User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 09:39:21

Sample: AE00247
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 09:39 Ended: 1/28/02 09:39 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		5.0

Comments for Sample AE00247 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 09:39:30

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\02JAN24\00247.D Vial: 3
Acq On : 24 Jan 2002 4:38 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 25 10:22:06 2002 Quant Results File: SCAN508.RES

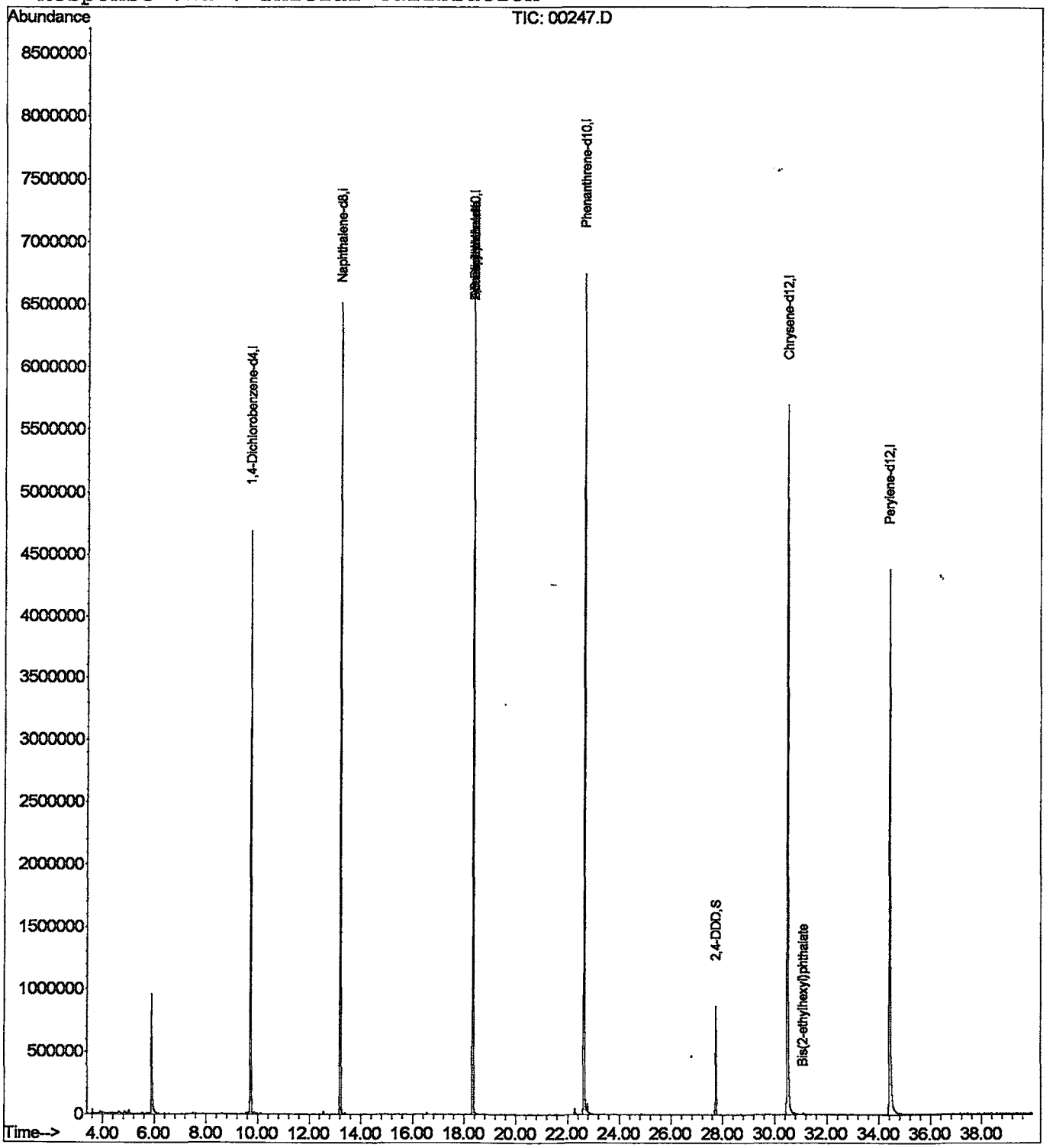
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1644191	20.00	ug/L	0.00
10) Naphthalene-d8	13.20	136	6925841	20.00	ug/L	-0.01
17) Acenaphthene-d10	18.34	164	3499860	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	5562797	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	4811523	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3551847	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	307010	3.49	ug/L	0.00
Spiked Amount 5.000			Recovery = 69.80%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	554540	2.40	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	441952	9.80	ug/L #	17
42) Bis(2-ethylhexyl)phthalate	31.11	149	20410	0.63	ug/L	98

(#) = qualifier out of range (m) = manual integration
00247.D SCAN508.M Fri Jan 25 10:22:07 2002 Page 1

Data File : C:\MSDCHEM\1\5973N\02JAN24\00247.D Vial: 3
Acq On : 24 Jan 2002 4:38 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 25 10:22 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\02JAN24\00247.D Vial: 3
Acq On : 24 Jan 2002 4:38 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 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

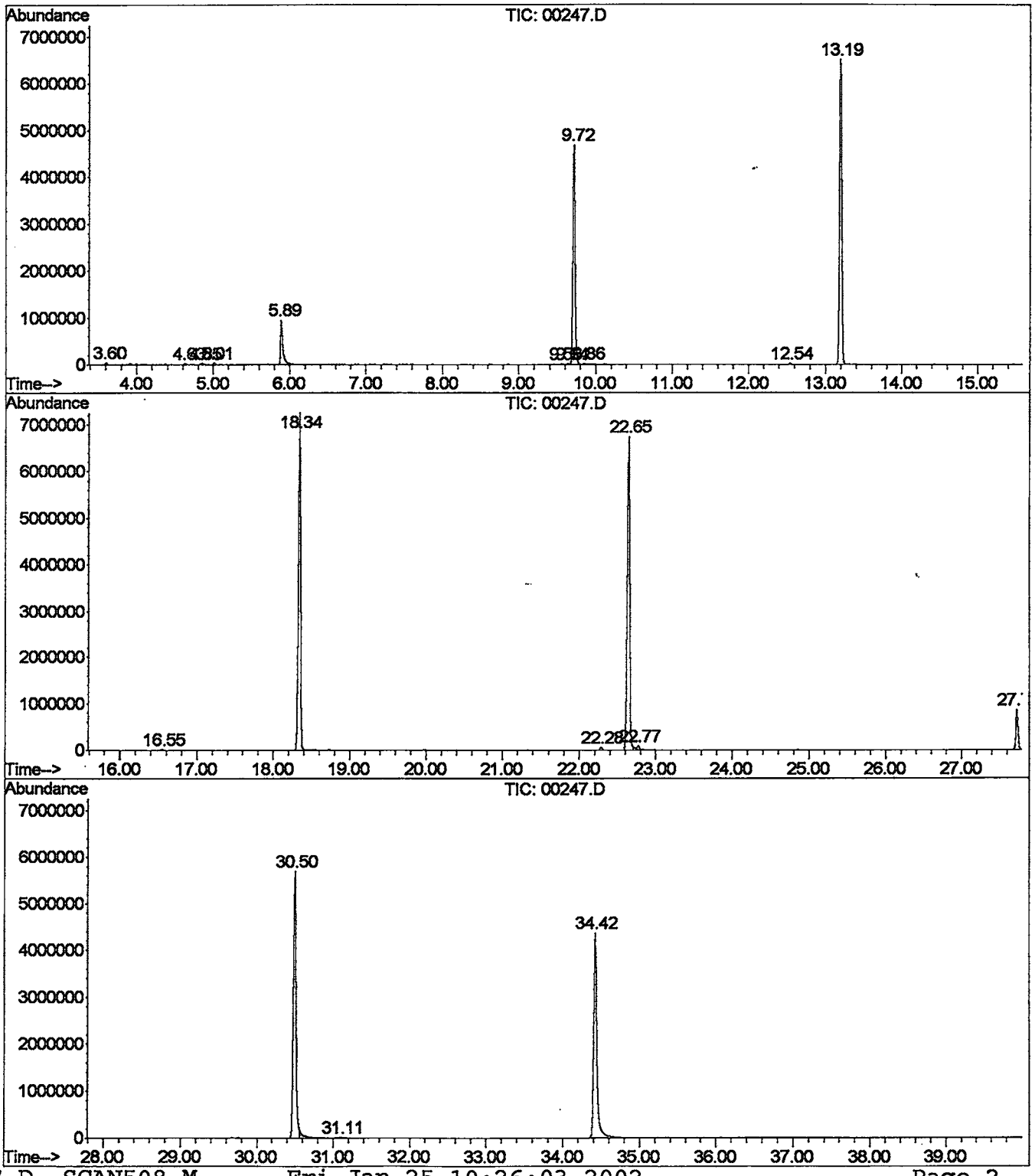
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.602	19	20	25	rBV	36816	60811	0.41%	0.074%
2	4.629	101	110	113	rBV4	21162	45866	0.31%	0.056%
3	4.846	123	129	141	rBV2	24119	79107	0.53%	0.097%
4	5.006	141	143	151	rVB	31311	62717	0.42%	0.077%
5	5.885	217	220	239	rBV	954384	1969804	13.25%	2.403%
6	9.562	539	542	547	rVV	15391	37524	0.25%	0.046%
7	9.641	547	549	551	rVV	16845	32186	0.22%	0.039%
8	9.721	551	556	561	rVV	4687503	9388660	63.15%	11.454%
9	9.858	561	568	577	rVV	20307	80622	0.54%	0.098%
10	12.541	799	803	807	rVB	24389	38254	0.26%	0.047%
11	13.192	855	860	865	rBV	6508075	13314307	89.55%	16.243%
12	16.549	1151	1154	1159	rBV	17501	32547	0.22%	0.040%
13	18.341	1305	1311	1317	rVV	7258417	14270509	95.98%	17.410%
14	22.280	1653	1656	1661	rBV	51937	104684	0.70%	0.128%
15	22.645	1681	1688	1693	rBV2	6745270	14868133	100.00%	18.139%
16	22.771	1697	1699	1709	rVB	84029	200741	1.35%	0.245%
17	27.726	2129	2133	2139	rBV	864862	1534860	10.32%	1.872%
18	30.500	2369	2376	2381	rBV	5693456	13784132	92.71%	16.816%
19	31.105	2419	2429	2437	rBV4	14846	60286	0.41%	0.074%
20	34.416	2713	2719	2747	rBV	4372070	12003635	80.73%	14.644%

Sum of corrected areas: 81969385

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN24\00247.D
Operator :
Acquired : 24 Jan 2002 4:38 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508scan
Misc Info : January 24, 2002
Vial Number: 3
Quant File :SCAN508.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\5973N\02JAN24\00247.D Vial: 3
Acq On : 24 Jan 2002 4:38 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

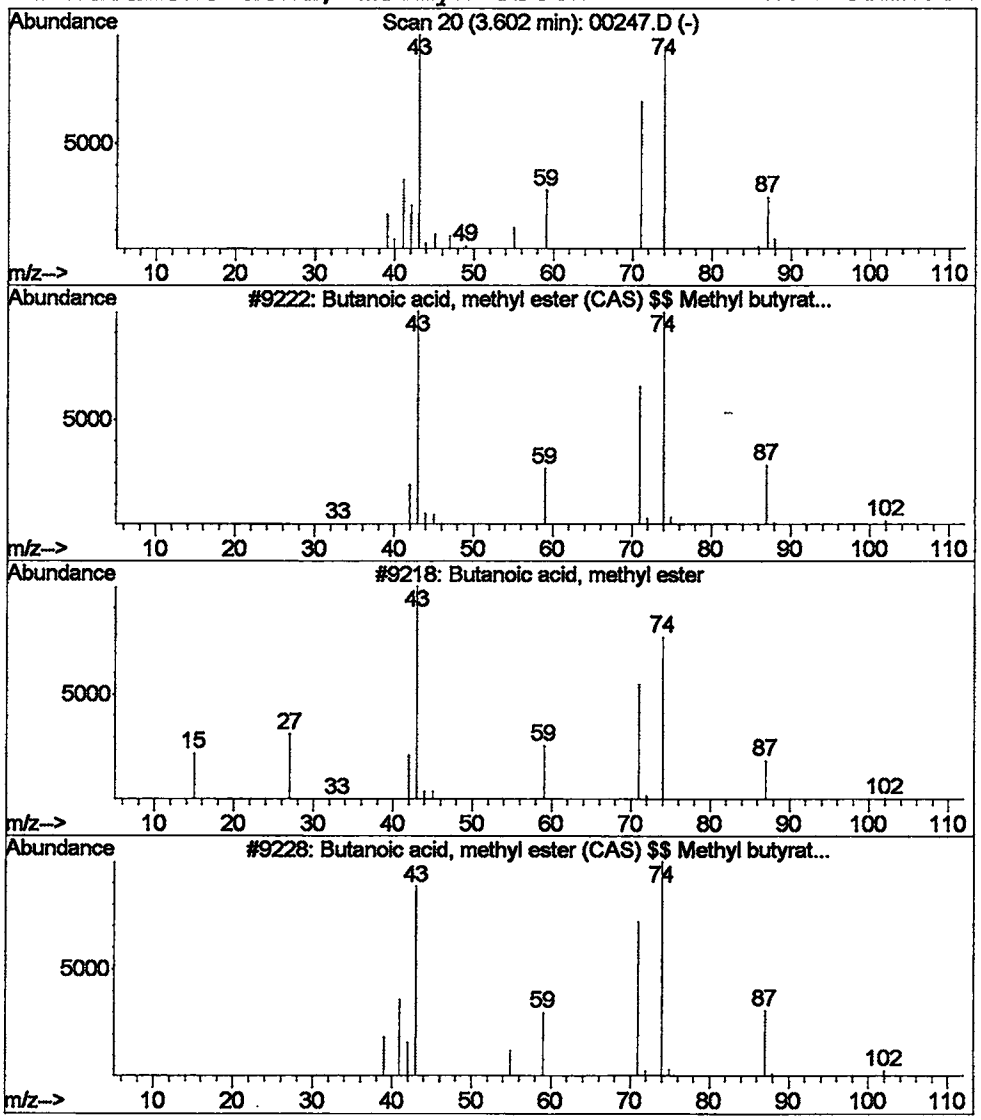
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

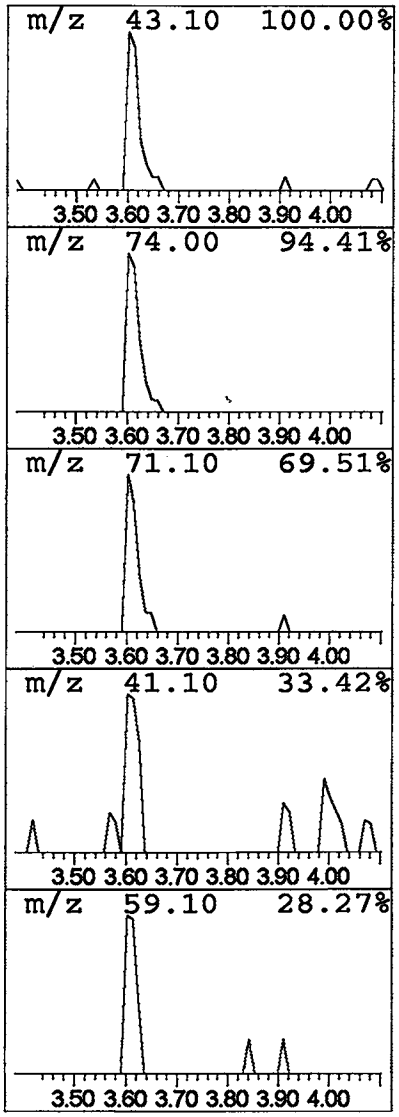
****

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	0.13 ug/L	60811	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	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	72





Data File : C:\MSDCHEM\1\5973N\02JAN24\00247.D Vial: 3
Acq On : 24 Jan 2002 4:38 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

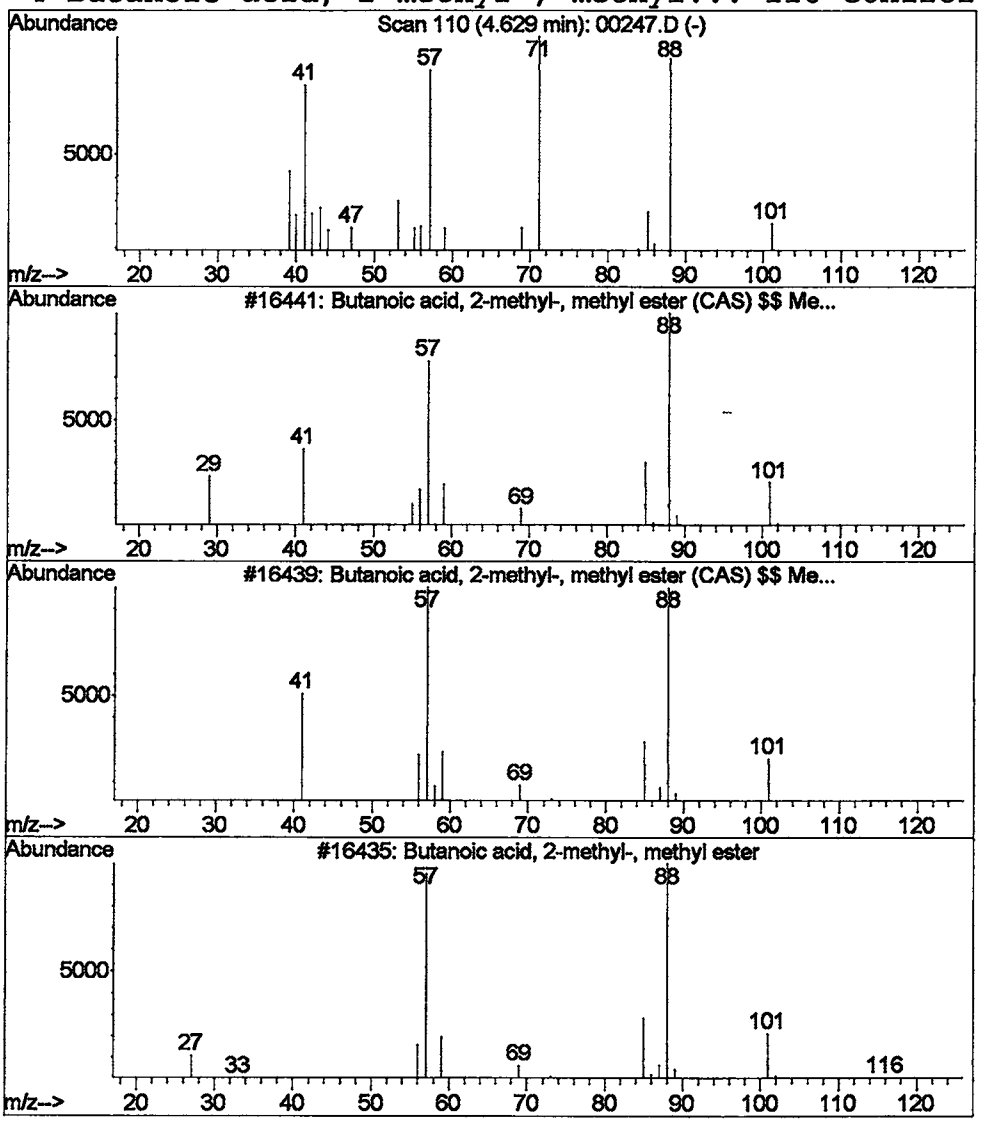
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

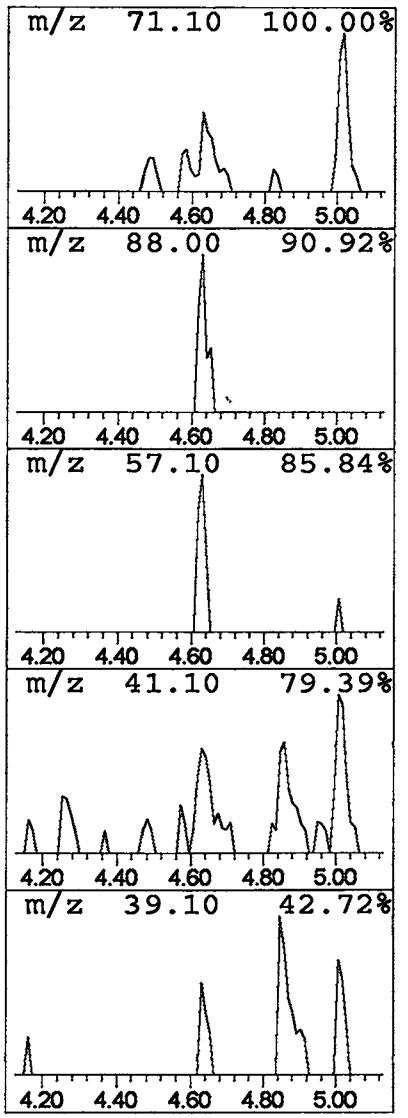
****

Peak Number 2 Butanoic acid, 2-methyl-, m... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	0.10 ug/L	45866	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	47
2	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	47
3	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	38
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	38





Data File : C:\MSDCHEM\1\5973N\02JAN24\00247.D Vial: 3
Acq On : 24 Jan 2002 4:38 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 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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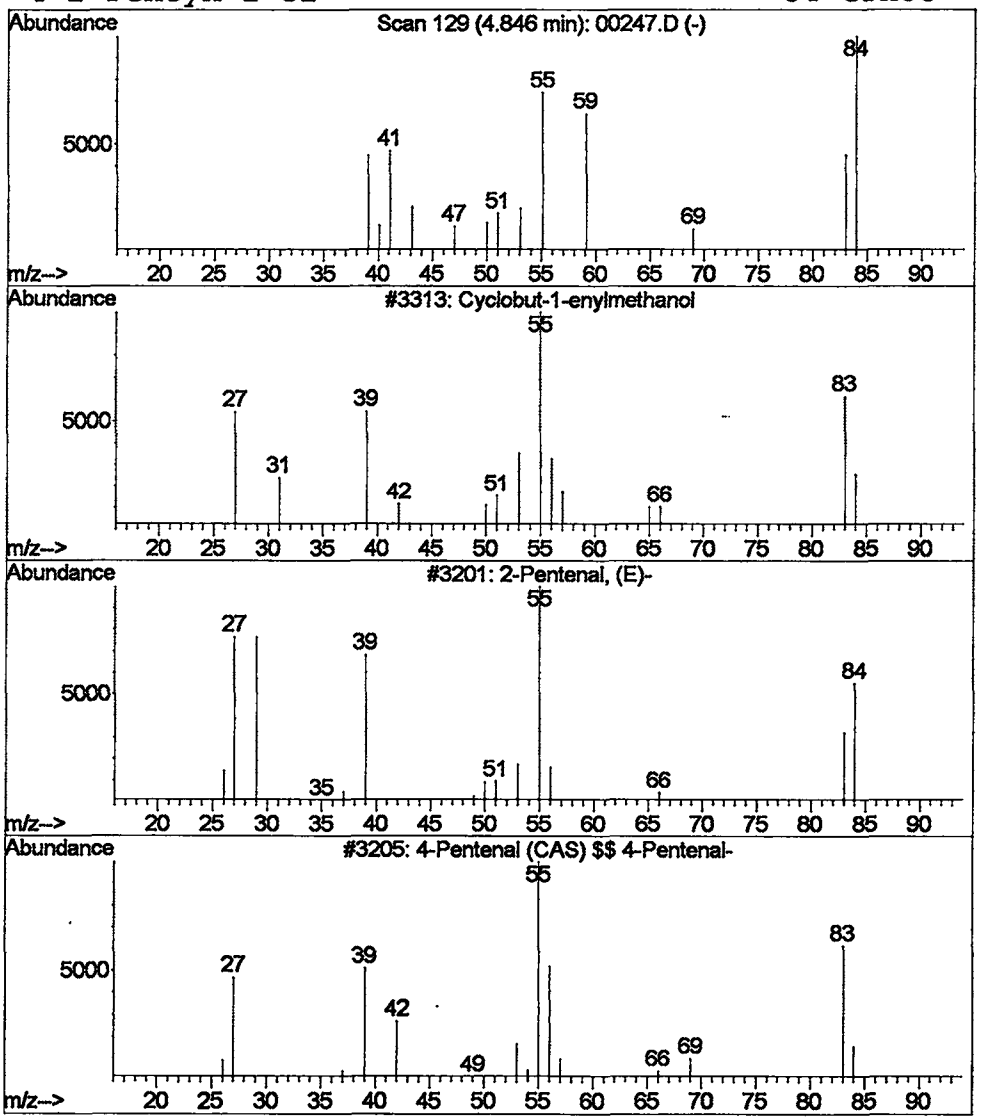
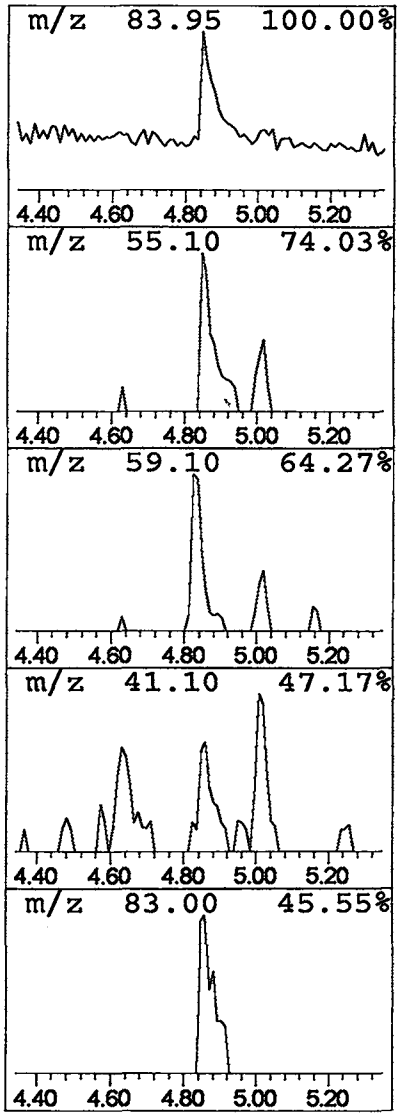
Peak Number 3 Cyclobut-1-enylmethanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	0.17 ug/L	79107	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobut-1-enylmethanol	84	C5H8O	000000-00-0	32
2	2-Pentenal, (E)-	84	C5H8O	001576-87-0	17
3	4-Pentenal (CAS) $$ 4-Pentenal-	84	C5H8O	002100-17-6	17
4	2-Pentyn-1-ol	84	C5H8O	006261-22-9	16





Data File : C:\MSDCHEM\1\5973N\02JAN24\00247.D Vial: 3
Acq On : 24 Jan 2002 4:38 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 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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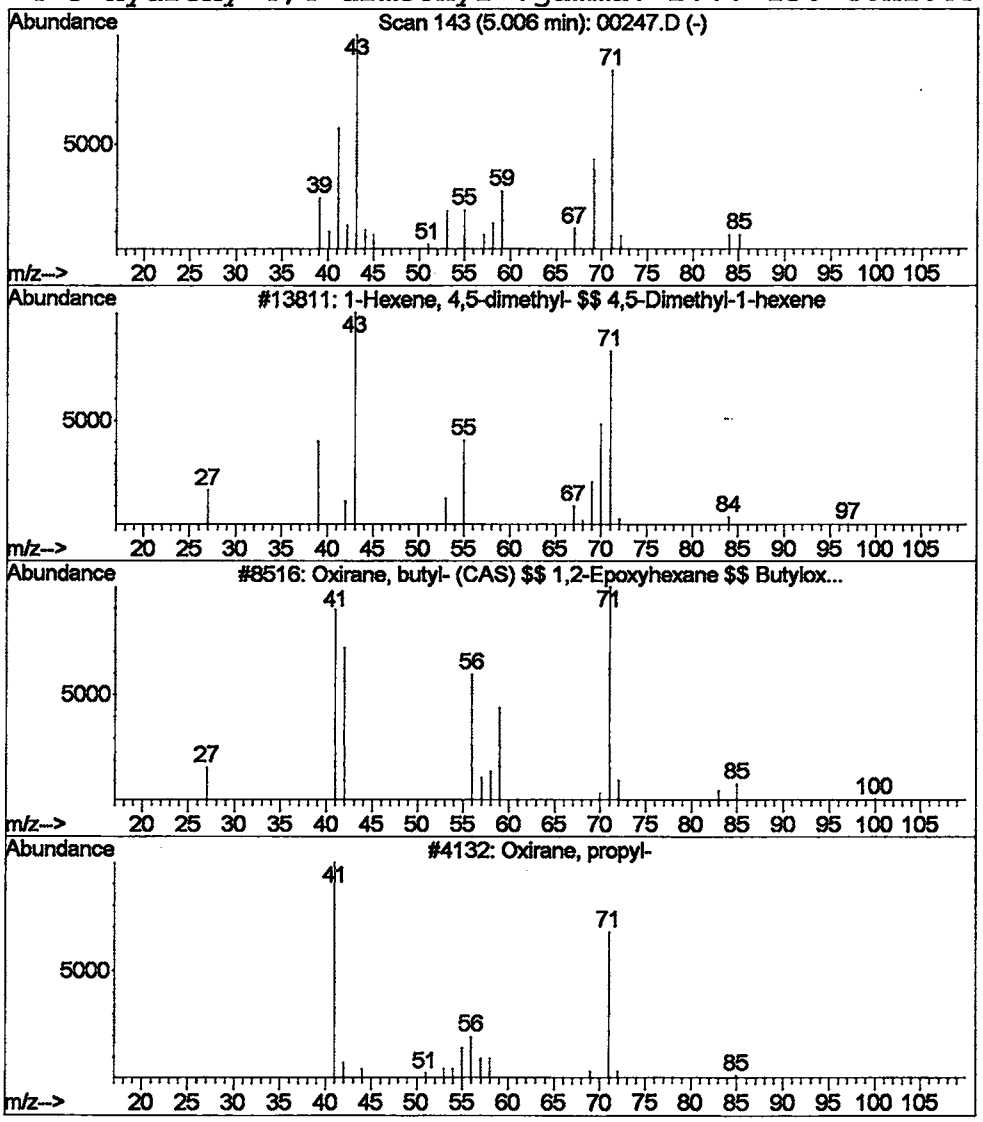
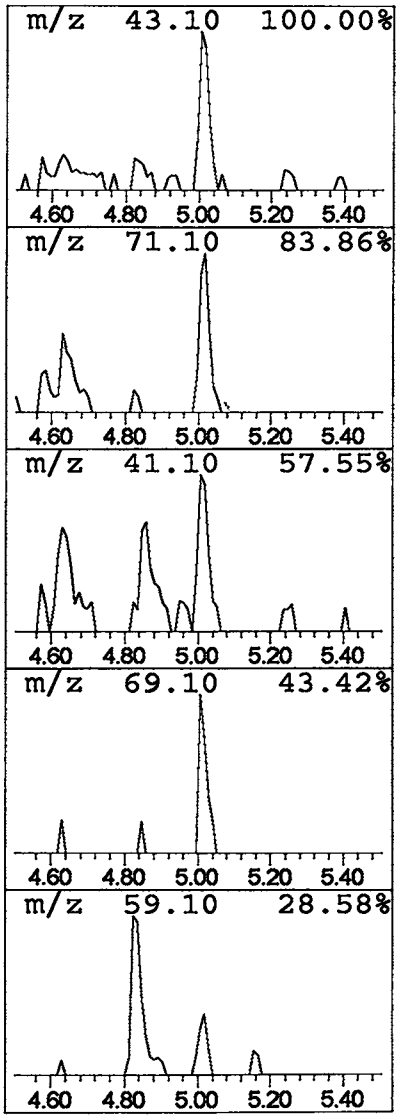
Peak Number 4 1-Hexene, 4,5-dimethyl- $$ ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.13 ug/L	62717	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 4,5-dimethyl- $$ 4,5-D...	112	C8H16	016106-59-5	45
2	Oxirane, butyl- (CAS) $$ 1,2-Epo...	100	C6H12O	001436-34-6	42
3	Oxirane, propyl-	86	C5H10O	001003-14-1	40
4	3-hydroxy-4,4-dimethyl .gamma. B...	130	C6H10O3	052126-90-6	40





Data File : C:\MSDCHEM\1\5973N\02JAN24\00247.D Vial: 3
Acq On : 24 Jan 2002 4:38 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

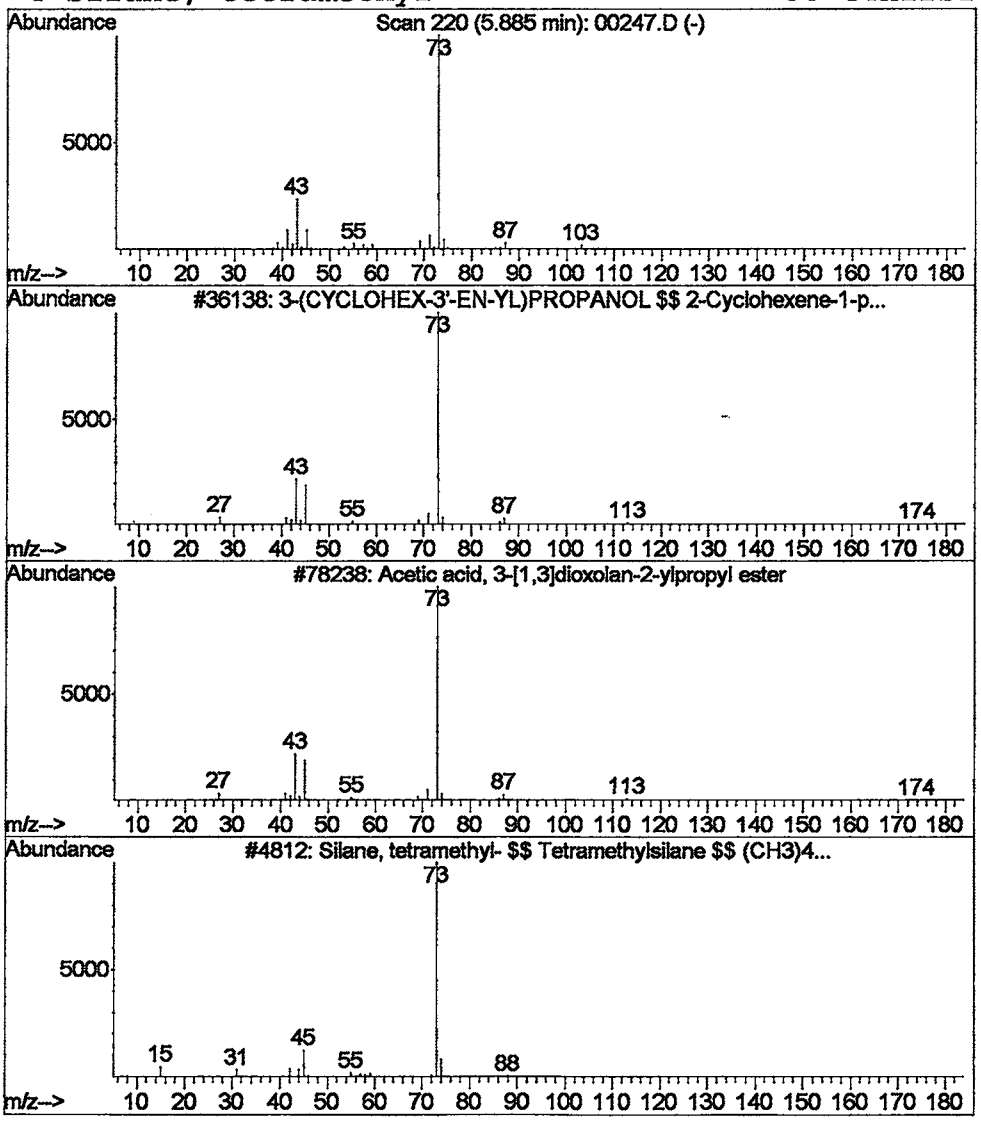
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

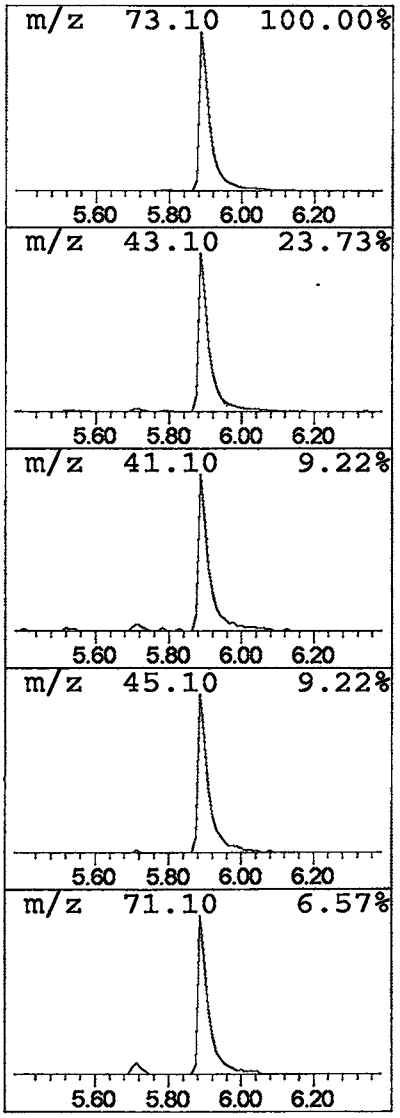
****

Peak Number 5 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.20 ug/L	1969800	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
3	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	28
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25





Data File : C:\MSDCHEM\1\5973N\02JAN24\00247.D Vial: 3
Acq. On : 24 Jan 2002 4:38 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

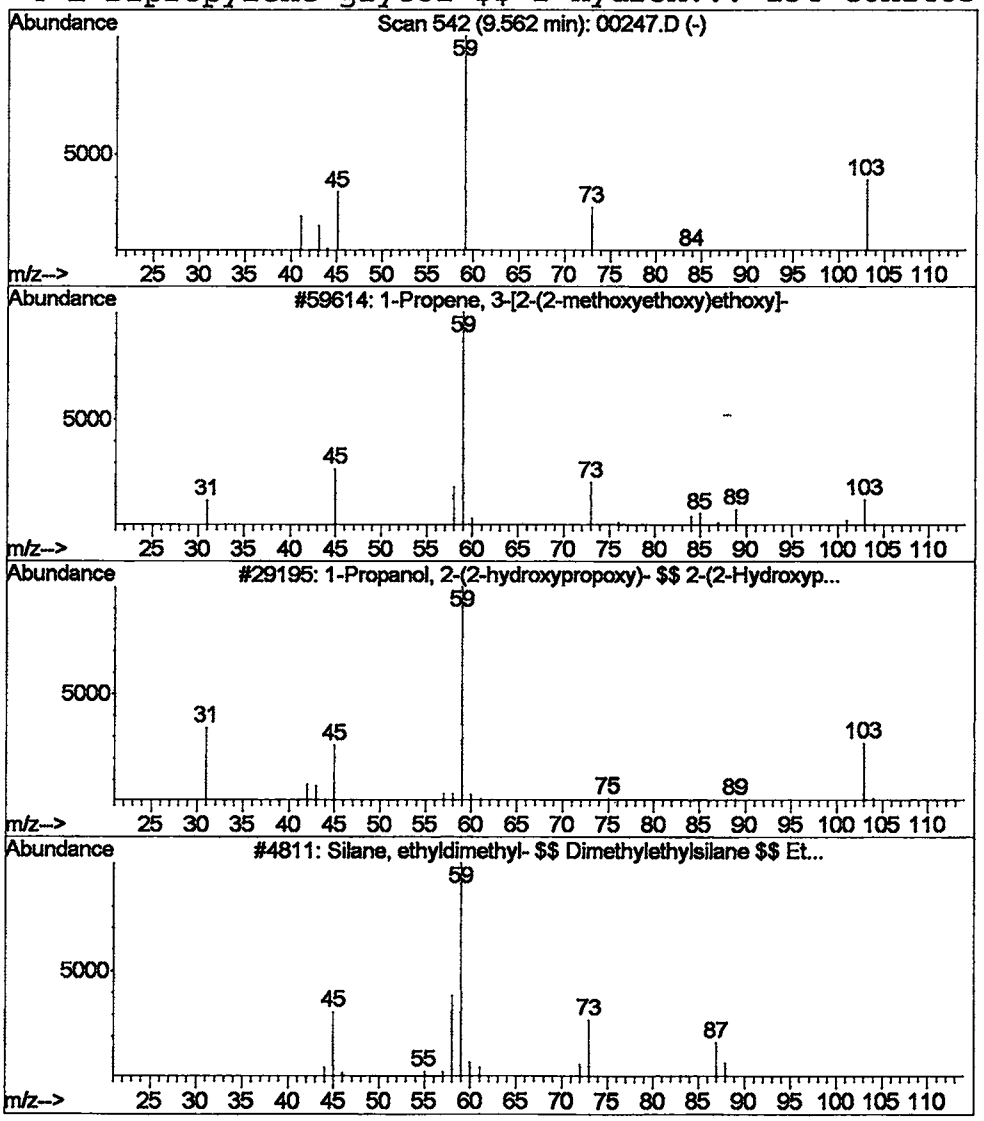
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

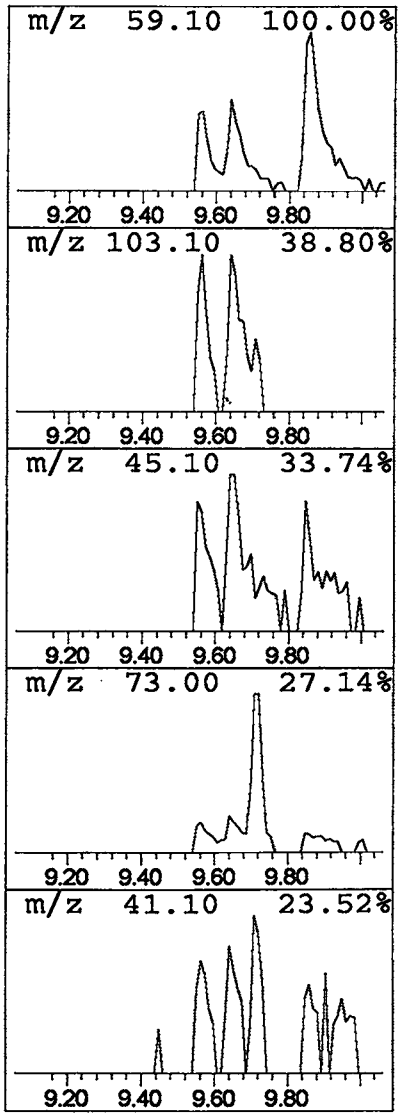
****

Peak Number 6 1-Propene, 3-[2-(2-methoxye... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	0.08 ug/L	37524	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	9
2	1-Propanol, 2-(2-hydroxypropoxy)...	134	C6H14O3	000106-62-7	9
3	Silane, ethyldimethyl- $$ Dimeth...	88	C4H12Si	000758-21-4	9
4	E-Dipropylene glycol $$ 2-hydrox...	134	C6H14O3	000000-00-0	9





Data File : C:\MSDCHEM\1\5973N\02JAN24\00247.D Vial: 3
Acq On : 24 Jan 2002 4:38 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

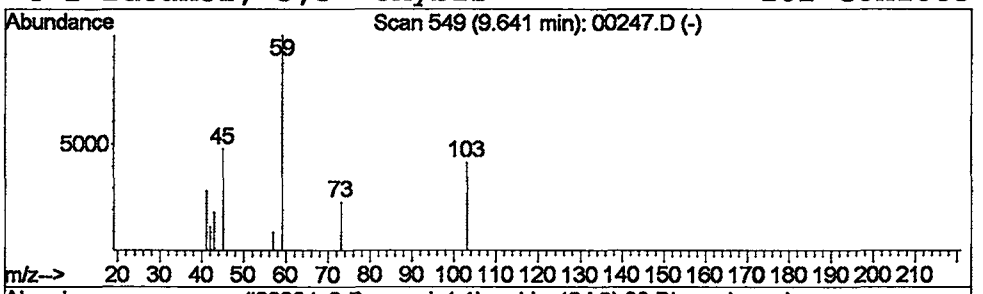
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

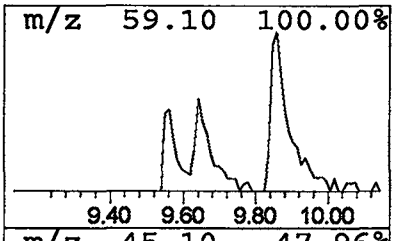
****

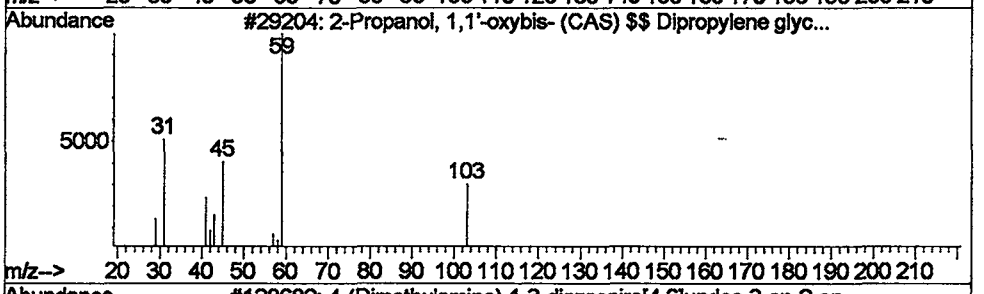
Peak Number 7 2-Propanol, 1,1'-oxybis- (C... Concentration Rank 10

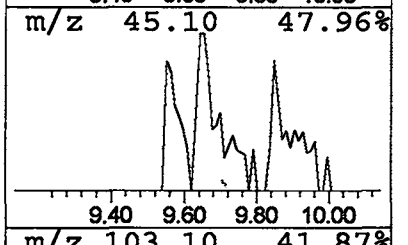
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	0.07 ug/L	32186	1,4-Dichlorobenzene-d4	9.72

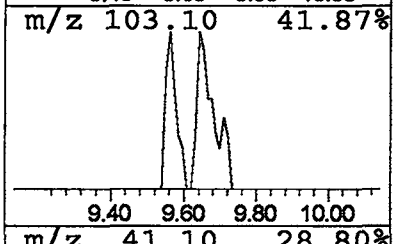
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	78
2	4-(Dimethylamino)-1,3-diazaspiro...	209	C11H19N3O	000000-00-0	59
3	E-Dipropylene glycol $$ 2-hydrox...	134	C6H14O3	000000-00-0	39
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	9

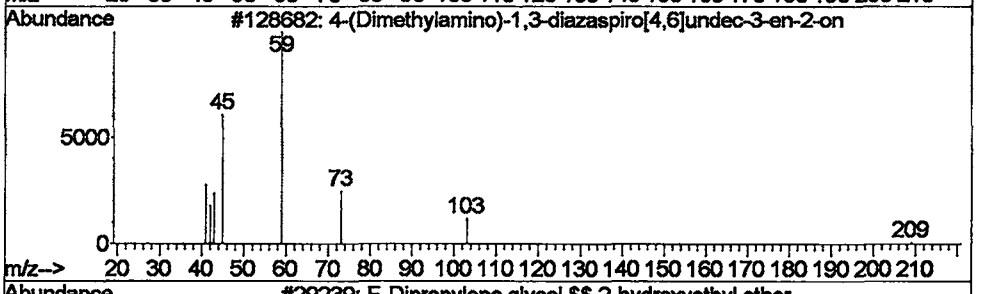


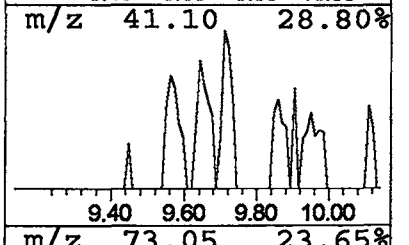


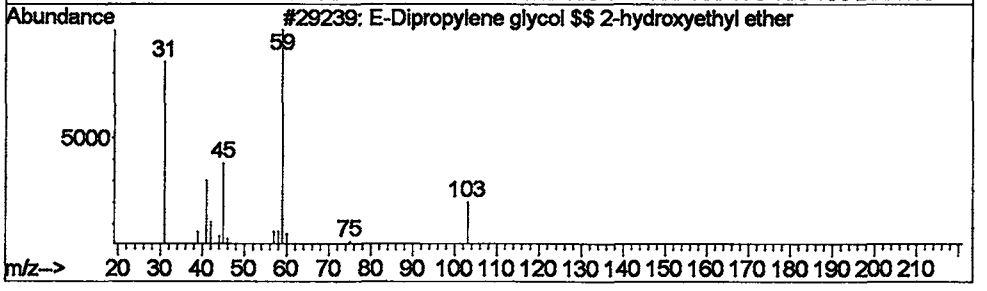


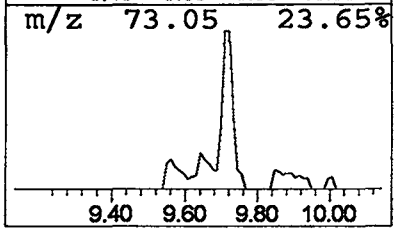












Data File : C:\MSDCHEM\1\5973N\02JAN24\00247.D Vial: 3
Acq On : 24 Jan 2002 4:38 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

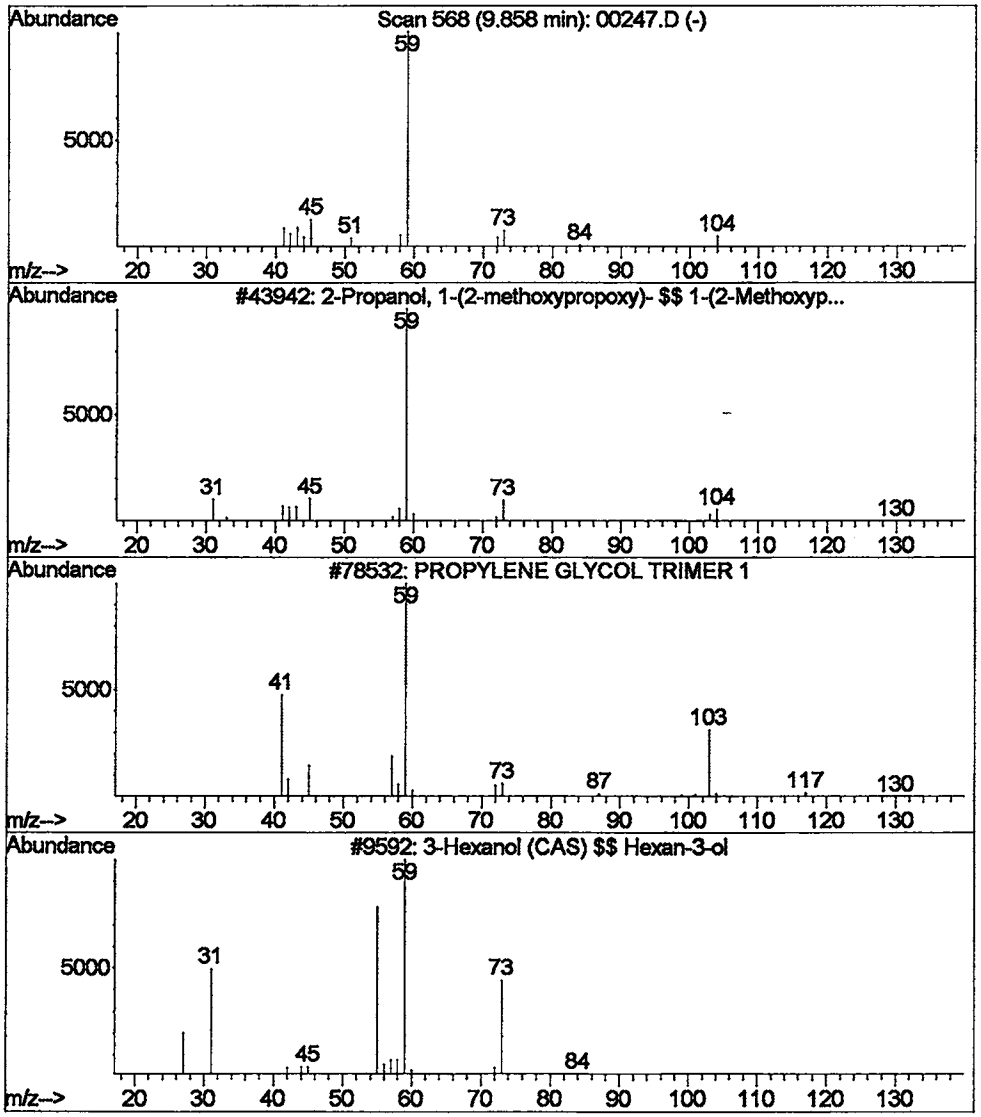
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

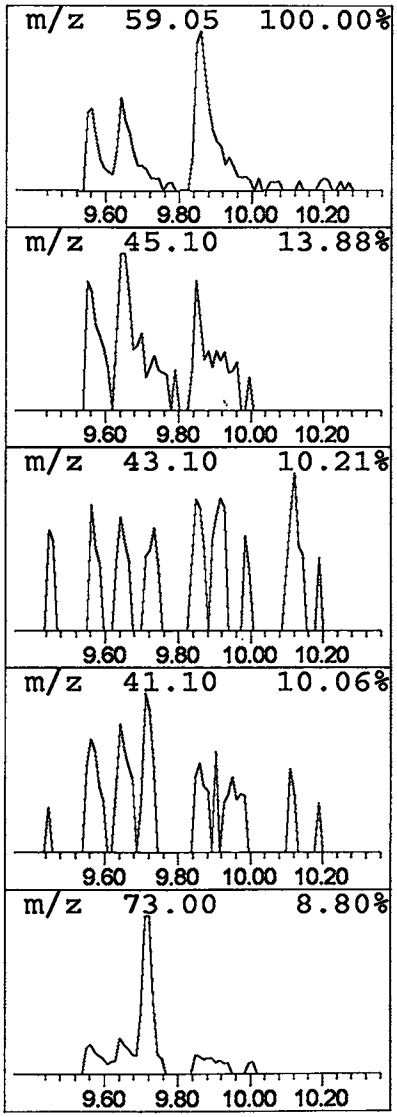
****

Peak Number 8 2-Propanol, 1-(2-methoxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	0.17 ug/L	80622	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	78
2	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	43
3	3-Hexanol (CAS) $$ Hexan-3-ol	102	C6H14O	000623-37-0	40
4	TRIPROPYLENE GLYCOL 2	192	C9H20O4	000000-00-0	9





Data File : C:\MSDCHEM\1\5973N\02JAN24\00247.D Vial: 3
Acq On : 24 Jan 2002 4:38 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 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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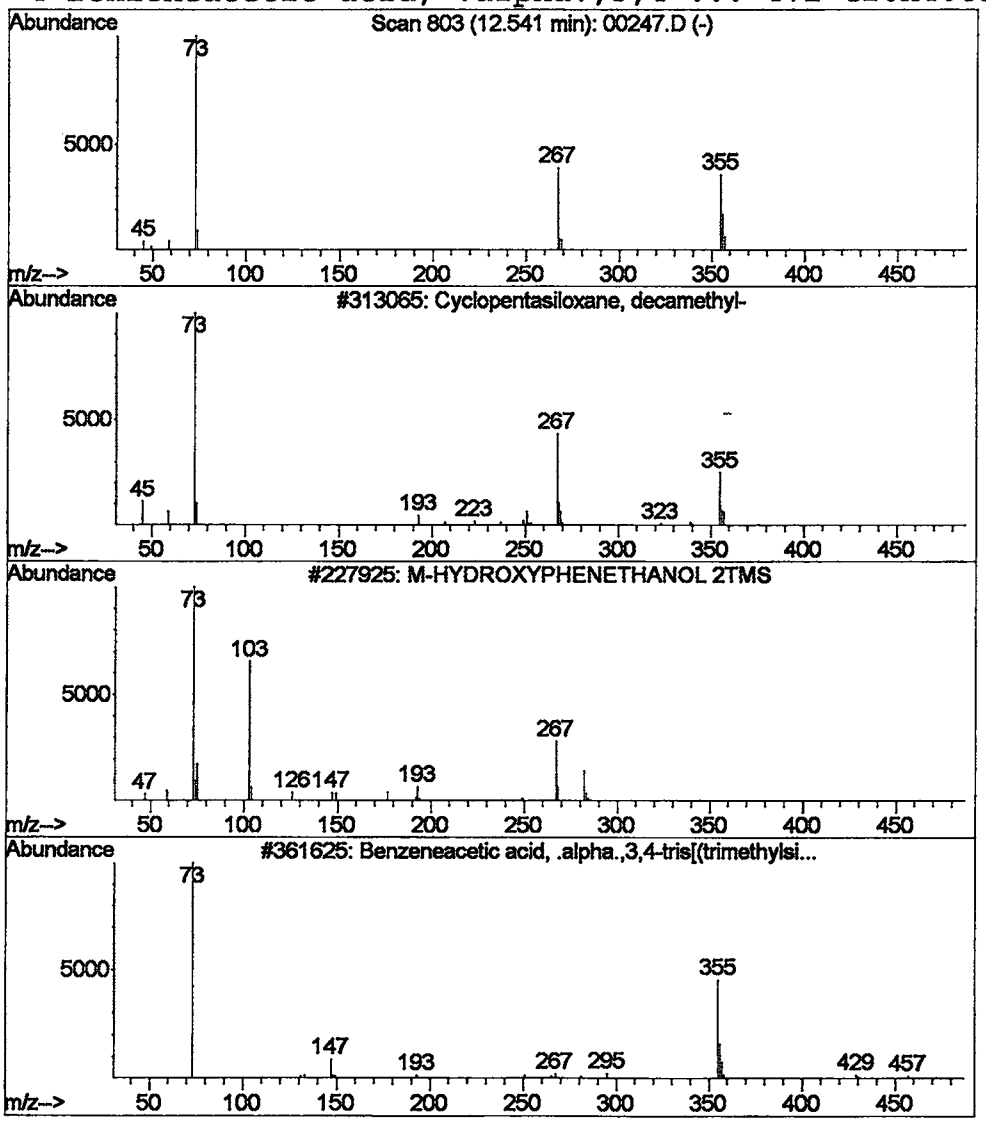
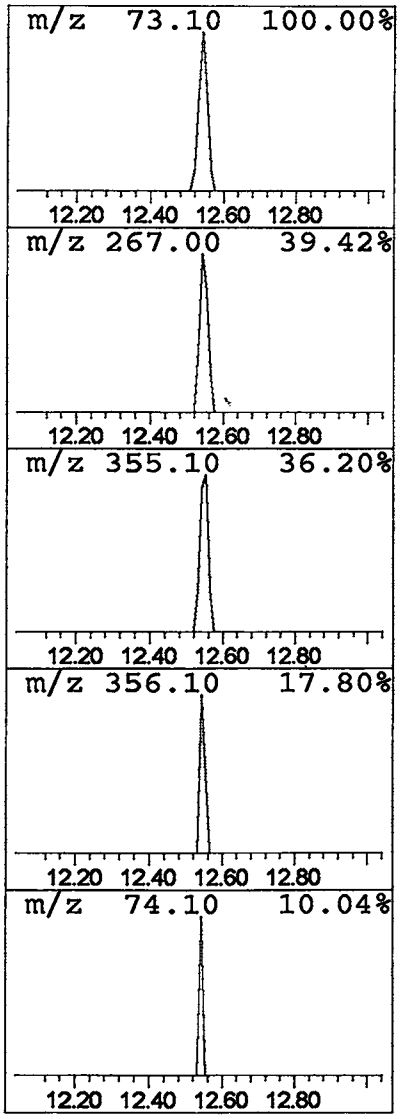
Peak Number 9 Cyclopentasiloxane, decamet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.06 ug/L	38254	Naphthalene-d8	13.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	45
2	M-HYDROXYPHENETHANOL 2TMS	282	C14H26O2Si2	000000-00-0	33
3	Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5Si4	037148-65-5	32
4	Benzeneacetic acid, .alpha.,3,4-...	472	C20H40O5Si4	037148-65-5	25





Data File : C:\MSDCHEM\1\5973N\02JAN24\00247.D Vial: 3
Acq On : 24 Jan 2002 4:38 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 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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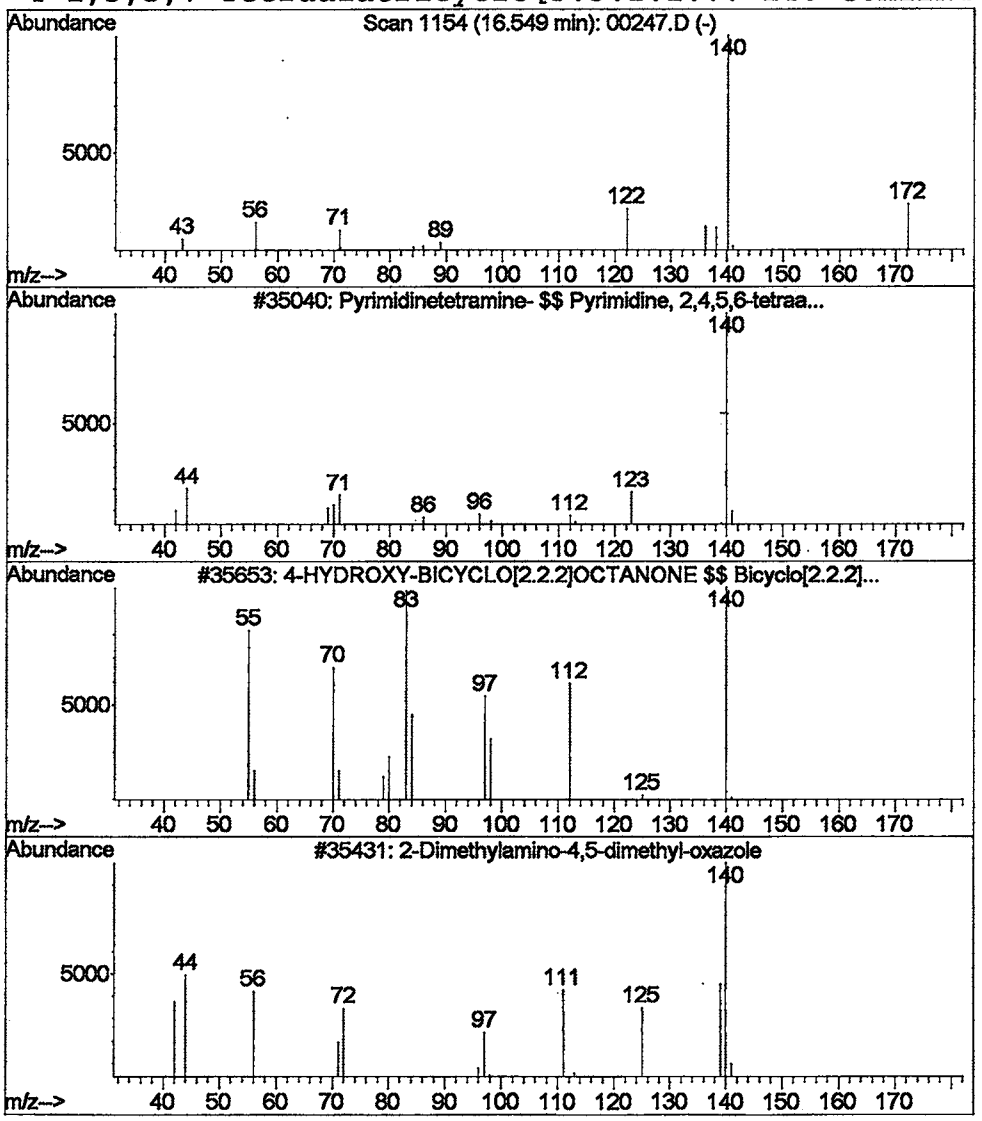
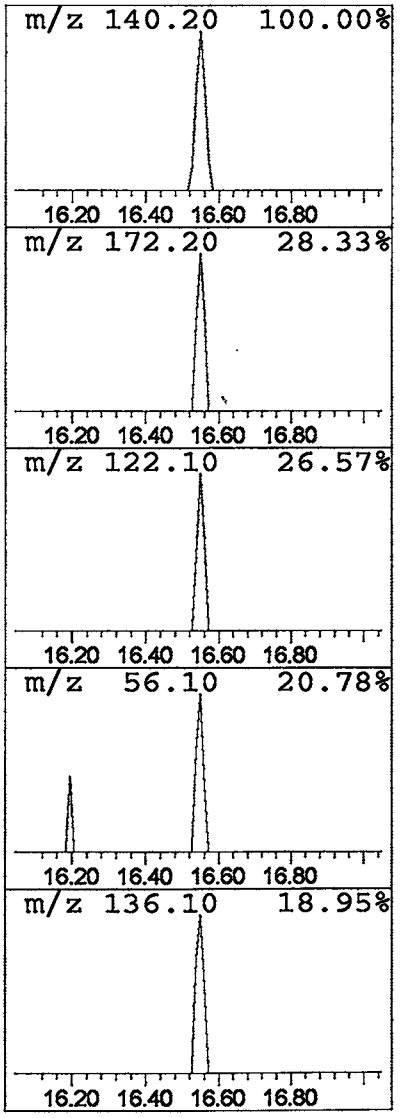
Peak Number 10 Pyrimidinetetramine- $$ Pyr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.05 ug/L	32547	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrimidinetetramine- $$ Pyrimidi...	140	C4H8N6	001004-74-6	37
2	4-HYDROXY-BICYCLO[2.2.2]OCTANONE...	140	C8H12O2	066348-59-2	23
3	2-Dimethylamino-4,5-dimethyl-oxa...	140	C7H12N2O	000000-00-0	9
4	1,3,5,7-Tetraazatricyclo[3.3.1.1...	140	C6H12N4	000100-97-0	9

NO Good match





Data File : C:\MSDCHEM\1\5973N\02JAN24\00247.D Vial: 3
Acq On : 24 Jan 2002 4:38 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 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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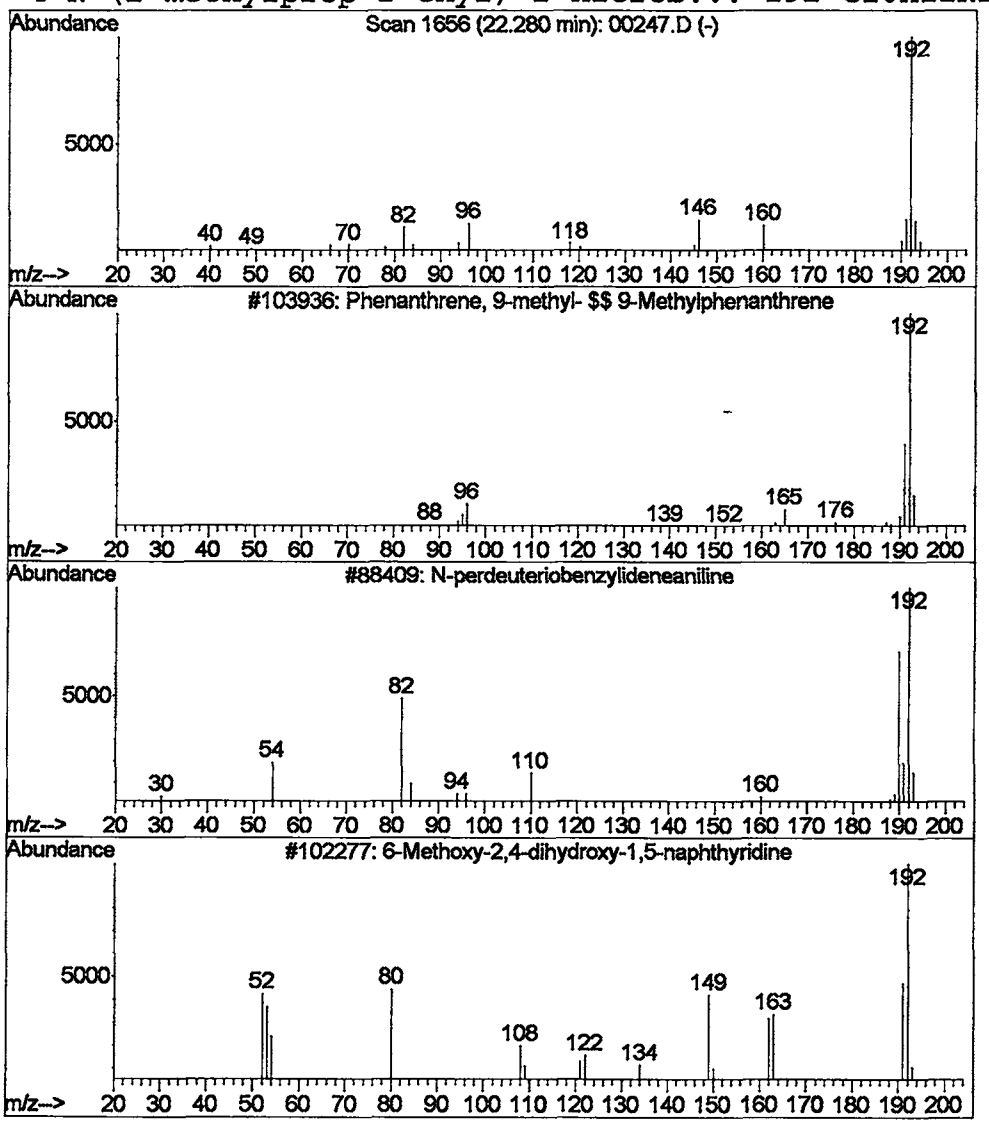
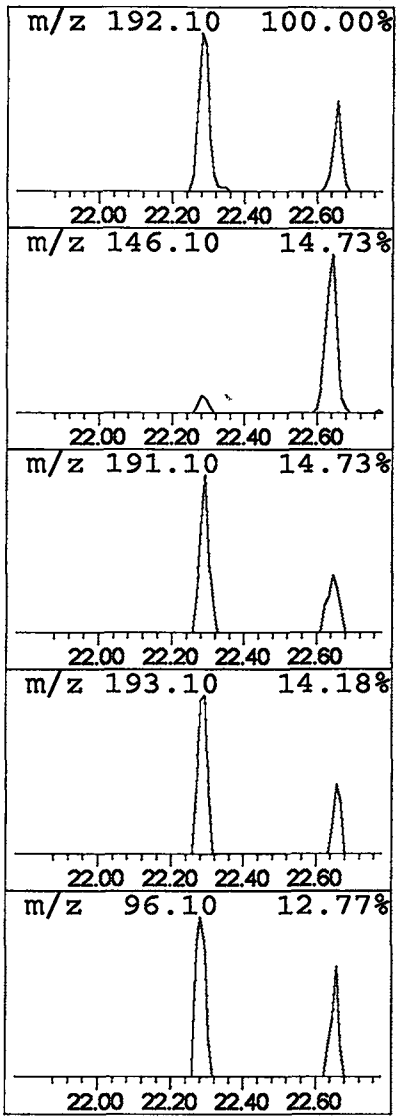
Peak Number 11 Phenanthrene, 9-methyl- $$ ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.14 ug/L	104684	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	59
2	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	52
3	6-Methoxy-2,4-dihydroxy-1,5-naph...	192	C9H8N2O3	000000-00-0	50
4	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	49





Data File : C:\MSDCHEM\1\5973N\02JAN24\00247.D Vial: 3
Acq On : 24 Jan 2002 4:38 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 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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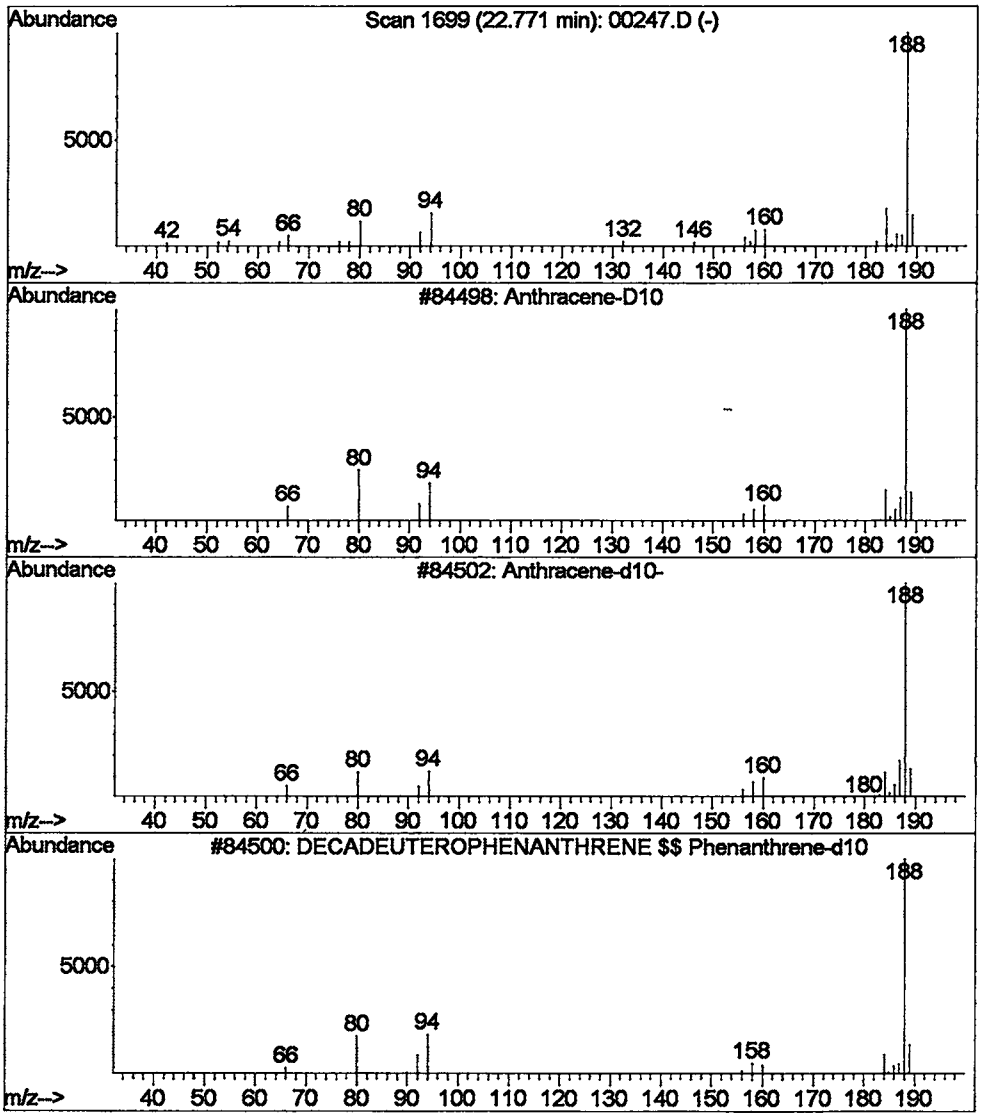
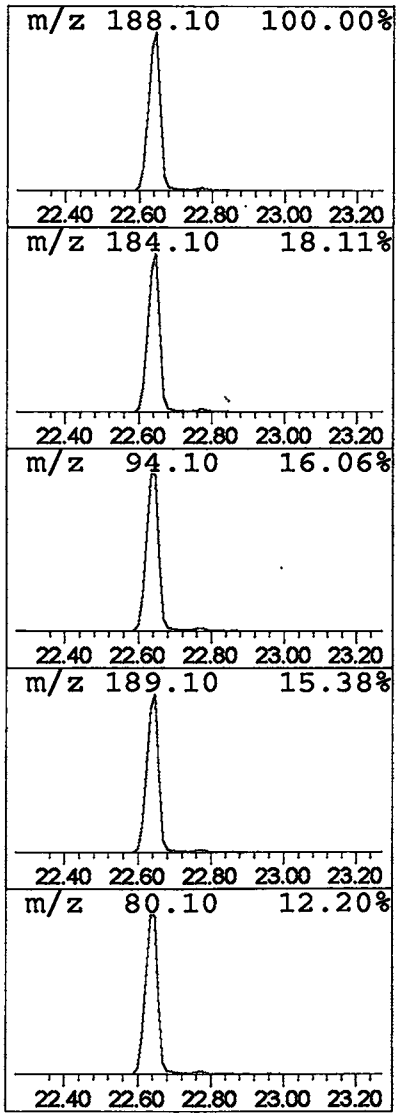
Peak Number 12 Anthracene-D10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.27 ug/L	200741	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-D10	188	C14D10	000000-00-0	91
2	Anthracene-d10-	188	C14D10	001719-06-8	91
3	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	90
4	Phenanthrene-d10	188	C14D10	001517-22-2	90





Tentatively Identified Compound (TIC) Summary

Operator ID: Date Acquired: 24 Jan 2002 4:38 pm
Data File: C:\MSDCHEM\1\5973N\02JAN24\00247.D
Name: 508scan
Misc: January 24, 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
Butanoic acid, me...	3.60	0.1	ug/L	60811	1	9.72	9388660	20.0
Butanoic acid, 2-...	4.63	0.1	ug/L	45866	1	9.72	9388660	20.0
Cyclobut-1-enylme...	4.85	0.2	ug/L	79107	1	9.72	9388660	20.0
1-Hexene, 4,5-dim...	5.01	0.1	ug/L	62717	1	9.72	9388660	20.0
3-(CYCLOHEX-3'-EN...	5.89	4.2	ug/L	1969800	1	9.72	9388660	20.0
1-Propene, 3-[2-(...	9.56	0.1	ug/L	37524	1	9.72	9388660	20.0
2-Propanol, 1,1'-...	9.64	0.1	ug/L	32186	1	9.72	9388660	20.0
2-Propanol, 1-(2-...	9.86	0.2	ug/L	80622	1	9.72	9388660	20.0
Cyclopentasiloxan...	12.54	0.1	ug/L	38254	2	13.20	13314300	20.0
Pyrimidinetetrami...	16.55	0.0	ug/L	32547	3	18.34	14270500	20.0
Phenanthrene, 9-m...	22.28	0.1	ug/L	104684	4	22.65	14868100	20.0
Anthracene-D10	22.77	0.3	ug/L	200741	4	22.65	14868100	20.0