User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 11:51:17

Sample: AE08756
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/8/02 11:49 Ended: 5/8/02 11:49 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		77		10.0

Comments for Sample AE08756 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-08-2002 Time: 11:51:21

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\MSDCHEM\1\DATA\050202\8756.D Vial: 15
Acq On : 2 May 2002 11:05 pm Operator: Mclean
Sample : 4/29 re-ext Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 06 14:02:27 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 06 12:20:41 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.94	152	4792659	40.00	ug/L	0.01
10) Napthalene-d8	13.43	136	19069390	40.00	ug/L	0.00
17) Acenapthalene-d10	18.57	164	10289788	40.00	ug/L	0.00
29) Phenanthranene-d10	22.96	188	14957650	40.00	ug/L	0.00
37) Chrysene-d12	30.81	240	11608837	40.00	ug/L	0.00
43) Perylene-d12	34.71	264	8152614	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.54	209	556829	7.70	ug/L	0.00
Spiked Amount 10.000			Recovery =	77.00%		
50) 2,4-ddd	0.00	235	0	0.00	ug/L	
Spiked Amount 5.000			Recovery =	0.00%		

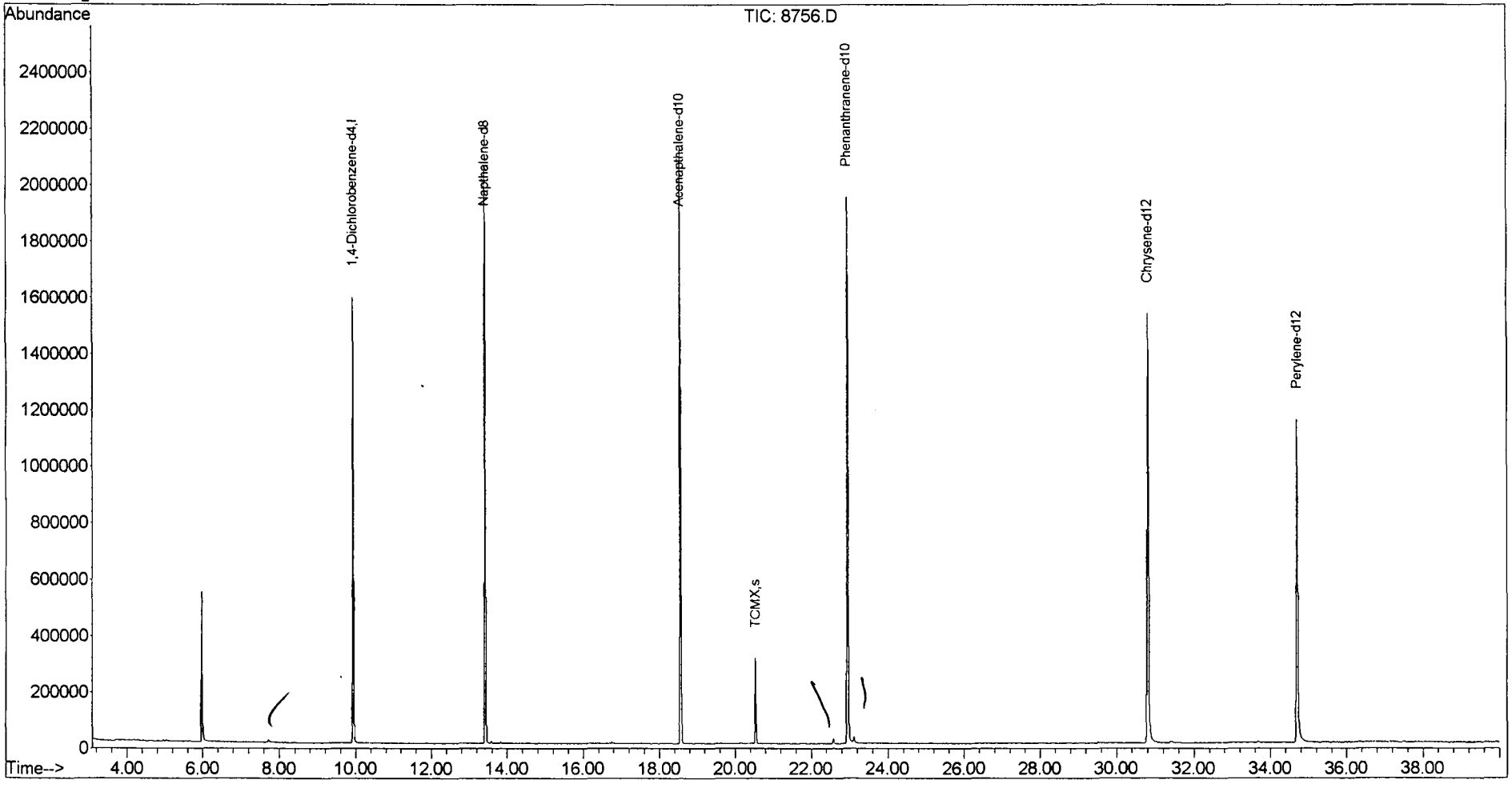
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\050202\8756.D Vial: 15
Acq On : 2 May 2002 11:05 pm Operator: Mclean
Sample : 4/29 re-ext Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 6 14:02 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 06 12:20:41 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\050202\8756.D
Acq On : 2 May 2002 11:05 pm
Sample : 4/29 re-ext
Misc :
MS Integration Params: LSCINT.e

Vial: 15
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

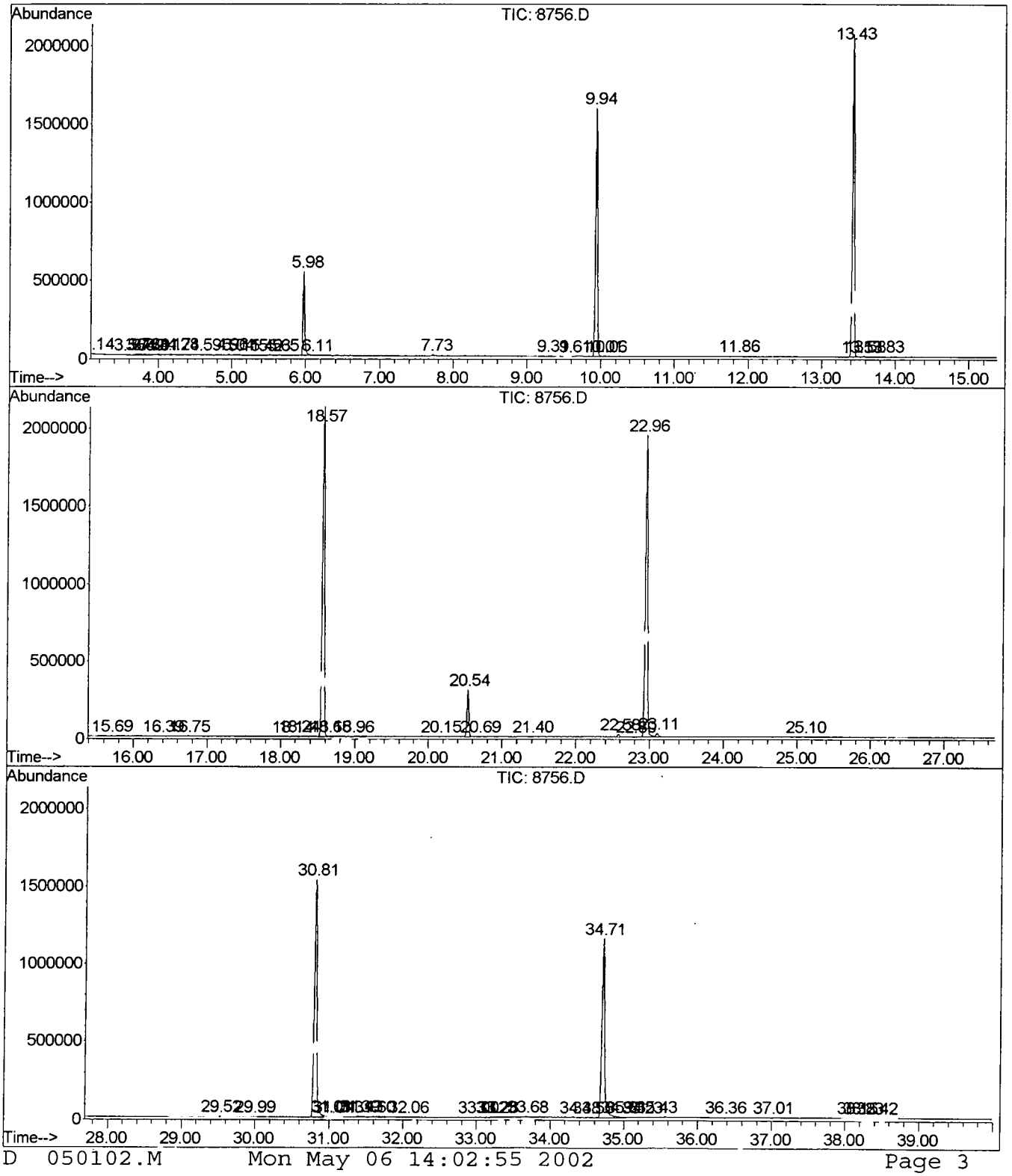
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.138	4	10	15	BV 4	2620	34238	0.08%	0.014%
2	3.555	78	81	86	PV 5	2260	32375	0.08%	0.014%
3	3.714	95	108	113	PV 5	4718	189220	0.45%	0.080%
4	3.755	113	115	121	VV 4	5875	127200	0.30%	0.054%
5	3.802	121	123	133	VV 5	4857	165524	0.39%	0.070%
6	3.878	133	136	145	VV 5	4636	159856	0.38%	0.067%
7	4.007	156	158	163	VV 4	5010	100767	0.24%	0.042%
8	4.178	182	187	190	VV 5	5507	118075	0.28%	0.050%
9	4.284	197	205	215	VV 7	5648	201821	0.48%	0.085%
10	4.595	253	258	261	VV 6	3045	72742	0.17%	0.031%
11	4.959	315	320	328	VV 5	6128	115284	0.27%	0.049%
12	5.036	328	333	343	VV 7	5221	161258	0.38%	0.068%
13	5.112	343	346	364	VV 7	3050	106337	0.25%	0.045%
14	5.418	396	398	406	VV 6	1710	29853	0.07%	0.013%
15	5.529	411	417	425	VV 7	2429	78763	0.19%	0.033%
16	5.647	432	437	441	VV 5	2923	59979	0.14%	0.025%
17	5.976	484	493	514	PV	518802	8747115	20.70%	3.685%
18	6.111	514	516	518	VV 3	1260	10249	0.02%	0.004%
19	7.727	787	791	804	PV 5	8141	208892	0.49%	0.088%
20	9.307	1052	1060	1071	VV 7	2537	73032	0.17%	0.031%
21	9.607	1106	1111	1115	PV 6	1701	35981	0.09%	0.015%
22	9.942	1157	1168	1179	VV	1565773	28996010	68.63%	12.214%
23	10.012	1179	1180	1184	VV 3	2769	29215	0.07%	0.012%
24	10.059	1184	1188	1193	VV 4	2486	52462	0.12%	0.022%
25	11.863	1491	1495	1501	VV 4	3582	62031	0.15%	0.026%
26	13.432	1753	1762	1777	PV	2029925	38797814	91.83%	16.343%
27	13.526	1777	1778	1783	VV 4	1674	25317	0.06%	0.011%
28	13.579	1783	1787	1796	VV 2	6358	128571	0.30%	0.054%
29	13.831	1820	1830	1834	VV 5	5440	86732	0.21%	0.037%
30	15.694	2143	2147	2152	PV 3	2261	36415	0.09%	0.015%
31	16.387	2260	2265	2269	BV 5	2112	37588	0.09%	0.016%
32	16.746	2320	2326	2338	VV 3	4285	106640	0.25%	0.045%
33	18.144	2561	2564	2569	PV	1753	34105	0.08%	0.014%
34	18.238	2576	2580	2584	VV 2	3216	61860	0.15%	0.026%
35	18.573	2625	2637	2649	VV	2117719	42247341	100.00%	17.796%
36	18.649	2649	2650	2661	VV 6	3144	96972	0.23%	0.041%
37	18.961	2698	2703	2708	VV 3	2837	59598	0.14%	0.025%

40	20.688	2992	2997	3000	VV	2	3669	58239	0.14%	0.025%
41	21.399	3110	3118	3123	VV	4	3105	72478	0.17%	0.031%
42	22.580	3311	3319	3327	VV	2	18395	365848	0.87%	0.154%
43	22.798	3351	3356	3362	PV	2	1866	40396	0.10%	0.017%
44	22.962	3372	3384	3402	PV	2	1917132	40985120	97.01%	17.264%
45	23.109	3402	3409	3419	VV		22666	499240	1.18%	0.210%
46	25.101	3738	3748	3755	PV	3	2313	46738	0.11%	0.020%
47	29.519	4486	4500	4511	PV	2	5030	122886	0.29%	0.052%
48	29.983	4572	4579	4583	PV	4	3297	53295	0.13%	0.022%
49	30.812	4701	4720	4751	PV	2	1510689	36454065	86.29%	15.356%
50	31.012	4751	4754	4758	VV	4	4567	101575	0.24%	0.043%
51	31.041	4758	4759	4766	VV	2	3591	85246	0.20%	0.036%
52	31.388	4810	4818	4823	VV	6	6332	170232	0.40%	0.072%
53	31.429	4823	4825	4835	VV	5	3986	114132	0.27%	0.048%
54	31.599	4850	4854	4856	VV	2	2204	34563	0.08%	0.015%
55	32.063	4927	4933	4935	VV	3	2192	39438	0.09%	0.017%
56	33.003	5087	5093	5095	VV	3	2462	42165	0.10%	0.018%
57	33.250	5132	5135	5137	VV	3	2403	33535	0.08%	0.014%
58	33.280	5137	5140	5144	VV		2835	47700	0.11%	0.020%
59	33.679	5200	5208	5213	VV	7	5478	143645	0.34%	0.061%
60	34.384	5322	5328	5335	VV	5	2243	60586	0.14%	0.026%
61	34.560	5354	5358	5365	PV	4	1747	42013	0.10%	0.018%
62	34.713	5365	5384	5422	VV	2	1146581	30036861	71.10%	12.652%
63	34.942	5422	5423	5430	VV	3	5428	130140	0.31%	0.055%
64	35.007	5430	5434	5437	VV	3	3507	74673	0.18%	0.031%
65	35.230	5470	5472	5475	VV		2610	28318	0.07%	0.012%
66	35.424	5497	5505	5509	VV	5	3309	91396	0.22%	0.038%
67	36.358	5662	5664	5668	VV	3	2450	35939	0.09%	0.015%
68	37.011	5772	5775	5777	VV	3	2879	37282	0.09%	0.016%
69	38.150	5965	5969	5980	PV	2	1809	70795	0.17%	0.030%
70	38.227	5980	5982	5988	VV	2	2106	38322	0.09%	0.016%
71	38.415	6005	6014	6019	PV	2	1516	25930	0.06%	0.011%

Sum of corrected areas: 237399379

File : C:\MSDCHEM\1\DATA\050202\8756.D
Operator : Mclean
Acquired : 2 May 2002 11:05 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 4/29 re-ext
Misc Info :
Vial Number: 15
Quant File :050102.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\050202\8756.D Vial: 15
Acq On : 2 May 2002 11:05 pm Operator: Mclean
Sample : 4/29 re-ext Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

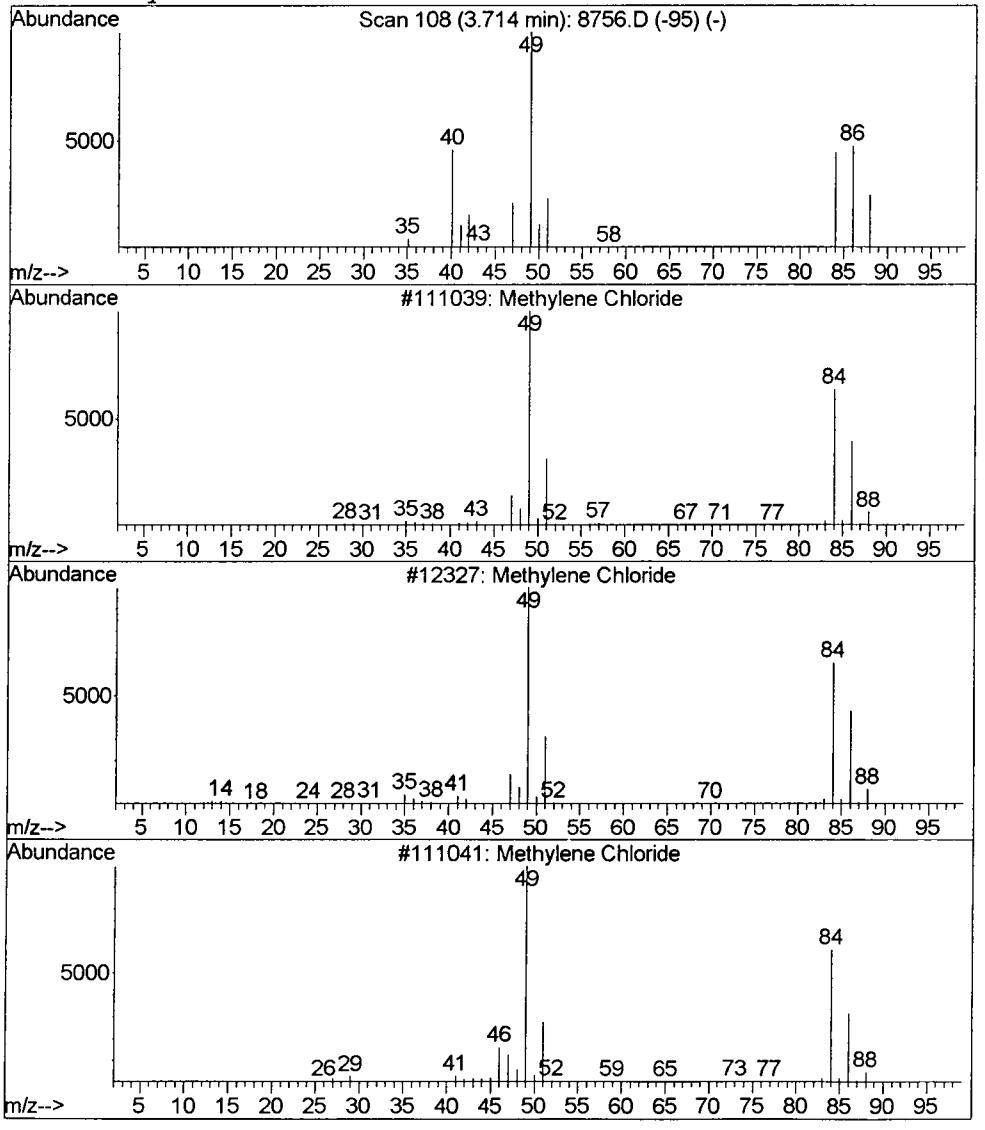
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

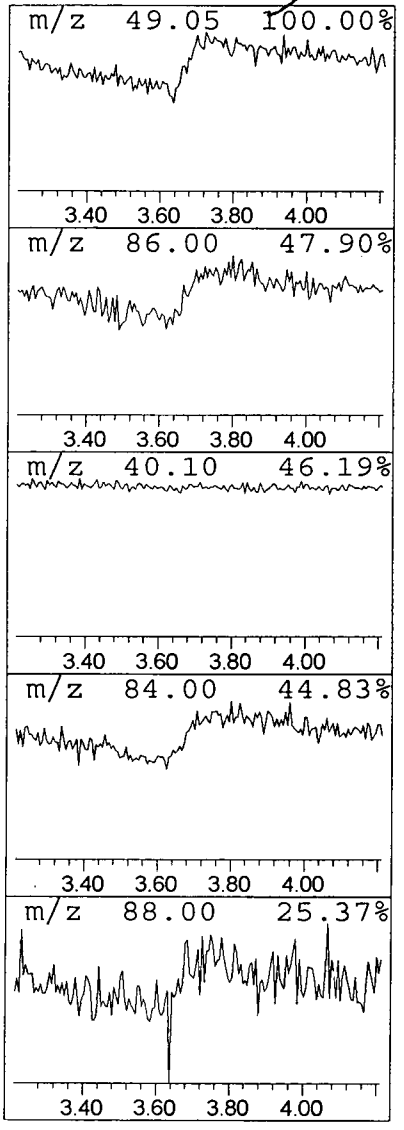
****

Peak Number 1 Methylene Chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	0.26 ug/L	189220	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	74
2	Methylene Chloride	84	CH2Cl2	000075-09-2	72
3	Methylene Chloride	84	CH2Cl2	000075-09-2	72
4	Methylene Chloride	84	CH2Cl2	000075-09-2	9





Data File : C:\MSDCHEM\1\DATA\050202\8756.D Vial: 15
Acq On : 2 May 2002 11:05 pm Operator: Mclean
Sample : 4/29 re-ext 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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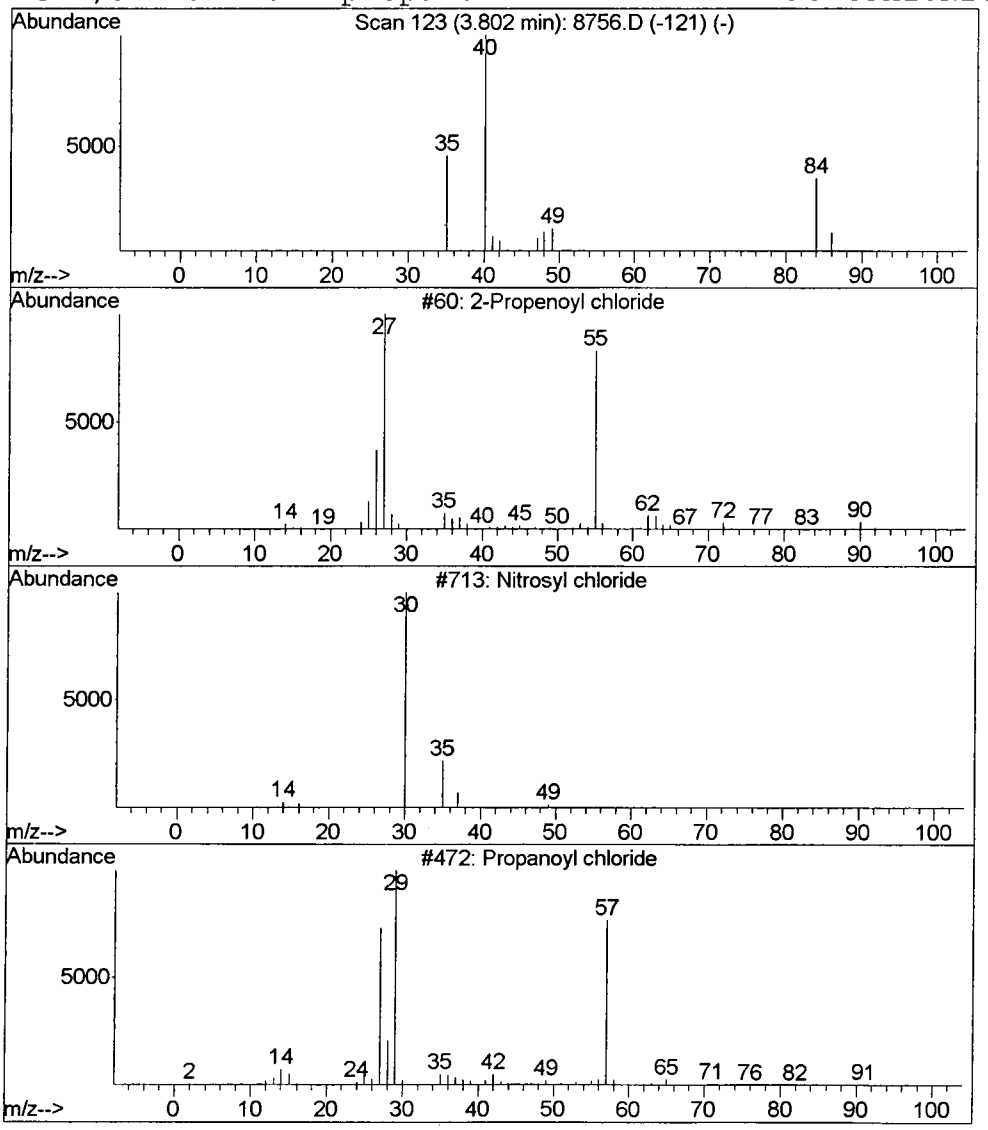
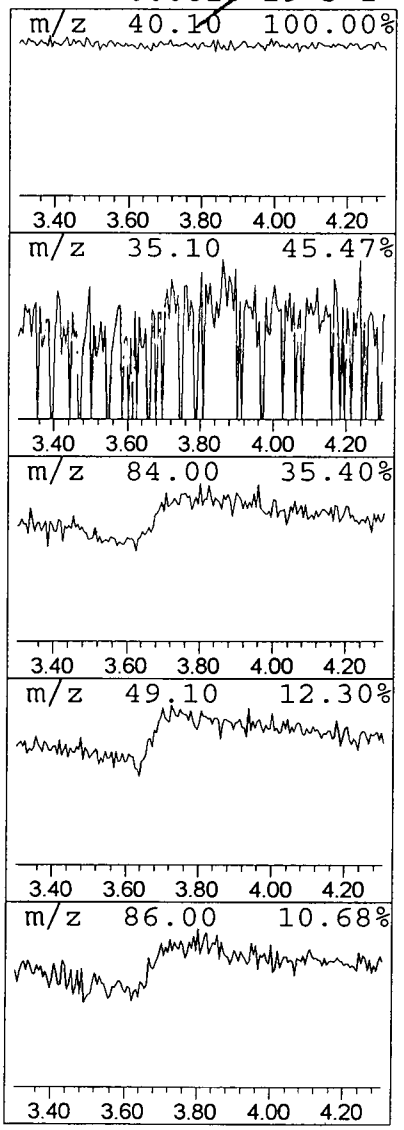
Peak Number 2 2-Propenoyl chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	0.23 ug/L	165524	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoyl chloride	90	C3H3ClO	000814-68-6	1
2	Nitrosyl chloride	65	ClNO	002696-92-6	1
3	Propanoyl chloride	92	C3H5ClO	000079-03-8	1
4	1,3-Diamino-2-propanol	90	C3H10N2O	000616-29-5	1





Data File : C:\MSDCHEM\1\DATA\050202\8756.D Vial: 15
Acq On : 2 May 2002 11:05 pm Operator: Mclean
Sample : 4/29 re-ext 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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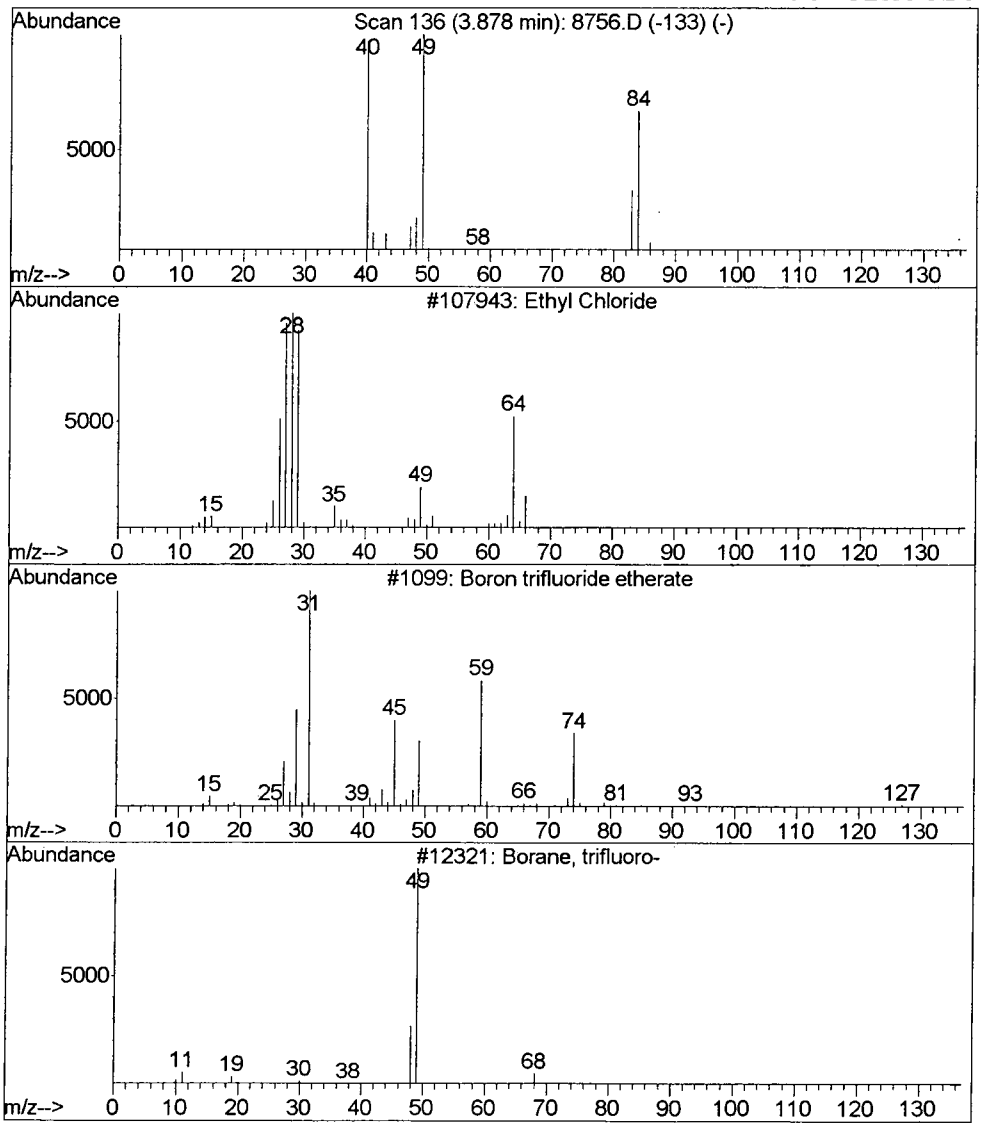
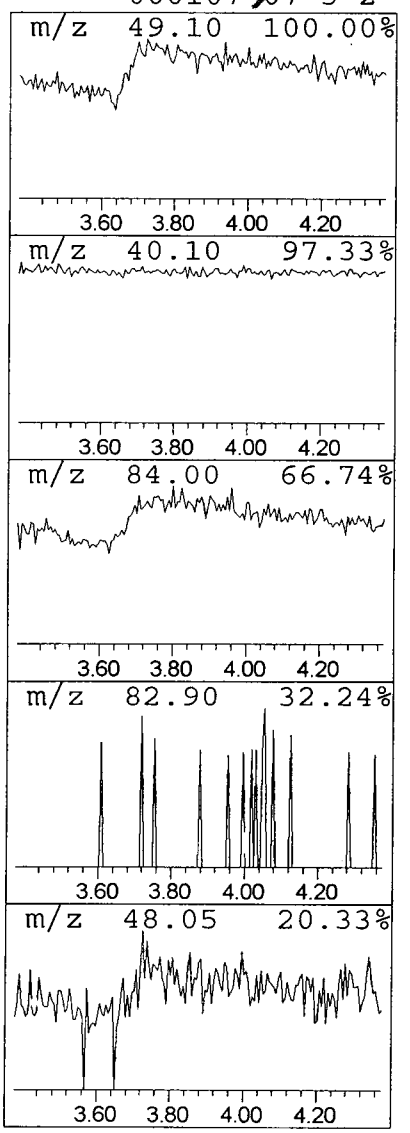
Peak Number 3 Ethyl Chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	0.22 ug/L	159856	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
2	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	4
3	Borane, trifluoro-	68	BF3	007637-07-2	2
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	2





Data File : C:\MSDCHEM\1\DATA\050202\8756.D Vial: 15
Acq On : 2 May 2002 11:05 pm Operator: Mclean
Sample : 4/29 re-ext 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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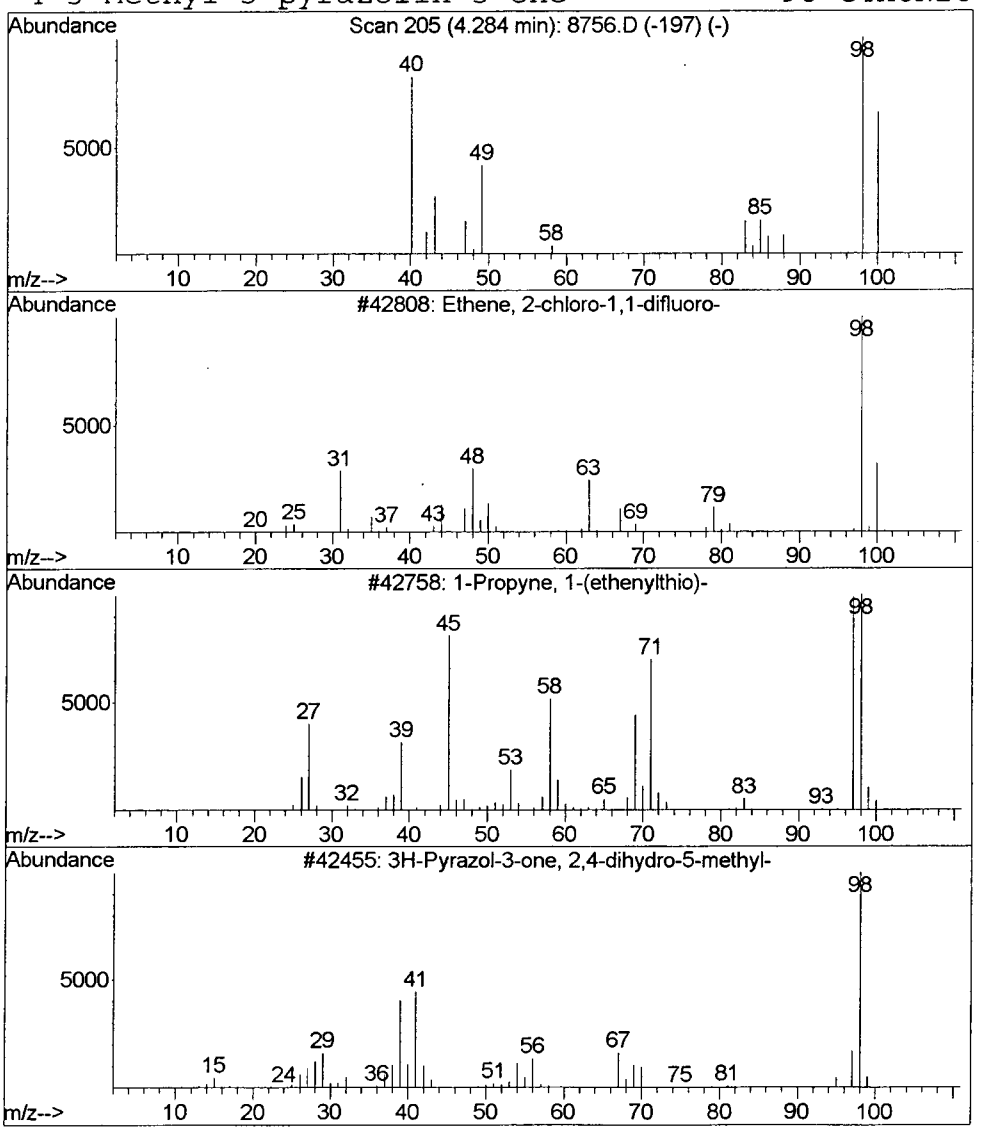
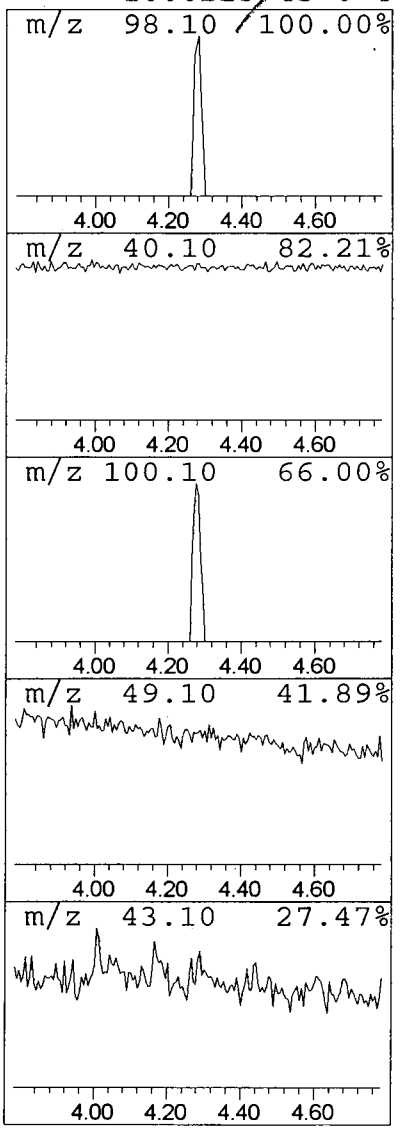
Peak Number 4 Ethene, 2-chloro-1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	0.28 ug/L	201821	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, 2-chloro-1,1-difluoro-	98	C2HClF2	000359-10-4	5
2	1-Propyne, 1-(ethenylthio)-	98	C5H6S	058547-36-7	4
3	3H-Pyrazol-3-one, 2,4-dihydro-5-...	98	C4H6N2O	000108-26-9	4
4	3-Methyl-3-pyrazolin-5-one	98	C4H6N2O	1000223-45-0	4





Data File : C:\MSDCHEM\1\DATA\050202\8756.D Vial: 15
Acq On : 2 May 2002 11:05 pm Operator: Mclean
Sample : 4/29 re-ext Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

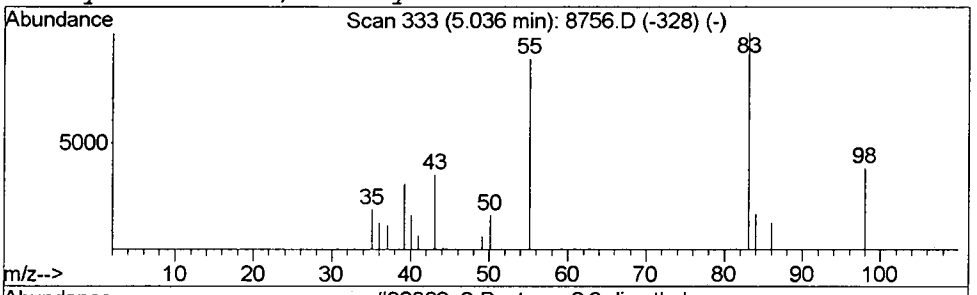
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

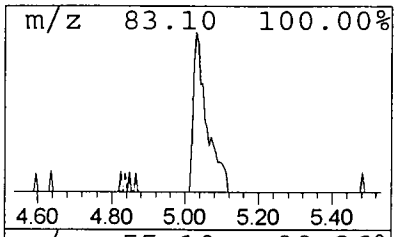
****

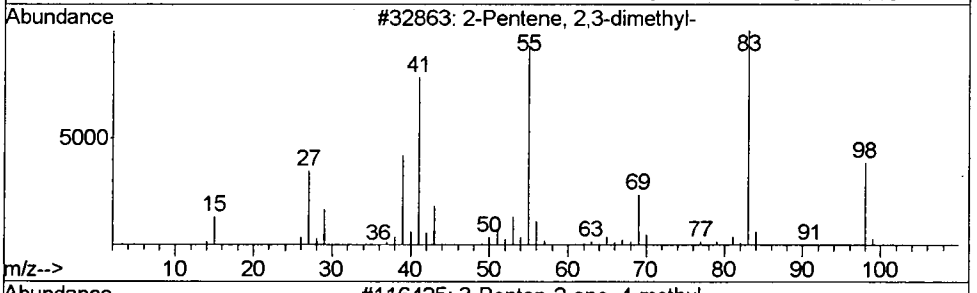
Peak Number 5 2-Pentene, 2,3-dimethyl- Concentration Rank 8

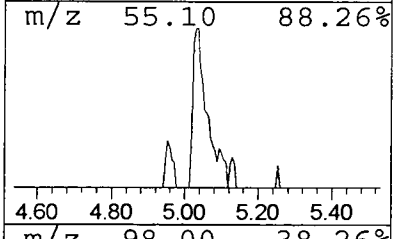
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	0.22 ug/L	161258	1,4-Dichlorobenzene-d4	9.94

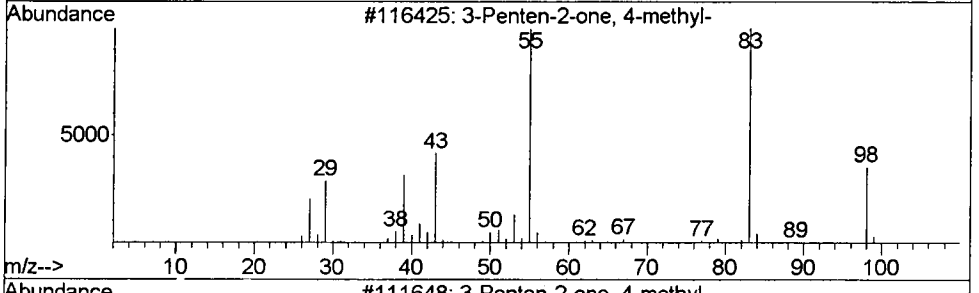
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	35
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	32
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	9
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	9

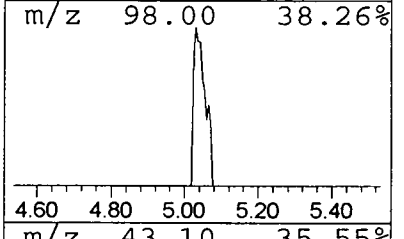


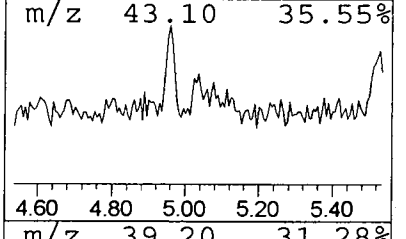


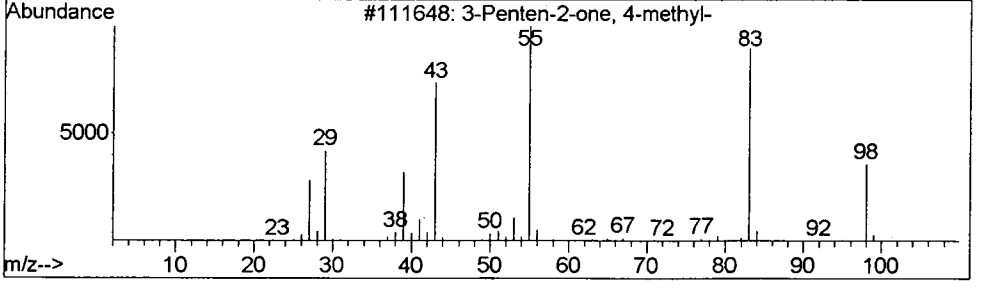


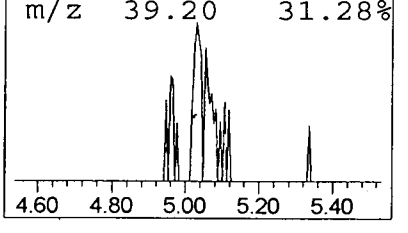












Data File : C:\MSDCHEM\1\DATA\050202\8756.D Vial: 15
Acq On : 2 May 2002 11:05 pm Operator: Mclean
Sample : 4/29 re-ext Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

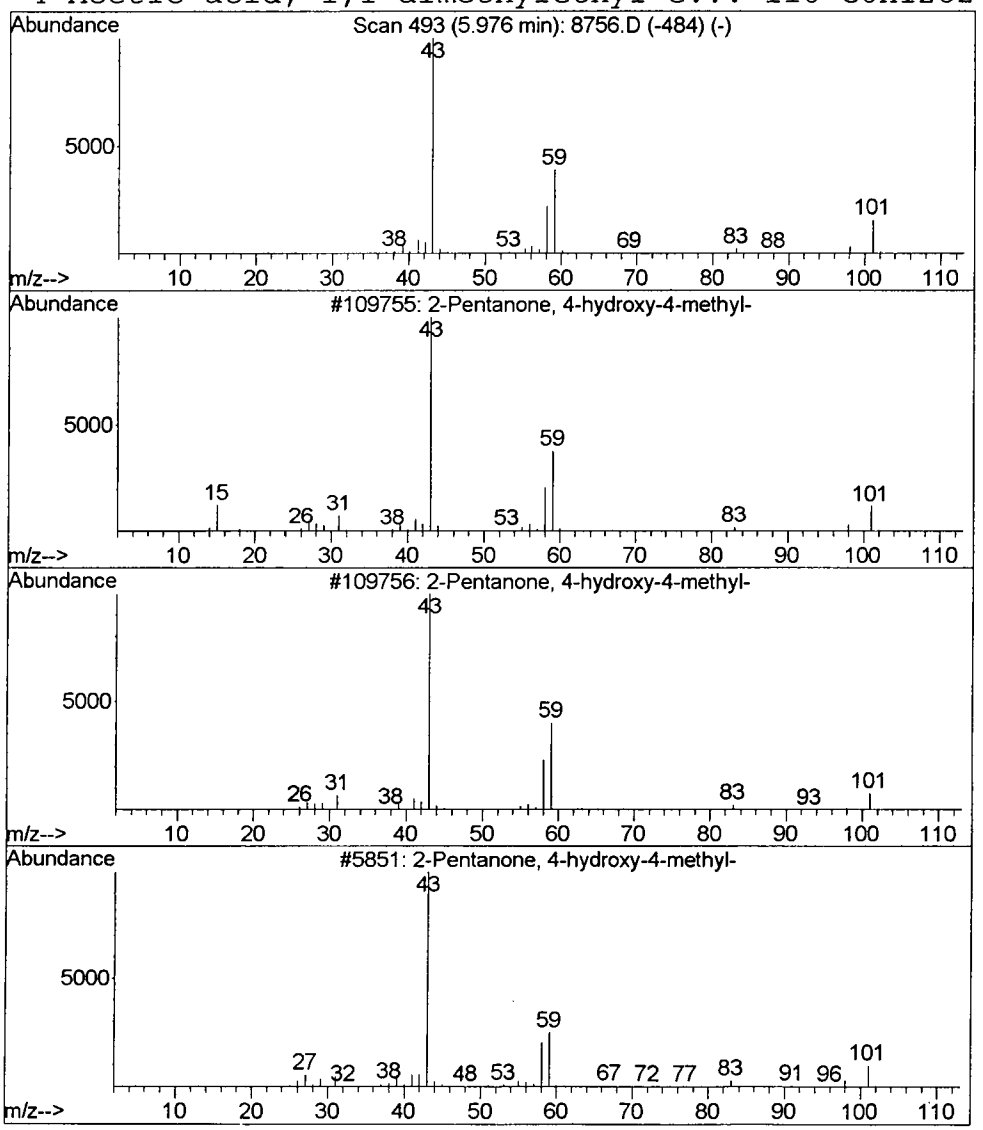
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

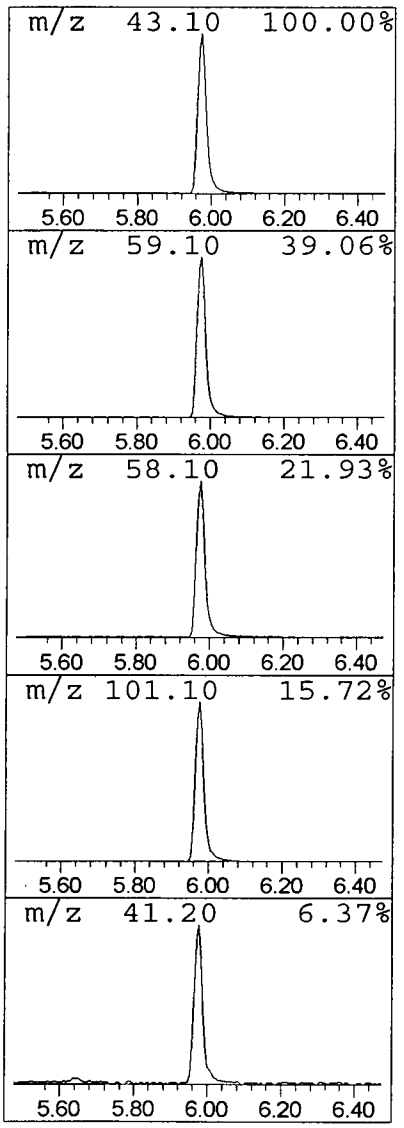
****

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	12.07 ug/L	8747110	1,4-Dichlorobenzene-d4	9.94

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	78
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25





Data File : C:\MSDCHEM\1\DATA\050202\8756.D Vial: 15
Acq On : 2 May 2002 11:05 pm Operator: Mclean
Sample : 4/29 re-ext 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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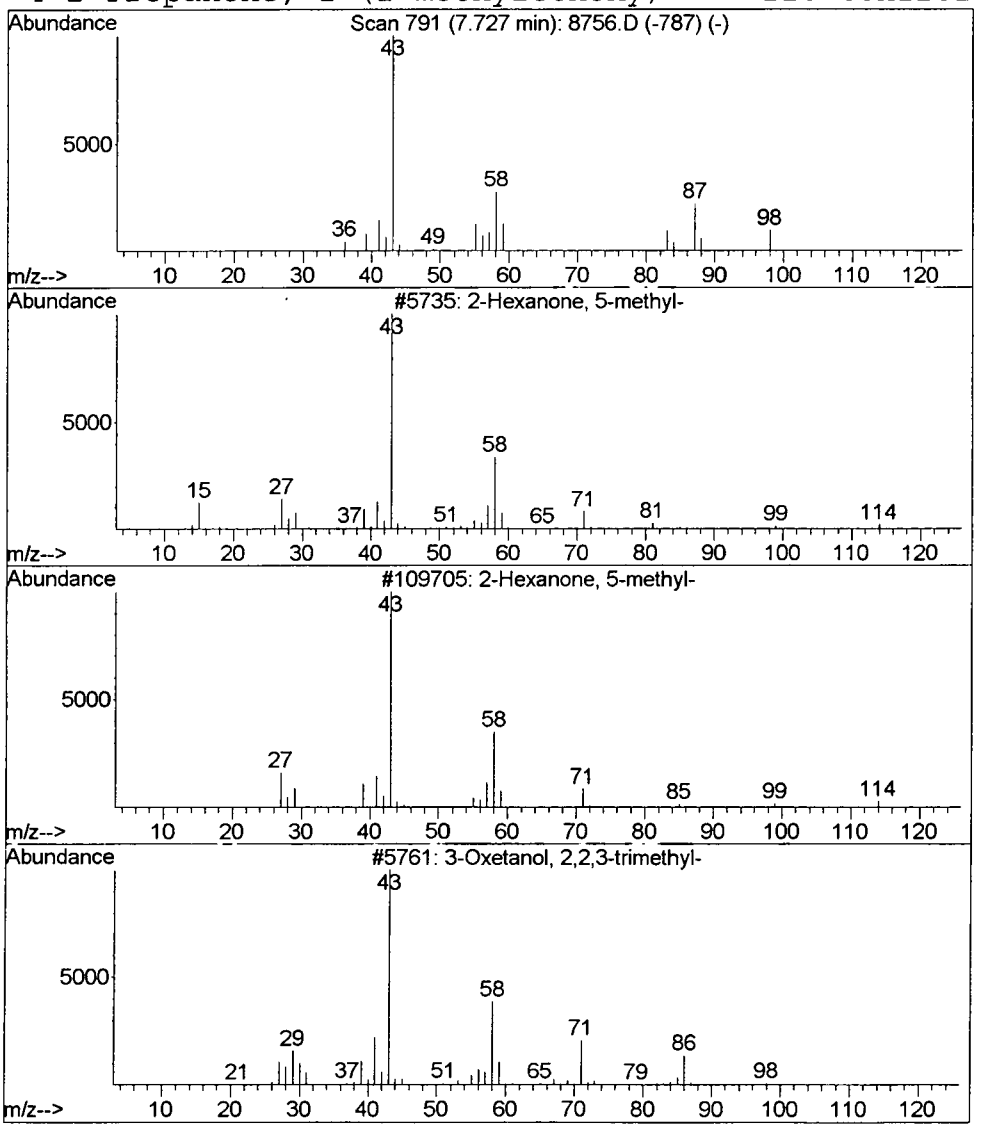
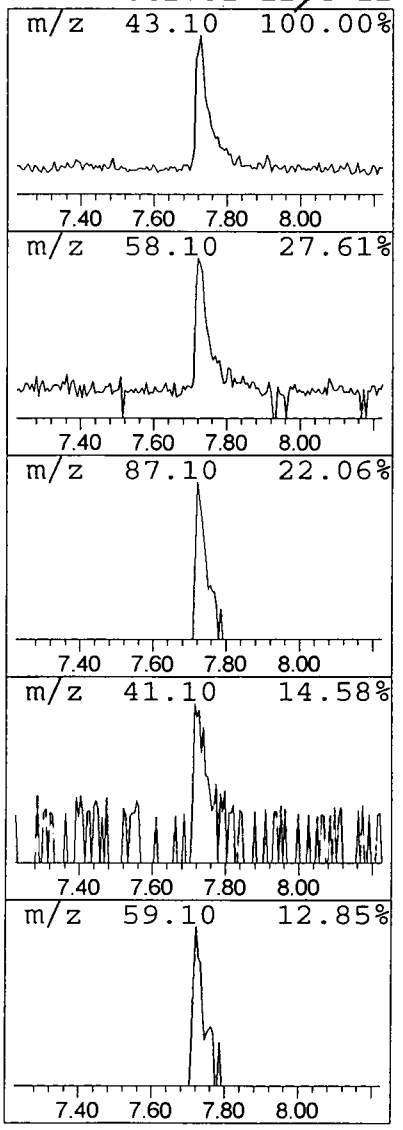
Peak Number 7 2-Hexanone, 5-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.29 ug/L	208892	1,4-Dichlorobenzene-d4	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	23
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	23
3	3-Oxetanol, 2,2,3-trimethyl-	116	C6H12O2	025910-96-7	23
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	12





Data File : C:\MSDCHEM\1\DATA\050202\8756.D Vial: 15
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Sample : 4/29 re-ext 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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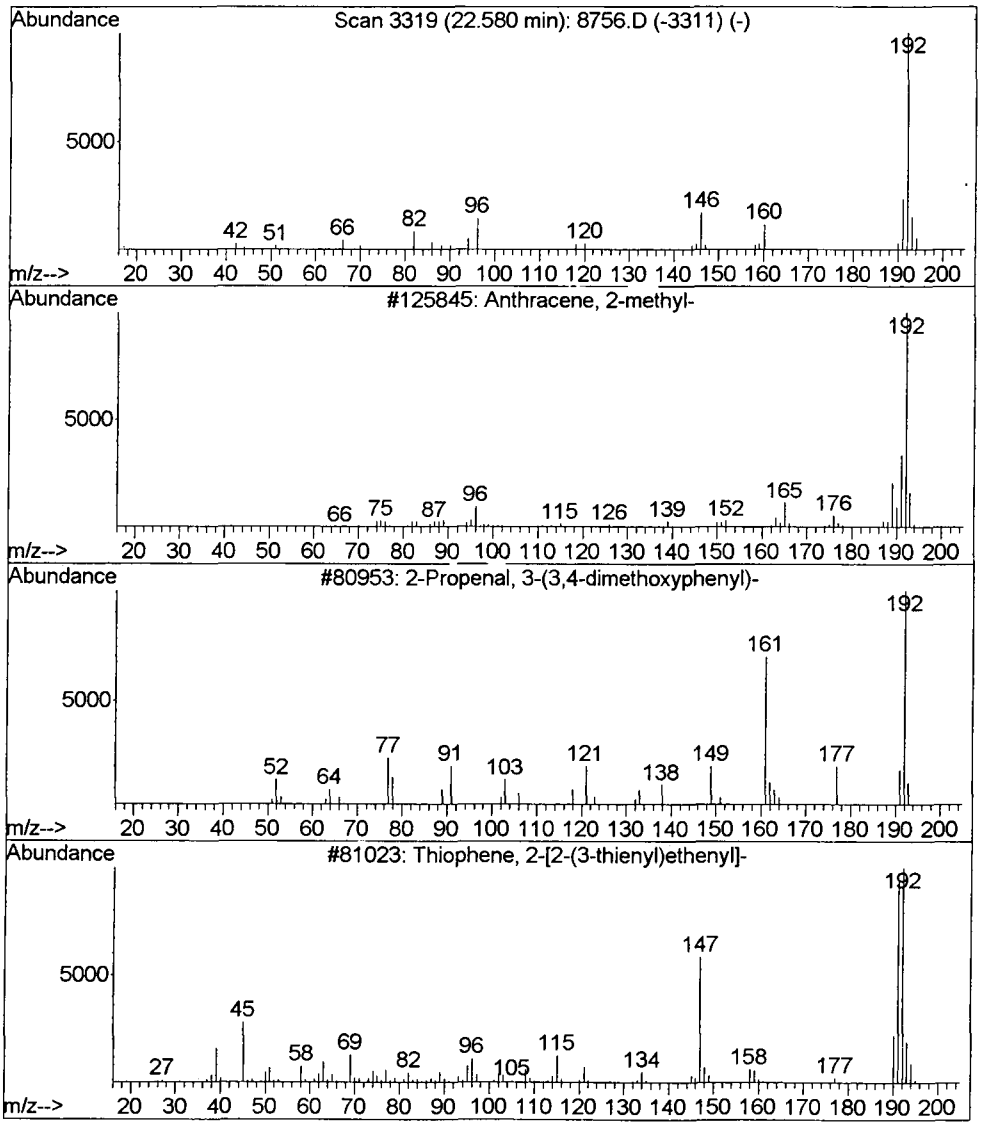
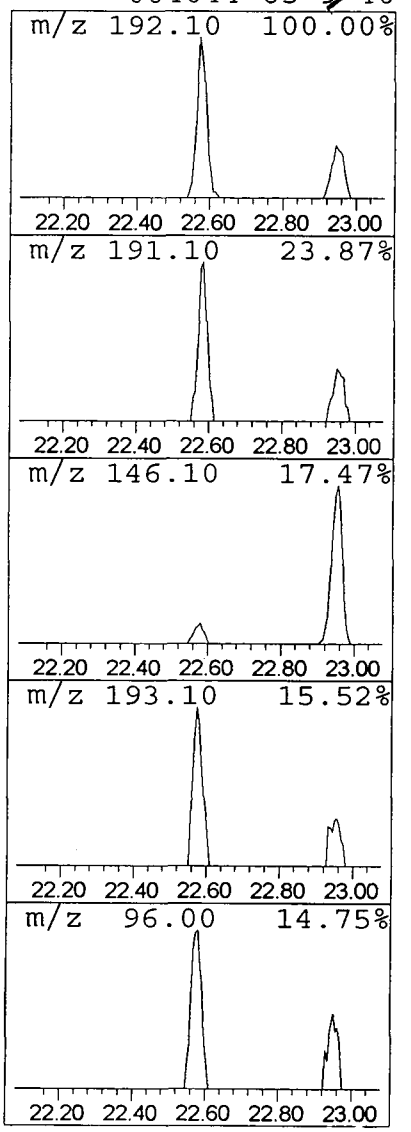
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	0.36 ug/L	365848	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	59
2	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42
3	Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	40
4	Bitoscanate	192	C8H4N2S2	004044-65-9	40





Data File : C:\MSDCHEM\1\DATA\050202\8756.D Vial: 15
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Sample : 4/29 re-ext 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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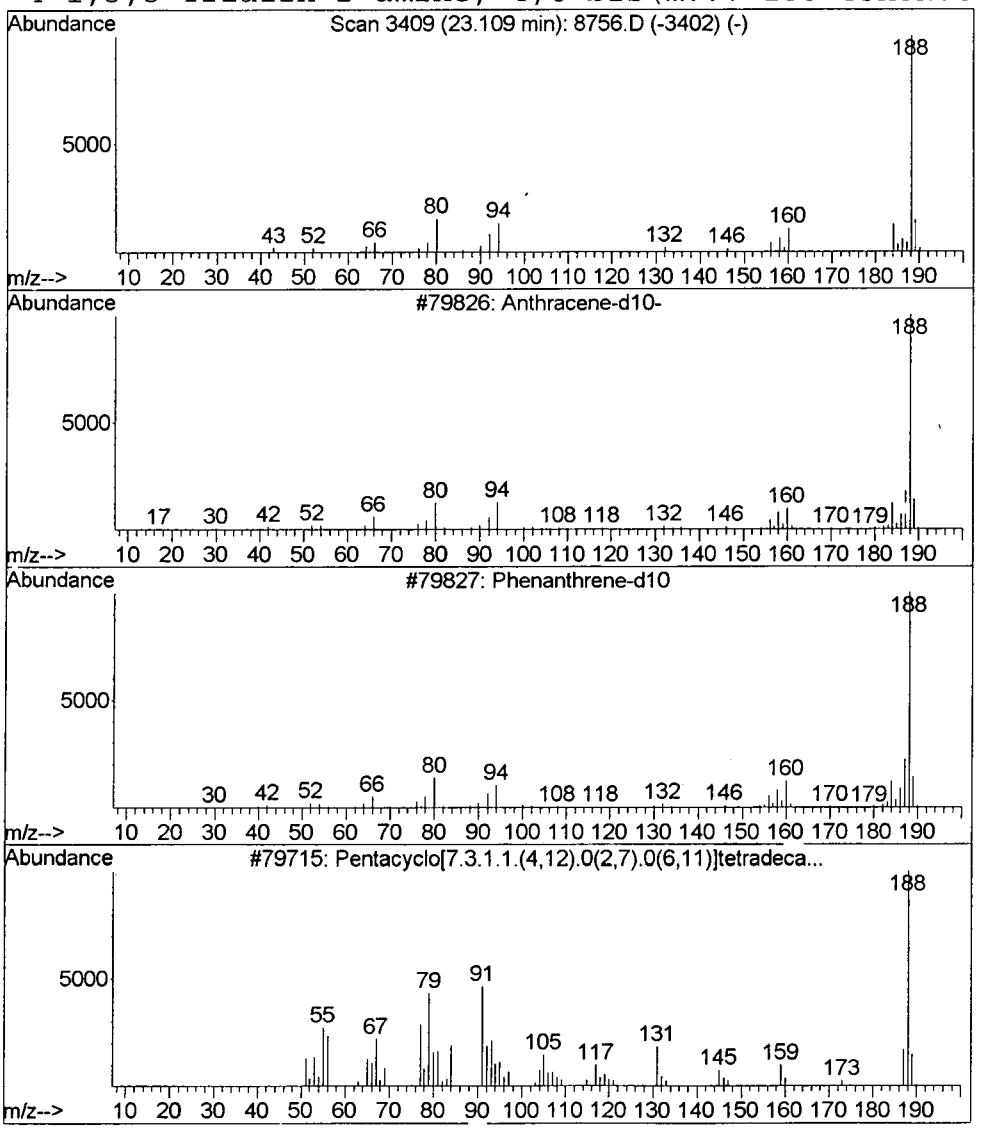
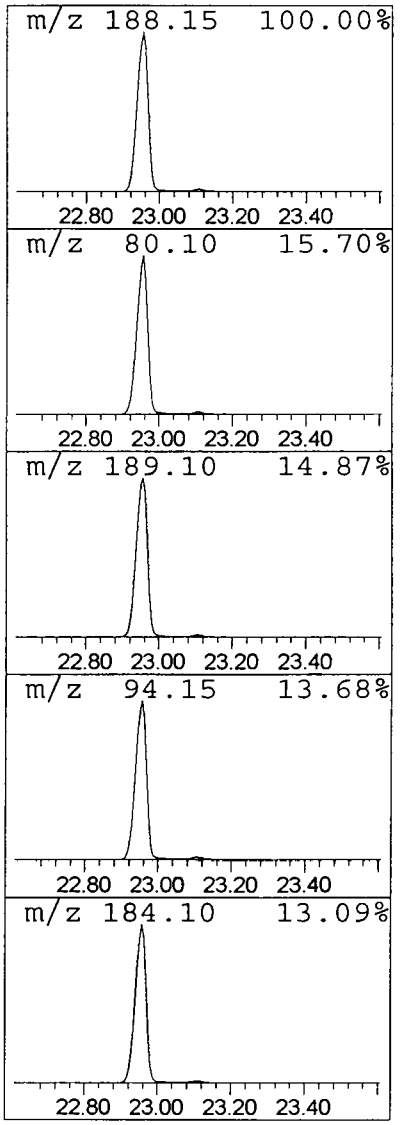
Peak Number 9 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.11	0.49 ug/L	499240	Phenanthranene-d10	22.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	94
2	Phenanthrene-d10	188	C14D10	001517-22-2	94
3	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	45
4	1,3,5-Triazin-2-amine, 4,6-bis(m...	188	C5H8N4S2	030358-19-1	38





Operator ID: Mclean Date Acquired: 2 May 2002 11:05 pm
Data File: C:\MSDCHEM\1\DATA\050202\8756.D
Name: 4/29 re-ext
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	3.71	0.3	ug/L	189220	1	9.94	28996000	40.0
2-Propenoyl chloride	3.80	0.2	ug/L	165524	1	9.94	28996000	40.0
Ethyl Chloride	3.88	0.2	ug/L	159856	1	9.94	28996000	40.0
Ethene, 2-chloro-...	4.28	0.3	ug/L	201821	1	9.94	28996000	40.0
2-Pentene, 2,3-di...	5.04	0.2	ug/L	161258	1	9.94	28996000	40.0
2-Pentanone, 4-hy...	5.98	12.1	ug/L	8747110	1	9.94	28996000	40.0
2-Hexanone, 5-met...	7.73	0.3	ug/L	208892	1	9.94	28996000	40.0
Anthracene, 2-met...	22.58	0.4	ug/L	365848	4	22.96	40985100	40.0
Anthracene-d10-	23.11	0.5	ug/L	499240	4	22.96	40985100	40.0