User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 12:52:42

Sample: AE00106
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/7/02 12:52 Ended: 2/7/02 12:52 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		84		5.0

Comments for Sample AE00106 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-07-2002 Time: 12:53:34

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

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN25\00106.D Vial: 5
Acq On : 25 Jan 2002 1:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 28 09:00:02 2002 Quant Results File: SCAN508.RES

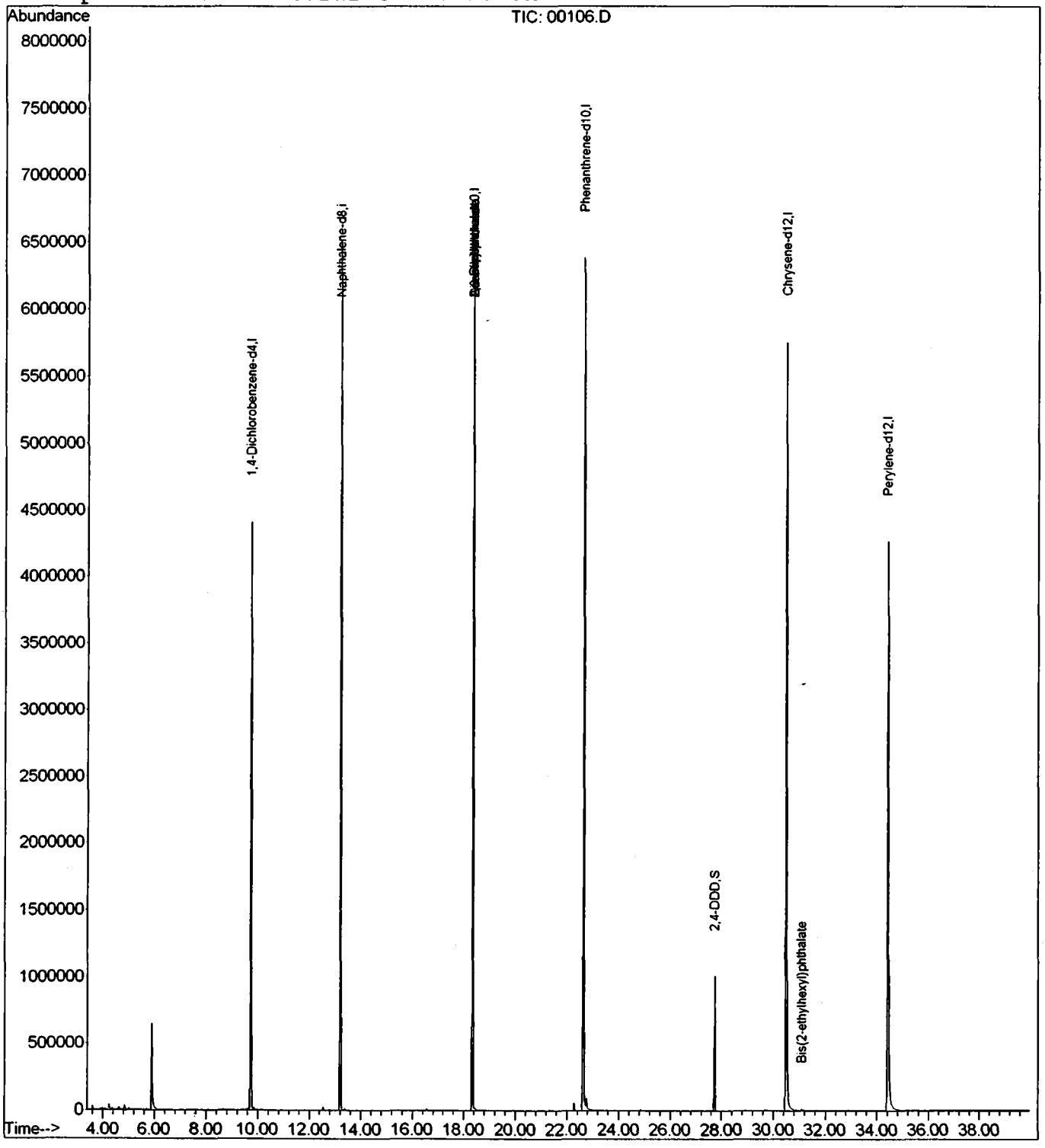
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	1557744	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	6513174	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3321943	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	5480358	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	4873133	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3440877	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	362437	4.18	ug/L	0.00
Spiked Amount 5.000			Recovery = 83.60%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	530504	2.42	ug/L	# 57
21) 2,6-Dinitrotoluene	18.34	165	420452	9.83	ug/L	# 17
42) Bis(2-ethylhexyl)phthalate	31.09	149	14715	0.61	ug/L	84

(#) = qualifier out of range (m) = manual integration
00106.D SCAN508.M Mon Jan 28 09:00:03 2002 Page 1

Data File : C:\MSDCHEM\1\5973N\02JAN25\00106.D Vial: 5
Acq On : 25 Jan 2002 1:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 28 9:00 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\02JAN25\00106.D Vial: 5
Acq On : 25 Jan 2002 1:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 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

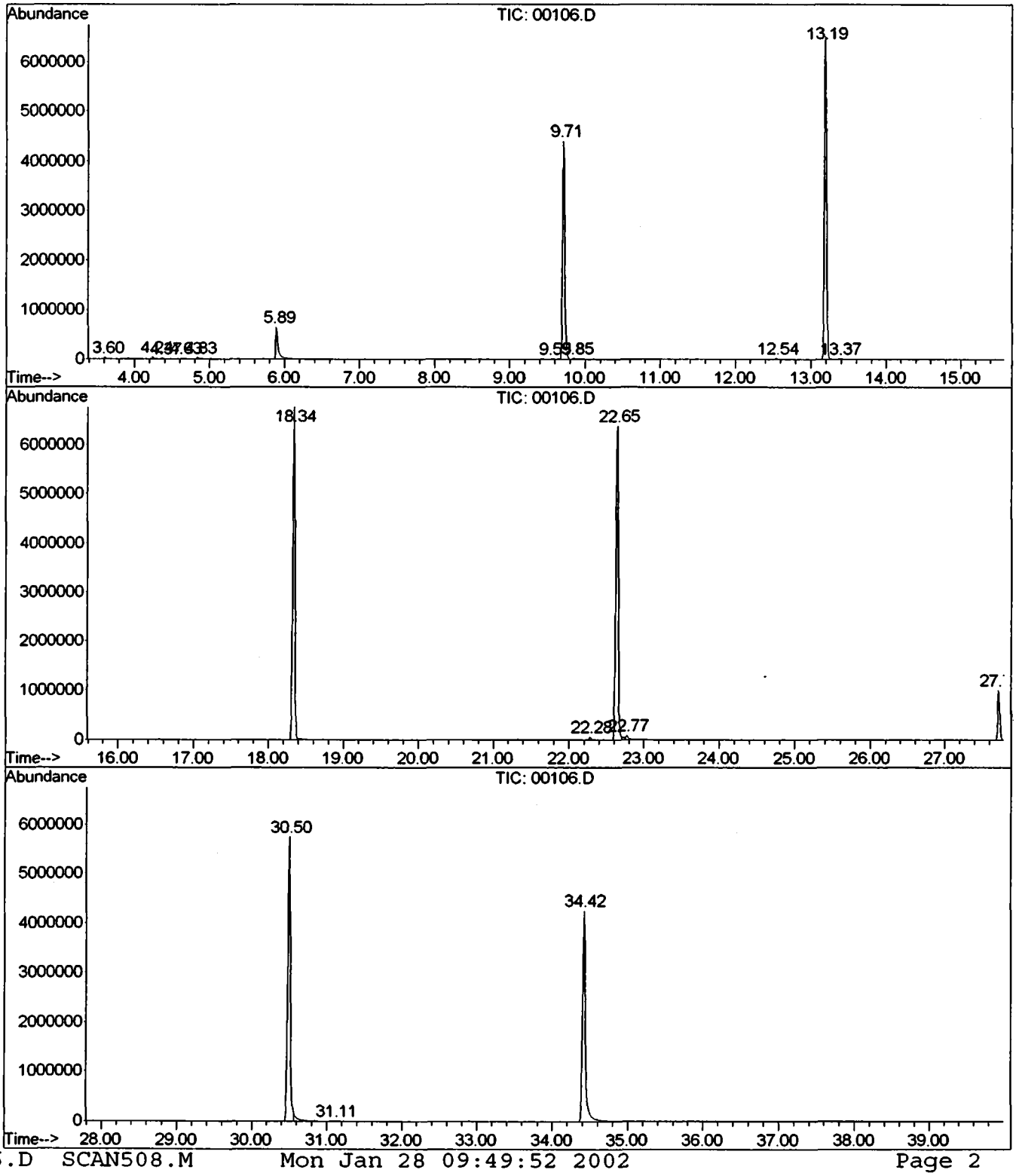
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.602	17	20	25	rBV	29725	50856	0.35%	0.064%
2	4.241	71	76	83	rVV3	42289	87635	0.60%	0.110%
3	4.367	83	87	91	rVB3	16639	36636	0.25%	0.046%
4	4.629	107	110	117	rVB3	19126	43655	0.30%	0.055%
5	4.835	123	128	141	rBV3	33516	88598	0.61%	0.112%
6	5.885	217	220	243	rBV	649470	1489126	10.21%	1.874%
7	9.550	537	541	547	rBV3	12112	32446	0.22%	0.041%
8	9.710	551	555	563	rVB	4404223	8915759	61.15%	11.222%
9	9.847	563	567	573	rBV	18743	50822	0.35%	0.064%
10	12.541	799	803	811	rVB	25876	44730	0.31%	0.056%
11	13.192	855	860	865	rBV	6511424	12579349	86.27%	15.833%
12	13.375	873	876	883	rVB2	14373	31979	0.22%	0.040%
13	18.341	1305	1311	1315	rBV	6758882	13477411	92.43%	16.963%
14	22.280	1651	1656	1661	rVB	59491	114694	0.79%	0.144%
15	22.645	1681	1688	1693	rBV2	6382840	14581203	100.00%	18.353%
16	22.771	1697	1699	1717	rVB	88460	223435	1.53%	0.281%
17	27.726	2129	2133	2139	rVV	1005721	1806287	12.39%	2.273%
18	30.500	2369	2376	2381	rBV	5753710	14007326	96.06%	17.630%
19	31.105	2419	2429	2437	rBV7	13959	57691	0.40%	0.073%
20	34.416	2713	2719	2749	rBV	4262981	11730304	80.45%	14.764%

Sum of corrected areas: 79449942

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN25\00106.D
Operator :
Acquired : 25 Jan 2002 1:28 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : January 25, 2002
Vial Number: 5
Quant File :SCAN508.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\5973N\02JAN25\00106.D Vial: 5
Acq On : 25 Jan 2002 1:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

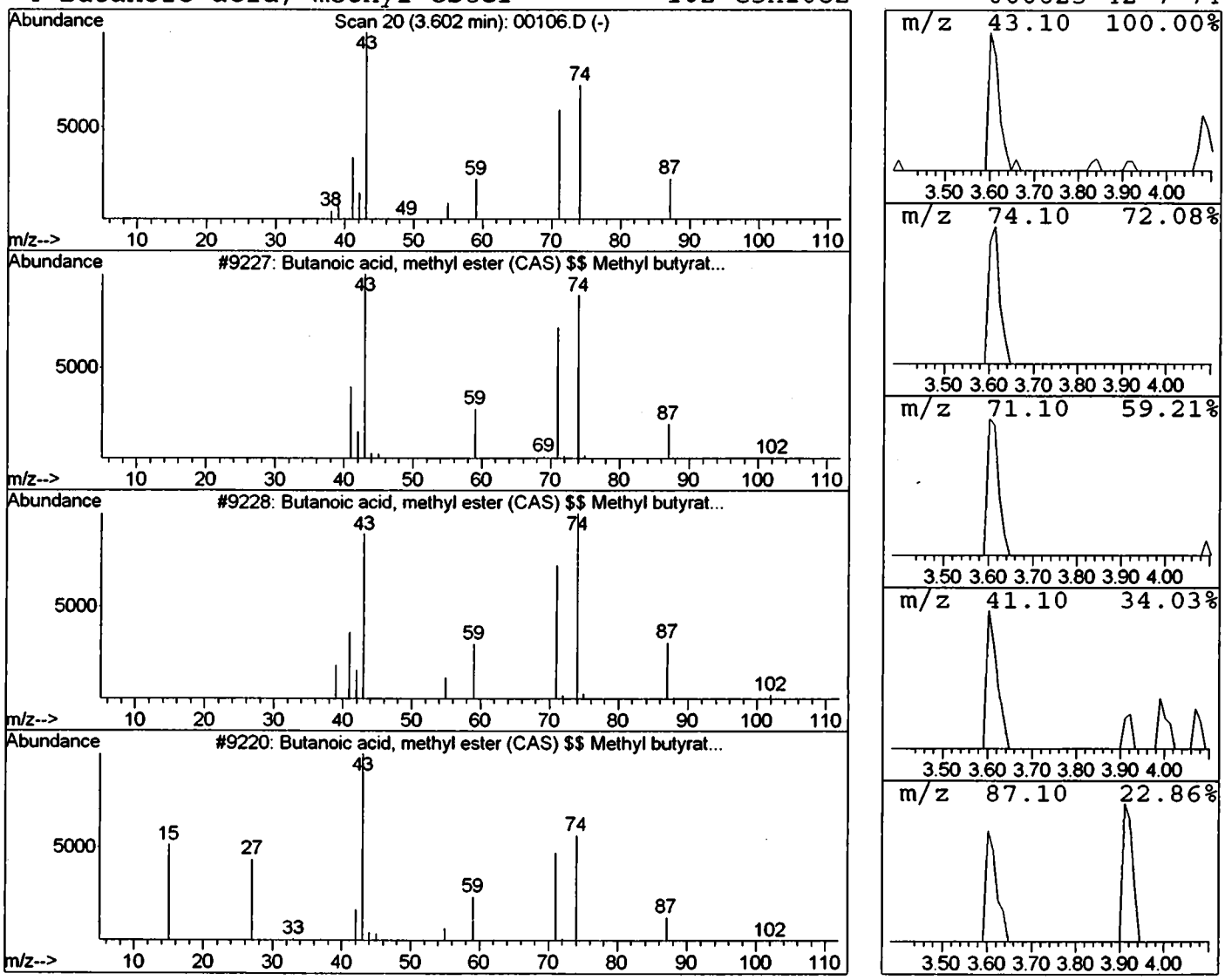
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

****

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	0.11 ug/L	50856	1,4-Dichlorobenzene-d4	9.71

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	78
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	78
4	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	74



Data File : C:\MSDCHEM\1\5973N\02JAN25\00106.D Vial: 5
Acq On : 25 Jan 2002 1:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

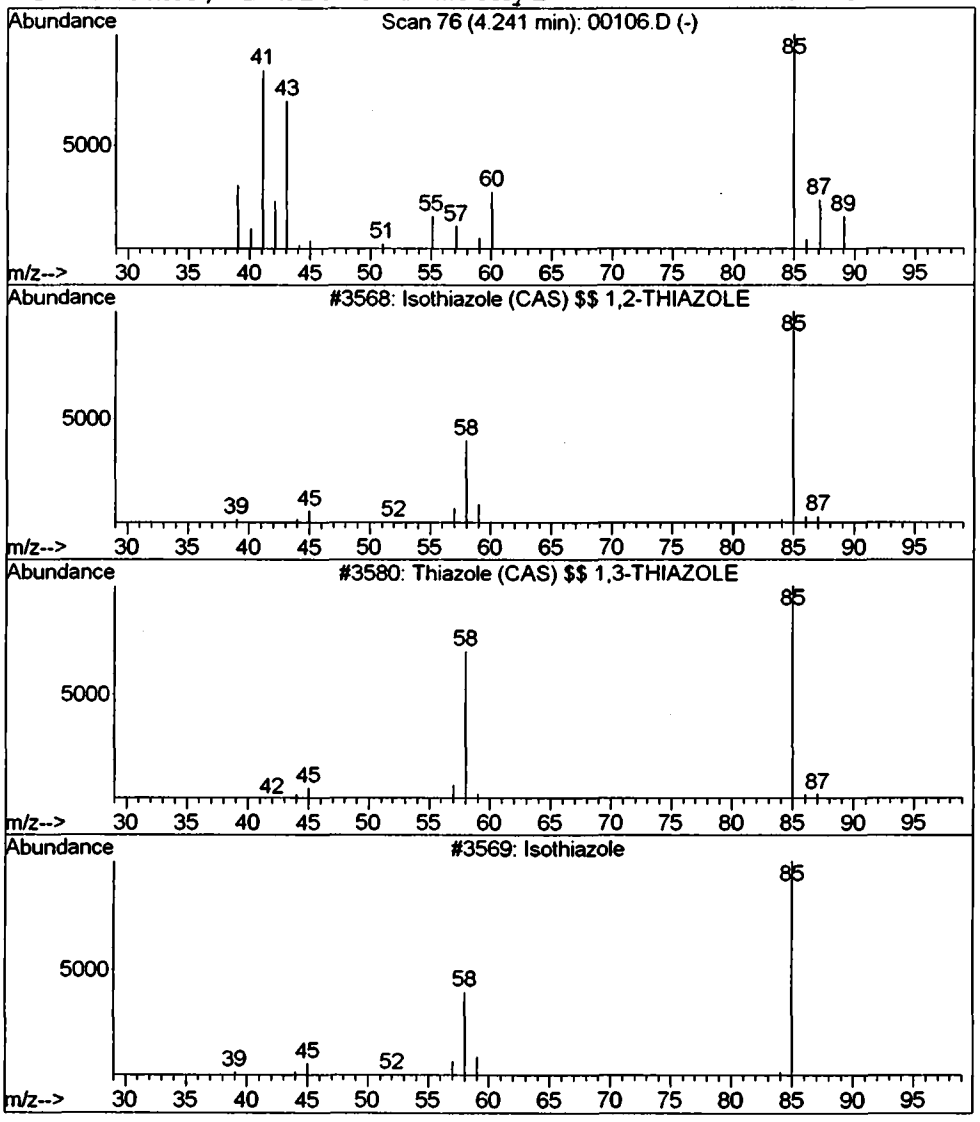
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

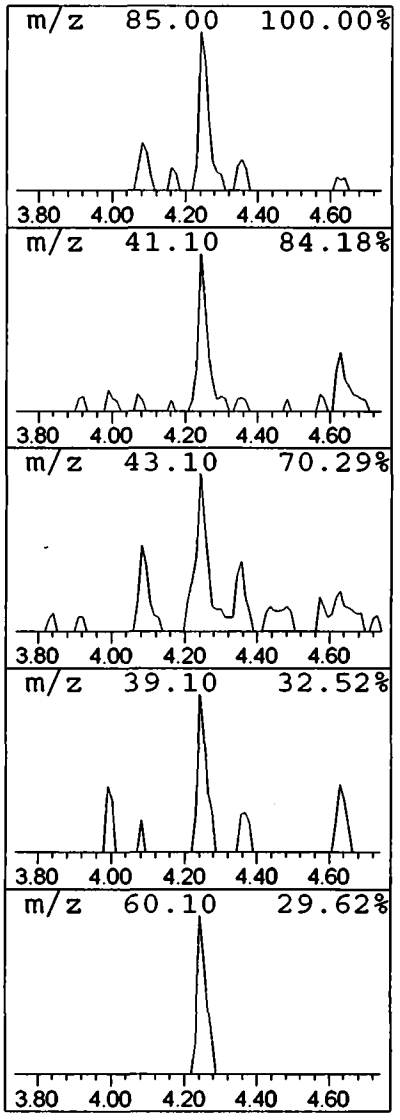
****

Peak Number 2 Isothiazole (CAS) $$ 1,2-TH... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	0.20 ug/L	87635	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazole (CAS) $$ 1,2-THIAZOLE	85	C3H3NS	000288-16-4	43
2	Thiazole (CAS) $$ 1,3-THIAZOLE	85	C3H3NS	000288-47-1	38
3	Isothiazole	85	C3H3NS	000288-16-4	38
4	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	36





Data File : C:\MSDCHEM\1\5973N\02JAN25\00106.D Vial: 5
Acq On : 25 Jan 2002 1:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

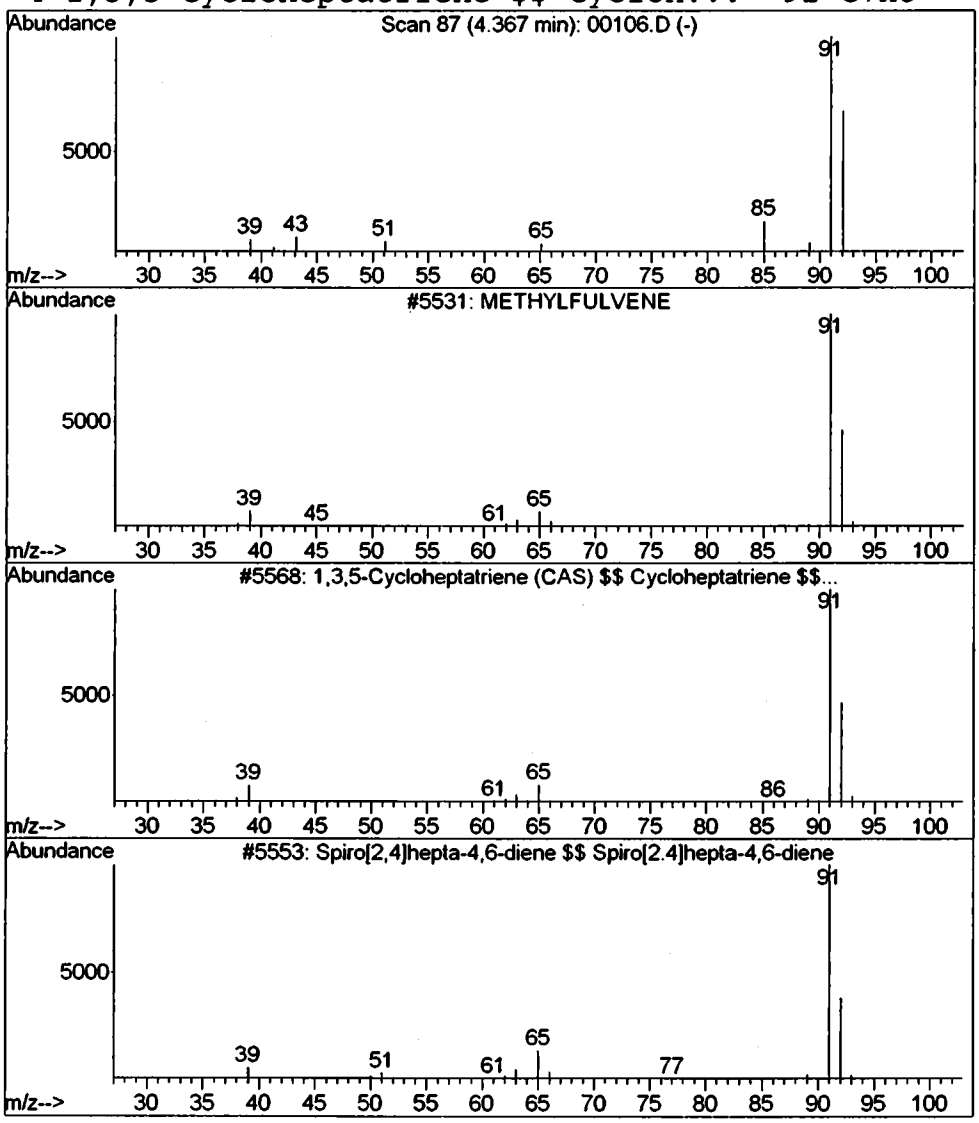
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

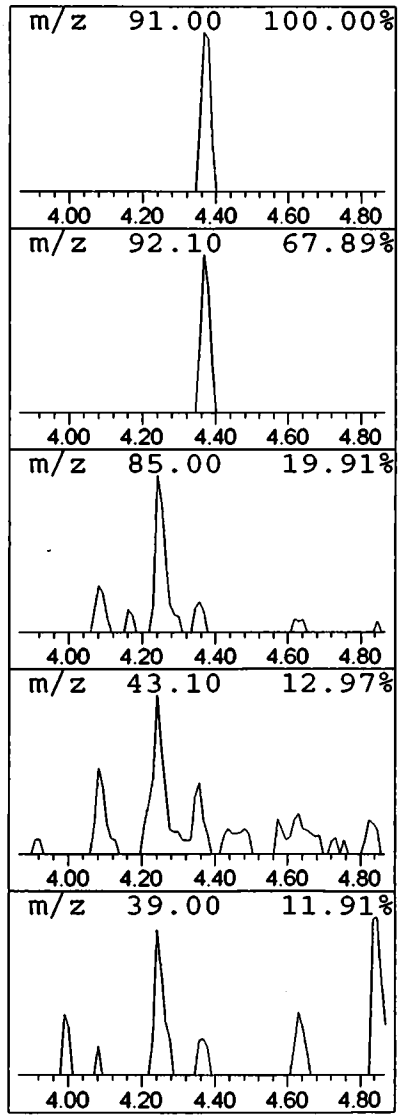
****

Peak Number 3 METHYLFULVENE Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	0.08 ug/L	36636	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	METHYLFULVENE	92	C7H8	000000-00-0	9
2	1,3,5-Cycloheptatriene (CAS) $$ ...	92	C7H8	000544-25-2	9
3	Spiro[2,4]hepta-4,6-diene $$ Spi...	92	C7H8	000765-46-8	7
4	1,3,5-Cycloheptatriene $$ Cycloh...	92	C7H8	000544-25-2	7





Data File : C:\MSDCHEM\1\5973N\02JAN25\00106.D Vial: 5
Acq On : 25 Jan 2002 1:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

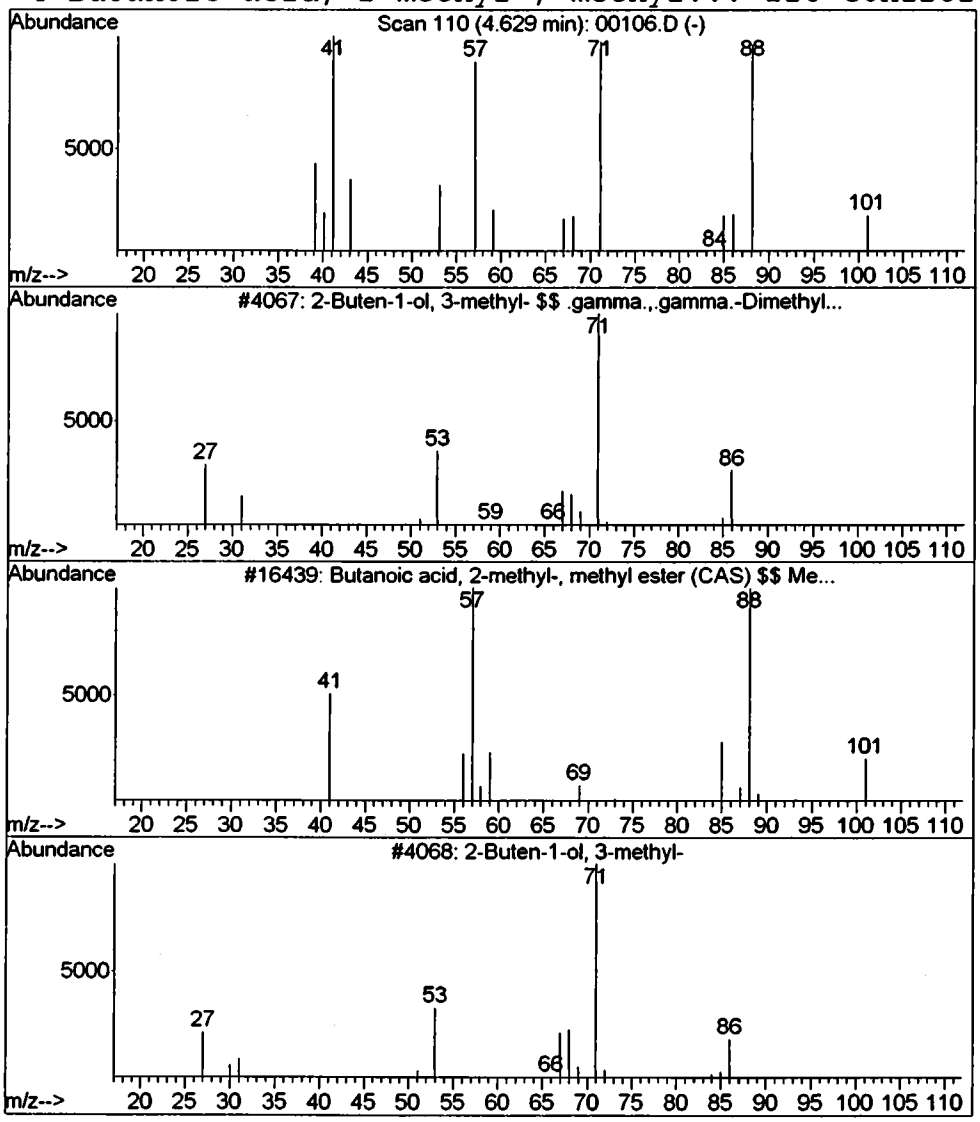
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

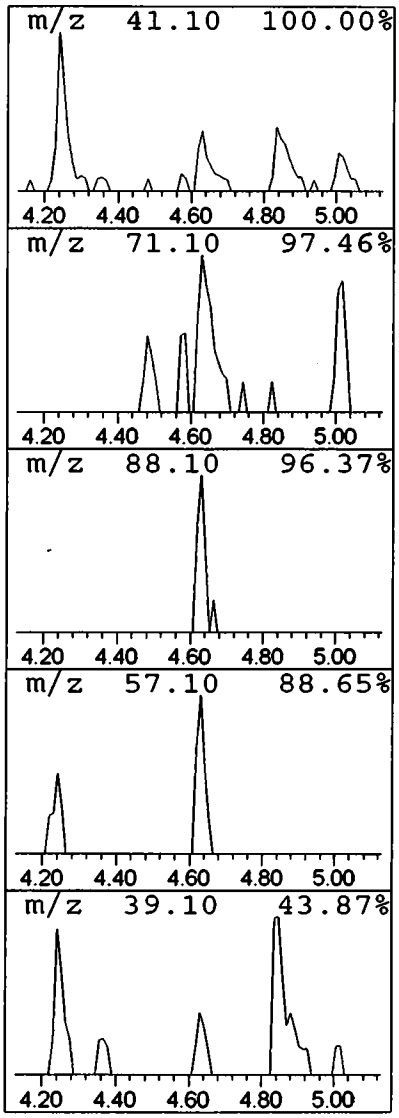
****

Peak Number 4 2-Buten-1-ol, 3-methyl- $$ ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	0.10 ug/L	43655	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl- $$ .gamm...	86	C5H10O	000556-82-1	38
2	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	38
3	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	38
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	38





Data File : C:\MSDCHEM\1\5973N\02JAN25\00106.D Vial: 5
Acq On : 25 Jan 2002 1:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

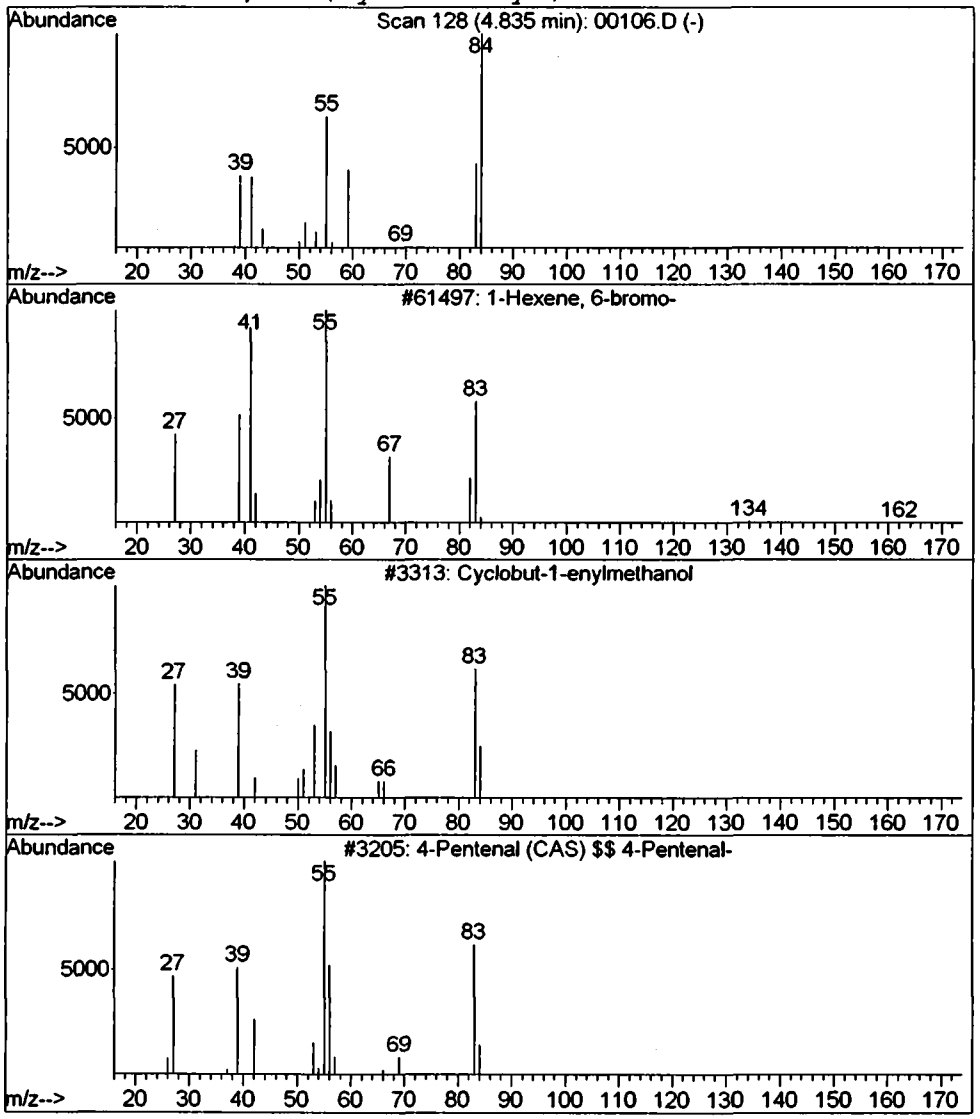
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

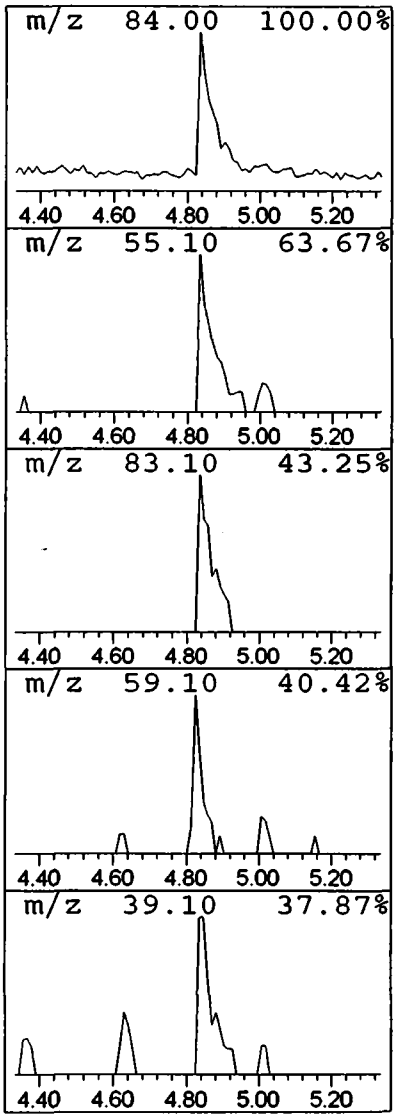
****

Peak Number 5 1-Hexene, 6-bromo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	0.20 ug/L	88598	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	12
2	Cyclobut-1-enylmethanol	84	C5H8O	000000-00-0	10
3	4-Pentenal (CAS) $$ 4-Pentenal-	84	C5H8O	002100-17-6	10
4	Formamide, N-(cyanomethyl)-	84	C3H4N2O	005018-27-9	9





Data File : C:\MSDCHEM\1\5973N\02JAN25\00106.D Vial: 5
Acq On : 25 Jan 2002 1:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

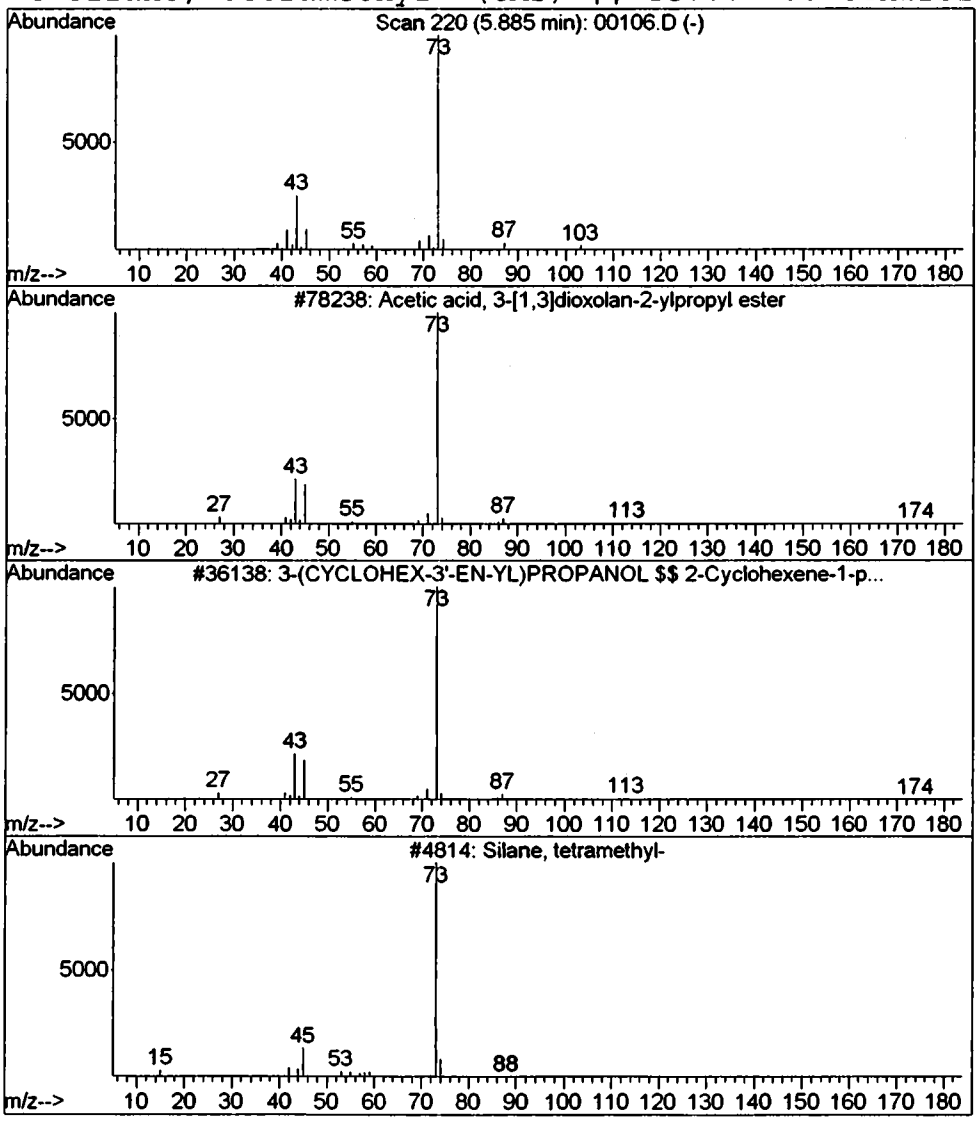
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

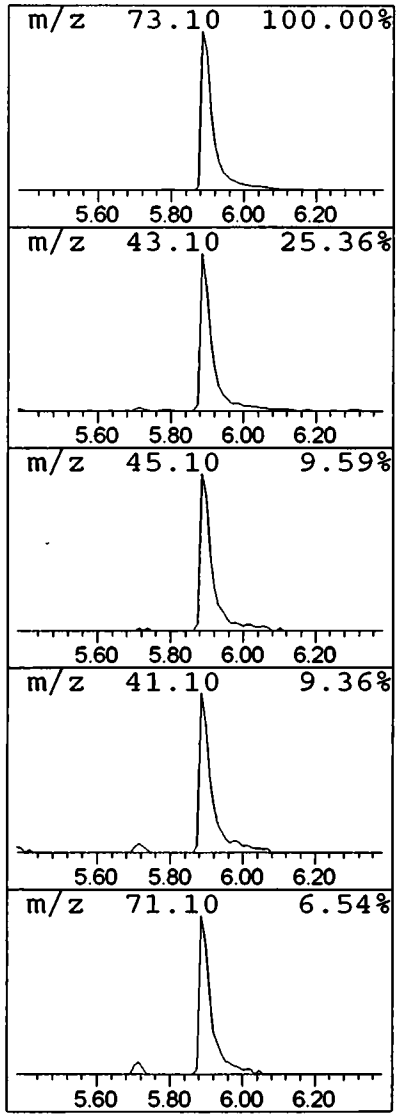
****

Peak Number 6 Acetic acid, 3-[1,3]dioxola... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	3.34 ug/L	1489130	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	Silane, tetramethyl- (CAS) $$ Te...	88	C4H12Si	000075-76-3	9





Data File : C:\MSDCHEM\1\5973N\02JAN25\00106.D Vial: 5
Acq On : 25 Jan 2002 1:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

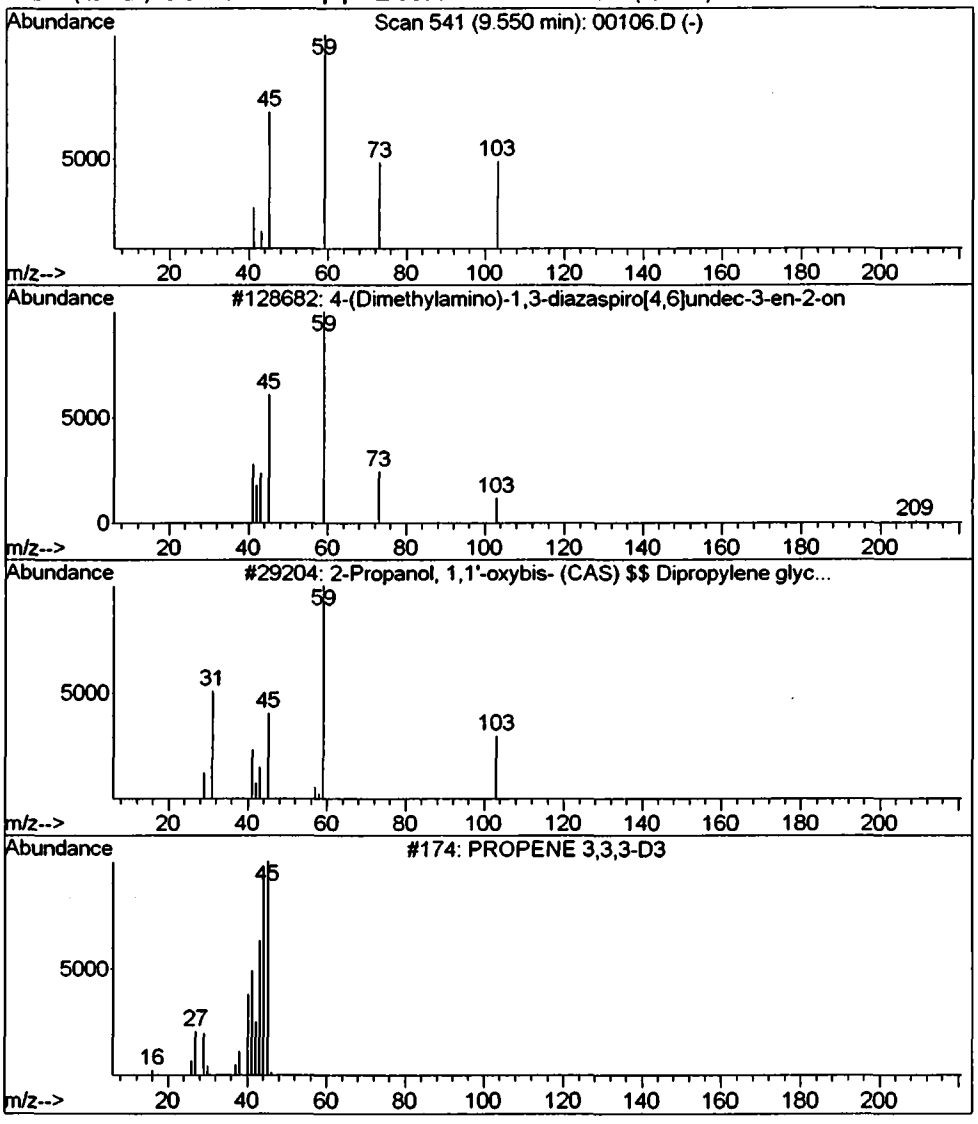
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

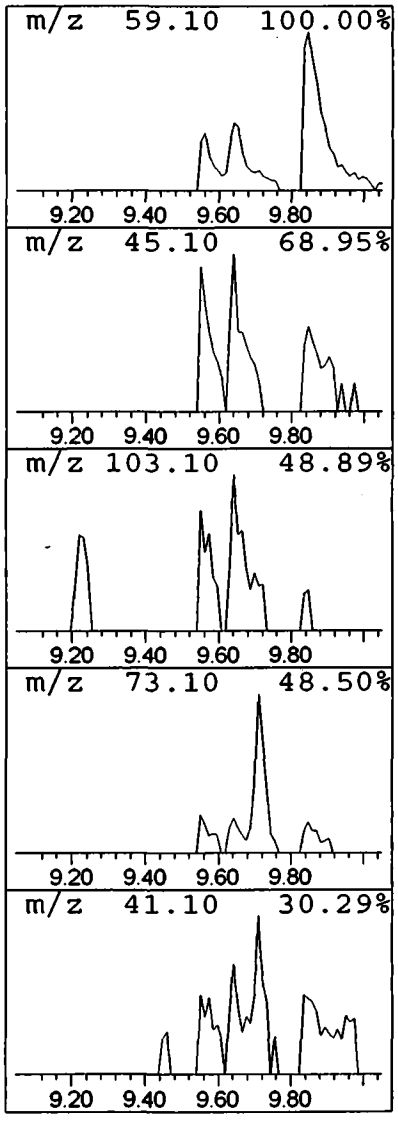
****

Peak Number 7 4-(Dimethylamino)-1,3-diaza... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	0.07 ug/L	32446	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Dimethylamino)-1,3-diazaspiro...	209	C11H19N3O	000000-00-0	74
2	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	9
3	PROPENE 3,3,3-D3	45	C3H3D3	001517-51-7	7
4	(1-D)ethenol $$ Ethen-1-d-ol (CAS)	45	C2H3DO	090134-16-0	5





Data File : C:\MSDCHEM\1\5973N\02JAN25\00106.D Vial: 5
Acq On : 25 Jan 2002 1:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

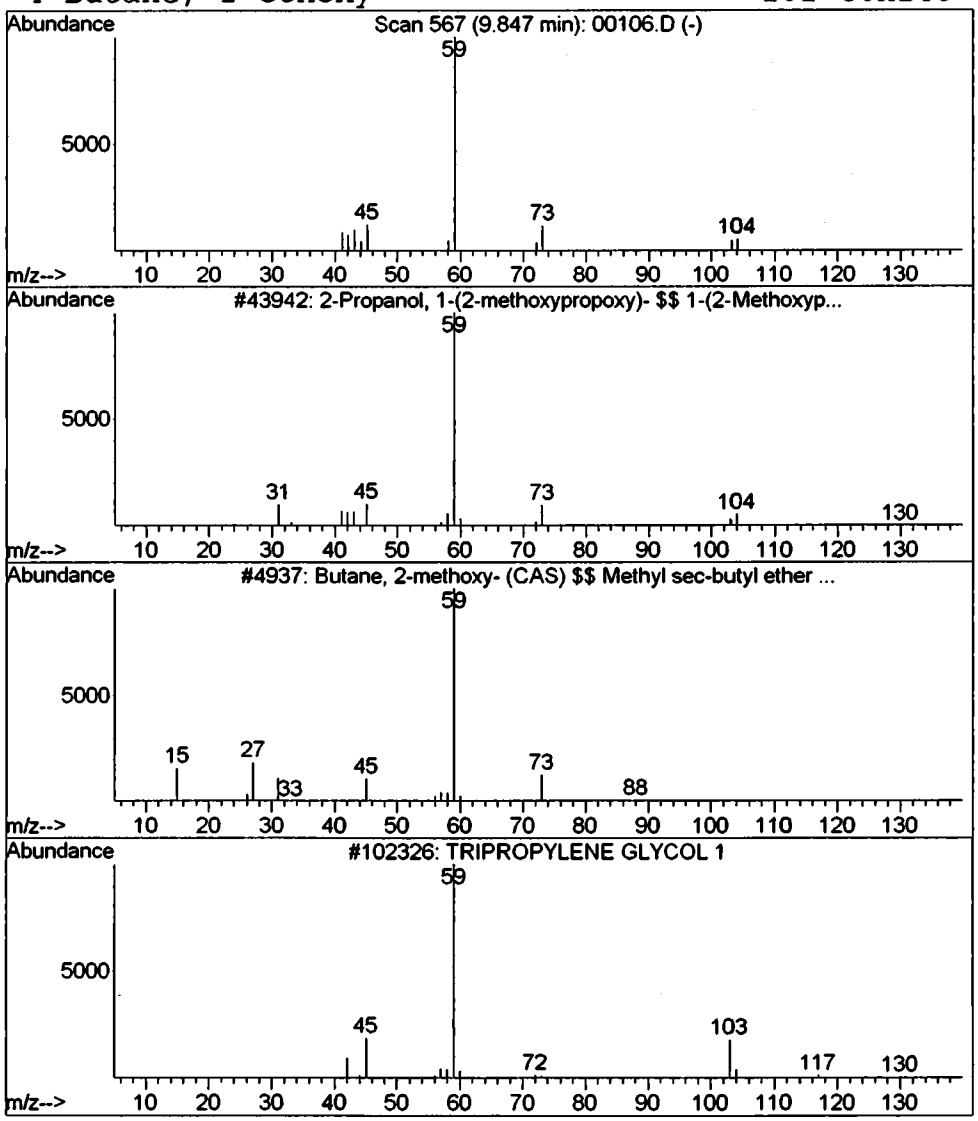
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

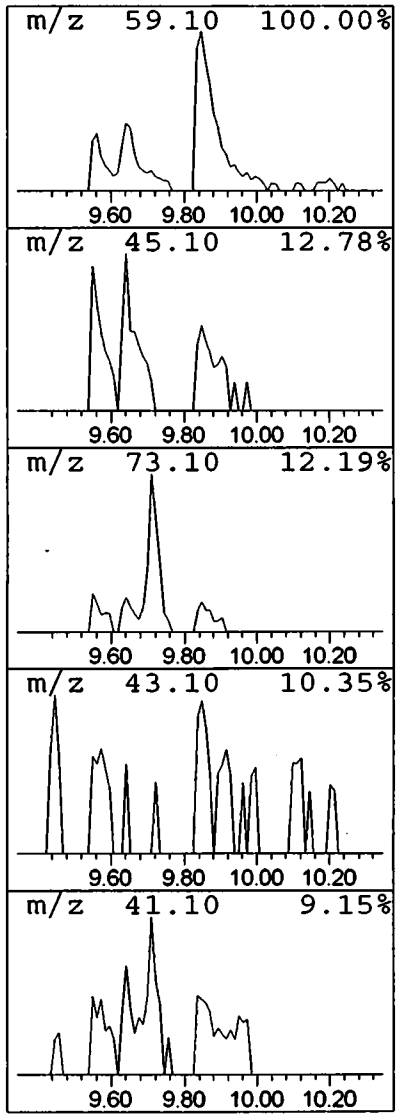
****

Peak Number 8 2-Propanol, 1-(2-methoxypro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.11 ug/L	50822	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	Butane, 2-methoxy- (CAS) $$ Meth...	88	C5H12O	006795-87-5	9
3	TRIPROPYLENE GLYCOL 1	192	C9H20O4	000000-00-0	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data File : C:\MSDCHEM\1\5973N\02JAN25\00106.D Vial: 5
Acq On : 25 Jan 2002 1:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

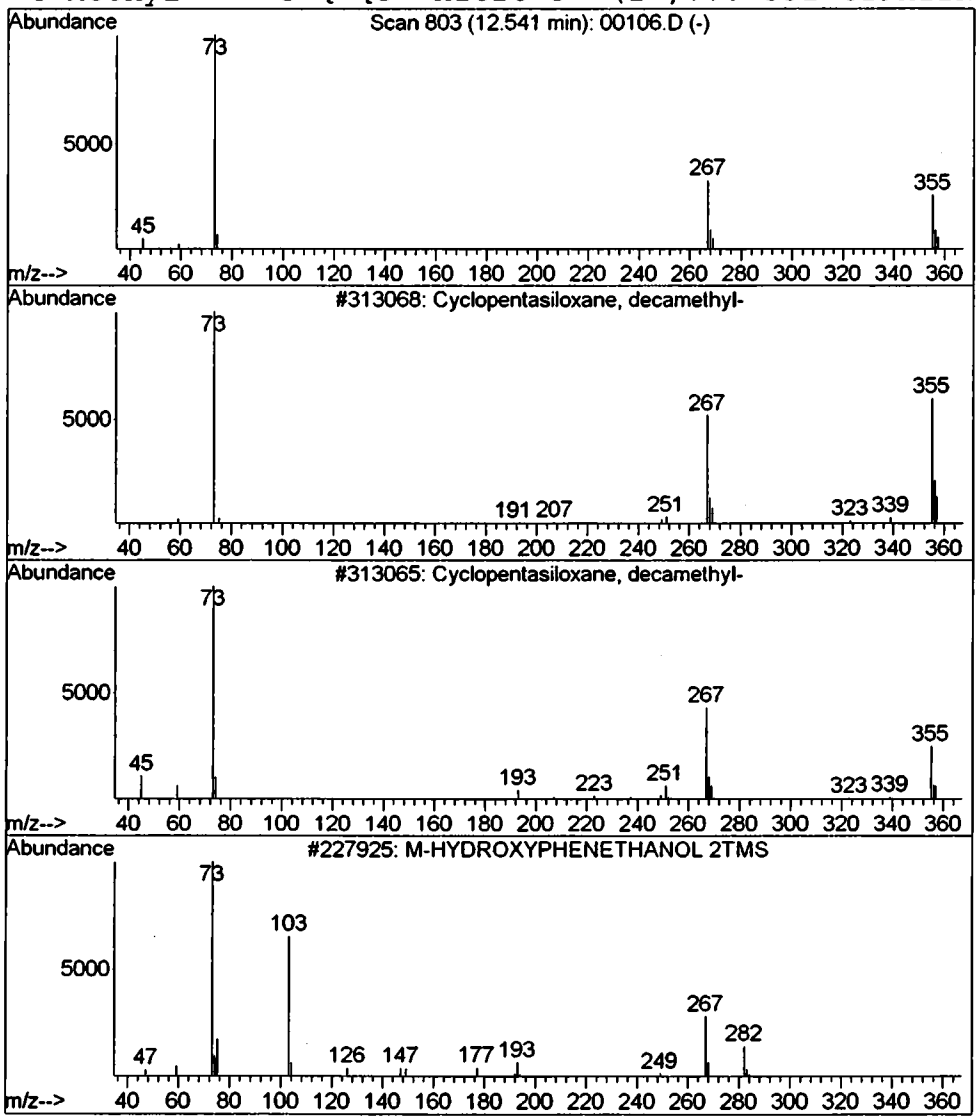
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

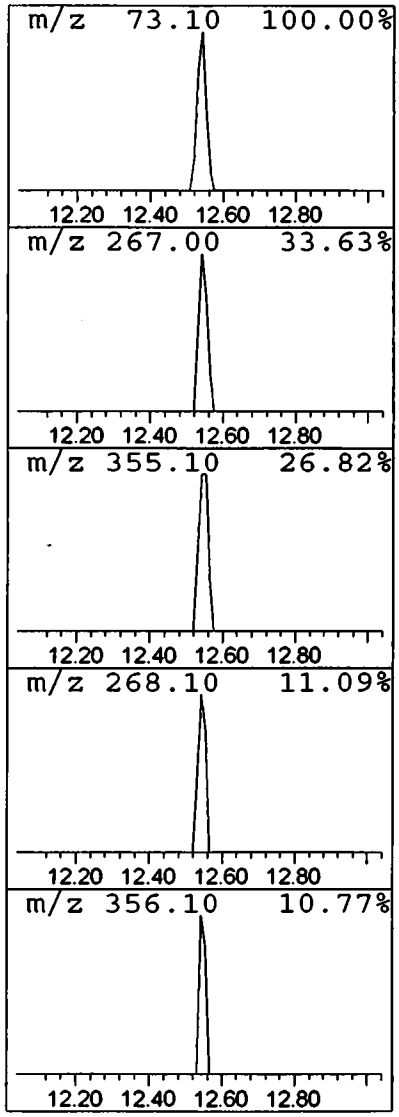
****

Peak Number 9 Cyclopentasiloxane, decamet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.07 ug/L	44730	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
3	M-HYDROXYPHENETHANOL 2TMS	282	C14H26O2Si2	000000-00-0	25
4	Methyl 5-[[5'-nitro-3'-(1",...	532	C19H12N6O9S2	000000-00-0	9





Data File : C:\MSDCHEM\1\5973N\02JAN25\00106.D Vial: 5
Acq On : 25 Jan 2002 1:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 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

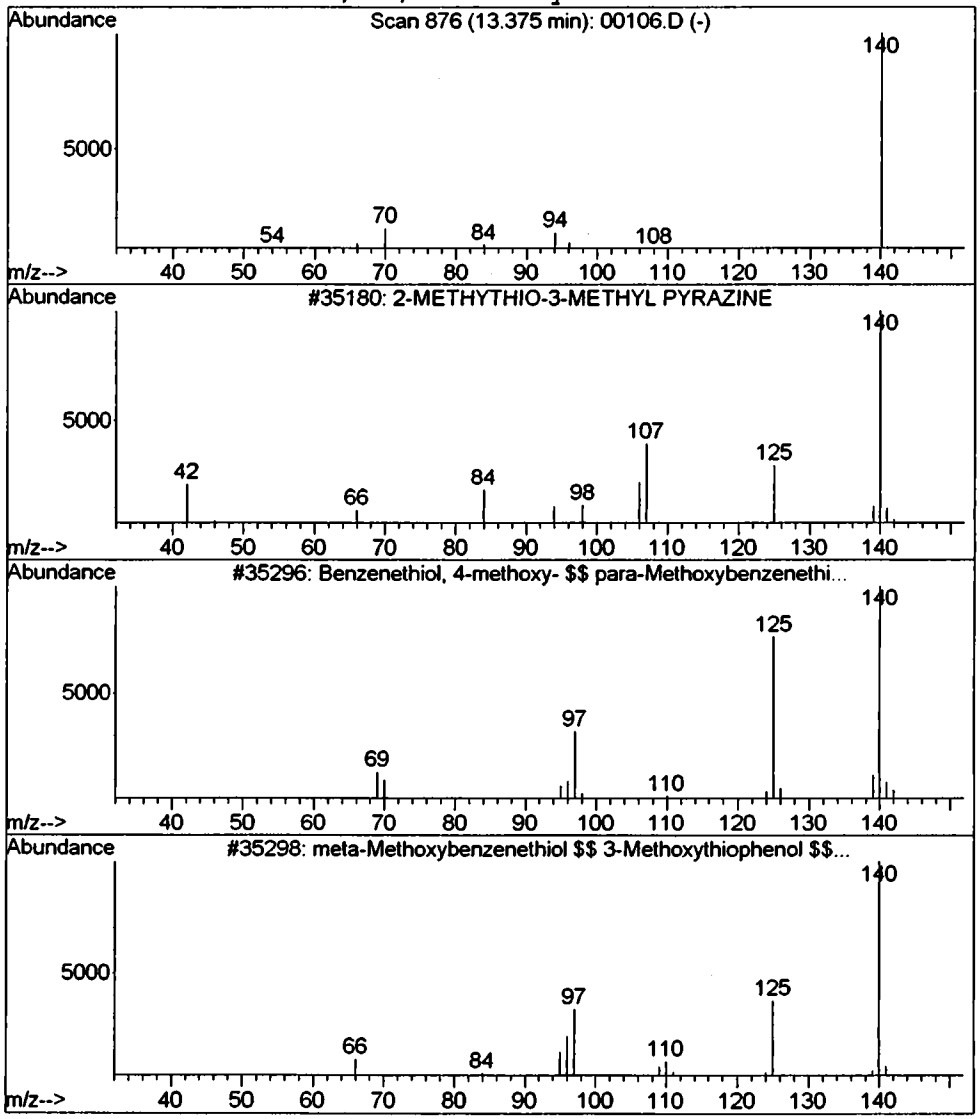
****

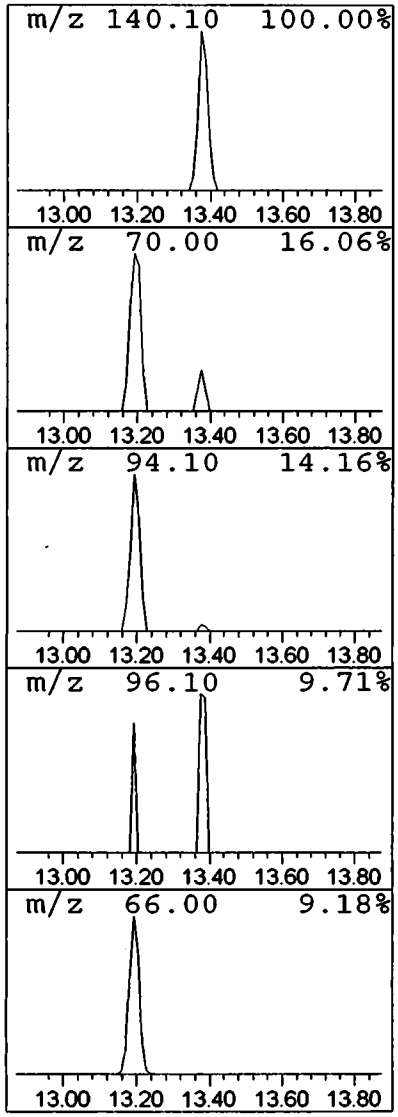
Peak Number 10 2-METHYTHIO-3-METHYL PYRAZINE Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	0.05 ug/L	31979	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-METHYTHIO-3-METHYL PYRAZINE	140	C6H8N2S	002882-20-4	78
2	Benzenethiol, 4-methoxy- $$ para...	140	C7H8OS	000696-63-9	64
3	meta-Methoxybenzenethiol $$ 3-Me...	140	C7H8OS	015570-12-4	64
4	1-Oxetan-2-one, 4,4-diethyl-3-me...	140	C8H12O2	000000-00-0	56

NO GOOD MATCH





Data File : C:\MSDCHEM\1\5973N\02JAN25\00106.D Vial: 5
Acq On : 25 Jan 2002 1:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

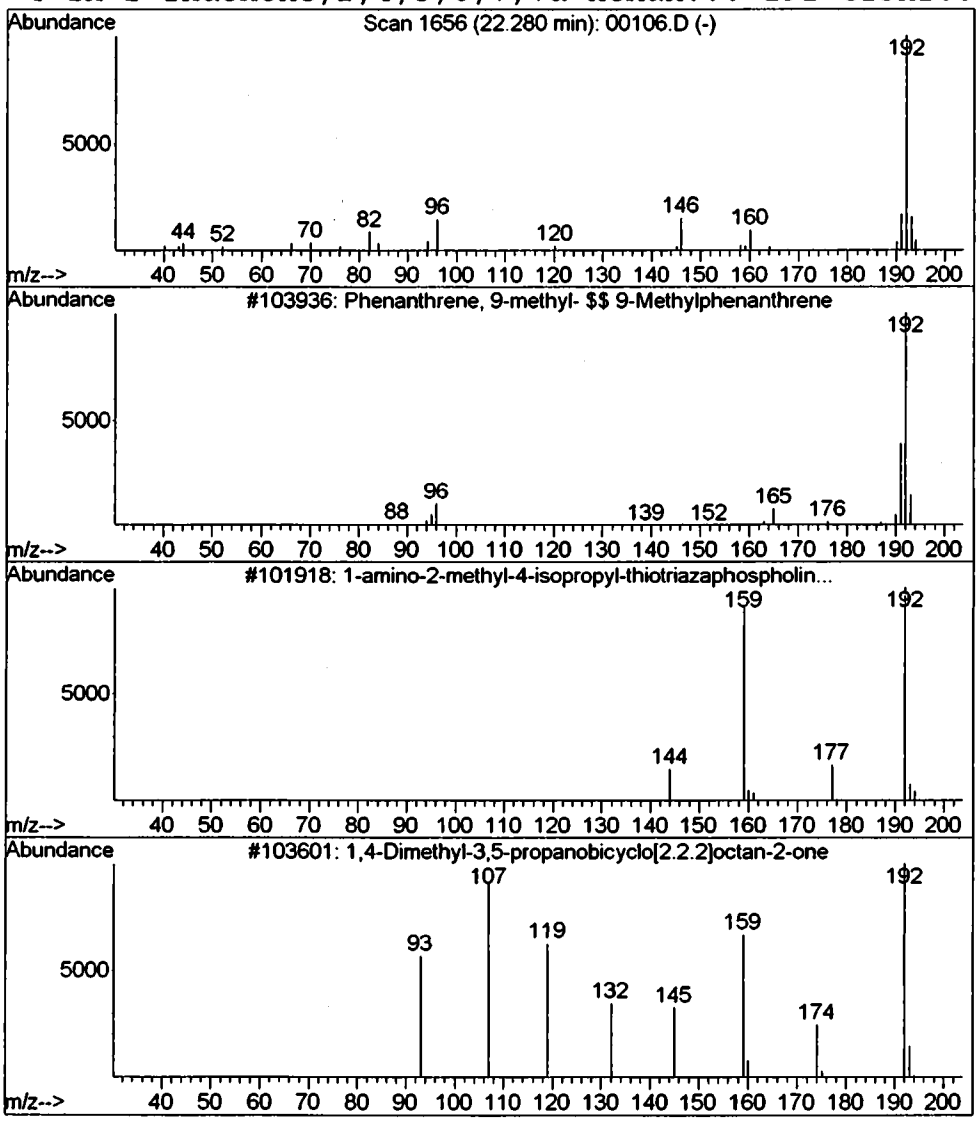
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

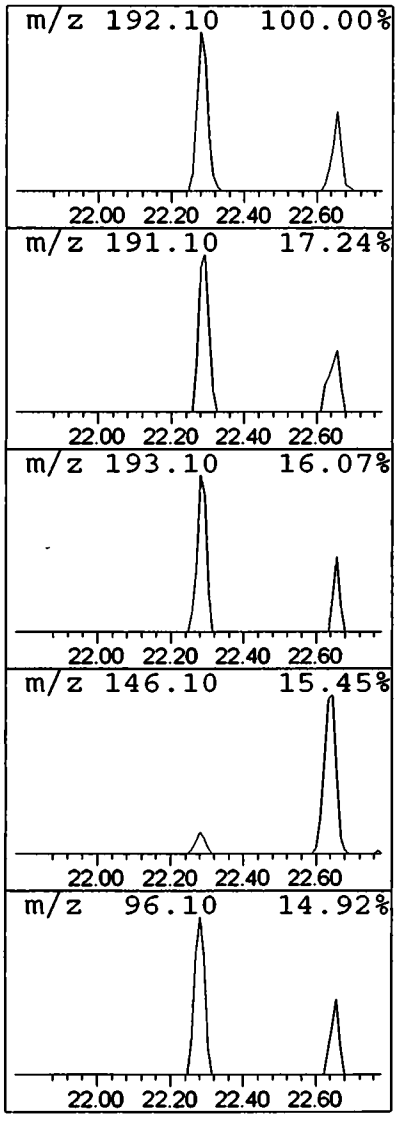
****

Peak Number 11 Phenanthrene, 9-methyl- $$ ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.16 ug/L	114694	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	53
2	1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50
3	1,4-Dimethyl-3,5-propanobicyclo[...	192	C13H20O	000000-00-0	47
4	1H-2-Indenone,2,4,5,6,7,7a-hexah...	192	C13H20O	000000-00-0	42





Data File : C:\MSDCHEM\1\5973N\02JAN25\00106.D Vial: 5
Acq On : 25 Jan 2002 1:28 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

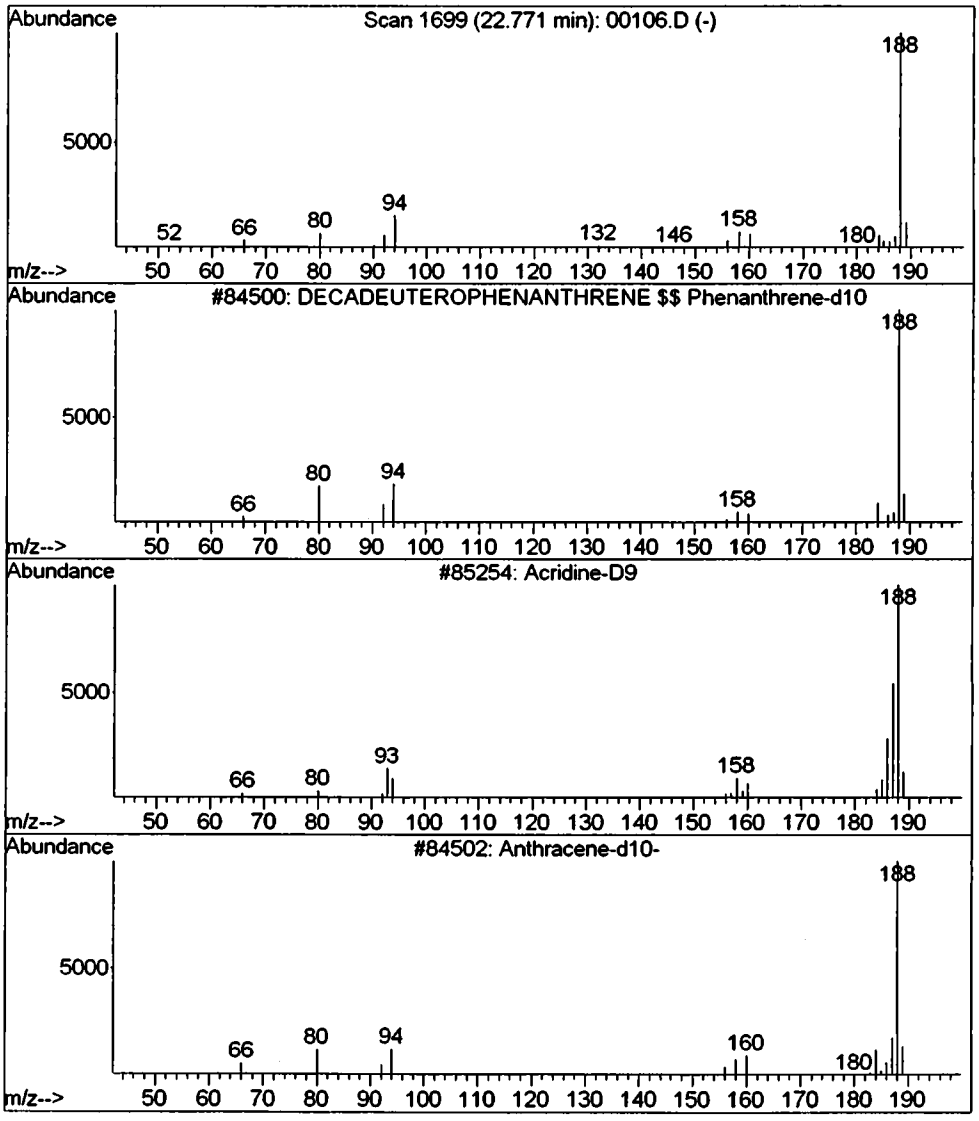
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

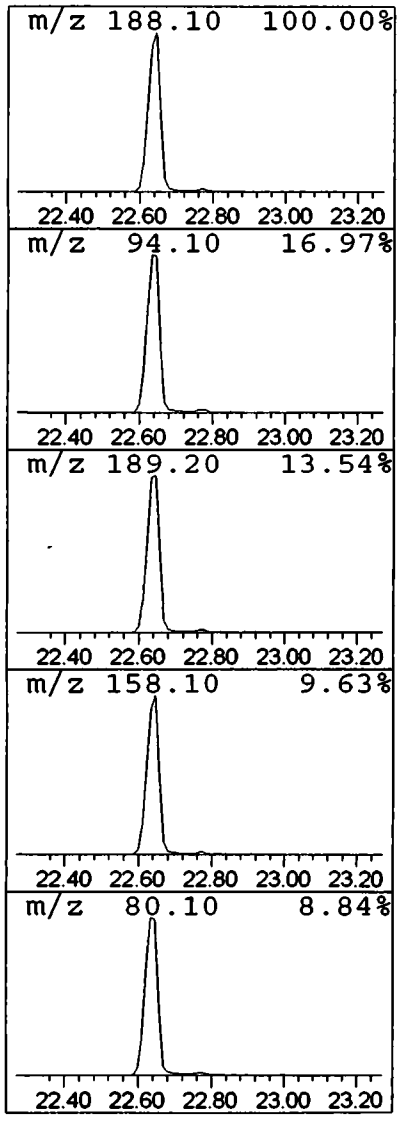
****

Peak Number 12 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.31 ug/L	223435	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	91
2	Acridine-D9	188	C13D9N	000000-00-0	87
3	Anthracene-d10-	188	C14D10	001719-06-8	87
4	Anthracene-D10	188	C14D10	000000-00-0	87





Operator ID: Date Acquired: 25 Jan 2002 1:28 pm
Data File: C:\MSDCHEM\1\5973N\02JAN25\00106.D
Name: 508 scan
Misc: January 25, 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
Butanoic acid, me...	3.60	0.1	ug/L	50856	1	9.71	8915760	20.0
Isothiazole (CAS)...	4.24	0.2	ug/L	87635	1	9.71	8915760	20.0
METHYLFULVENE	4.37	0.1	ug/L	36636	1	9.71	8915760	20.0
2-Buten-1-ol, 3-m...	4.63	0.1	ug/L	43655	1	9.71	8915760	20.0
1-Hexene, 6-bromo-	4.83	0.2	ug/L	88598	1	9.71	8915760	20.0
Acetic acid, 3-[1...	5.89	3.3	ug/L	1489130	1	9.71	8915760	20.0
4-(Dimethylamino)...	9.55	0.1	ug/L	32446	1	9.71	8915760	20.0
2-Propanol, 1-(2-...	9.85	0.1	ug/L	50822	1	9.71	8915760	20.0
Cyclopentasiloxan...	12.54	0.1	ug/L	44730	2	13.19	12579300	20.0
2-METHYTHIO-3-MET...	13.37	0.1	ug/L	31979	2	13.19	12579300	20.0
Phenanthrene, 9-m...	22.28	0.2	ug/L	114694	4	22.65	14581200	20.0
DECADEUTEROPHENAN...	22.77	0.3	ug/L	223435	4	22.65	14581200	20.0