

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/23/2002 Time: 14:52:41

Sample: AE09519
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/23/02 14:52 Ended: 5/23/02 14:52 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		107		10.0

Comments for Sample AE09519 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-23-2002 Time: 14:53:15

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. This sample was extracted twice because of low Surrogate Standard recovery the first time.

Data File : C:\MSDCHEM\1\DATA\052102\9519.D

Vial: 14

Acq On : 21 May 2002 11:55 pm

Operator: Mclean

Sample : re-extract

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: May 22 11:31:59 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 22 11:26:33 2002

Response via : Initial Calibration

DataAcq Meth : 508SCAN

Re extracted

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	9.90	152	4009687	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	15743822	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.53	164	8733190	40.00	ug/L	-0.01
29) Phenanthranene-d10	22.91	188	13307001	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	9691377	40.00	ug/L	-0.04
43) Perylene-d12	34.66	264	5241045	40.00	ug/L	-0.02

System Monitoring Compounds

27) TCMX	20.50	209	1719800	42.67	ug/L	0.00
Spiked Amount	40.000		Recovery	=	106.68%	

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	13.39	93	-203	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	20.10	149	22472	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	30040	N.D.		
30) Nnitrosodiphenylamine	20.51	169	32914	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	25.05	149	284469	0.72	ug/L	99

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

9519.D 052202.M Wed May 22 11:32:14 2002

Page 1

Quantitation Report

(Q1 Reviewed)

Data File : C:\MSDCHEM\1\DATA\052102\9519.D

Vial: 14

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Misc :

Multiplr: 1.00

MS Integration Params: EVENTS.E

Quant Time: May 22 11:31:59 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 22 11:26:33 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
9519.D 052202.M Wed May 22 11:32:15 2002 Page 2

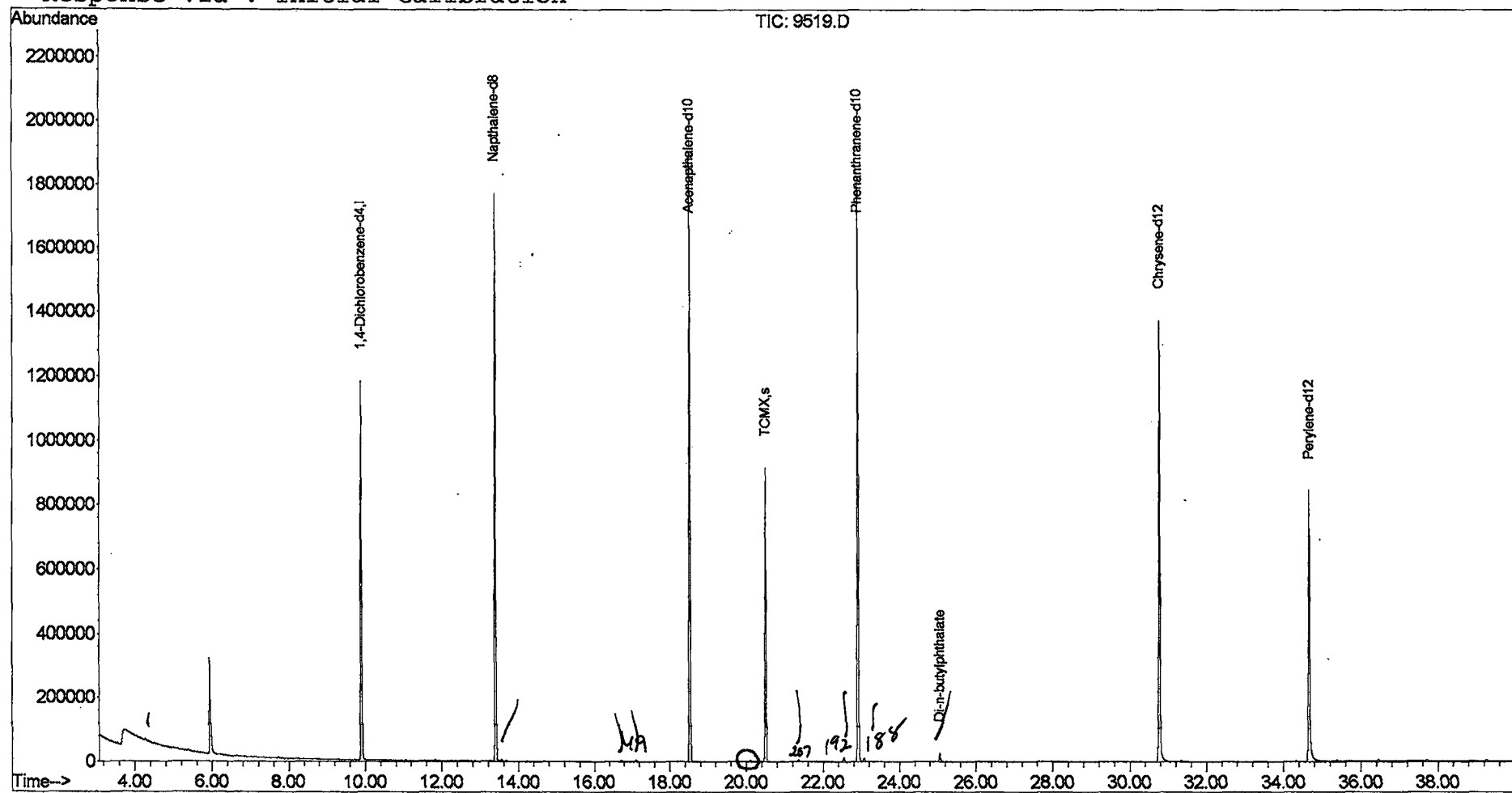
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052102\9519.D
 Acq On : 21 May 2002 11:55 pm
 Sample : re-extract
 Misc :
 MS Integration Params: EVENTS.E
 Quant Time: May 22 11:32 2002

Vial: 14
 Operator: Mclean
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: 052202.RES

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
 Title : 508 Modified GC/MS scan
 Last Update : Wed May 22 11:26:33 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052102\9519.D

Vial: 14

Acq On : 21 May 2002 11:55 pm

Operator: Mclean

Sample : re-extract

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.e

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)

Title : 508 Modified GC/MS scan

Signal : TIC

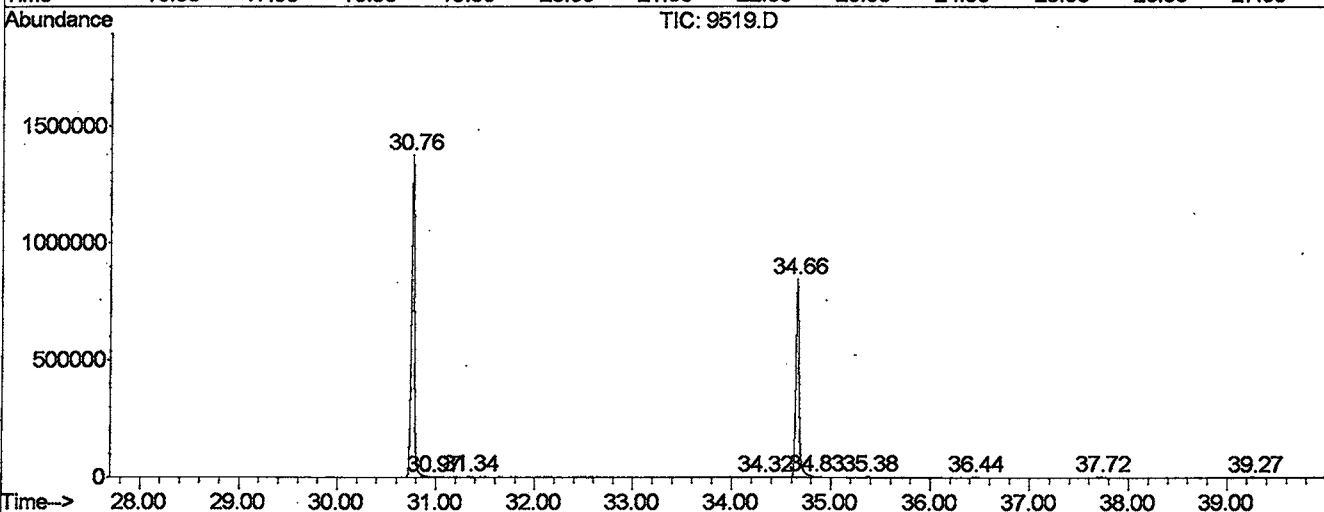
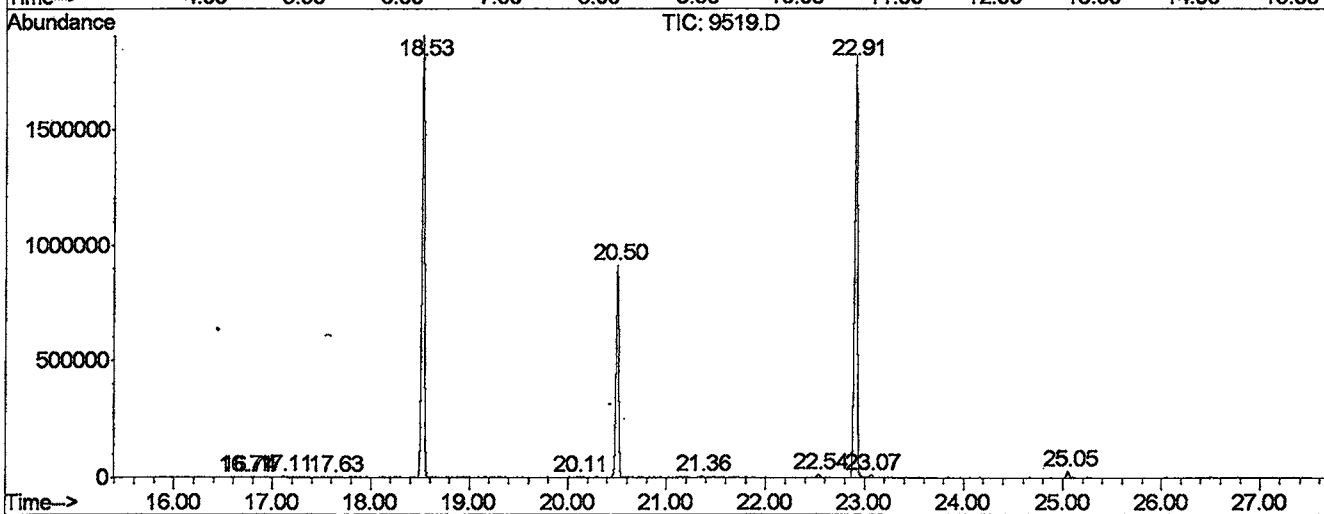
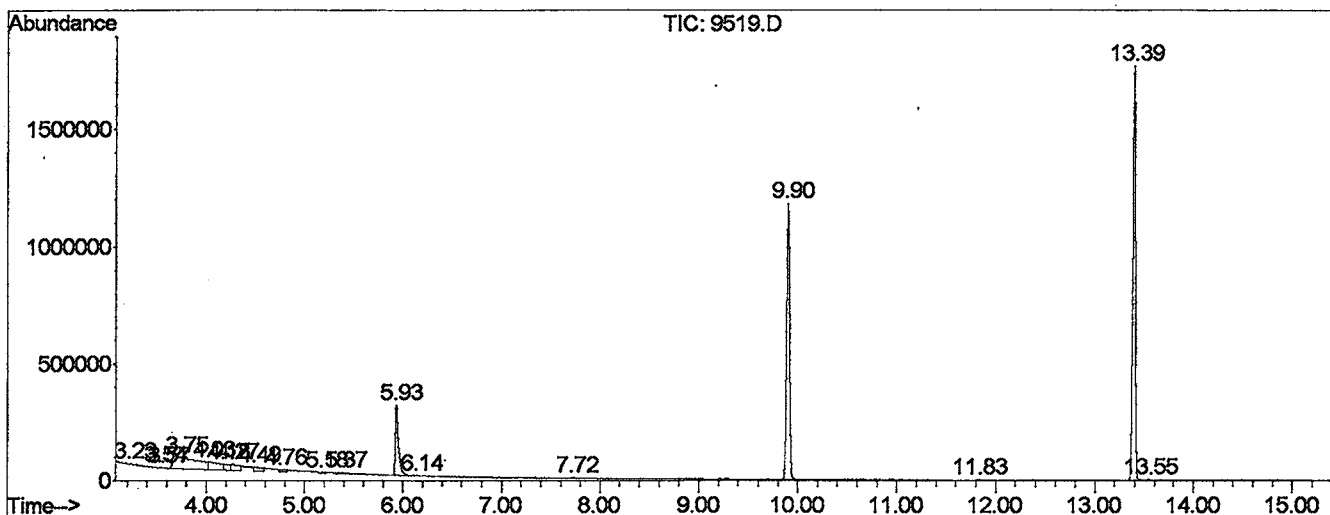
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.232	24	26	41	VV 4	3234	108744	0.30%	0.050%
2	3.543	74	79	82	PV 5	4287	67032	0.19%	0.031%
3	3.573	82	84	87	PV 4	2129	17578	0.05%	0.008%
4	3.749	94	114	160	PV 6	47999	8621738	24.05%	3.972%
5	4.031	160	162	186	VV 4	33736	2709672	7.56%	1.248%
6	4.184	186	188	198	VV 9	26135	1049986	2.93%	0.484%
7	4.272	198	203	216	VV 9	27321	1438349	4.01%	0.663%
8	4.489	238	240	257	VV 10	17842	983916	2.74%	0.453%
9	4.760	284	286	296	VV 10	10352	411935	1.15%	0.190%
10	5.177	353	357	364	VV 7	4662	141350	0.39%	0.065%
11	5.371	382	390	400	VV 8	6234	237402	0.66%	0.109%
12	5.935	479	486	508	PV	301772	6536860	18.24%	3.011%
13	6.140	519	521	528	PV 7	1665	16171	0.05%	0.007%
14	7.715	785	789	802	PV 6	4138	101954	0.28%	0.047%
15	9.901	1150	1161	1181	PV	1162431	23851547	66.54%	10.988%
16	11.828	1484	1489	1494	PV 4	3164	47481	0.13%	0.022%
17	13.391	1746	1755	1773	PV	1747209	31913659	89.03%	14.702%
18	13.544	1773	1781	1791	VV 2	5157	105151	0.29%	0.048%
19	16.711	2314	2320	2323	PV 2	3286	53733	0.15%	0.025%
20	16.740	2323	2325	2327	VV 2	2138	26019	0.07%	0.012%
21	17.110	2383	2388	2394	VV 4	5276	79543	0.22%	0.037%
22	17.627	2467	2476	2481	VV 5	2101	37531	0.10%	0.017%
23	18.526	2613	2629	2650	VV	1869971	35426898	98.83%	16.321%
24	20.107	2893	2898	2904	VV 3	3740	58012	0.16%	0.027%
25	20.506	2955	2966	2974	VV	903707	16970982	47.34%	7.818%
26	21.358	3103	3111	3119	VV 5	5468	104247	0.29%	0.048%
27	22.539	3304	3312	3322	BV 2	12837	227818	0.64%	0.105%
28	22.909	3355	3375	3391	PV 2	1786441	35847614	100.00%	16.515%
29	23.068	3396	3402	3410	VV	10842	216049	0.60%	0.100%
30	25.054	3731	3740	3765	PV	26130	511592	1.43%	0.236%
31	30.759	4697	4711	4745	PV 2	1351116	29724228	82.92%	13.694%
32	30.965	4745	4746	4754	VV 4	1828	32206	0.09%	0.015%
33	31.335	4801	4809	4824	PV 6	4737	84376	0.24%	0.039%
34	34.320	5309	5317	5322	PV 6	2557	61082	0.17%	0.028%
35	34.660	5347	5375	5403	PV 2	830920	18900033	52.72%	8.707%
36	34.831	5403	5404	5414	VV 7	3244	59123	0.16%	0.027%
37	35.377	5490	5497	5506	VV 5	3565	82006	0.23%	0.038%

38	36.441	5674	5678	5690	VV 6	2675	77961	0.22%	0.036%
39	37.716	5882	5895	5897	PV 7	1779	41857	0.12%	0.019%
40	39.267	6143	6159	6167	PV 7	1913	80206	0.22%	0.037%

Sum of corrected areas: 217063642

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052102\9519.D
 Operator : Mclean
 Acquired : 21 May 2002 11:55 pm using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: re-extract
 Misc Info :
 Vial Number: 14
 Quant File :052202.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9519.D

Acq On : 21 May 2002 11:55 pm

Sample : re-extract

Misc :

MS Integration Params: LSCINT.e

Vial: 14

Operator: Mclean

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)

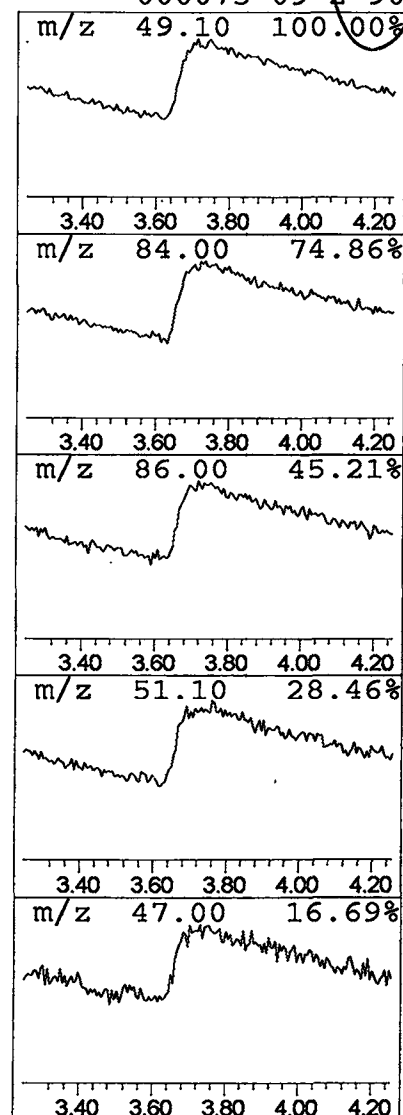
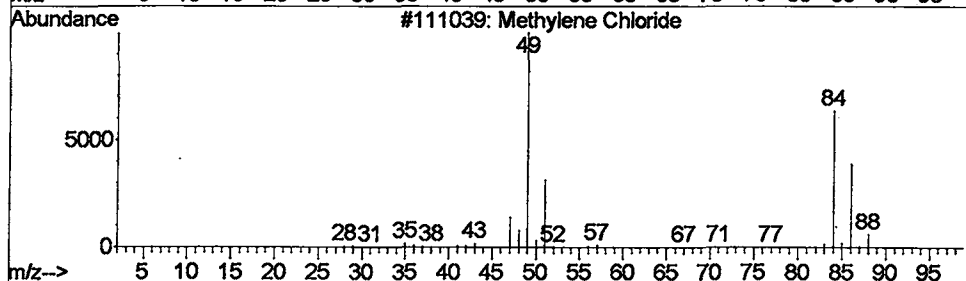
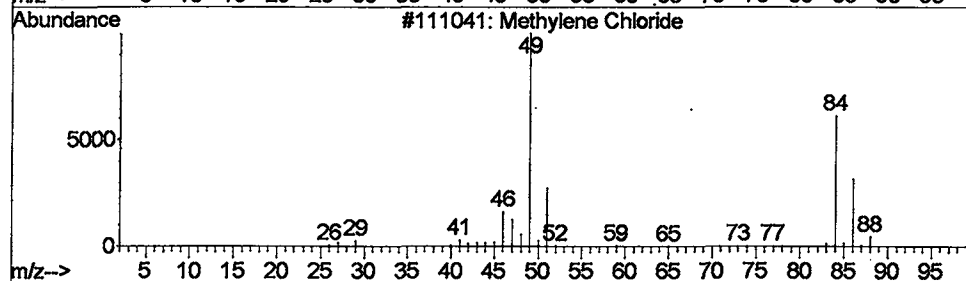
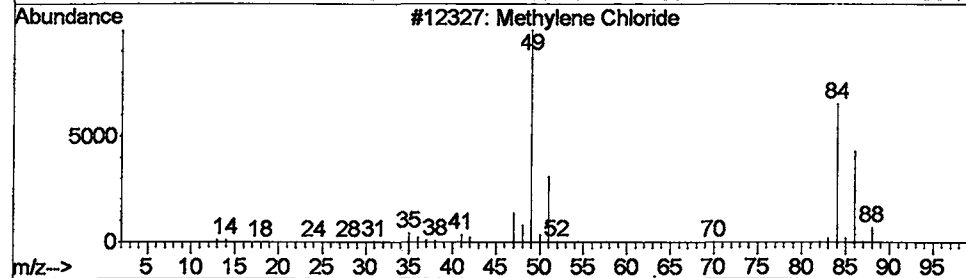
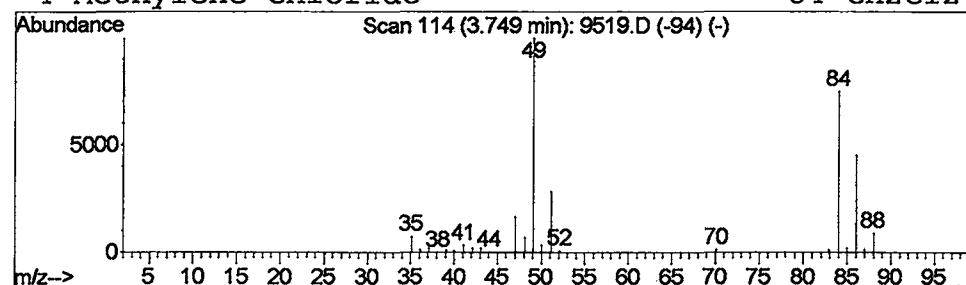
Title : 508 Modified GC/MS scan

Library : C:\DATABASE\NIST98.L

Peak Number 1 Methylene Chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	14.46 ug/L	8621740	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	91
3			Methylene Chloride	84	CH2Cl2	000075-09-2	91
4			Methylene Chloride	84	CH2Cl2	000075-09-2	90



Library Search Compound Report

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Acq On : 21 May 2002 11:55 pm
Sample : re-extract
Misc :
MS Integration Params: LSCINT.e

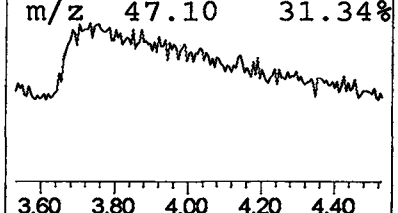
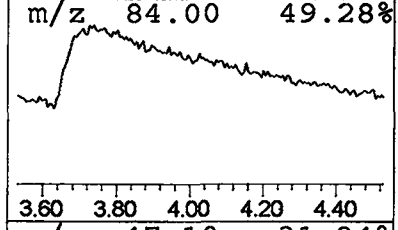
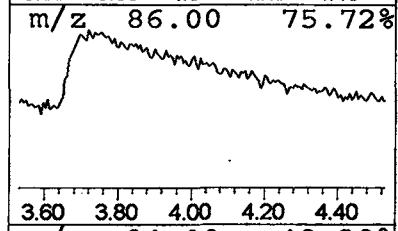
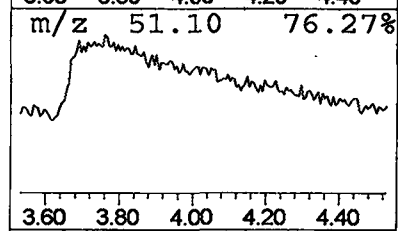
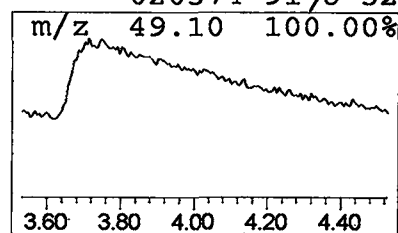
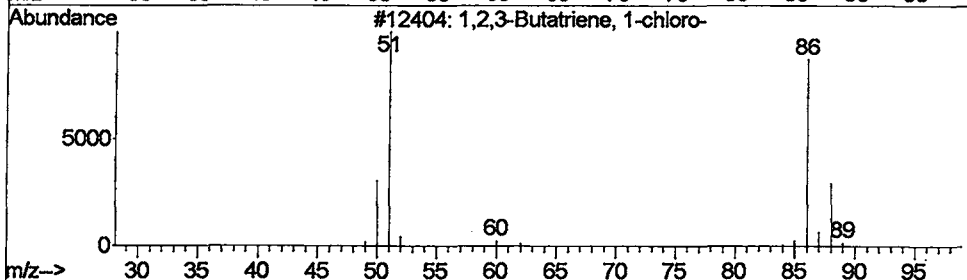
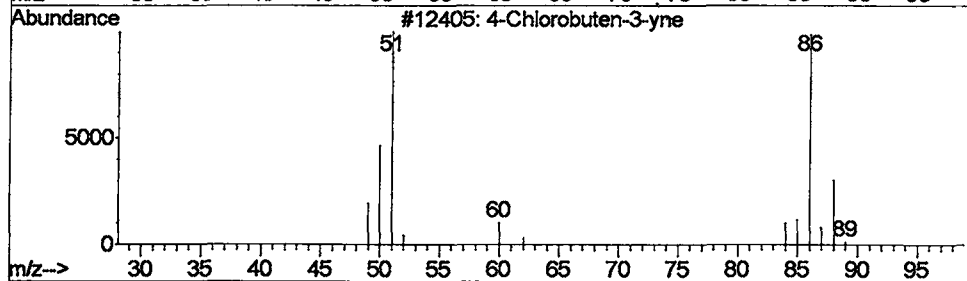
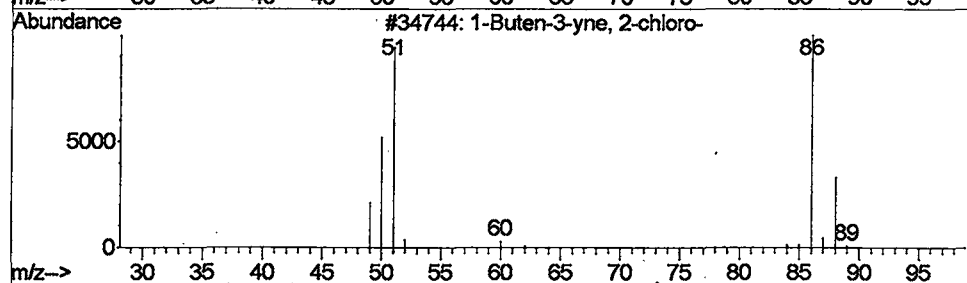
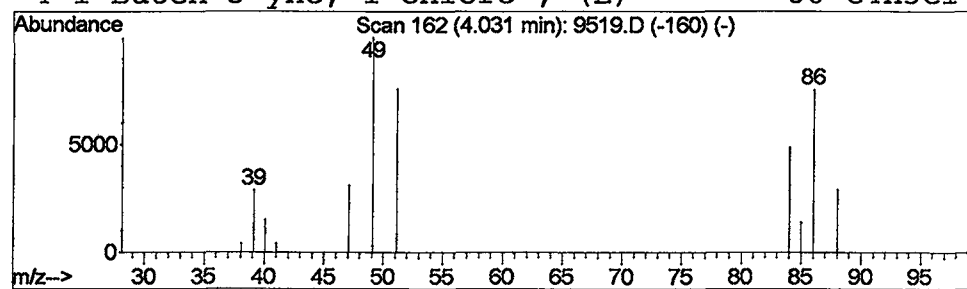
Vial: 14
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 1-Buten-3-yne, 2-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	4.54 ug/L	2709670	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	43
2		4-Chlorobuten-3-yne	86	C4H3Cl	040589-38-6	43
3		1,2,3-Butatriene, 1-chloro-	86	C4H3Cl	020658-21-3	38
4		1-Buten-3-yne, 1-chloro-, (E)-	86	C4H3Cl	020374-91-8	32



Library Search Compound Report

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 Sample : re-extract
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 MS Integration Params: LSCINT.e

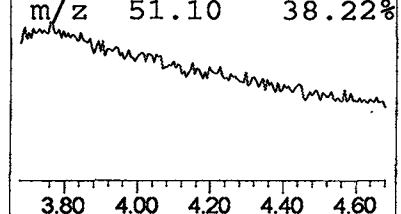
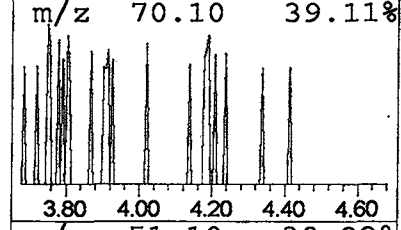
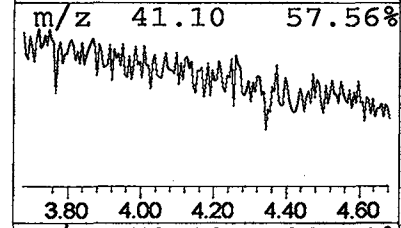
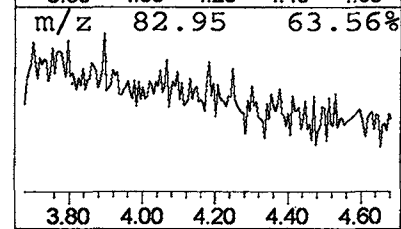
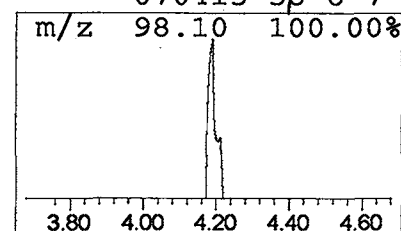
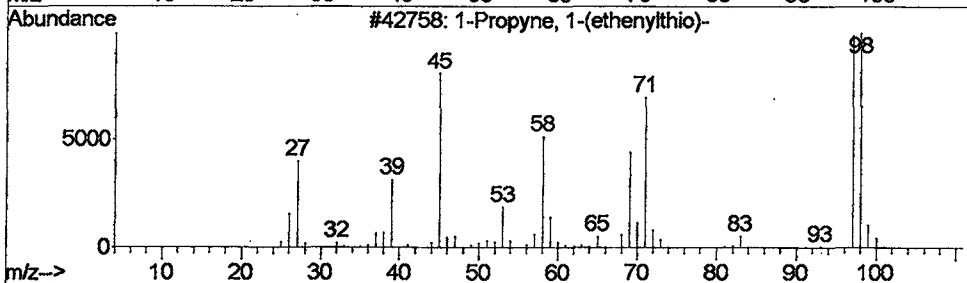
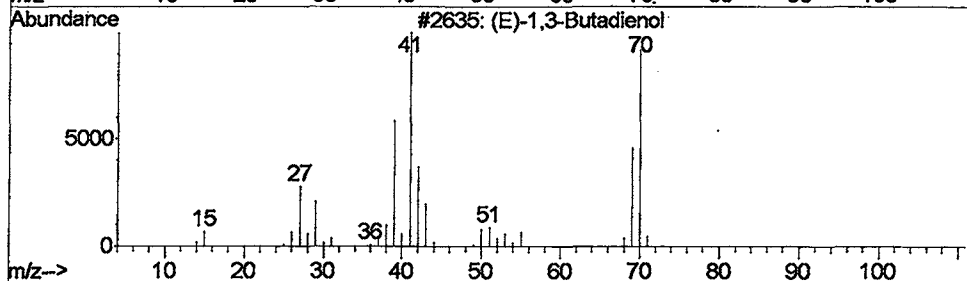
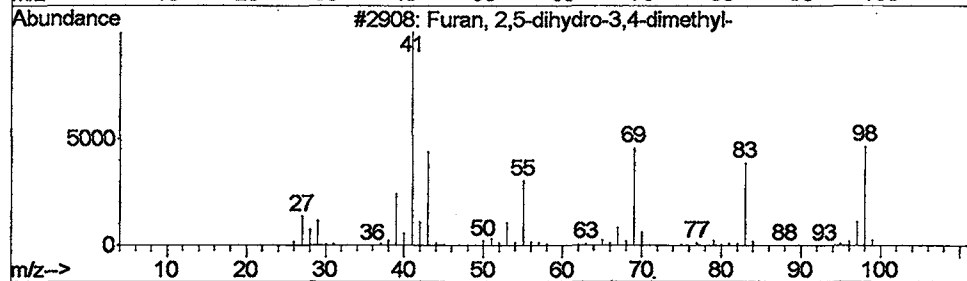
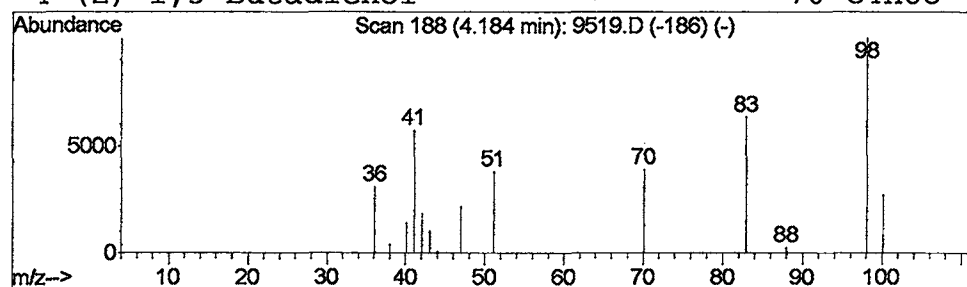
Vial: 14
 Operator: Mclean
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 Furan, 2,5-dihydro-3,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	1.76 ug/L	1049990	1,4-Dichlorobenzene-d4	9.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Furan, 2,5-dihydro-3,4-dimethyl-	98	C6H10O	053720-72-2	9
2		(E)-1,3-Butadienol	70	C4H6O	070411-98-2	9
3		1-Propyne, 1-(ethenylthio)-	98	C5H6S	058547-36-7	9
4		(Z)-1,3-Butadienol	70	C4H6O	070415-58-6	7



Library Search Compound Report

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Sample : re-extract
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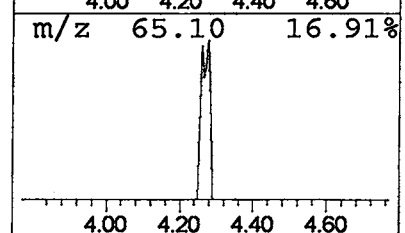
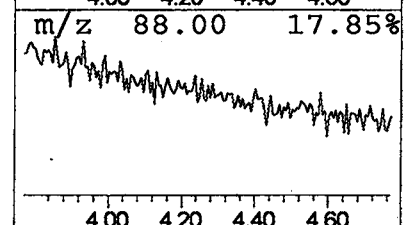
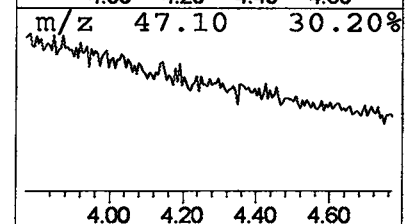
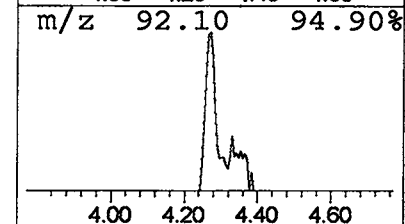
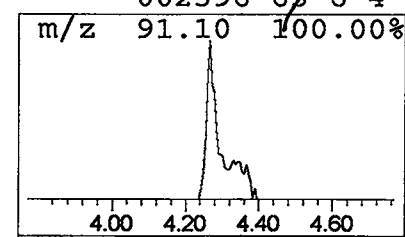
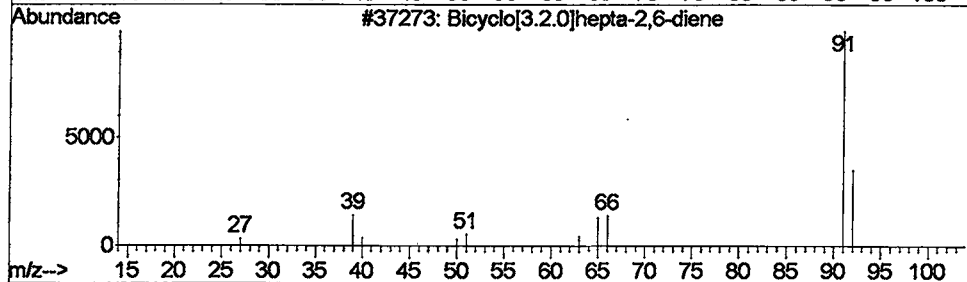
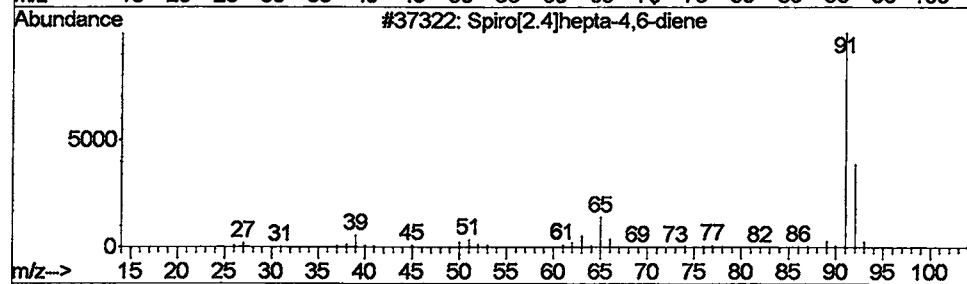
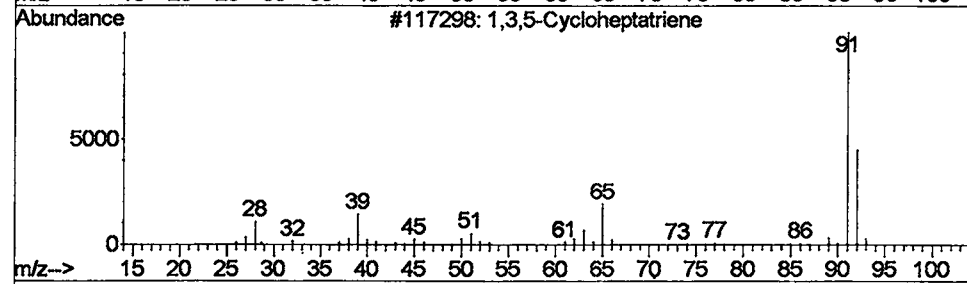
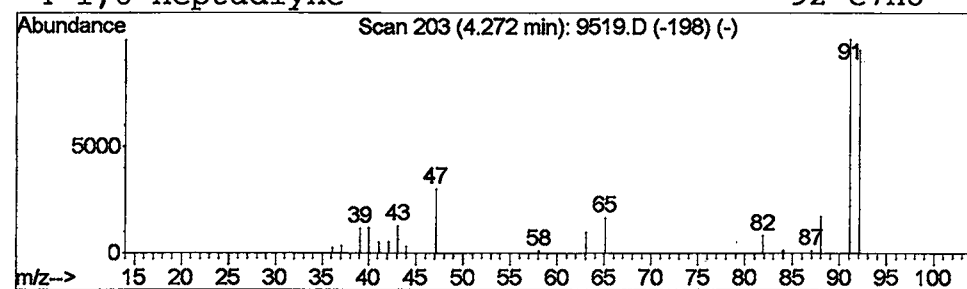
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Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 4 1,3,5-Cycloheptatriene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	2.41 ug/L	1438350	1,4-Dichlorobenzene-d4	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	5
2			Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	5
3			Bicyclo[3.2.0]hepta-2,6-diene	92	C7H8	002422-86-8	4
4			1,6-Heptadiyne	92	C7H8	002396-63-6	4



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9519.D
Acq On : 21 May 2002 11:55 pm
Sample : re-extract
Misc :
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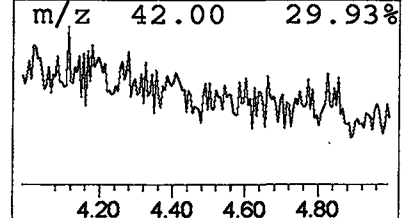
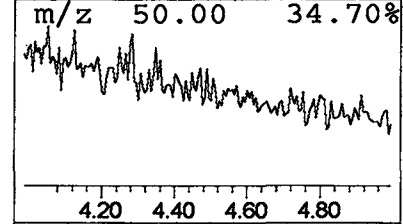
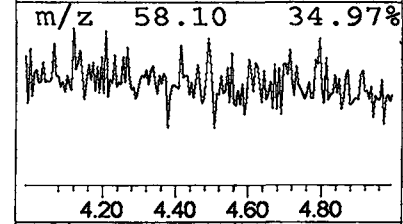
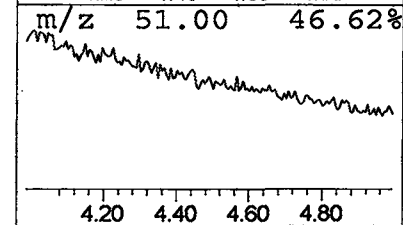
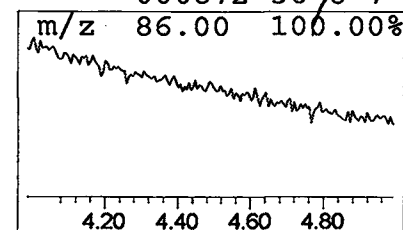
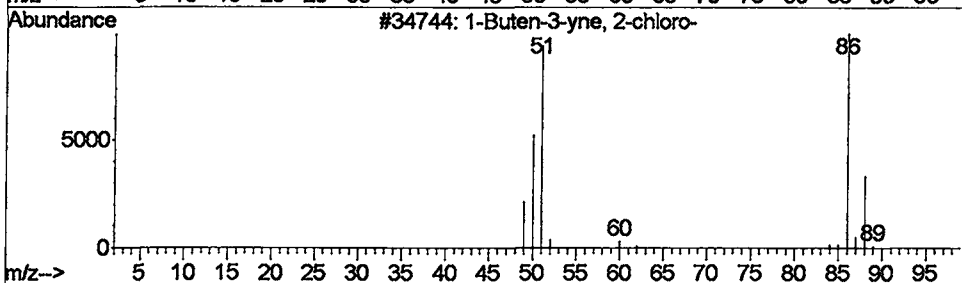
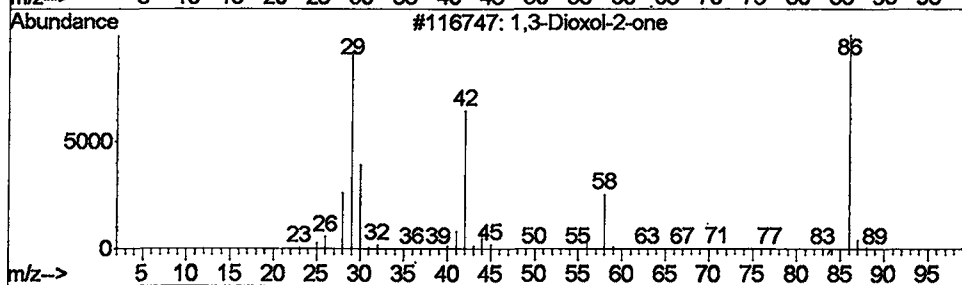
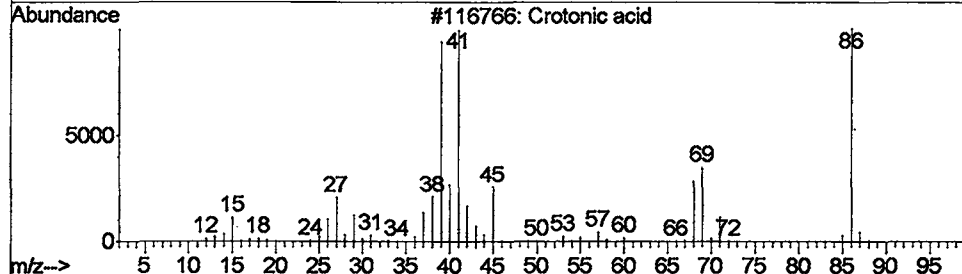
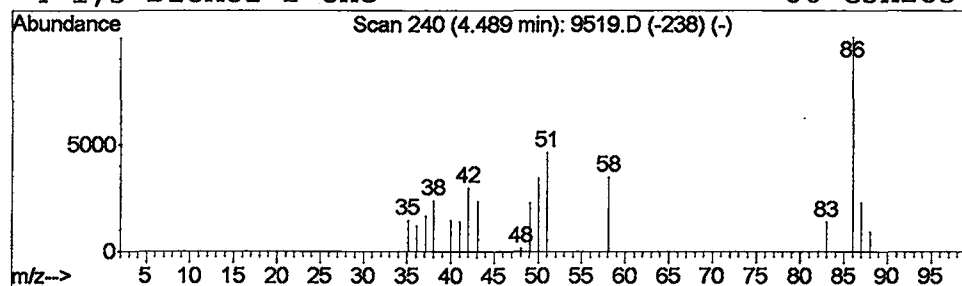
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Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 5 Crotonic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.49	1.65 ug/L	983916	1,4-Dichlorobenzene-d4	9.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Crotonic acid	86	C4H6O2	003724-65-0	23
2		1,3-Dioxol-2-one	86	C3H2O3	000872-36-6	7
3		1-Buten-3-yne, 2-chloro-	86	C4H3Cl	017712-36-6	7
4		1,3-Dioxol-2-one	86	C3H2O3	000872-36-6	7



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9519.D
Acq On : 21 May 2002 11:55 pm
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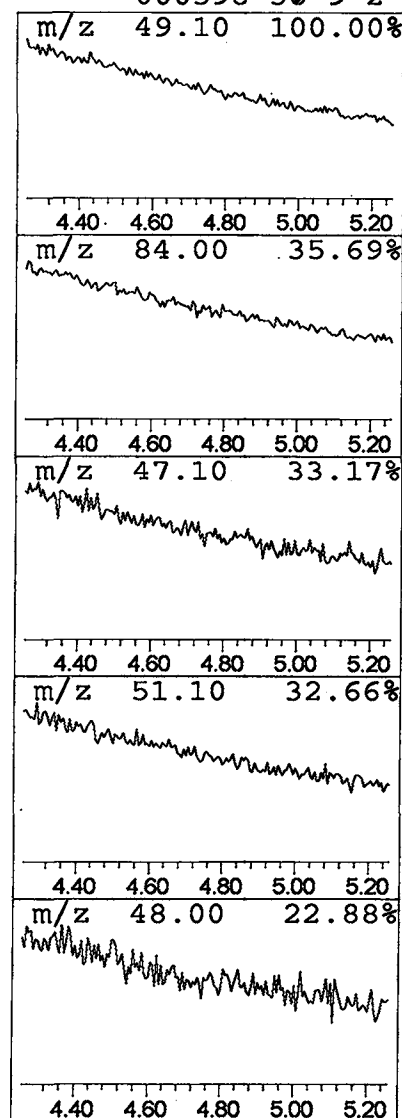
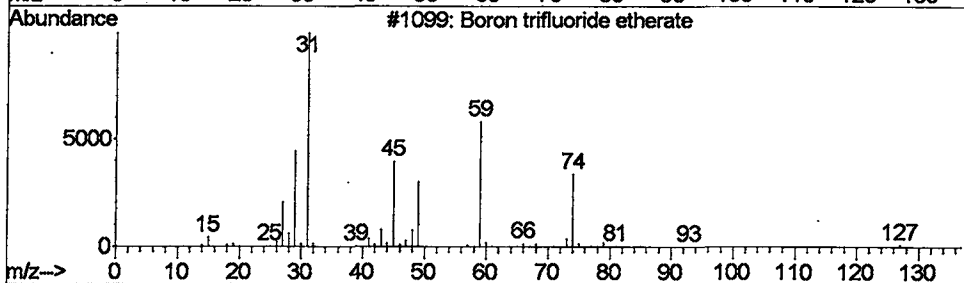
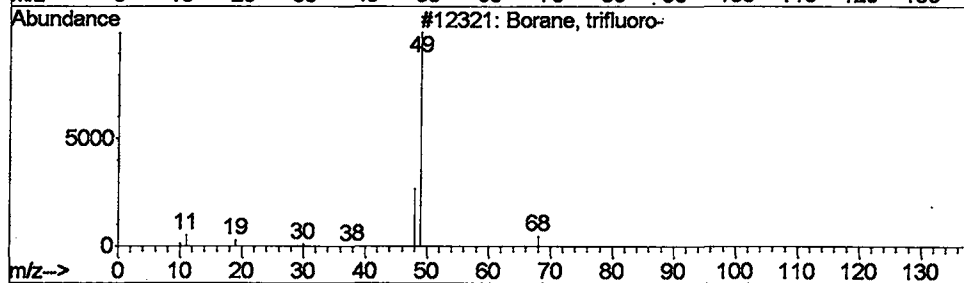
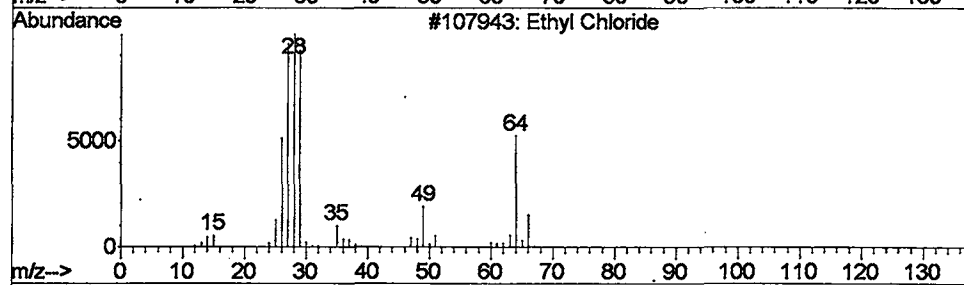
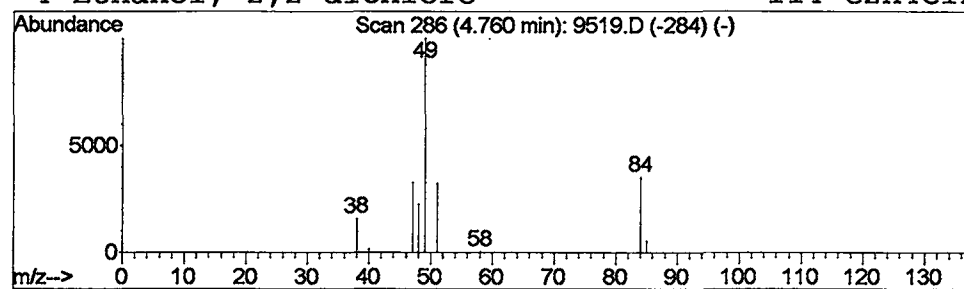
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Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 6 Ethyl Chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	0.69 ug/L	411935	1,4-Dichlorobenzene-d4	9.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	9	
2	Borane, trifluoro-	68	BF3	007637-07-2	2	
3	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	2	
4	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	2	



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9519.D
Acq On : 21 May 2002 11:55 pm
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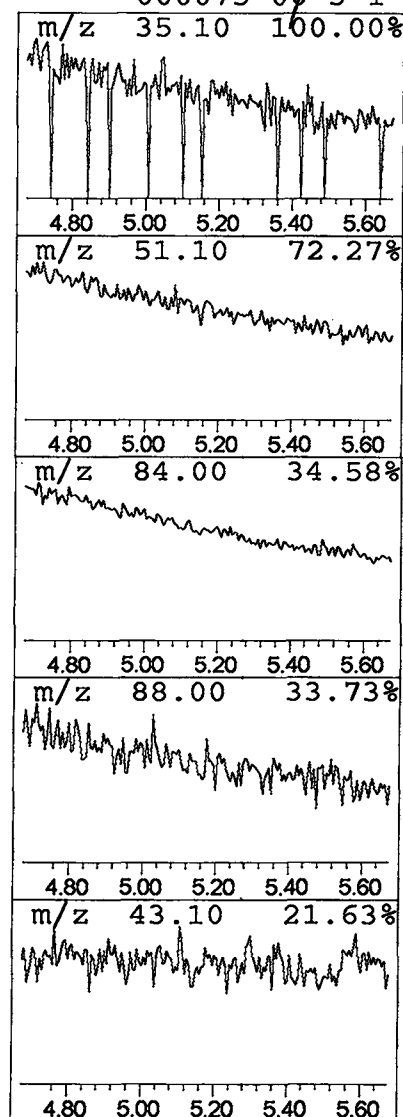
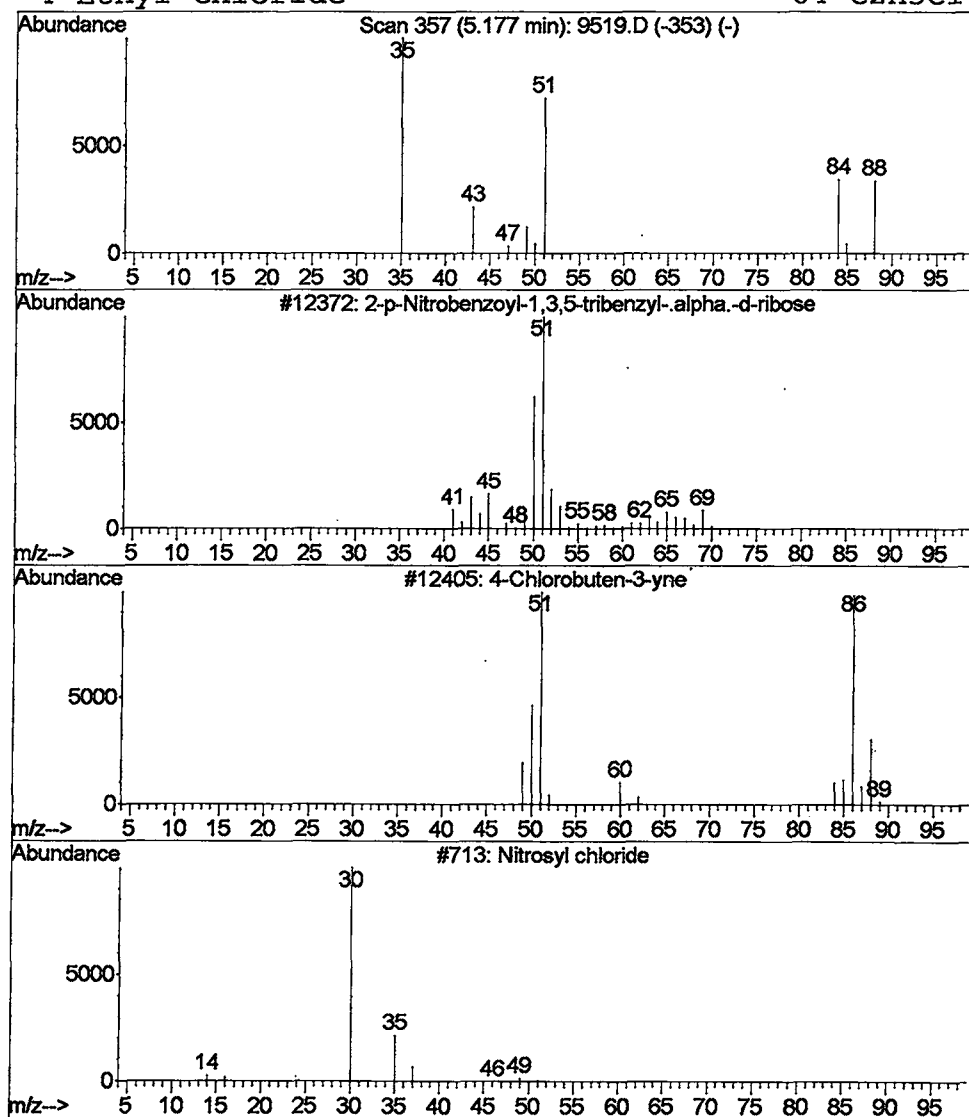
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Multiplr: 1.00

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

Peak Number 7 2-p-Nitrobenzoyl-1,3,5-trib... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	0.24 ug/L	141350	1,4-Dichlorobenzene-d4	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-p-Nitrobenzoyl-1,3,5-tribenzyl...	569	C33H31NO8	1000129-85-6	2
2			4-Chlorobuten-3-yne	86	C4H3Cl	040589-38-6	2
3			Nitrosyl chloride	65	ClNO	002696-92-6	2
4			Ethyl Chloride	64	C2H5Cl	000075-00-3	1



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9519.D

Acq On : 21 May 2002 11:55 pm

Sample : re-extract

Misc :

MS Integration Params: LSCINT.e

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Inst : Instrumen

Multiplr: 1.00

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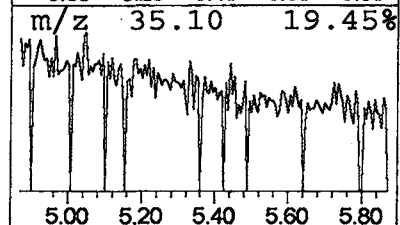
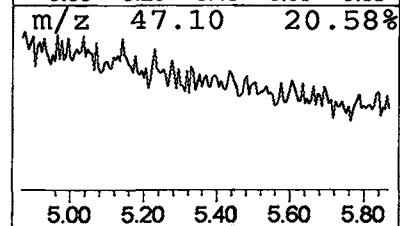
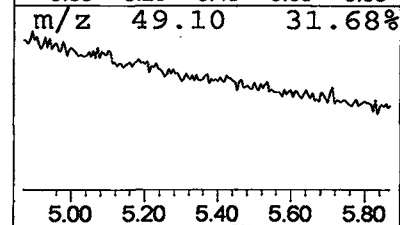
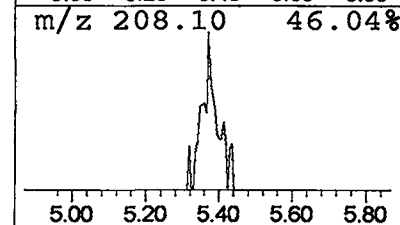
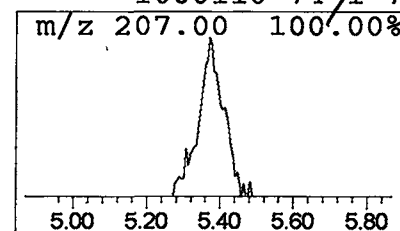
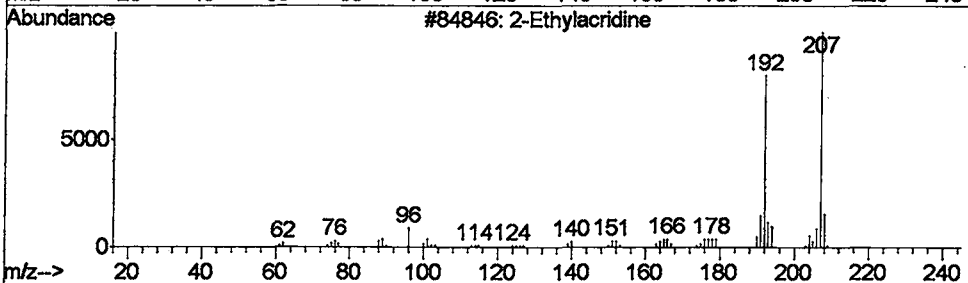
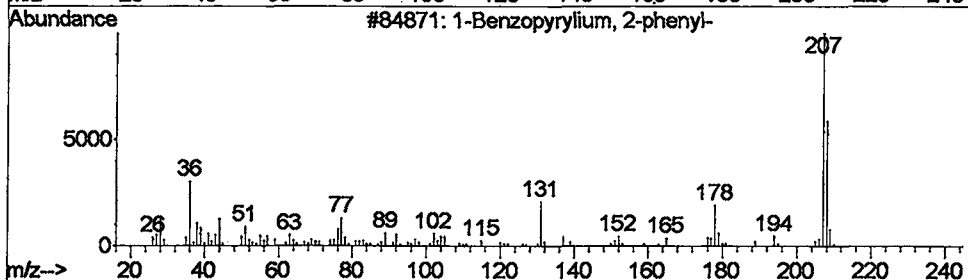
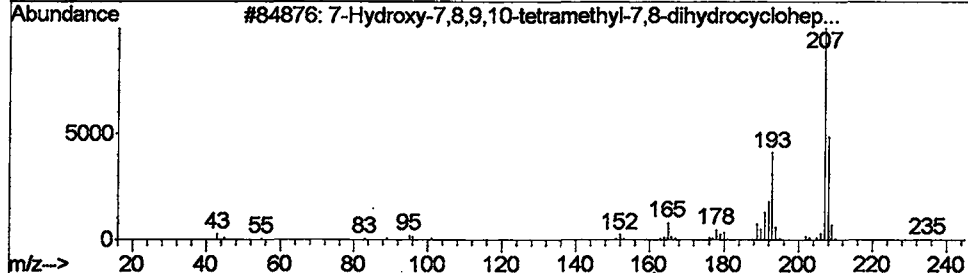
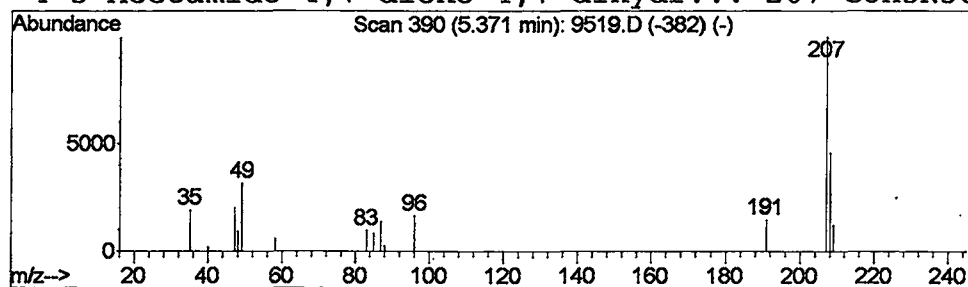
Title : 508 Modified GC/MS scan

Library : C:\DATABASE\NIST98.L

Peak Number 8 7-Hydroxy-7,8,9,10-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	0.40 ug/L	237402	1,4-Dichlorobenzene-d4	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Hydroxy-7,8,9,10-tetramethyl-7...	252	C18H20O	1000110-34-9	23
2		1-Benzopyrylium, 2-phenyl-	207	C15H11O	014051-53-7	9
3		2-Ethylacridine	207	C15H13N	1000147-64-9	7
4		5-Acetamido-4,7-dioxo-4,7-dihydr...	207	C8H5N3O4	1000110-74-1	7



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9519.D
Acq On : 21 May 2002 11:55 pm
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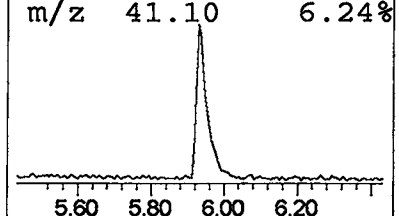
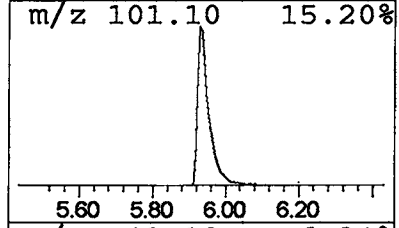
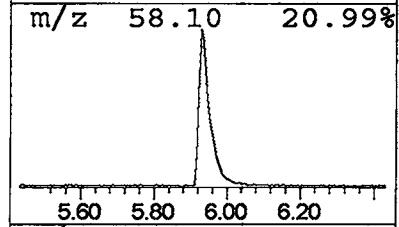
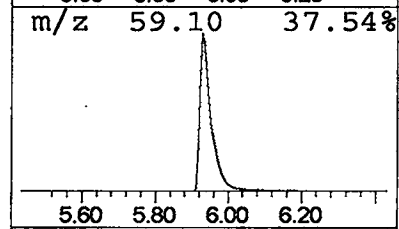
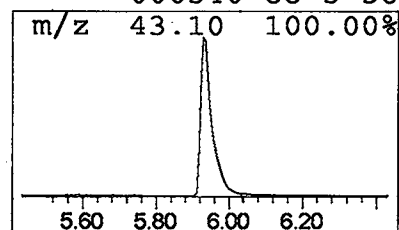
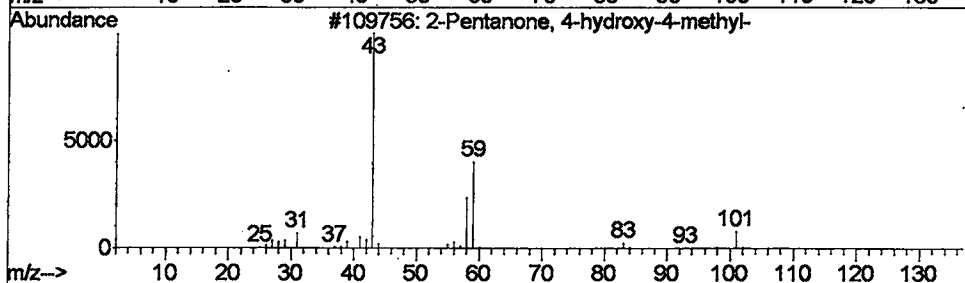
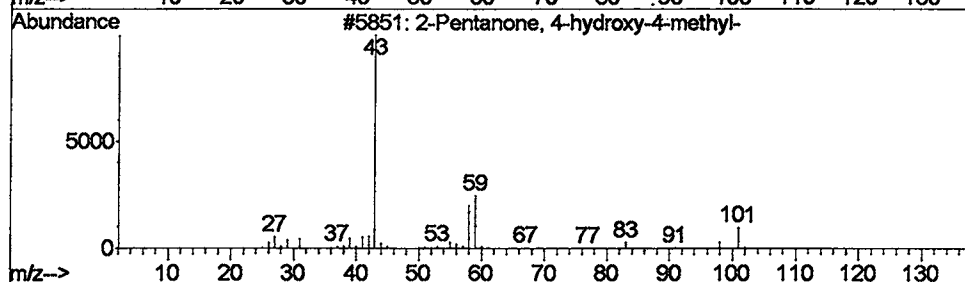
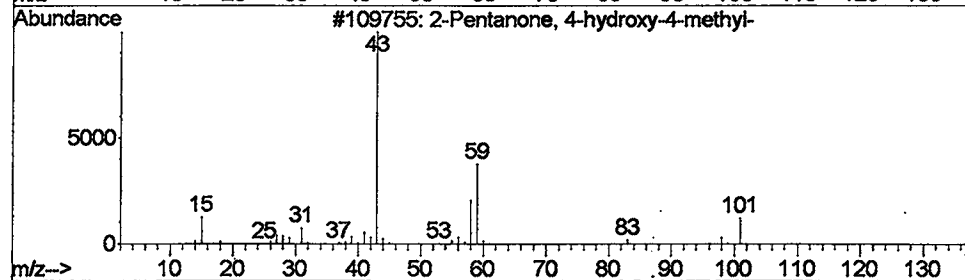
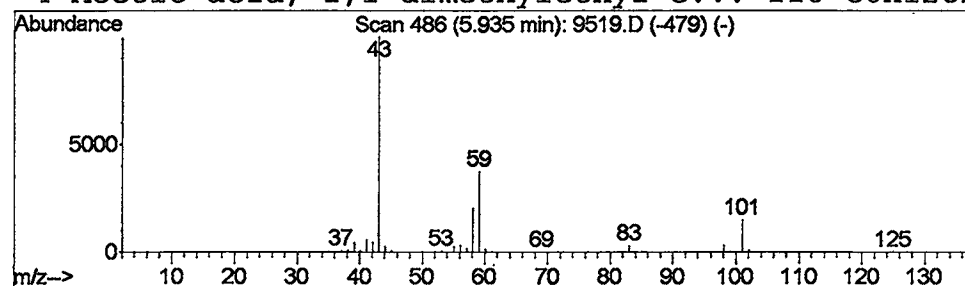
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Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 9 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	10.96 ug/L	6536860	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			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9519.D
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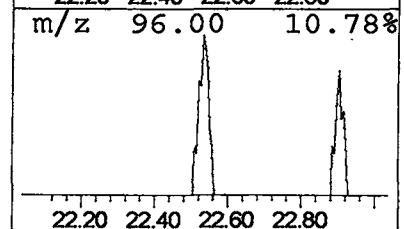
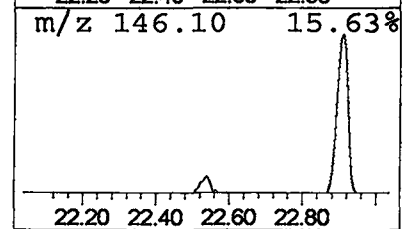
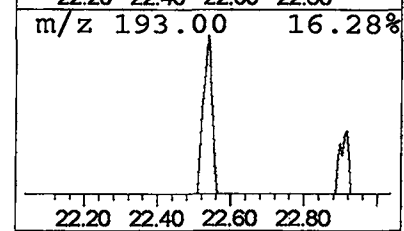
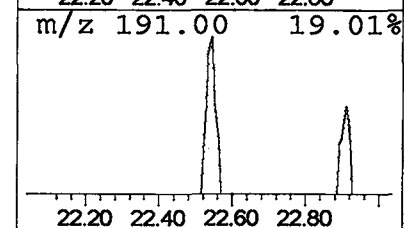
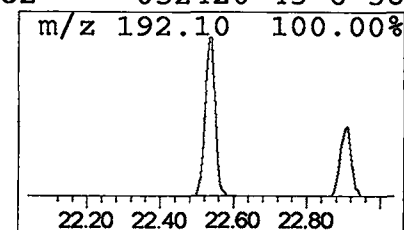
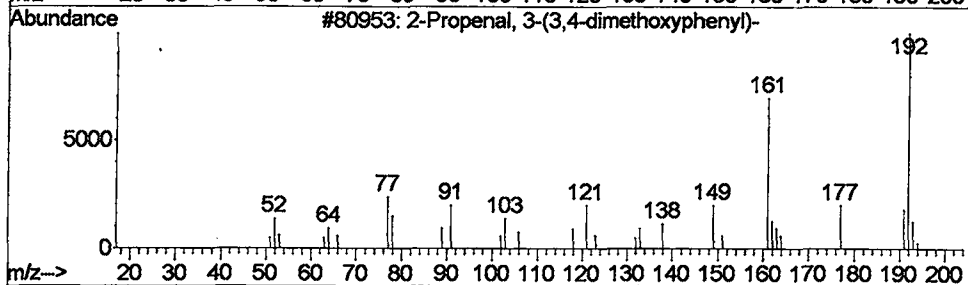
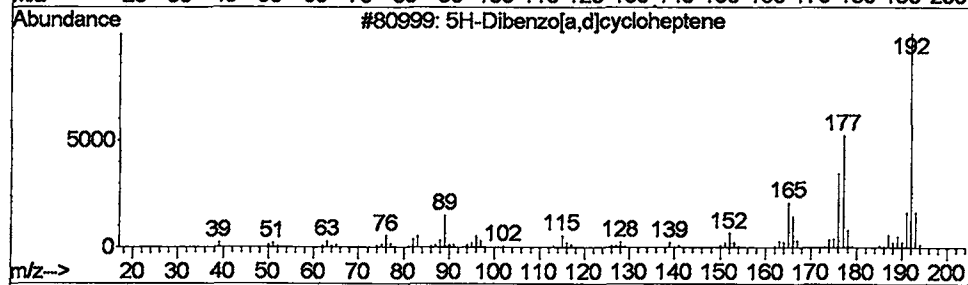
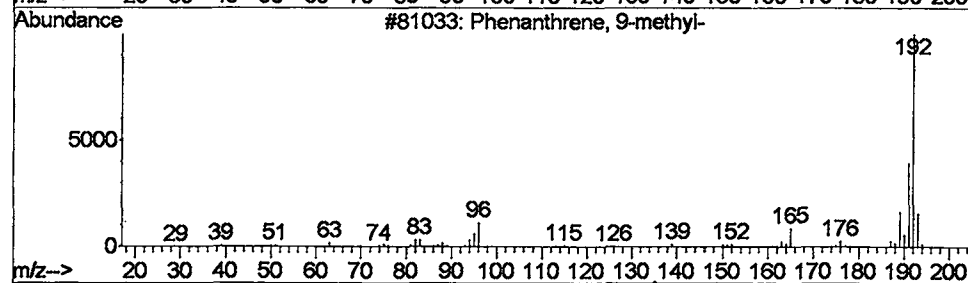
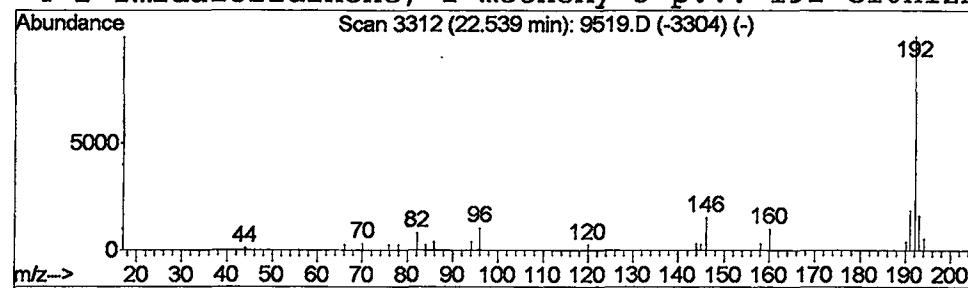
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Multiplr: 1.00

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

Peak Number 10 Phenanthrene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	0.25 ug/L	227818	Phenanthranene-d10	22.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	59
2			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	45
3			2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42
4			2-Imidazolidinone, 1-methoxy-3-p...	192	C10H12N2O2	052420-43-6	38



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9519.D
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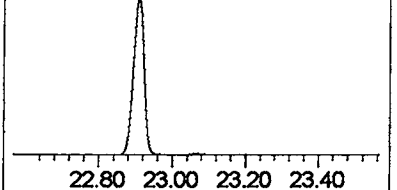
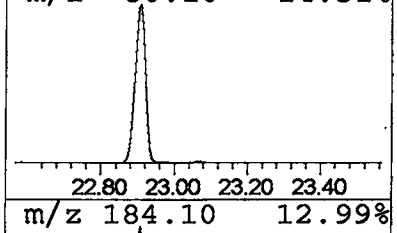
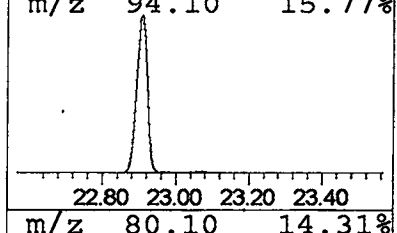
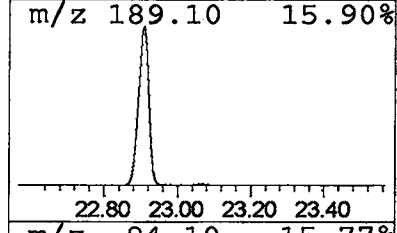
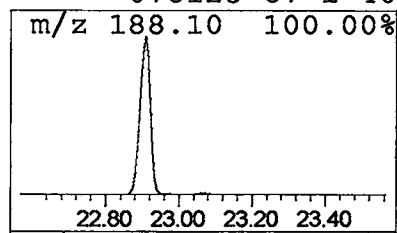
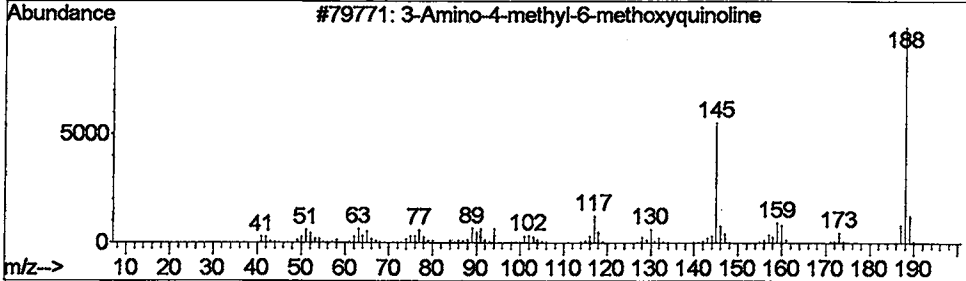
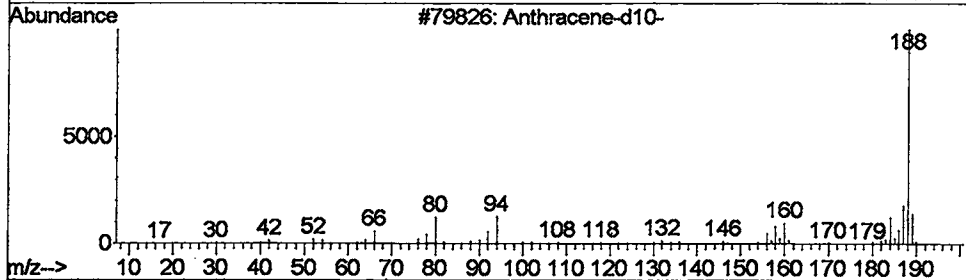
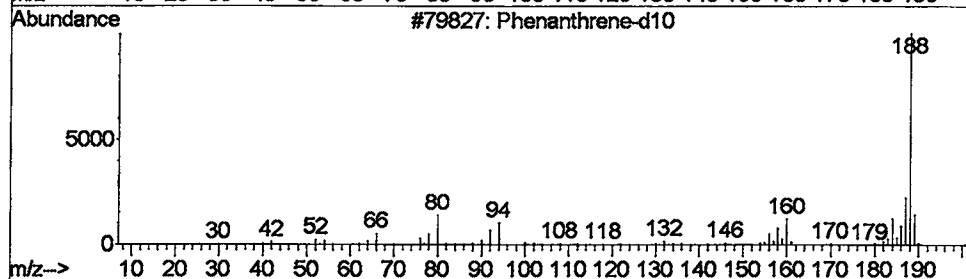
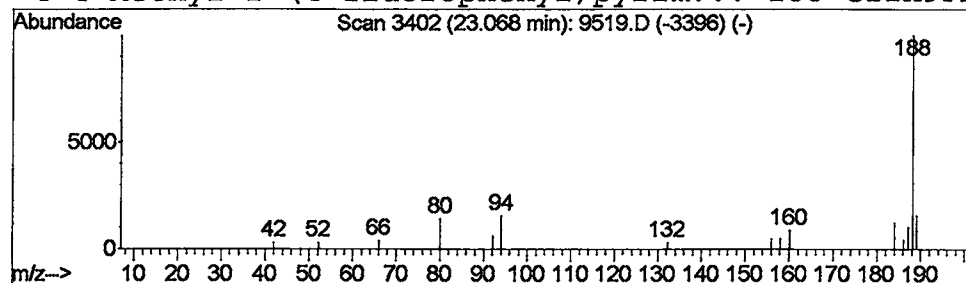
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 Multiplr: 1.00

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

 Peak Number 11 Phenanthrene-d10 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	0.24 ug/L	216049	Phenanthranene-d10	22.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene-d10	188	C14D10	001517-22-2	80
2		Anthracene-d10-	188	C14D10	001719-06-8	64
3		3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	42
4		4-Methyl-2-(4-fluorophenyl)pyrim...	188	C11H9FN2	076128-67-1	40



tentatively identified compound (LSC) summary

Operator ID: Mclean Date Acquired: 21 May 2002 11:55 pm
Data File: C:\MSDCHEM\1\DATA\052102\9519.D
Name: re-extract
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
Methylene Chloride	3.75	14.5	ug/L	8621740	1	9.90	23851500	40.0
1-Buten-3-yne, 2-...	4.03	4.5	ug/L	2709670	1	9.90	23851500	40.0
Furan, 2,5-dihydr...	4.18	1.8	ug/L	1049990	1	9.90	23851500	40.0
1,3,5-Cycloheptat...	4.27	2.4	ug/L	1438350	1	9.90	23851500	40.0
Crotonic acid	4.49	1.7	ug/L	983916	1	9.90	23851500	40.0
Ethyl Chloride	4.76	0.7	ug/L	411935	1	9.90	23851500	40.0
2-p-Nitrobenzoyl-...	5.18	0.2	ug/L	141350	1	9.90	23851500	40.0
7-Hydroxy-7,8,9,1...	5.37	0.4	ug/L	237402	1	9.90	23851500	40.0
2-Pentanone, 4-hy...	5.93	11.0	ug/L	6536860	1	9.90	23851500	40.0
Phenanthrene, 9-m...	22.54	0.3	ug/L	227818	4	22.91	35847600	40.0
Phenanthrene-d10	23.07	0.2	ug/L	216049	4	22.91	35847600	40.0