User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/27/2002 Time: 09:00:19

Sample: AE01139
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/27/02 09:00 Ended: 2/27/02 09:00 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		5.0

Comments for Sample AE01139 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-27-2002 Time: 09:00:28

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 16 of the 43 compounds in the LCS Standard were above their acceptance ranges, while 3 of the 43 compounds were below their acceptance ranges.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB25\01139.D Vial: 5
Acq On : 25 Feb 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 25, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 26 08:28:37 2002 Quant Results File: HP022102.RES

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration
DataAcq Meth : HP020702

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1129621	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	4752566	20.00	ug/L	0.00
17) Acenaphthene-d10	18.33	164	2319236	20.00	ug/L	0.00
29) Phenanthrene-d10	22.63	188	4109873	20.00	ug/L	-0.01
38) Chrysene-d12	30.49	240	3042466	20.00	ug/L	-0.03
44) Perylene-d12	34.41	264	1901594	20.00	ug/L	-0.04
System Monitoring Compounds						
37) 2,4-DDD	27.72	235	207384	3.79	ug/L	0.00
Spiked Amount 5.000			Recovery = 75.80%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.33	163	378391	2.69	ug/L #	58
21) 2,6-Dinitrotoluene	18.33	165	294715	9.07	ug/L #	27

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

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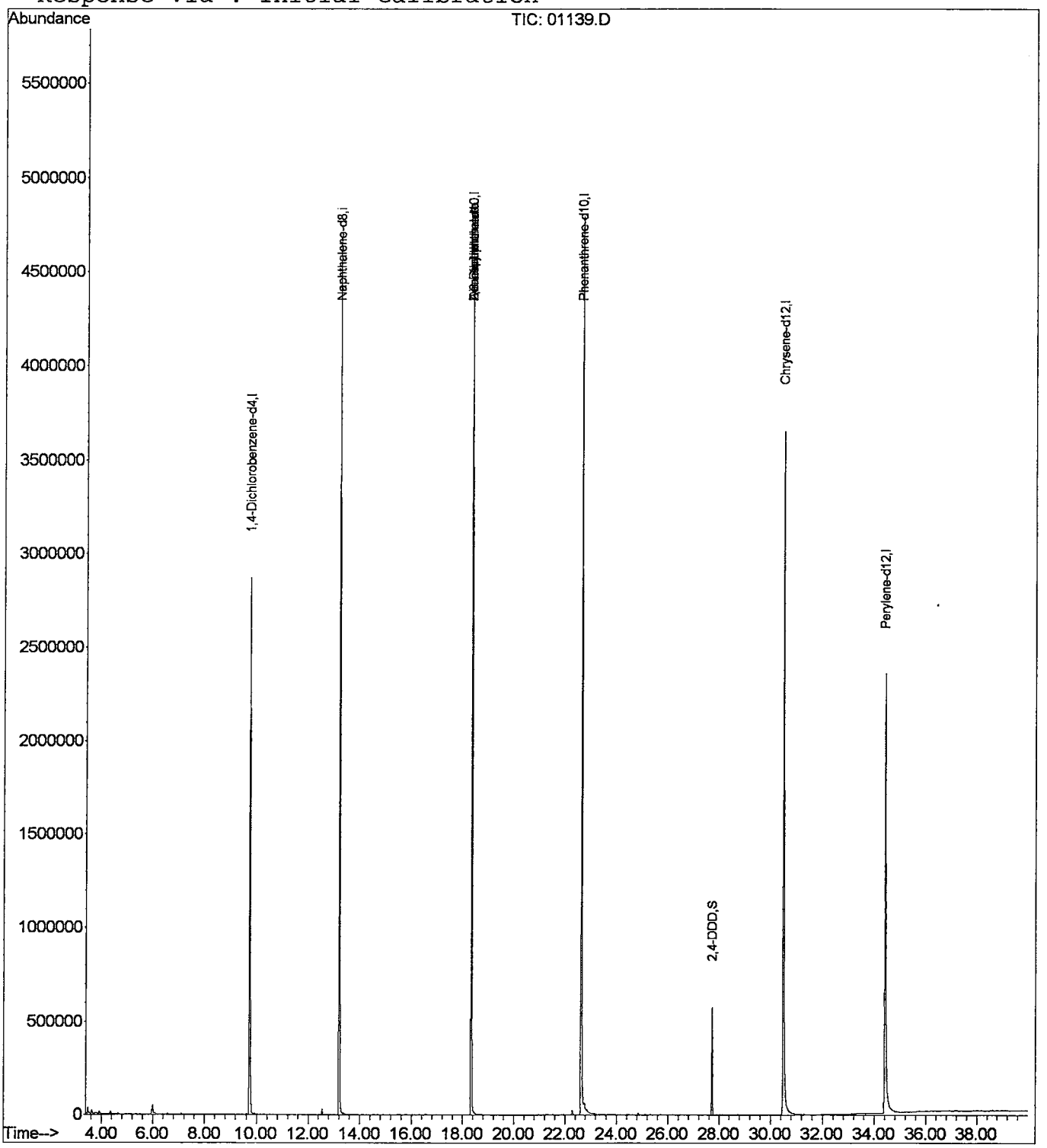
Misc : February 25, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 26 8:28 2002 Quant Results File: HP022102.R

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Last Update : Mon Feb 25 10:47:59 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\5973N\02FEB25\01139.D Vial: 5
Acq On : 25 Feb 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title : 508 scan method
Smoothing : OFF Filtering: 5
Sampling : 2 Min Area: 100 Area counts
Start Thrs: 0.2 Max Peaks: 20
Stop Thrs : 0 Peak Location: TOP

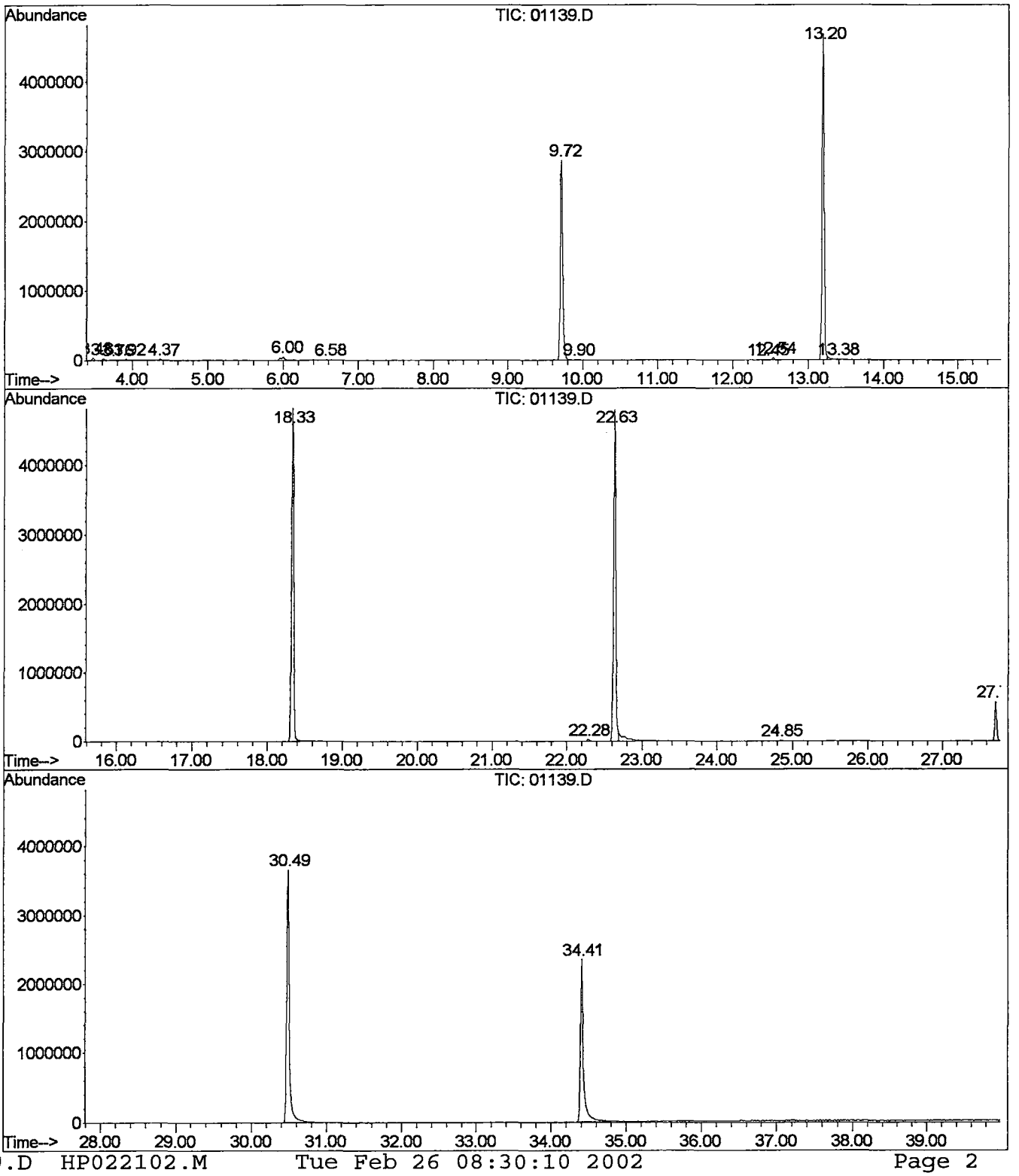
If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.475	7	9	13	rBV	32571	46697	0.47%	0.091%
2	3.611	17	21	25	rBV	20773	33514	0.34%	0.065%
3	3.758	31	34	43	rBV2	6612	17276	0.17%	0.034%
4	3.916	43	48	53	rVV	13258	24448	0.25%	0.047%
5	4.367	85	88	95	rVB	14825	27437	0.28%	0.053%
6	6.004	225	233	239	rBV2	48926	165734	1.66%	0.322%
7	6.580	281	284	287	rBV	5912	12640	0.13%	0.025%
8	9.718	557	562	571	rVV	2871589	6277481	63.03%	12.181%
9	9.899	575	578	591	rVV2	6784	36344	0.36%	0.071%
10	12.450	793	804	809	rBV	1890	12940	0.13%	0.025%
11	12.540	809	812	817	rVB	29730	50099	0.50%	0.097%
12	13.195	865	870	875	rBV	4680046	8884348	89.20%	17.239%
13	13.376	883	886	893	rVB	7781	17008	0.17%	0.033%
14	18.332	1319	1325	1331	rBV	4823733	9431260	94.69%	18.300%
15	22.283	1671	1675	1681	rVV	24076	45517	0.46%	0.088%
16	22.633	1701	1706	1711	rBV2	4799201	9959642	100.00%	19.325%
17	24.845	1893	1902	1911	rBV	9774	21589	0.22%	0.042%
18	27.724	2153	2157	2163	rVB	576662	986415	9.90%	1.914%
19	30.490	2397	2402	2447	rVB	3652088	8994078	90.31%	17.452%
20	34.407	2743	2749	2783	rBV	2346472	6491909	65.18%	12.597%

Sum of corrected areas: 51536376

File : C:\MSDCHEM\1\5973N\02FEB25\01139.D
Operator :
Acquired : 25 Feb 2002 2:32 pm using AcqMethod HP020702
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 25, 2002
Vial Number: 5
Quant File :HP022102.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\5973N\02FEB25\01139.D Vial: 5
Acq On : 25 Feb 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

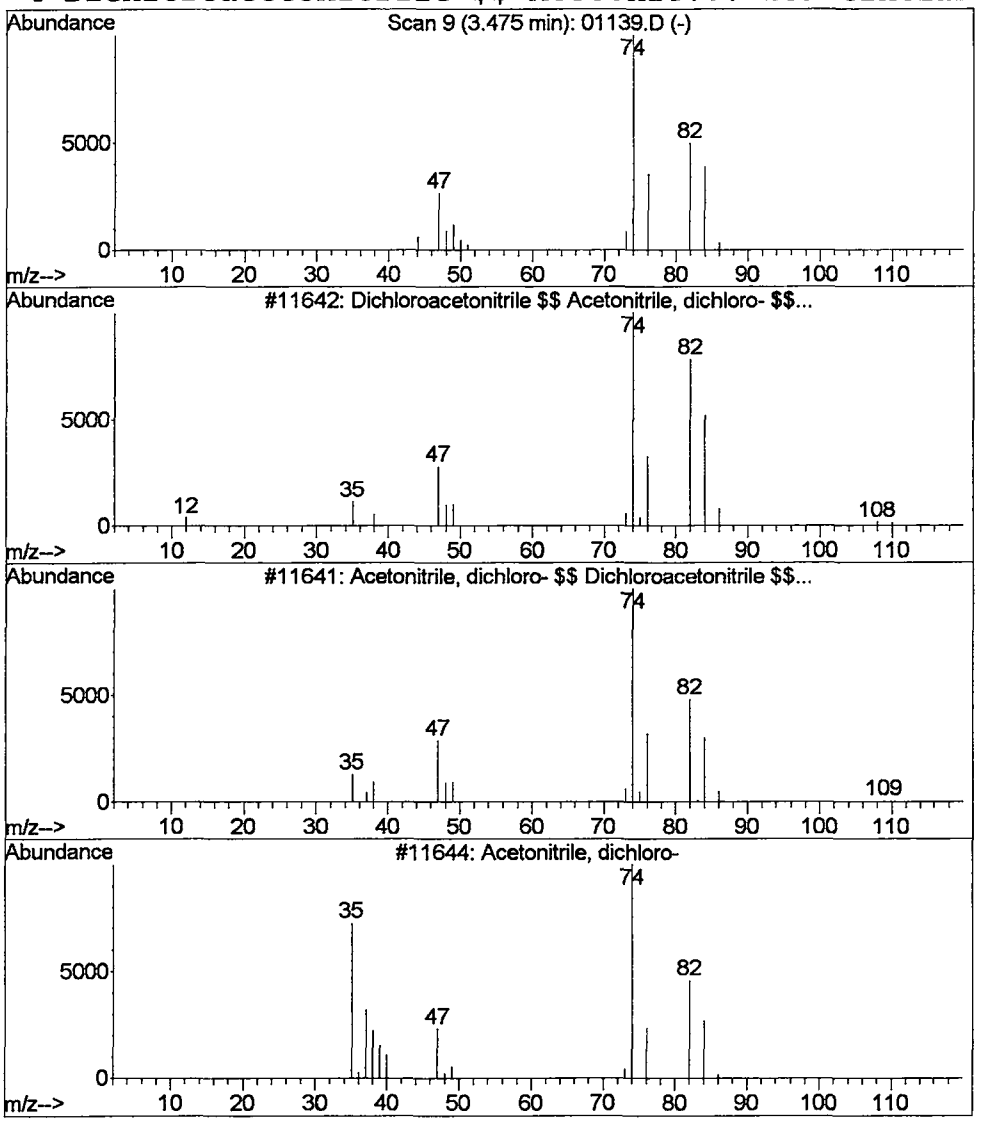
Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

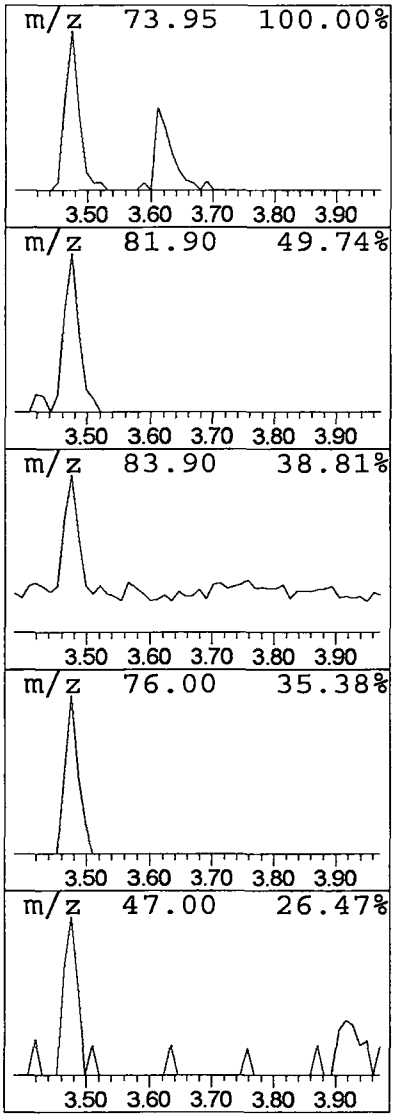
****

Peak Number 1 Dichloroacetonitrile $$ Ace... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	0.15 ug/L	46697	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	78
2	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	74
3	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	72
4	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	38





Data File : C:\MSDCHEM\1\5973N\02FEB25\01139.D Vial: 5
Acq On : 25 Feb 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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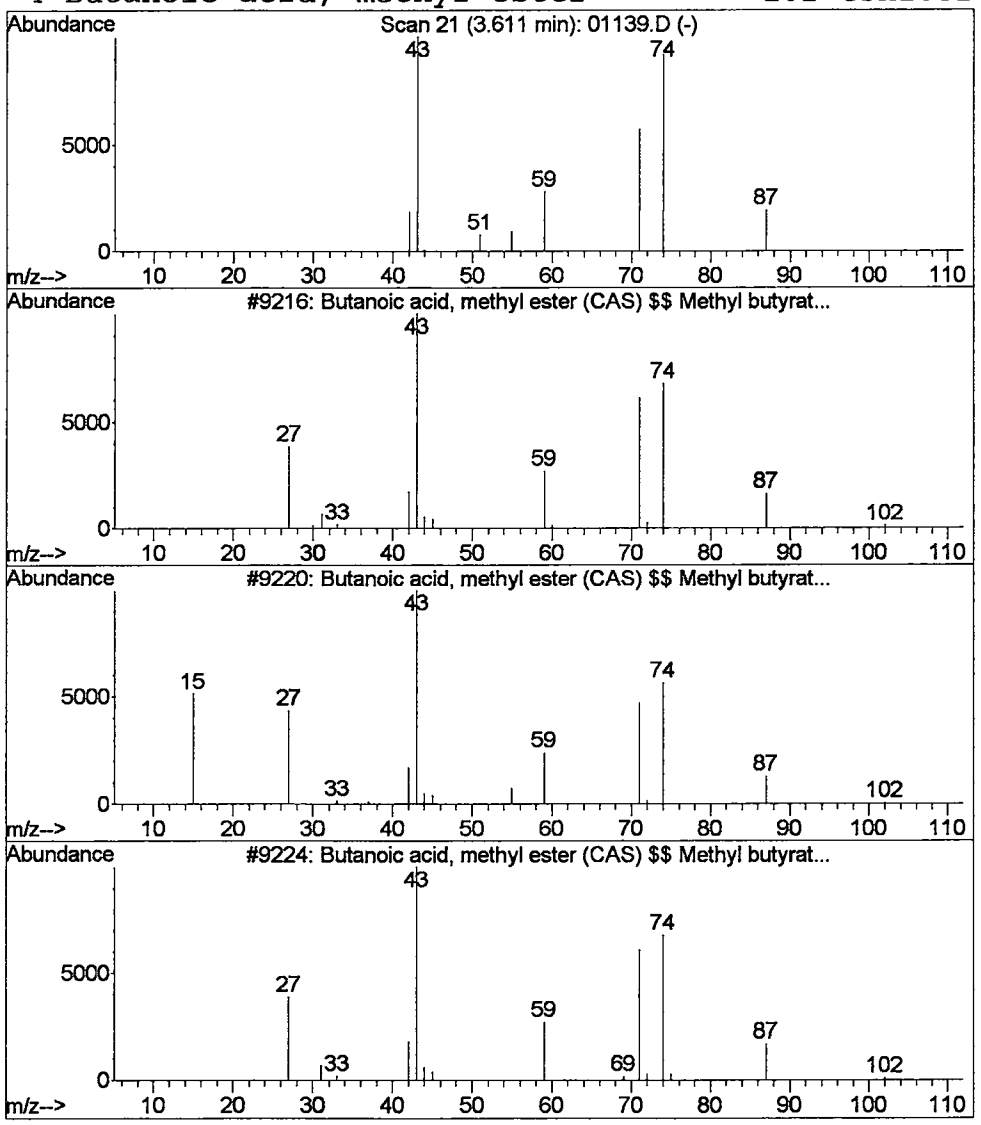
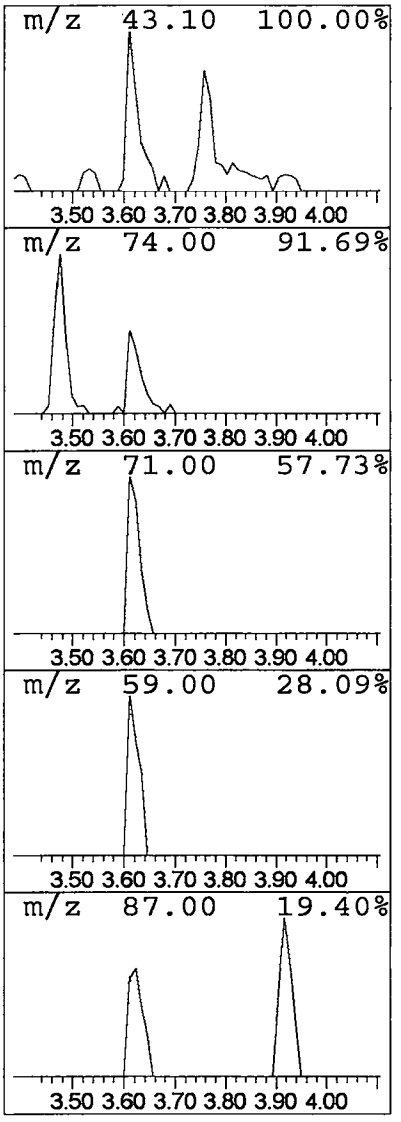
Peak Number 2 Butanoic acid, methyl ester... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.11 ug/L	33514	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
4	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	74





Data File : C:\MSDCHEM\1\5973N\02FEB25\01139.D Vial: 5
Acq On : 25 Feb 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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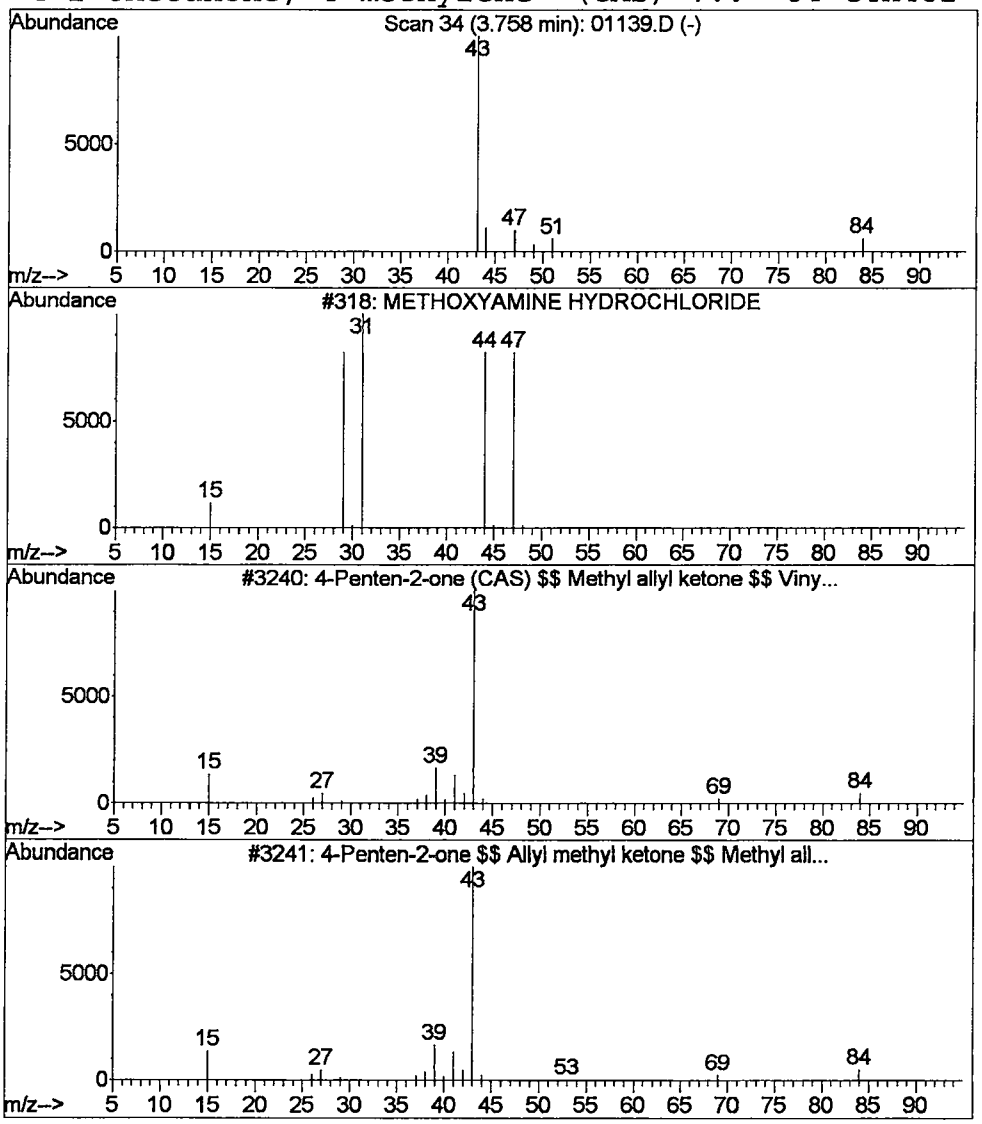
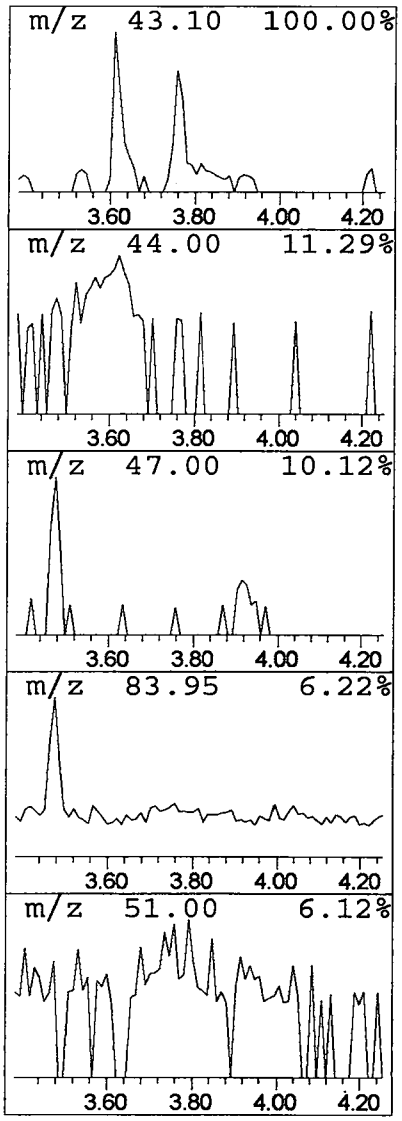
Peak Number 3 METHOXYAMINE HYDROCHLORIDE Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	0.06 ug/L	17276	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	METHOXYAMINE HYDROCHLORIDE	47	CH5NO	000067-62-9	4
2	4-Penten-2-one (CAS) $$ Methyl a...	84	C5H8O	013891-87-7	3
3	4-Penten-2-one $$ Allyl methyl k...	84	C5H8O	013891-87-7	3
4	2-Oxetanone, 4-methylene- (CAS) ...	84	C4H4O2	000674-82-8	2





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Acq On : 25 Feb 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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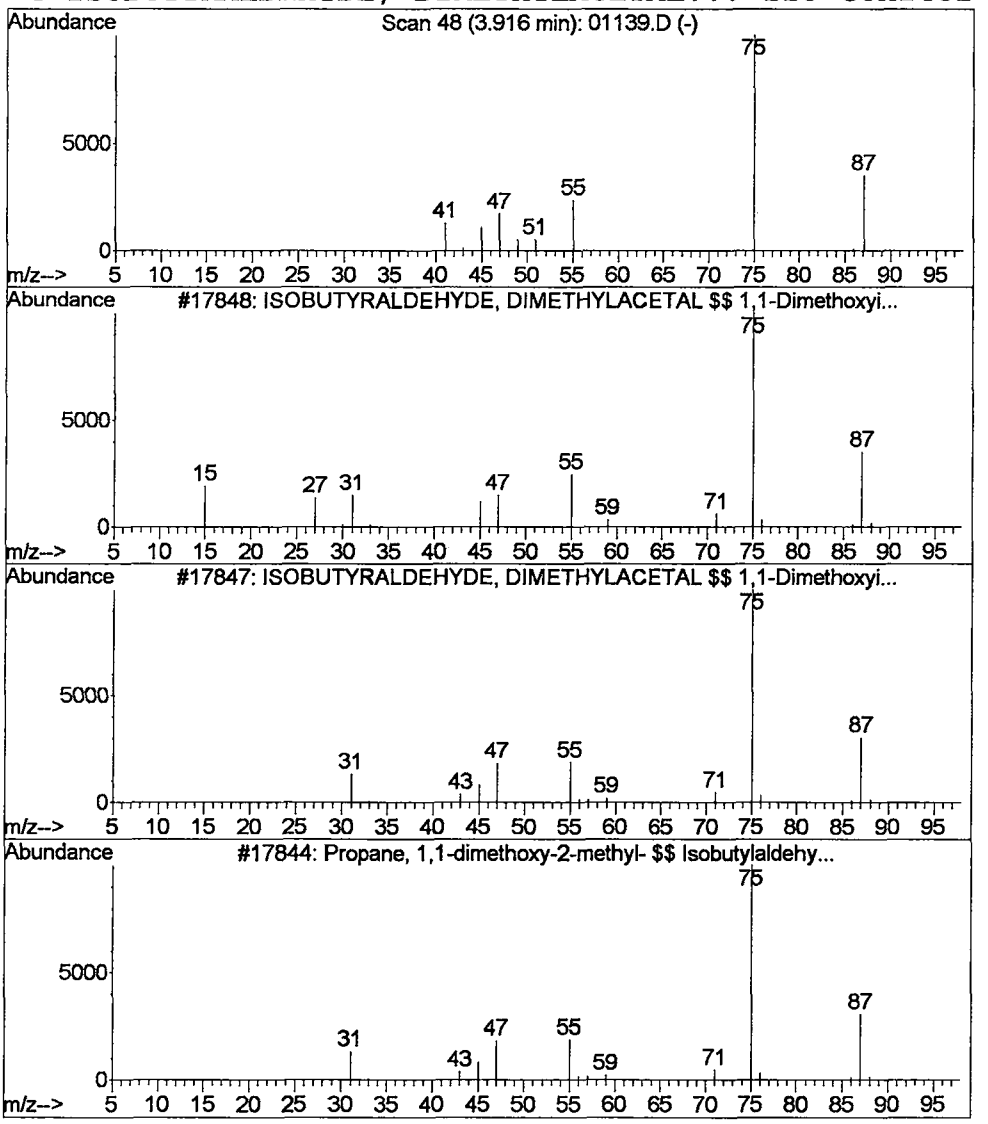
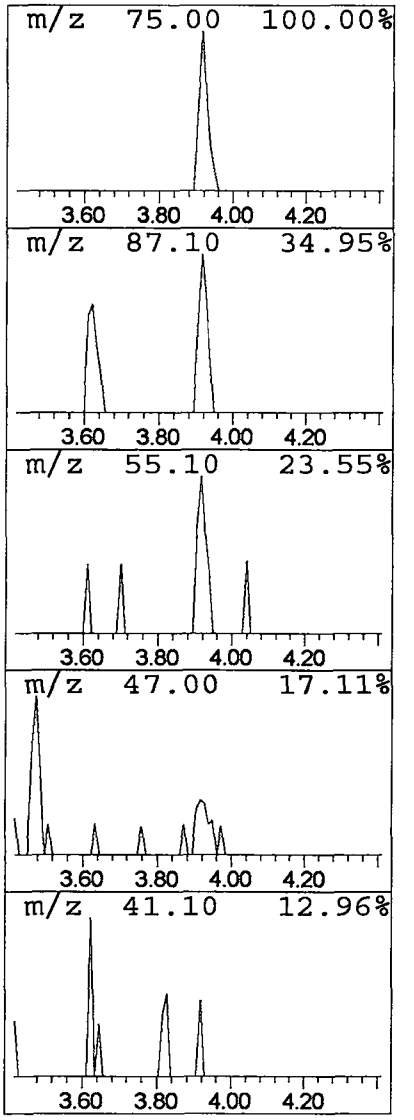
Peak Number 4 ISOBUTYRALDEHYDE, DIMETHYLA... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	0.08 ug/L	24448	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	83
2	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	64
3	Propane, 1,1-dimethoxy-2-methyl-...	118	C6H14O2	041632-89-7	64
4	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	9





Data File : C:\MSDCHEM\1\5973N\02FEB25\01139.D Vial: 5
Acq On : 25 Feb 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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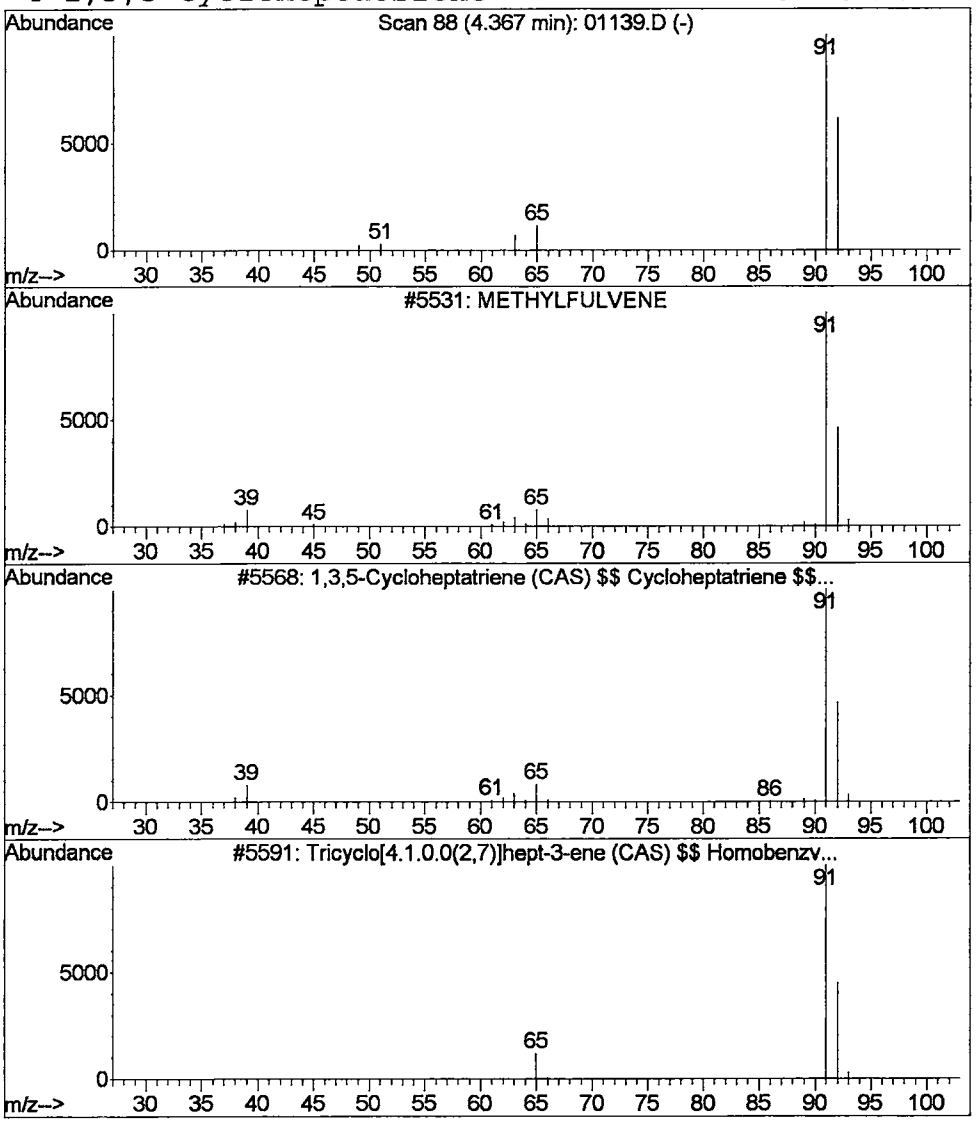
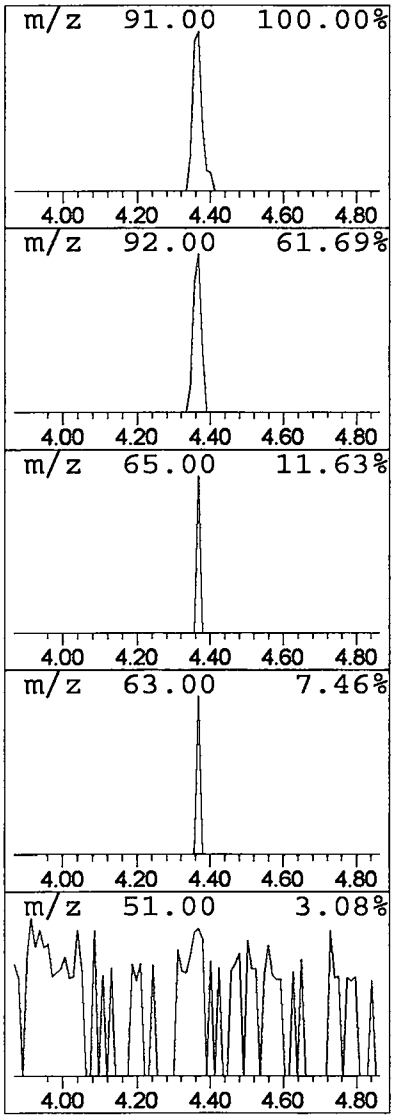
Peak Number 5 METHYLFULVENE Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	0.09 ug/L	27437	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	METHYLFULVENE	92	C7H8	000000-00-0	9
2	1,3,5-Cycloheptatriene (CAS) $$ ...	92	C7H8	000544-25-2	9
3	Tricyclo[4.1.0.0(2,7)]hept-3-ene...	92	C7H8	035618-58-7	7
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	7





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Acq On : 25 Feb 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 25, 2002 Multiplr: 1.00
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Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
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Library : C:\DATABASE\WILEY7N.L

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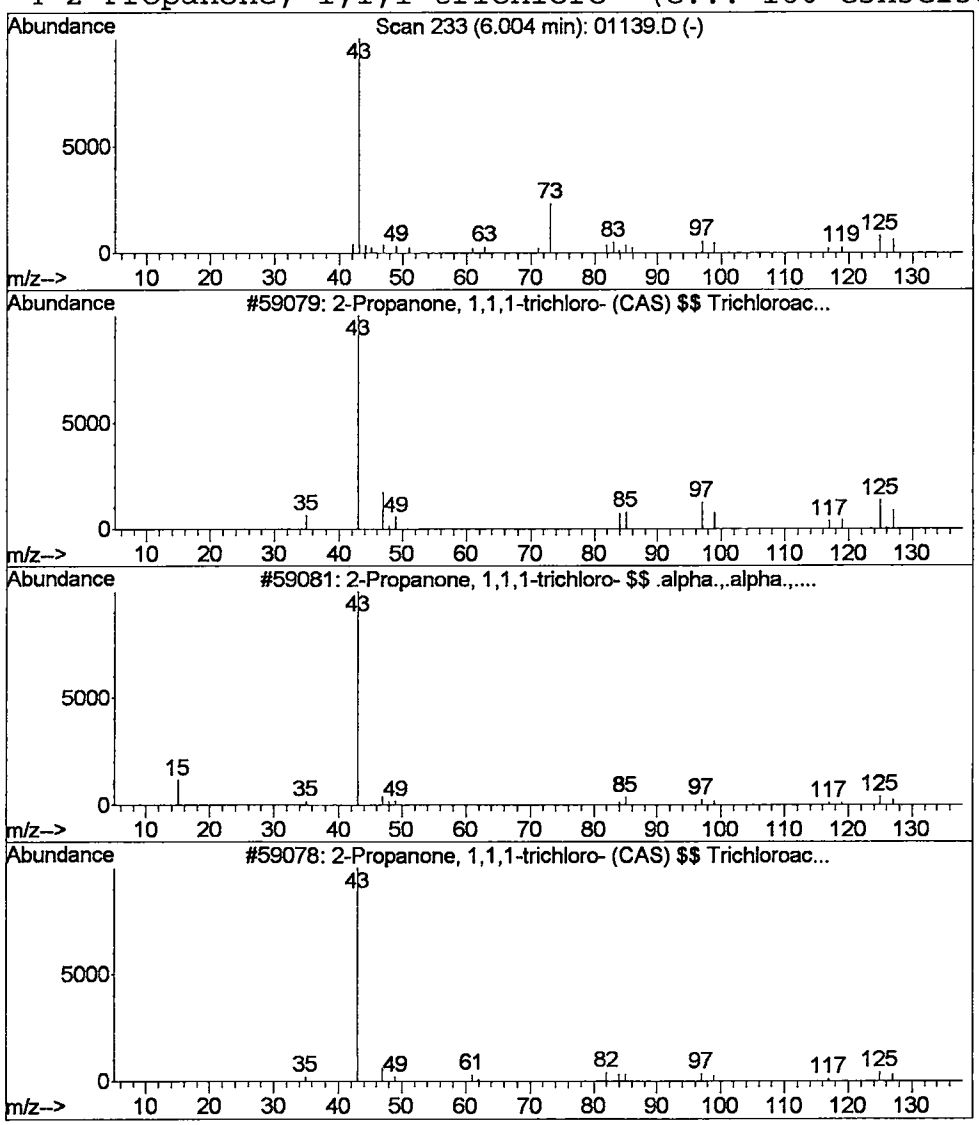
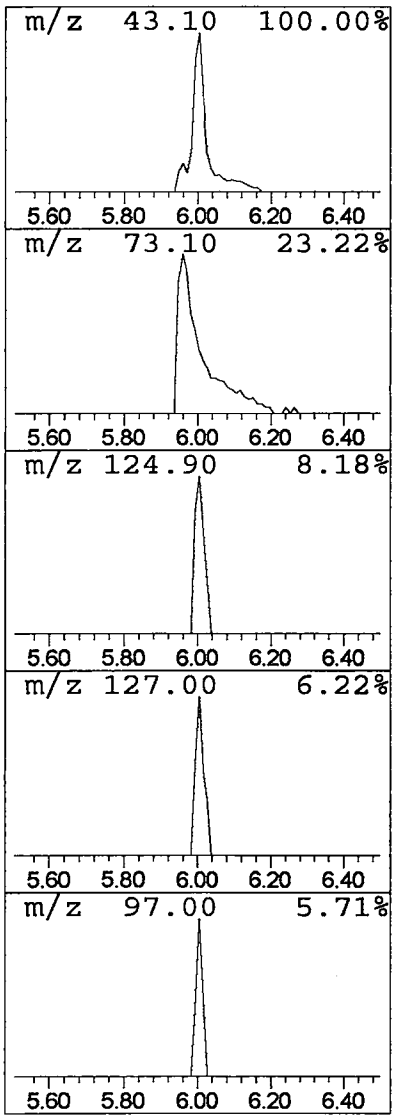
Peak Number 6 2-Propanone, 1,1,1-trichlor... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	0.53 ug/L	165734	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	47
2	2-Propanone, 1,1,1-trichloro- $$...	160	C3H3Cl3O	000918-00-3	40
3	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	37
4	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	23





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MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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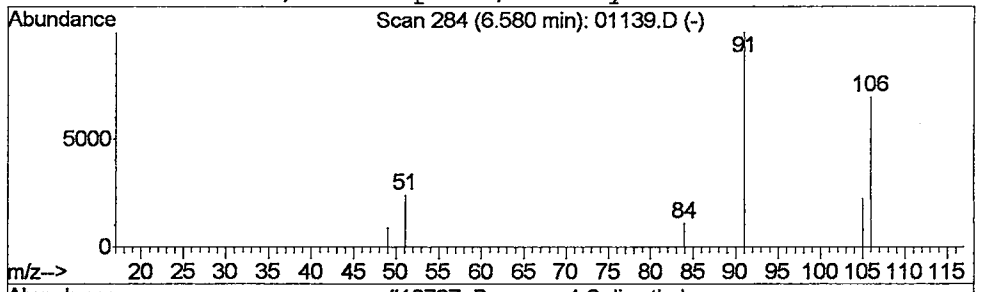
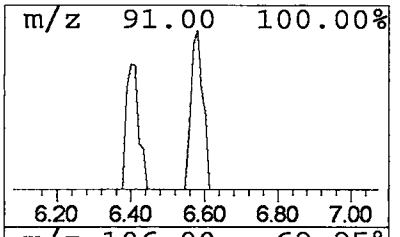
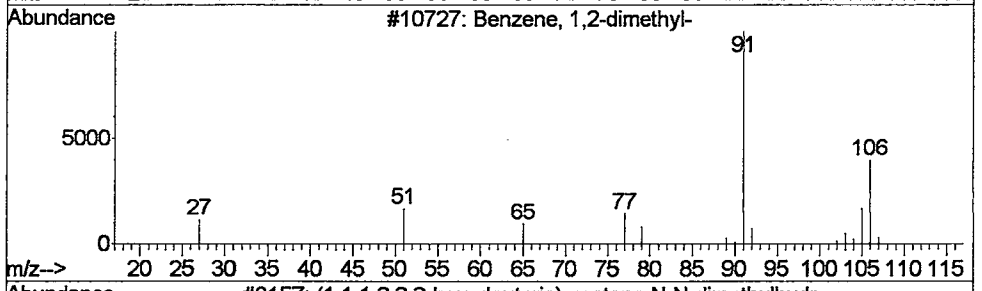
Peak Number 7 Benzene, 1,2-dimethyl- Concentration Rank 11

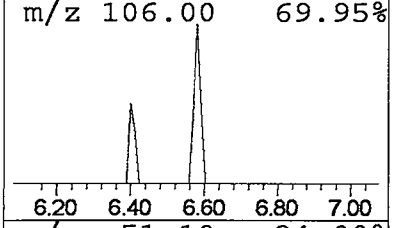
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	0.04 ug/L	12640	1,4-Dichlorobenzene-d4	9.72

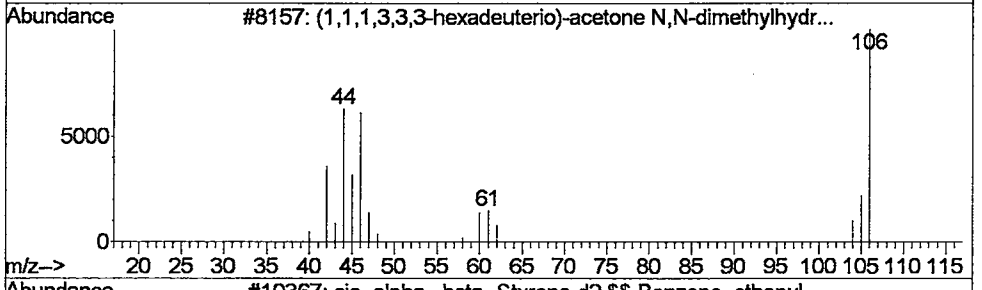
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dimethyl-	106	C8H10	000095-47-6	7
2	(1,1,1,3,3,3-hexadeuterio)-aceto...	106	C5H6D6N2	123499-00-3	4
3	cis-.alpha.,.beta.-Styrene-d2 $$...	106	C8H6D2	052751-11-8	4
4	Acetic acid, mercapto-, methyl e...	106	C3H6O2S	002365-48-2	4

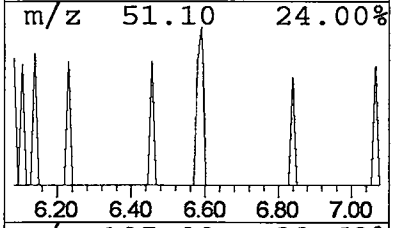


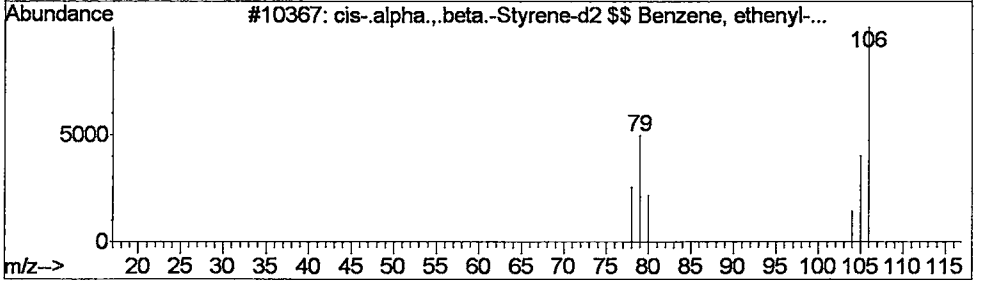


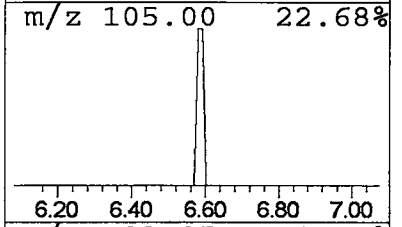


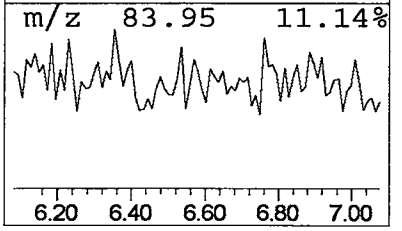












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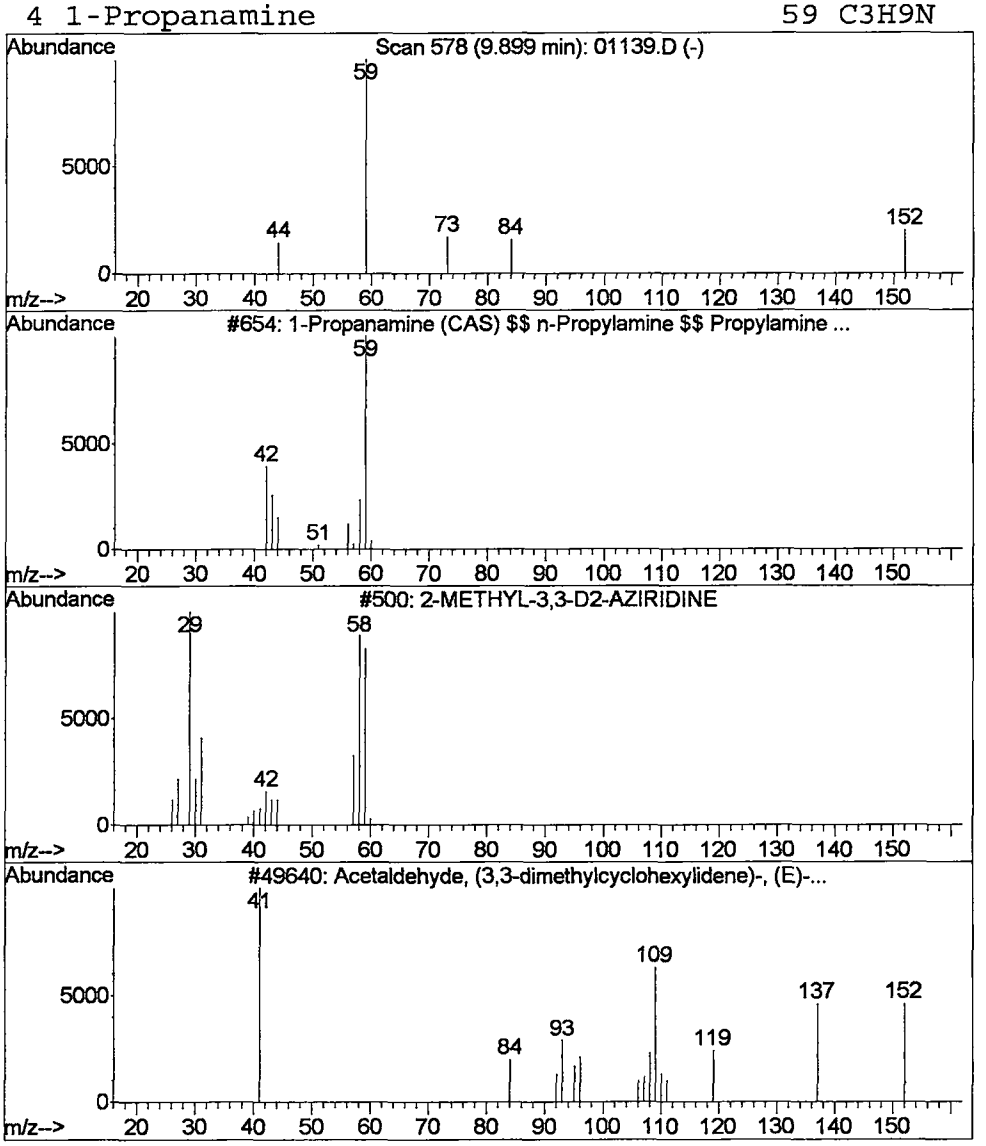
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

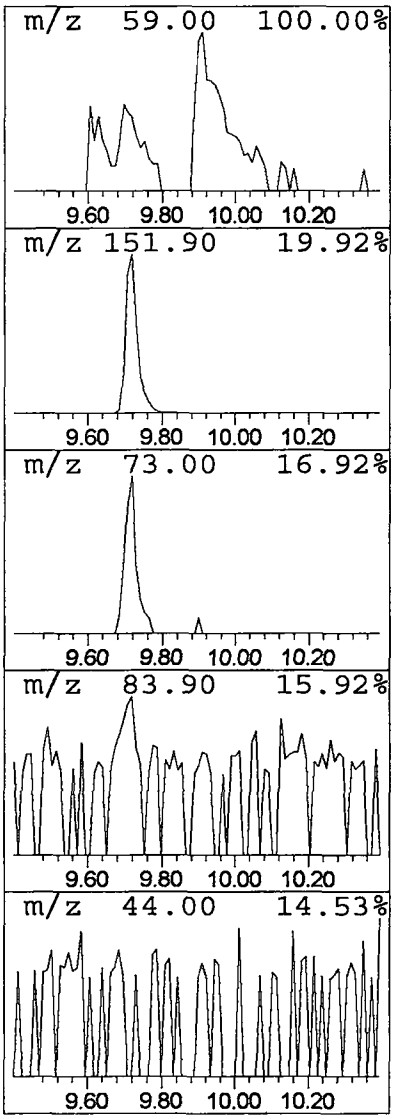
****

Peak Number 8 1-Propanamine (CAS) $$ n-Pr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	0.12 ug/L	36344	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanamine (CAS) $$ n-Propyla...	59	C3H9N	000107-10-8	4
2	2-METHYL-3,3-D2-AZIRIDINE	59	C3H5D2N	030691-55-5	4
3	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-25-2	4
4	1-Propanamine	59	C3H9N	000107-10-8	3





Data File : C:\MSDCHEM\1\5973N\02FEB25\01139.D Vial: 5
Acq On : 25 Feb 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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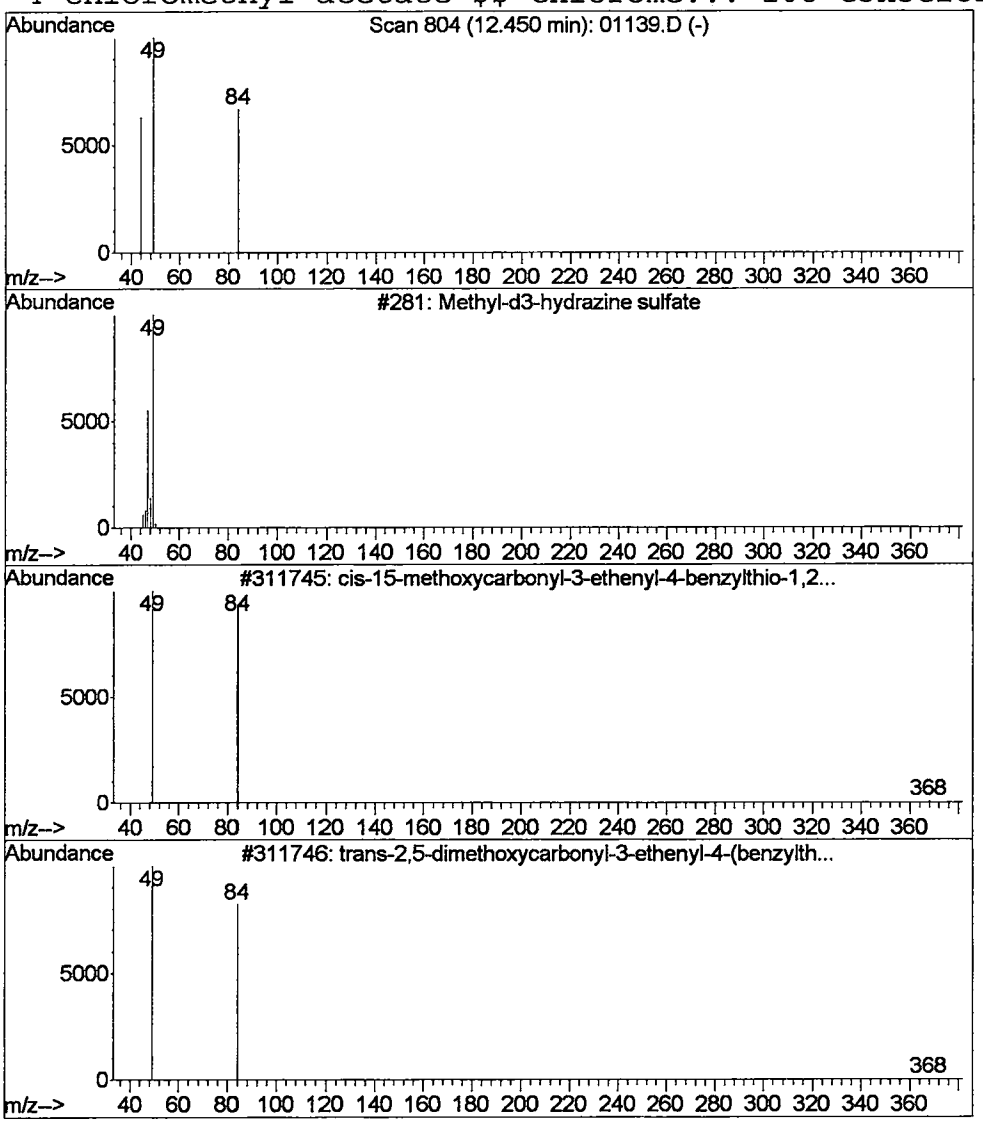
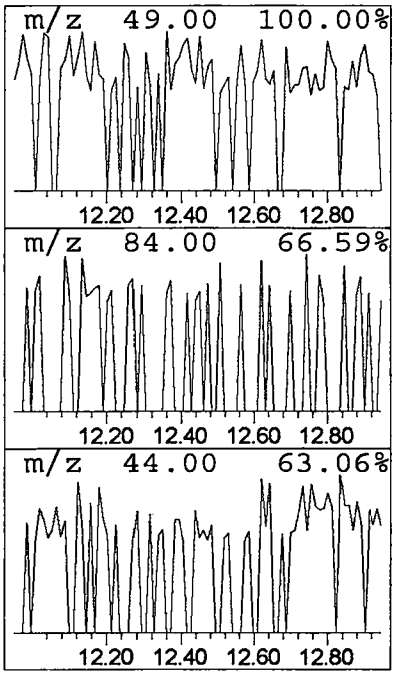
Peak Number 9 Methyl-d3-hydrazine sulfate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	0.03 ug/L	12940	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl-d3-hydrazine sulfate	49	CH3D3N2	000000-00-0	3
2	cis-15-methoxycarbonyl-3-ethenyl...	368	C16H20N2O4S2	112792-86-6	2
3	trans-2,5-dimethoxycarbonyl-3-et...	368	C16H20N2O4S2	112792-87-7	2
4	chloromethyl acetate $$ Chlorome...	108	C3H5ClO2	000625-56-9	2





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MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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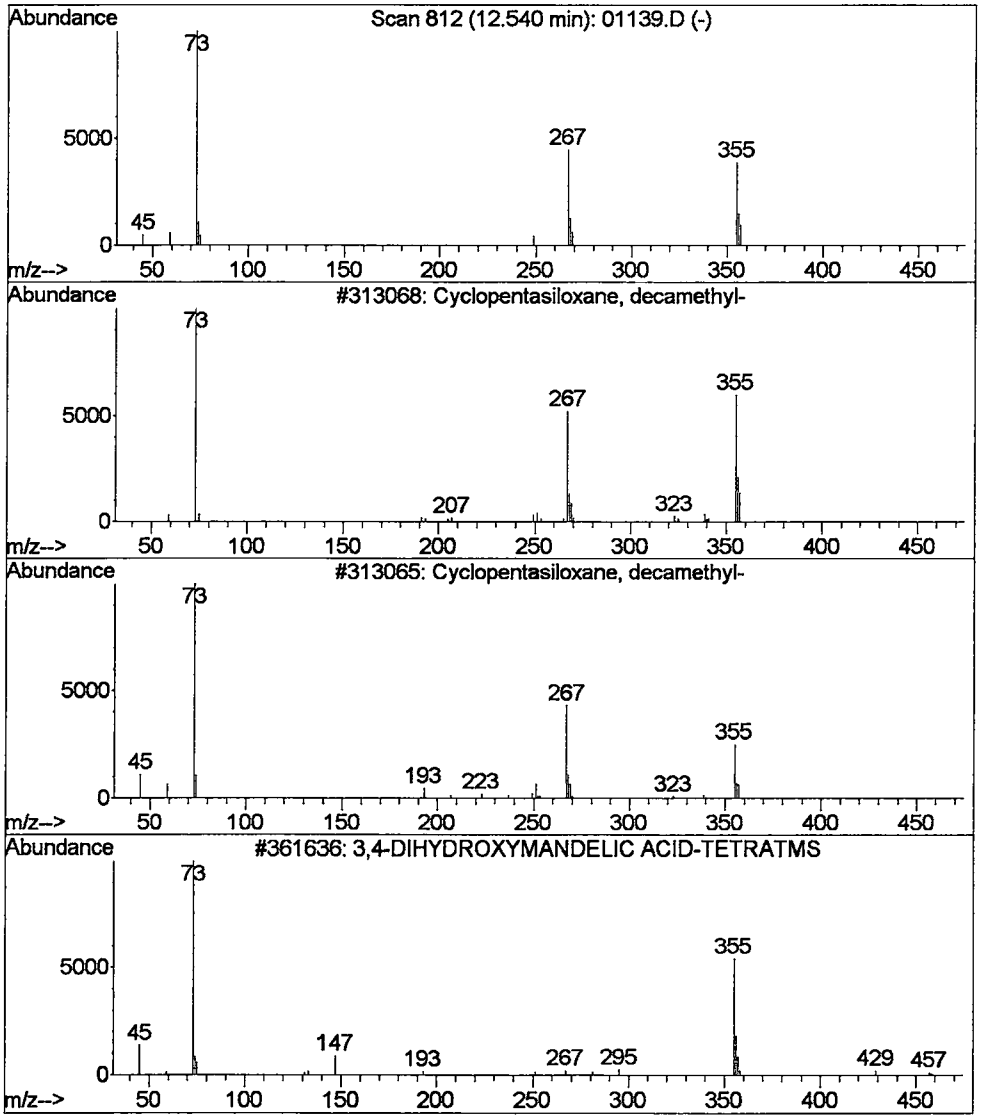
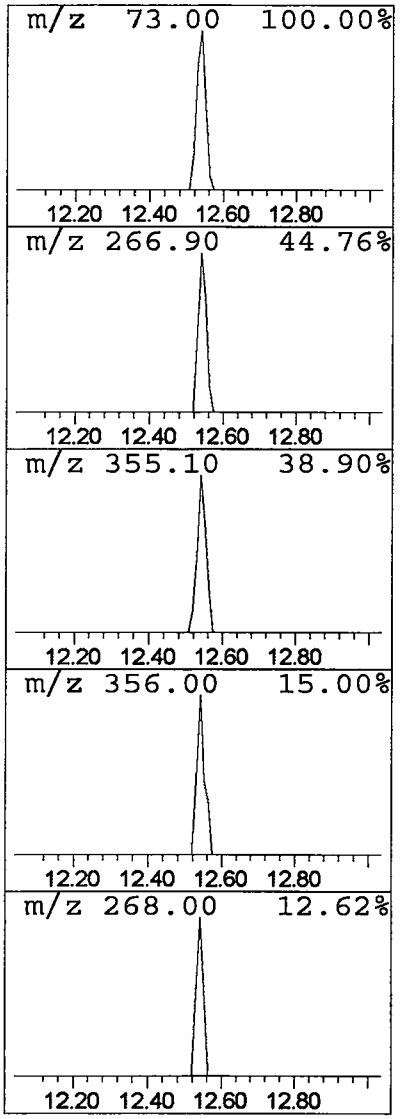
Peak Number 10 Cyclopentasiloxane, decamet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.11 ug/L	50099	Naphthalene-d8	13.20

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	74
3	3,4-DIHYDROXYMANDELIC ACID-TETRATMS	472	C20H40O5Si4	000000-00-0	37
4	Noradrenaline tetraTMS	457	C20H43NO3Si4	068595-65-3	37





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Acq On : 25 Feb 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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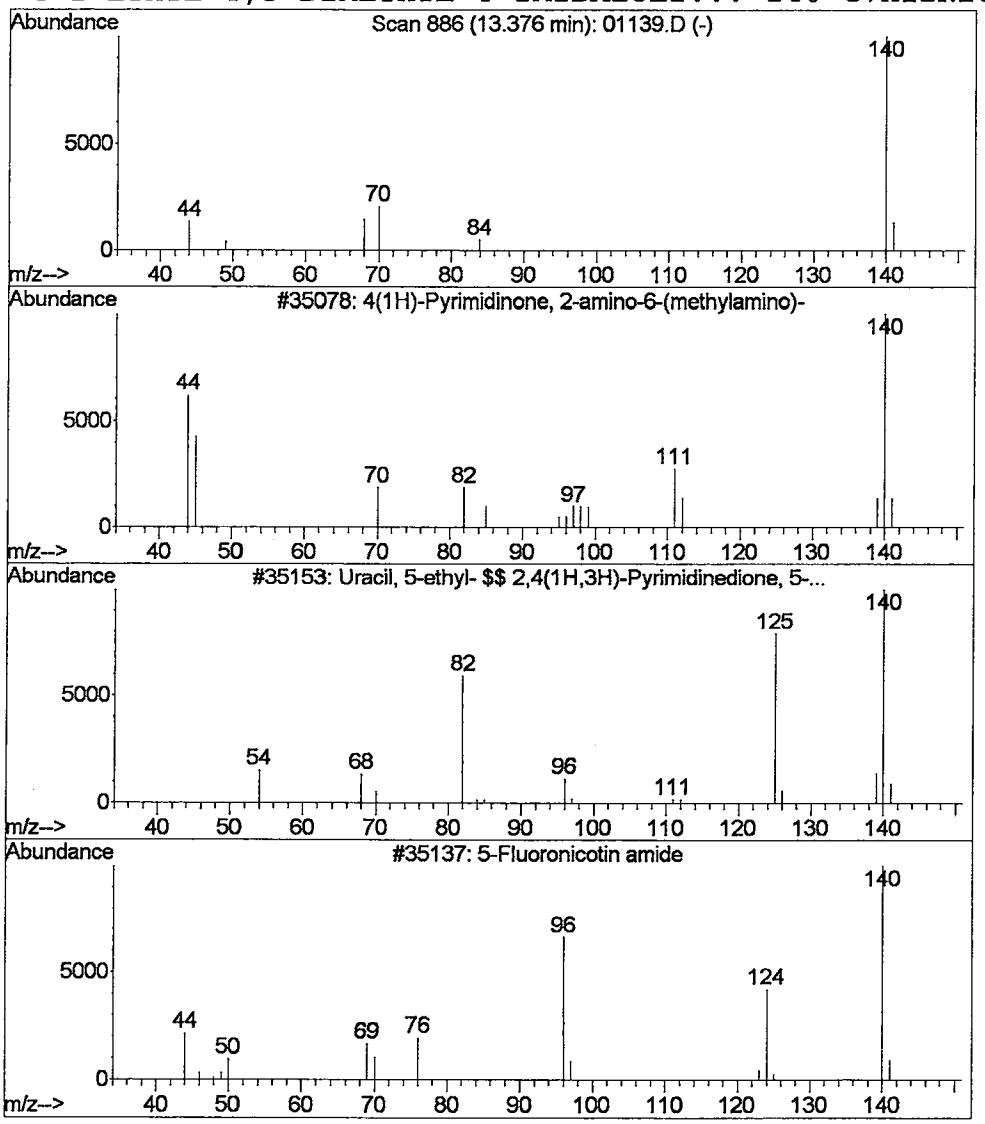
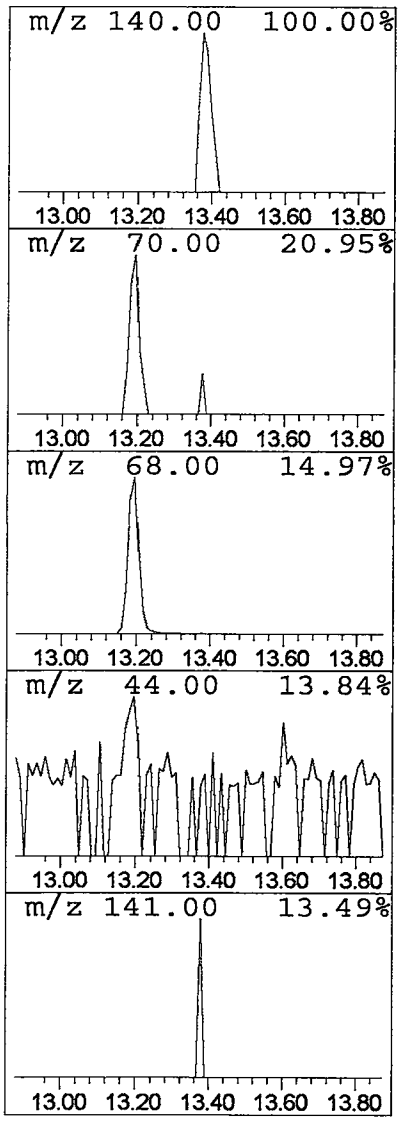
Peak Number 11 4(1H)-Pyrimidinone, 2-amino... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	0.04 ug/L	17008	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 2-amino-6-(m...	140	C5H8N4O	054004-20-5	9
2	Uracil, 5-ethyl- $$ 2,4(1H,3H)-P...	140	C6H8N2O2	004212-49-1	9
3	5-Fluoronicotin amide	140	C6H5FN2O	000000-00-0	9
4	1-ETHYL-4,5-DIMETHYL-4-IMIDAZOLI...	140	C7H12N2O	059167-88-3	9





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Acq On    : 25 Feb 2002    2:32 pm                   Operator:
Sample    : 508 scan                                 Inst    : Instrumen
Misc      : February 25, 2002                        Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title        : 508 scan method
Library      : C:\DATABASE\WILEY7N.L
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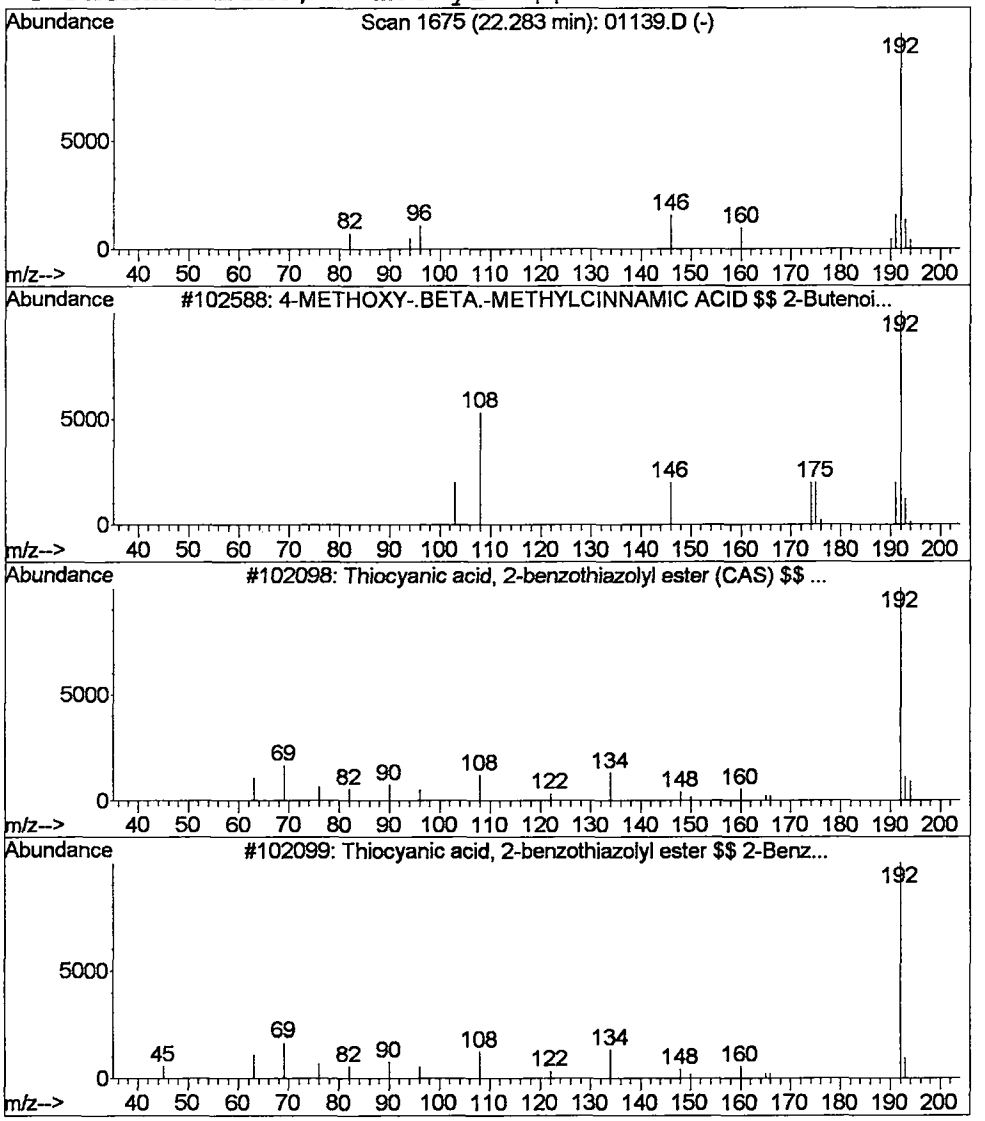
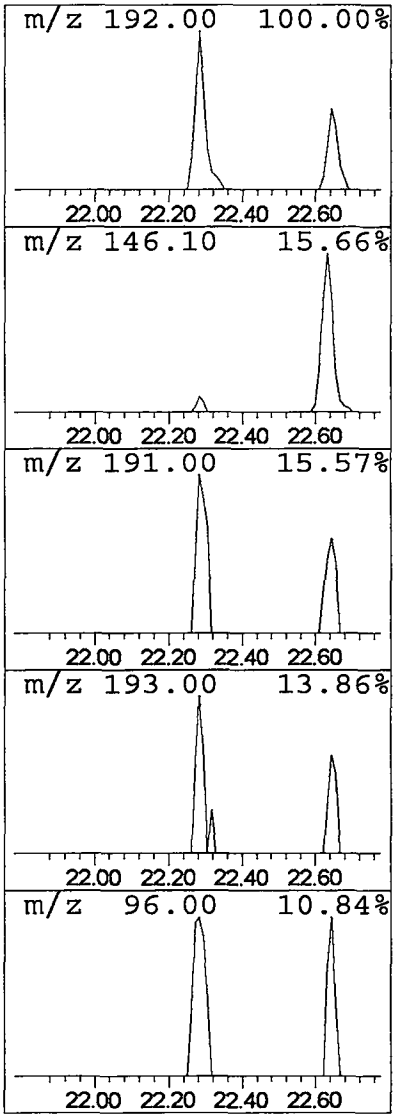
Peak Number 12 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.09 ug/L	45517	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	78
2	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	64
3	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	64
4	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	53





Data File : C:\MSDCHEM\1\5973N\02FEB25\01139.D Vial: 5
Acq On : 25 Feb 2002 2:32 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\HP022102.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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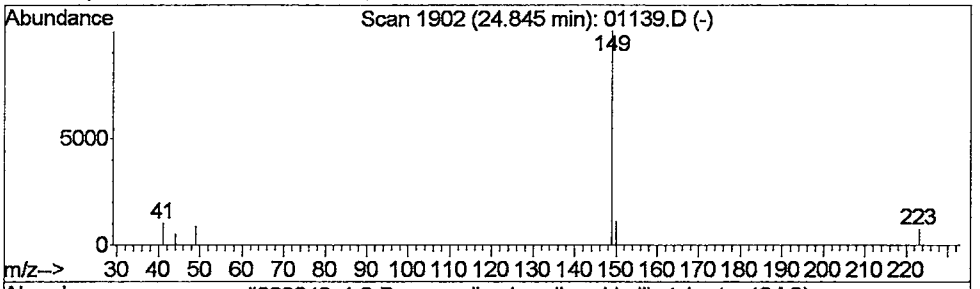
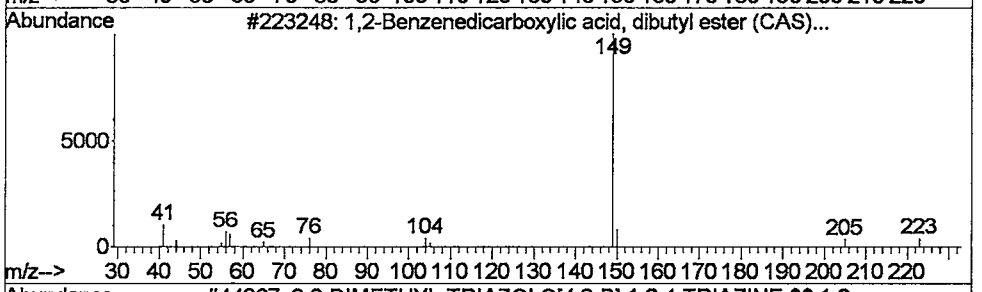
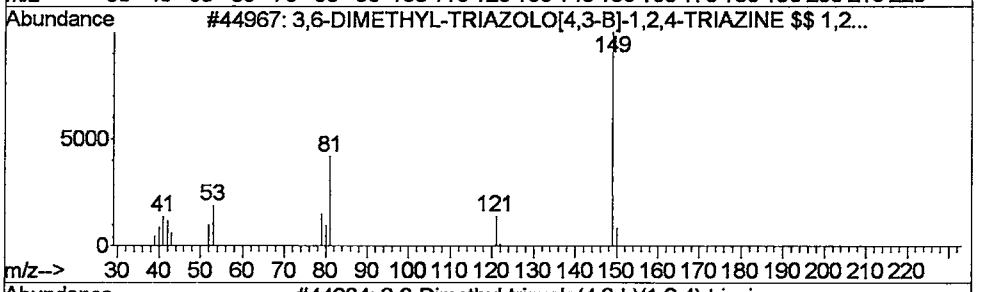
Peak Number 13 1,2-Benzenedicarboxylic aci... Concentration Rank 10

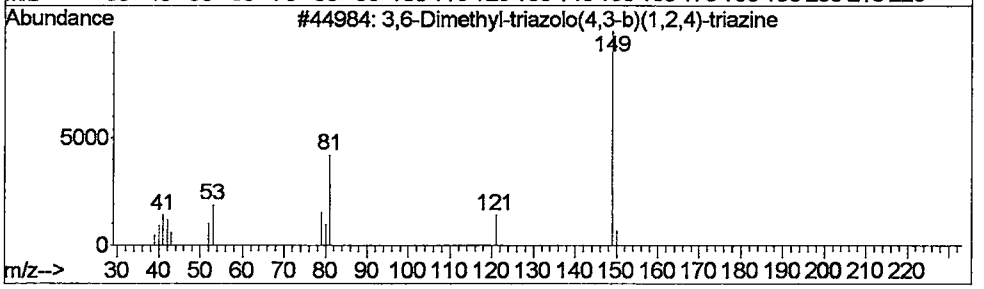
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.85	0.04 ug/L	21589	Phenanthrene-d10	22.63

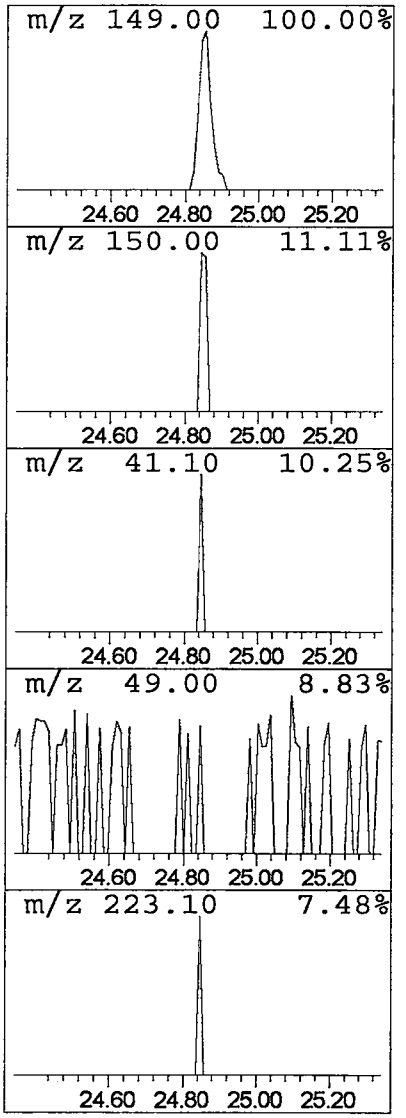
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	278	C16H22O4	000084-74-2	9
2	3,6-DIMETHYL-TRIAZOLO[4,3-B]-1,2...	149	C6H7N5	061139-71-7	5
3	3,6-Dimethyl-triazolo(4,3-b)(1,2...	149	C6H7N5	000000-00-0	5
4	1,1-DIMETHYL-3-(4-PYRIDYL)-FORMA...	149	C8H11N3	017350-07-1	4











Operator ID: Date Acquired: 25 Feb 2002 2:32 pm
Data File: C:\MSDCHEM\1\5973N\02FEB25\01139.D
Name: 508 scan
Misc: February 25, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\HP022102.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Dichloroacetonitr...	3.48	0.1	ug/L	46697	1	9.72	6277480	20.0
Butanoic acid, me...	3.61	0.1	ug/L	33514	1	9.72	6277480	20.0
METHOXYAMINE HYDR...	3.76	0.1	ug/L	17276	1	9.72	6277480	20.0
ISOBUTYRALDEHYDE,...	3.92	0.1	ug/L	24448	1	9.72	6277480	20.0
METHYLFULVENE	4.37	0.1	ug/L	27437	1	9.72	6277480	20.0
2-Propanone, 1,1,...	6.00	0.5	ug/L	165734	1	9.72	6277480	20.0
Benzene, 1,2-dime...	6.58	0.0	ug/L	12640	1	9.72	6277480	20.0
1-Propanamine (CA...	9.90	0.1	ug/L	36344	1	9.72	6277480	20.0
Methyl-d3-hydrazi...	12.45	0.0	ug/L	12940	2	13.20	8884350	20.0
Cyclopentasiloxan...	12.54	0.1	ug/L	50099	2	13.20	8884350	20.0
4(1H)-Pyrimidinon...	13.38	0.0	ug/L	17008	2	13.20	8884350	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	45517	4	22.63	9959640	20.0
1,2-Benzenedicarb...	24.85	0.0	ug/L	21589	4	22.63	9959640	20.0