User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/04/2002 Time: 10:52:51

Sample: AE12472
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/4/02 10:52 Ended: 6/4/02 10:52 Analyst: DLV
Page: 1

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

Comments for Sample AE12472 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-04-2002 Time: 10:53:27

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\052802\12472.D Vial: 10
Acq On : 28 May 2002 9:38 pm Operator: McLean
Sample : 5/24 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 30 10:41:21 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 08:47:01 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	4095489	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	16536731	40.00	ug/L	-0.02
17) Acenapthalene-d10	18.53	164	9102643	40.00	ug/L	-0.01
29) Phenanthranene-d10	22.91	188	13785844	40.00	ug/L	-0.01
37) Chrysene-d12	30.75	240	7637121	40.00	ug/L	-0.05
43) Perylene-d12	34.65	264	3404686	40.00	ug/L	-0.03
System Monitoring Compounds						
27) TCMX	20.50	209	2055742	39.19	ug/L	-0.01
Spiked Amount 40.000			Recovery = 97.97%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	0.00	74	0	N.D.	d	
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'oxybis(1-Chloropropane	0.00	45	0	N.D.		
8) N-nitroso-di-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Napthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) 2-Chloronaphthalene	0.00	162	0	N.D.		
19) Dimethylphthalate	0.00	163	0	N.D.		
20) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
21) Acenapthylene	0.00	152	0	N.D.		
22) Acenapthalene	0.00	153	0	N.D.		
23) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
24) Diethylphthalate	0.00	149	0	N.D.		
25) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
26) Fluorene	0.00	166	0	N.D.		
28) Azobenzene	20.50	77	35347	N.D.		
30) Nnitrosodiphenylamine	20.51	169	41319	0.30	ug/L #	59
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	25.05	149	53743	N.D.		

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

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Title : 508 Modified GC/MS scan
Last Update : Wed May 29 08:47:01 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	17311	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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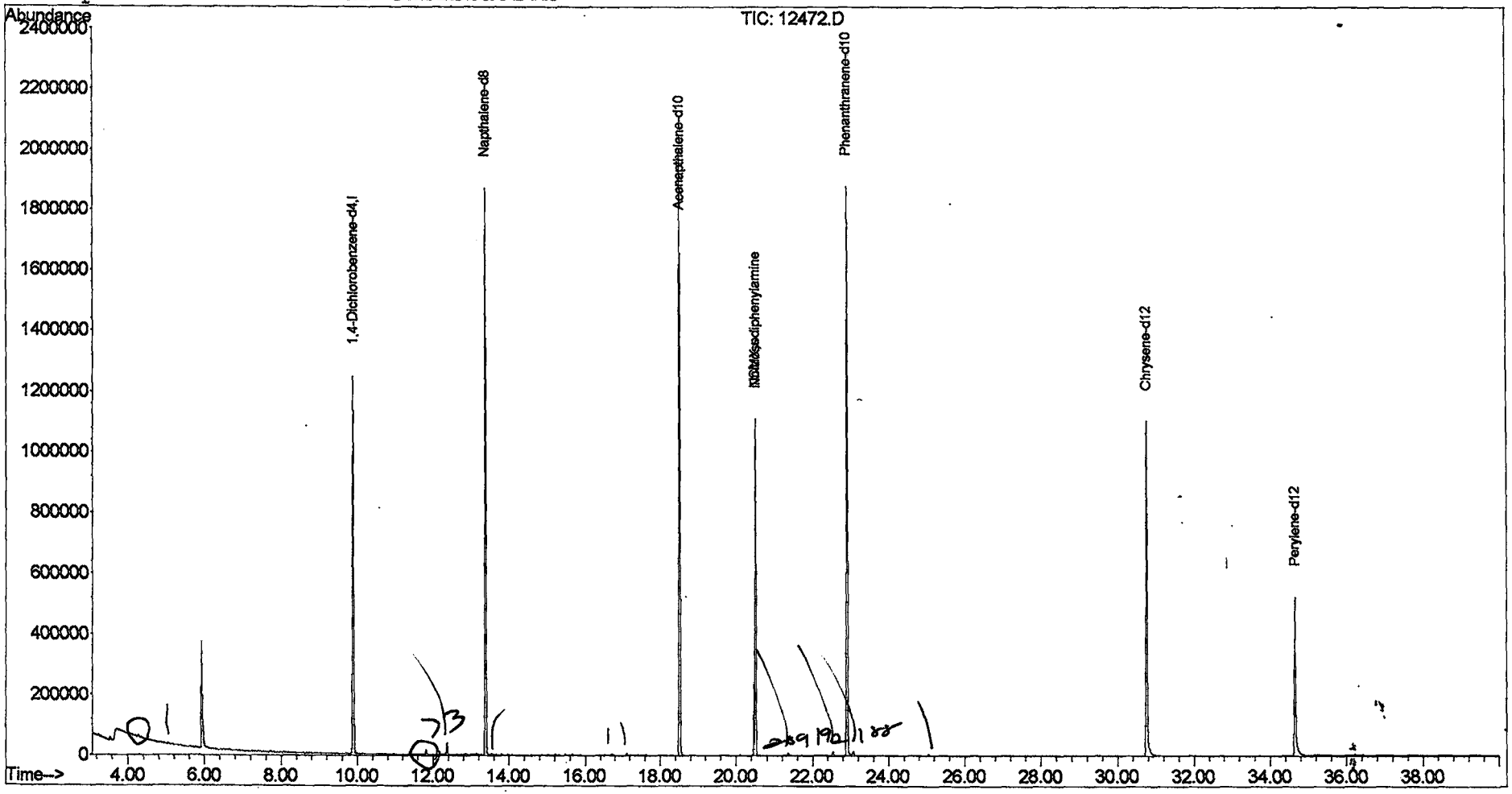
Acq On : 28 May 2002 9:38 pm Operator: McLean
Sample : 5/24 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 30 10:41 2002 Quant Results File: 052202.RES

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 29 08:47:01 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052802\12472.D
Acq On : 28 May 2002 9:38 pm
Sample : 5/24 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 10
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

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

Signal : TIC

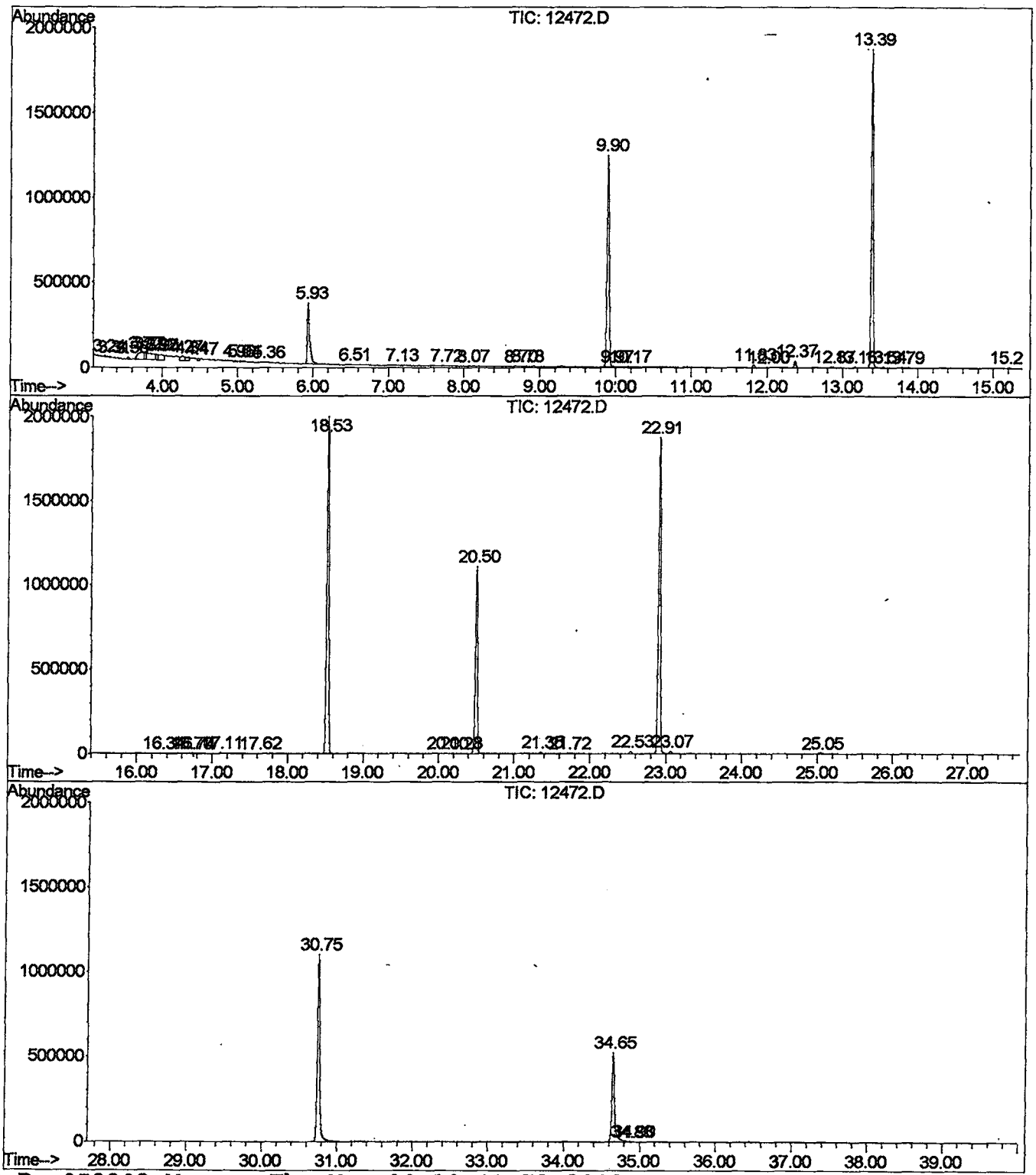
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.244	19	28	35	BV 6	6352	111473	0.30%	0.053%
2	3.308	35	39	48	PV 7	3791	49309	0.13%	0.024%
3	3.549	76	80	93	PV 3	10753	205250	0.55%	0.098%
4	3.720	93	109	115	VV 6	39183	2151895	5.78%	1.027%
5	3.767	115	117	120	VV 3	38013	609867	1.64%	0.291%
6	3.796	120	122	141	VV 9	36703	2441644	6.55%	1.166%
7	3.914	141	142	146	VV 4	31849	597665	1.60%	0.285%
8	3.949	146	148	161	VV 9	29592	1500509	4.03%	0.716%
9	4.272	195	203	208	VV 5	23311	885349	2.38%	0.423%
10	4.337	208	214	218	VV 7	19142	604434	1.62%	0.289%
11	4.472	235	237	242	VV 3	13539	276837	0.74%	0.132%
12	4.965	316	321	328	VV 9	5362	154686	0.42%	0.074%
13	5.036	331	333	346	VV 8	5638	187939	0.50%	0.090%
14	5.359	383	388	390	PV 6	1862	22812	0.06%	0.011%
15	5.935	476	486	522	PV	348808	7689718	20.64%	3.671%
16	6.505	577	583	588	PV 8	1986	44006	0.12%	0.021%
17	7.127	685	689	701	PV 8	1835	54101	0.15%	0.026%
18	7.715	786	789	801	PV 7	3617	106667	0.29%	0.051%
19	8.073	839	850	856	PV 9	1758	34453	0.09%	0.016%
20	8.702	954	957	959	VV 3	1901	19526	0.05%	0.009%
21	8.784	959	971	982	VV 10	2238	82459	0.22%	0.039%
22	9.895	1150	1160	1171	VV	1227476	24587835	65.99%	11.738%
23	9.965	1171	1172	1185	VV 7	2638	44337	0.12%	0.021%
24	10.171	1201	1207	1214	PV 3	2139	28675	0.08%	0.014%
25	11.828	1481	1489	1498	PV 4	15094	253172	0.68%	0.121%
26	11.998	1514	1518	1527	VV 4	2456	51933	0.14%	0.025%
27	12.374	1573	1582	1592	VV 2	37848	579652	1.56%	0.277%
28	12.868	1654	1666	1671	VV 3	3781	112013	0.30%	0.053%
29	13.156	1711	1715	1722	PV 3	4164	76092	0.20%	0.036%
30	13.391	1743	1755	1774	VV	1872054	33451870	89.78%	15.969%
31	13.544	1774	1781	1793	VV	4813	95164	0.26%	0.045%
32	13.790	1804	1823	1827	BV 7	2047	13129	0.04%	0.006%
33	15.212	2057	2065	2076	PV 3	4062	70372	0.19%	0.034%
34	16.335	2253	2256	2263	PV 4	1911	21585	0.06%	0.010%
35	16.705	2314	2319	2322	PV 3	3219	48670	0.13%	0.023%
36	16.734	2322	2324	2335	VV 4	3354	57363	0.15%	0.027%
37	17.110	2374	2388	2396	VV 5	6260	110190	0.30%	0.053%

38	17.615	2470	2474	2480	VV	4	2984	44856	0.12%	0.021%
39	18.526	2619	2629	2640	PV		1994545	37211361	99.87%	17.764%
40	20.101	2888	2897	2909	BV	4	2039	44496	0.12%	0.021%
41	20.283	2918	2928	2934	PV	6	2288	45408	0.12%	0.022%
42	20.500	2951	2965	2976	PV		1091082	20576136	55.22%	9.823%
43	21.352	3102	3110	3119	PV	3	8294	128575	0.35%	0.061%
44	21.717	3165	3172	3179	PV	4	2913	50575	0.14%	0.024%
45	22.533	3303	3311	3319	PV	3	13476	238443	0.64%	0.114%
46	22.909	3360	3375	3395	PV	2	1888821	37260799	100.00%	17.788%
47	23.068	3395	3402	3416	VV	3	13235	255590	0.69%	0.122%
48	25.048	3723	3739	3752	PV		4135	101506	0.27%	0.048%
49	30.753	4699	4710	4756	PV	2	1093474	23504091	63.08%	11.220%
50	34.649	5359	5373	5410	PV		517688	12537223	33.65%	5.985%
51	34.878	5410	5412	5415	VV	4	1860	23560	0.06%	0.011%
52	34.907	5415	5417	5425	VV	7	1332	21254	0.06%	0.010%

Sum of corrected areas: 209476528

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052802\12472.D
Operator : McLean
Acquired : 28 May 2002 9:38 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/24 ad
Misc Info :
Vial Number: 10
Quant File :052202.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052802\12472.D Vial: 10
Acq On : 28 May 2002 9:38 pm Operator: McLean
Sample : 5/24 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

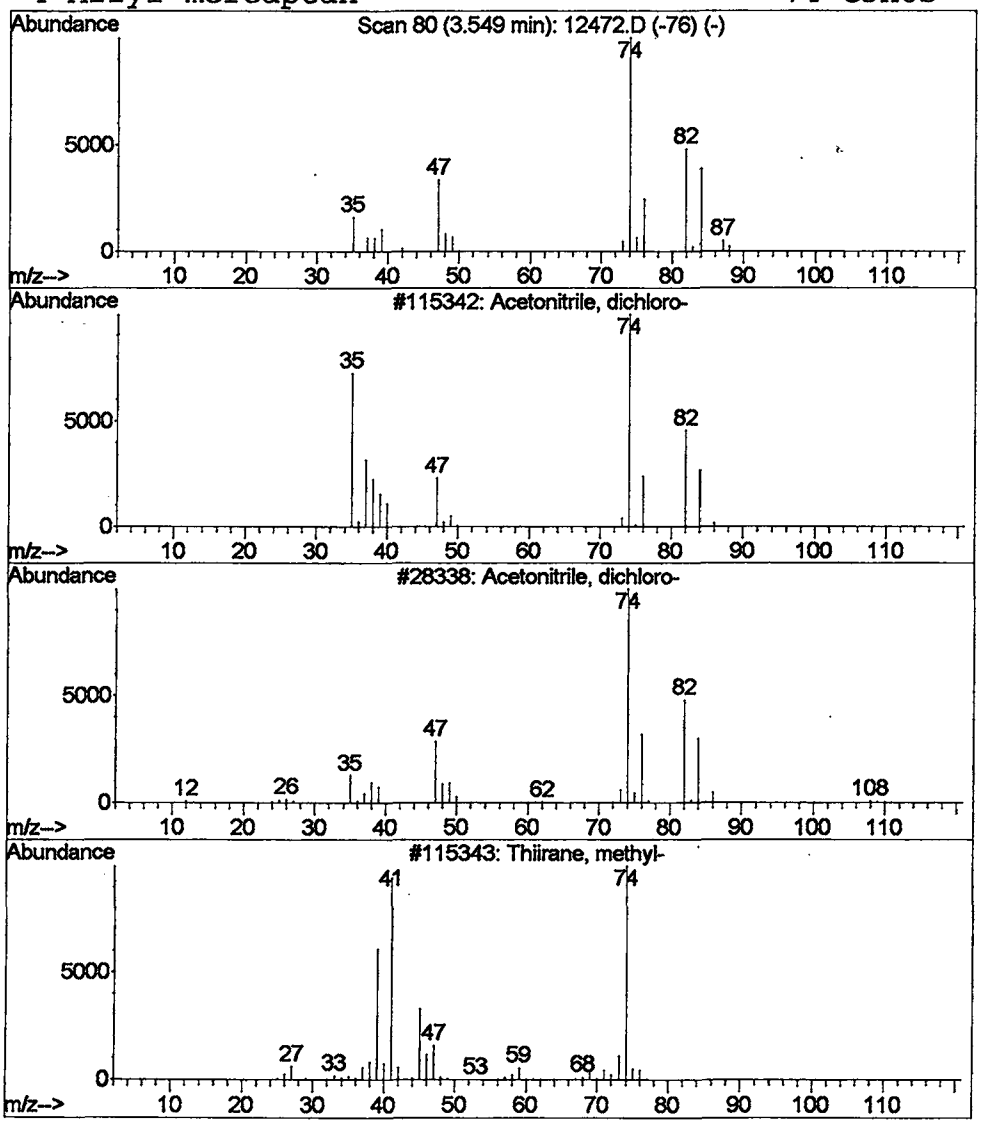
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

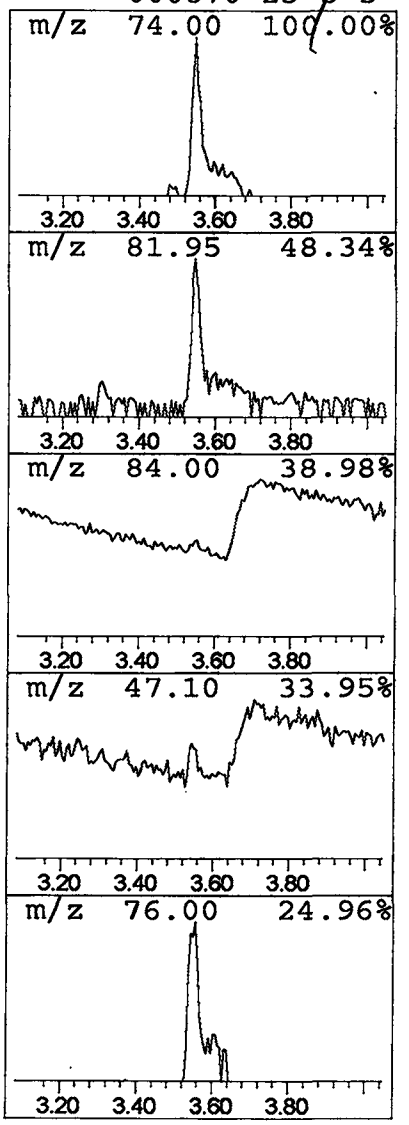
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	0.33 ug/L	205250	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	78
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	43
3	Thiirane, methyl-	74	C3H6S	001072-43-1	5
4	Allyl mercaptan	74	C3H6S	000870-23-5	5





Data File : C:\MSDCHEM\1\DATA\052802\12472.D Vial: 10
Acq On : 28 May 2002 9:38 pm Operator: McLean
Sample : 5/24 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

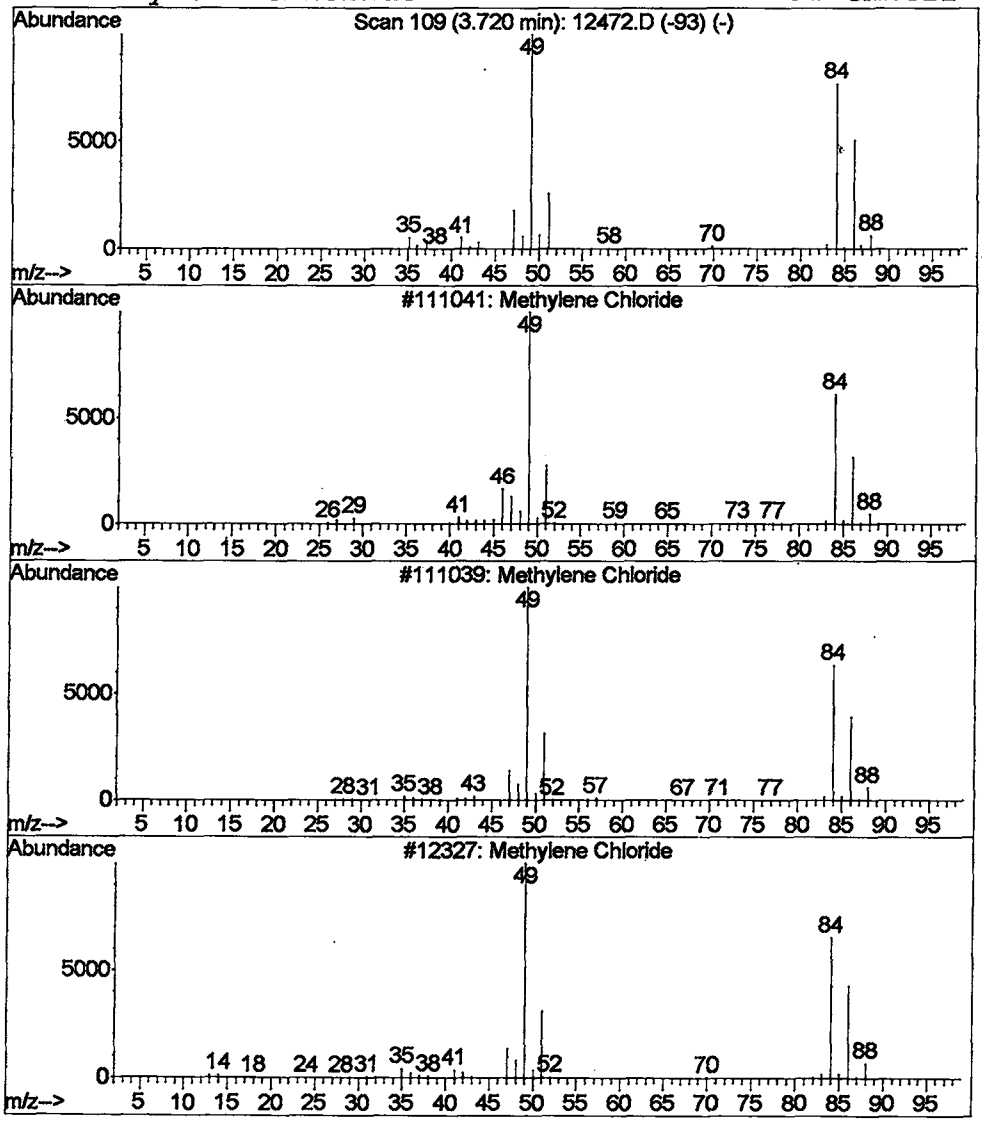
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

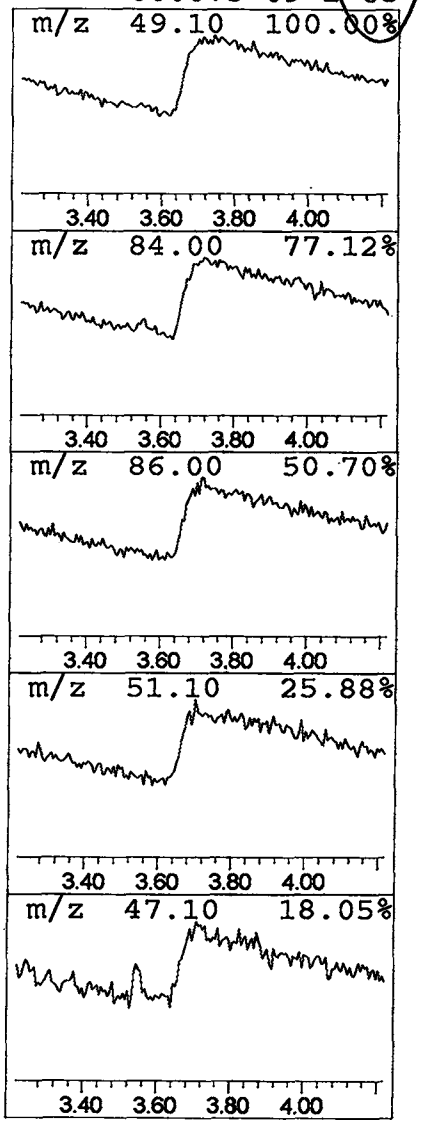
****

Peak Number 2 Methylene Chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	3.50 ug/L	2151890	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	86
2	Methylene Chloride	84	CH2Cl2	000075-09-2	86
3	Methylene Chloride	84	CH2Cl2	000075-09-2	86
4	Methylene Chloride	84	CH2Cl2	000075-09-2	83





Data File : C:\MSDCHEM\1\DATA\052802\12472.D
Acq On : 28 May 2002 9:38 pm
Sample : 5/24 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 10
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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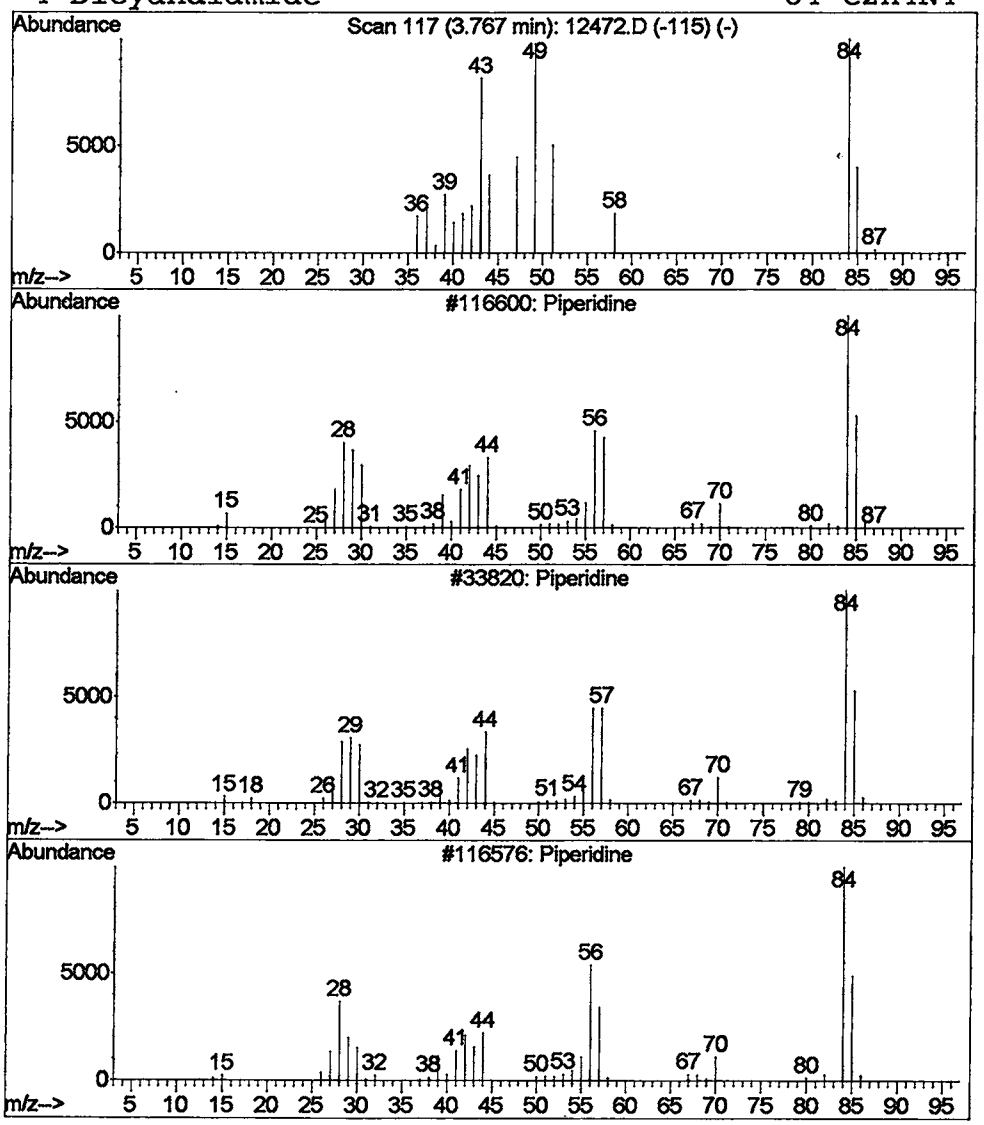
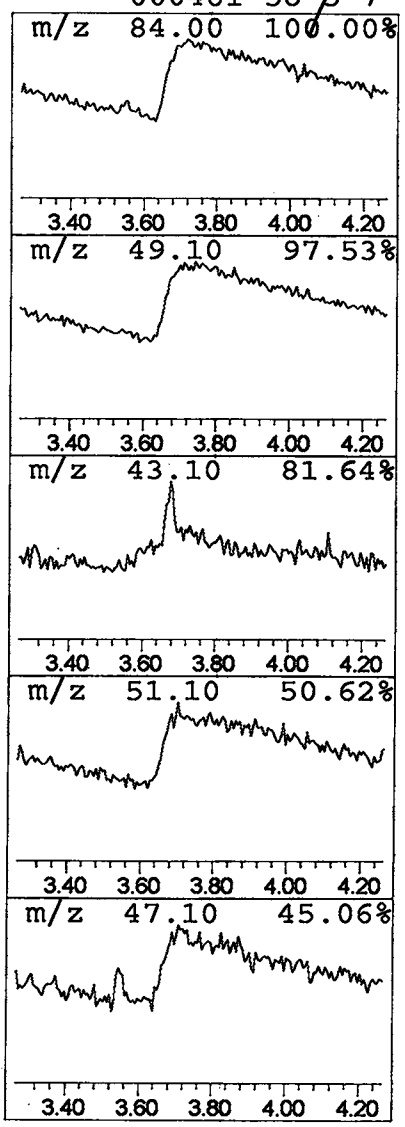
Peak Number 3 Piperidine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	0.99 ug/L	609867	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine	85	C5H11N	000110-89-4	10
2	Piperidine	85	C5H11N	000110-89-4	10
3	Piperidine	85	C5H11N	000110-89-4	9
4	Dicyandiamide	84	C2H4N4	000461-58-5	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052802\12472.D Vial: 10
Acq On : 28 May 2002 9:38 pm Operator: McLean
Sample : 5/24 ad 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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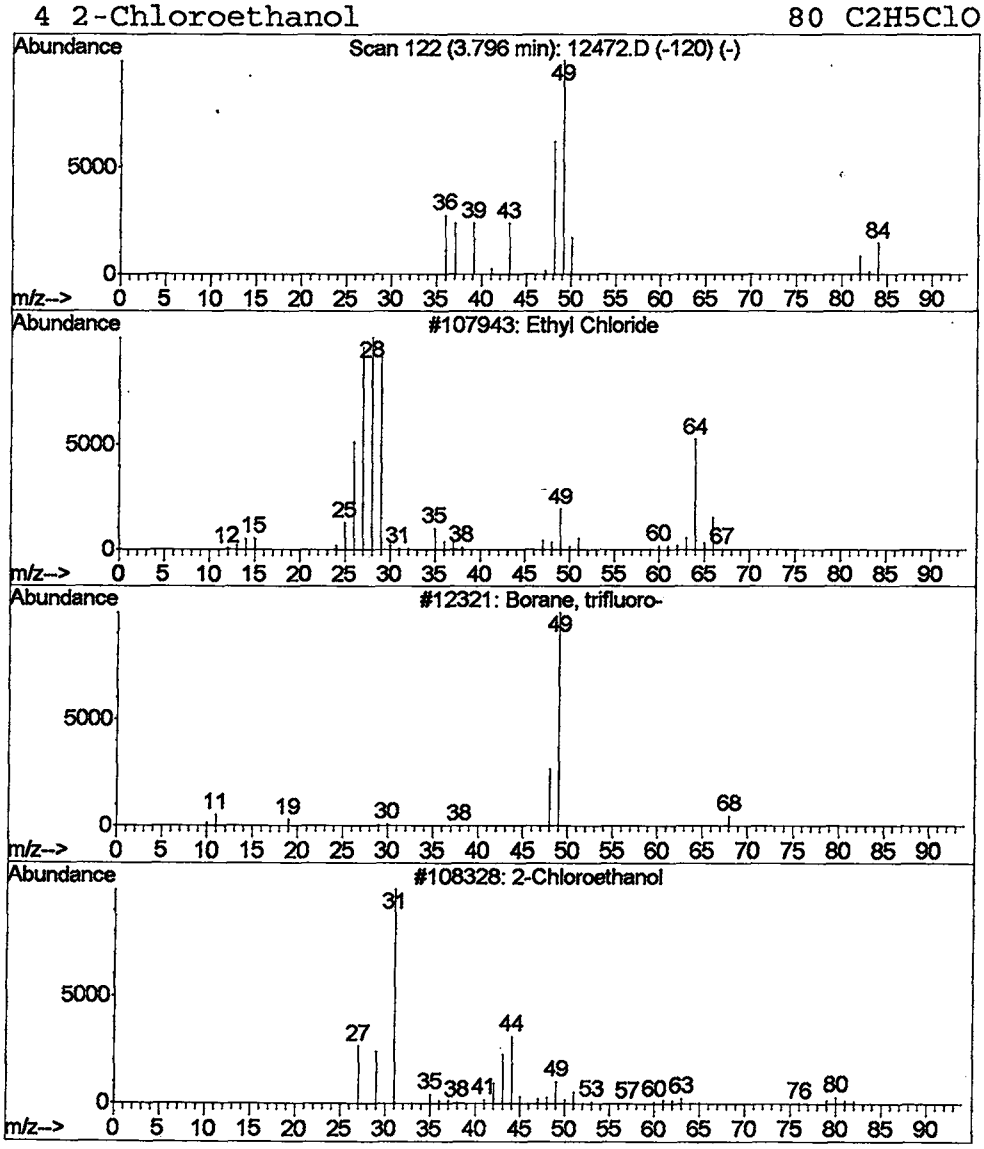
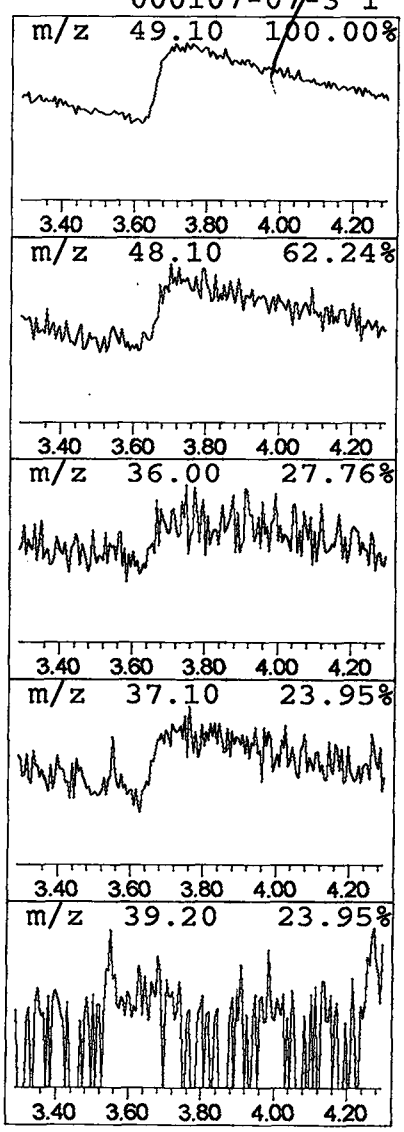
Peak Number 4 Ethyl Chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	3.97 ug/L	2441640	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	2
2	Borane, trifluoro-	68	BF3	007637-07-2	1
3	2-Chloroethanol	80	C2H5ClO	000107-07-3	1
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	1





Data File : C:\MSDCHEM\1\DATA\052802\12472.D Vial: 10
Acq On : 28 May 2002 9:38 pm Operator: McLean
Sample : 5/24 ad 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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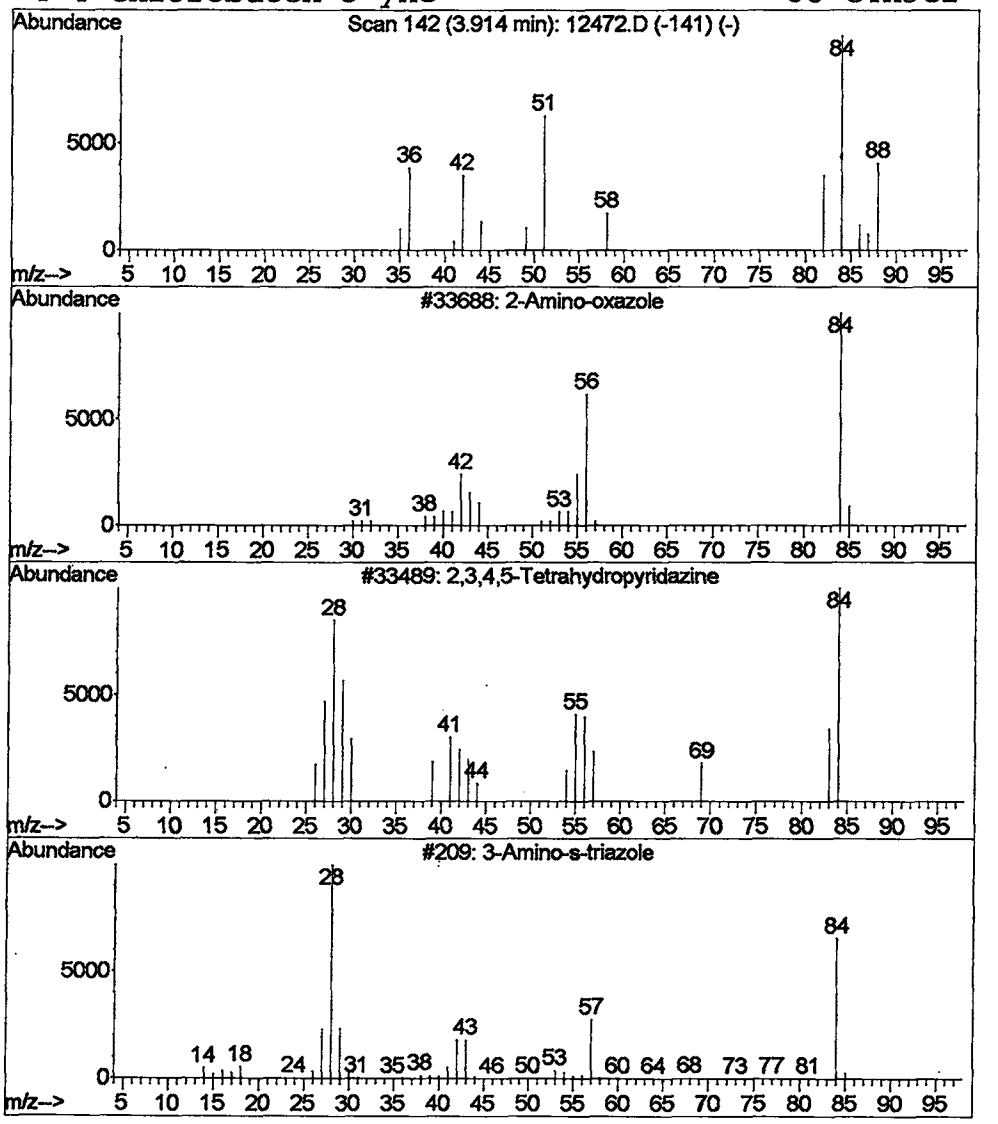
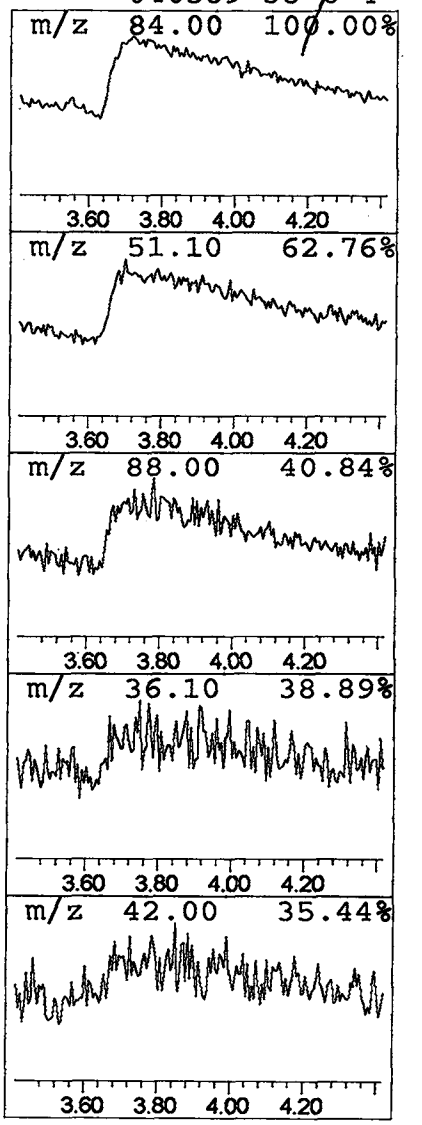
Peak Number 5 2-Amino-oxazole Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	0.97 ug/L	597665	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-oxazole	84	C3H4N2O	1000144-64-0	9
2	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	7
3	3-Amino-s-triazole	84	C2H4N4	000061-82-5	4
4	4-Chlorobuten-3-yne	86	C4H3Cl	040589-38-6	4





Data File : C:\MSDCHEM\1\DATA\052802\12472.D
Acq On : 28 May 2002 9:38 pm
Sample : 5/24 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 10
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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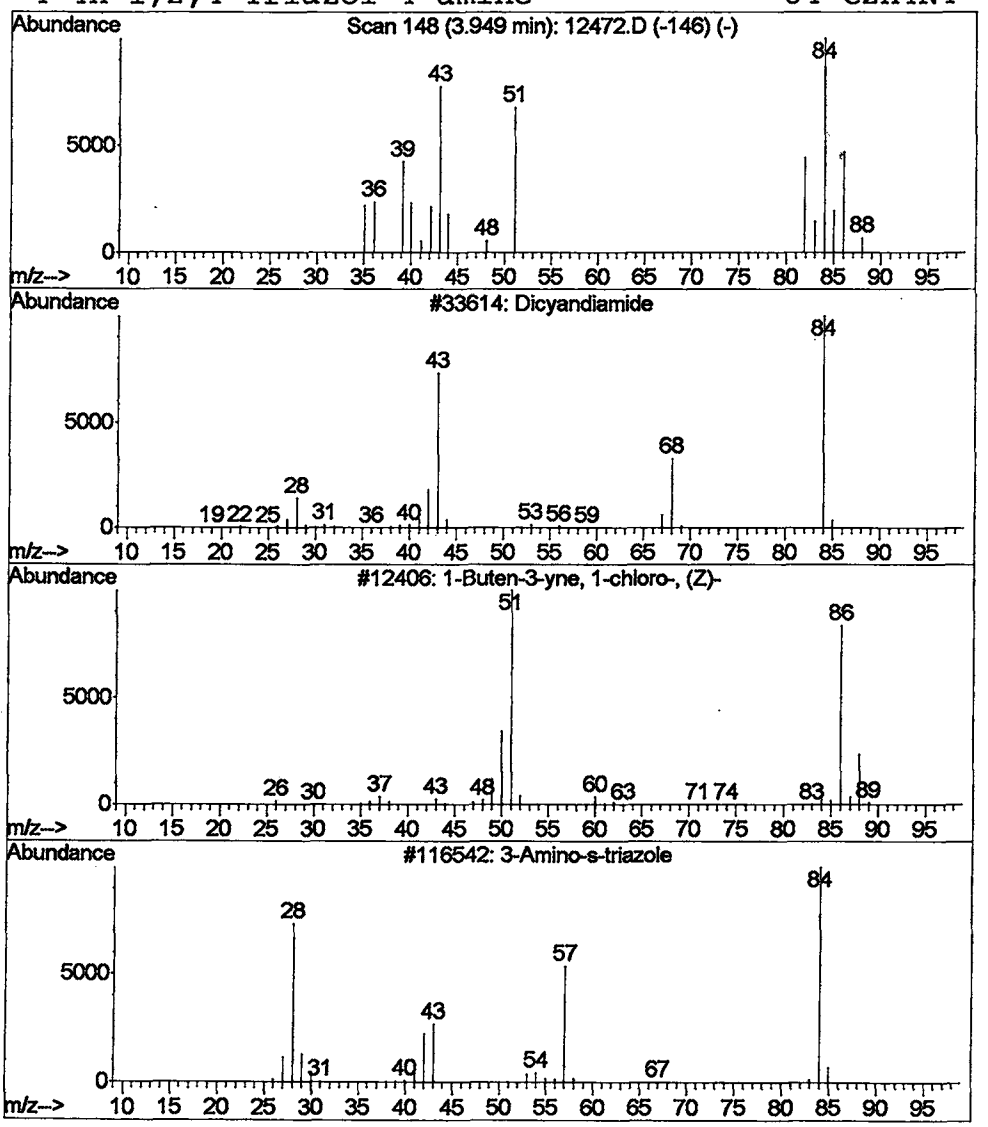
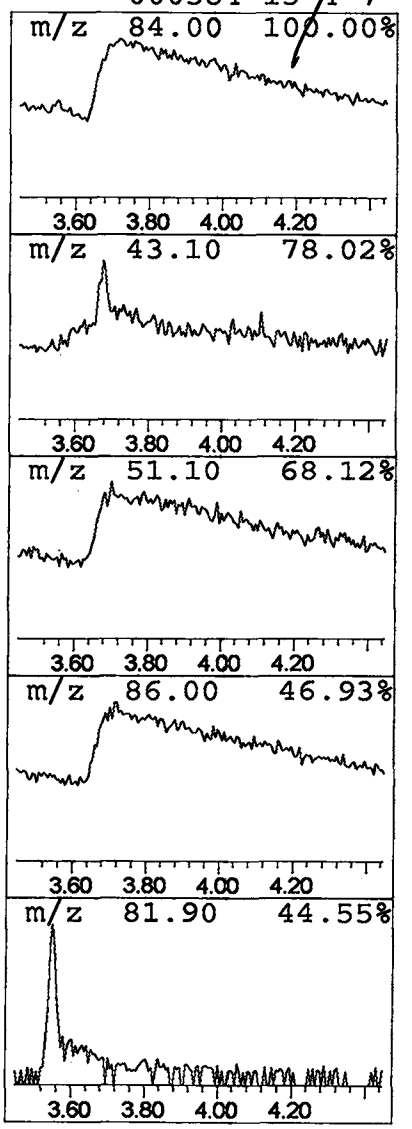
Peak Number 6 Dicyandiamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.95	2.44 ug/L	1500510	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyandiamide	84	C2H4N4	000461-58-5	9
2	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	7
3	3-Amino-s-triazole	84	C2H4N4	000061-82-5	7
4	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	7





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Acq On : 28 May 2002 9:38 pm
Sample : 5/24 ad
Misc :
MS Integration Params: LSCINT.e

Vial: 10
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

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

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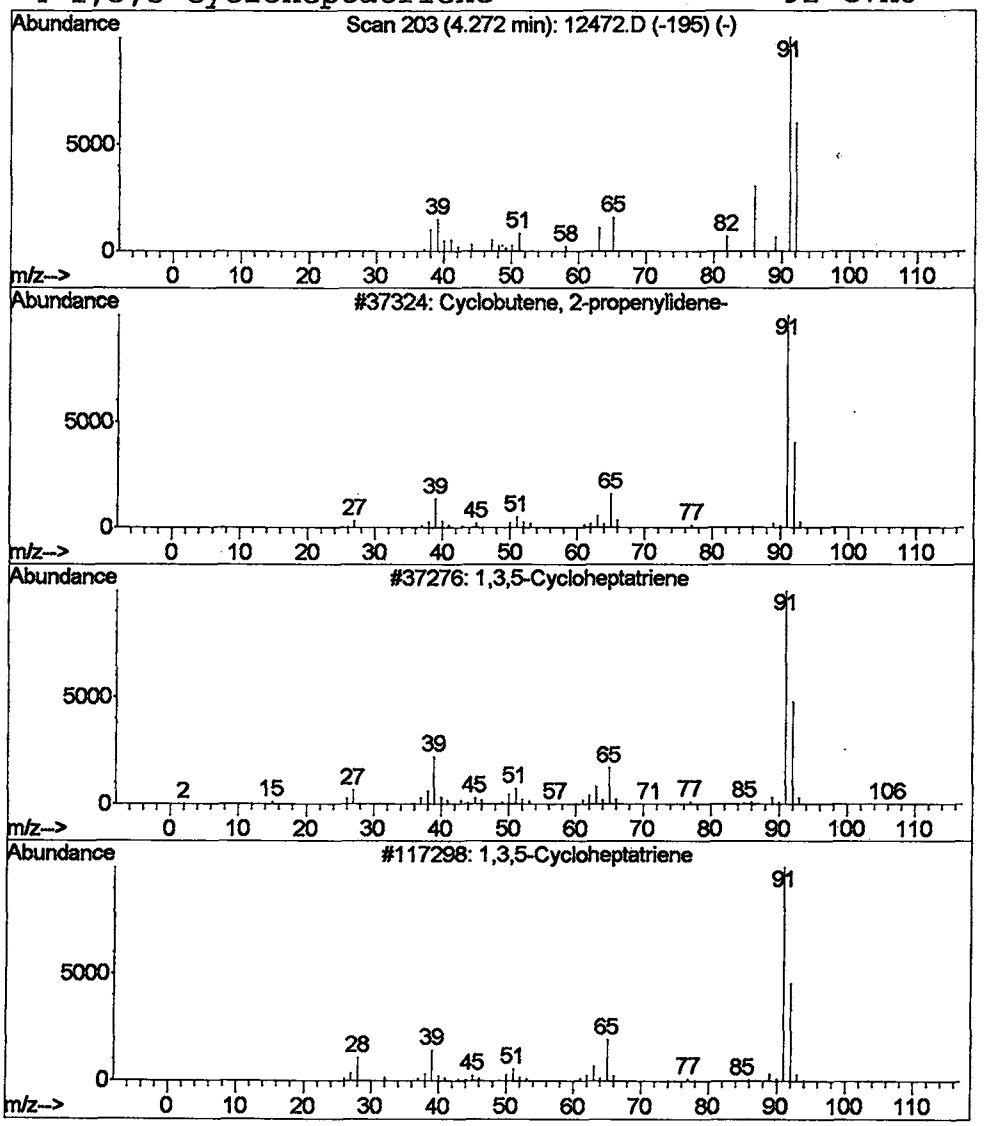
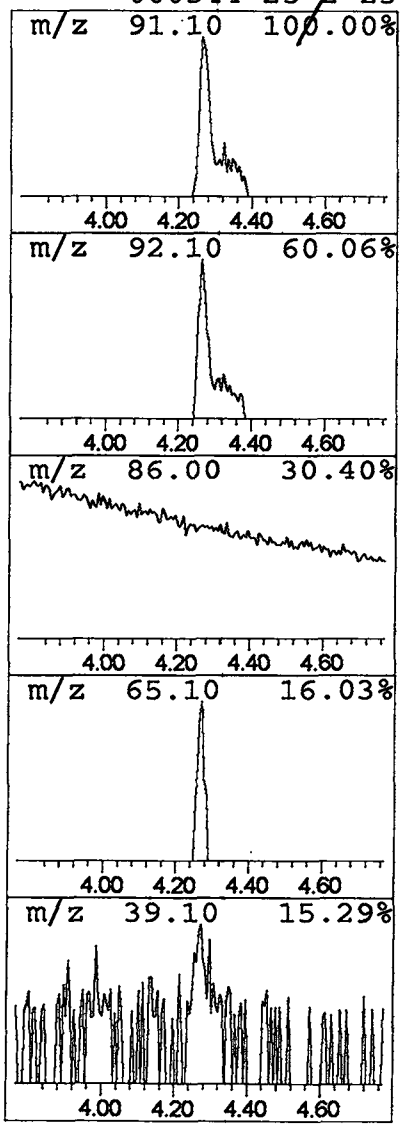
Peak Number 7 Cyclobutene, 2-propenylidene- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	1.44 ug/L	885349	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	50
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	50
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	28
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	23





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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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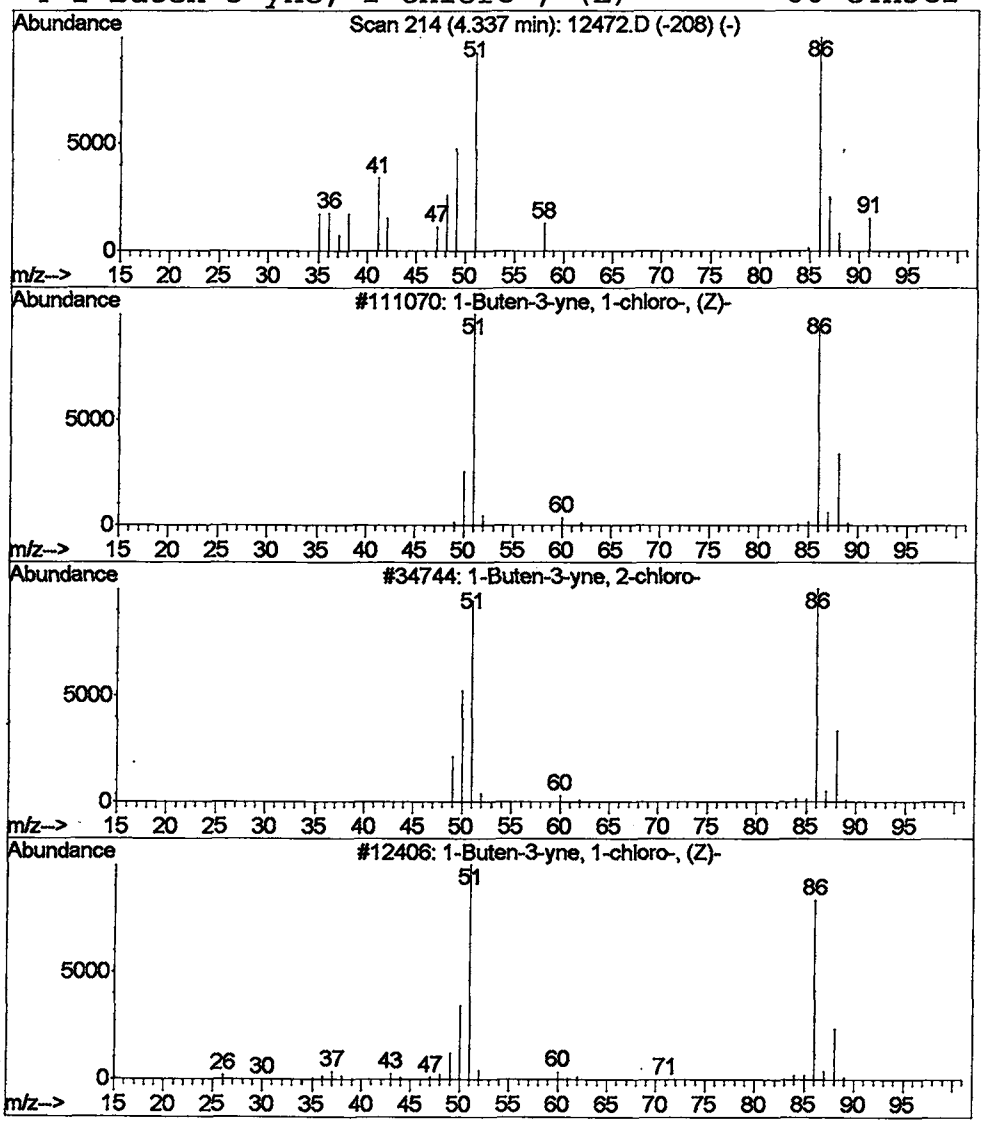
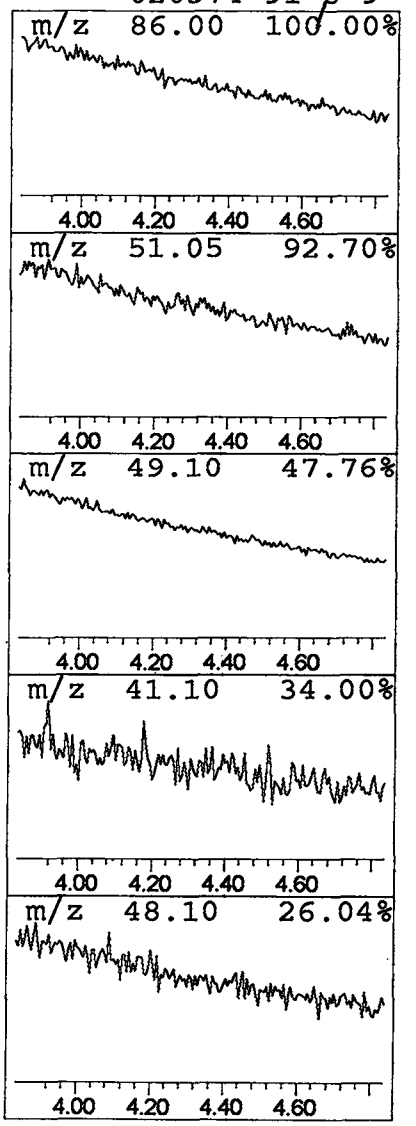
Peak Number 8 1-Buten-3-yne, 1-chloro-, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	0.98 ug/L	604434	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	9
2	1-Buten-3-yne, 2-chloro-	86	C4H3Cl	017712-36-6	9
3	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	9
4	1-Buten-3-yne, 1-chloro-, (E)-	86	C4H3Cl	020374-91-8	9





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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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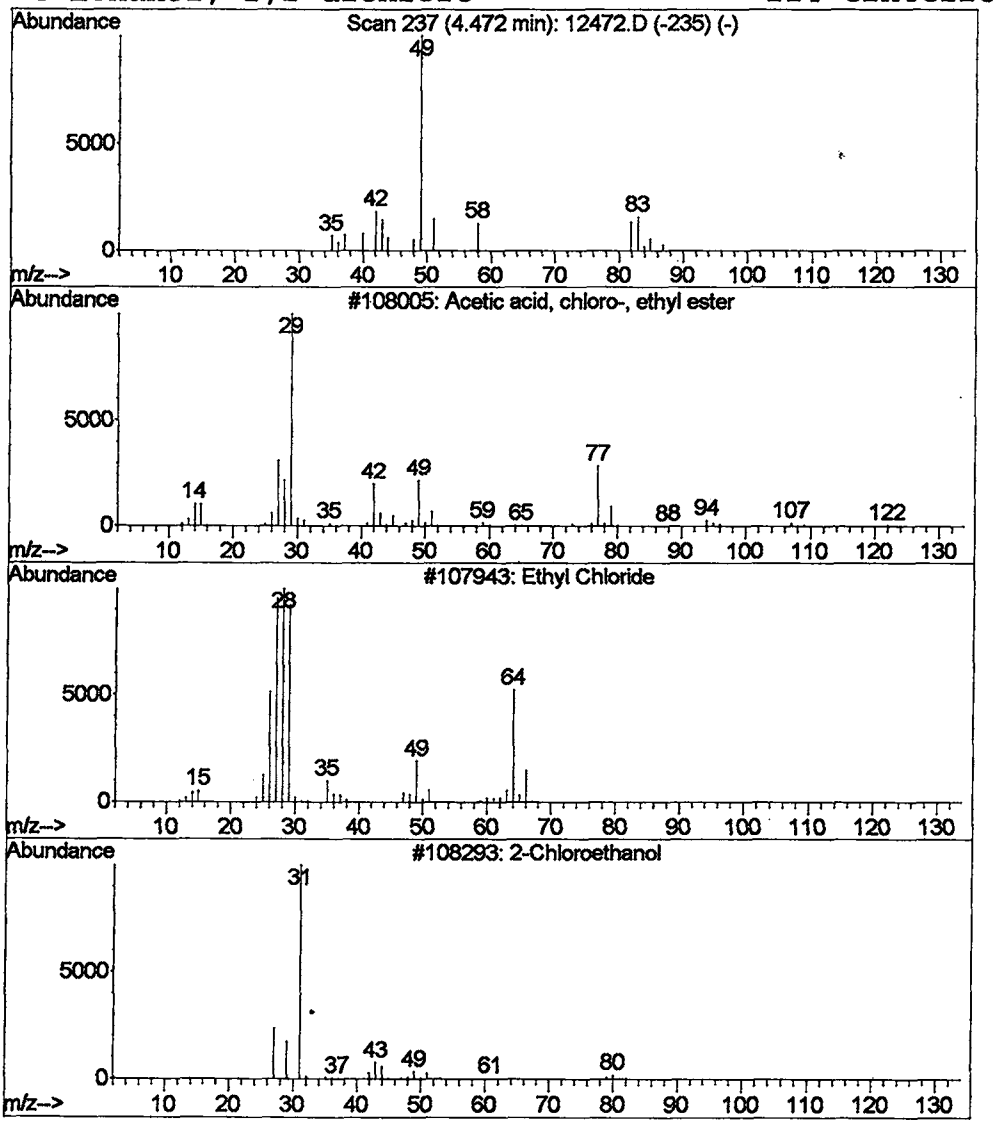
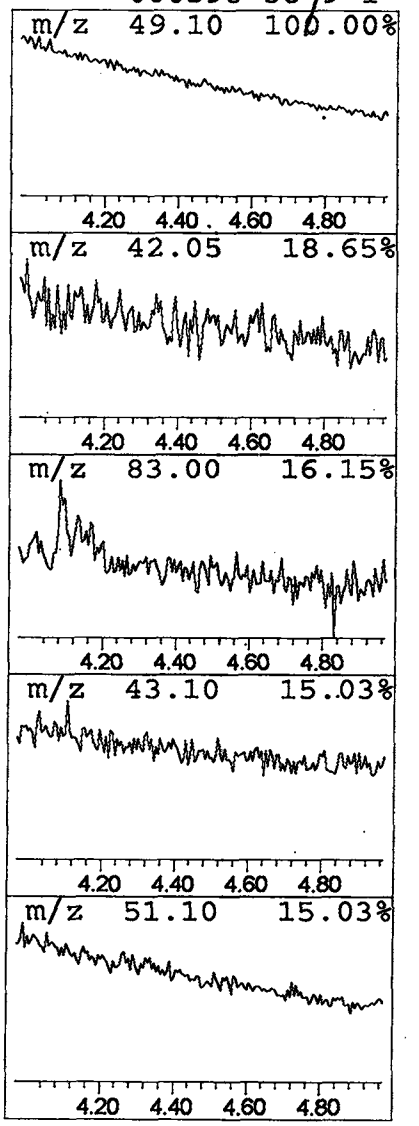
Peak Number 9 Acetic acid, chloro-, ethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.47	0.45 ug/L	276837	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	2
3	2-Chloroethanol	80	C2H5ClO	000107-07-3	1
4	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	1





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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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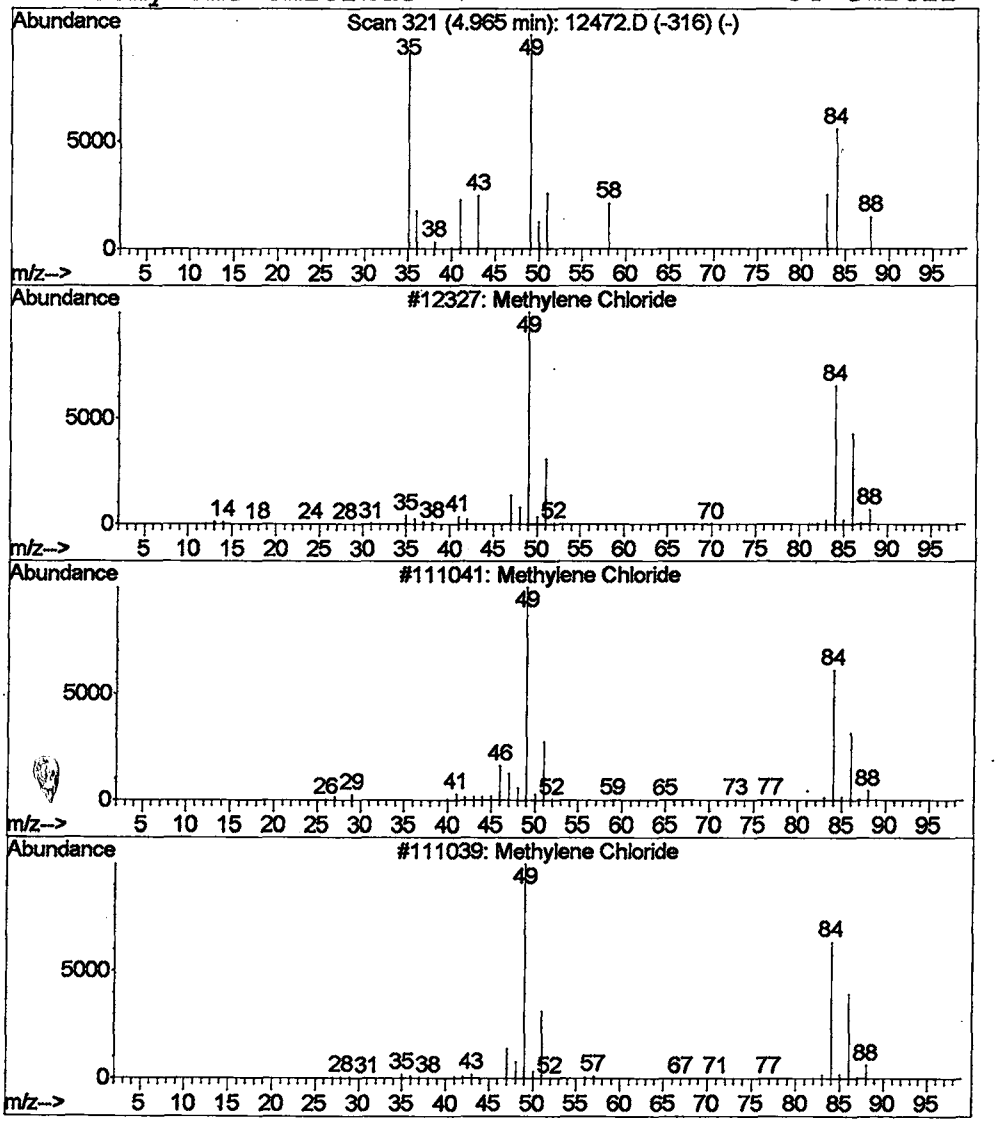
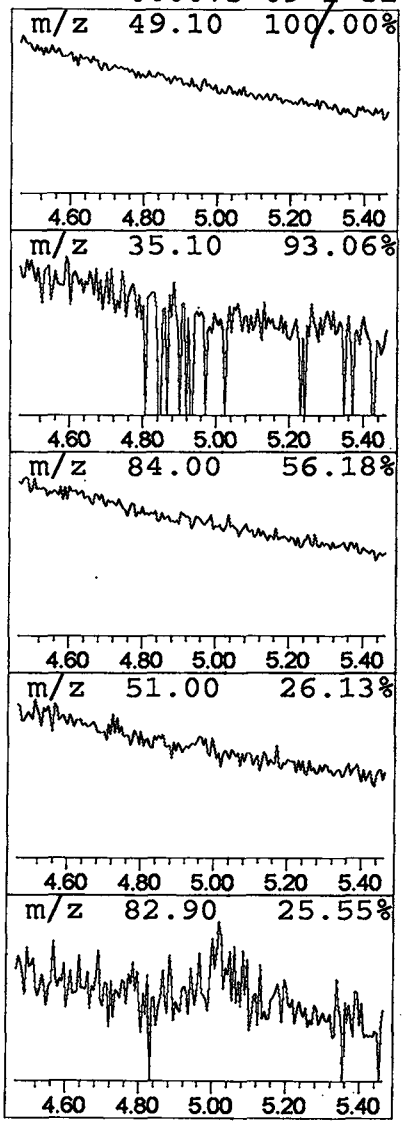
Peak Number 10 Methylene Chloride Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	0.25 ug/L	154686	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	32
2	Methylene Chloride	84	CH2Cl2	000075-09-2	32
3	Methylene Chloride	84	CH2Cl2	000075-09-2	32
4	Methylene Chloride	84	CH2Cl2	000075-09-2	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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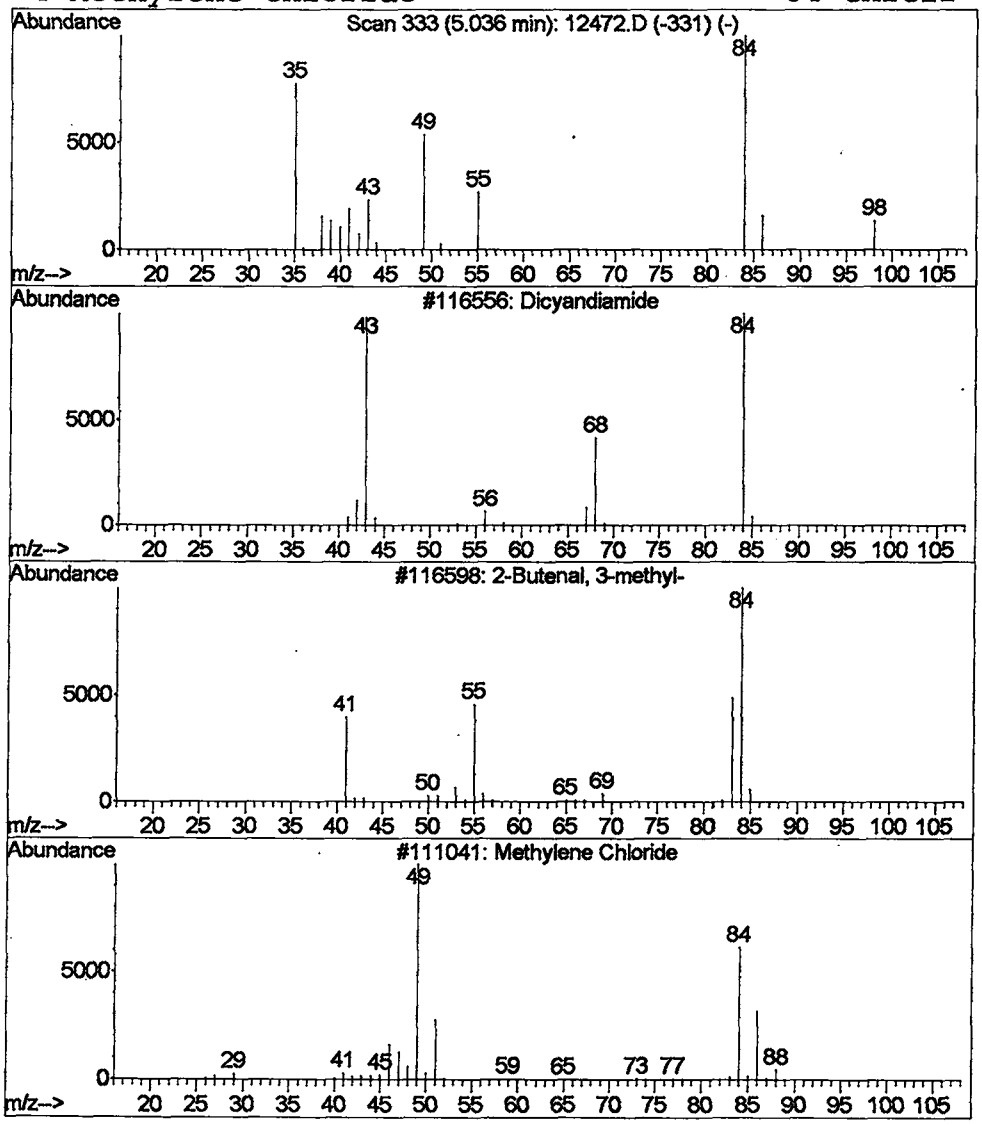
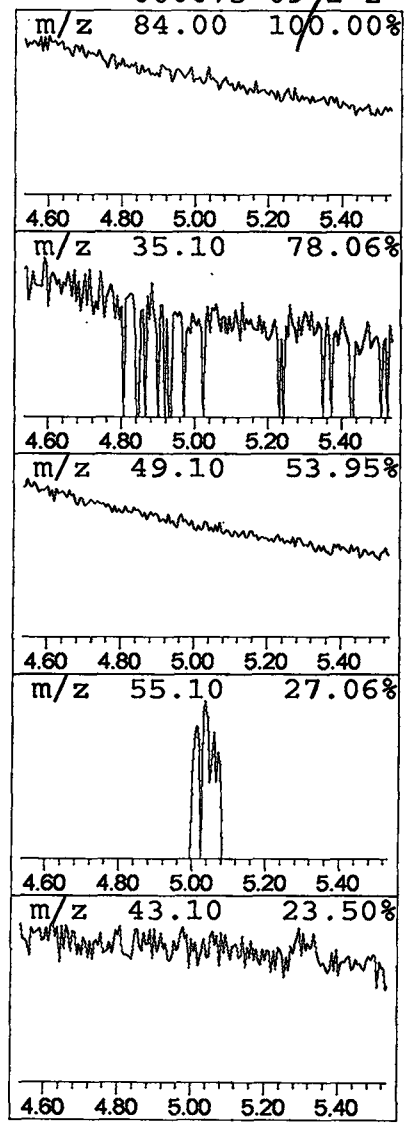
Peak Number 11 Dicyandiamide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	0.31 ug/L	187939	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyandiamide	84	C2H4N4	000461-58-5	4
2	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	3
3	Methylene Chloride	84	CH2Cl2	000075-09-2	2
4	Methylene Chloride	84	CH2Cl2	000075-09-2	2





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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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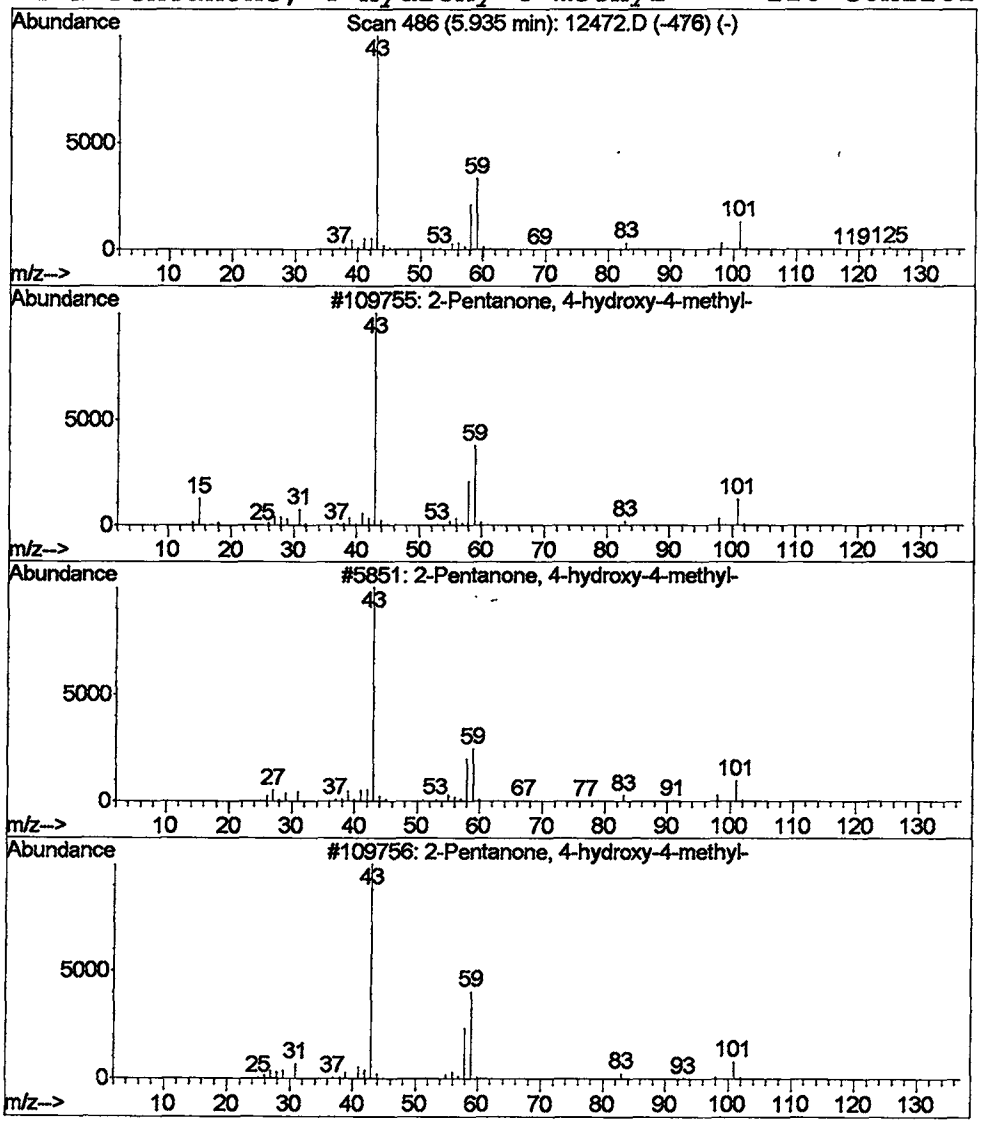
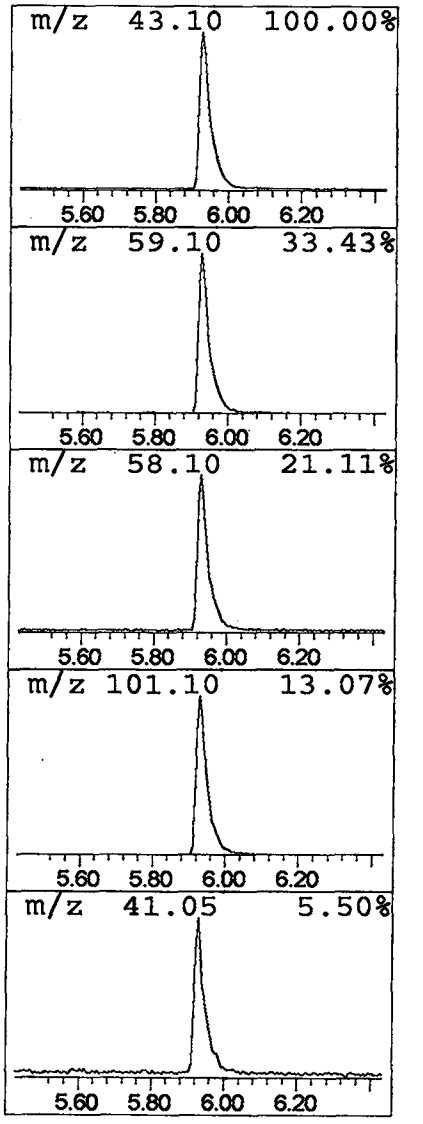
Peak Number 12 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	12.51 ug/L	7689720	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	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50





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Operator: McLean
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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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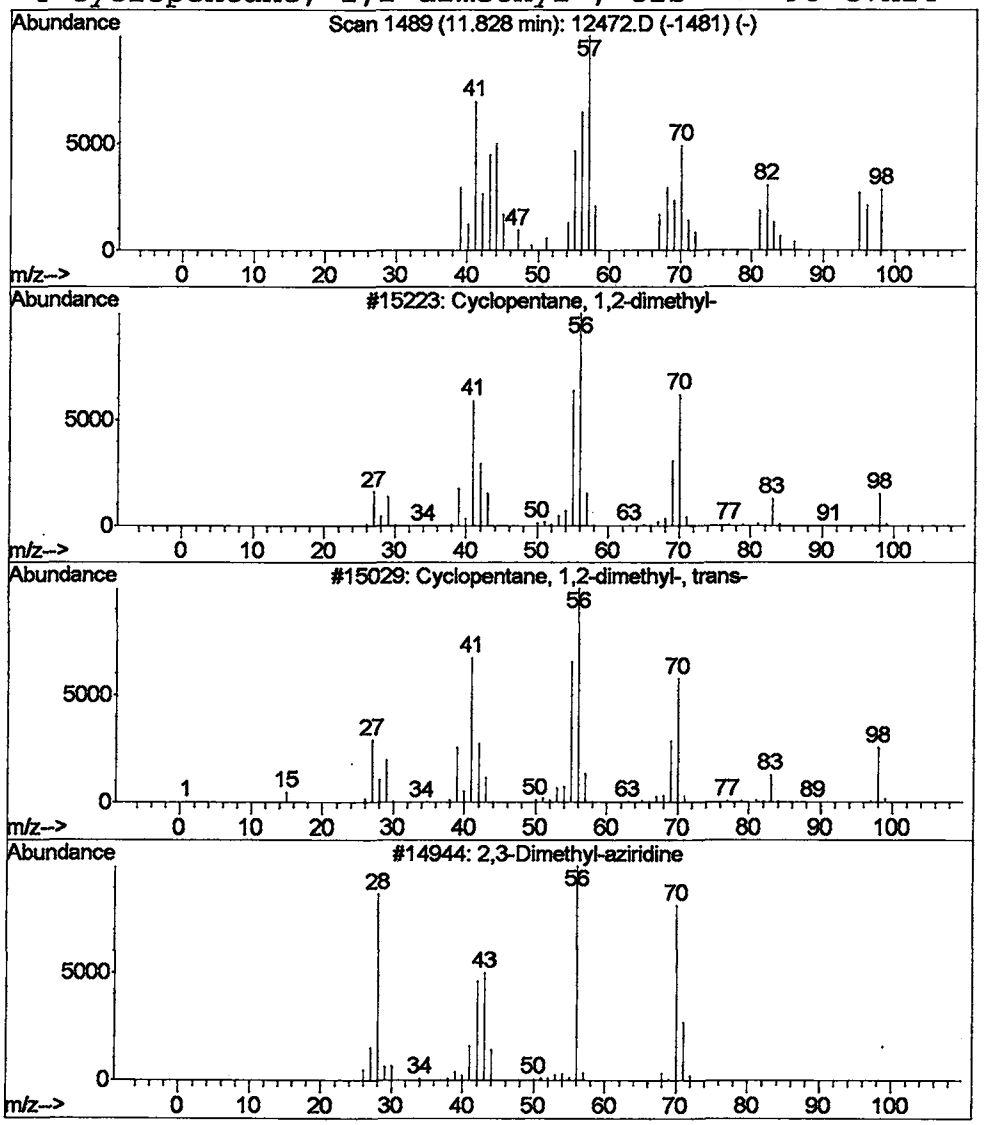
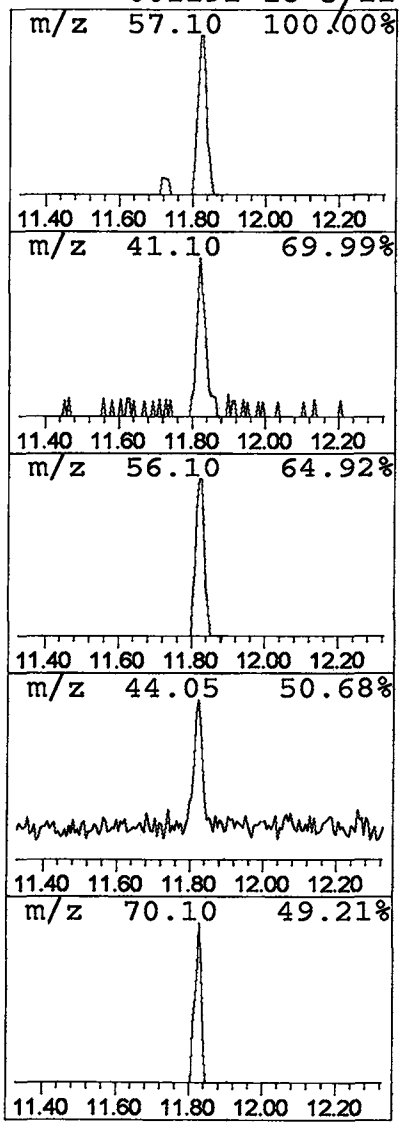
Peak Number 13 Cyclopentane, 1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	0.30 ug/L	253172	Napthalene-d8	13.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	30
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	27
3	2,3-Dimethyl-aziridine	71	C4H9N	002549-68-0	22
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	22





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Sample : 5/24 ad 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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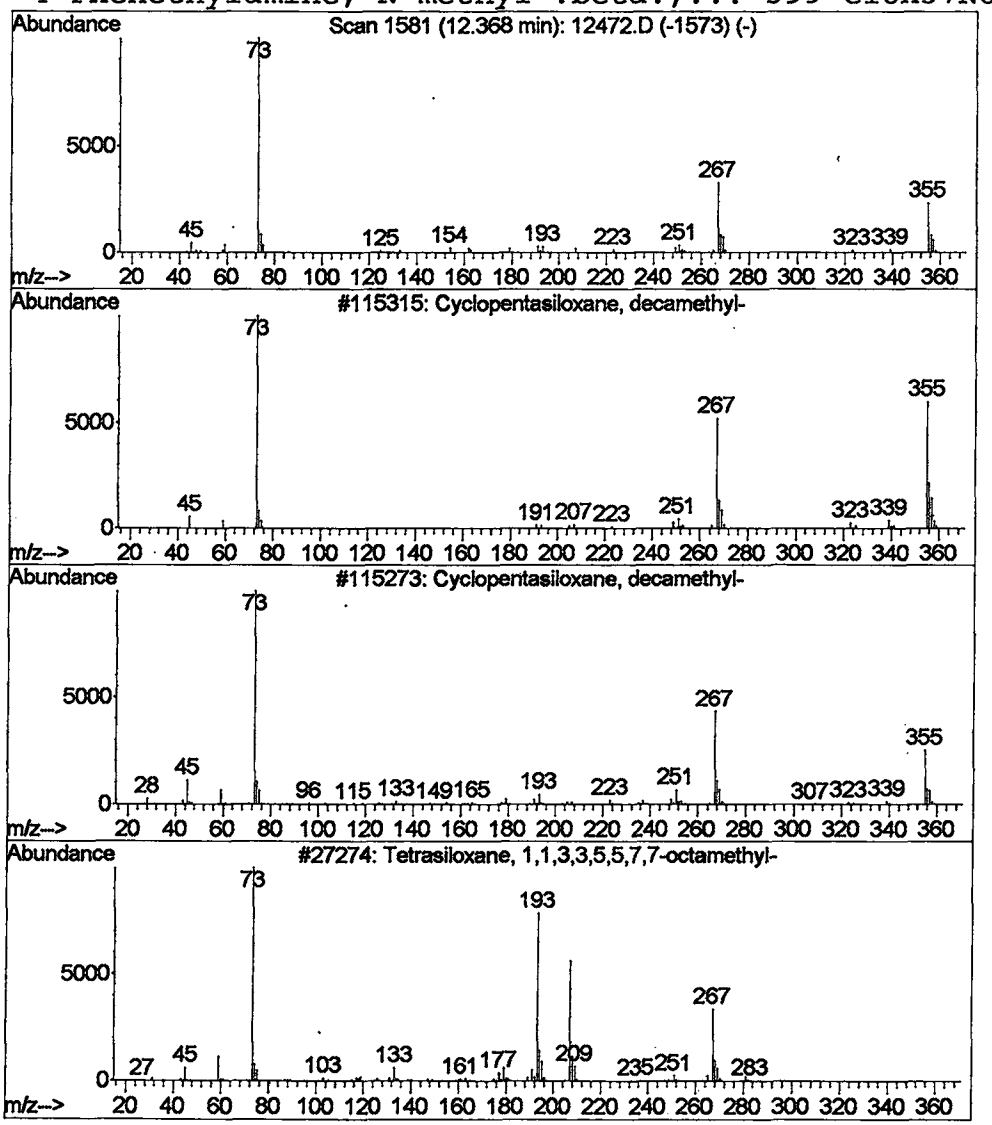
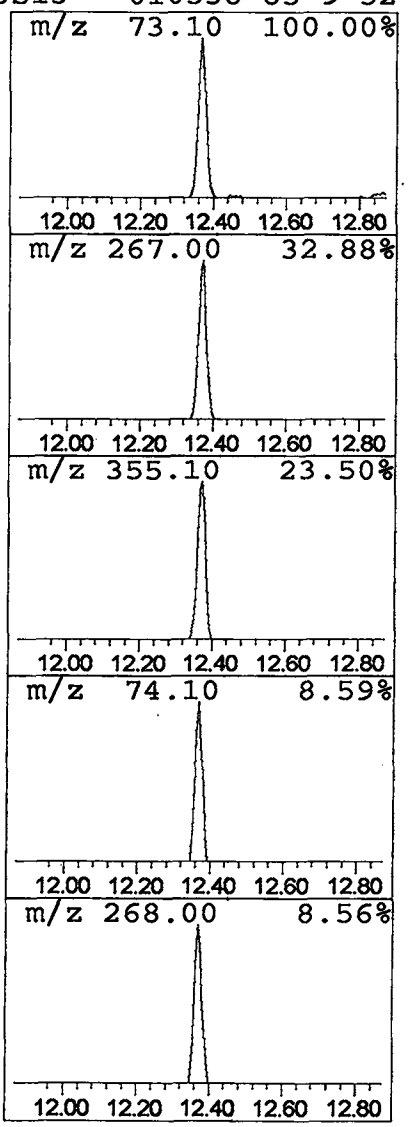
Peak Number 14 Cyclopentasiloxane, decamet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	0.69 ug/L	579652	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	50
3	Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	33
4	Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	32





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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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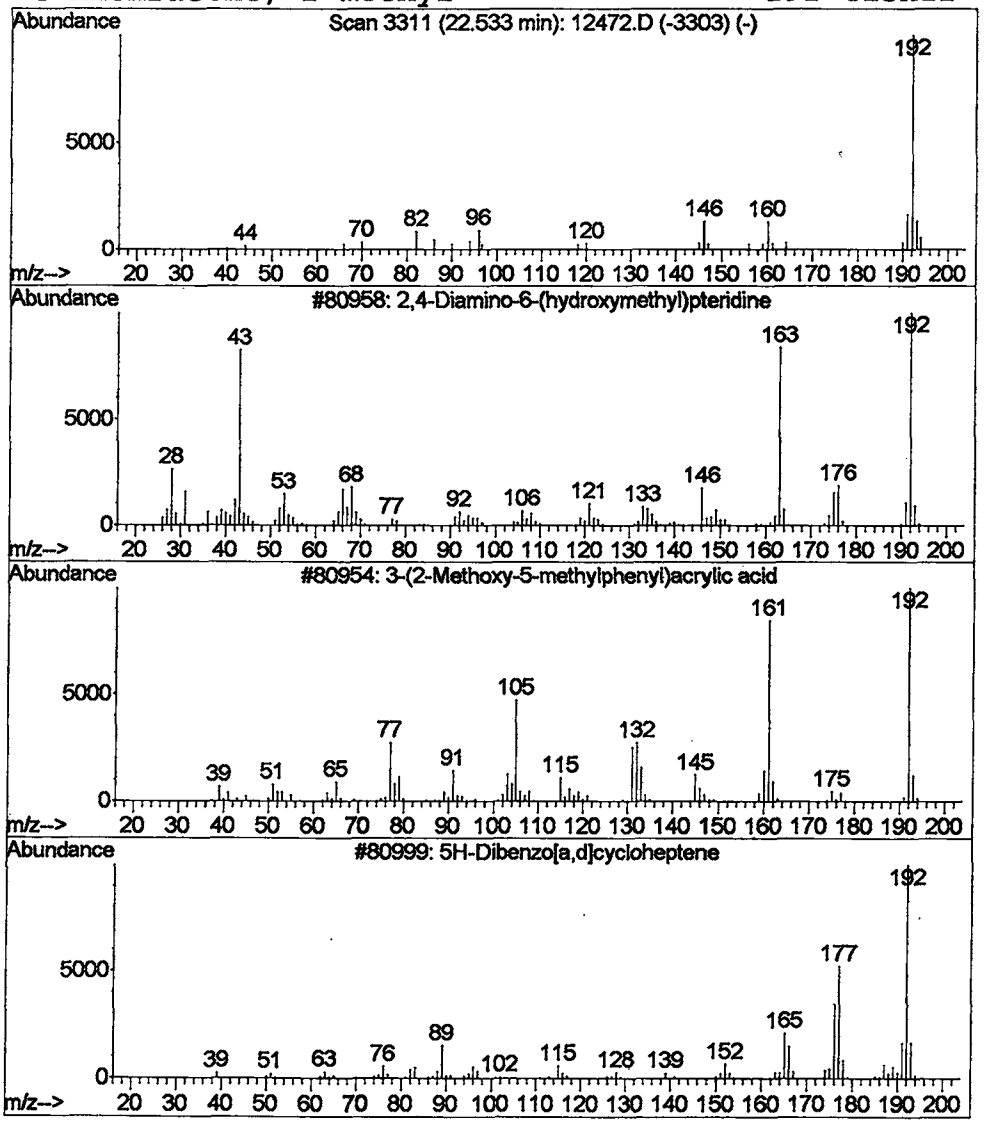
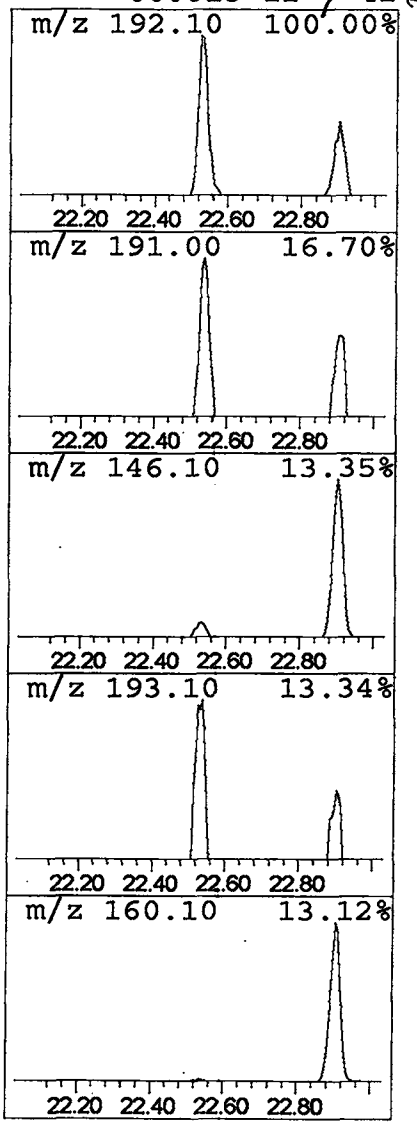
Peak Number 15 2,4-Diamino-6-(hydroxymethy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	0.26 ug/L	238443	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	59
2	3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	53
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	45
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42





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Sample : 5/24 ad Inst : Instrumen
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MS Integration Params: LSCINT.e

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

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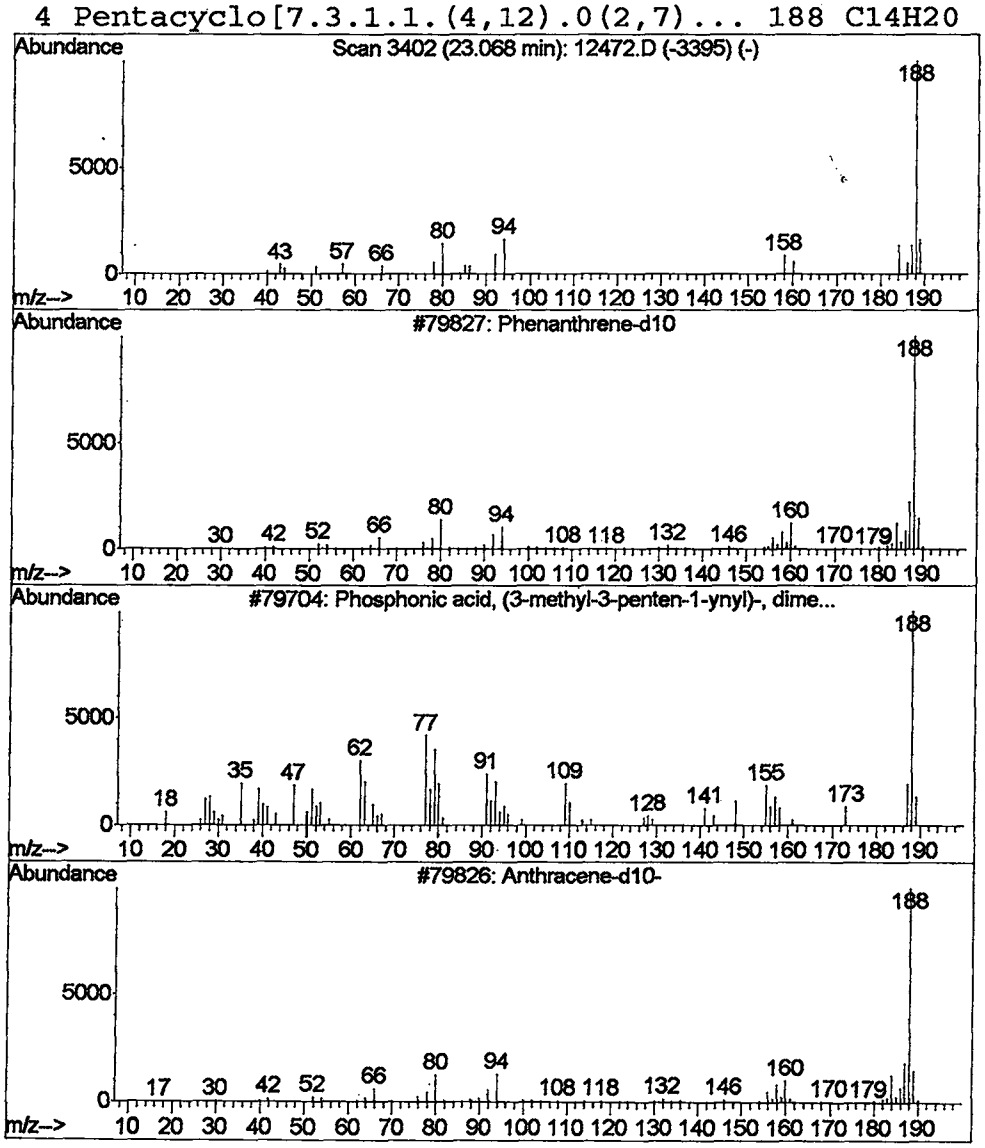
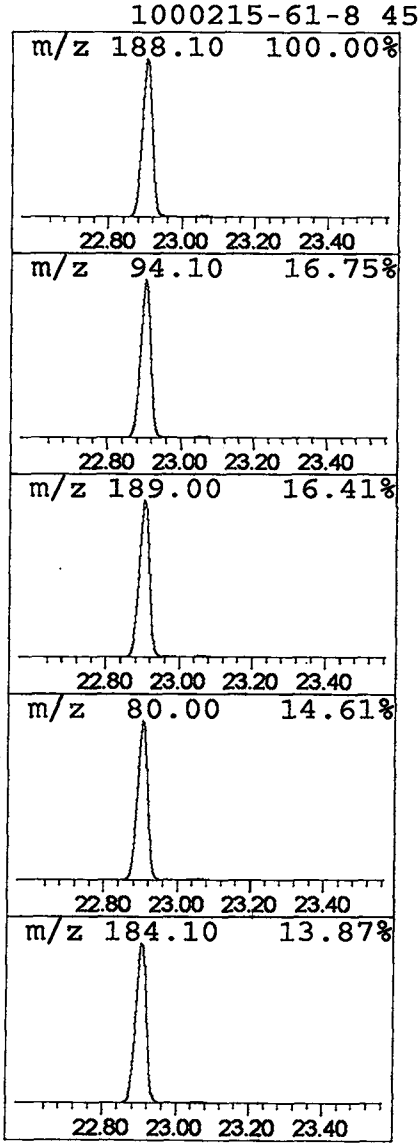
Peak Number 16 Phenanthrene-d10 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	0.27 ug/L	255590	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	72
2	Phosphonic acid, (3-methyl-3-pen...	188	C8H13O3P	022152-34-7	59
3	Anthracene-d10-	188	C14D10	001719-06-8	50
4	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	45





Tentatively Identified Compound (TIC) Summary

Operator ID: McLean Date Acquired: 28 May 2002 9:38 pm
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Name: 5/24 ad
Misc:
Method: C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title: 508 Modified GC/MS scan
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Acetonitrile, dic...	3.55	0.3	ug/L	205250	1	9.90	24587800	40.0
Methylene Chloride	3.72	3.5	ug/L	2151890	1	9.90	24587800	40.0
Piperidine	3.77	1.0	ug/L	609867	1	9.90	24587800	40.0
Ethyl Chloride	3.79	4.0	ug/L	2441640	1	9.90	24587800	40.0
2-Amino-oxazole	3.92	1.0	ug/L	597665	1	9.90	24587800	40.0
Dicyandiamide	3.95	2.4	ug/L	1500510	1	9.90	24587800	40.0
Cyclobutene, 2-pr...	4.27	1.4	ug/L	885349	1	9.90	24587800	40.0
1-Buten-3-yne, 1-...	4.34	1.0	ug/L	604434	1	9.90	24587800	40.0
Acetic acid, chlo...	4.47	0.5	ug/L	276837	1	9.90	24587800	40.0
Methylene Chloride	4.96	0.3	ug/L	154686	1	9.90	24587800	40.0
Dicyandiamide	5.04	0.3	ug/L	187939	1	9.90	24587800	40.0
2-Pentanone, 4-hy...	5.93	12.5	ug/L	7689720	1	9.90	24587800	40.0
Cyclopentane, 1,2...	11.83	0.3	ug/L	253172	2	13.39	33451900	40.0
Cyclopentasiloxan...	12.37	0.7	ug/L	579652	2	13.39	33451900	40.0
2,4-Diamino-6-(hy...	22.53	0.3	ug/L	238443	4	22.91	37260800	40.0
Phenanthrene-d10	23.07	0.3	ug/L	255590	4	22.91	37260800	40.0