User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 09:09:58

Sample: AE00700
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/13/02 09:09 Ended: 2/13/02 09:09 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		77		5.0

Comments for Sample AE00700 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-13-2002 Time: 09:10:31

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

Quantitation Report (QT Reviewed)

DCHEM\1\5973N\02FEB01\00700.D Vial: 7
eb 2002 7:42 pm Operator:
Data Fil 8 scan Inst : Instrumen
Acq On ebruary 1, 2002 Multiplr: 1.00
Sample ion Params: SPLIT.P
Misc e: Feb 04 09:24:38 2002 Quant Results File: SCAN508.RES
MS Ir
Quar
Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Qu : 508 scan method
Tt Update : Fri Jan 11 13:20:07 2002
esponse via : Initial Calibration
DataAcq Meth : SCAN508

re-ext

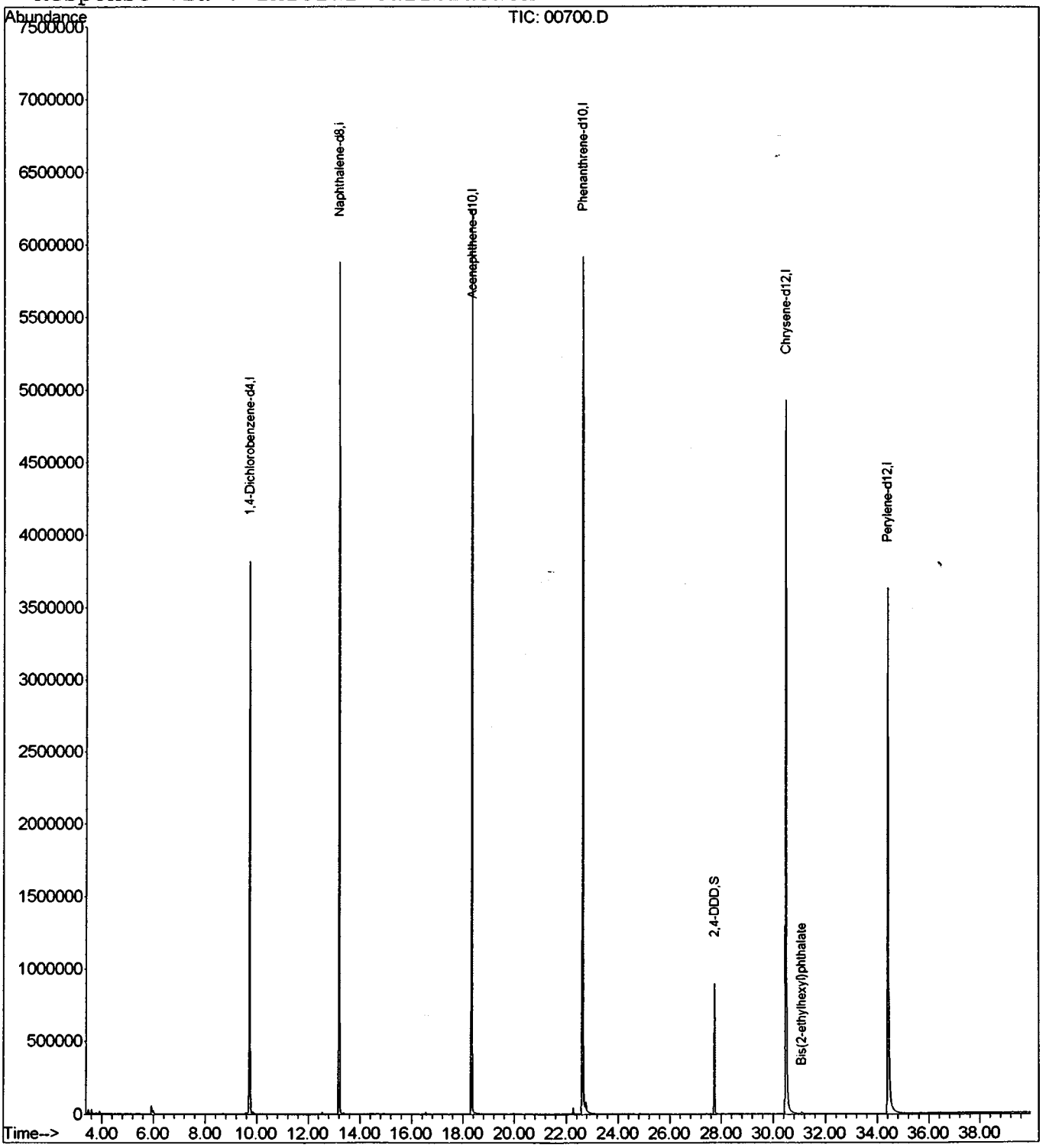
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	1359667	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	5816571	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3083377	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.63	188	5179354	20.00	ug/L	-0.03
38) Chrysene-d12	30.49	240	4326426	20.00	ug/L	-0.02
44) Perylene-d12	34.42	264	2941371	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	313530	3.83	ug/L	0.00
Spiked Amount 5.000			Recovery = 76.60%			
Target Compounds						Qvalue
42) Bis(2-ethylhexyl)phthalate	31.11	149	15984	0.62	ug/L	98

) = qualifier out of range (m) = manual integration
)700.D SCAN508.M Mon Feb 04 09:25:23 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\5973N\02FEB01\00700.D Vial: 7
Acq On : 1 Feb 2002 7:42 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Feb 4 9:25 2002 Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\00700.D Vial: 7
Acq On : 1 Feb 2002 7:42 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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

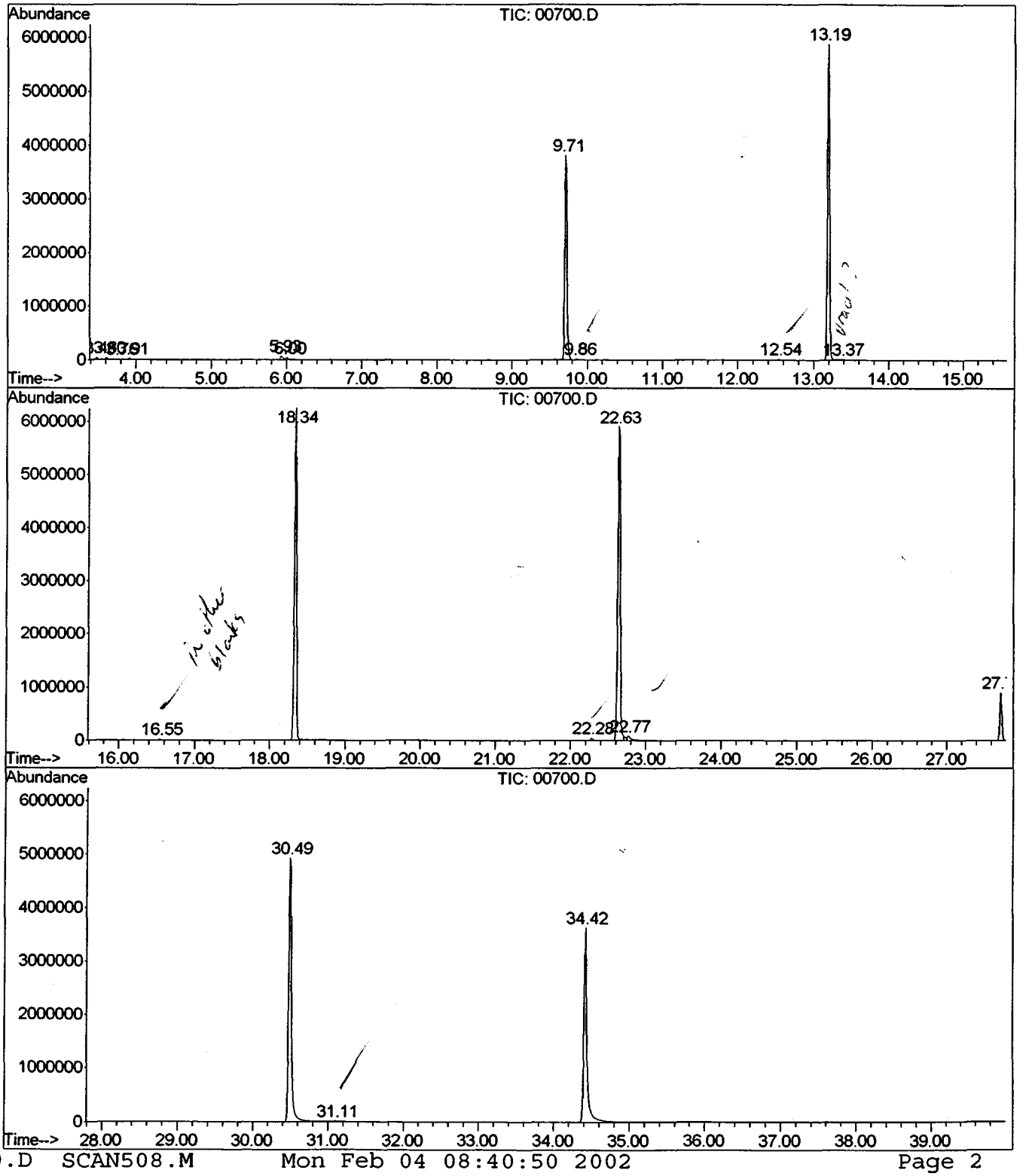
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.477	7	9	17	rVB	34974	60555	0.44%	0.086%
2	3.602	17	20	25	rBV	33984	58091	0.43%	0.083%
3	3.762	29	34	45	rVV2	7686	24622	0.18%	0.035%
4	3.910	45	47	53	rVV	18738	31060	0.23%	0.044%
5	5.931	221	224	227	rBV	59830	133137	0.97%	0.190%
6	6.000	227	230	243	rVB	31205	82820	0.61%	0.118%
7	9.710	551	555	561	rBV	3807336	7654659	56.02%	10.910%
8	9.859	565	568	579	rVB	18658	60656	0.44%	0.086%
9	12.542	799	803	807	rVV	17921	29425	0.22%	0.042%
10	13.192	855	860	865	rBV	5879420	11115561	81.35%	15.843%
11	13.375	873	876	881	rVB	11106	19514	0.14%	0.028%
12	16.549	1151	1154	1159	rBV	17346	32345	0.24%	0.046%
13	18.341	1305	1311	1315	rBV	6248205	12418142	90.88%	17.699%
14	22.280	1653	1656	1661	rVB2	45690	89349	0.65%	0.127%
15	22.634	1681	1687	1693	rBV2	5914532	13663910	100.00%	19.475%
16	22.771	1697	1699	1717	rVB2	80159	286994	2.10%	0.409%
17	27.726	2129	2133	2139	rBV	899260	1569822	11.49%	2.237%
18	30.489	2369	2375	2401	rBV2	4924923	12746144	93.28%	18.167%
19	31.105	2423	2429	2441	rVB5	13294	54123	0.40%	0.077%
20	34.416	2713	2719	2759	rBV	3629182	10031232	73.41%	14.297%

Sum of corrected areas: 70162161

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02FEB01\00700.D
Operator :
Acquired : 1 Feb 2002 7:42 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : February 1, 2002
Vial Number: 7
Quant File :SCAN508.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\5973N\02FEB01\00700.D Vial: 7
Acq On : 1 Feb 2002 7:42 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

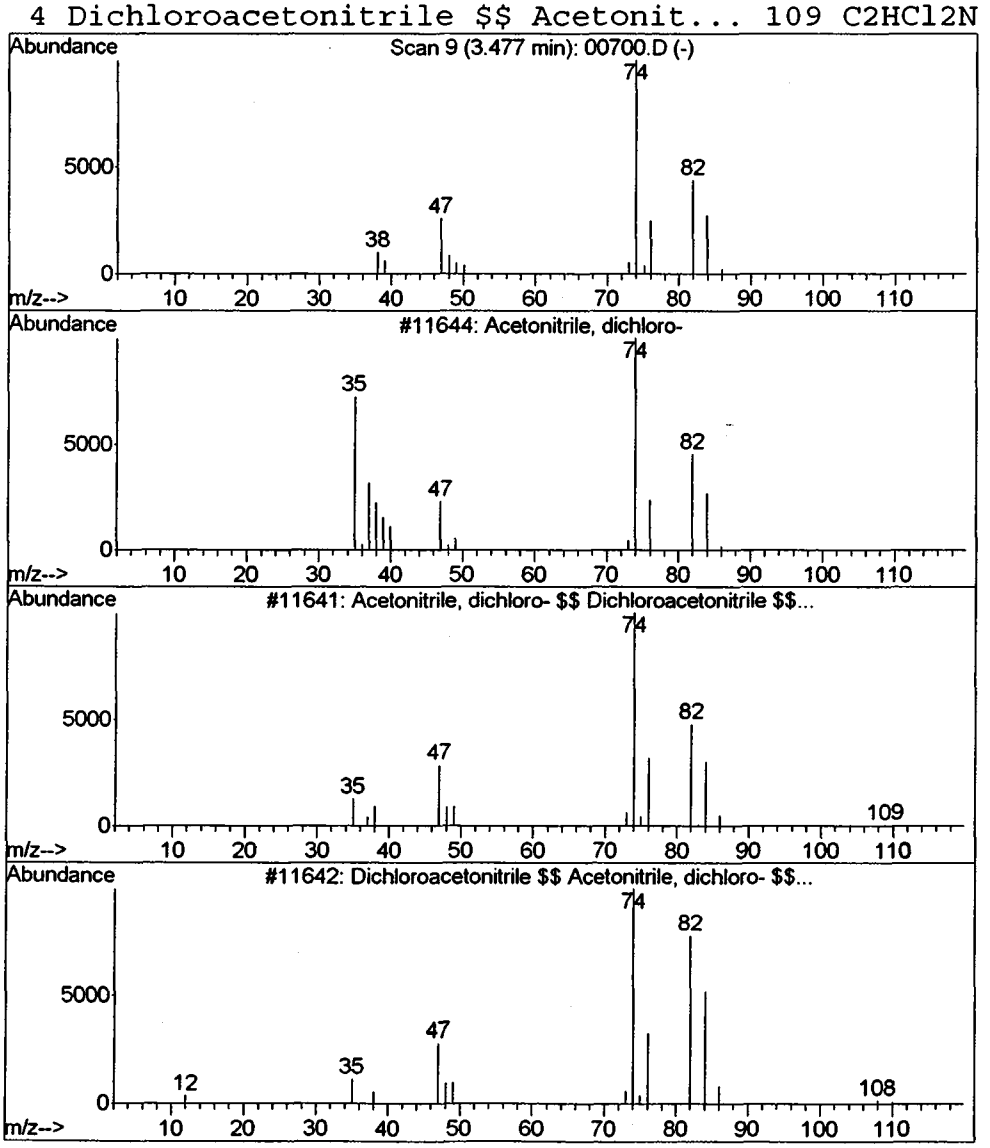
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

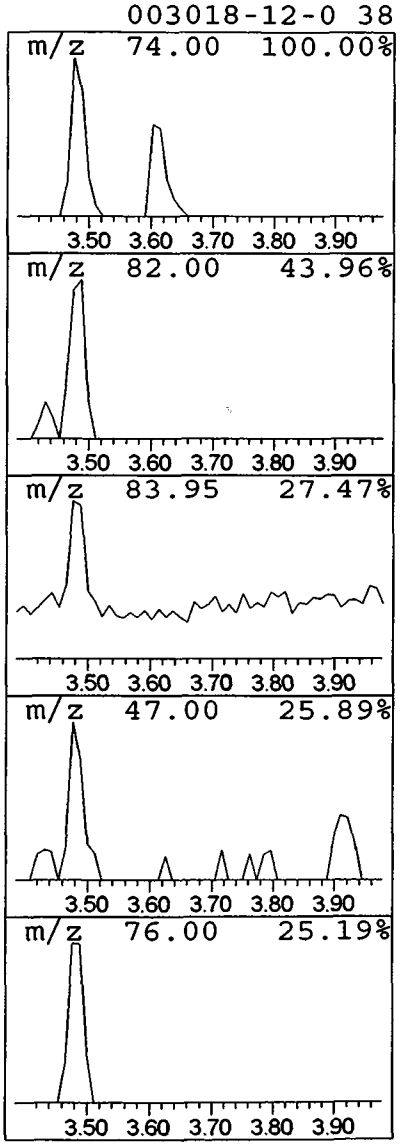
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	0.16 ug/L	60555	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	74
2	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	74
3	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	45
4	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	38





Data File : C:\MSDCHEM\1\5973N\02FEB01\00700.D Vial: 7
Acq On : 1 Feb 2002 7:42 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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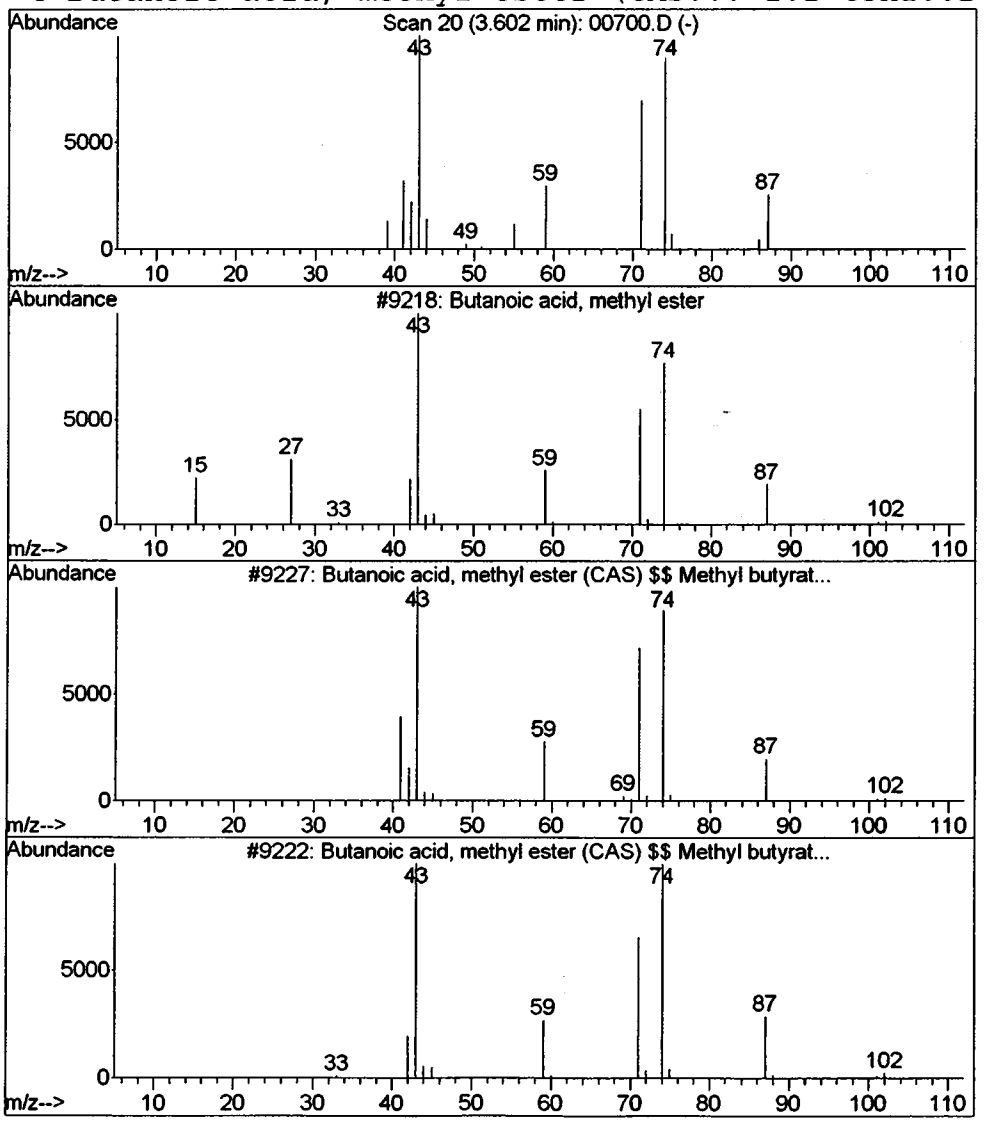
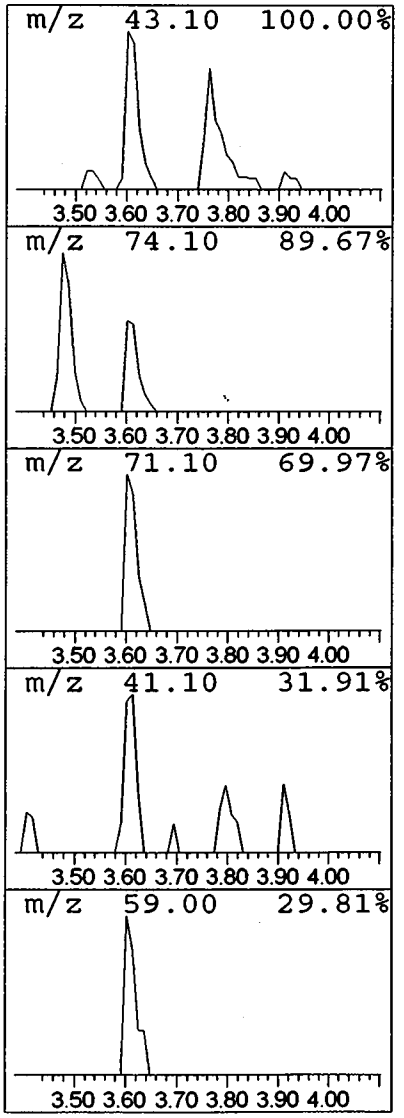
Peak Number 2 Butanoic acid, methyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	0.15 ug/L	58091	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	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 (CAS...	102	C5H10O2	000623-42-7	78





Data File : C:\MSDCHEM\1\5973N\02FEB01\00700.D Vial: 7
Acq On : 1 Feb 2002 7:42 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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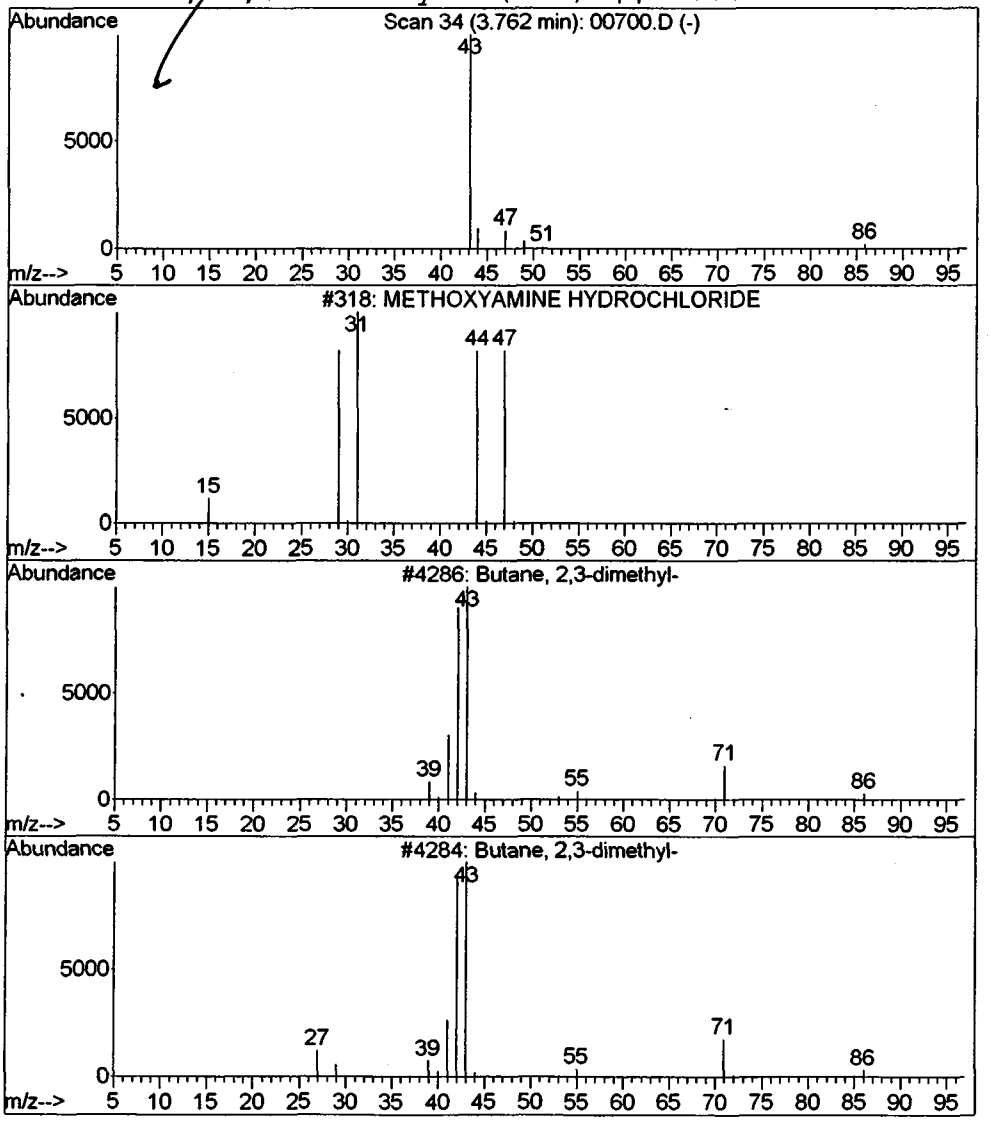
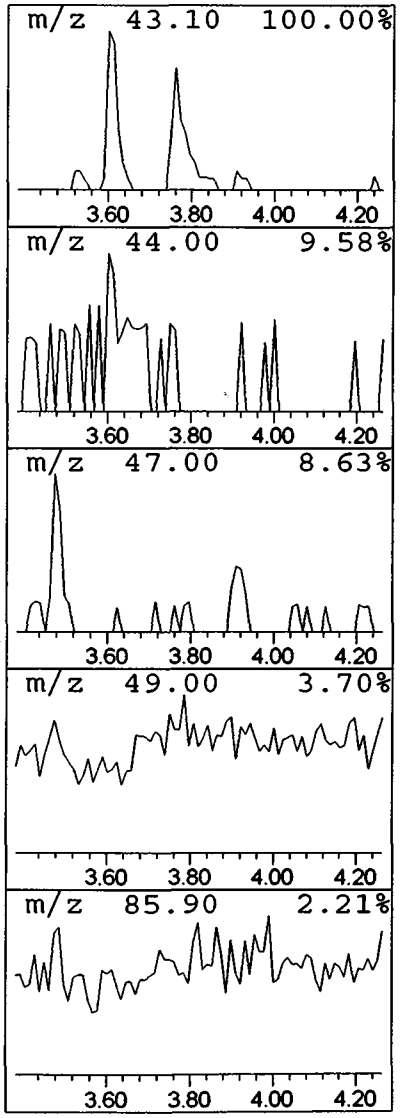
Peak Number 3 METHOXYAMINE HYDROCHLORIDE Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	0.06 ug/L	24622	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	METHOXYAMINE HYDROCHLORIDE	47	CH5NO	000067-62-9	3
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	3
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	3
4	Butane, 2,3-dimethyl- (CAS) $$ 2...	86	C6H14	000079-29-8	2





Data File : C:\MSDCHEM\1\5973N\02FEB01\00700.D Vial: 7
Acq On : 1 Feb 2002 7:42 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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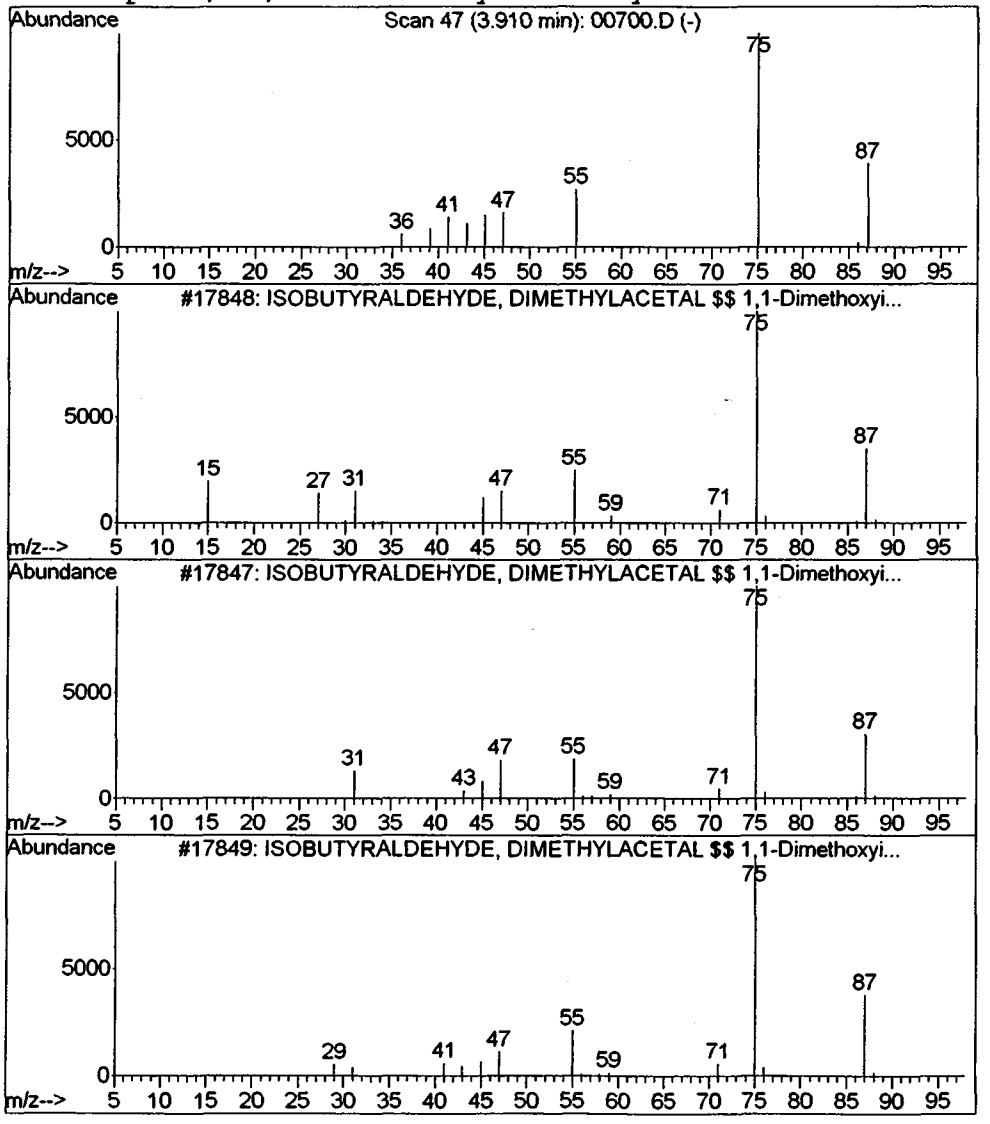
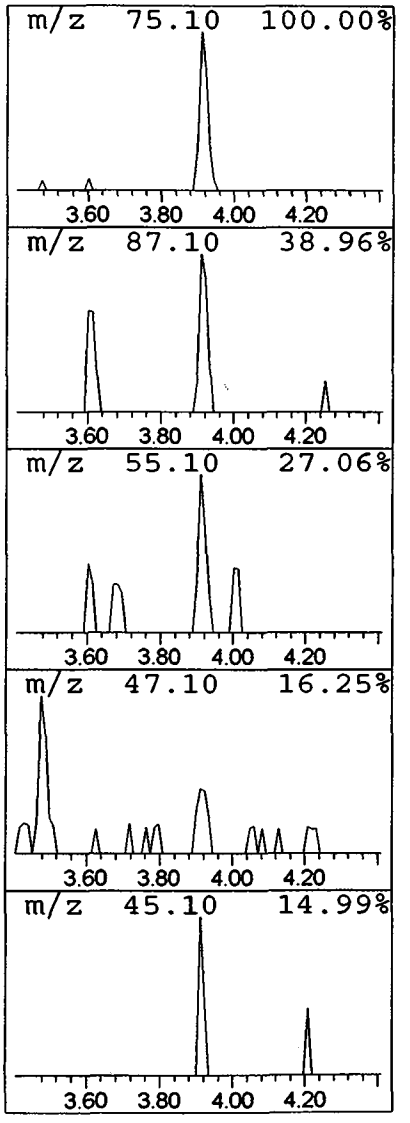
Peak Number 4 ISOBUTYRALDEHYDE, DIMETHYLA... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	0.08 ug/L	31060	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	74
2	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	9
3	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	9
4	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\00700.D Vial: 7
Acq On : 1 Feb 2002 7:42 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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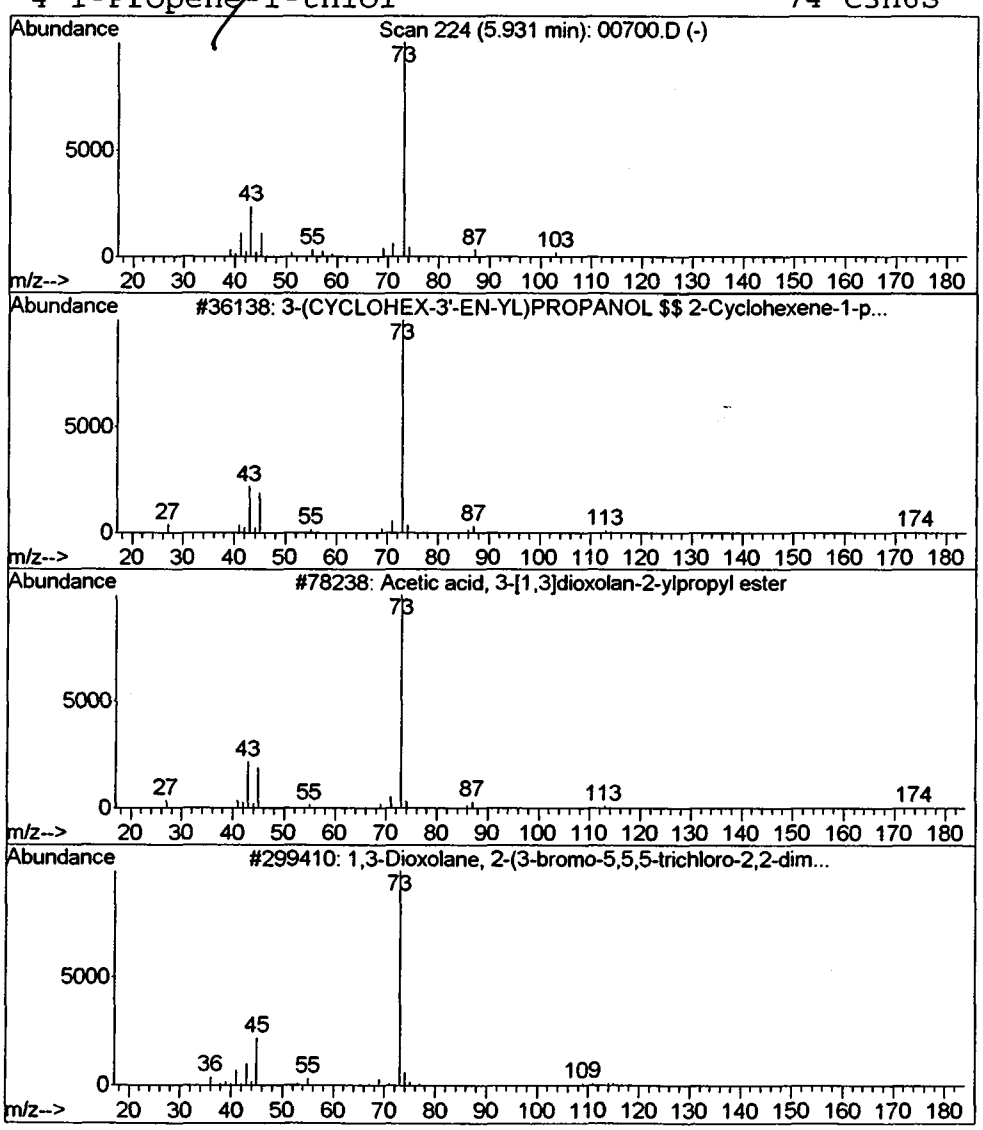
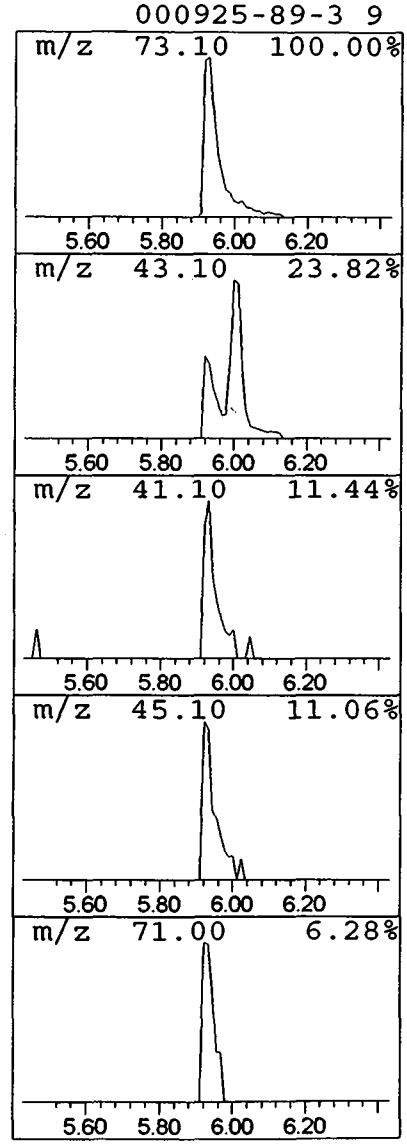
Peak Number 5 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	0.35 ug/L	133137	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	000000-00-0	23
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\00700.D Vial: 7
Acq On : 1 Feb 2002 7:42 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

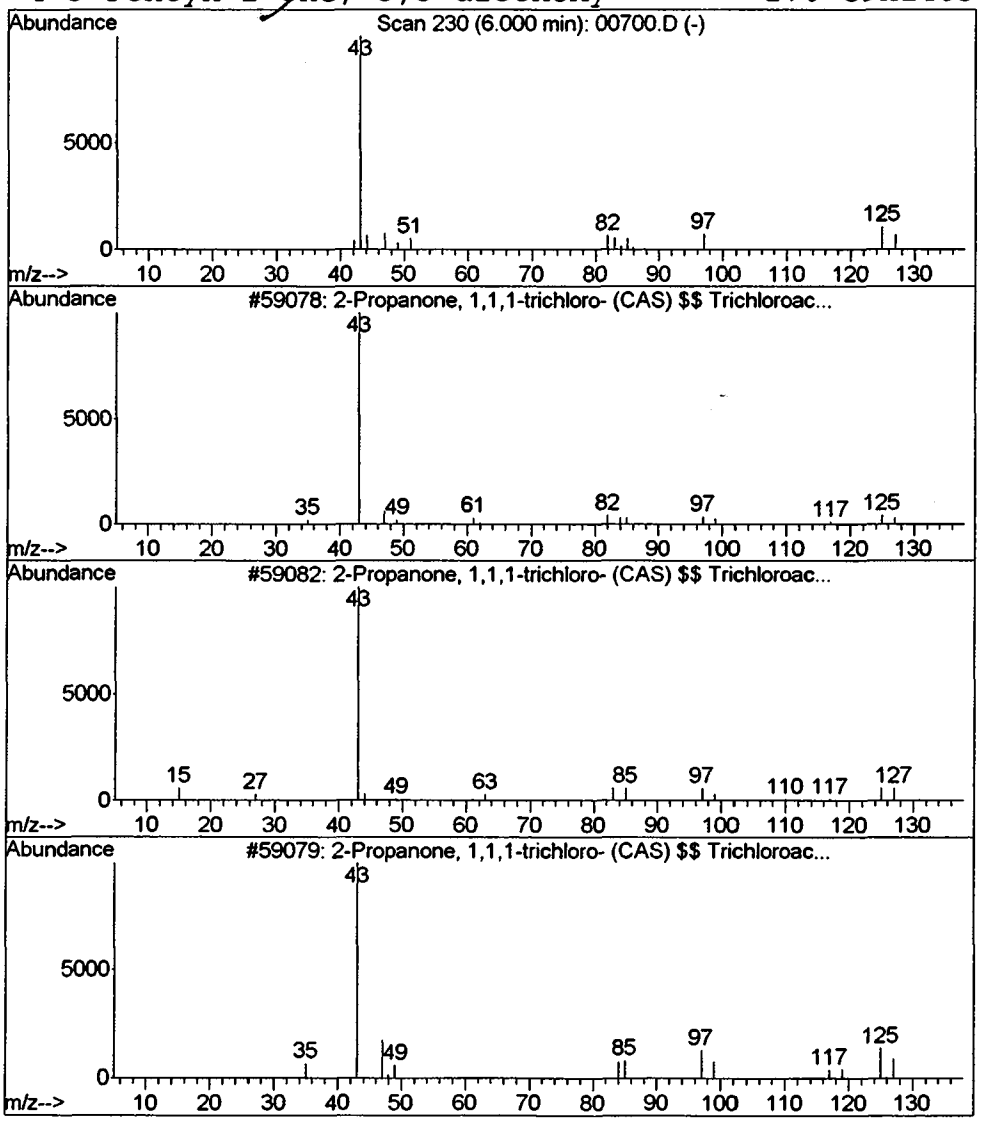
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

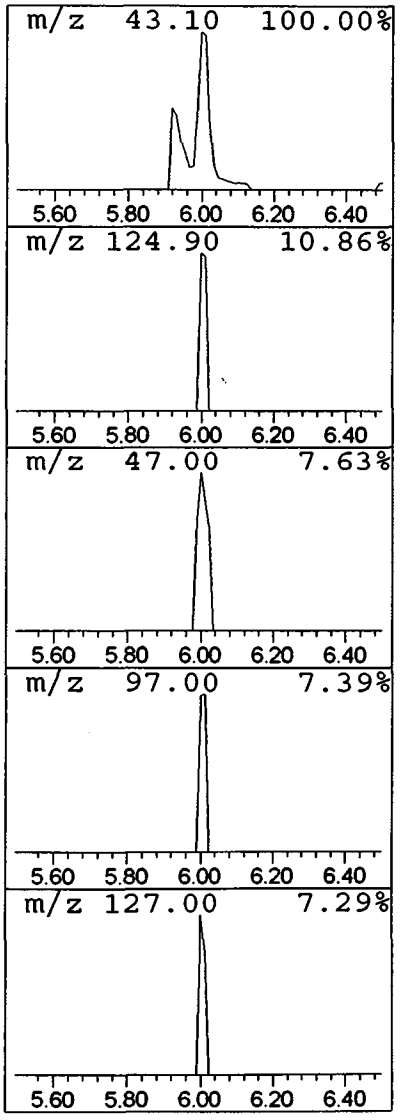
****

Peak Number 6 2-Propanone, 1,1,1-trichlor... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	0.22 ug/L	82820	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	64
2	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	38
3	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	36
4	3-Pentyn-2-one, 5,5-diethoxy-	170	C9H14O3	055402-04-5	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\00700.D Vial: 7
Acq On : 1 Feb 2002 7:42 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

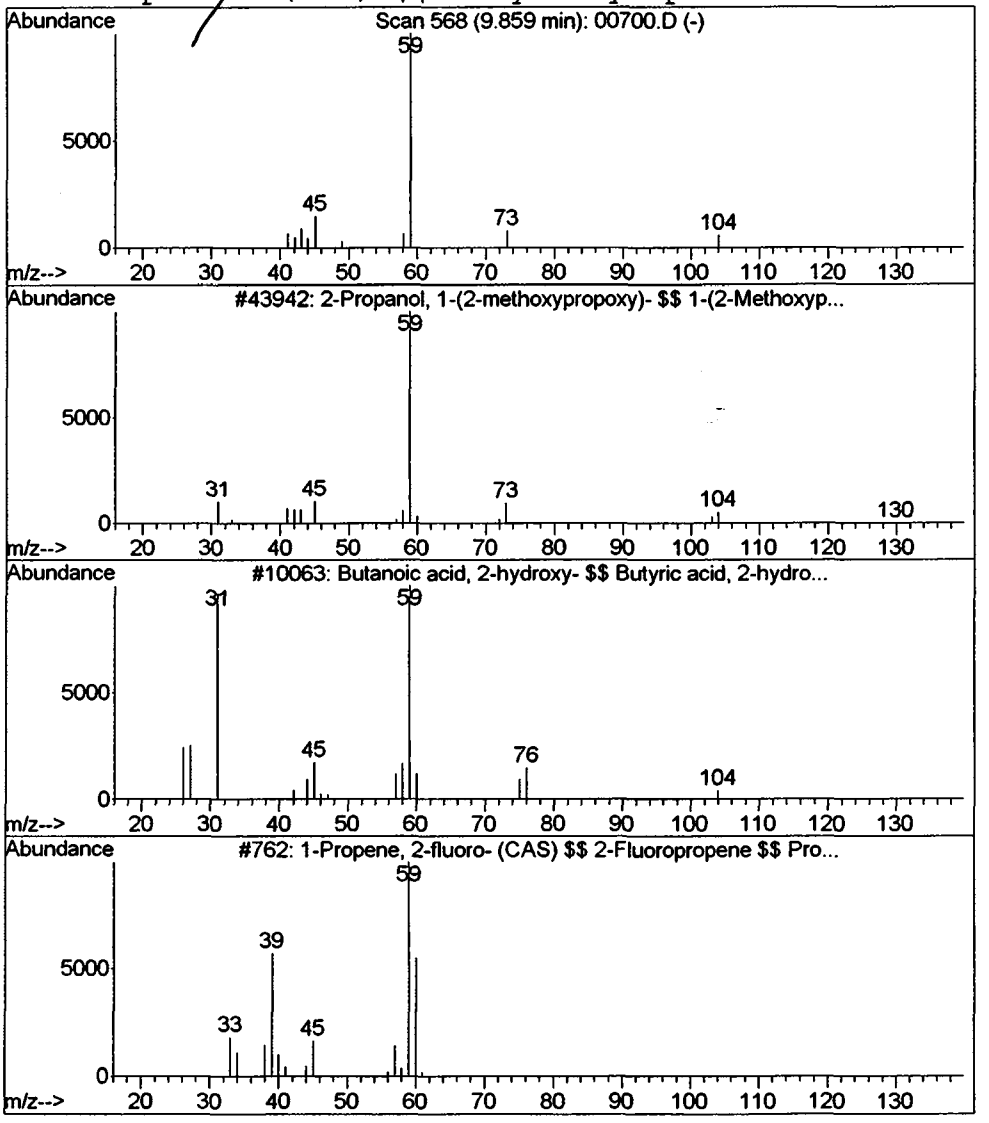
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

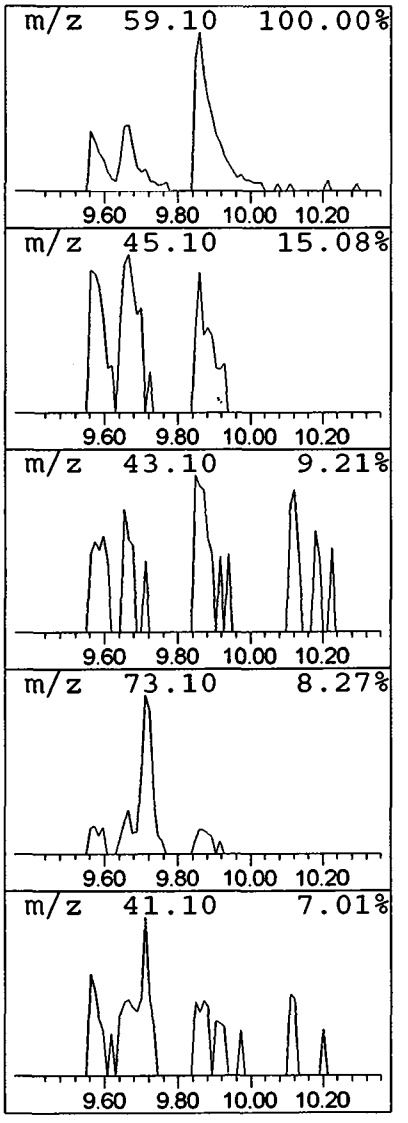
****

Peak Number 7 2-Propanol, 1-(2-methoxypro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	0.16 ug/L	60656	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	83
2	Butanoic acid, 2-hydroxy- $$ But...	104	C4H8O3	000565-70-8	9
3	1-Propene, 2-fluoro- (CAS) $$ 2-...	60	C3H5F	001184-60-7	9
4	3-Heptanol (CAS) $$ 3-Hydroxyhep...	116	C7H16O	000589-82-2	9





Data File : C:\MSDCHEM\1\5973N\02FEB01\00700.D Vial: 7
Acq On : 1 Feb 2002 7:42 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

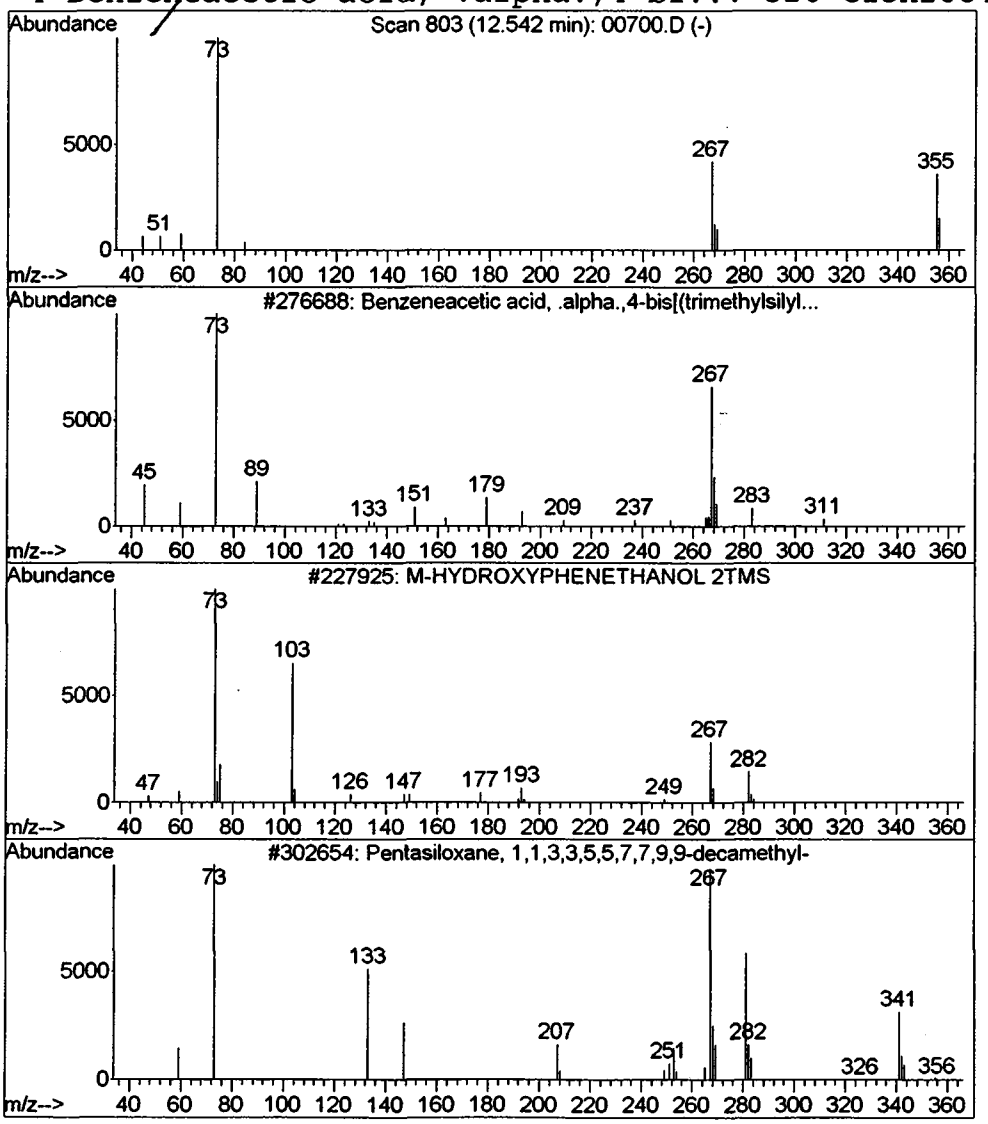
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

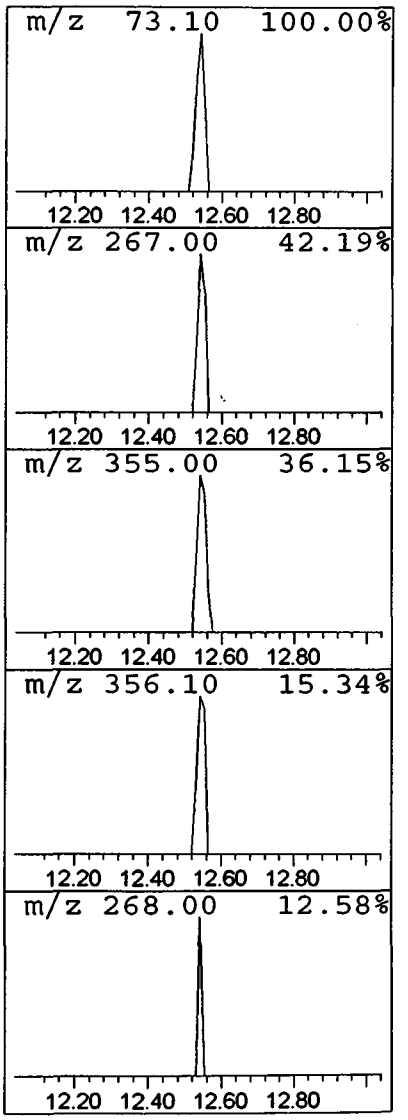
****

Peak Number 8 Benzeneacetic acid, .alpha.... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.05 ug/L	29425	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid, .alpha.,4-bi...	326	C15H26O4Si2	055334-40-2	9
2	M-HYDROXYPHENETHANOL 2TMS	282	C14H26O2Si2	000000-00-0	9
3	Pentasiloxane, 1,1,3,3,5,5,7,7,9...	356	C10H32O4Si5	000995-83-5	9
4	Benzeneacetic acid, .alpha.,4-bi...	326	C15H26O4Si2	055334-40-2	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\00700.D Vial: 7
Acq On : 1 Feb 2002 7:42 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

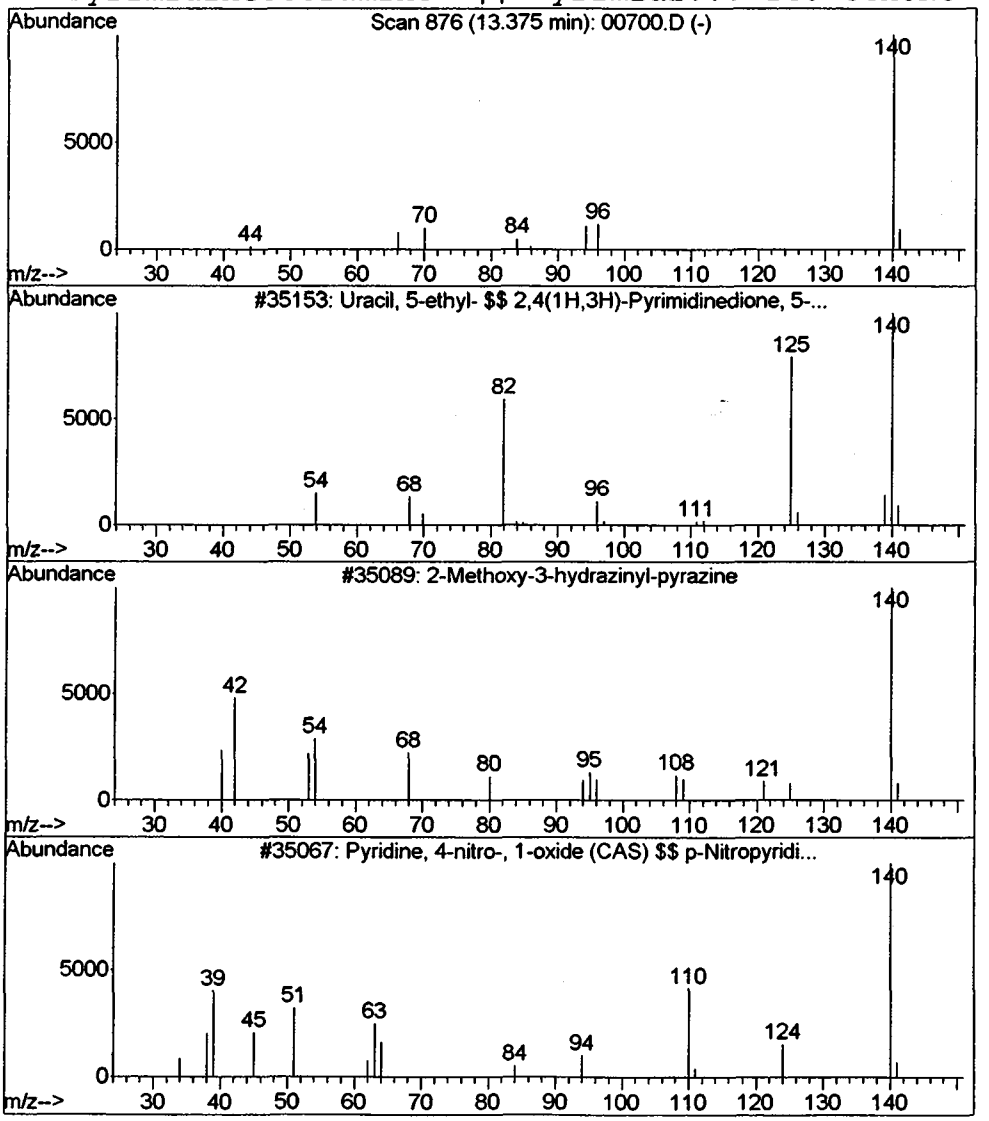
****

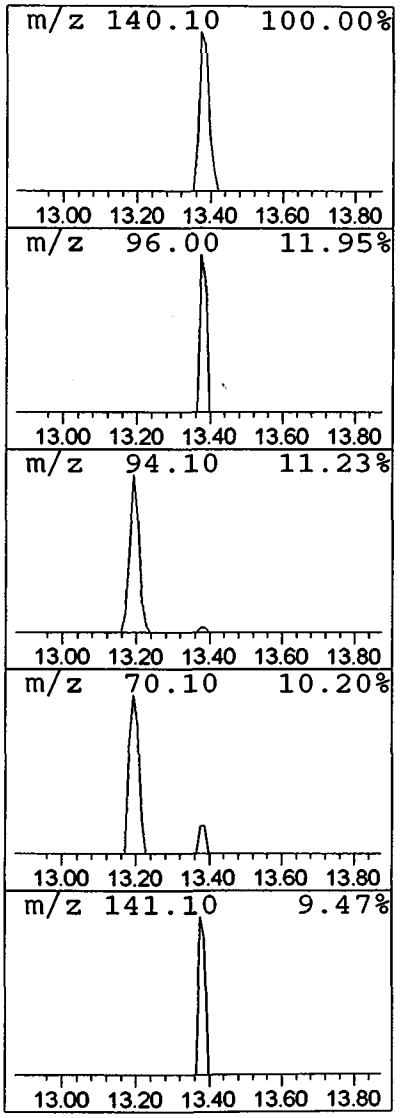
Peak Number 9 Uracil, 5-ethyl- $$ 2,4(1H,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	0.04 ug/L	19514	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Uracil, 5-ethyl- $$ 2,4(1H,3H)-P...	140	C6H8N2O2	004212-49-1	64
2	2-Methoxy-3-hydrazinyl-pyrazine	140	C5H8N4O	000000-00-0	56
3	Pyridine, 4-nitro-, 1-oxide (CAS...	140	C5H4N2O3	001124-33-0	50
4	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	40

NO
GOOD MATCH





Data File : C:\MSDCHEM\1\5973N\02FEB01\00700.D Vial: 7
Acq On : 1 Feb 2002 7:42 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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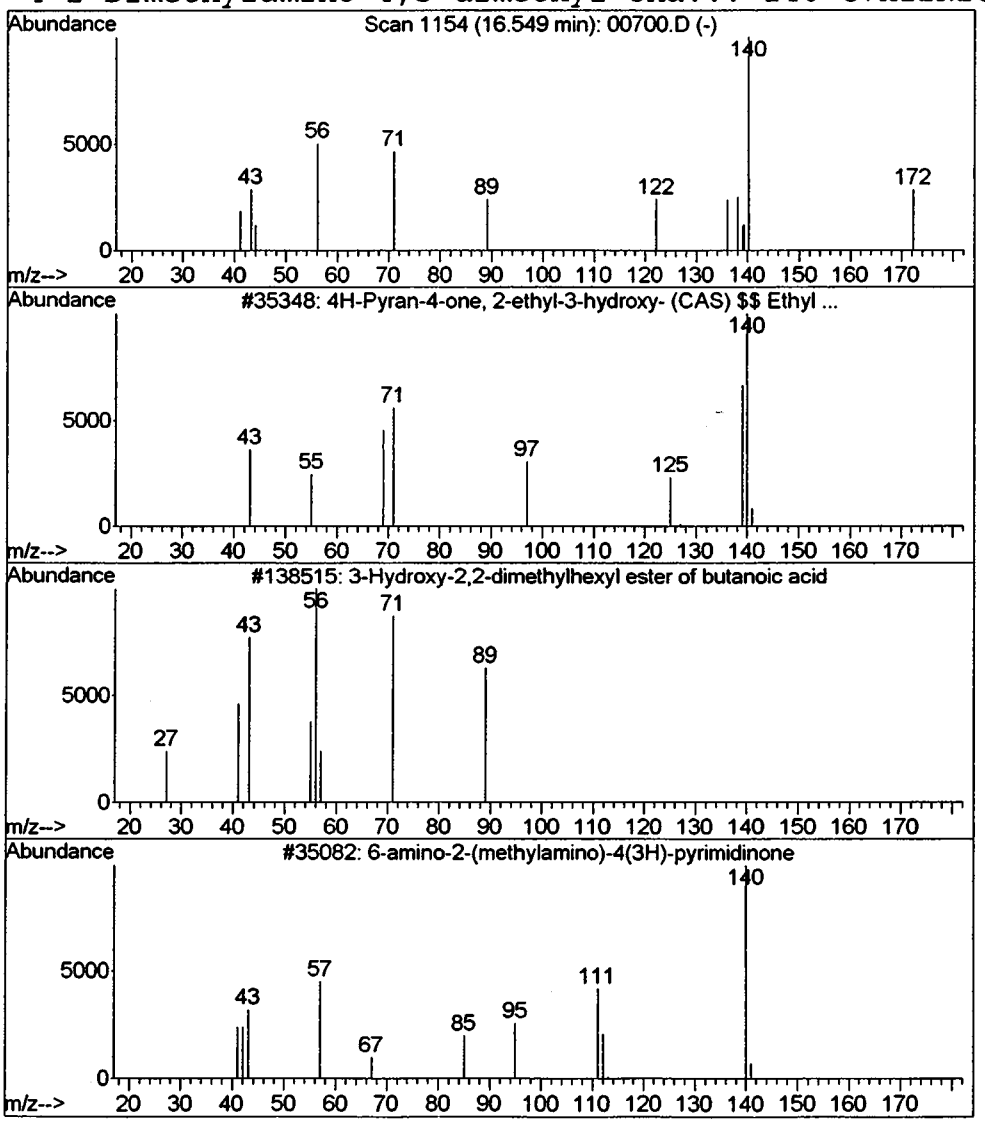
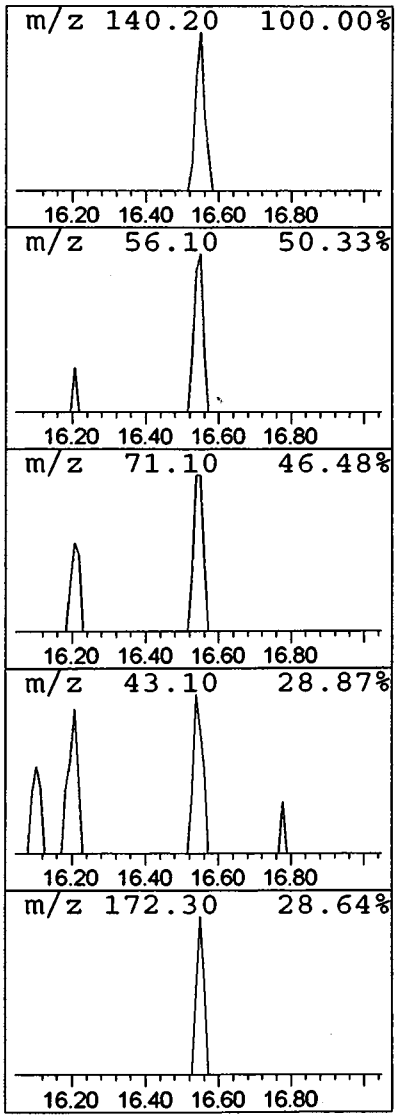
Peak Number 10 4H-Pyran-4-one, 2-ethyl-3-h... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.05 ug/L	32345	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Pyran-4-one, 2-ethyl-3-hydrox...	140	C7H8O3	004940-11-8	7
2	3-Hydroxy-2,2-dimethylhexyl este...	216	C12H24O3	000000-00-0	7
3	6-amino-2-(methylamino)-4(3H)-py...	140	C5H8N4O	089181-81-7	5
4	2-Dimethylamino-4,5-dimethyl-oxa...	140	C7H12N2O	000000-00-0	5





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\00700.D Vial: 7
Acq On : 1 Feb 2002 7:42 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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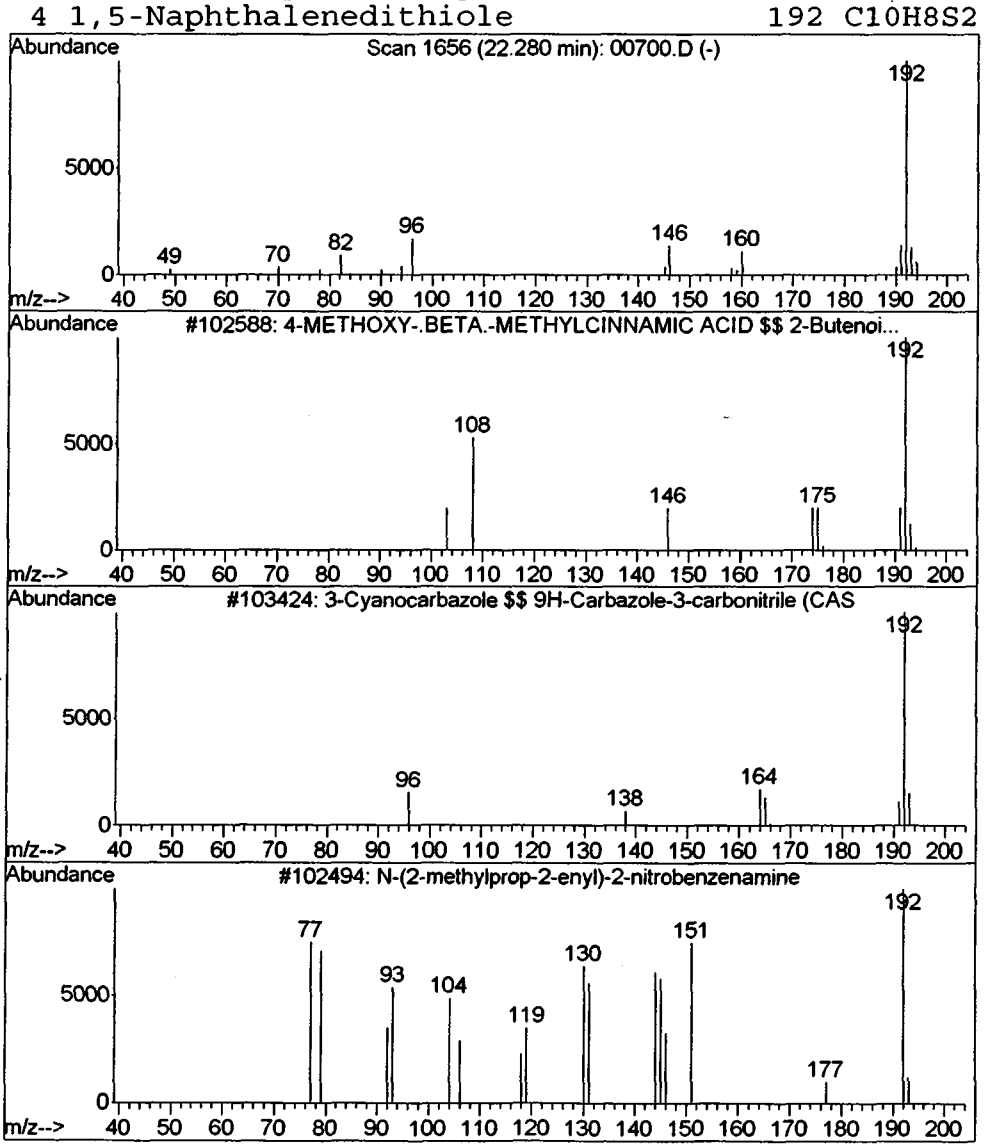
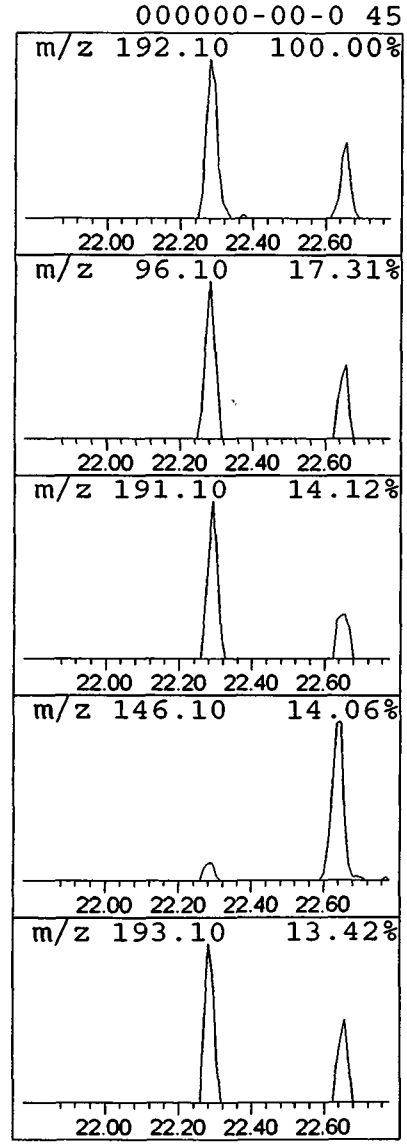
Peak Number 11 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	89349	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	64
2	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	59
3	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	49
4	1,5-Naphthalenedithiole	192	C10H8S2	000000-00-0	45





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02FEB01\00700.D Vial: 7
Acq On : 1 Feb 2002 7:42 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : February 1, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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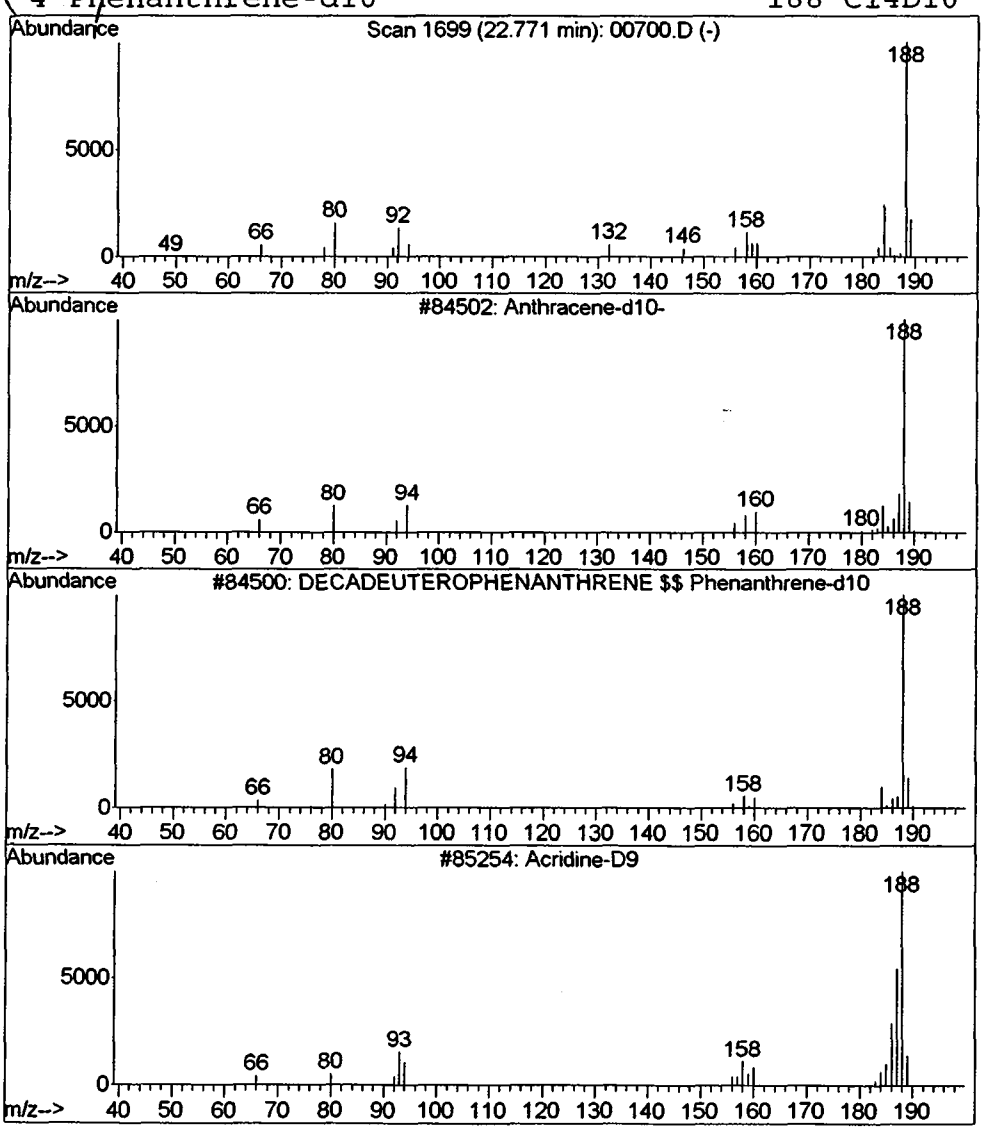
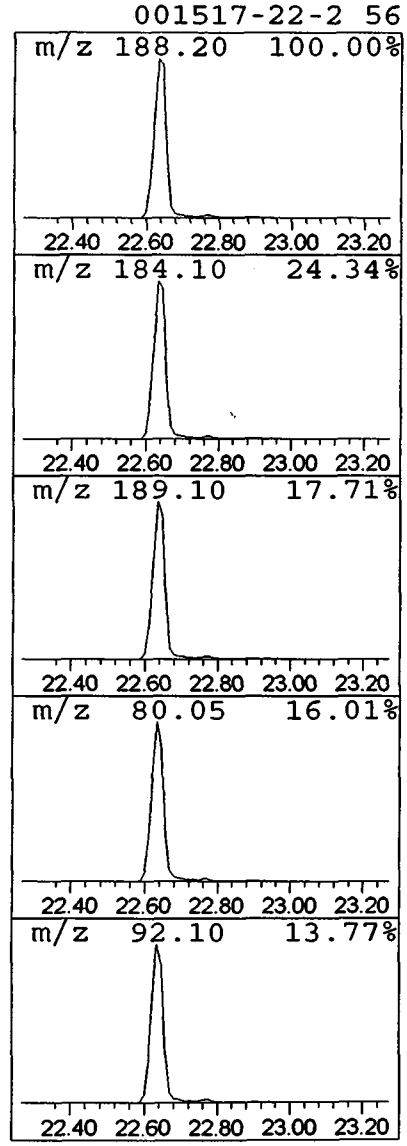
Peak Number 12 Anthracene-d10- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.42 ug/L	286994	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	80
2	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	72
3	Acridine-D9	188	C13D9N	000000-00-0	64
4	Phenanthrene-d10	188	C14D10	001517-22-2	56





Operator ID: Date Acquired: 1 Feb 2002 7:42 pm
Data File: C:\MSDCHEM\1\5973N\02FEB01\00700.D
Name: 508 scan
Misc: February 1, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.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
Acetonitrile, dic...	3.48	0.2	ug/L	60555	1	9.71	7654660	20.0
Butanoic acid, me...	3.60	0.2	ug/L	58091	1	9.71	7654660	20.0
METHOXYAMINE HYDR...	3.76	0.1	ug/L	24622	1	9.71	7654660	20.0
ISOBUTYRALDEHYDE,...	3.91	0.1	ug/L	31060	1	9.71	7654660	20.0
3-(CYCLOHEX-3'-EN...	5.93	0.3	ug/L	133137	1	9.71	7654660	20.0
2-Propanone, 1,1,...	6.00	0.2	ug/L	82820	1	9.71	7654660	20.0
2-Propanol, 1-(2-...	9.86	0.2	ug/L	60656	1	9.71	7654660	20.0
Benzeneacetic aci...	12.54	0.1	ug/L	29425	2	13.19	11115600	20.0
Uracil, 5-ethyl- ...	13.38	0.0	ug/L	19514	2	13.19	11115600	20.0
4H-Pyran-4-one, 2...	16.55	0.1	ug/L	32345	3	18.34	12418100	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	89349	4	22.63	13663900	20.0
Anthracene-d10-	22.77	0.4	ug/L	286994	4	22.63	13663900	20.0