User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/17/2002 Time: 16:00:11

Sample: AE00561
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/17/02 15:52 Ended: 1/17/02 15:52 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		5.0

Comments for Sample AE00561 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-17-2002 Time: 16:00:32

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 8 of the 43 compounds in the LCS Standard were above their acceptance ranges.

(Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN15\00561.D Vial: 5
Acq On : 15 Jan 2002 4:50 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 15, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 16 08:13:10 2002 Quant Results File: SCAN508.RES

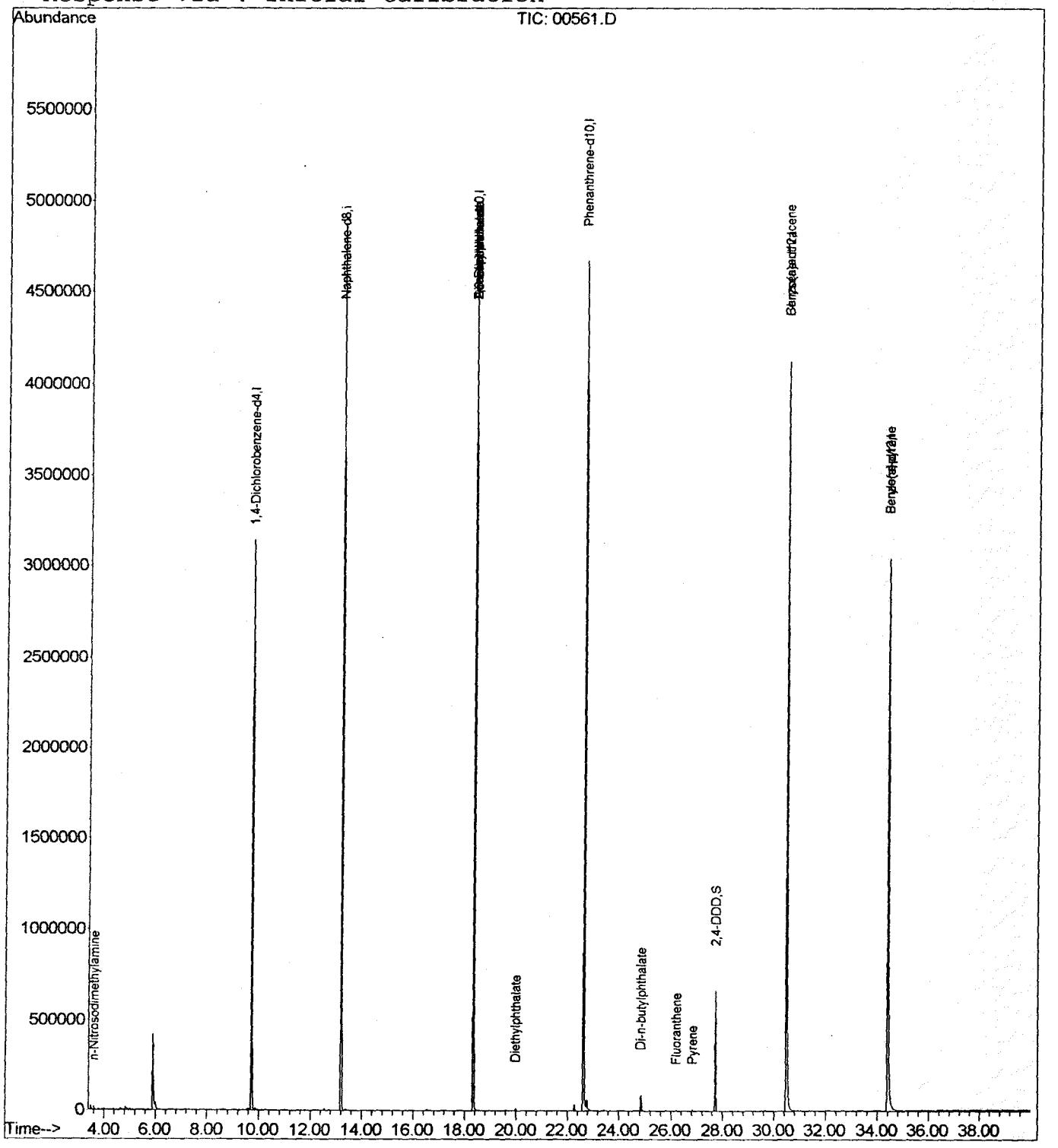
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1105165	20.00	ug/L		0.00
10) Naphthalene-d8	13.19	136	4667482	20.00	ug/L		-0.02
17) Acenaphthene-d10	18.34	164	2378364	20.00	ug/L		-0.01
29) Phenanthrene-d10	22.63	188	3989307	20.00	ug/L		-0.03
38) Chrysene-d12	30.49	240	3395129	20.00	ug/L		-0.02
44) Perylene-d12	34.42	264	2315533	20.00	ug/L		0.00
System Monitoring Compounds							
37) 2,4-DDD	27.73	235	231783	3.68	ug/L		0.00
Spiked Amount 5.000			Recovery = 73.60%				
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.60	74	8618	0.18	ug/L	#	17
20) Dimethylphthalate	18.34	163	381853	2.43	ug/L	#	56
21) 2,6-Dinitrotoluene	18.34	165	301833	1.85	ug/L	#	17
25) Diethylphthalate	20.00	149	13211	0.09	ug/L		95
35) Di-n-butylphthalate	24.85	149	100260	0.39	ug/L		97
36) Fluoranthene	26.22	202	8298	0.04	ug/L	#	67
39) Pyrene	26.85	202	8708	0.03	ug/L		91
41) Benzo(a)anthracene	30.49	228	10185	0.05	ug/L	#	59
43) Chrysene	30.49	228	13448	0.07	ug/L	#	56
48) Benzo(a)pyrene	34.42	252	8023	0.05	ug/L	#	1

(#) = qualifier out of range (m) = manual integration
00561.D SCAN508.M Wed Jan 16 08:13:11 2002 Page 1

Data File : C:\MSDCHEM\1\5973N\02JAN15\00561.D Vial: 5
Acq On : 15 Jan 2002 4:50 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 15, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 16 8:13 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



Data File : C:\MSDCHEM\1\5973N\02JAN15\00561.D Vial: 5
Acq On : 15 Jan 2002 4:50 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 15, 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

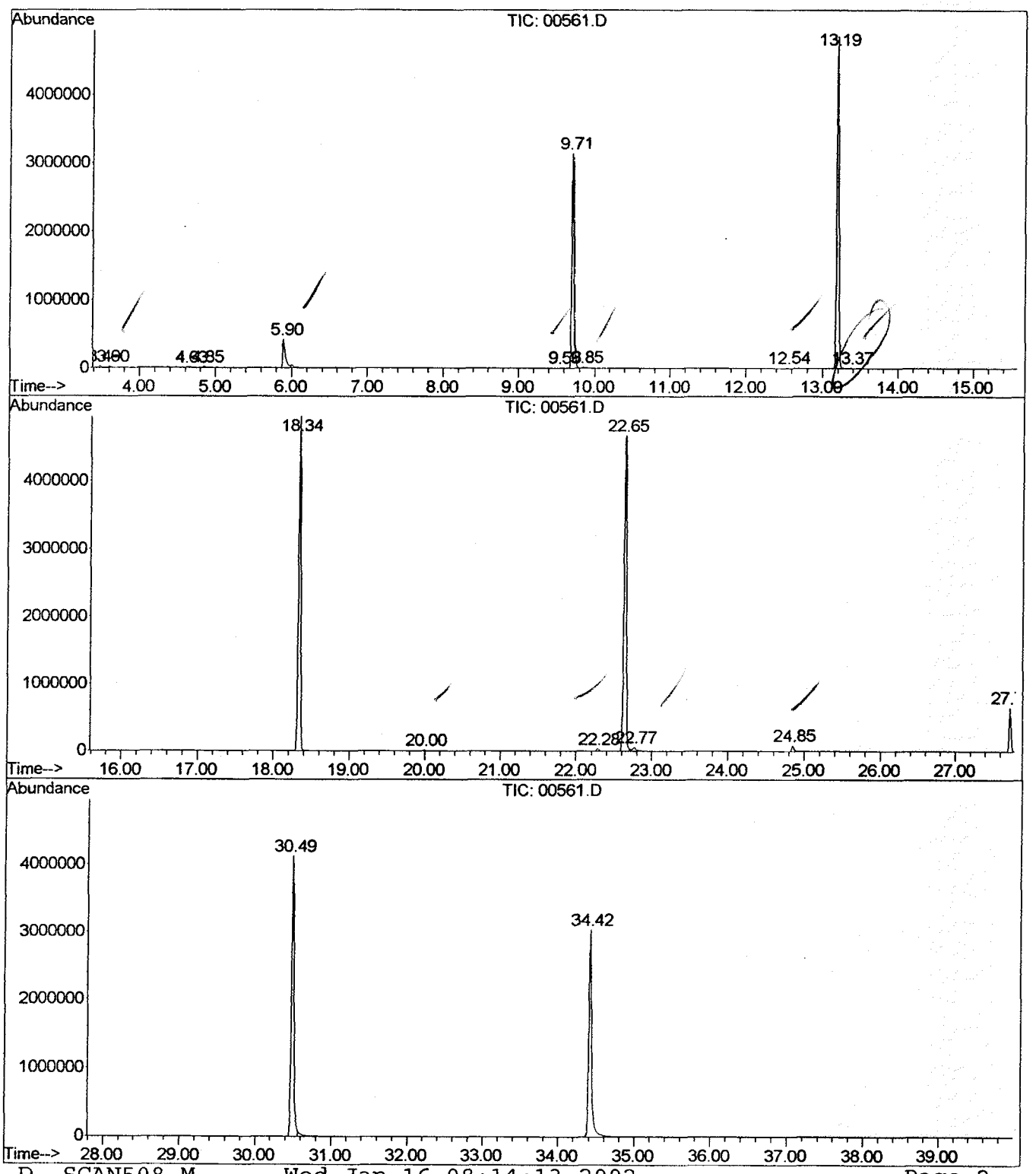
If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.488	7	10	19	rBV	25719	48707	0.46%	0.087%
2	3.602	19	20	25	rVB	19479	33780	0.32%	0.061%
3	4.630	107	110	119	rVB2	7981	21613	0.21%	0.039%
4	4.846	125	129	141	rVB5	15920	46087	0.44%	0.083%
5	5.897	217	221	229	rBV	417549	1004316	9.54%	1.801%
6	9.562	537	542	547	rVV2	8729	24865	0.24%	0.045%
7	9.710	551	555	561	rVV	3140570	6276984	59.63%	11.257%
8	9.847	561	567	577	rVB	14781	41592	0.40%	0.075%
9	12.541	799	803	807	rVB	13978	25996	0.25%	0.047%
10	13.192	855	860	865	rBV	4872073	8956446	85.08%	16.062%
11	13.375	873	876	887	rVB2	8829	23611	0.22%	0.042%
12	18.341	1305	1311	1315	rBV	4950973	9649122	91.66%	17.304%
13	19.997	1451	1456	1459	rBB2	14441	28704	0.27%	0.051%
14	22.280	1651	1656	1661	rBV2	33459	66653	0.63%	0.120%
15	22.645	1681	1688	1693	rBV2	4671976	10527160	100.00%	18.879%
16	22.771	1695	1699	1711	rVB	58137	173456	1.65%	0.311%
17	24.849	1877	1881	1887	rBV	84504	158319	1.50%	0.284%
18	27.726	2129	2133	2139	rVV	660162	1129755	10.73%	2.026%
19	30.489	2369	2375	2381	rBV2	4122746	9727079	92.40%	17.444%
20	34.416	2713	2719	2749	rBV	3037568	7798012	74.08%	13.984%

Sum of corrected areas: 55762257

File : C:\MSDCHEM\1\5973N\02JAN15\00561.D
Operator :
Acquired : 15 Jan 2002 4:50 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : January 15, 2002
Vial Number: 5
Quant File :SCAN508.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\5973N\02JAN15\00561.D Vial: 5
Acq On : 15 Jan 2002 4:50 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 15, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

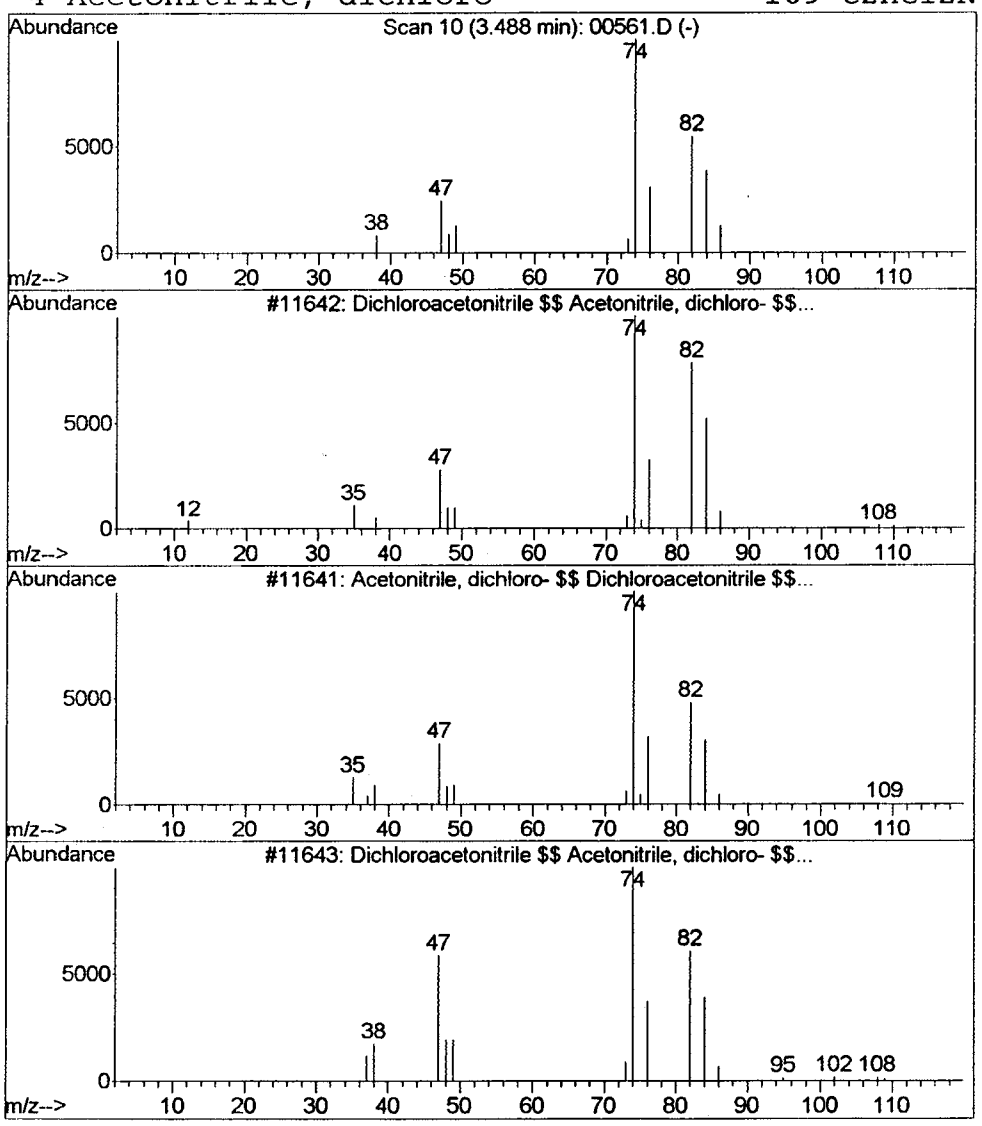
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

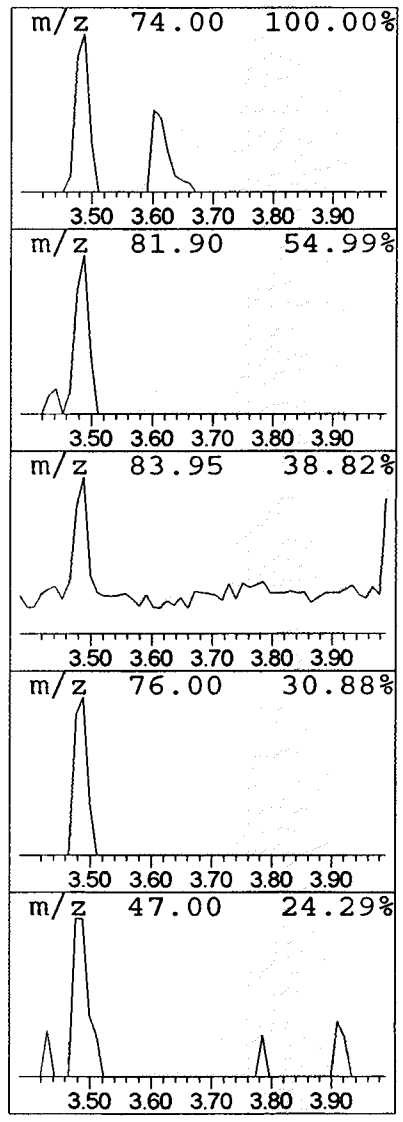
****

Peak Number 1 Dichloroacetonitrile $$ Ace... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	0.16 ug/L	48707	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	83
2	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	83
3	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	83
4	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64





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Data File : C:\MSDCHEM\1\5973N\02JAN15\00561.D          Vial: 5
Acq On    : 15 Jan 2002    4:50 pm                   Operator:
Sample    : 508 scan                                 Inst    : Instrumen
Misc      : January 15, 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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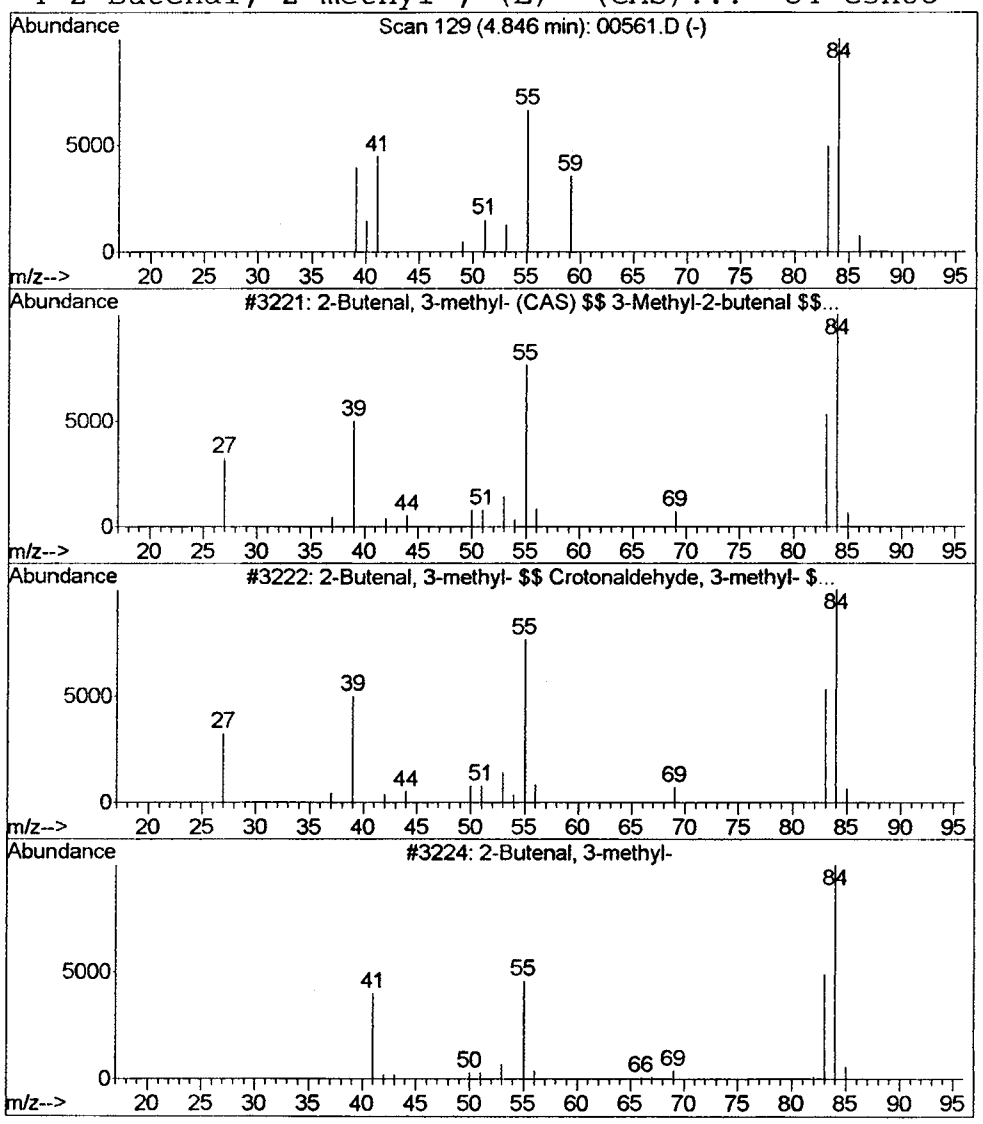
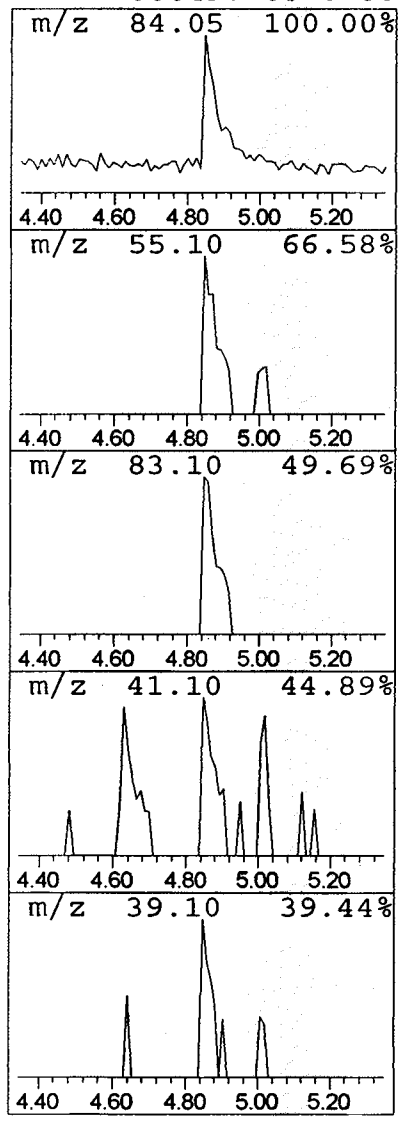
Peak Number 2 2-Butenal, 3-methyl- (CAS) ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	0.15 ug/L	46087	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl- (CAS) $$ 3-...	84	C5H8O	000107-86-8	80
2	2-Butenal, 3-methyl- $$ Crotonal...	84	C5H8O	000107-86-8	80
3	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	64
4	2-Butenal, 2-methyl-, (E)- (CAS)...	84	C5H8O	000497-03-0	58





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Data File : C:\MSDCHEM\1\5973N\02JAN15\00561.D          Vial: 5
Acq On    : 15 Jan 2002    4:50 pm                    Operator:
Sample    : 508 scan                                  Inst    : Instrumen
Misc      : January 15, 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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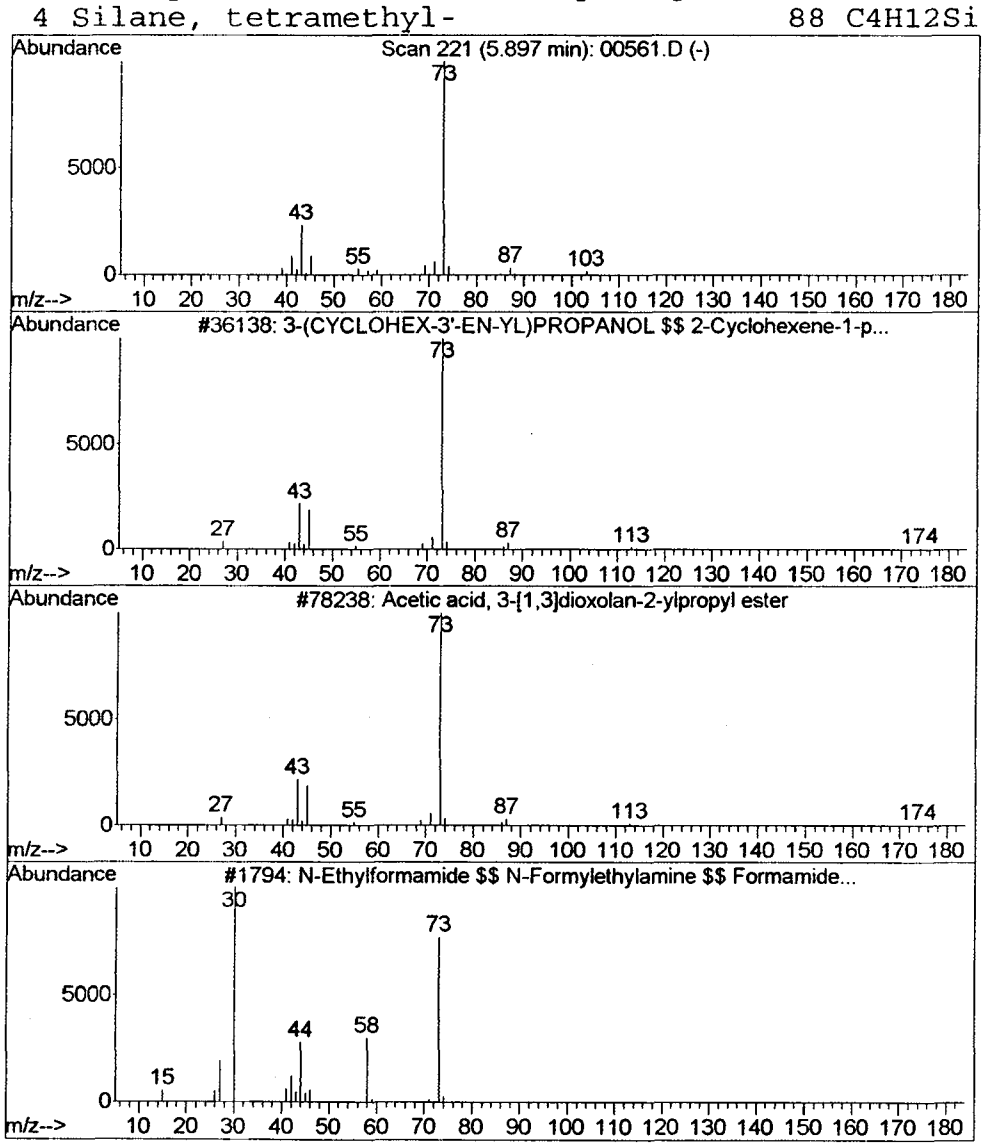
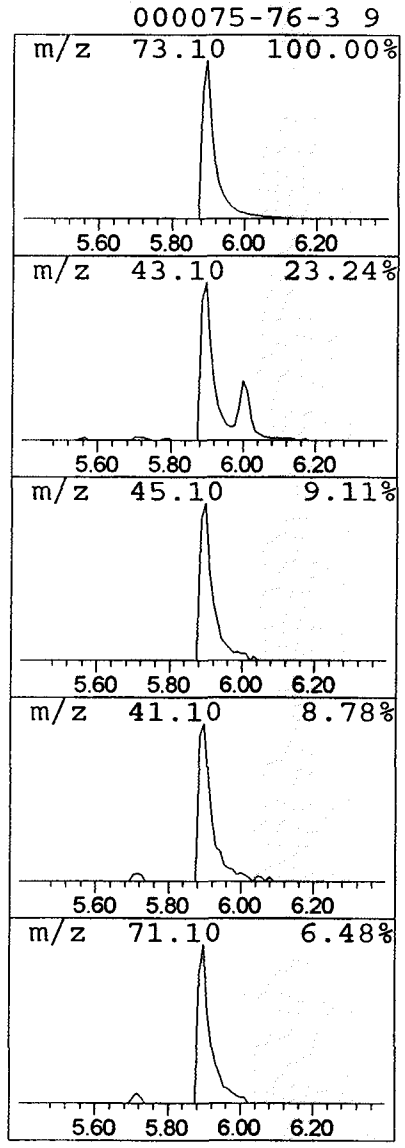
Peak Number 3 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	3.20 ug/L	1004320	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
3	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data File : C:\MSDCHEM\1\5973N\02JAN15\00561.D Vial: 5
Acq On : 15 Jan 2002 4:50 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 15, 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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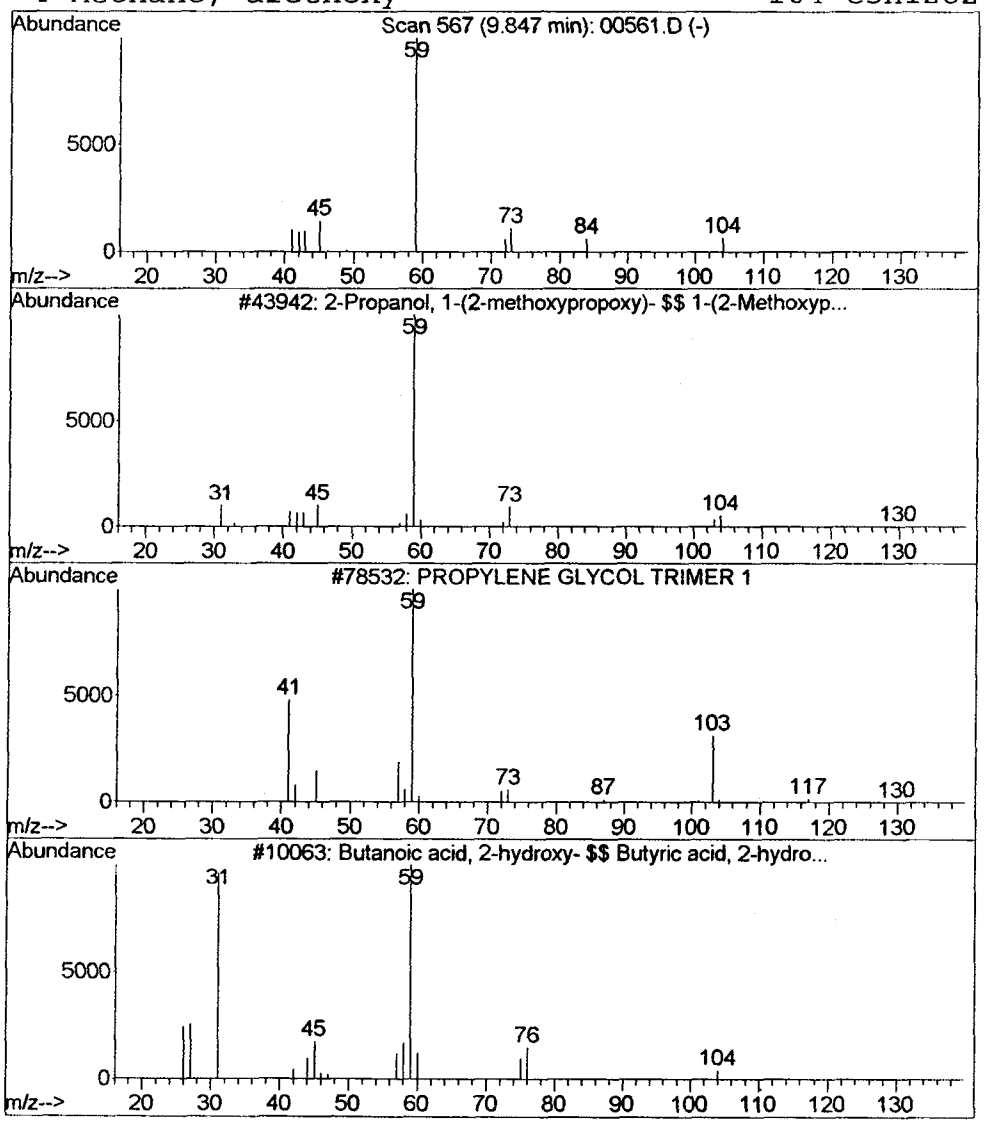
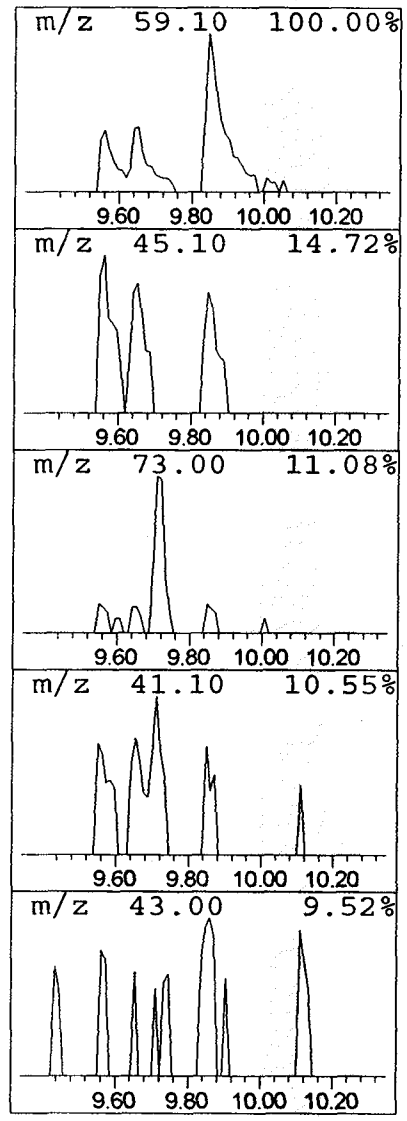
Peak Number 4 2-Propanol, 1-(2-methoxypro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.13 ug/L	41592	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	64
2	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	9
3	Butanoic acid, 2-hydroxy- $$ But...	104	C4H8O3	000565-70-8	7
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	4





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Data File : C:\MSDCHEM\1\5973N\02JAN15\00561.D          Vial: 5
Acq On    : 15 Jan 2002    4:50 pm                    Operator:
Sample    : 508 scan                                  Inst    : Instrumen
Misc      : January 15, 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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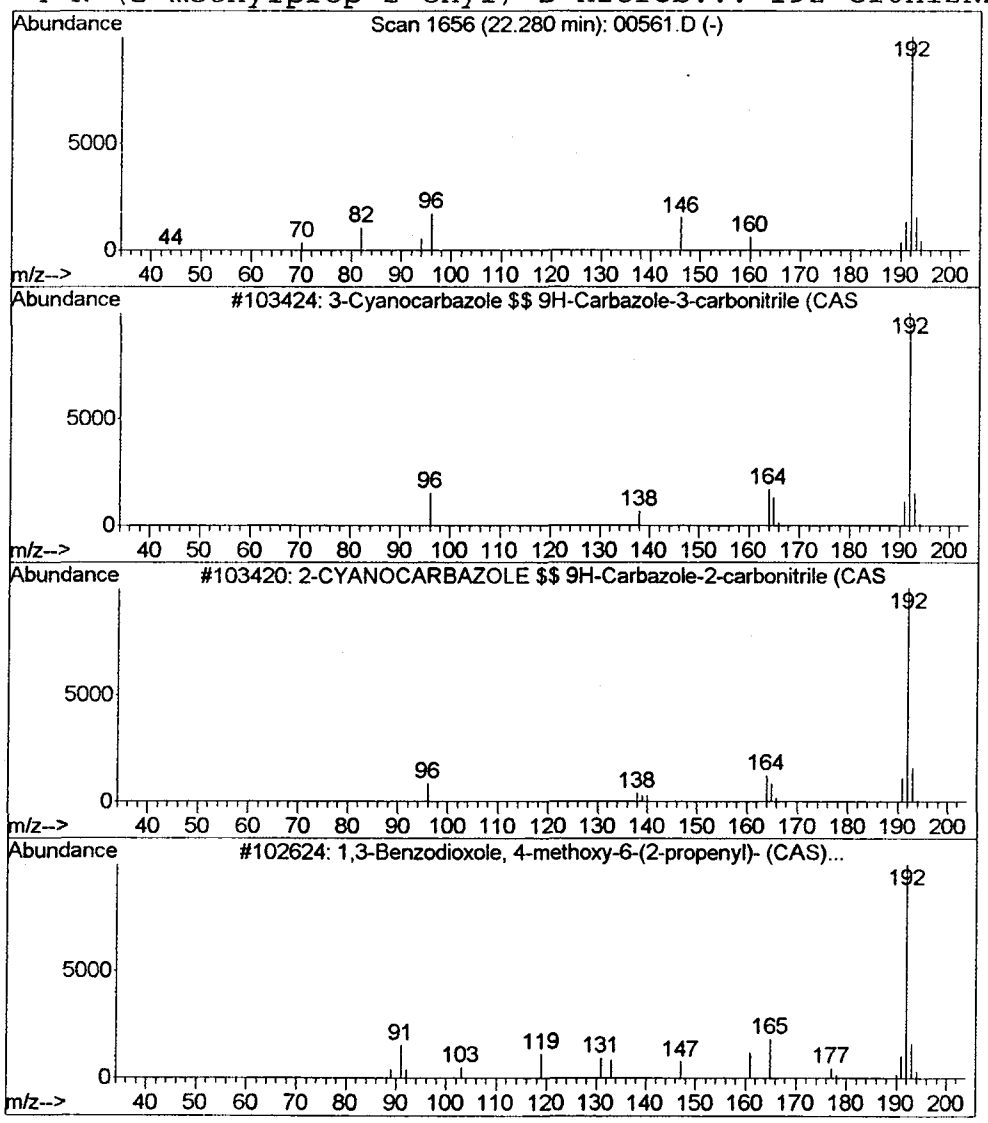
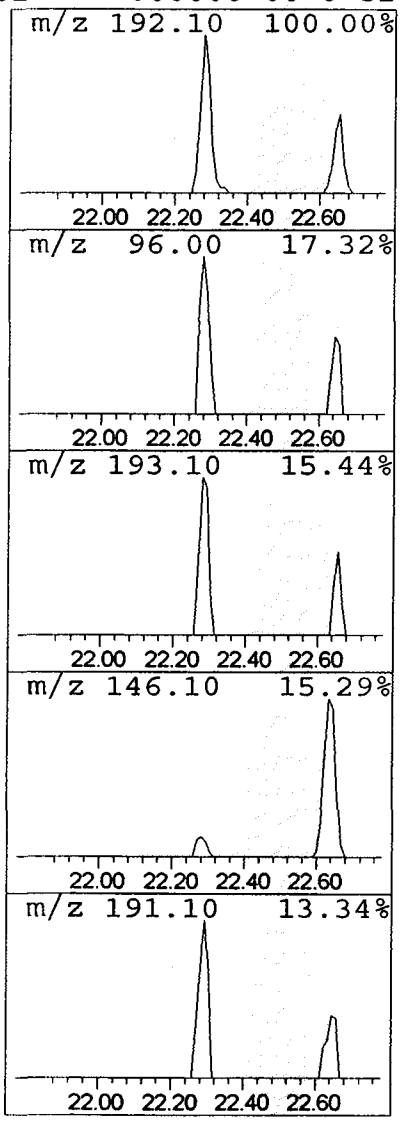
****

Peak Number 5 3-Cyanocarbazole $$ 9H-Carb... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	66653	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	72
2	2-CYANOCARBAZOLE $$ 9H-Carbazole...	192	C13H8N2	057955-18-7	72
3	1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	64
4	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	52





Data File : C:\MSDCHEM\1\5973N\02JAN15\00561.D Vial: 5
Acq On : 15 Jan 2002 4:50 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 15, 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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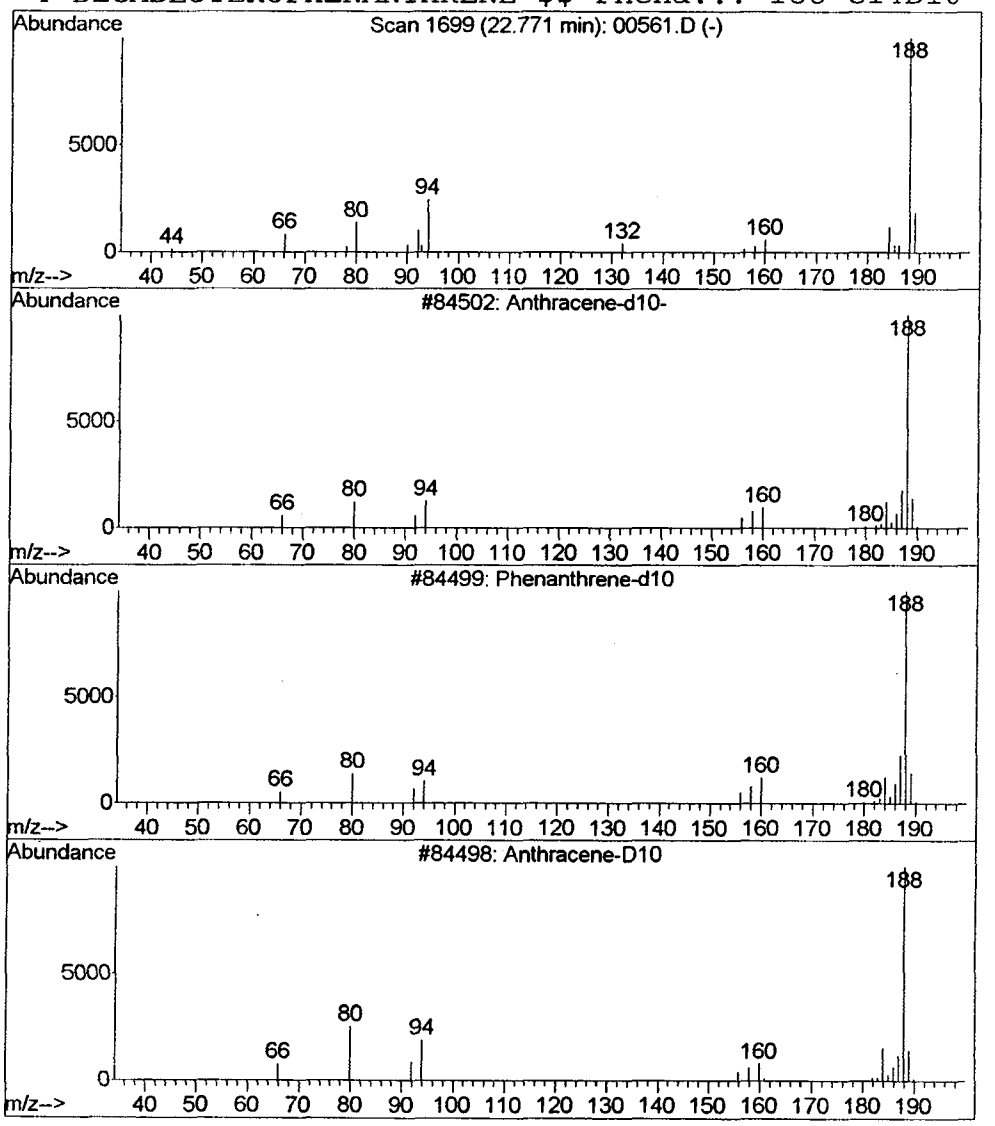
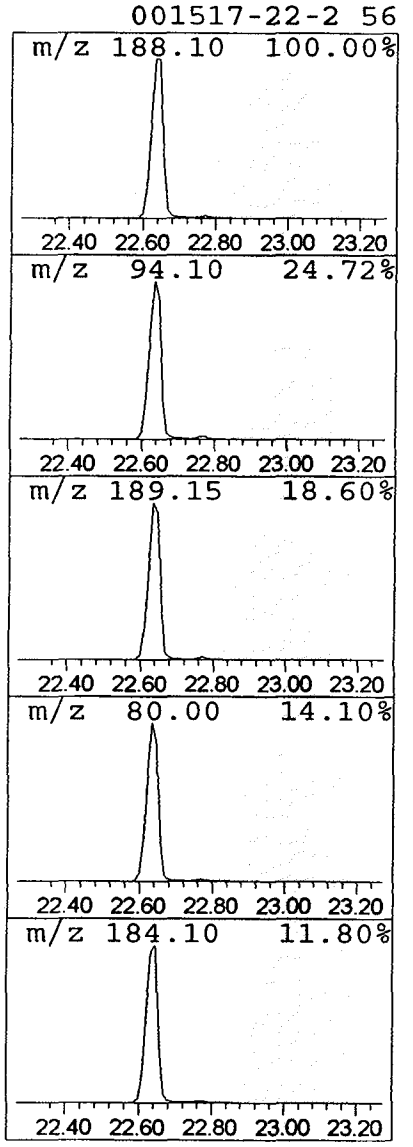
Peak Number 6 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.33 ug/L	173456	Phenanthrene-d10	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	80
2	Phenanthrene-d10	188	C14D10	001517-22-2	80
3	Anthracene-D10	188	C14D10	000000-00-0	64
4	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	56





Operator ID: Date Acquired: 15 Jan 2002 4:50 pm
Data File: C:\MSDCHEM\1\5973N\02JAN15\00561.D
Name: 508 scan
Misc: January 15, 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--- #	RT	Resp	Conc
Dichloroacetonitr...	3.49	0.2	ug/L	48707	1	9.72	6276980	20.0
2-Butenal, 3-meth...	4.85	0.1	ug/L	46087	1	9.72	6276980	20.0
3-(CYCLOHEX-3'-EN...	5.90	3.2	ug/L	1004320	1	9.72	6276980	20.0
2-Propanol, 1-(2-...	9.85	0.1	ug/L	41592	1	9.72	6276980	20.0
3-Cyanocarbazole ...	22.28	0.1	ug/L	66653	4	22.63	10527200	20.0
Anthracene-d10	22.77	0.3	ug/L	173456	4	22.63	10527200	20.0