User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/04/2002 Time: 15:18:07

Sample: AE11930
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/4/02 15:16 Ended: 6/4/02 15:16 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		99		10.0

Comments for Sample AE11930 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-04-2002 Time: 15:18:43

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052302\11930.D Vial: 10
Acq On : 23 May 2002 5:18 pm Operator: Mclean
Sample : 5/22ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 29 09:45:12 2002 Quant Results File: 052202.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.90	152	3955514	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	15685069	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.53	164	8640293	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	13068159	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	7682898	40.00	ug/L	-0.05
43) Perylene-d12	34.66	264	3728088	40.00	ug/L	-0.02
System Monitoring Compounds						
27) TCMX	20.50	209	1581903	39.67	ug/L	0.00
Spiked Amount 40.000			Recovery = 99.17%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	0.00	74	0	N.D. d		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'oxybis(1-Chloropropane	0.00	45	0	N.D.		
8) N-nitroso-di-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	13.40	93	-2137	Below Cal	#	1
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Napthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) 2-Chloronaphthalene	0.00	162	0	N.D.		
19) Dimethylphthalate	0.00	163	0	N.D.		
20) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
21) Acenapthylene	0.00	152	0	N.D.		
22) Acenapthalene	0.00	153	0	N.D.		
23) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
24) Diethylphthalate	0.00	149	0	N.D.		
25) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
26) Fluorene	0.00	166	0	N.D.		
28) Azobenzene	20.50	77	27985	N.D.		
30) Nnitrosodiphenylamine	20.50	169	28382	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)

Data File : C:\MSDCHEM\1\DATA\052302\11930.D Vial: 10
Acq On : 23 May 2002 5:18 pm Operator: Mclean
Sample : 5/22ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 29 09:45:12 2002 Quant Results File: 052202.RES

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

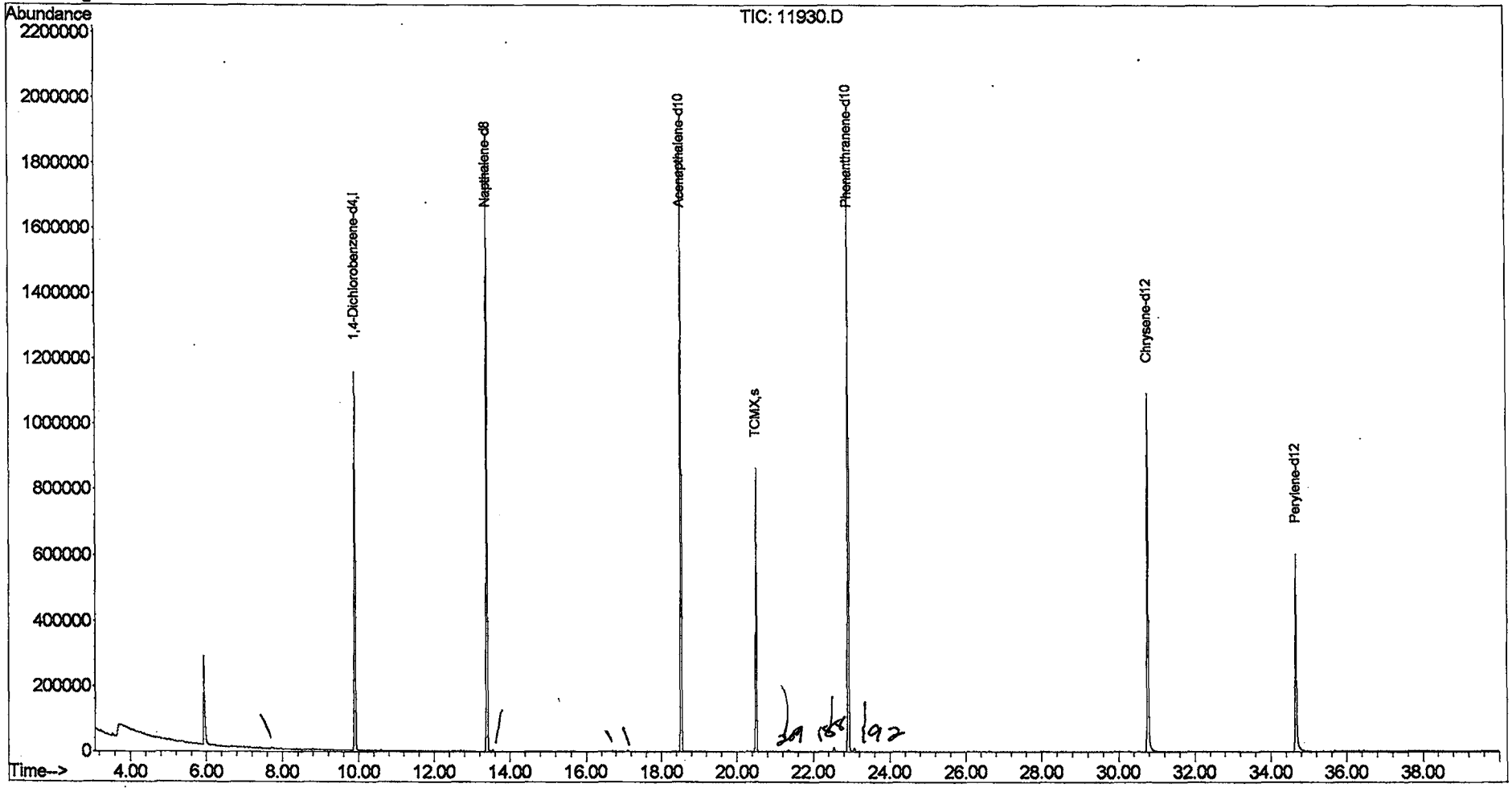
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	0.00	202	0	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	0.00	228	0	N.D.	
41)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
42)	Chrysene	0.00	228	0	N.D.	
44)	Di-n-octylphthalate	0.00	149	0	N.D.	
45)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
46)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(a)pyrene	0.00	252	0	N.D.	
48)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
49)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
50)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052302\11930.D Vial: 10
Acq On : 23 May 2002 5:18 pm Operator: Mclean
Sample : 5/22ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 29 9:49 2002 Quant Results File: 052202.RES

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



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052302\11930.D
Acq On : 23 May 2002 5:18 pm
Sample : 5/22ad
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

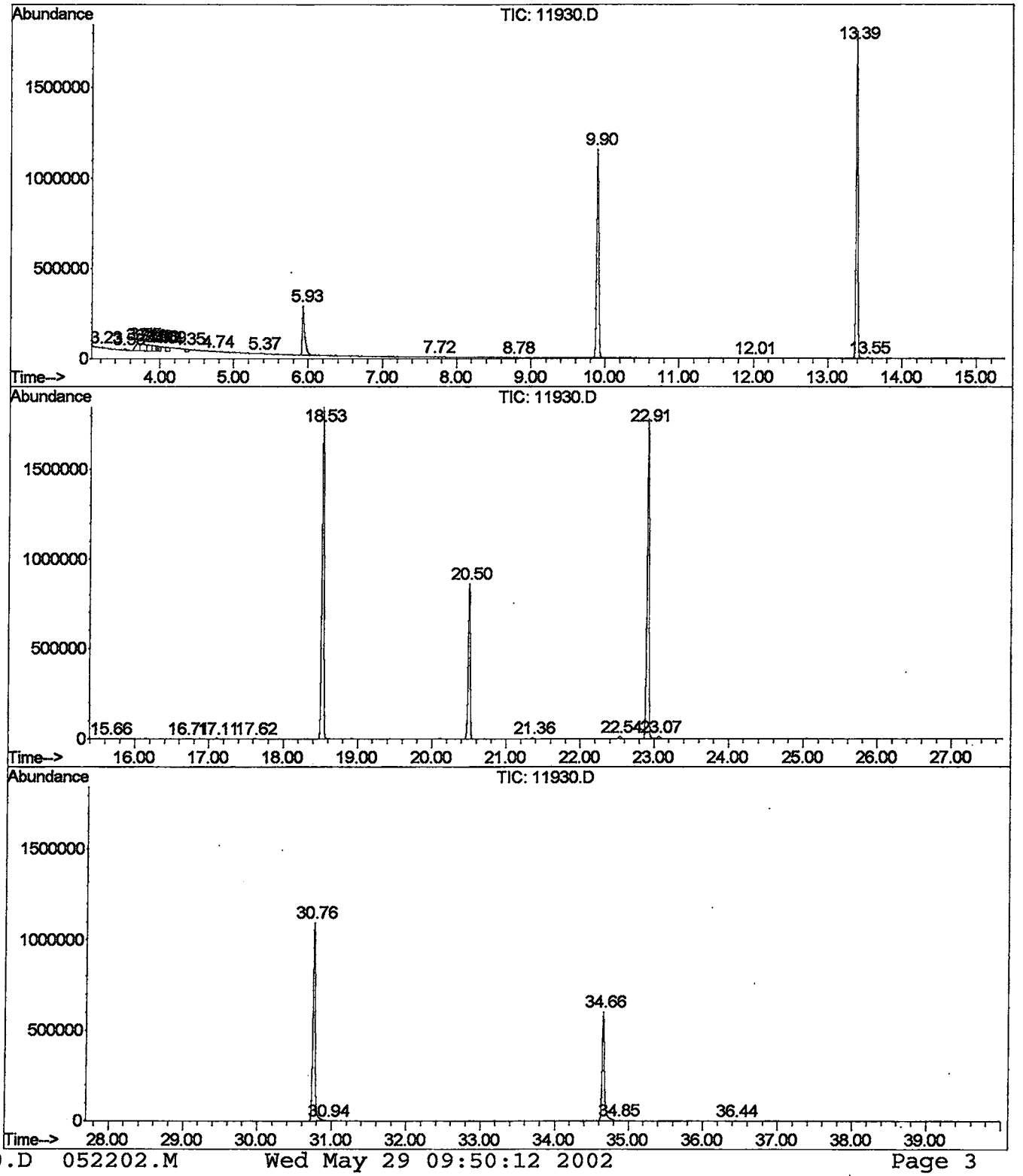
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.226	21	25	34	PV 5	4364	92056	0.26%	0.047%
2	3.537	73	78	93	PV 6	7456	173063	0.49%	0.089%
3	3.714	93	108	111	PV 5	37209	1539888	4.33%	0.792%
4	3.749	111	114	126	VV 7	38052	1908707	5.37%	0.981%
5	3.831	126	128	139	VV 7	32700	1352595	3.81%	0.695%
6	3.902	139	140	148	VV 4	30273	974476	2.74%	0.501%
7	3.961	148	150	151	VV 2	27527	303767	0.86%	0.156%
8	3.978	151	153	155	VV 3	26861	309665	0.87%	0.159%
9	3.996	155	156	159	VV 3	24853	388087	1.09%	0.199%
10	4.084	170	171	180	VV 7	22766	738615	2.08%	0.380%
11	4.348	215	216	224	VV 5	14390	400309	1.13%	0.206%
12	4.736	280	282	292	VV 7	2918	80821	0.23%	0.042%
13	5.371	387	390	394	VV 5	2880	49008	0.14%	0.025%
14	5.929	479	485	513	PV	267506	6049787	17.03%	3.110%
15	7.715	783	789	799	PV 9	3184	87331	0.25%	0.045%
16	8.784	964	971	975	PV 6	1758	39420	0.11%	0.020%
17	9.901	1151	1161	1172	PV	1141596	23505615	66.17%	12.082%
18	12.004	1514	1519	1527	PV 7	1687	35995	0.10%	0.019%
19	13.391	1743	1755	1774	VV	1769169	31890096	89.77%	16.392%
20	13.544	1774	1781	1796	VV 2	4786	93369	0.26%	0.048%
21	15.659	2137	2141	2145	VV 3	1844	27210	0.08%	0.014%
22	16.711	2313	2320	2332	PV 5	2454	47009	0.13%	0.024%
23	17.110	2384	2388	2399	PV 3	3775	63872	0.18%	0.033%
24	17.621	2471	2475	2482	VV 4	1924	30068	0.08%	0.015%
25	18.532	2619	2630	2649	PV	1828428	35278608	99.31%	18.134%
26	20.506	2951	2966	2976	PV	853583	15616772	43.96%	8.027%
27	21.358	3105	3111	3123	PV 4	5747	92076	0.26%	0.047%
28	22.539	3302	3312	3323	PV 3	12123	231618	0.65%	0.119%
29	22.915	3365	3376	3395	VV 2	1777471	35523135	100.00%	18.260%
30	23.068	3395	3402	3411	VV 3	11517	244946	0.69%	0.126%
31	30.759	4701	4711	4741	PV 2	1086761	23570313	66.35%	12.116%
32	30.947	4741	4743	4747	VV 3	1753	19587	0.06%	0.010%
33	34.655	5363	5374	5406	PV 2	594449	13625317	38.36%	7.004%
34	34.854	5406	5408	5419	VV 7	3809	115203	0.32%	0.059%
35	36.441	5672	5678	5687	PV 4	1662	46046	0.13%	0.024%

Sum of corrected areas: 194544451

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052302\11930.D
Operator : Mclean
Acquired : 23 May 2002 5:18 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/22ad
Misc Info :
Vial Number: 10
Quant File :052202.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11930.D Vial: 10
Acq On : 23 May 2002 5:18 pm Operator: Mclean
Sample : 5/22ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

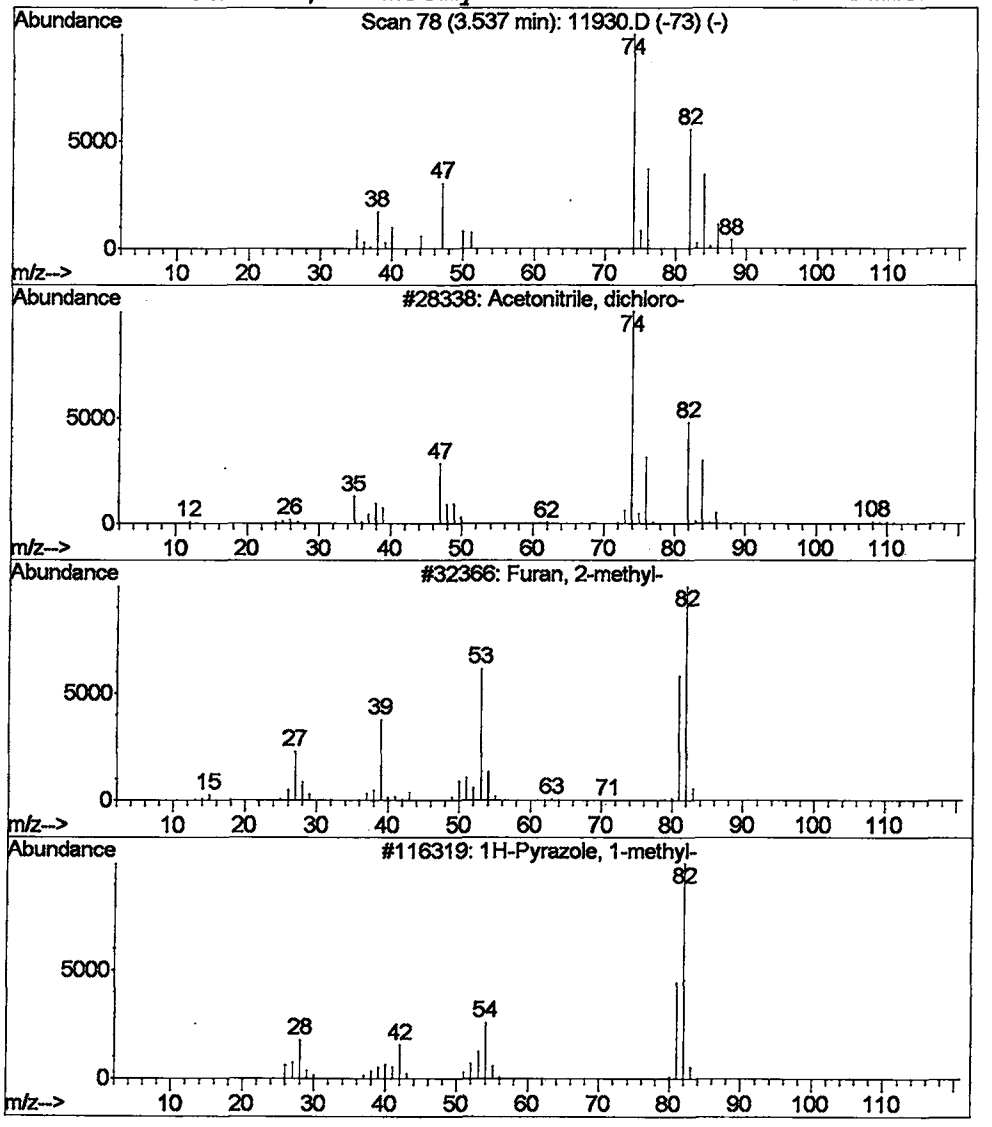
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

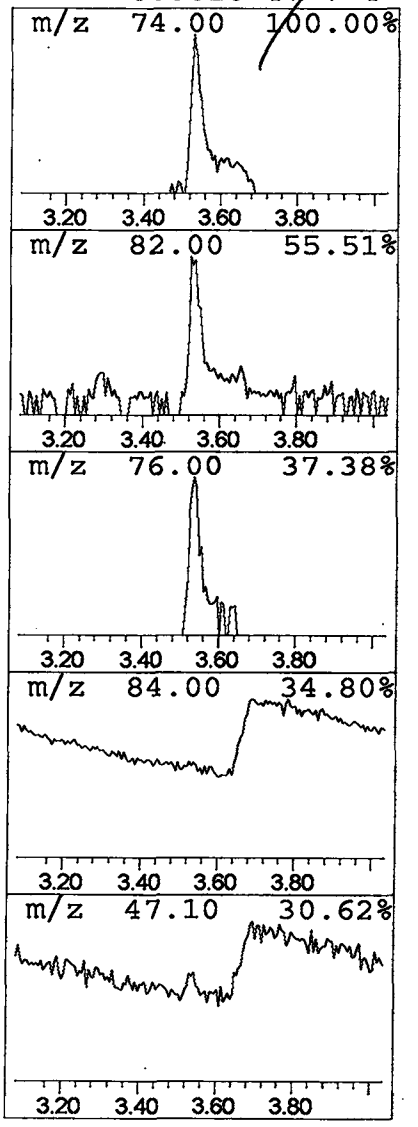
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	0.29 ug/L	173063	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
2	Furan, 2-methyl-	82	C5H6O	000534-22-5	7
3	1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	5
4	1H-Imidazole, 1-methyl-	82	C4H6N2	000616-47-7	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11930.D
Acq On : 23 May 2002 5:18 pm
Sample : 5/22ad
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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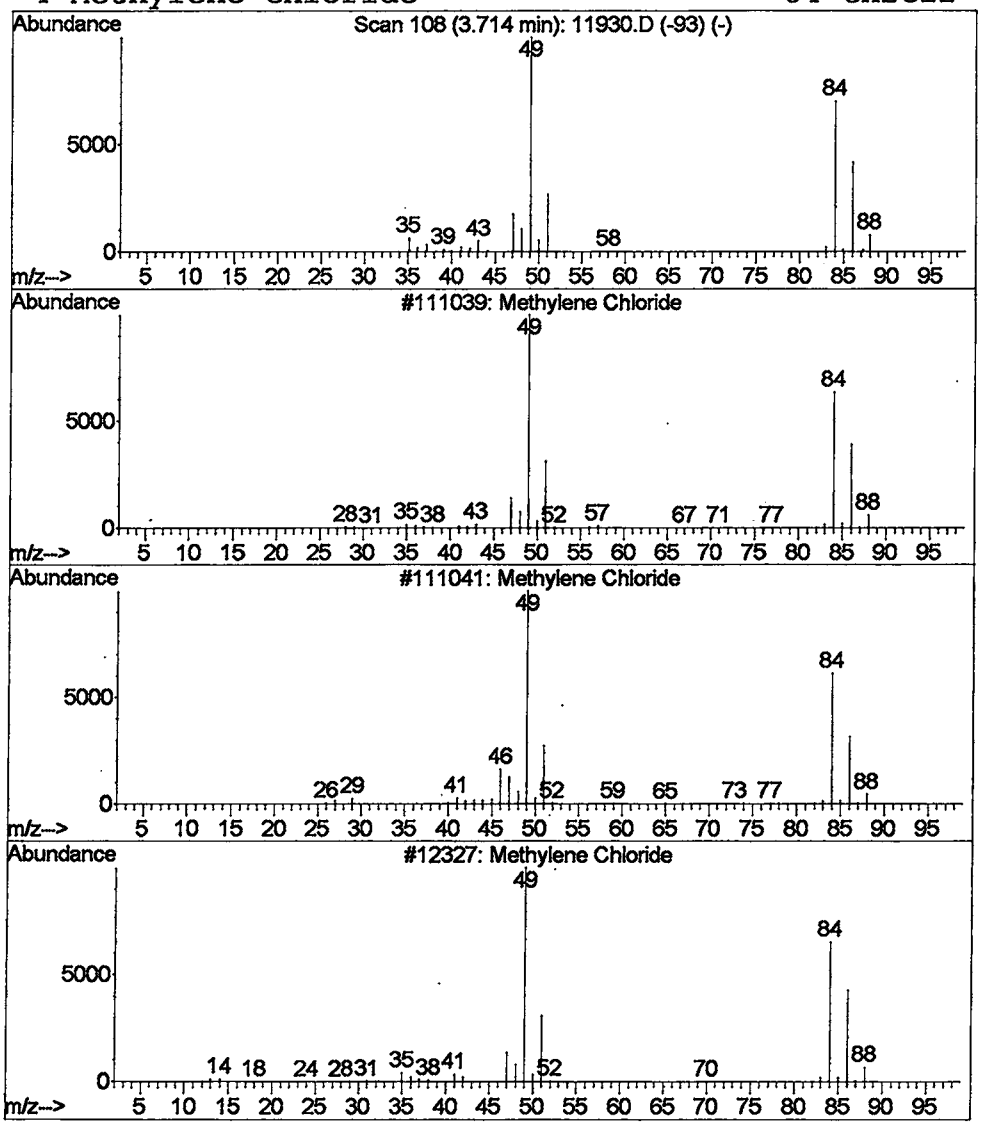
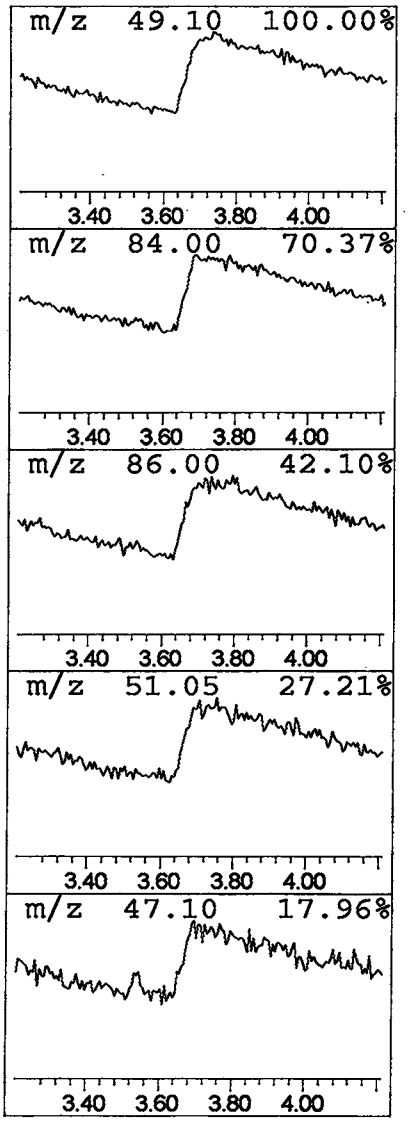
Peak Number 2 Methylene Chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	2.62 ug/L	1539890	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	64





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11930.D Vial: 10
Acq On : 23 May 2002 5:18 pm Operator: Mclean
Sample : 5/22ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

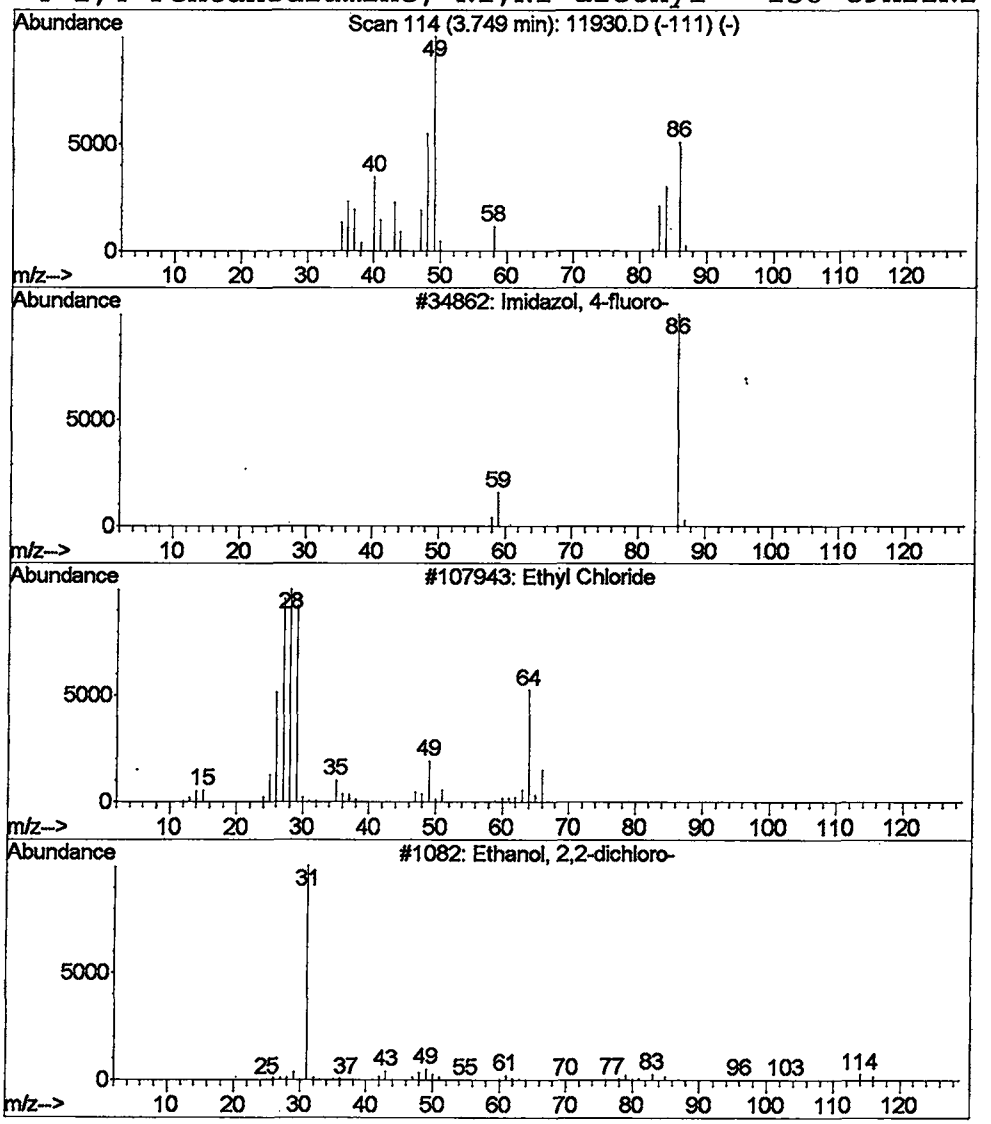
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

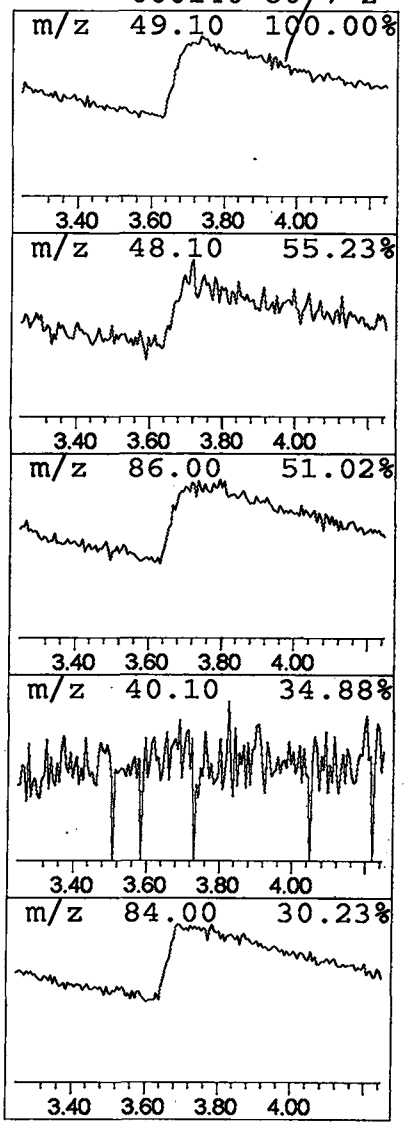
****

Peak Number 3 Imidazol, 4-fluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	3.25 ug/L	1908710	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazol, 4-fluoro-	86	C3H3FN2	030086-17-0	4
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
3	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	2
4	1,4-Pentanediamine, N1,N1-diethyl-	158	C9H22N2	000140-80-7	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11930.D
Acq On : 23 May 2002 5:18 pm
Sample : 5/22ad
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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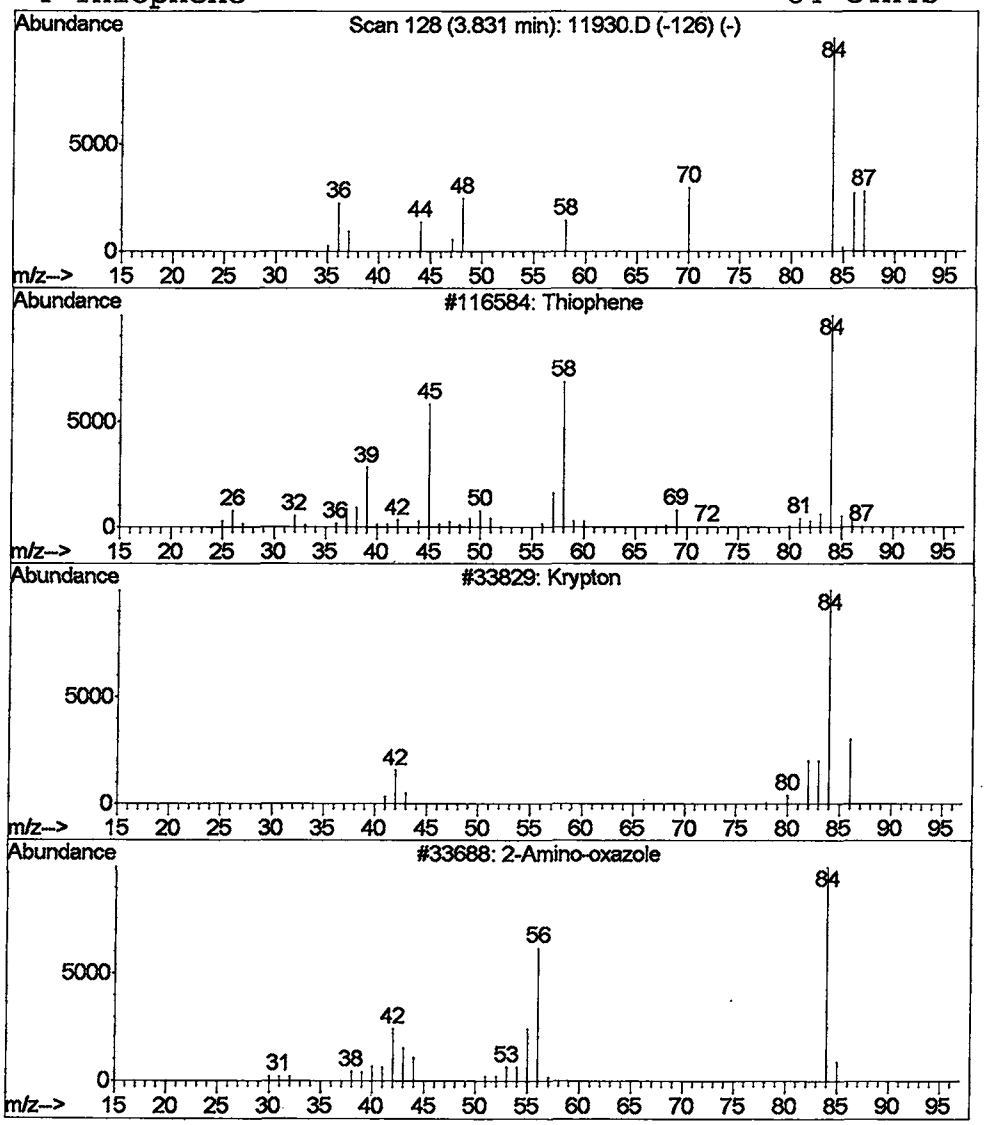
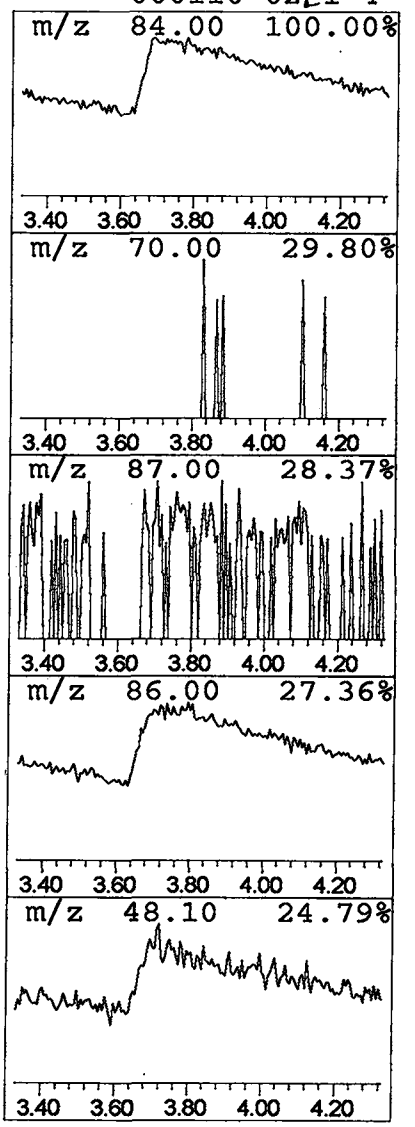
Peak Number 4 Thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	2.30 ug/L	1352590	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	7
2	Krypton	84	Kr	007439-90-9	5
3	2-Amino-oxazole	84	C3H4N2O	1000144-64-0	4
4	Thiophene	84	C4H4S	000110-02-1	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11930.D
Acq On : 23 May 2002 5:18 pm
Sample : 5/22ad
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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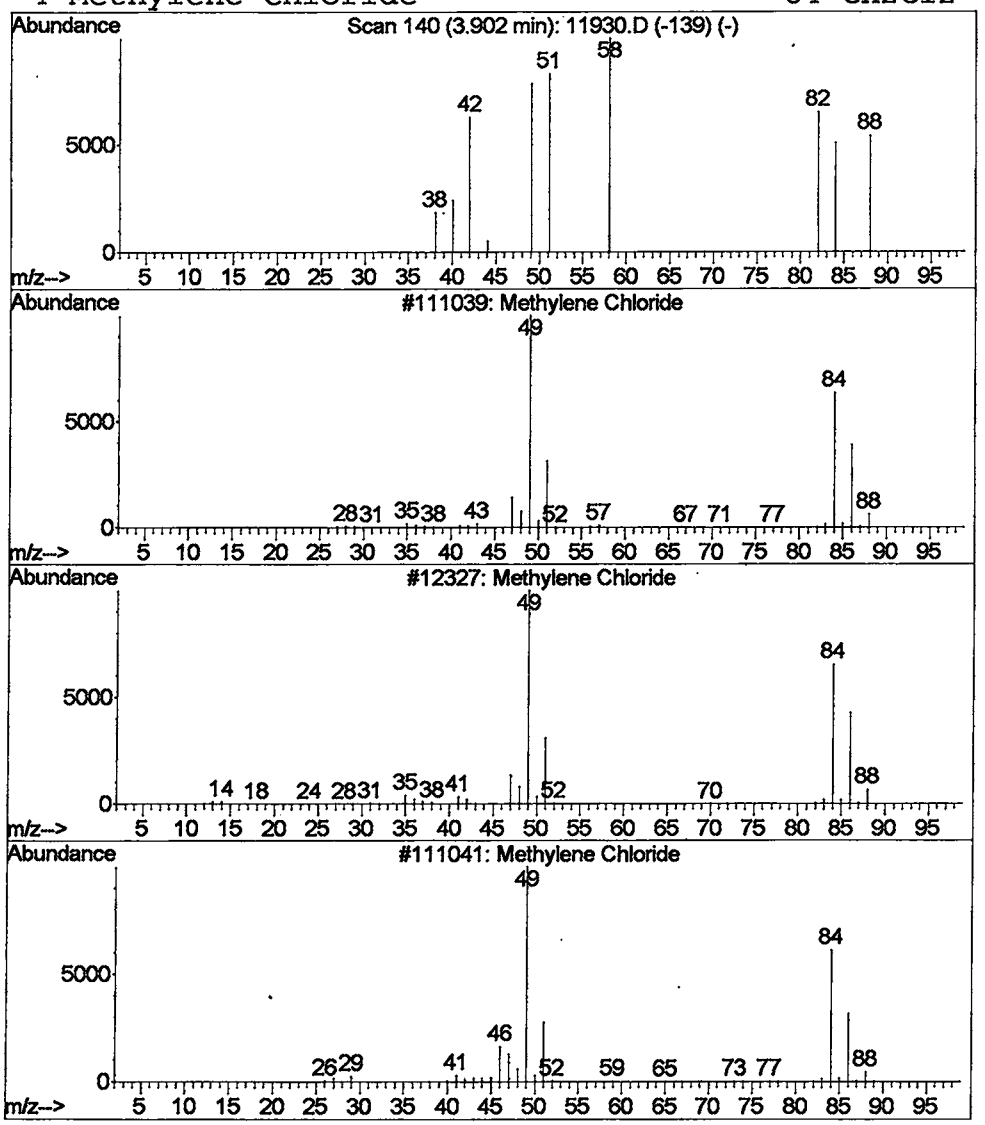
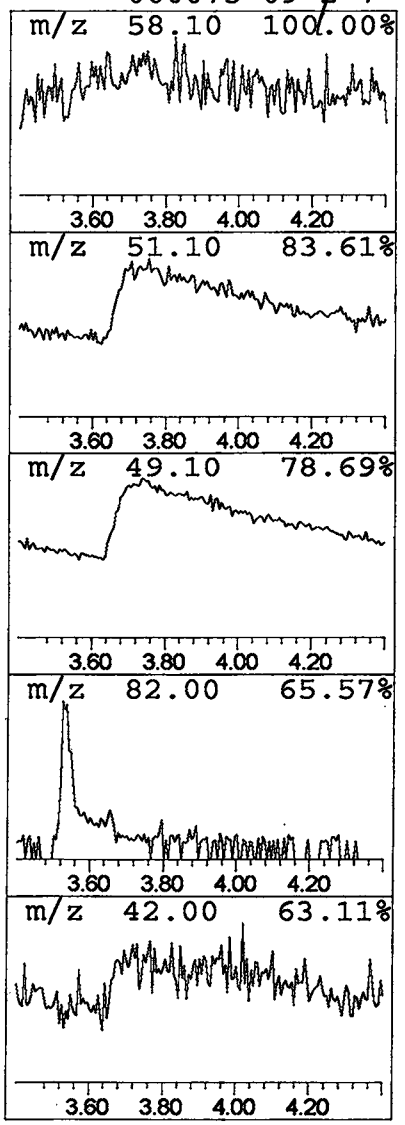
Peak Number 5 Methylene Chloride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	1.66 ug/L	974476	1,4-Dichlorobenzene-d4	9.90

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





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11930.D
Acq On : 23 May 2002 5:18 pm
Sample : 5/22ad
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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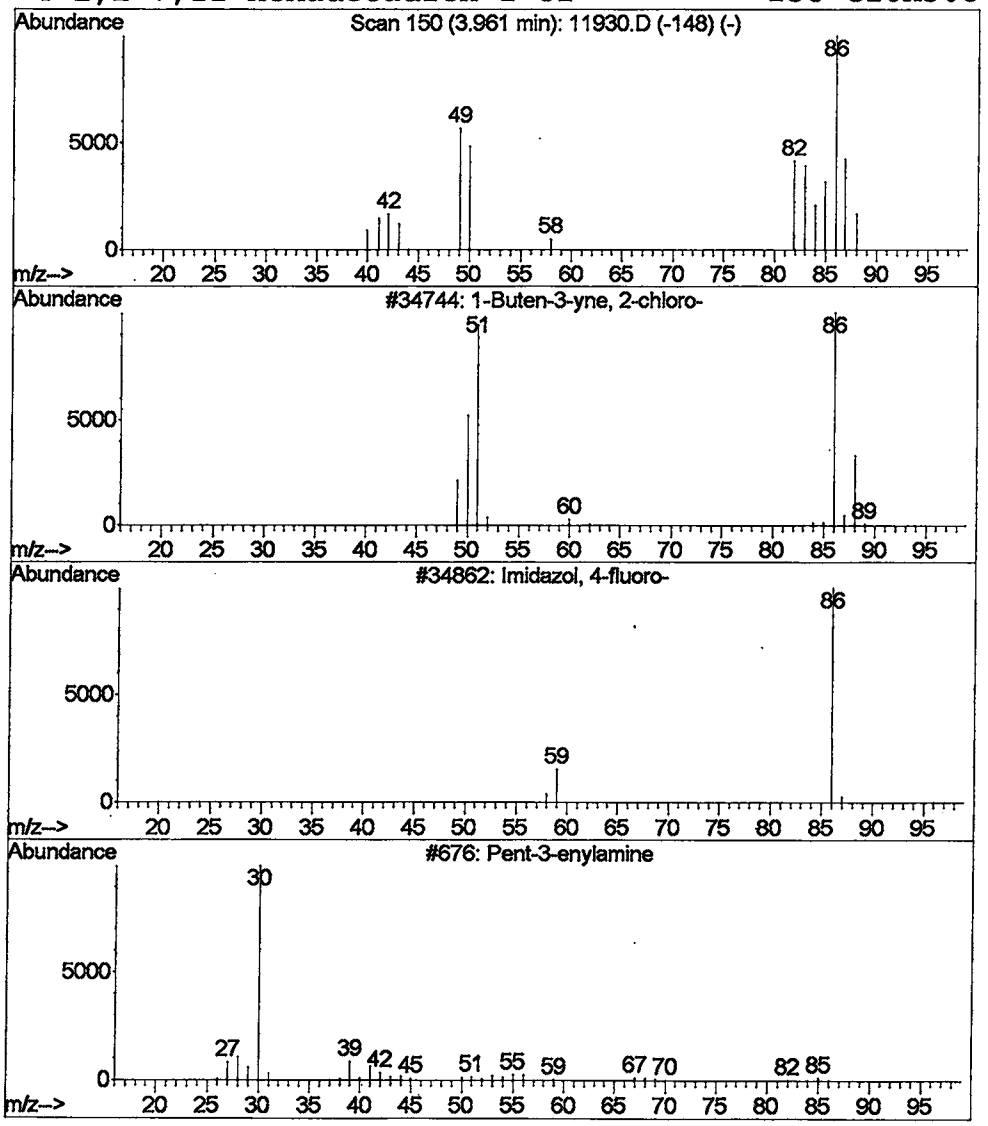
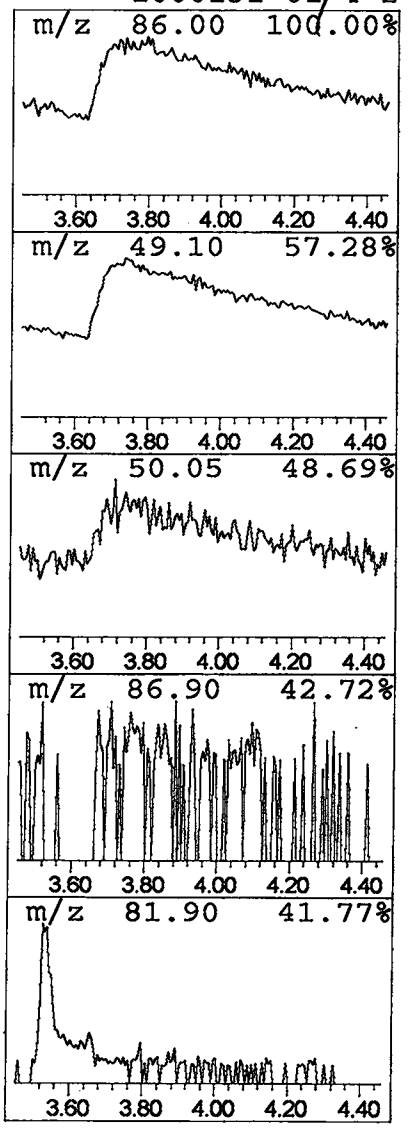
Peak Number 6 1-Buten-3-yne, 2-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	0.52 ug/L	303767	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Buten-3-yne, 2-chloro-	86	C4H3Cl	017712-36-6	5
2	Imidazol, 4-fluoro-	86	C3H3FN2	030086-17-0	4
3	Pent-3-enylamine	85	C5H11N	087156-70-5	2
4	Z,Z-7,11-Hexadecadien-1-ol	238	C16H30O	1000131-01-4	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11930.D
Acq On : 23 May 2002 5:18 pm
Sample : 5/22ad
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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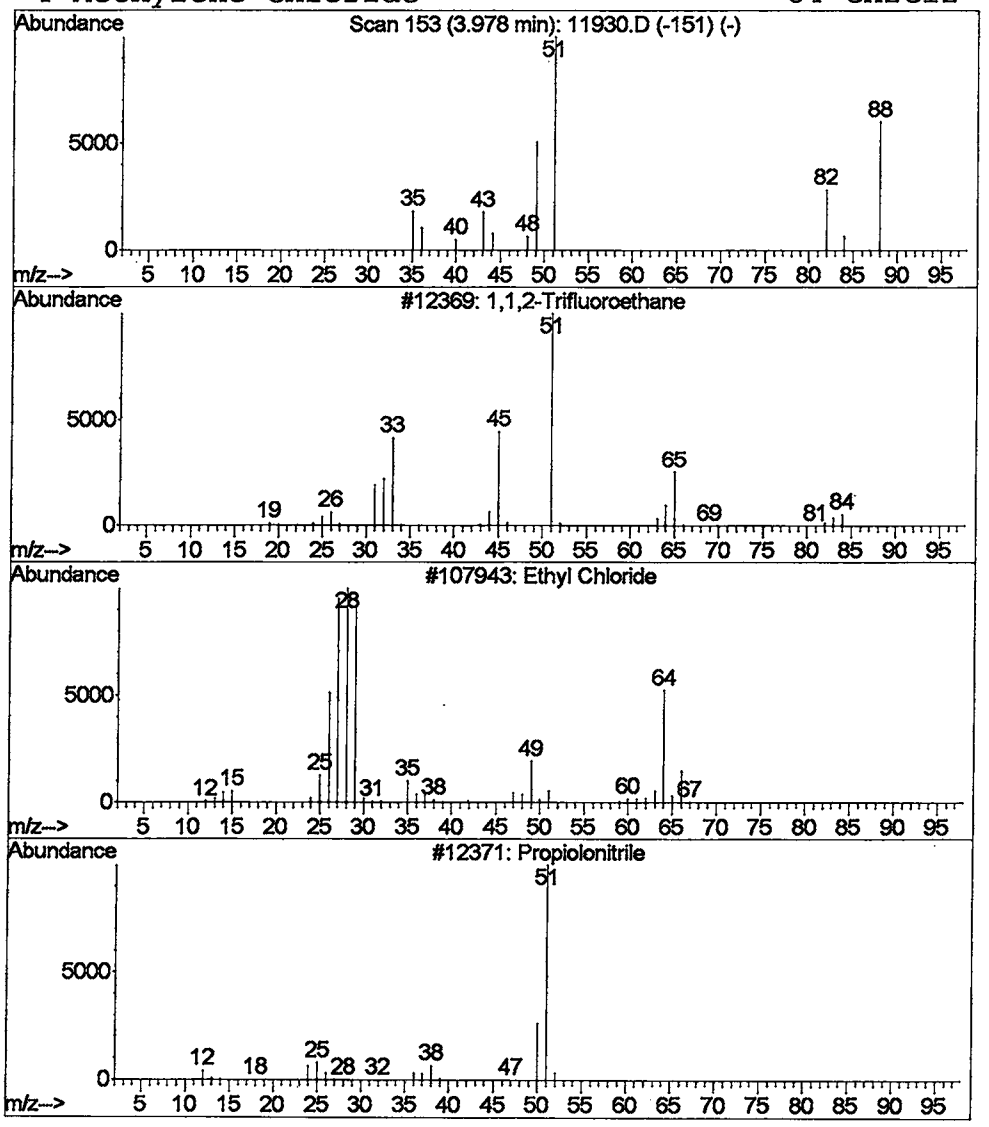
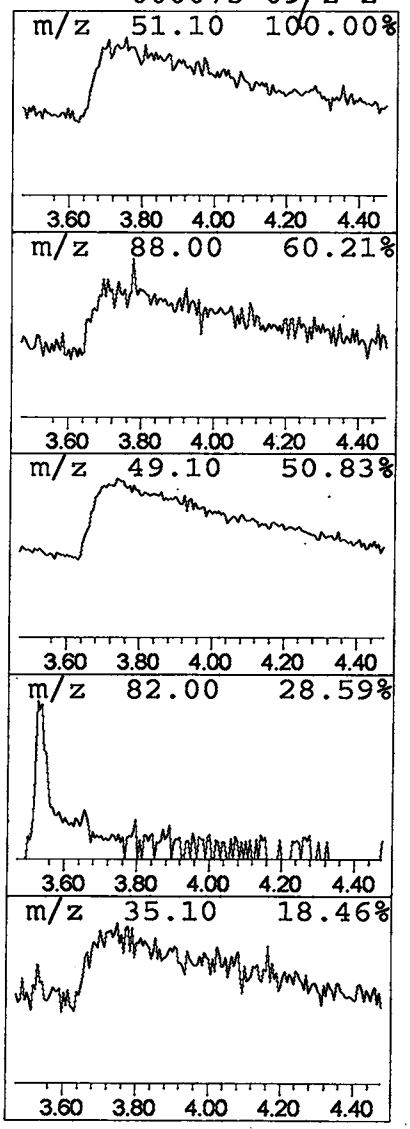
Peak Number 7 1,1,2-Trifluoroethane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	0.53 ug/L	309665	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	7
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
3	Propiolonitrile	51	C3HN	001070-71-9	3
4	Methylene Chloride	84	CH2Cl2	000075-09-2	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11930.D
Acq On : 23 May 2002 5:18 pm
Sample : 5/22ad
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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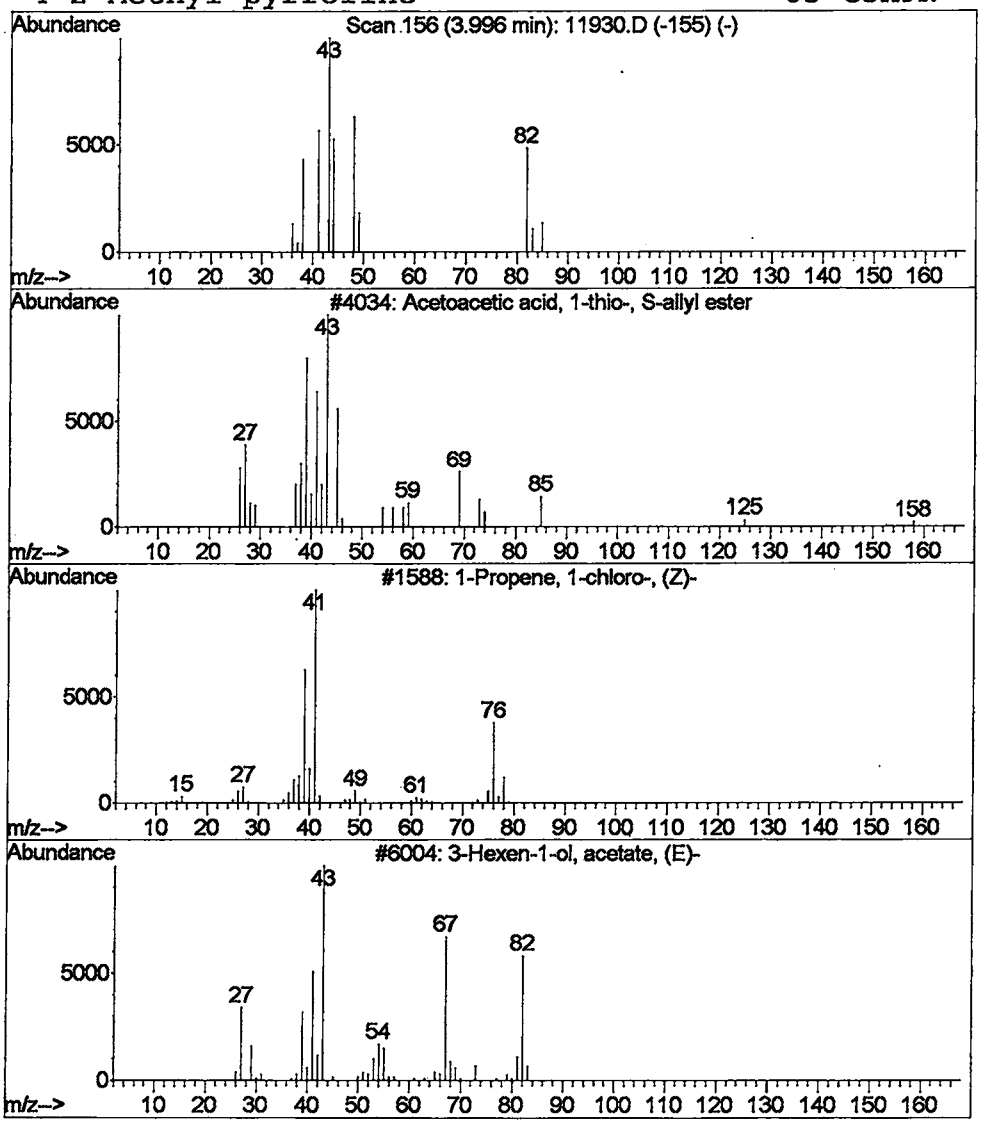
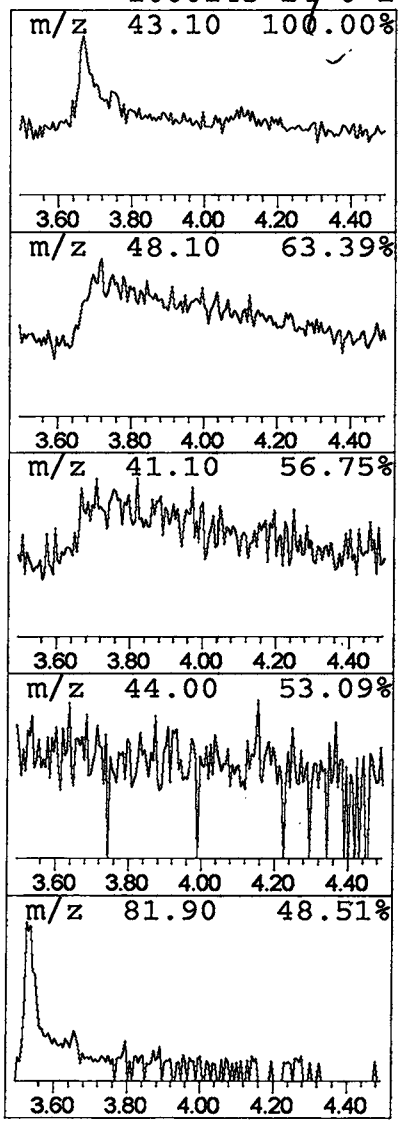
Peak Number 8 Acetoacetic acid, 1-thio-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	0.66 ug/L	388087	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetoacetic acid, 1-thio-, S-all...	158	C7H10O2S	015780-65-1	2
2	1-Propene, 1-chloro-, (Z)-	76	C3H5Cl	016136-84-8	2
3	3-Hexen-1-ol, acetate, (E)-	142	C8H14O2	003681-82-1	2
4	2-Methyl-pyrroline	83	C5H9N	1000143-24-0	2





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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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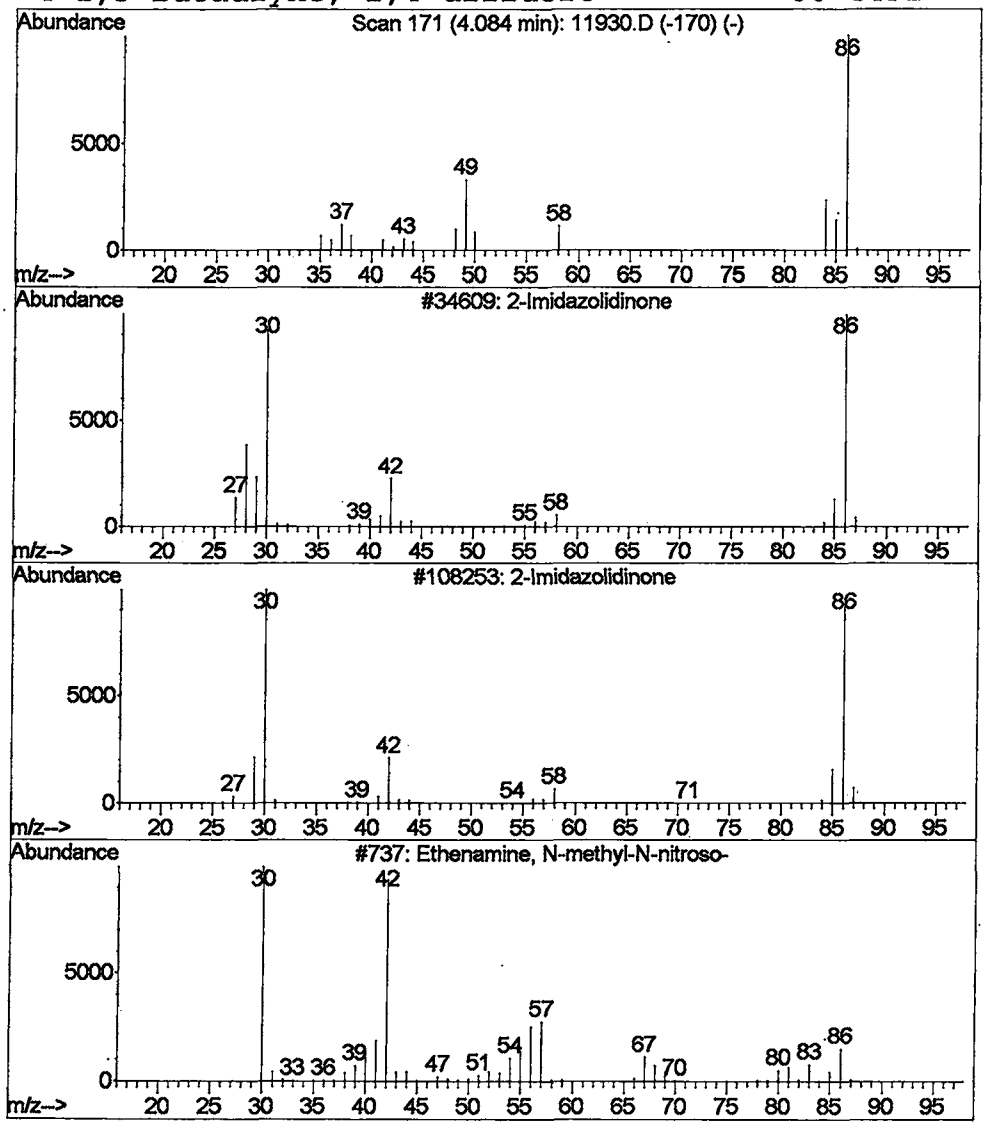
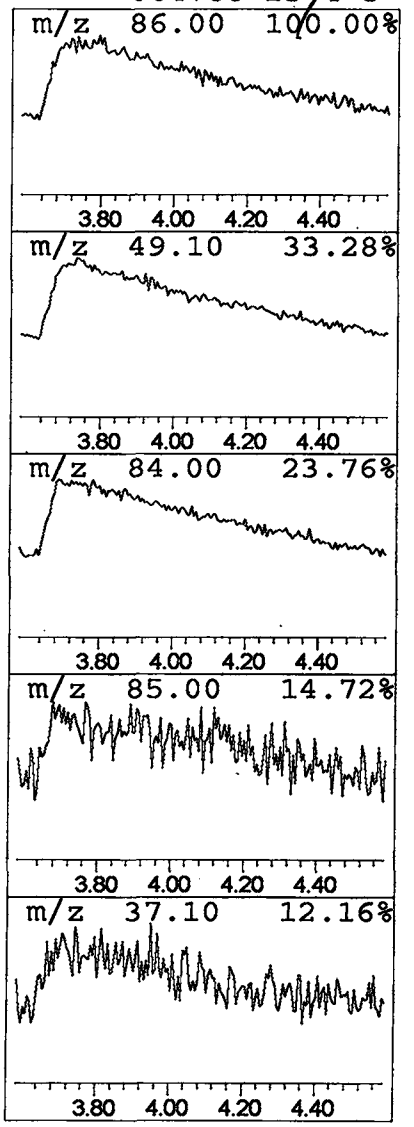
Peak Number 9 2-Imidazolidinone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	1.26 ug/L	738615	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Imidazolidinone	86	C3H6N2O	000120-93-4	12
2	2-Imidazolidinone	86	C3H6N2O	000120-93-4	7
3	Ethenamine, N-methyl-N-nitroso-	86	C3H6N2O	004549-40-0	5
4	1,3-Butadiyne, 1,4-difluoro-	86	C4F2	064788-23-4	5





Library Search Compound Report

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Sample : 5/22ad
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Vial: 10
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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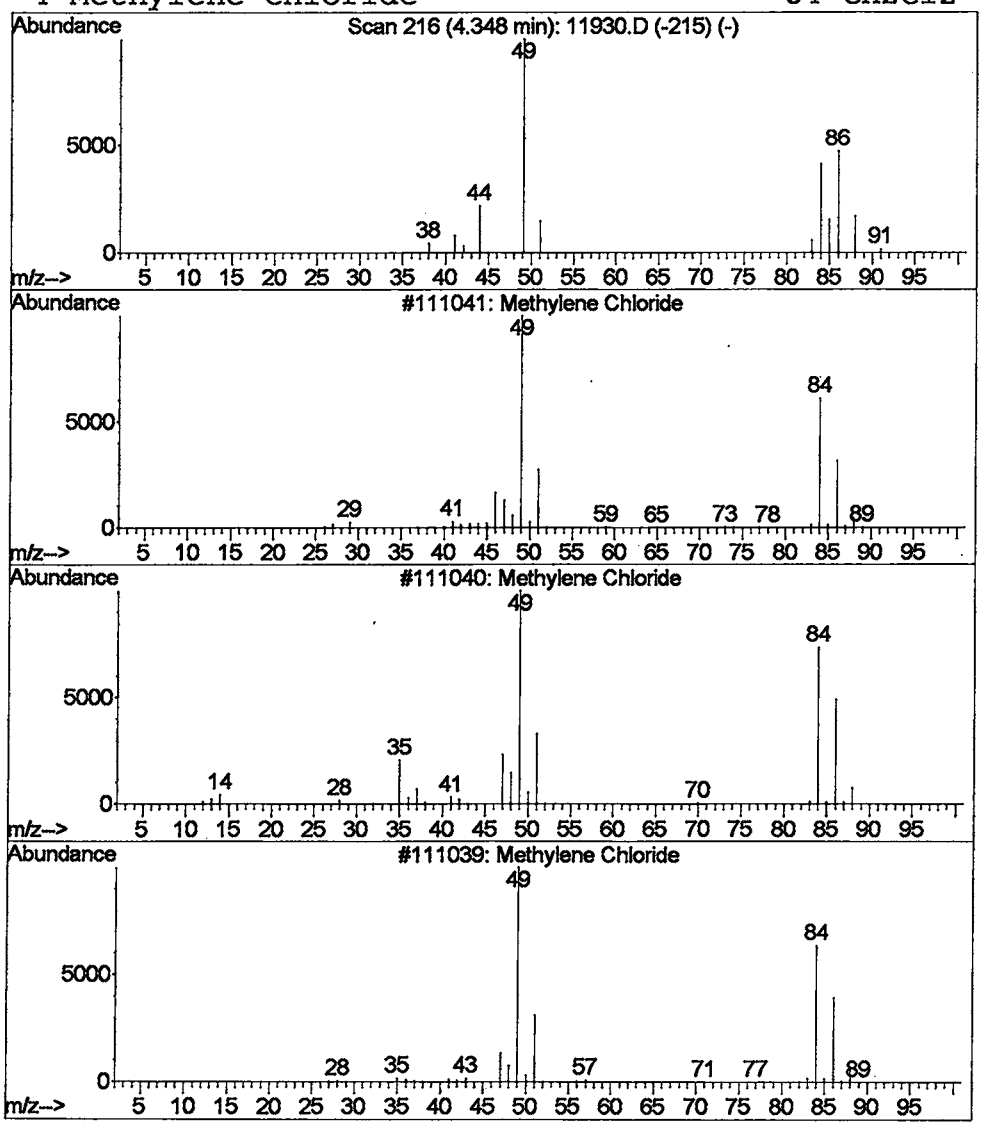
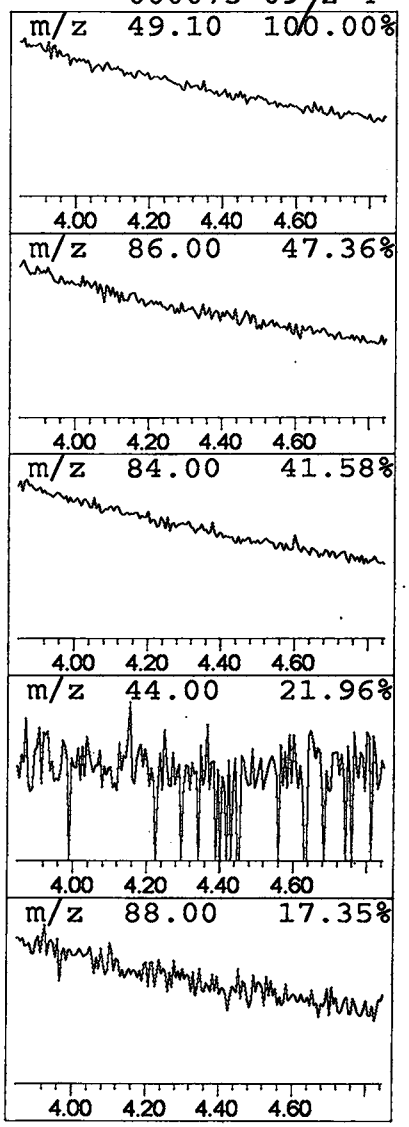
Peak Number 10 Methylene Chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	0.68 ug/L	400309	1,4-Dichlorobenzene-d4	9.90

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





Library Search Compound Report

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Acq On : 23 May 2002 5:18 pm
Sample : 5/22ad
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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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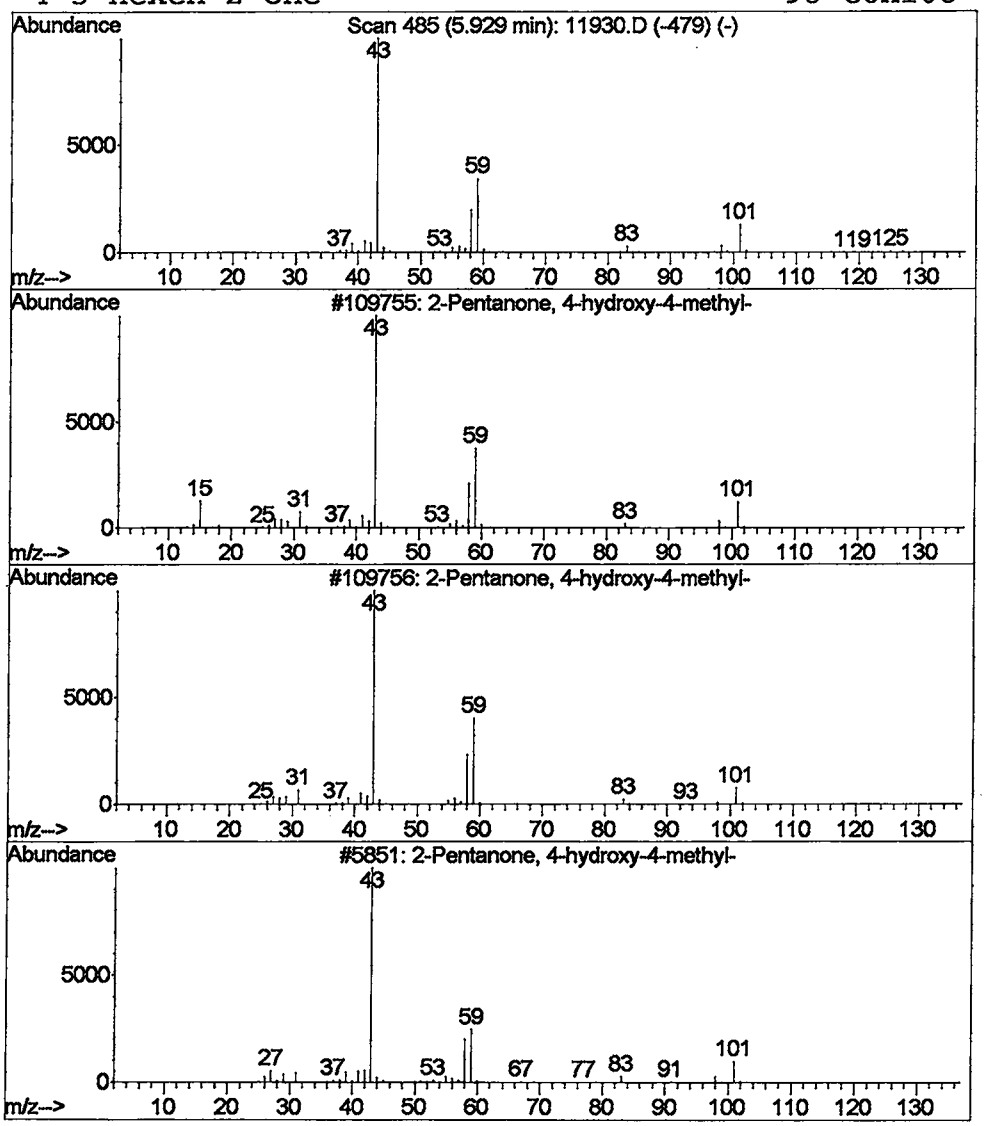
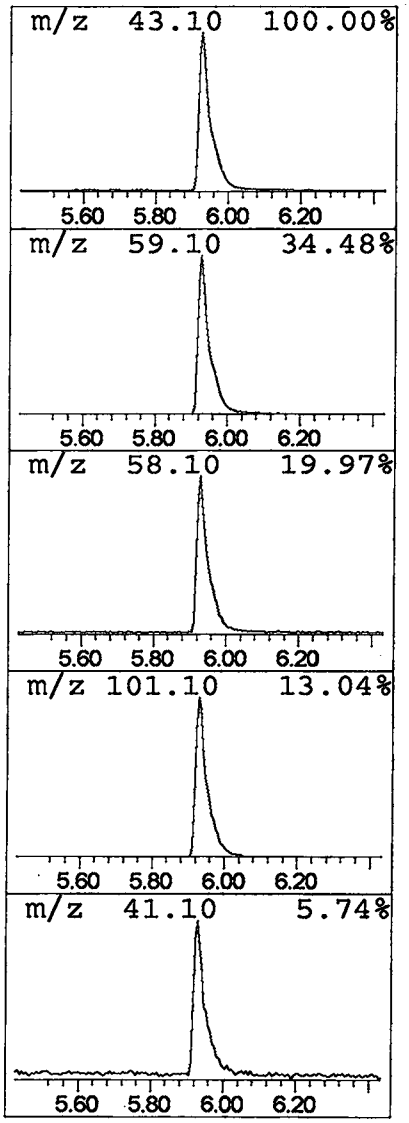
Peak Number 11 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	10.30 ug/L	6049790	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	72
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
4	5-Hexen-2-one	98	C6H10O	000109-49-9	14





Library Search Compound Report

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Sample : 5/22ad
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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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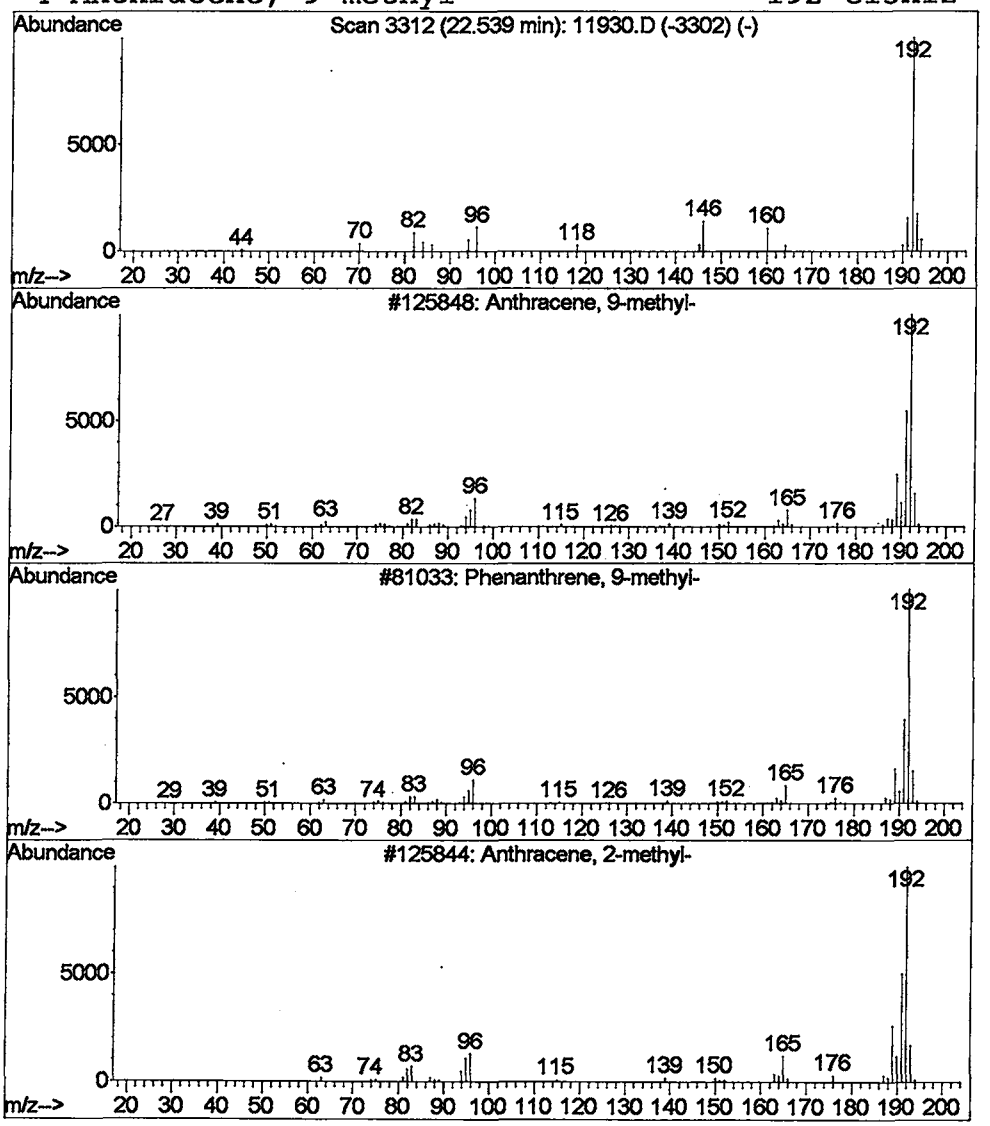
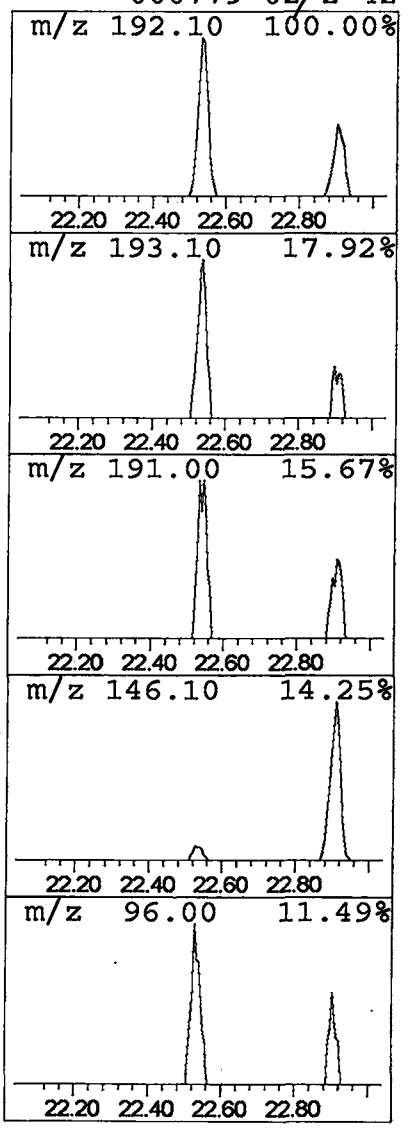
Peak Number 12 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	0.26 ug/L	231618	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	42
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	42
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	42





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11930.D Vial: 10
Acq On : 23 May 2002 5:18 pm Operator: Mclean
Sample : 5/22ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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

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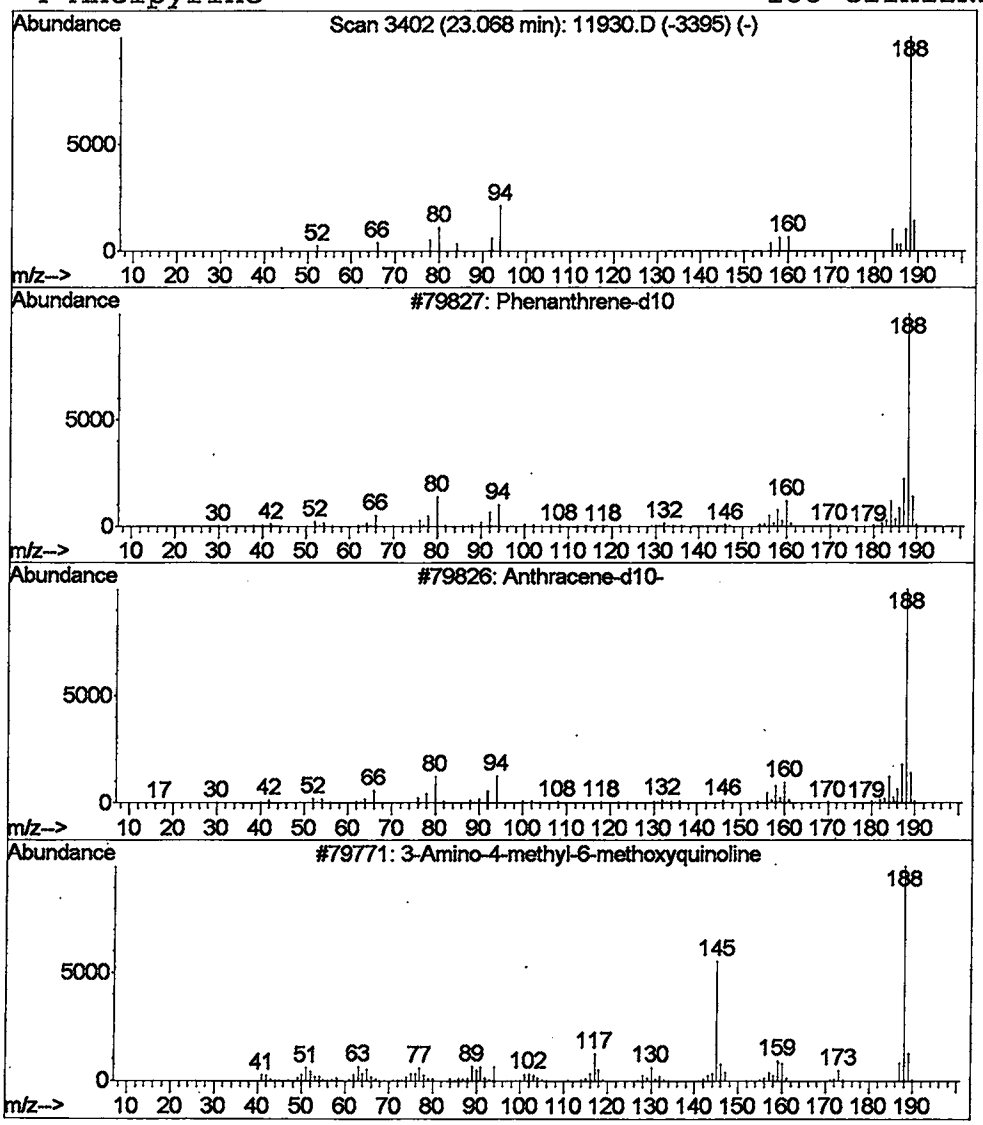
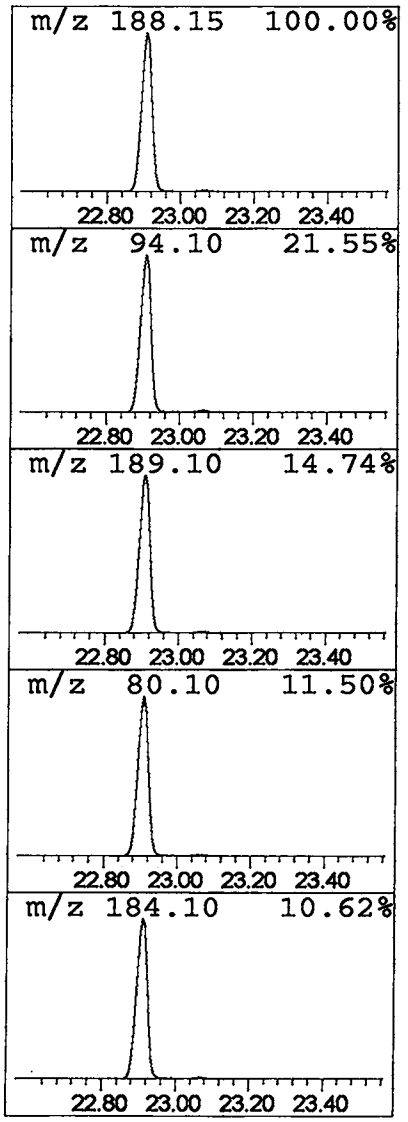
Peak Number 13 Phenanthrene-d10 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	0.28 ug/L	244946	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	64
2	Anthracene-d10-	188	C14D10	001719-06-8	64
3	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	40
4	Antipyrine	188	C11H12N2O	000060-80-0	40





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052302\11930.D Vial: 10
Acq On : 23 May 2002 5:18 pm Operator: Mclean
Sample : 5/22ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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

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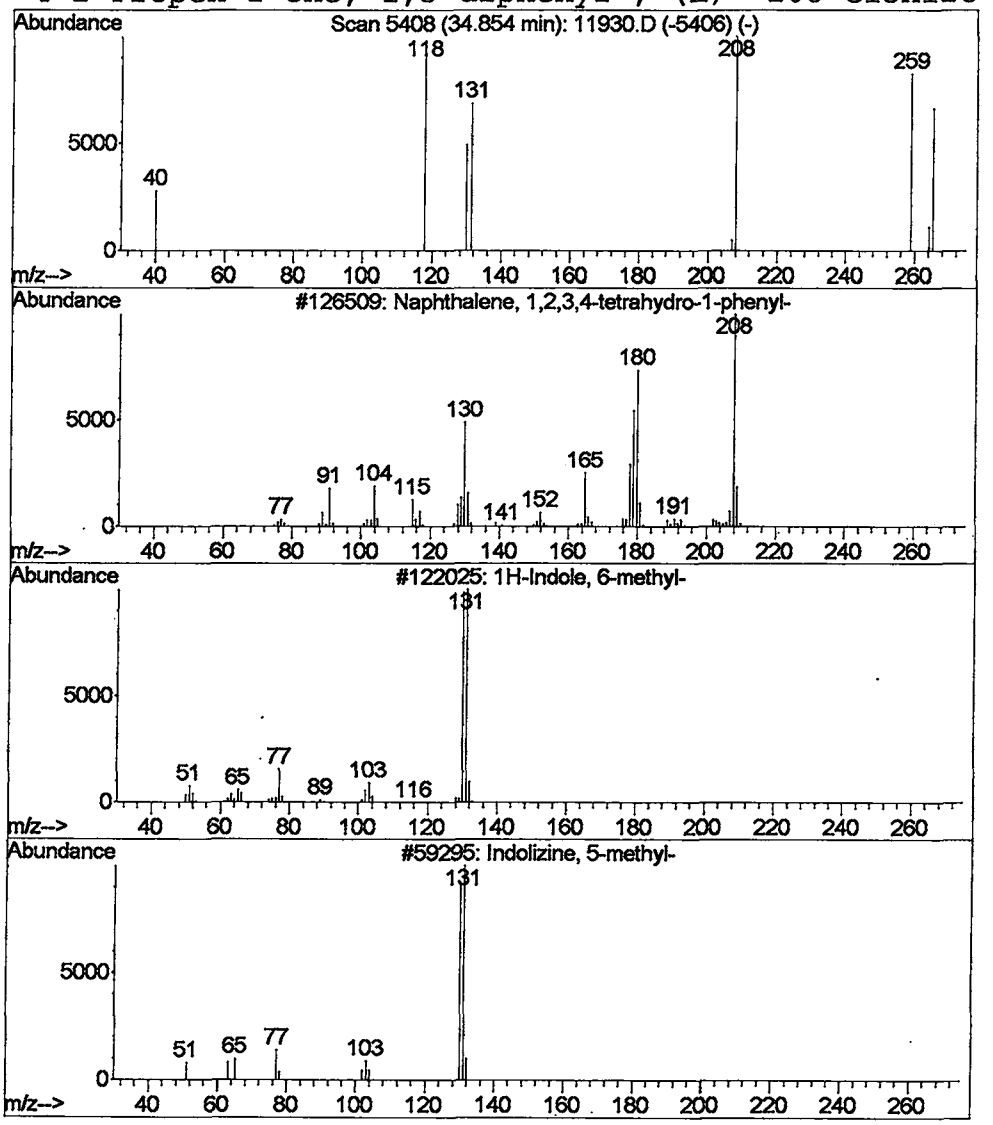
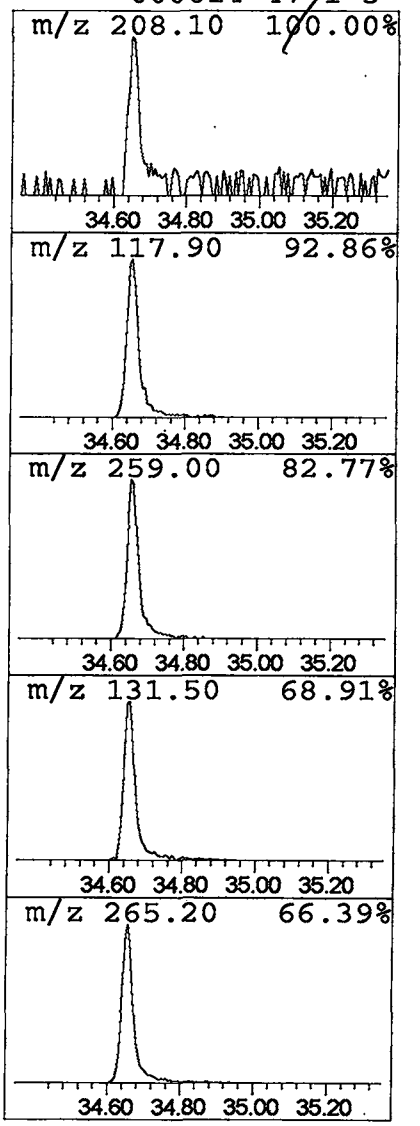
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.85	0.34 ug/L	115203	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	208	C16H16	003018-20-0	9
2	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	5
3	Indolizine, 5-methyl-	131	C9H9N	001761-19-9	5
4	2-Propen-1-one, 1,3-diphenyl-, (E)-	208	C15H12O	000614-47-1	5





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 23 May 2002 5:18 pm
Data File: C:\MSDCHEM\1\DATA\052302\11930.D
Name: 5/22ad
Misc:
Method: C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title: 508 Modified GC/MS scan
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Acetonitrile, dic...	3.53	0.3	ug/L	173063	1	9.90	23505600	40.0
Methylene Chloride	3.71	2.6	ug/L	1539890	1	9.90	23505600	40.0
Imidazol, 4-fluoro-	3.75	3.2	ug/L	1908710	1	9.90	23505600	40.0
Thiophene	3.83	2.3	ug/L	1352590	1	9.90	23505600	40.0
Methylene Chloride	3.90	1.7	ug/L	974476	1	9.90	23505600	40.0
1-Buten-3-yne, 2-...	3.96	0.5	ug/L	303767	1	9.90	23505600	40.0
1,1,2-Trifluoroet...	3.98	0.5	ug/L	309665	1	9.90	23505600	40.0
Acetoacetic acid,...	4.00	0.7	ug/L	388087	1	9.90	23505600	40.0
2-Imidazolidinone	4.09	1.3	ug/L	738615	1	9.90	23505600	40.0
Methylene Chloride	4.35	0.7	ug/L	400309	1	9.90	23505600	40.0
2-Pentanone, 4-hy...	5.93	10.3	ug/L	6049790	1	9.90	23505600	40.0
Anthracene, 9-met...	22.54	0.3	ug/L	231618	4	22.91	35523100	40.0
Phenanthrene-d10	23.07	0.3	ug/L	244946	4	22.91	35523100	40.0
Naphthalene, 1,2,...	34.85	0.3	ug/L	115203	6	34.66	13625300	40.0