformate	142	C6H6O4	036677-73-3	4
3	Propiolonitrile	51	C3HN	001070-71-9	3
4	Methane, chloro-	50	CH3Cl	000074-87-3	3





Library Search Compound Report

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Acq On : 22 May 2002 8:20 pm
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

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

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

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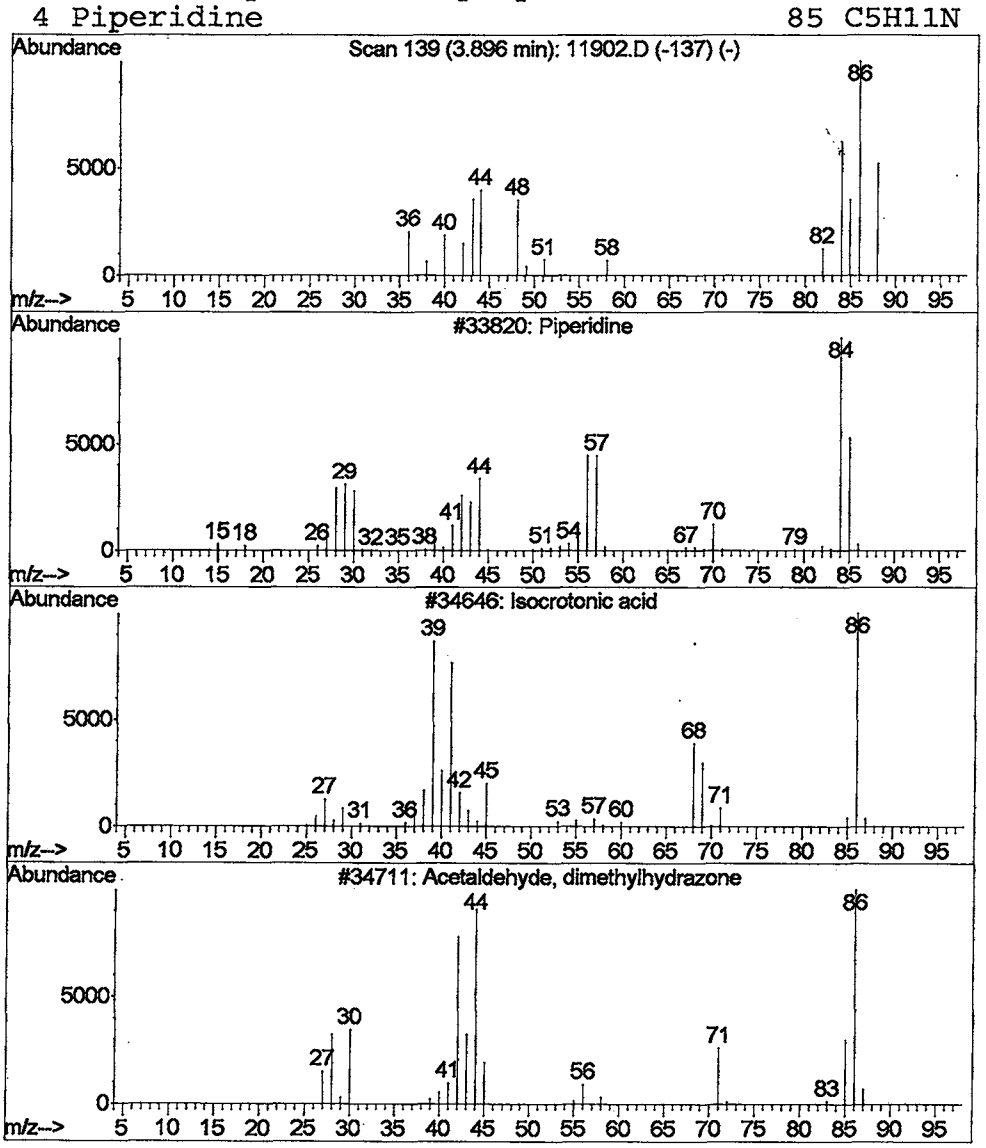
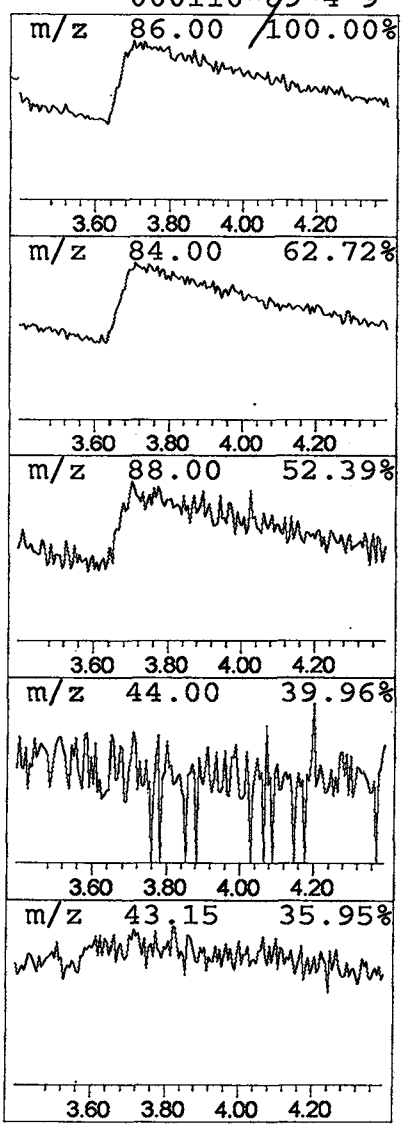
Peak Number 4 Piperidine — Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	0.82 ug/L	529189	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine	85	C5H11N	000110-89-4	9
2	Isocrotonic acid	86	C4H6O2	000503-64-0	9
3	Acetaldehyde, dimethylhydrazone	86	C4H10N2	007422-90-4	9
4	Piperidine	85	C5H11N	000110-89-4	9





Library Search Compound Report

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Acq On : 22 May 2002 8:20 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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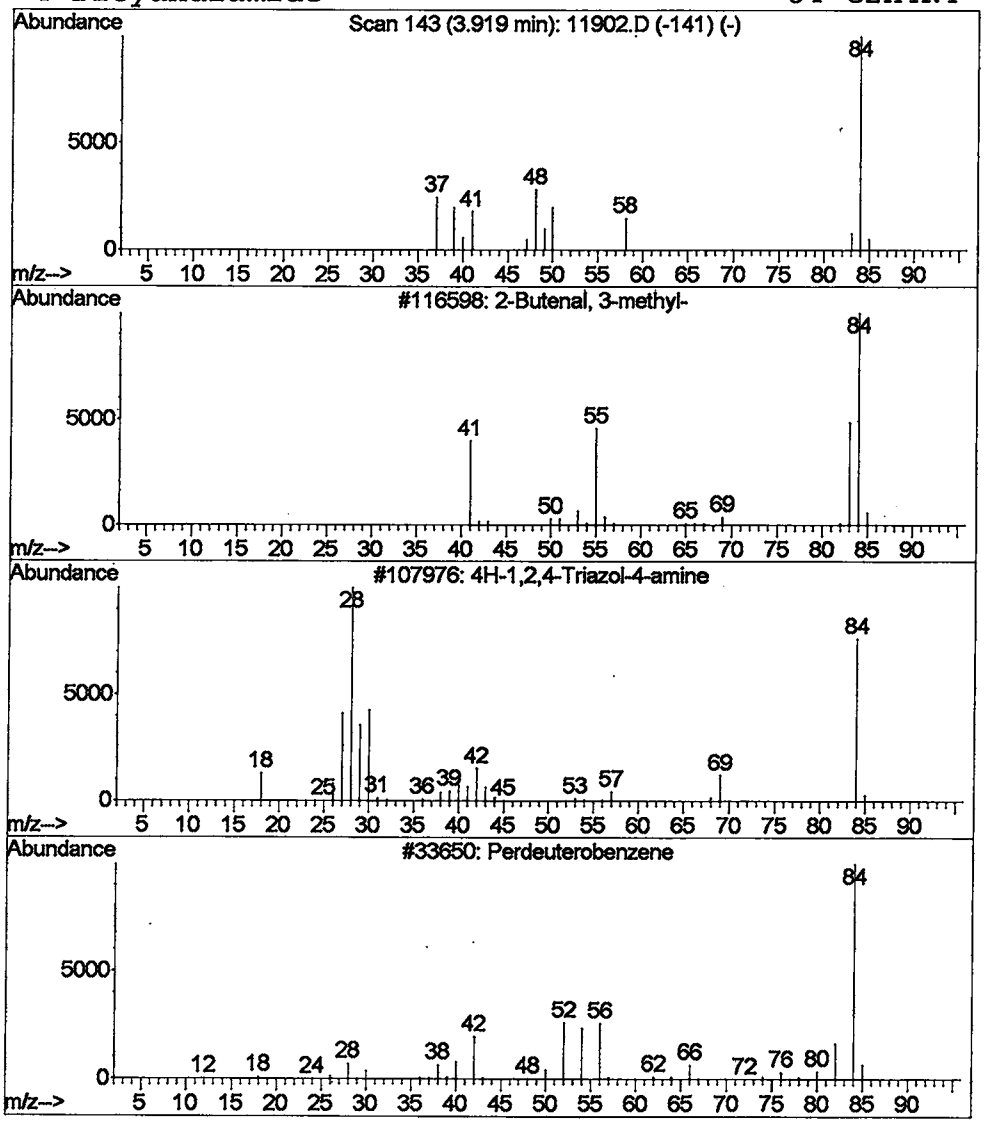
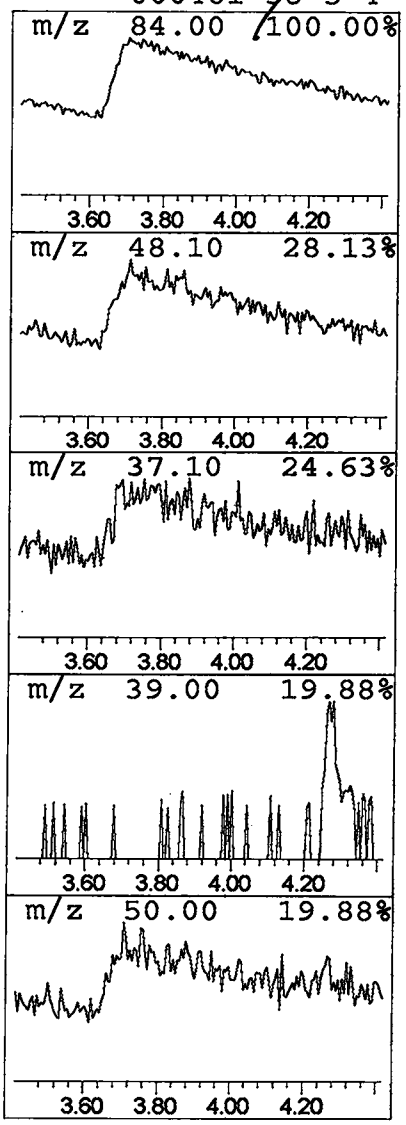
Peak Number 5 2-Butenal, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	1.86 ug/L	1197110	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	4
2	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	4
3	Perdeuterobenzene	84	C6D6	001076-43-3	4
4	Dicyandiamide	84	C2H4N4	000461-58-5	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11902.D
Acq On : 22 May 2002 8:20 pm
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

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

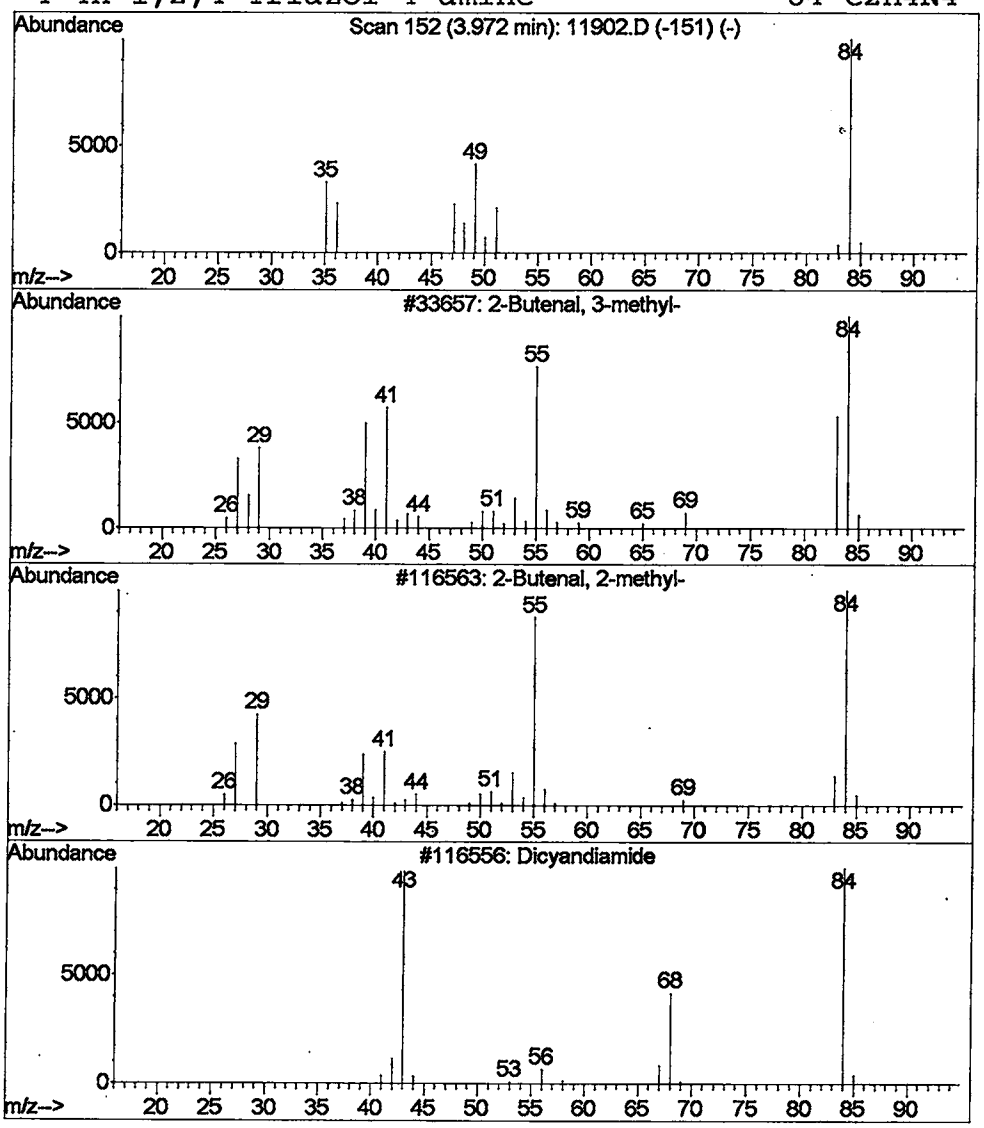
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

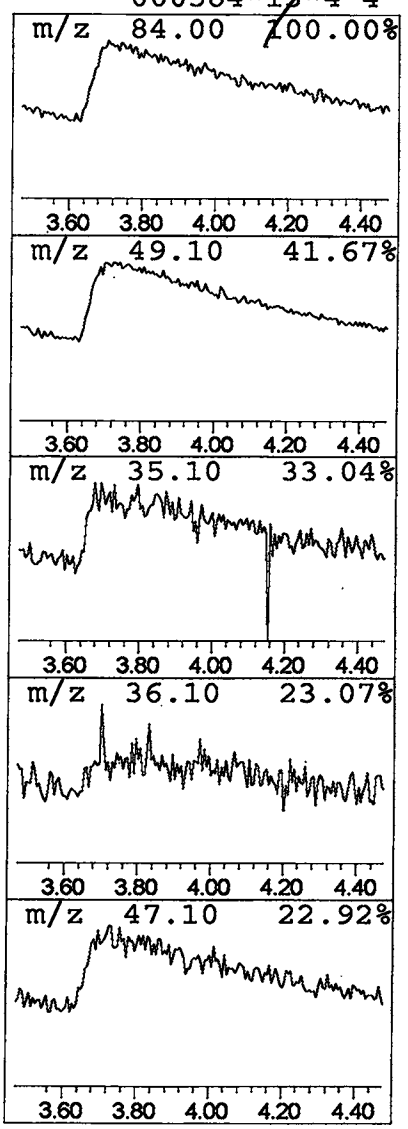
****

Peak Number 6 2-Butenal, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.97	1.47 ug/L	947066	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	5
2	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	5
3	Dicyandiamide	84	C2H4N4	000461-58-5	4
4	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11902.D
Acq On : 22 May 2002 8:20 pm
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

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

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

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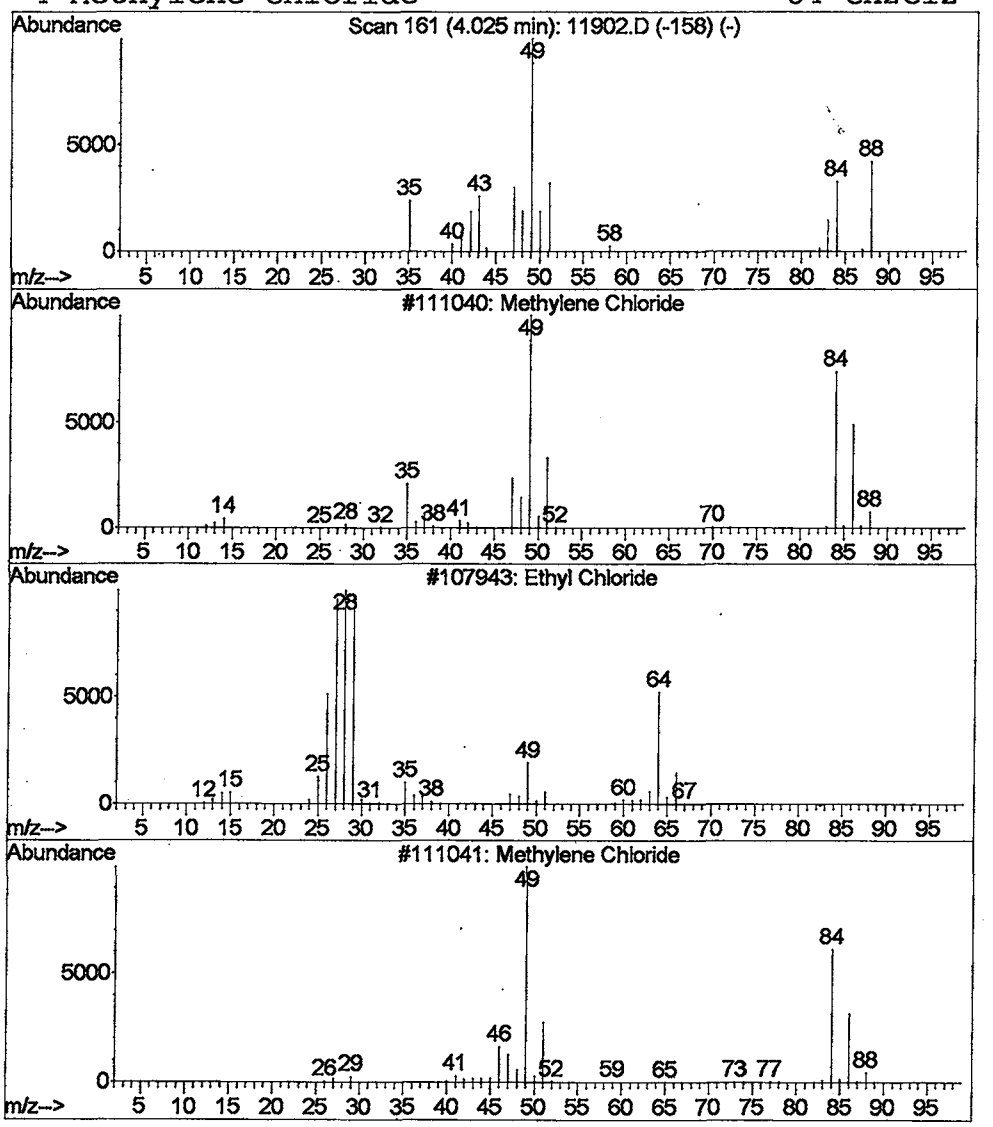
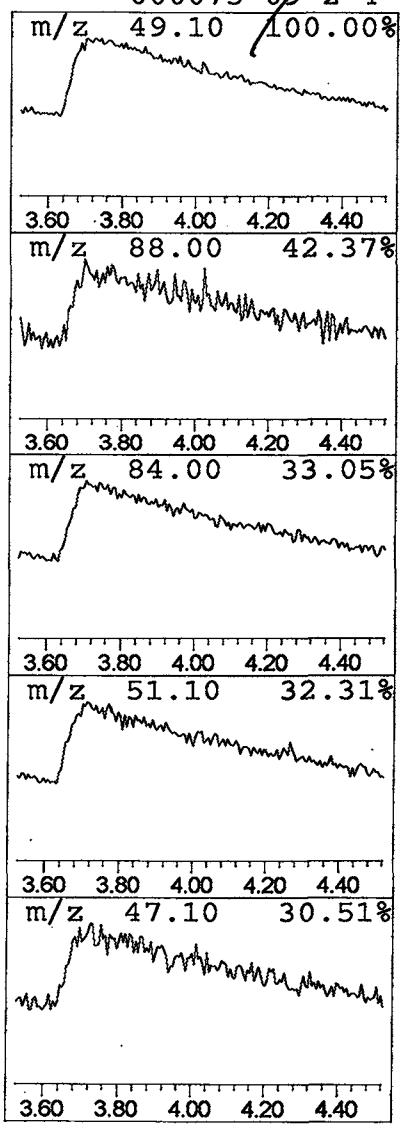
Peak Number 7 Methylene Chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	1.80 ug/L	1156370	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	Ethyl Chloride	64	C2H5Cl	000075-00-3	9
3	Methylene Chloride	84	CH2Cl2	000075-09-2	4
4	Methylene Chloride	84	CH2Cl2	000075-09-2	4





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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
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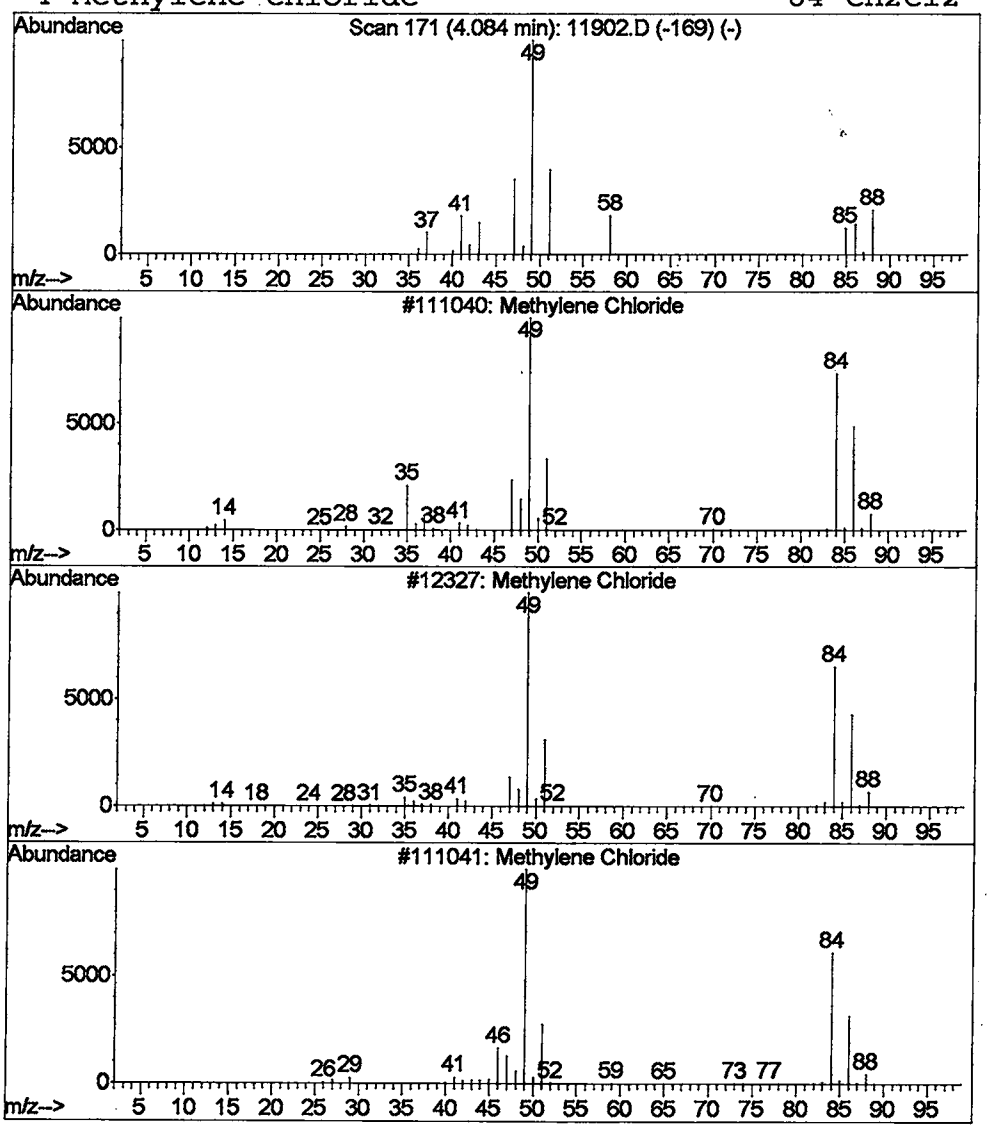
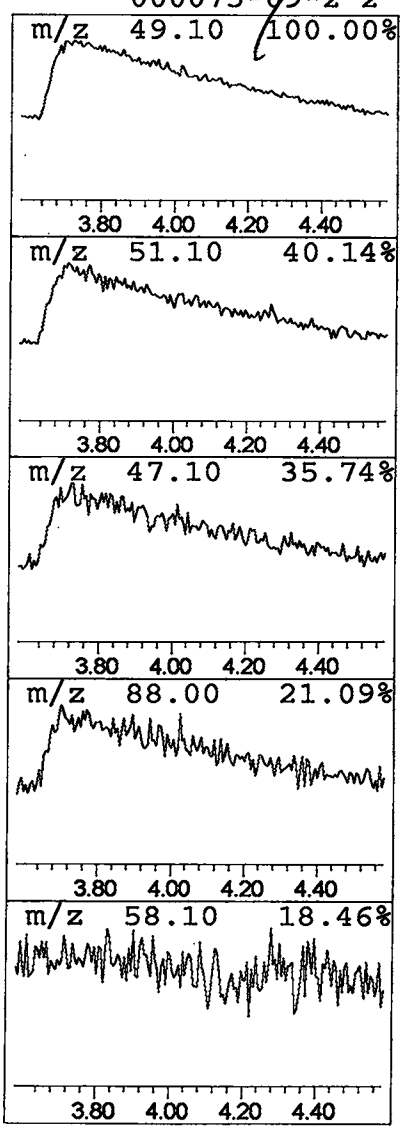
Peak Number 8 Methylene Chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	1.36 ug/L	874155	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	40
2	Methylene Chloride	84	CH2Cl2	000075-09-2	4
3	Methylene Chloride	84	CH2Cl2	000075-09-2	2
4	Methylene Chloride	84	CH2Cl2	000075-09-2	2





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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
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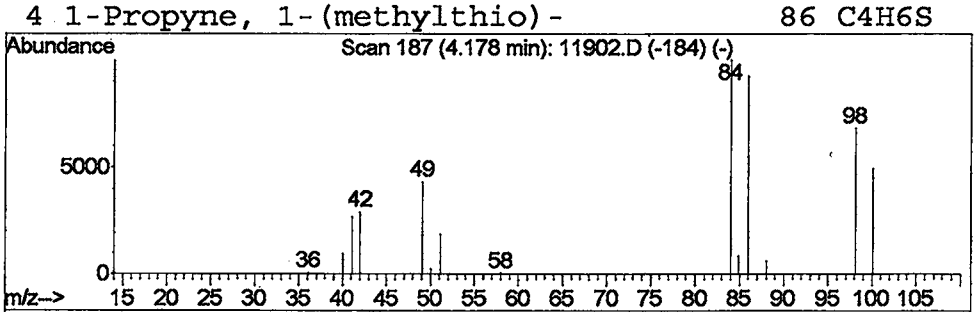
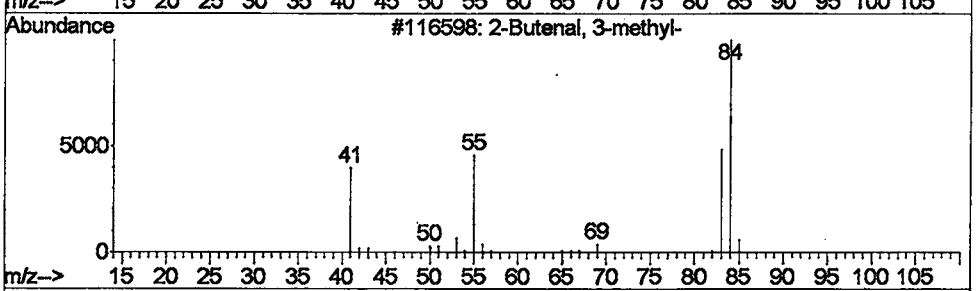
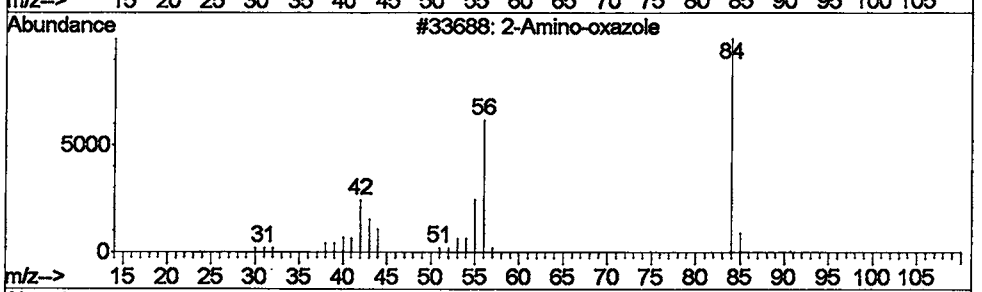
Peak Number 9 2-Butenal, 3-methyl- Concentration Rank 4

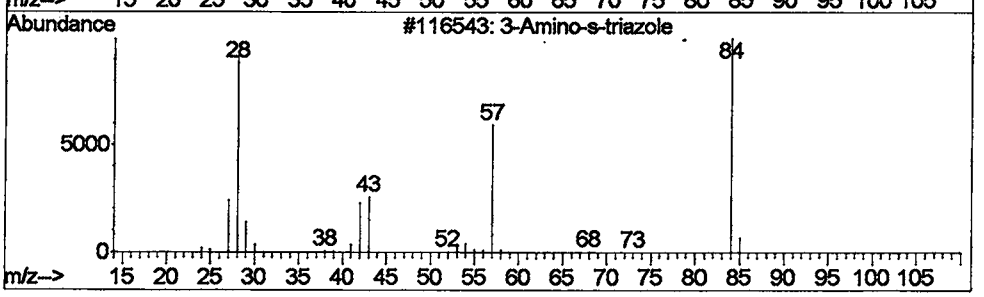
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	2.06 ug/L	1324540	1,4-Dichlorobenzene-d4	9.90

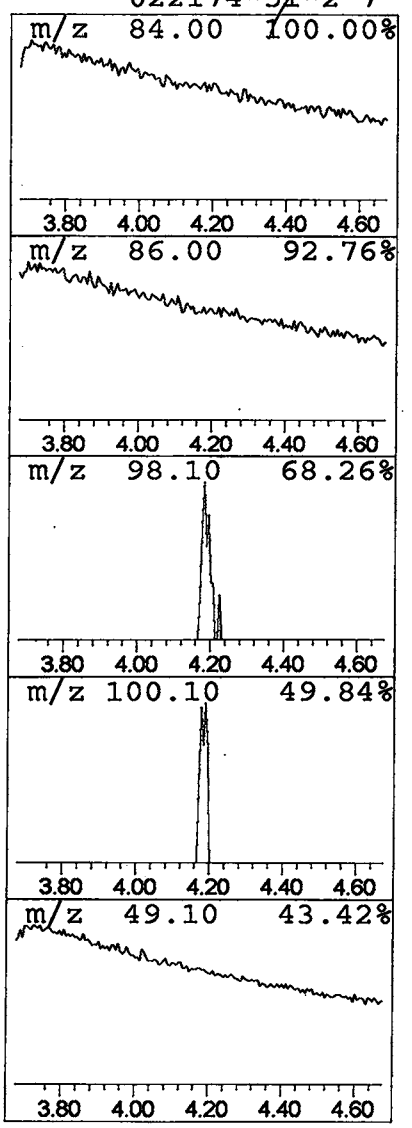
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	9
2	2-Amino-oxazole	84	C3H4N2O	1000144-64-0	7
3	3-Amino-s-triazole	84	C2H4N4	000061-82-5	7
4	1-Propyne, 1-(methylthio)-	86	C4H6S	022174-51-2	7











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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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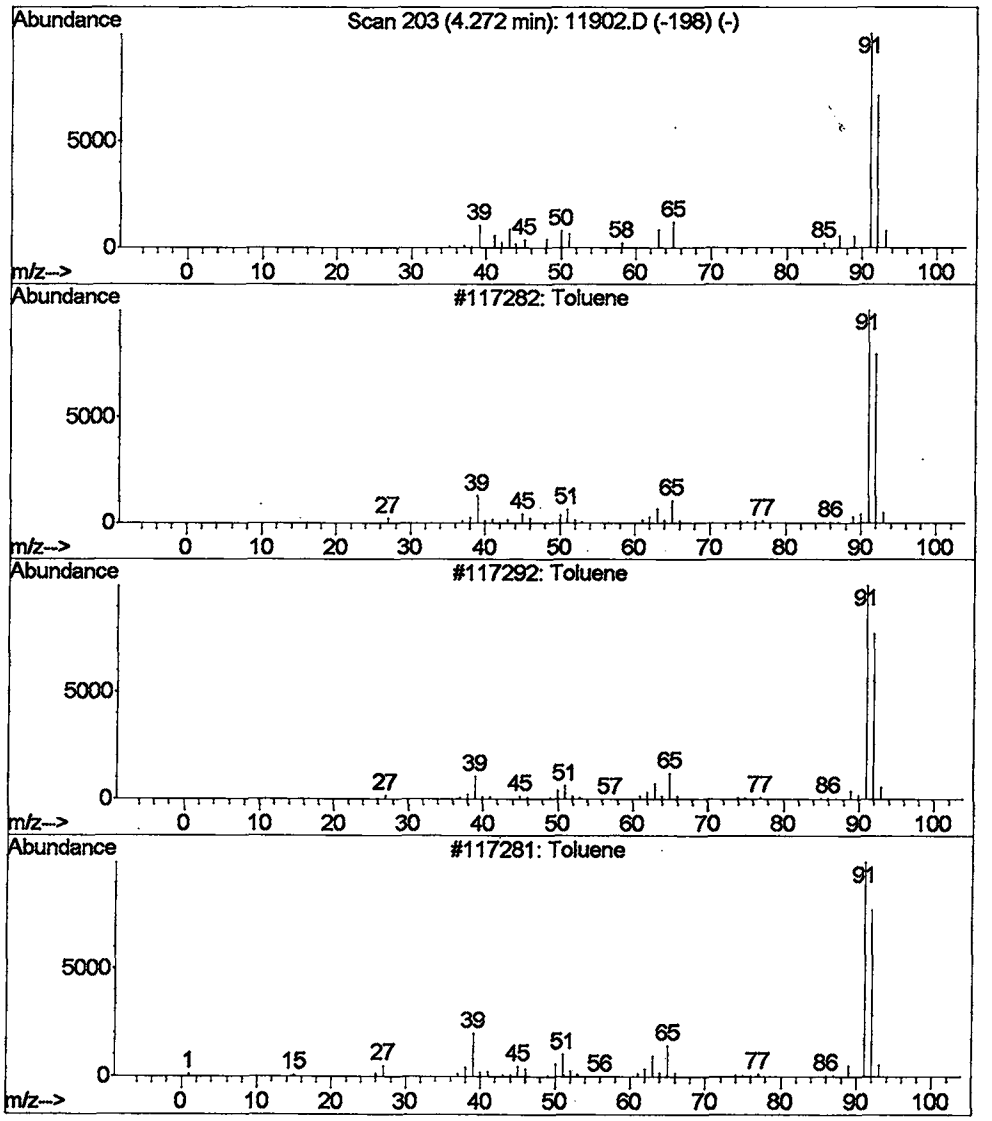
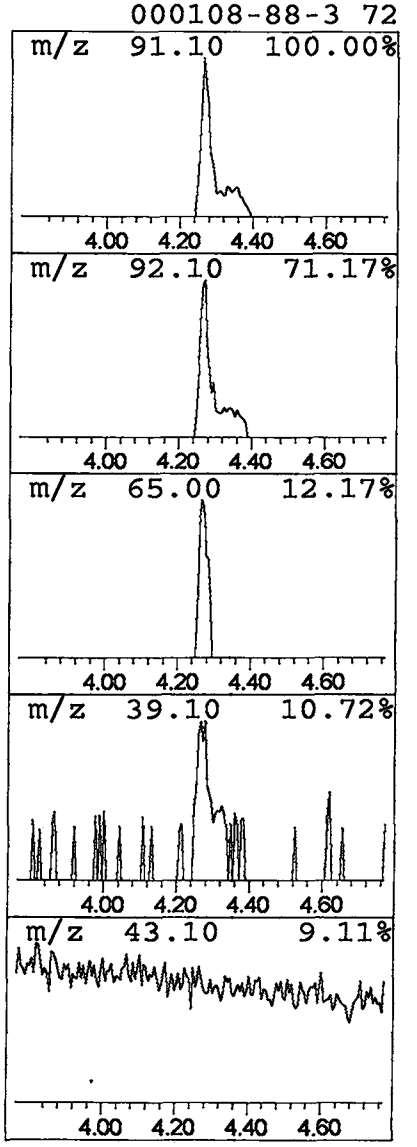
Peak Number 10 Toluene — Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	2.05 ug/L	1319980	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	80
2	Toluene	92	C7H8	000108-88-3	80
3	Toluene	92	C7H8	000108-88-3	80
4	Toluene	92	C7H8	000108-88-3	72





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Multiplr: 1.00

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

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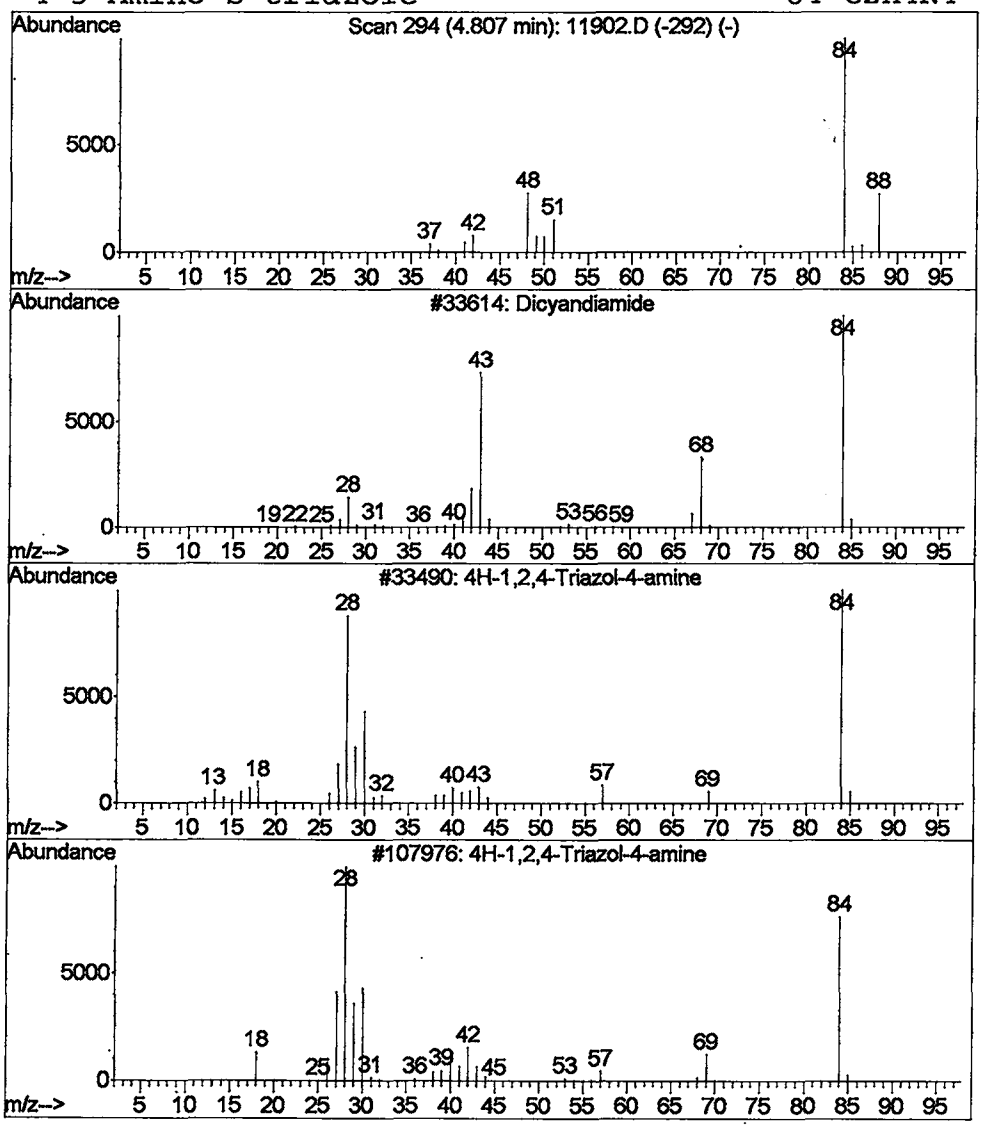
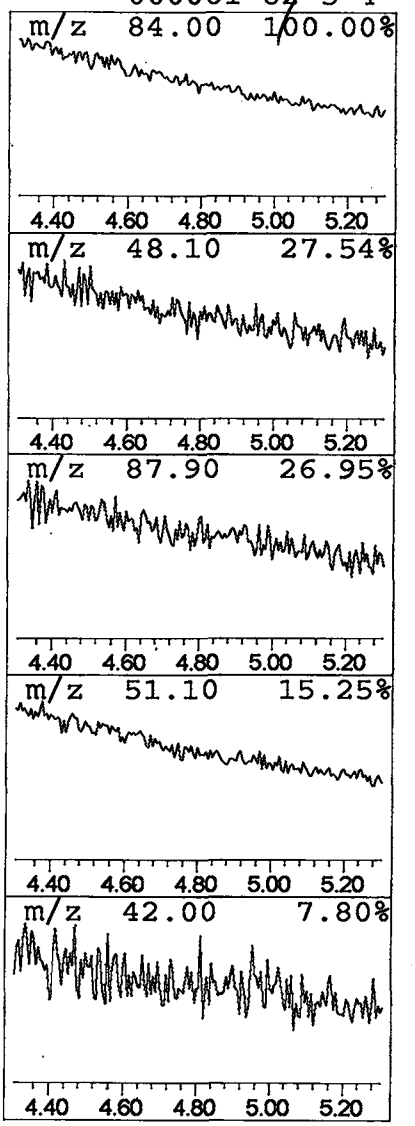
Peak Number 11 Dicyandiamide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	0.53 ug/L	341203	1,4-Dichlorobenzene-d4	9.90

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





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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
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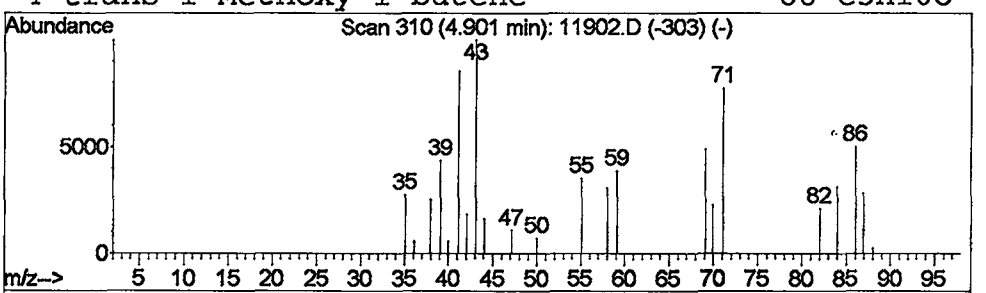
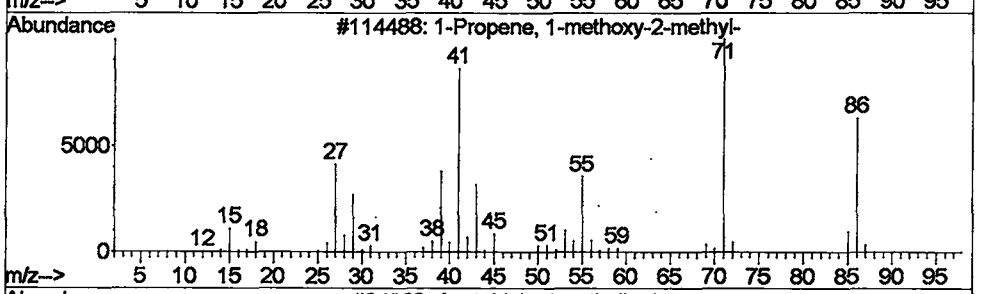
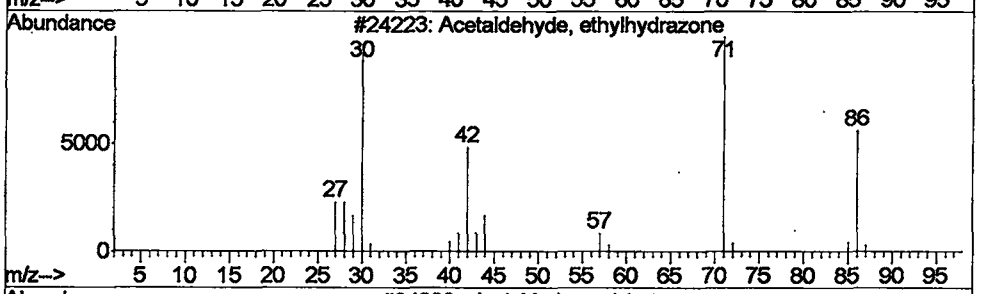
Peak Number 12 1-Propene, 1-methoxy-2-methyl- Concentration Rank 13

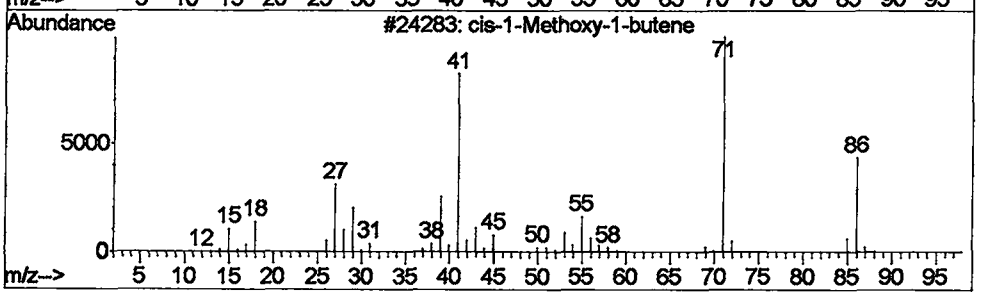
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	0.78 ug/L	504714	1,4-Dichlorobenzene-d4	9.90

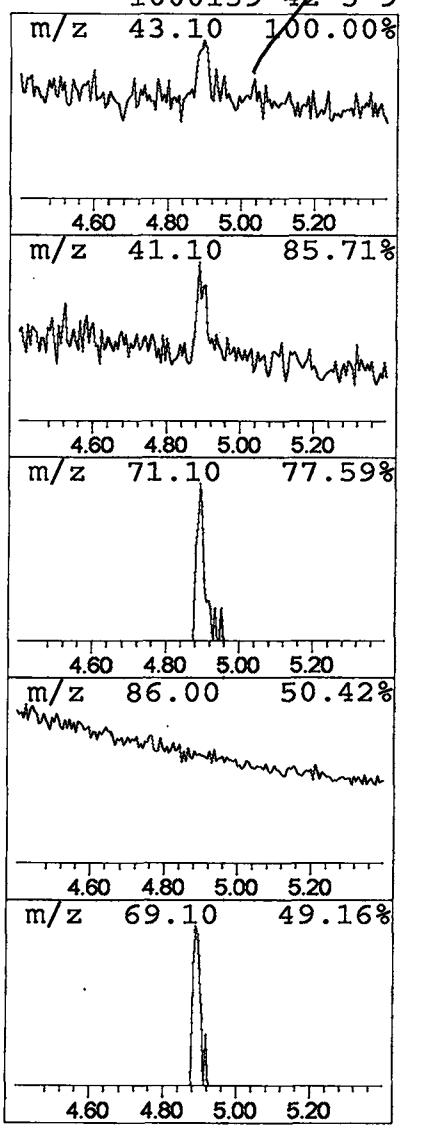
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	14
2	Acetaldehyde, ethylhydrazone	86	C4H10N2	020487-02-9	9
3	cis-1-Methoxy-1-butene	86	C5H10O	1000139-42-2	9
4	trans-1-Methoxy-1-butene	86	C5H10O	1000139-42-3	9











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Multiplr: 1.00

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

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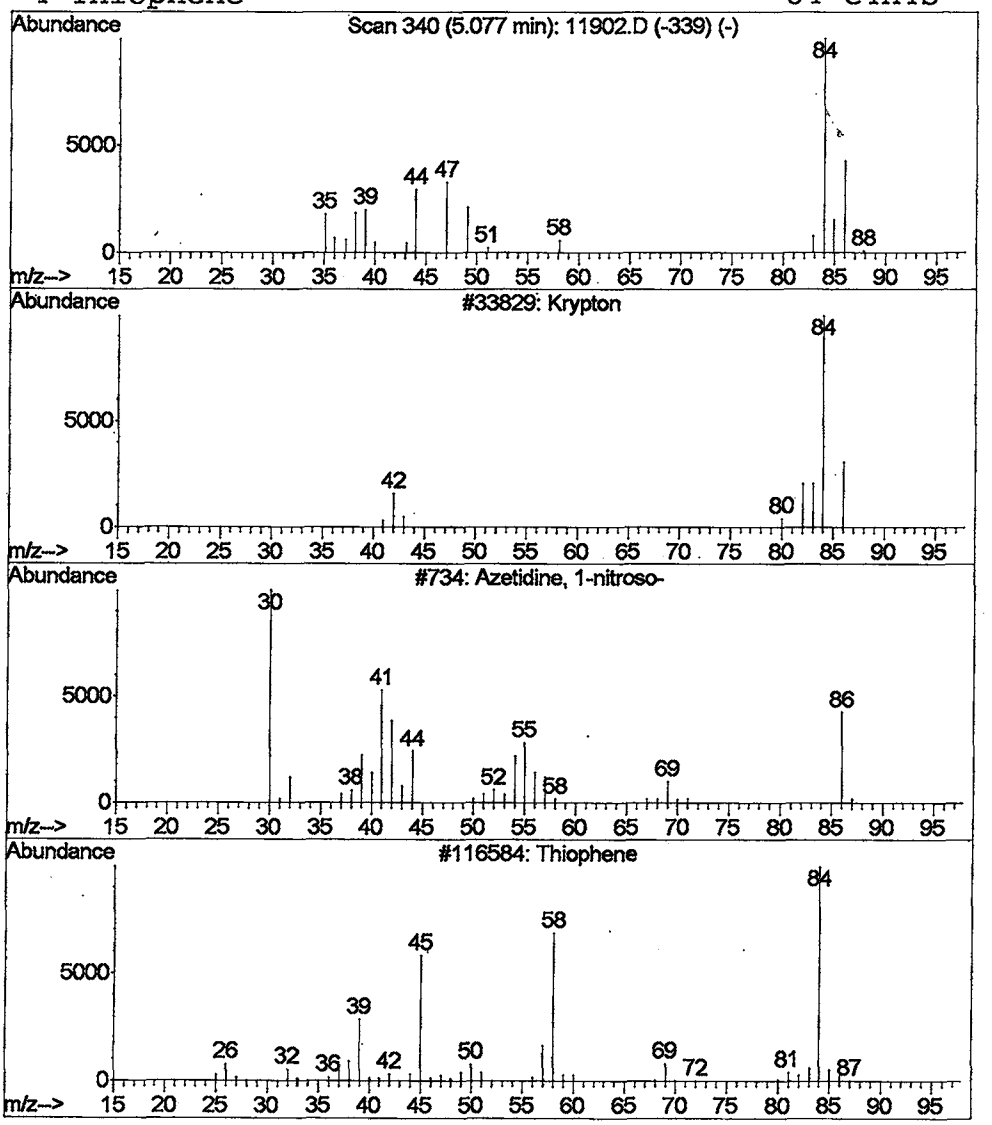
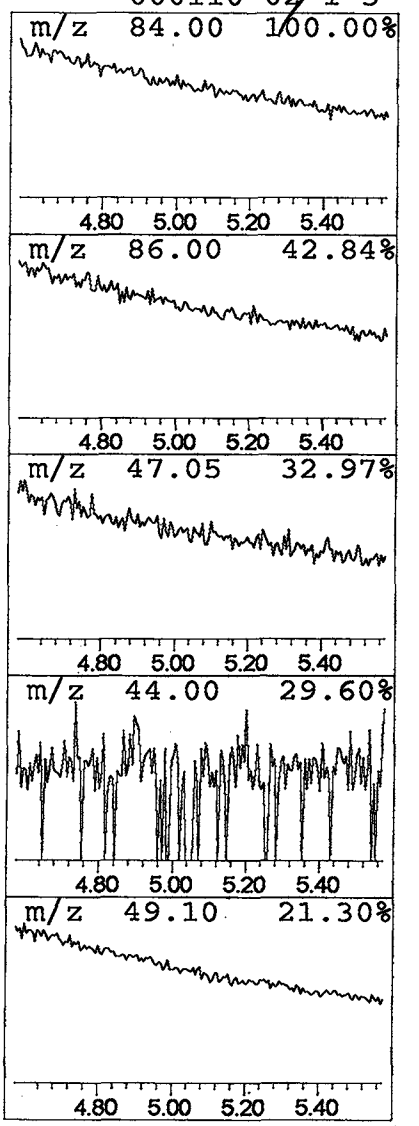
Peak Number 13 Krypton — Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	0.21 ug/L	135187	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	7
2	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	7
3	Thiophene	84	C4H4S	000110-02-1	5
4	Thiophene	84	C4H4S	000110-02-1	5





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Title : 508 Modified GC/MS scan
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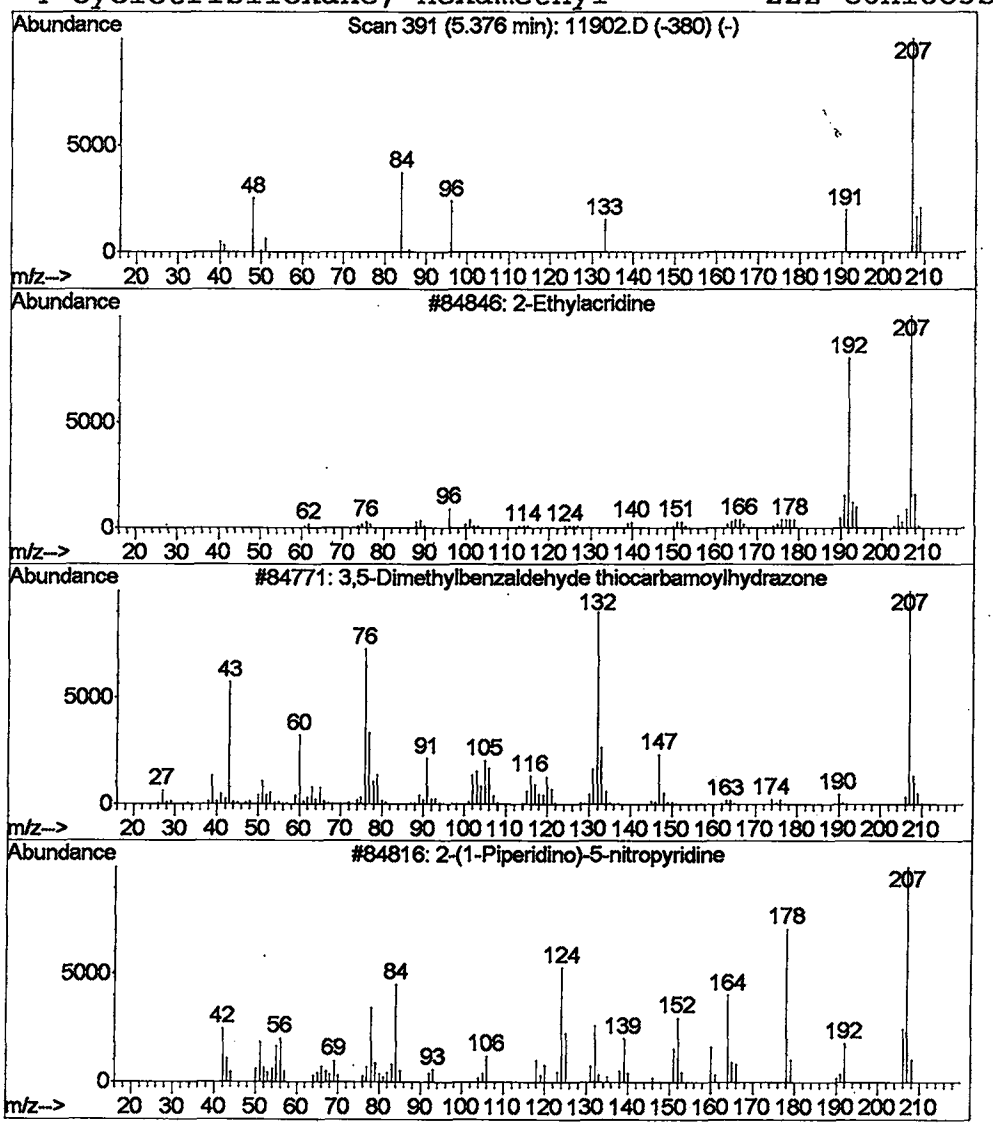
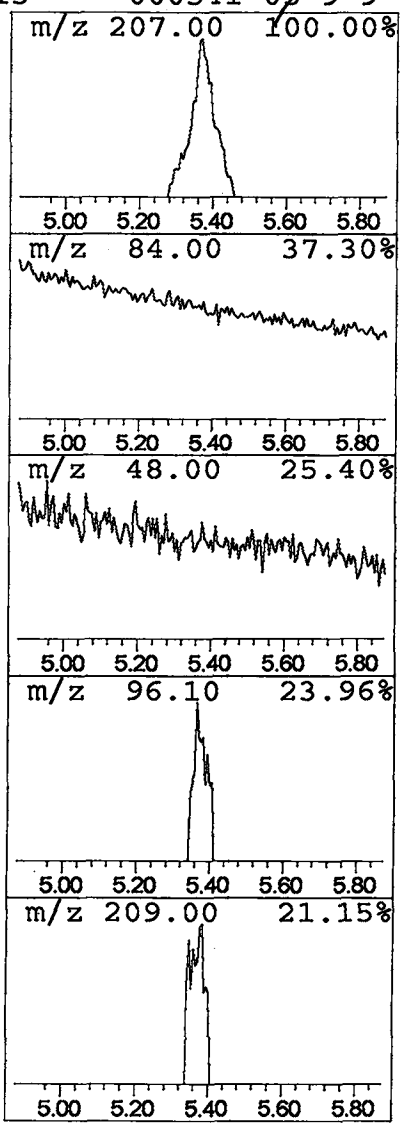
Peak Number 14 2-Ethylacridine Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	0.64 ug/L	414781	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	3,5-Dimethylbenzaldehyde thiocar...	207	C10H13N3S	1000195-15-1	9
3	2-(1-Piperidino)-5-nitropyridine	207	C10H13N3O2	026820-61-1	9
4	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	9





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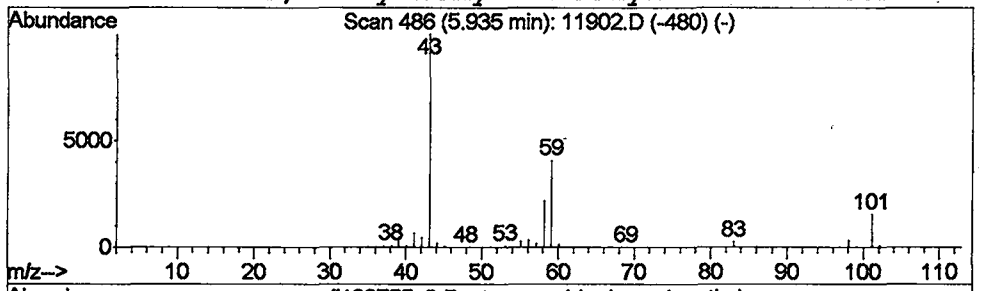
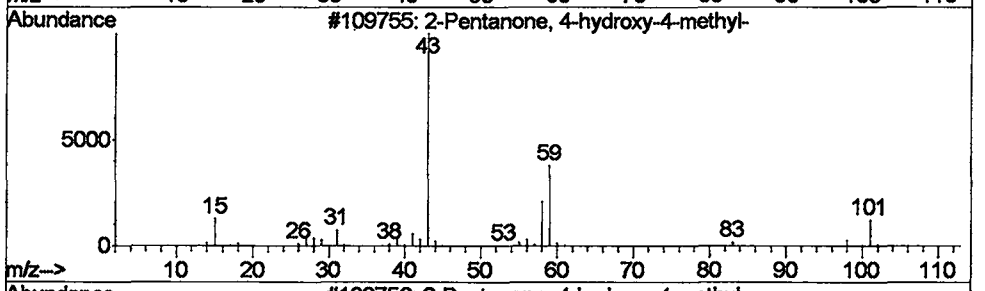
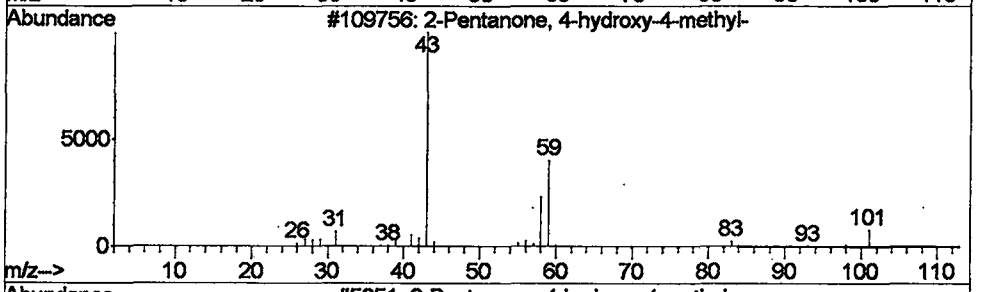
Peak Number 15 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

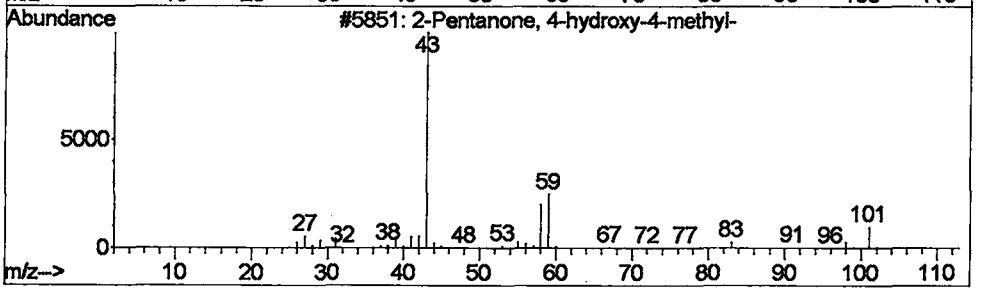
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	11.27 ug/L	7255620	1,4-Dichlorobenzene-d4	9.90

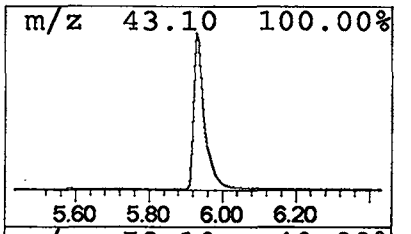
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32

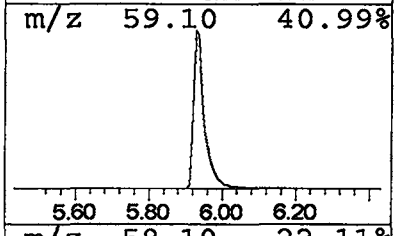


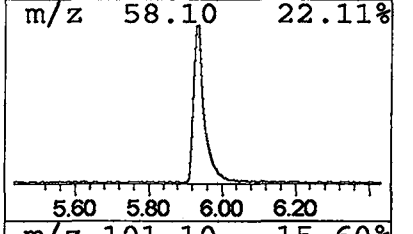


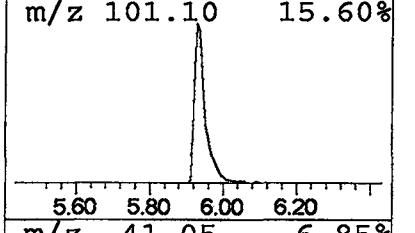


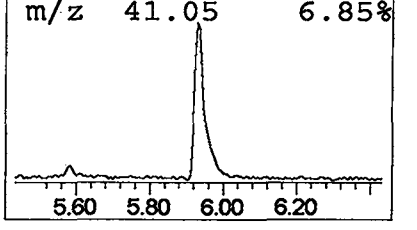












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Title : 508 Modified GC/MS scan
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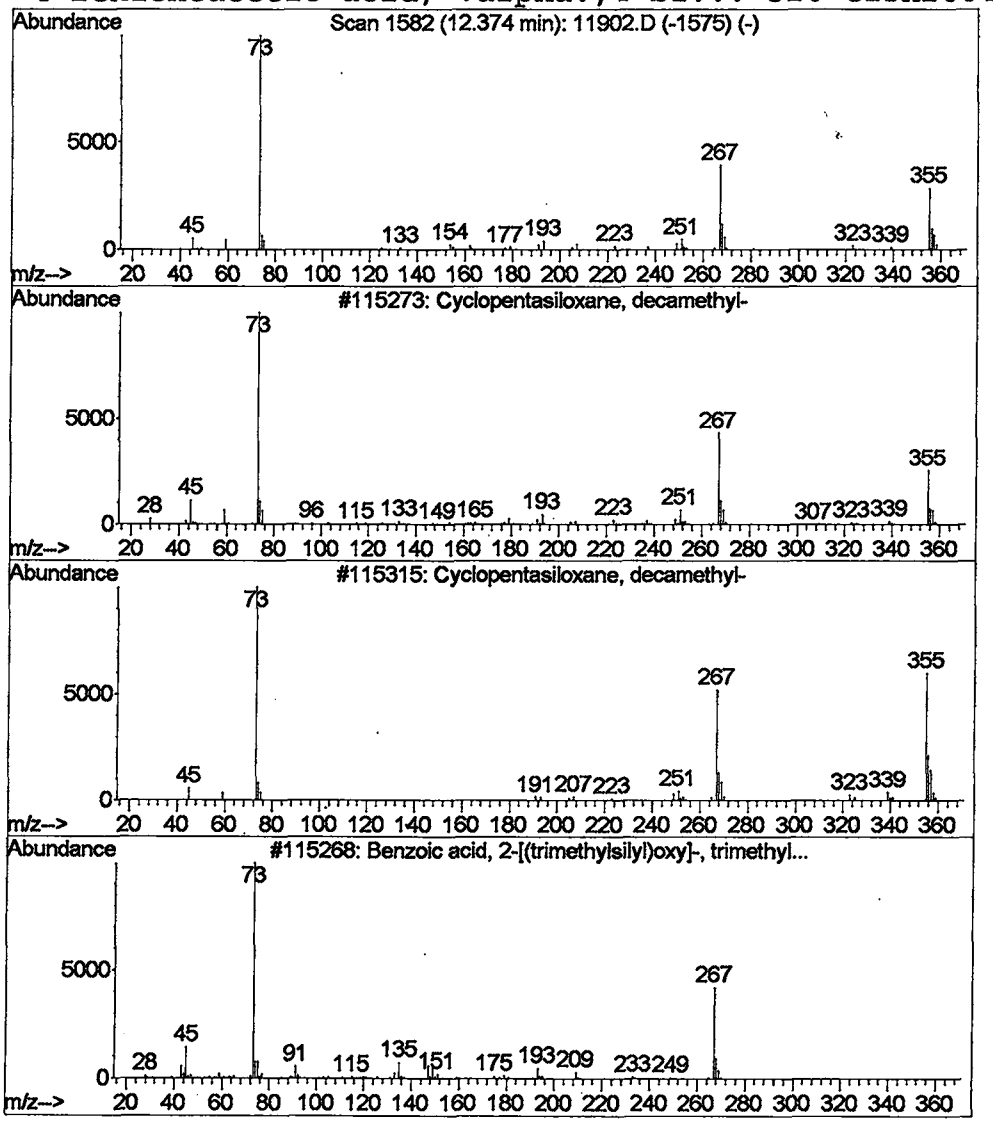
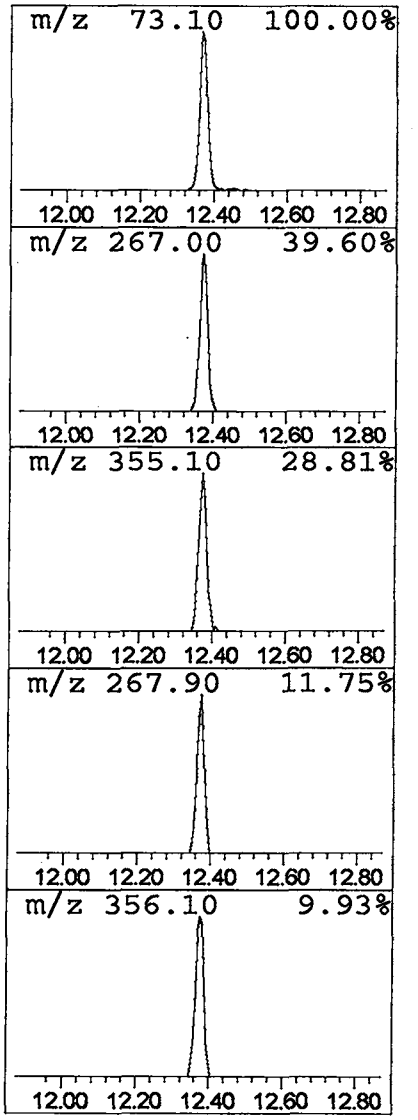
Peak Number 16 Cyclopentasiloxane, decamet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	0.98 ug/L	849234	Napthalene-d8	13.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38
4	Benzeneacetic acid, .alpha.,4-bi...	326	C15H26O4Si2	055334-40-2	28





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Title : 508 Modified GC/MS scan
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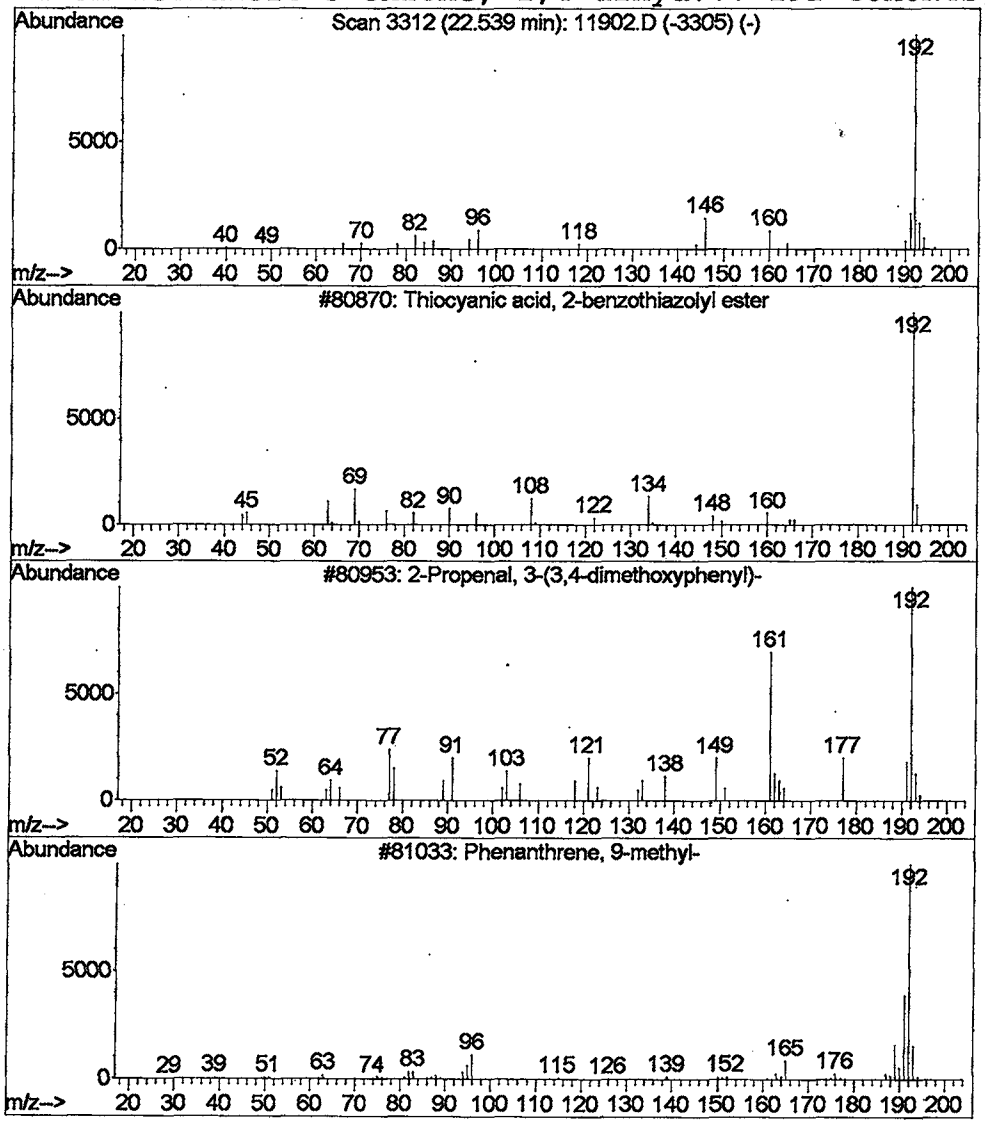
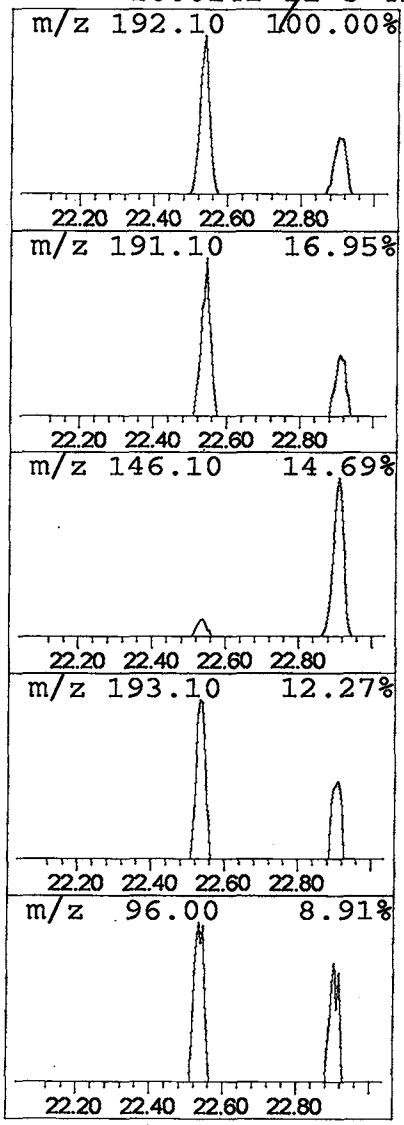
Peak Number 17 Thiocyanic acid, 2-benzothi... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	0.25 ug/L	244671	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	53
2	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	45
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	45
4	5H-Tetrazole-5-thione, 1,4-dihyd...	192	C8H8N4S	1000142-22-5	42





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11902.D Vial: 9
Acq On : 22 May 2002 8:20 pm Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

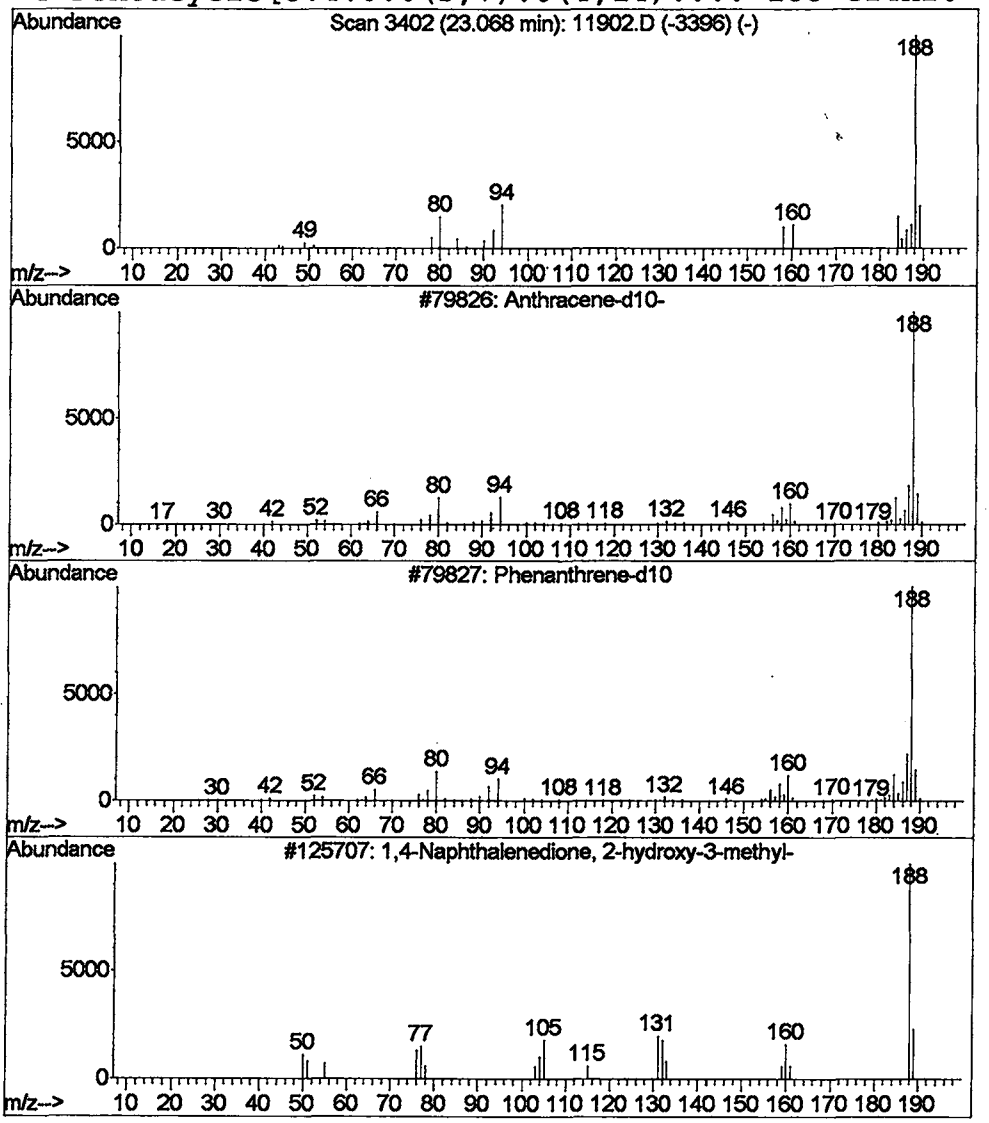
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

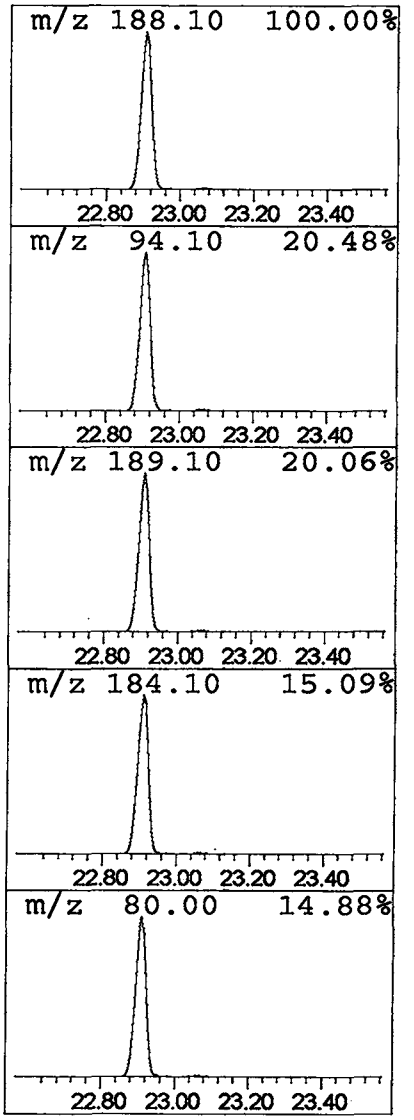
****

Peak Number 18 Anthracene-d10- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	0.22 ug/L	208996	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	87
2	Phenanthrene-d10	188	C14D10	001517-22-2	74
3	1,4-Naphthalenedione, 2-hydroxy-...	188	C11H8O3	000483-55-6	38
4	Pentacyclo[8.4.0.0(3,7).0(4,14)....	188	C14H20	1000099-27-2	33





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 22 May 2002 8:20 pm
Data File: C:\MSDCHEM\1\DATA\052202\11902.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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Methylene Chloride	3.71	5.5	ug/L	3557290	1	9.90	25762700	40.0
Methylene Chloride	3.80	1.1	ug/L	689611	1	9.90	25762700	40.0
1,1,2-Trifluoroet...	3.83	2.6	ug/L	1653150	1	9.90	25762700	40.0
Piperidine	3.89	0.8	ug/L	529189	1	9.90	25762700	40.0
2-Butenal, 3-methyl-	3.92	1.9	ug/L	1197110	1	9.90	25762700	40.0
2-Butenal, 3-methyl-	3.97	1.5	ug/L	947066	1	9.90	25762700	40.0
Methylene Chloride	4.02	1.8	ug/L	1156370	1	9.90	25762700	40.0
Methylene Chloride	4.08	1.4	ug/L	874155	1	9.90	25762700	40.0
2-Butenal, 3-methyl-	4.18	2.1	ug/L	1324540	1	9.90	25762700	40.0
Toluene	4.27	2.0	ug/L	1319980	1	9.90	25762700	40.0
Dicyandiamide	4.80	0.5	ug/L	341203	1	9.90	25762700	40.0
1-Propene, 1-meth...	4.90	0.8	ug/L	504714	1	9.90	25762700	40.0
Krypton	5.08	0.2	ug/L	135187	1	9.90	25762700	40.0
2-Ethylacridine	5.38	0.6	ug/L	414781	1	9.90	25762700	40.0
2-Pentanone, 4-hy...	5.93	11.3	ug/L	7255620	1	9.90	25762700	40.0
Cyclopentasiloxan...	12.37	1.0	ug/L	849234	2	13.39	34623700	40.0
Thiocyanic acid, ...	22.54	0.3	ug/L	244671	4	22.91	38508000	40.0
Anthracene-d10-	23.07	0.2	ug/L	208996	4	22.91	38508000	40.0