User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 09:46:54

Sample: AE00250
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 09:46 Ended: 1/28/02 09:46 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		73		5.0

Comments for Sample AE00250 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 09:46:58

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\00250.D Vial: 6
Acq On : 24 Jan 2002 7:06 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 25 10:22:11 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

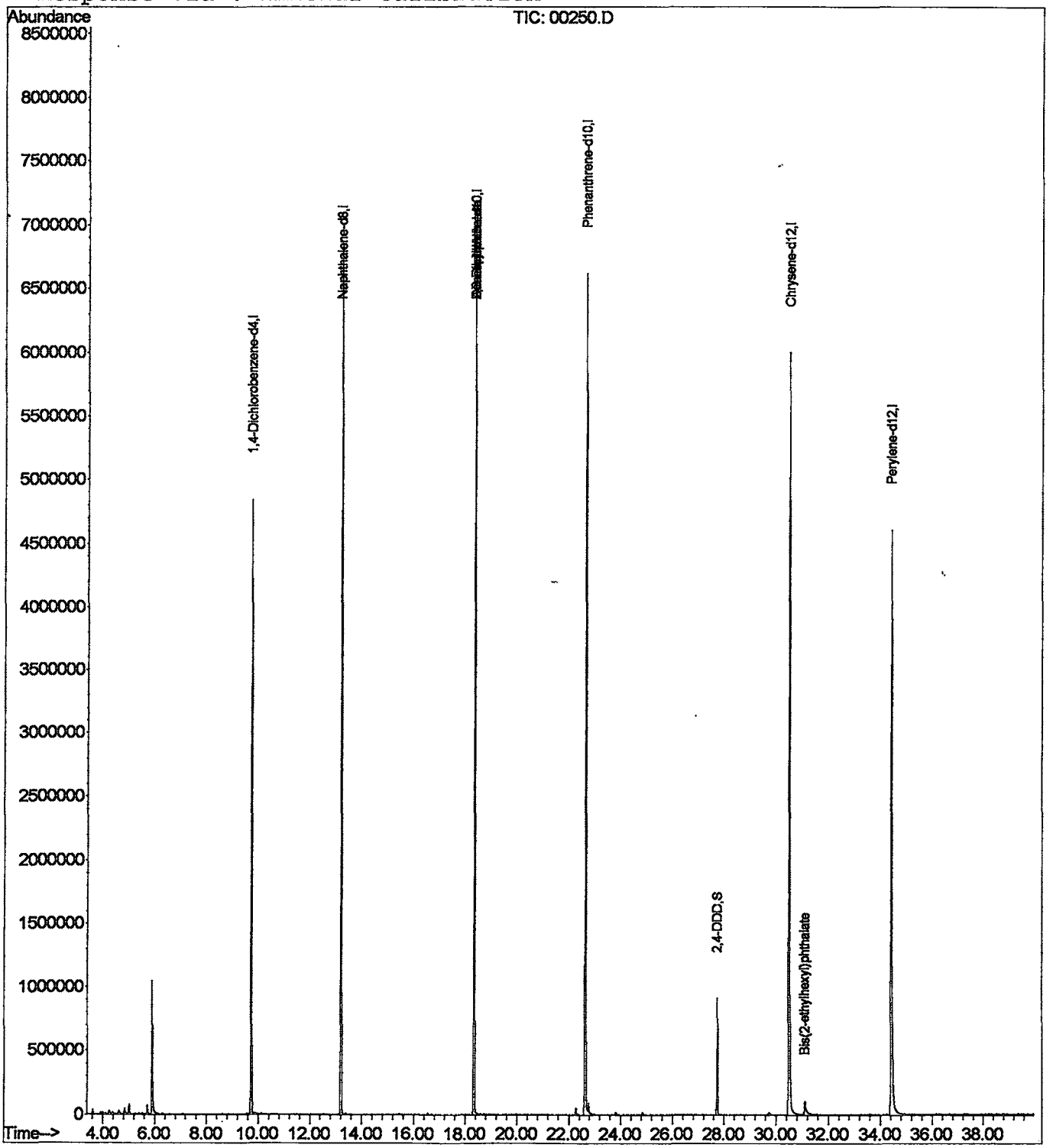
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1702447	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	7141153	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3544914	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	5662361	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	5019113	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3698997	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	324924	3.63	ug/L	0.00
Spiked Amount 5.000			Recovery =	72.60%		
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	570026	2.43	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	450015	9.86	ug/L #	17
42) Bis(2-ethylhexyl)phthalate	31.11	149	164121	1.21	ug/L	96

(#) = qualifier out of range (m) = manual integration
00250.D SCAN508.M Fri Jan 25 10:22:12 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN24\00250.D Vial: 6
Acq On : 24 Jan 2002 7:06 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



Data File : C:\MSDCHEM\1\5973N\02JAN24\00250.D Vial: 6
Acq On : 24 Jan 2002 7:06 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

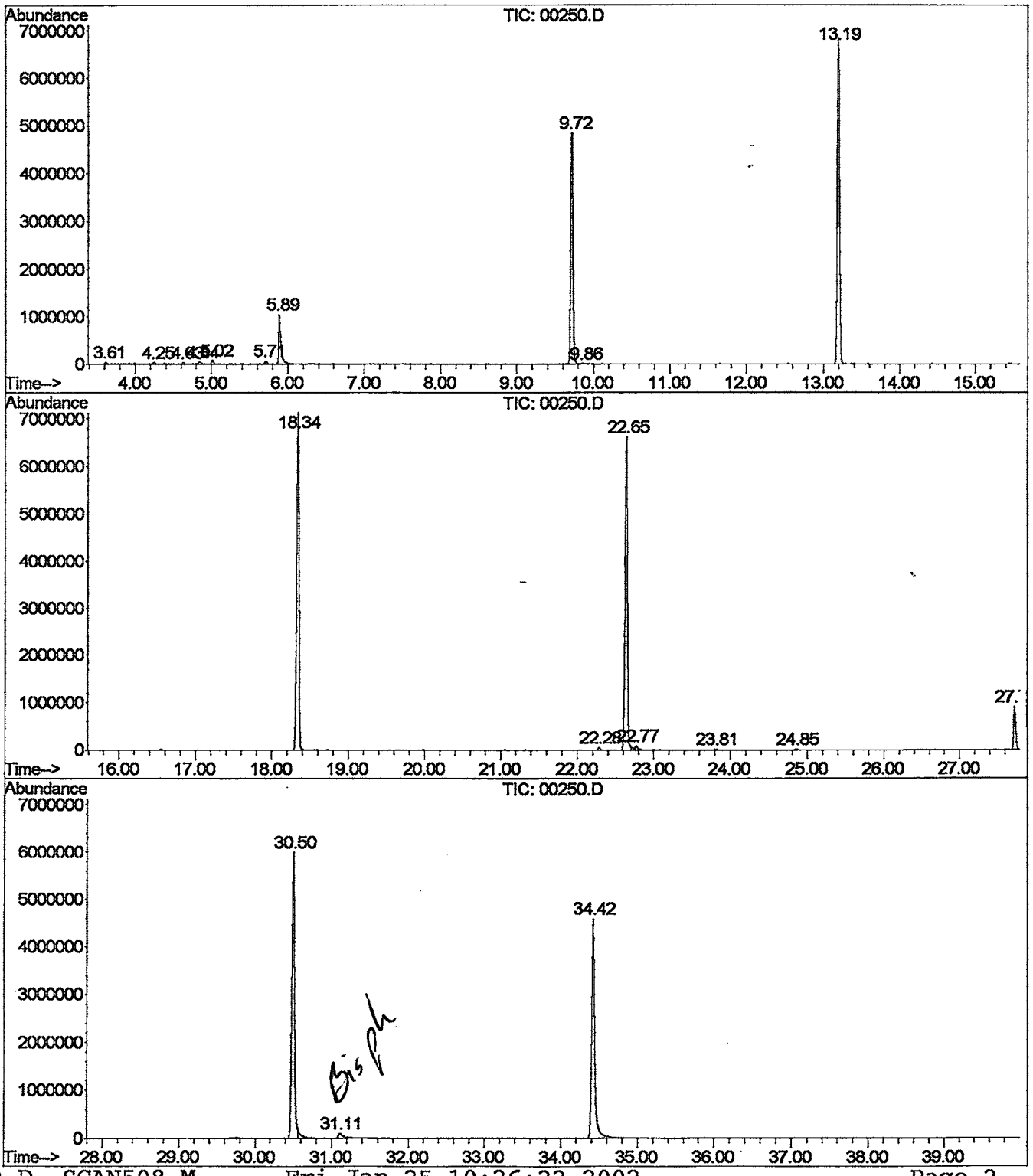
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.613	17	21	25	rBV	39549	58909	0.39%	0.069%
2	4.253	73	77	83	rBV4	29061	71592	0.48%	0.084%
3	4.630	103	110	115	rBV	30385	74420	0.50%	0.087%
4	4.835	123	128	141	rBV2	45655	116554	0.78%	0.137%
5	5.018	141	144	149	rVV	77632	148217	0.99%	0.174%
6	5.714	201	205	209	rVV	72899	121071	0.81%	0.142%
7	5.885	217	220	241	rBV	1046185	2082891	13.86%	2.440%
8	9.721	551	556	561	rVV	4842533	9722763	64.69%	11.391%
9	9.858	561	568	577	rVV	16242	69119	0.46%	0.081%
10	13.192	855	860	865	rBV	6850670	13759216	91.54%	16.120%
11	18.341	1305	1311	1315	rBV	7122295	14437527	96.05%	16.915%
12	22.280	1653	1656	1661	rVB	56224	111177	0.74%	0.130%
13	22.645	1681	1688	1693	rBV2	6618139	15030523	100.00%	17.609%
14	22.771	1697	1699	1713	rVB	89182	226315	1.51%	0.265%
15	23.810	1785	1790	1797	rVV	23231	52992	0.35%	0.062%
16	24.849	1877	1881	1889	rVV	22777	49783	0.33%	0.058%
17	27.726	2129	2133	2139	rVV	911759	1657791	11.03%	1.942%
18	30.500	2369	2376	2381	rBV	5997794	14469876	96.27%	16.952%
19	31.105	2425	2429	2457	rVB	102625	487417	3.24%	0.571%
20	34.416	2713	2719	2747	rBV	4600763	12607283	83.88%	14.770%

Sum of corrected areas: 85355436

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN24\00250.D
Operator :
Acquired : 24 Jan 2002 7:06 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508scan
Misc Info : January 24, 2002
Vial Number: 6
Quant File :SCAN508.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\5973N\02JAN24\00250.D Vial: 6
Acq On : 24 Jan 2002 7:06 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

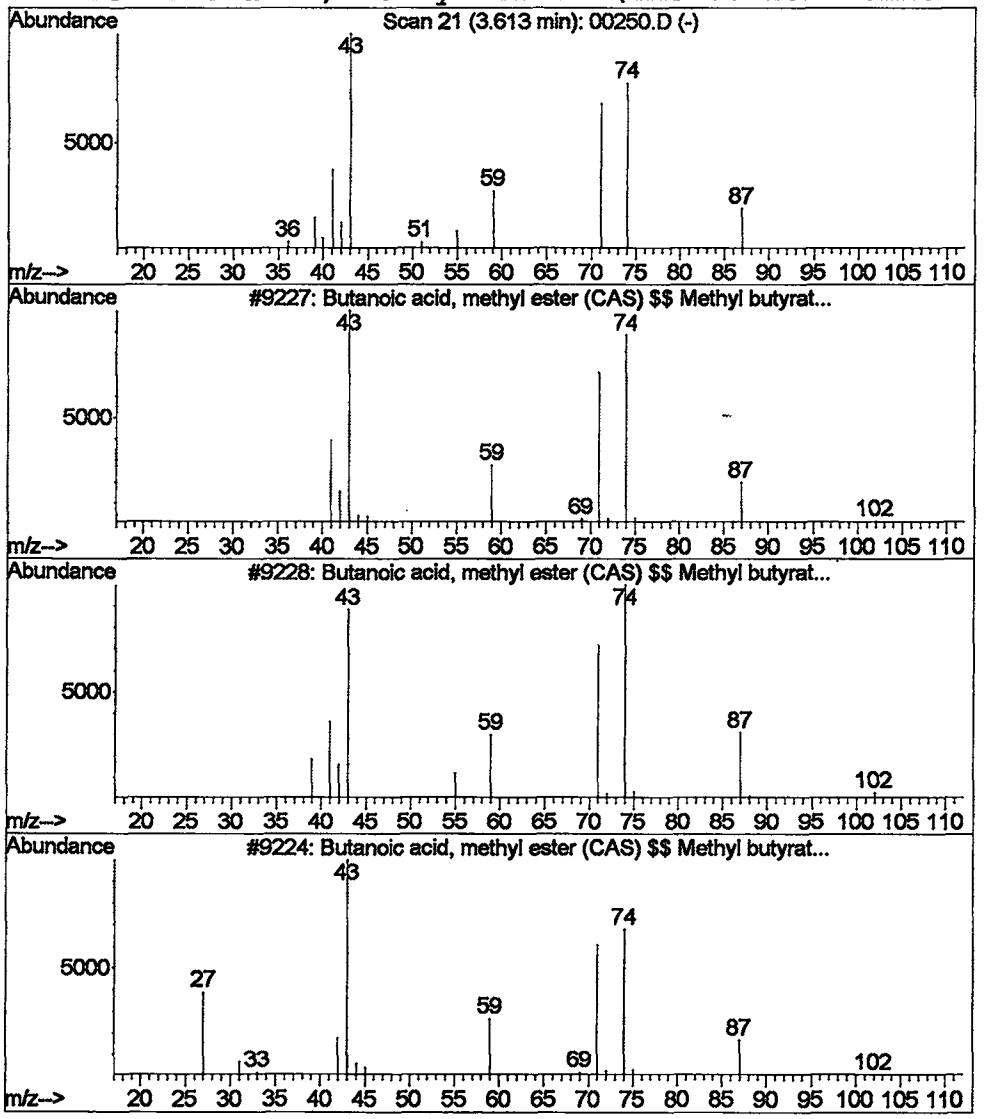
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

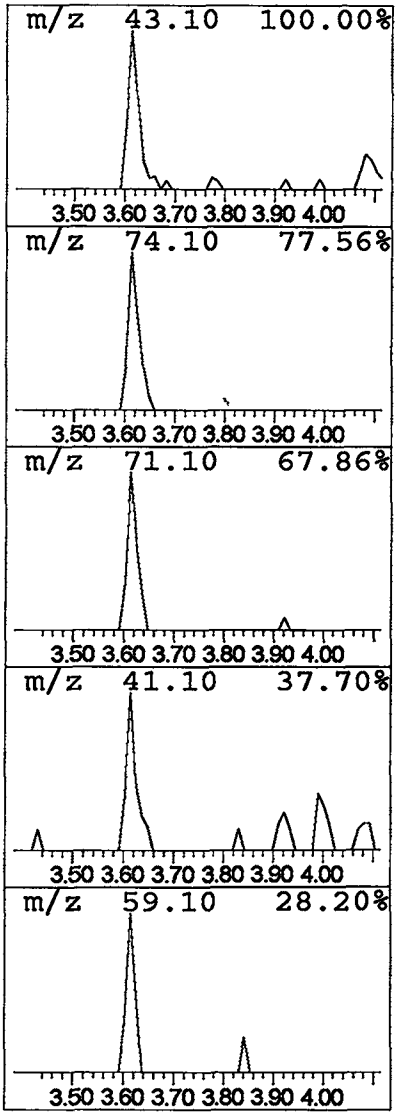
****

Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.12 ug/L	58909	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	78
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	74





Data File : C:\MSDCHEM\1\5973N\02JAN24\00250.D Vial: 6
Acq On : 24 Jan 2002 7:06 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

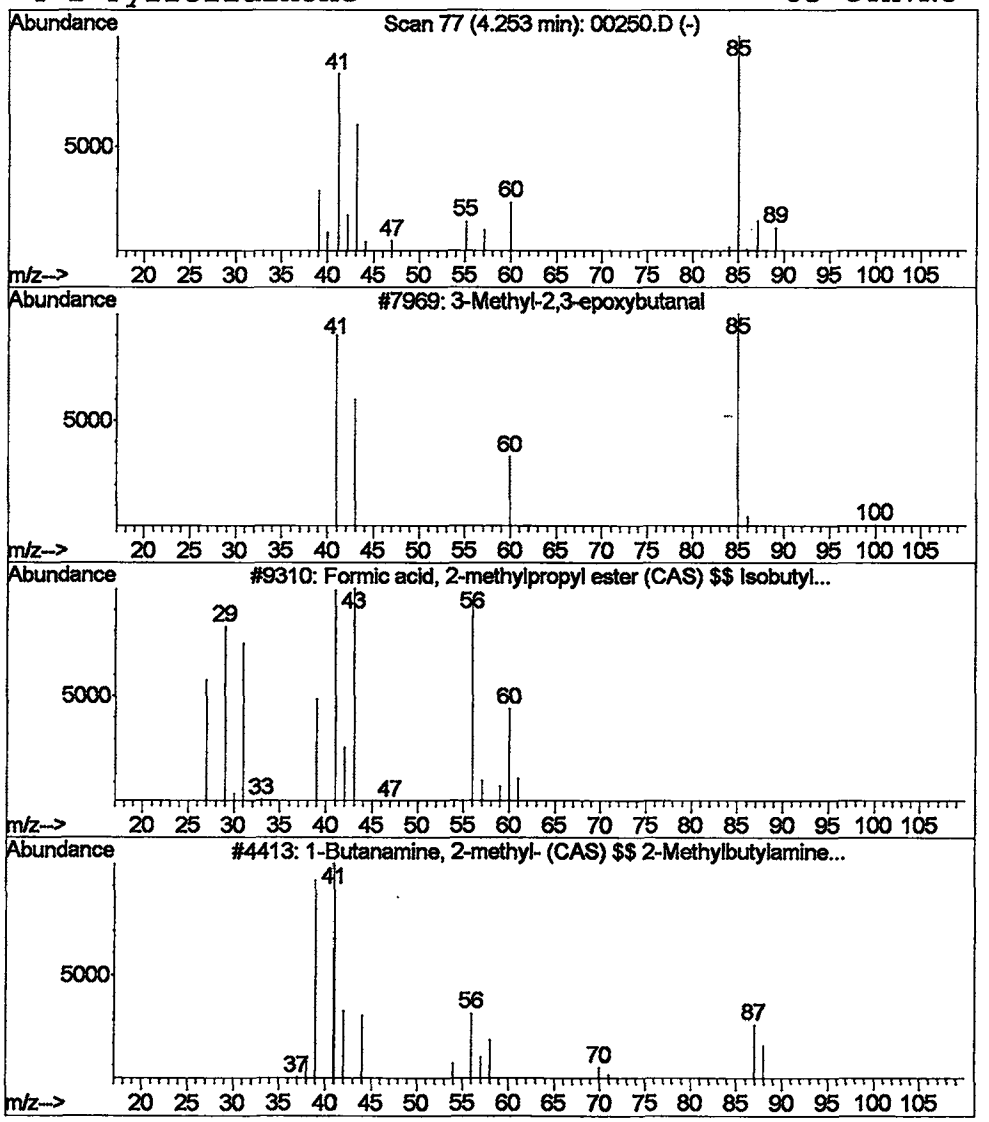
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

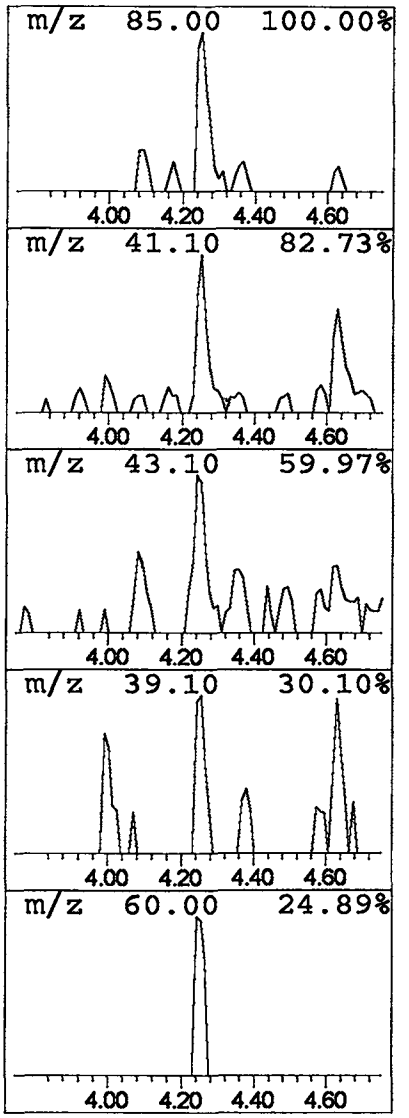
****

Peak Number 2 3-Methyl-2,3-epoxybutanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	0.15 ug/L	71592	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-2,3-epoxybutanal	100	C5H8O2	000000-00-0	42
2	Formic acid, 2-methylpropyl este...	102	C5H10O2	000542-55-2	22
3	1-Butanamine, 2-methyl- (CAS) $$...	87	C5H13N	000096-15-1	10
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9





Data File : C:\MSDCHEM\1\5973N\02JAN24\00250.D Vial: 6
Acq On : 24 Jan 2002 7:06 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

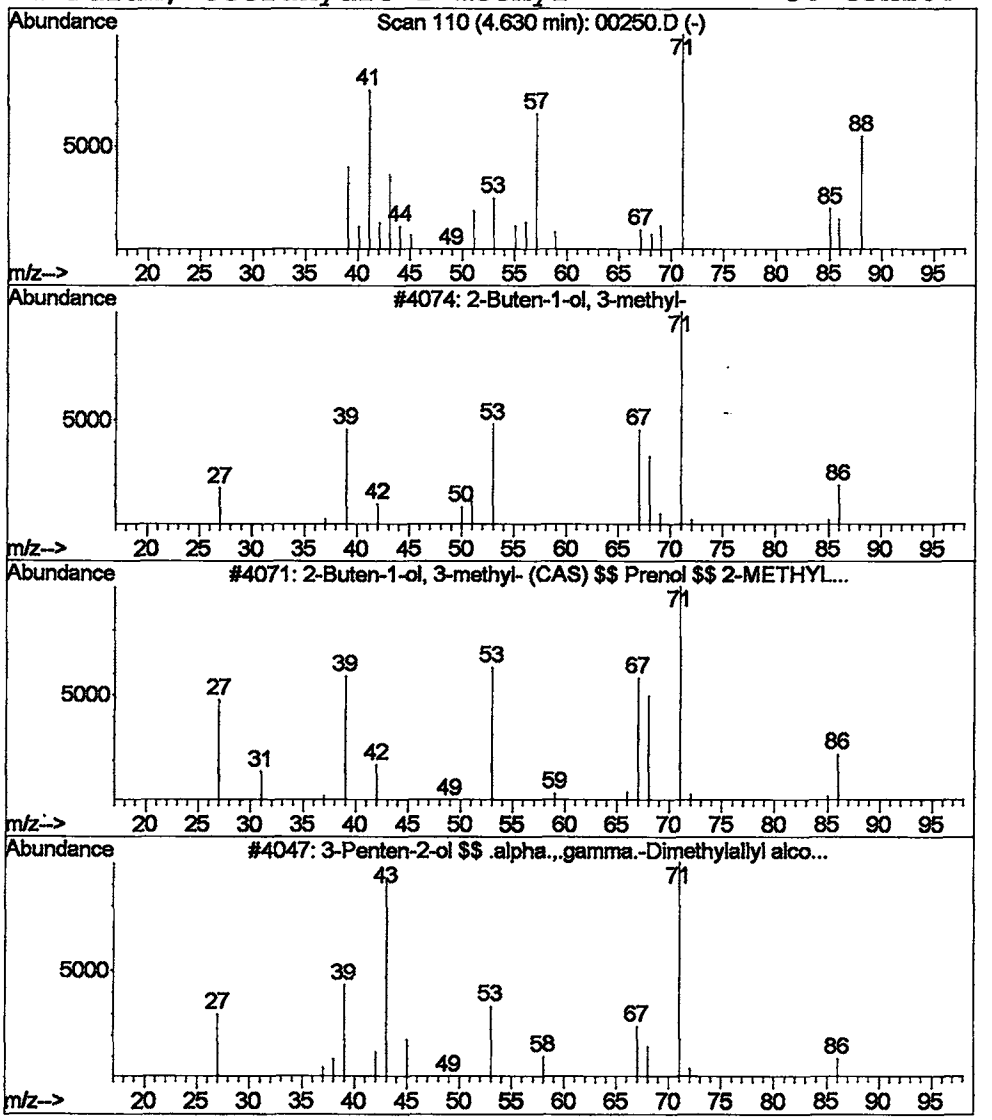
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

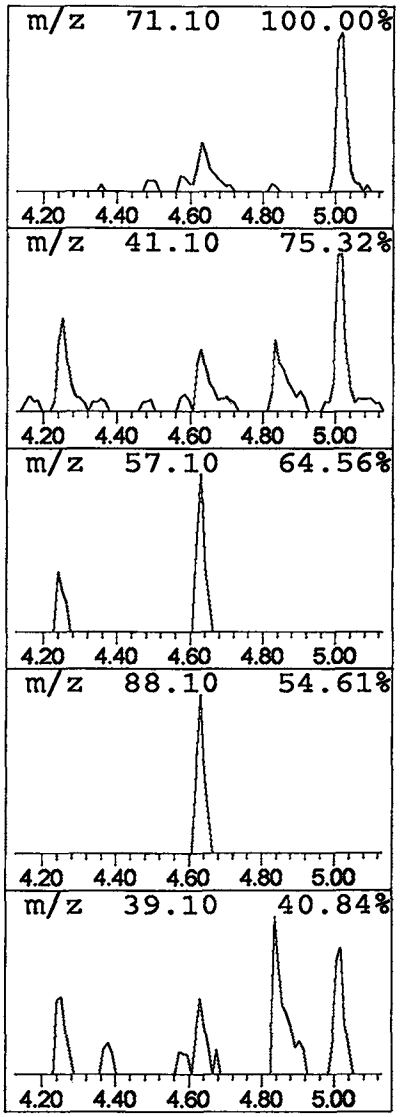
****

Peak Number 3 2-Buten-1-ol, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	0.15 ug/L	74420	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	28
2	2-Buten-1-ol, 3-methyl- (CAS) $$...	86	C5H10O	000556-82-1	25
3	3-Penten-2-ol $$ .alpha.,.gamma....	86	C5H10O	001569-50-2	23
4	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	22





Data File : C:\MSDCHEM\1\5973N\02JAN24\00250.D Vial: 6
Acq On : 24 Jan 2002 7:06 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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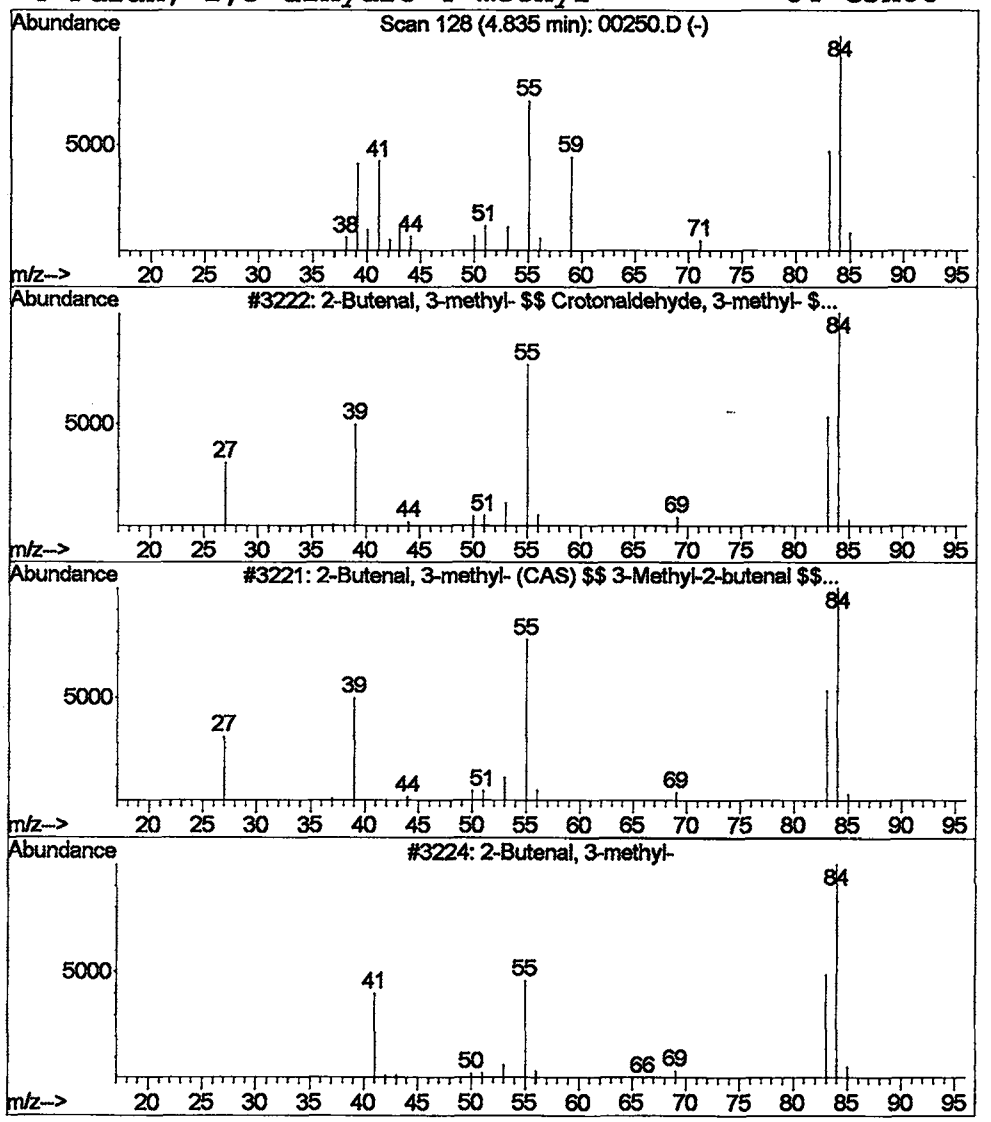
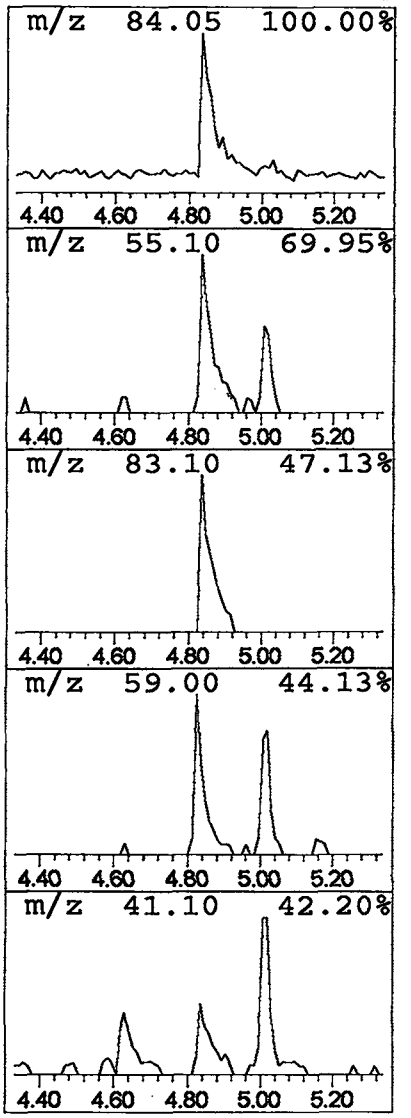
Peak Number 4 2-Butenal, 3-methyl- $$ Cro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	0.24 ug/L	116554	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl- $$ Crotonal...	84	C5H8O	000107-86-8	81
2	2-Butenal, 3-methyl- (CAS) $$ 3-...	84	C5H8O	000107-86-8	81
3	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	64
4	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	58





Data File : C:\MSDCHEM\1\5973N\02JAN24\00250.D Vial: 6
Acq On : 24 Jan 2002 7:06 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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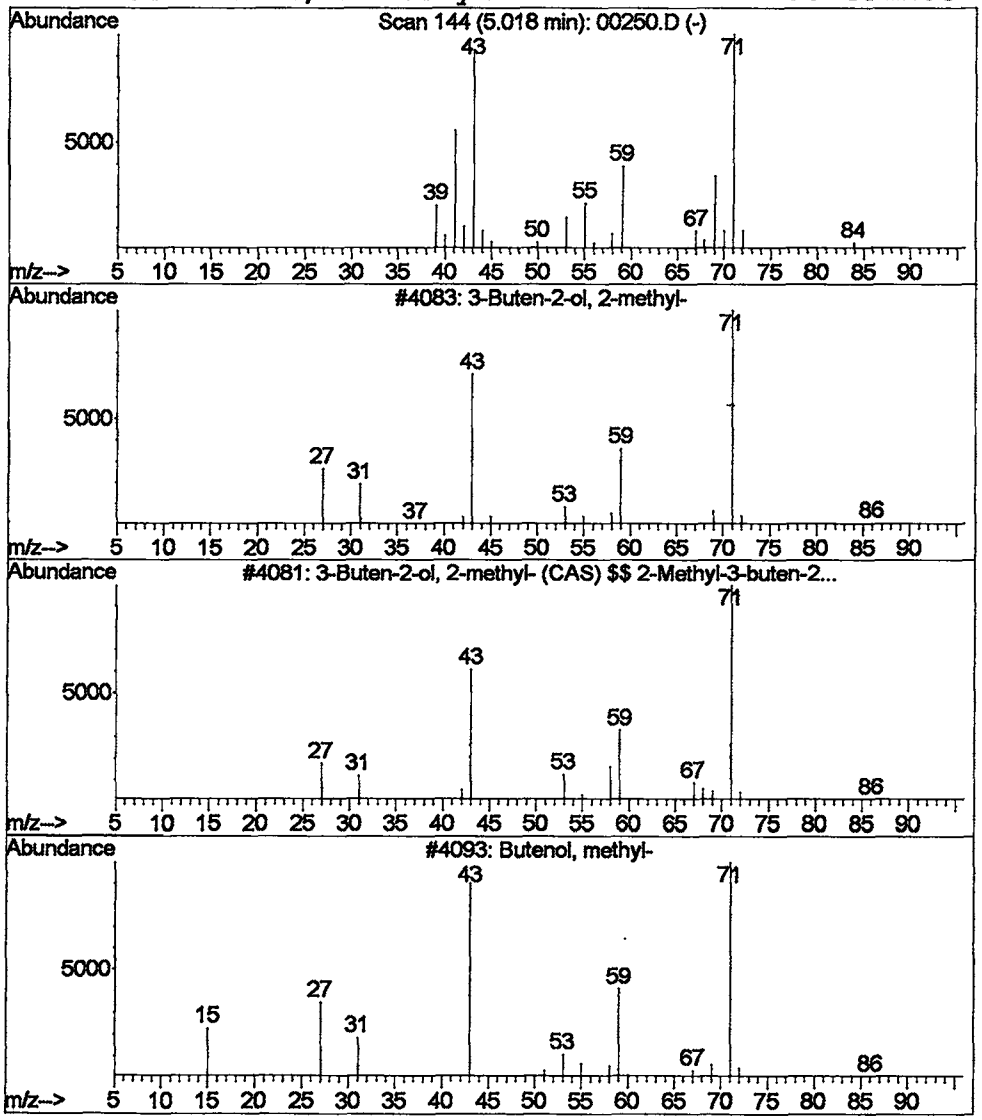
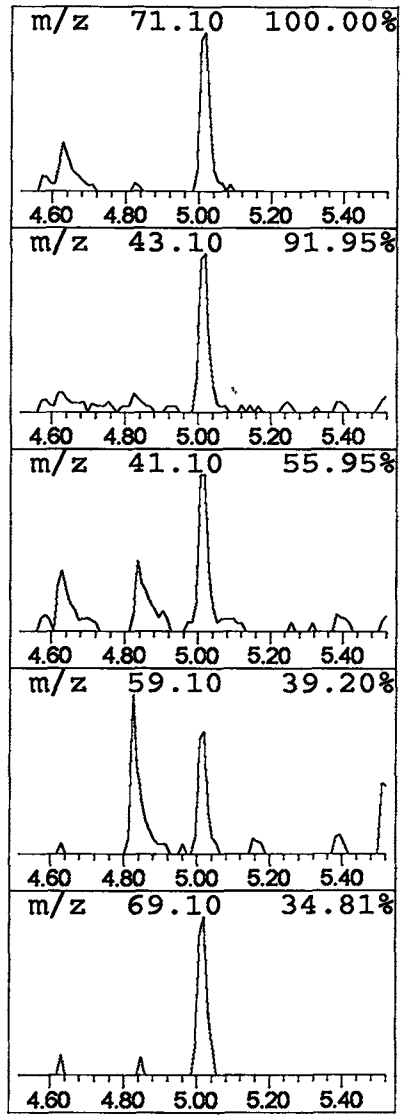
Peak Number 5 3-Buten-2-ol, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	0.30 ug/L	148217	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	80
2	3-Buten-2-ol, 2-methyl- (CAS) $$...	86	C5H10O	000115-18-4	80
3	Butenol, methyl-	86	C5H10O	060766-00-9	80
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	64





Data File : C:\MSDCHEM\1\5973N\02JAN24\00250.D Vial: 6
Acq On : 24 Jan 2002 7:06 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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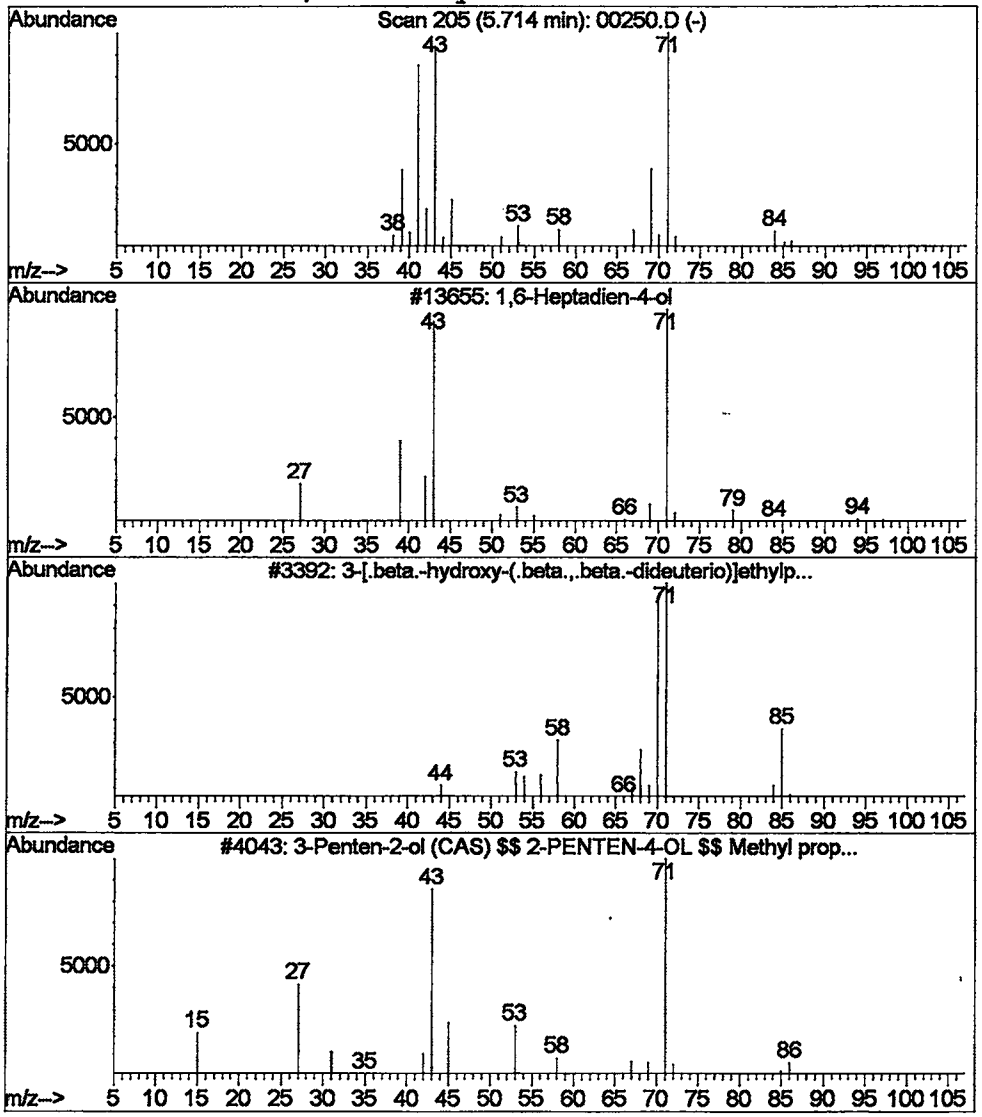
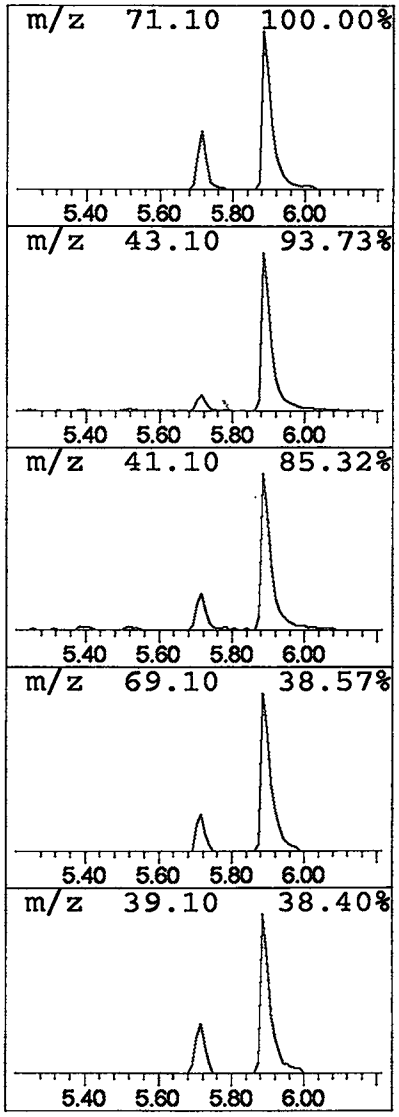
Peak Number 6 1,6-Heptadien-4-ol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	0.25 ug/L	121071	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	53
2	3-[.beta.-hydroxy-(.beta.,.beta....	86	C5H6D2O	005557-87-9	53
3	3-Penten-2-ol (CAS) $$ 2-PENTEN-...	86	C5H10O	001569-50-2	50
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	46





Data File : C:\MSDCHEM\1\5973N\02JAN24\00250.D Vial: 6
Acq On : 24 Jan 2002 7:06 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

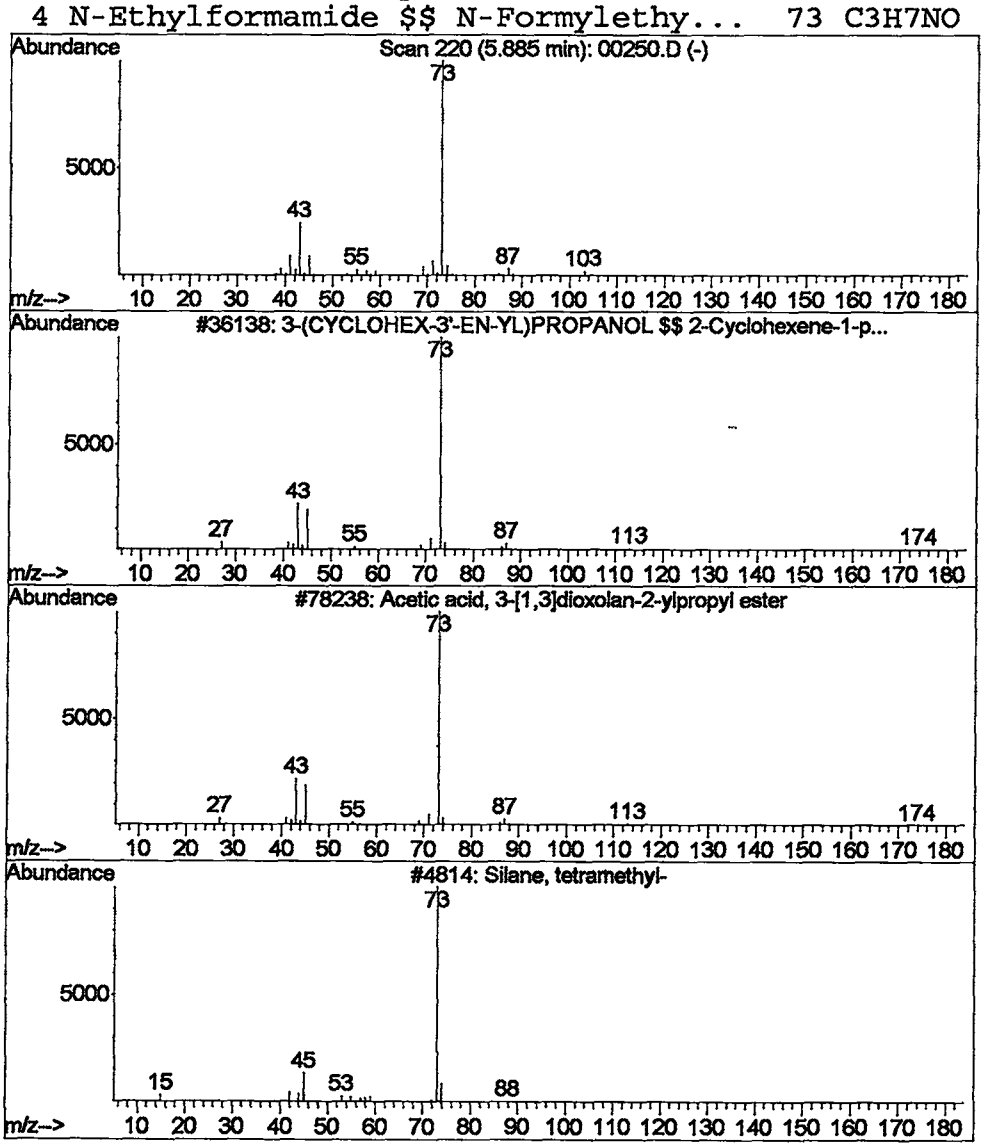
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

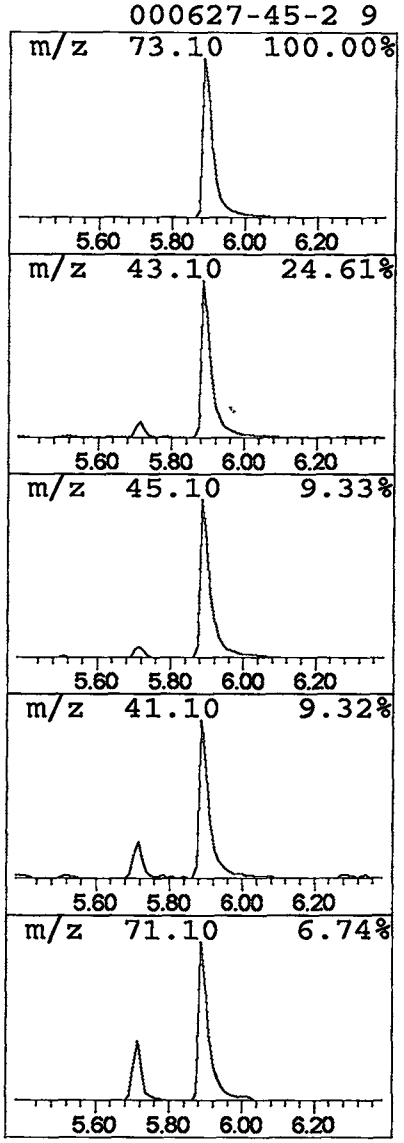
****

Peak Number 7 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.28 ug/L	2082890	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9





Data File : C:\MSDCHEM\1\5973N\02JAN24\00250.D Vial: 6
Acq On : 24 Jan 2002 7:06 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

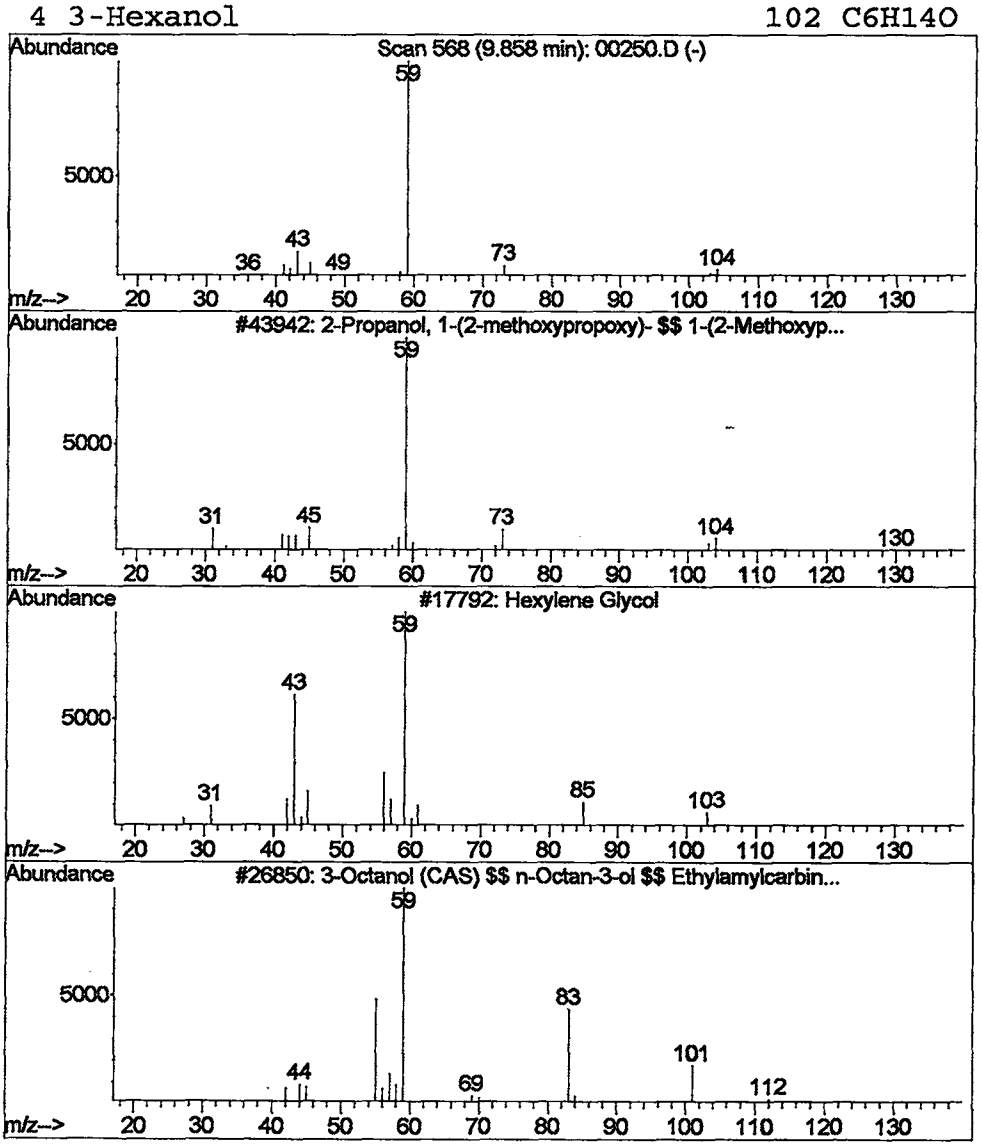
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

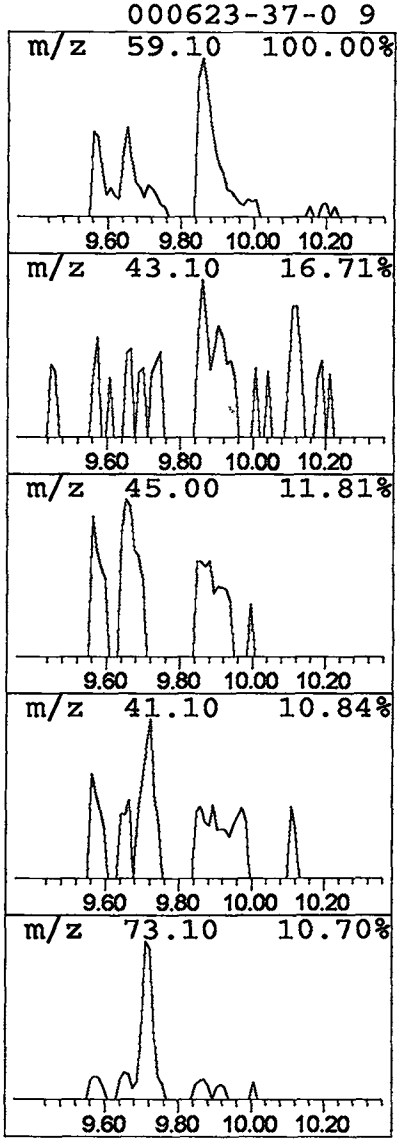
****

Peak Number 8 2-Propanol, 1-(2-methoxypro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	0.14 ug/L	69119	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	83
2	Hexylene Glycol	118	C6H14O2	000107-41-5	39
3	3-Octanol (CAS) $$ n-Octan-3-ol ...	130	C8H18O	000589-98-0	9
4	3-Hexanol	102	C6H14O	000623-37-0	9





Data File : C:\MSDCHEM\1\5973N\02JAN24\00250.D Vial: 6
Acq On : 24 Jan 2002 7:06 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

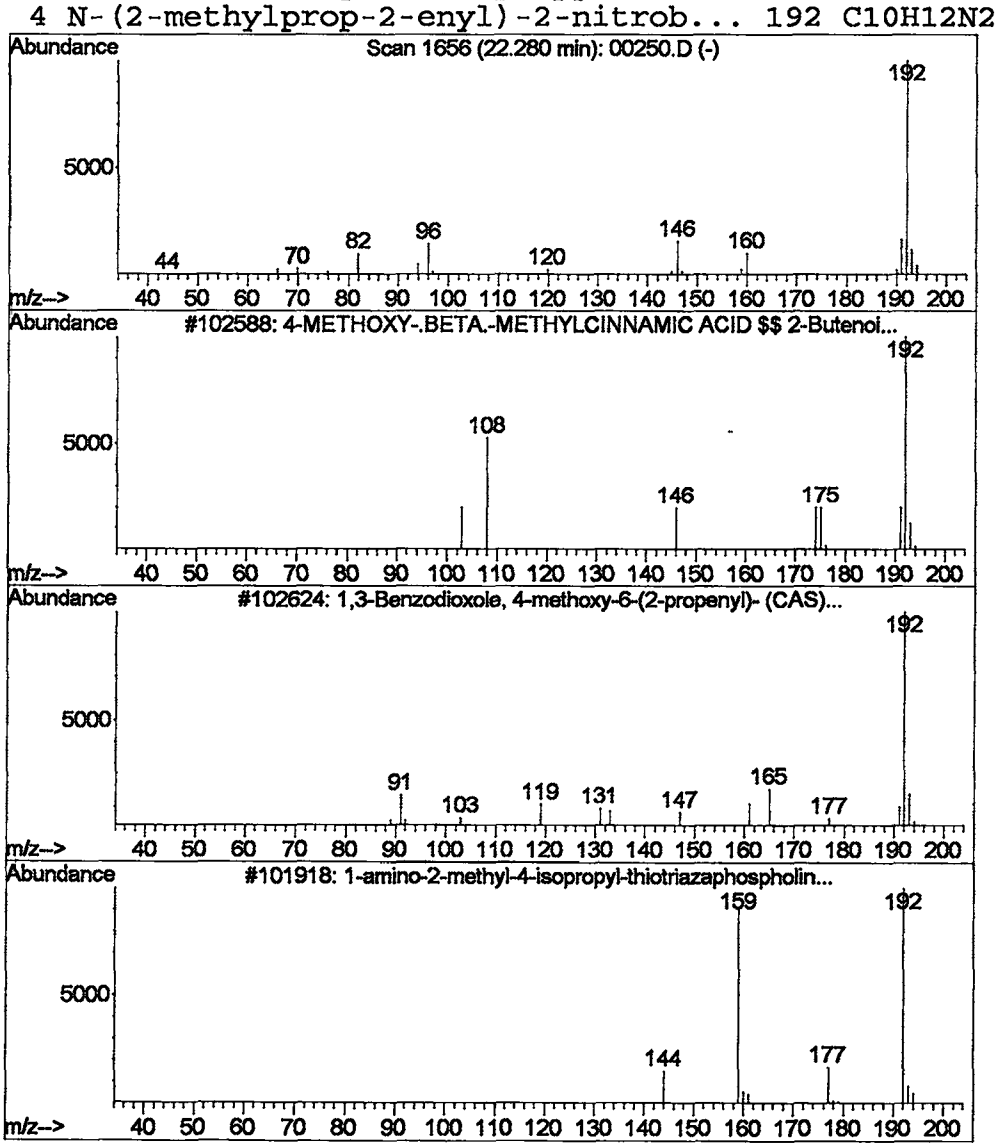
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

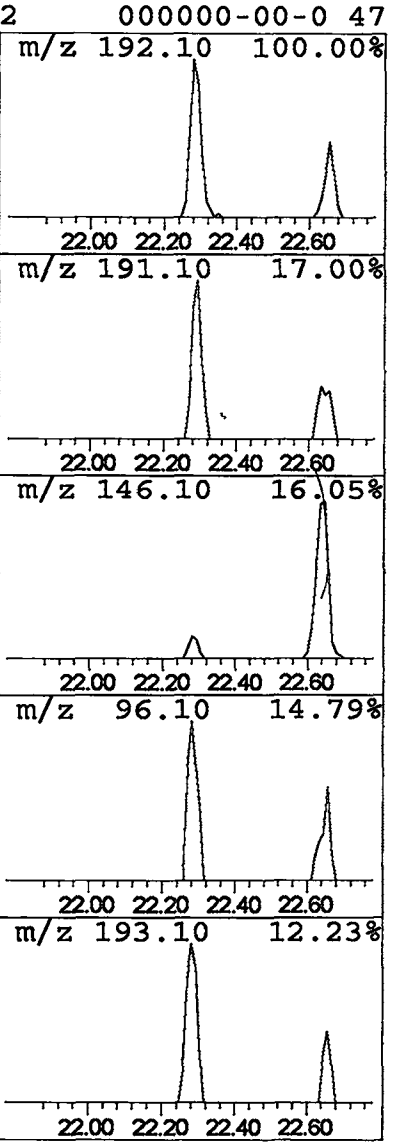
****

Peak Number 9 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.15 ug/L	111177	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
2	1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	53
3	1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50
4	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	47





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN24\00250.D Vial: 6
Acq On : 24 Jan 2002 7:06 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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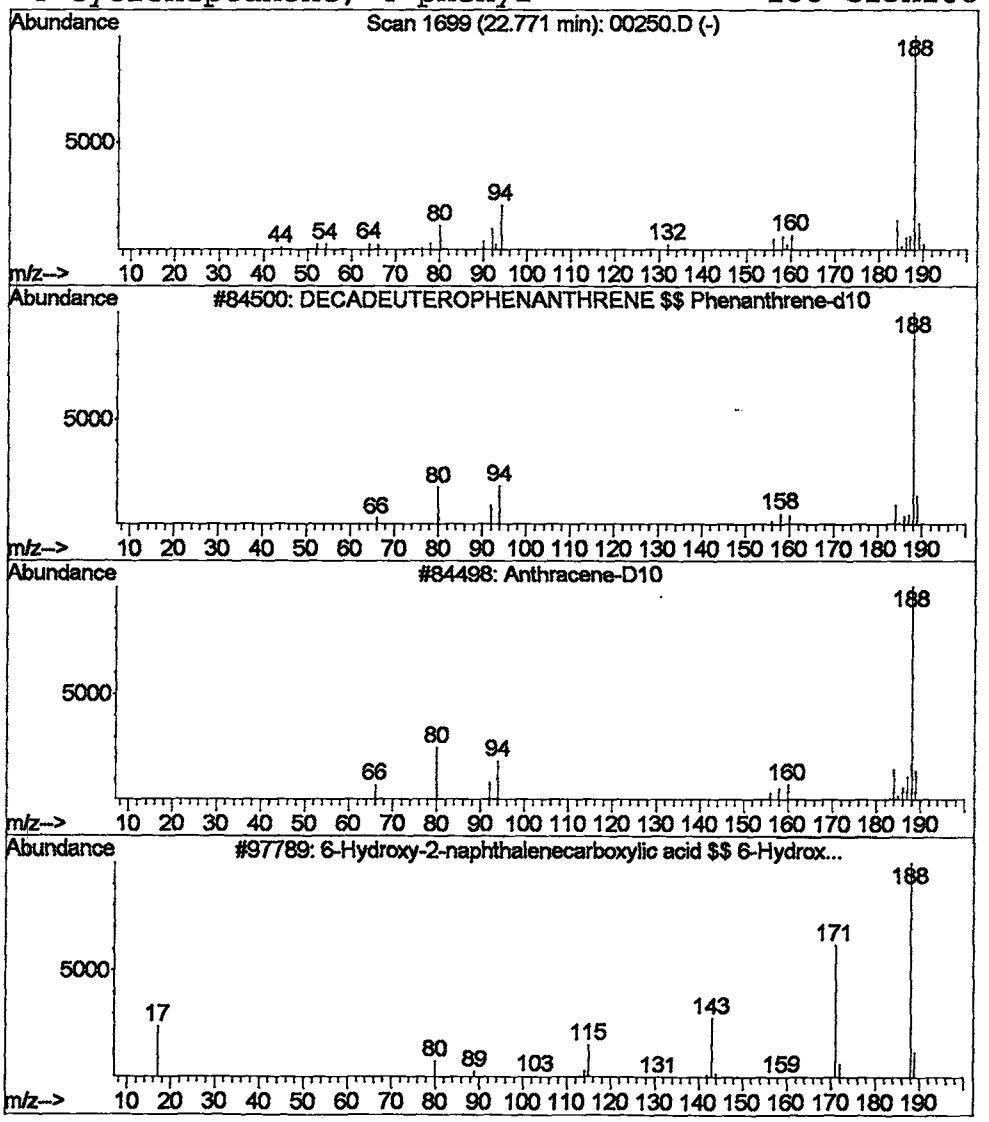
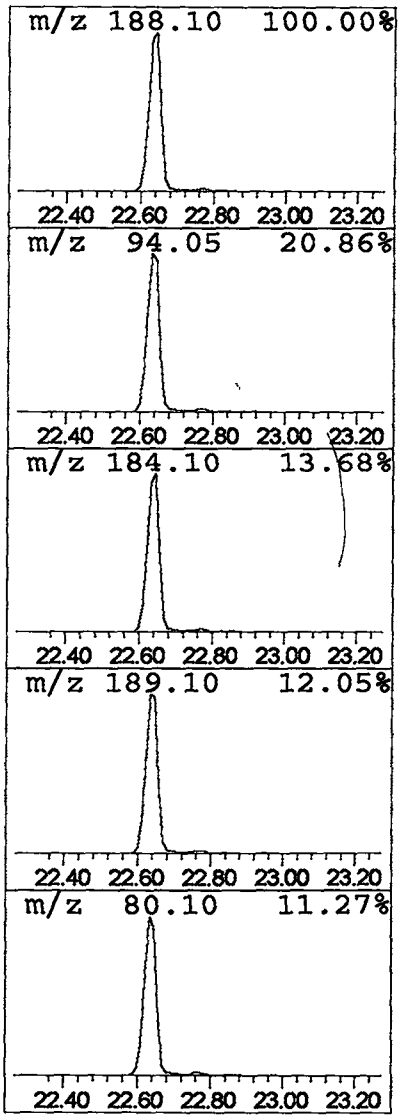
Peak Number 10 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.30 ug/L	226315	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	91
2	Anthracene-D10	188	C14D10	000000-00-0	86
3	6-Hydroxy-2-naphthalenecarboxyli...	188	C11H8O3	000000-00-0	47
4	Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	47





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN24\00250.D Vial: 6
Acq On : 24 Jan 2002 7:06 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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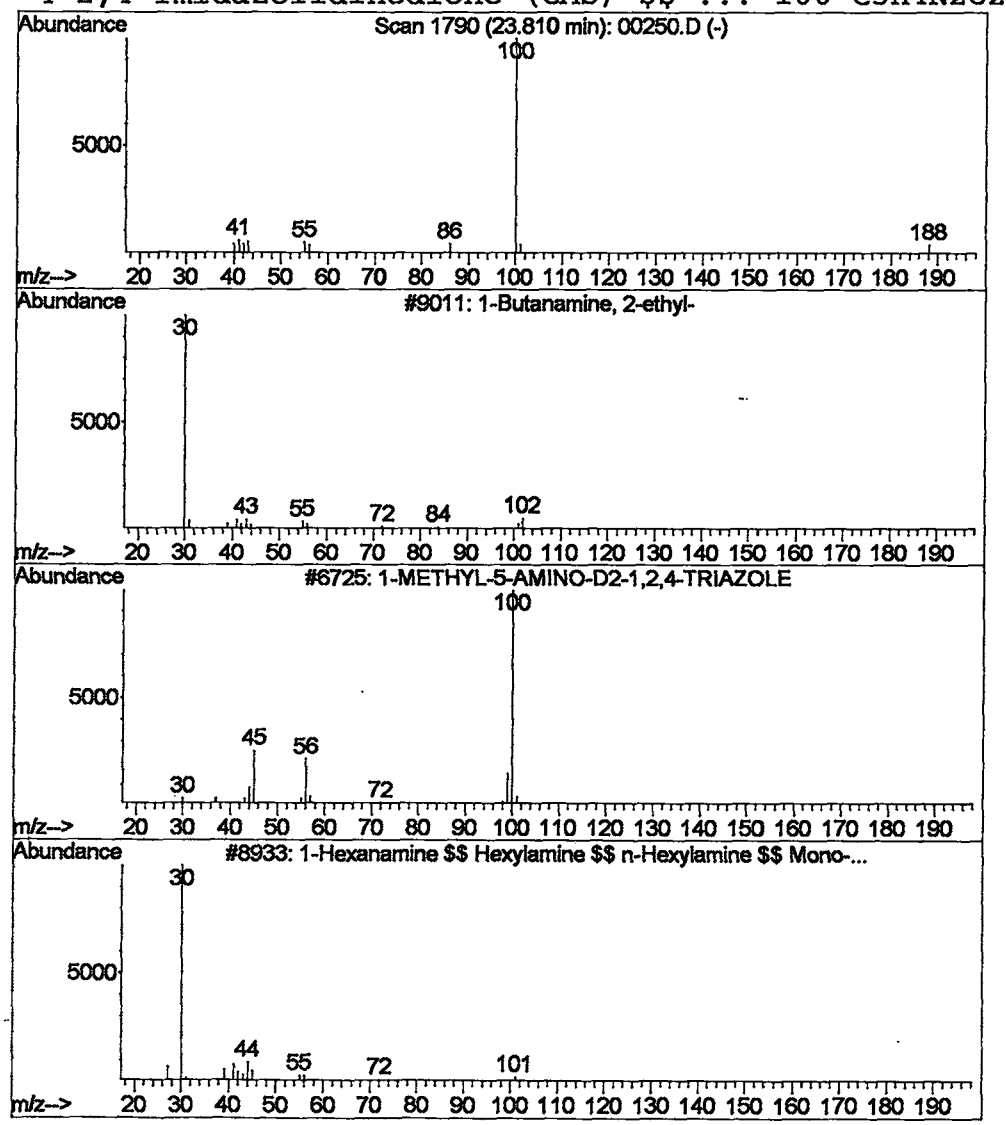
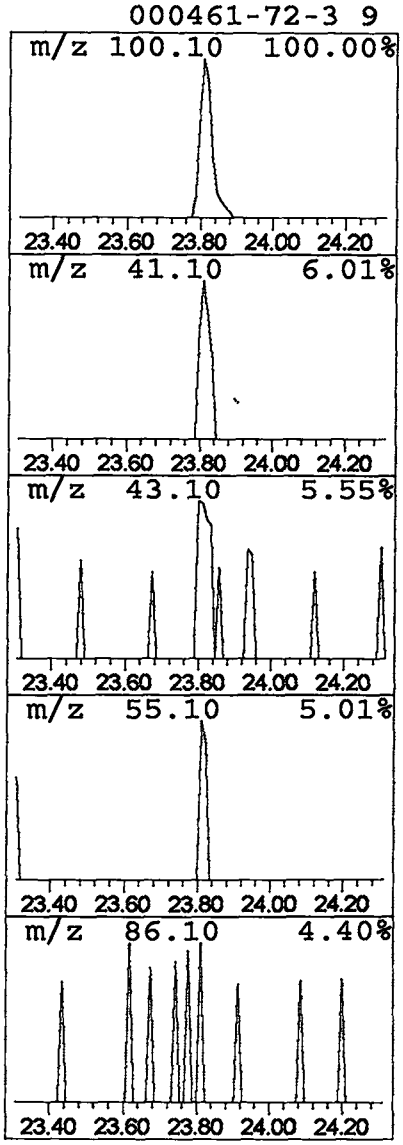
Peak Number 11 1-Butanamine, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	0.07 ug/L	52992	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanamine, 2-ethyl-	101	C6H15N	000000-00-0	9
2	1-METHYL-5-AMINO-D2-1,2,4-TRIAZOLE	100	C3H4D2N4	053778-60-2	9
3	1-Hexanamine $$ Hexylamine $$ n-...	101	C6H15N	000111-26-2	9
4	2,4-Imidazolidinedione (CAS) $$ ...	100	C3H4N2O2	000461-72-3	9

NO Good match





Data File : C:\MSDCHEM\1\5973N\02JAN24\00250.D Vial: 6
Acq On : 24 Jan 2002 7:06 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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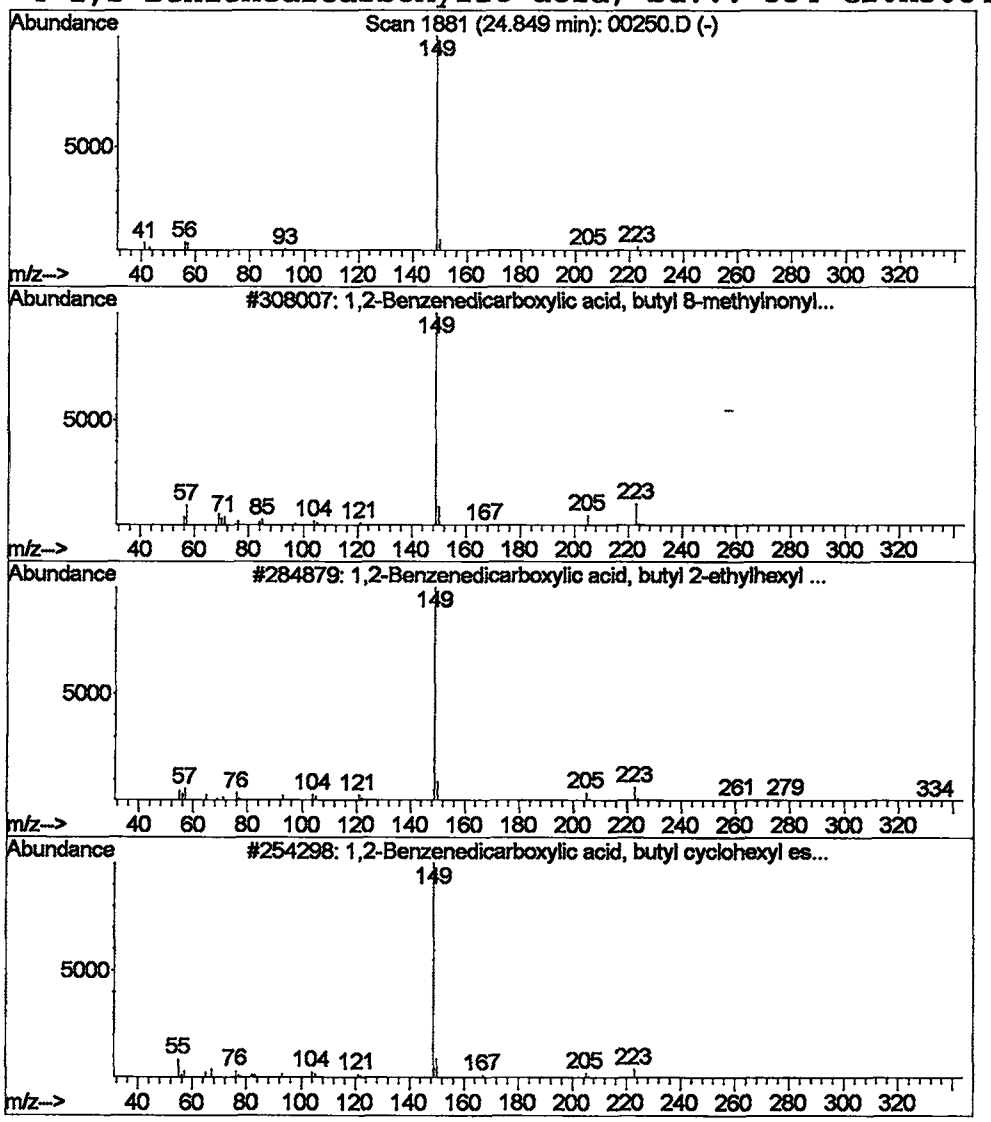
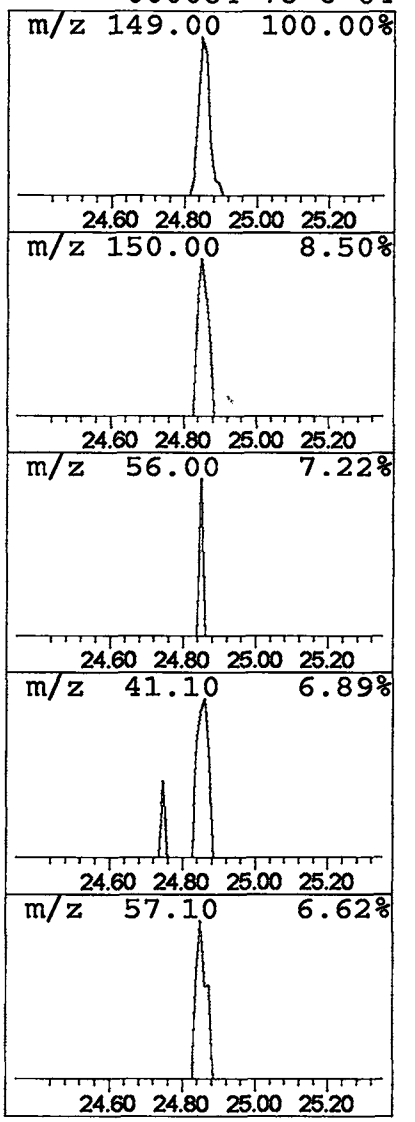
Peak Number 12 1,2-Benzenedicarboxylic aci... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.85	0.07 ug/L	49783	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	74
2	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	74
3	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	74
4	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	64





Operator ID: Date Acquired: 24 Jan 2002 7:06 pm
Data File: C:\MSDCHEM\1\5973N\02JAN24\00250.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...	3.61	0.1	ug/L	58909	1	9.72	9722760	20.0
3-Methyl-2,3-epox...	4.25	0.1	ug/L	71592	1	9.72	9722760	20.0
2-Buten-1-ol, 3-m...	4.63	0.2	ug/L	74420	1	9.72	9722760	20.0
2-Butenal, 3-meth...	4.84	0.2	ug/L	116554	1	9.72	9722760	20.0
3-Buten-2-ol, 2-m...	5.02	0.3	ug/L	148217	1	9.72	9722760	20.0
1,6-Heptadien-4-ol	5.71	0.2	ug/L	121071	1	9.72	9722760	20.0
3-(CYCLOHEX-3'-EN...	5.89	4.3	ug/L	2082890	1	9.72	9722760	20.0
2-Propanol, 1-(2-...	9.86	0.1	ug/L	69119	1	9.72	9722760	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	111177	4	22.65	15030500	20.0
DECADEUTEROPHENAN...	22.77	0.3	ug/L	226315	4	22.65	15030500	20.0
1-Butanamine, 2-e...	23.81	0.1	ug/L	52992	4	22.65	15030500	20.0
1,2-Benzenedicarb...	24.85	0.1	ug/L	49783	4	22.65	15030500	20.0