User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 09:40:59

Sample: AE00248
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 09:40 Ended: 1/28/02 09:40 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		5.0

Comments for Sample AE00248 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 09:41:09

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\00248.D Vial: 4
Acq On : 24 Jan 2002 5:27 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 25 10:22:08 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

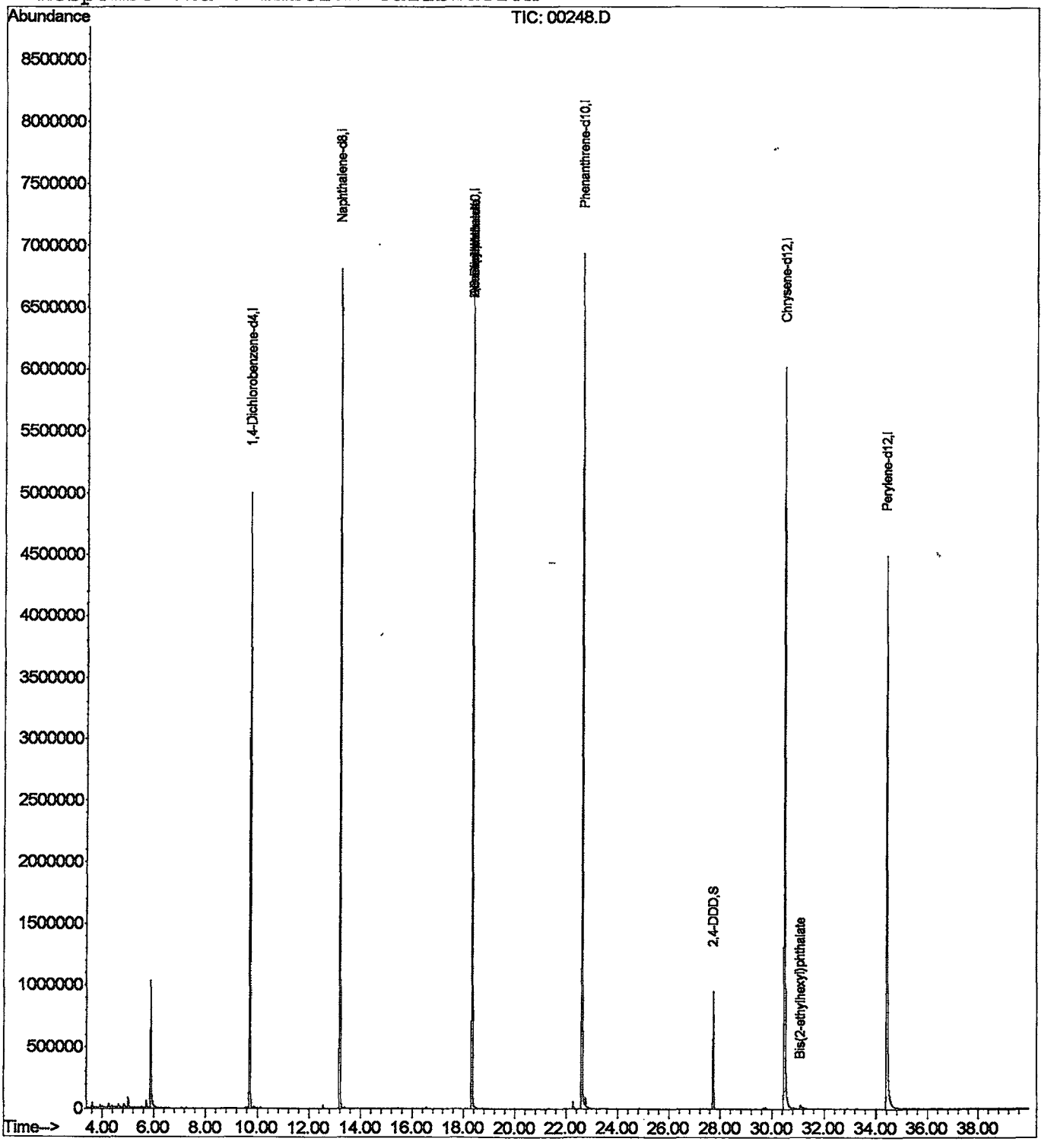
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.72	152	1756282	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	7321746	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3648129	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	5818787	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	4987106	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3660714	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	343477	3.73	ug/L	0.00
Spiked Amount 5.000			Recovery = 74.60%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	577440	2.40	ug/L #	57
21) 2,6-Dinitrotoluene	18.34	165	461941	9.83	ug/L #	17
42) Bis(2-ethylhexyl)phthalate	31.11	149	47437	0.74	ug/L	76

(#) = qualifier out of range (m) = manual integration
00248.D SCAN508.M Fri Jan 25 10:22:09 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN24\00248.D Vial: 4
Acq On : 24 Jan 2002 5:27 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\00248.D Vial: 4
Acq On : 24 Jan 2002 5:27 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

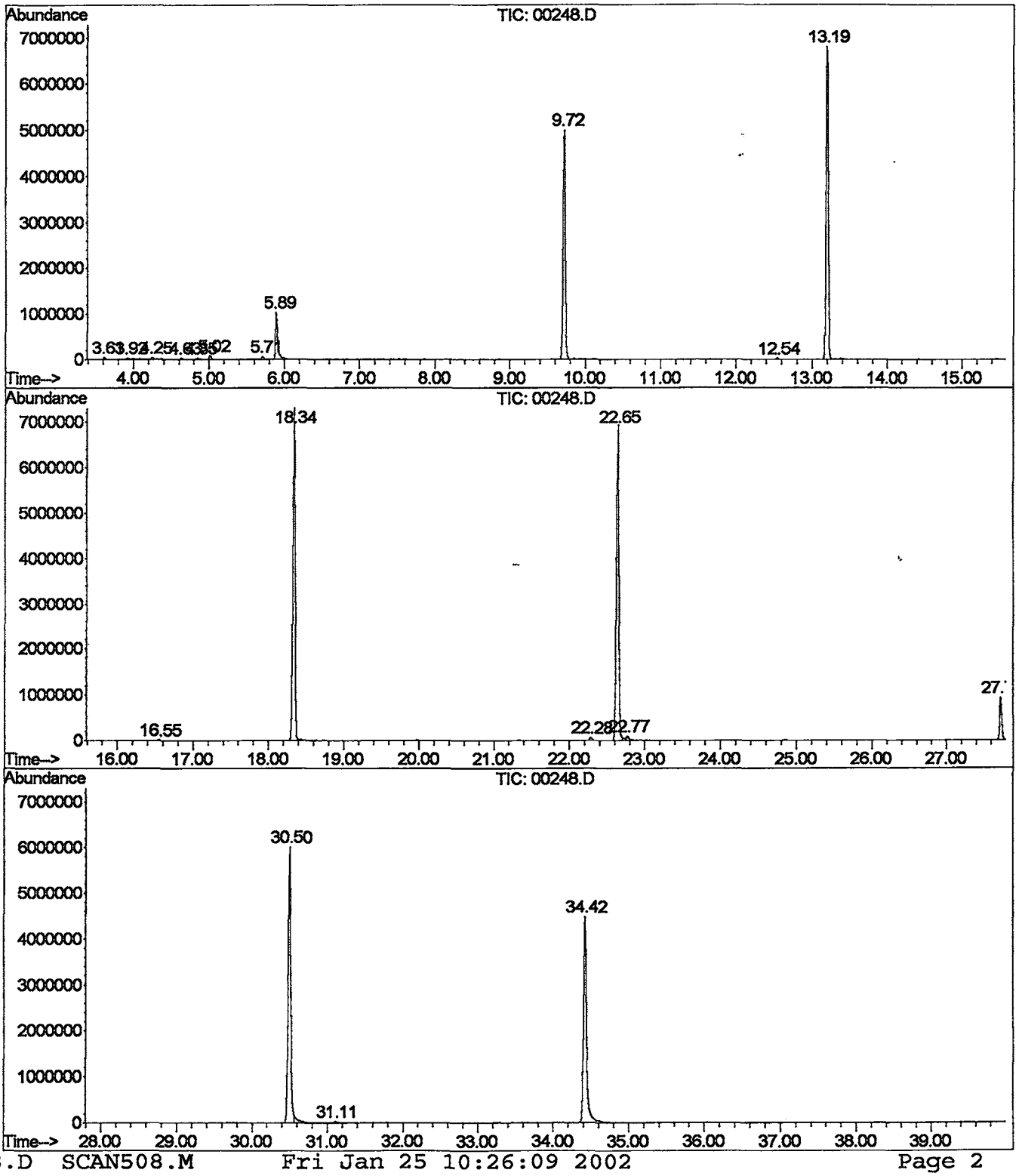
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.614	17	21	25	rBV	44460	62064	0.40%	0.072%
2	3.922	45	48	53	rVB2	20829	32465	0.21%	0.038%
3	4.253	73	77	81	rBV	31548	60283	0.39%	0.070%
4	4.630	107	110	123	rVB3	24680	50719	0.33%	0.059%
5	4.847	123	129	141	rVB2	28859	75814	0.49%	0.088%
6	5.018	141	144	149	rBV	81658	144960	0.94%	0.168%
7	5.714	201	205	209	rVB	60592	93791	0.61%	0.109%
8	5.885	217	220	253	rVB	1030717	2115814	13.69%	2.455%
9	9.722	551	556	561	rBV	4997271	9974998	64.56%	11.572%
10	12.542	799	803	807	rBV	28844	47808	0.31%	0.055%
11	13.192	855	860	865	rBV	6808469	14127656	91.44%	16.389%
12	16.549	1149	1154	1159	rVV	15919	33277	0.22%	0.039%
13	18.341	1305	1311	1315	rBV	7302809	14825463	95.96%	17.199%
14	22.280	1653	1656	1661	rBV2	63237	121442	0.79%	0.141%
15	22.646	1681	1688	1693	rBV2	6931752	15450271	100.00%	17.924%
16	22.771	1697	1699	1717	rVV	95117	270267	1.75%	0.314%
17	27.726	2127	2133	2139	rBV	947583	1744116	11.29%	2.023%
18	30.500	2369	2376	2381	rBV	6011361	14420720	93.34%	16.729%
19	31.105	2421	2429	2439	rBV4	31975	133934	0.87%	0.155%
20	34.416	2713	2719	2749	rBV	4486985	12414596	80.35%	14.402%

Sum of corrected areas: 86200458

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN24\00248.D
Operator :
Acquired : 24 Jan 2002 5:27 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508scan
Misc Info : January 24, 2002
Vial Number: 4
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN24\00248.D Vial: 4
Acq On : 24 Jan 2002 5:27 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

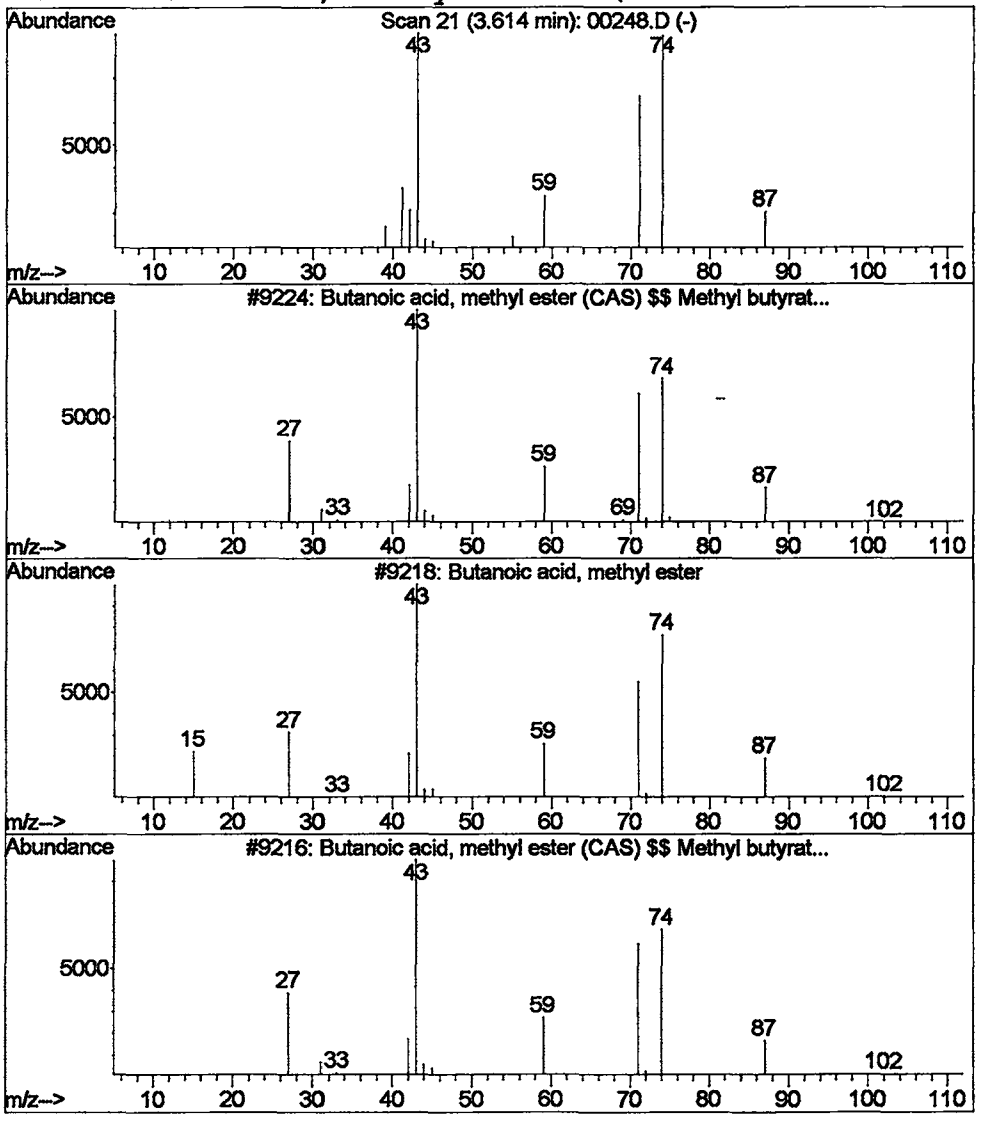
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

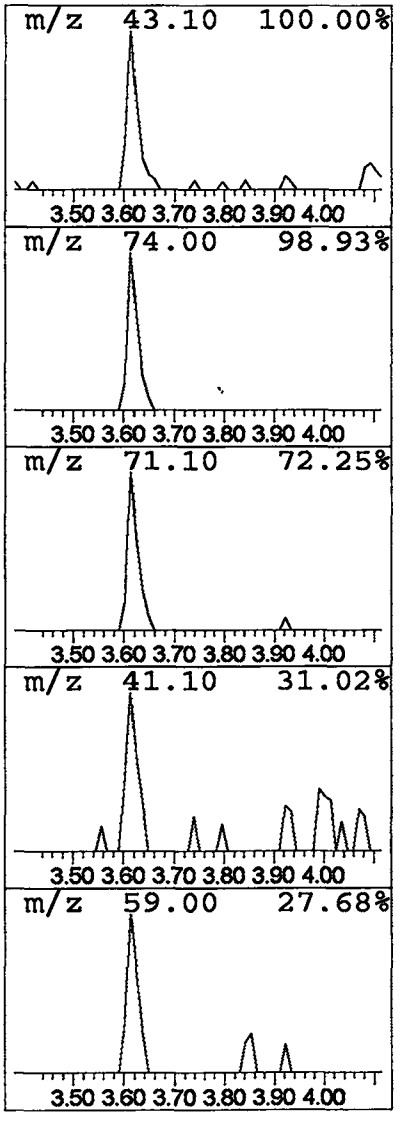
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.12 ug/L	62064	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	83
3	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
4	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN24\00248.D Vial: 4
Acq On : 24 Jan 2002 5:27 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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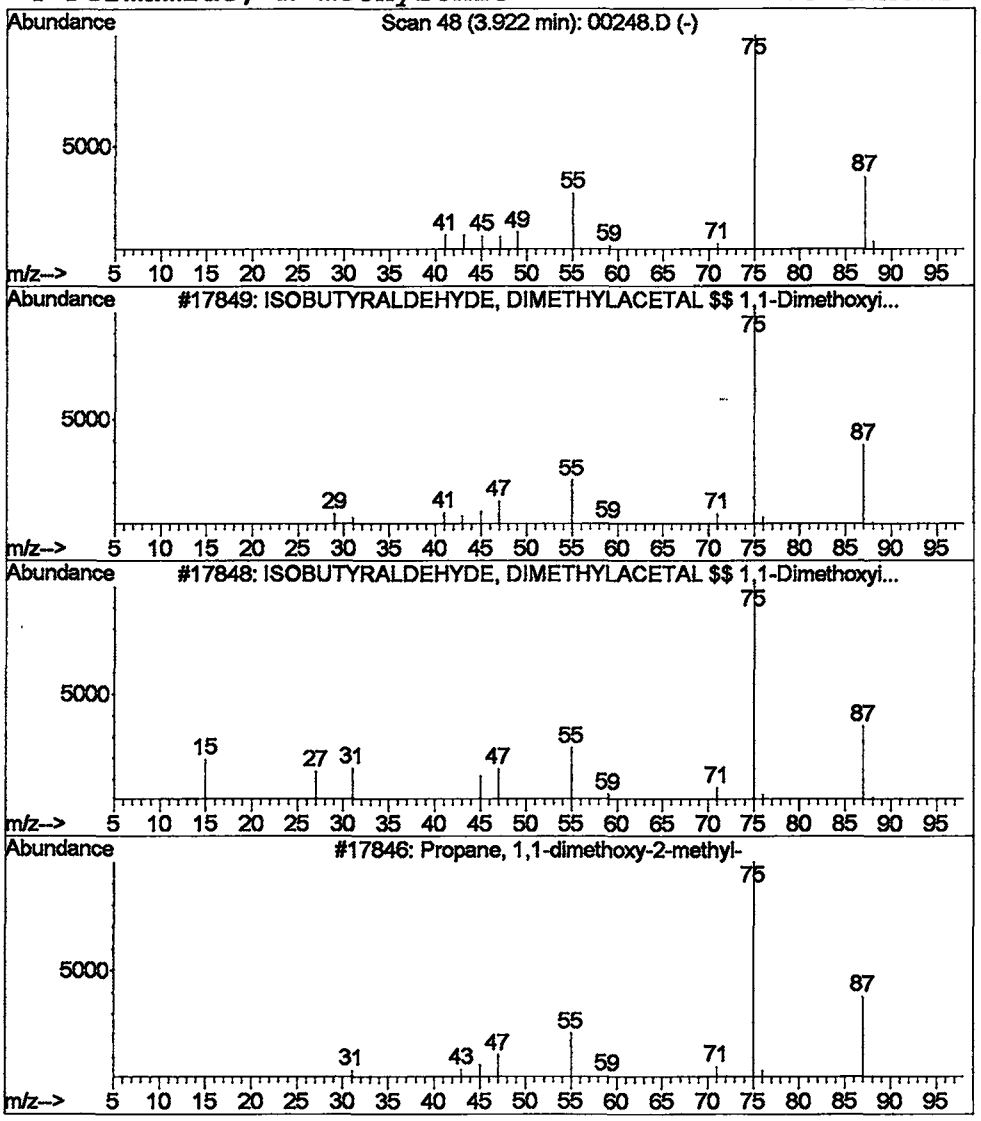
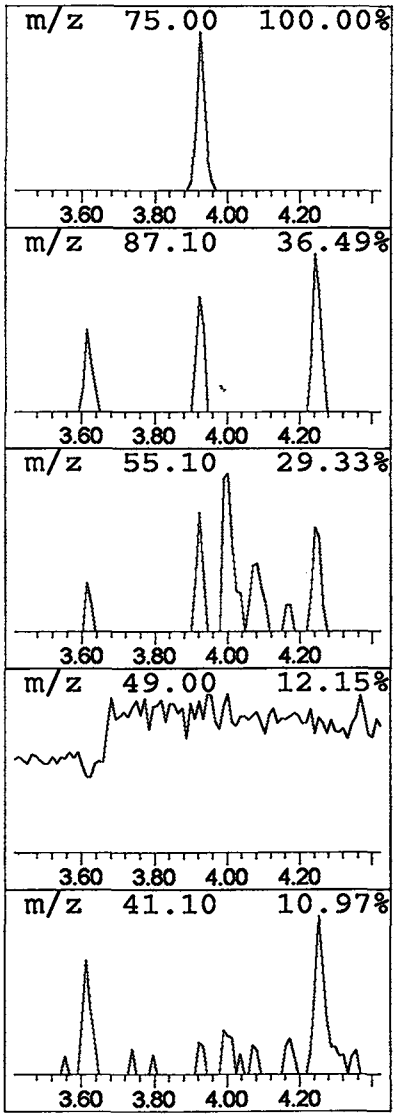
Peak Number 2 ISOBUTYRALDEHYDE, DIMETHYLA... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	0.07 ug/L	32465	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	56
2	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	56
3	Propane, 1,1-dimethoxy-2-methyl-	118	C6H14O2	041632-89-7	56
4	Formamide, N-methylthio	75	C2H5NS	000000-00-0	7





Library Search Compound Report

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Acq On : 24 Jan 2002 5:27 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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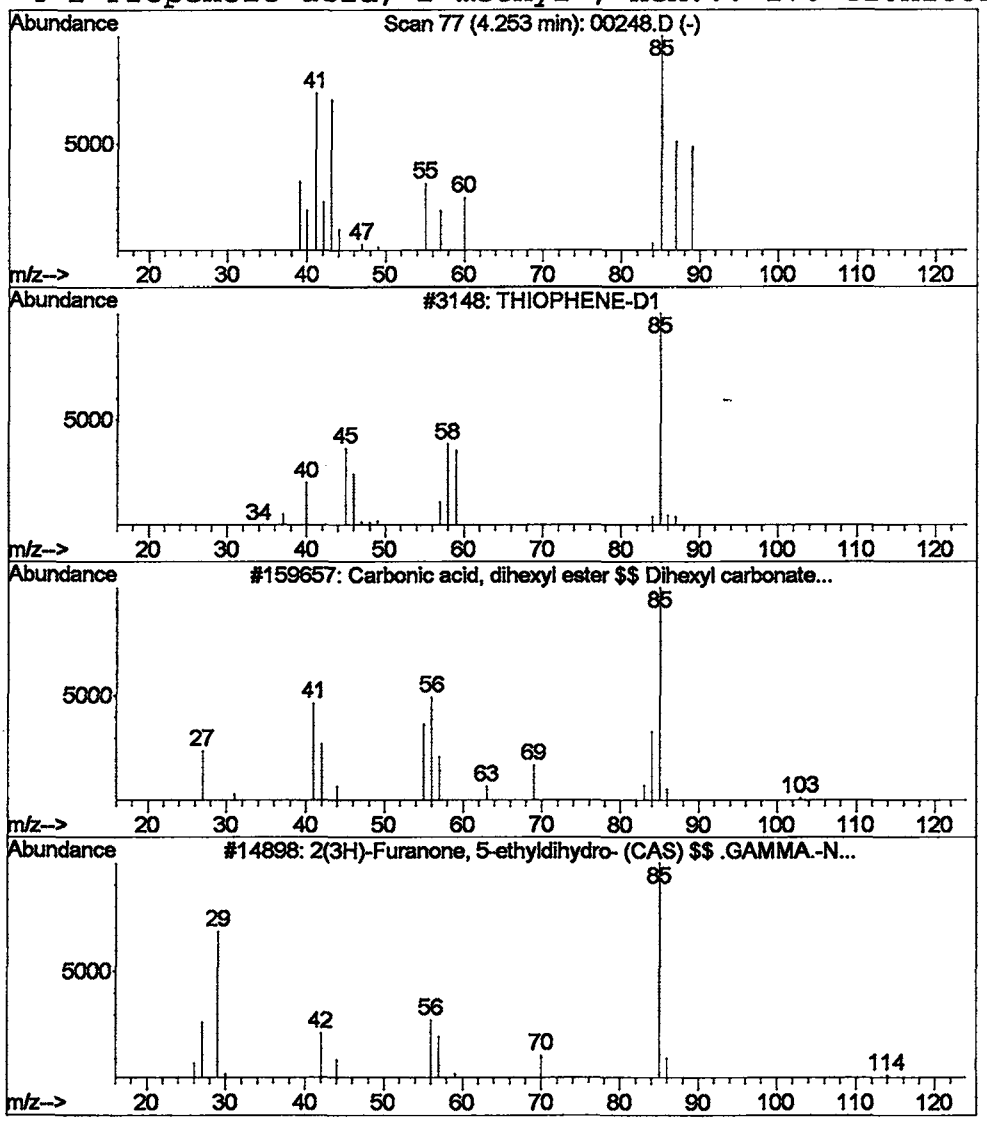
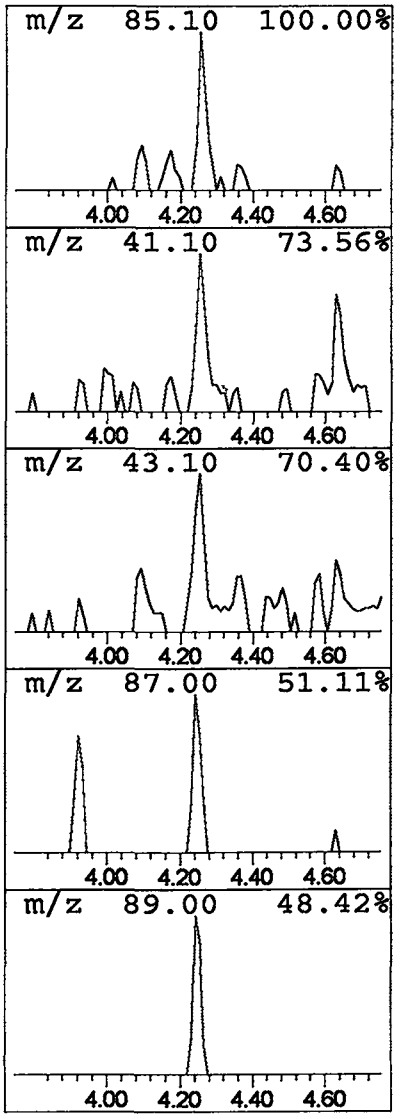
Peak Number 3 THIOPHENE-D1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	0.12 ug/L	60283	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	THIOPHENE-D1	85	C4H3DS	000000-00-0	35
2	Carbonic acid, dihexyl ester $$ ...	230	C13H26O3	007523-15-1	23
3	2(3H)-Furanone, 5-ethyldihydro- ...	114	C6H10O2	000695-06-7	9
4	2-Propenoic acid, 2-methyl-, hex...	170	C10H18O2	000142-09-6	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN24\00248.D Vial: 4
Acq On : 24 Jan 2002 5:27 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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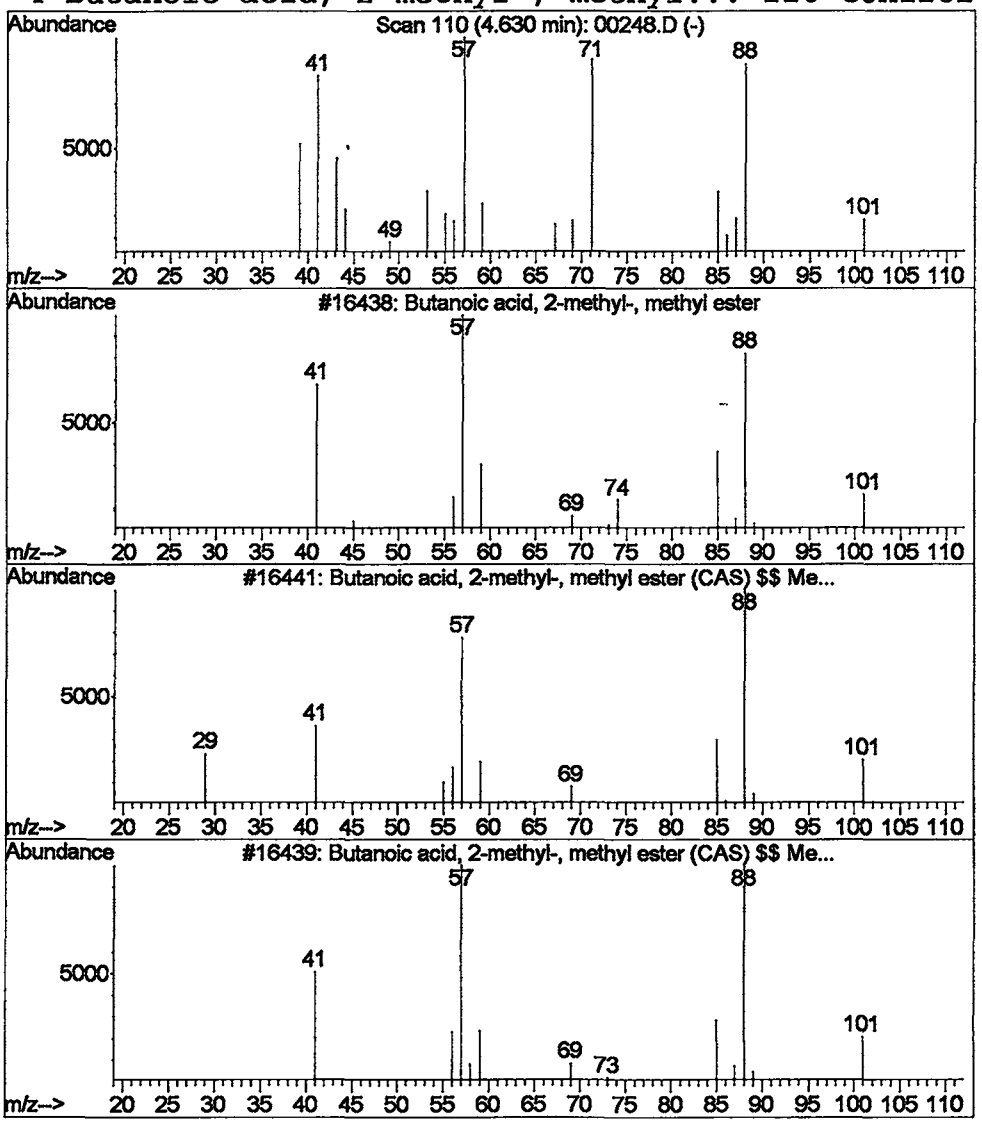
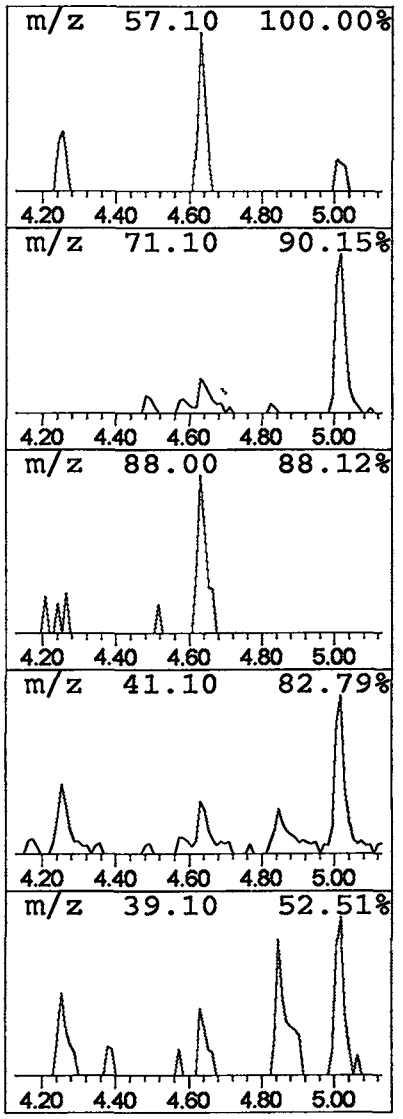
Peak Number 4 Butanoic acid, 2-methyl-, m... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	0.10 ug/L	50719	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	43
2	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	37
3	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	37
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	053955-81-0	37





Data File : C:\MSDCHEM\1\5973N\02JAN24\00248.D Vial: 4
Acq On : 24 Jan 2002 5:27 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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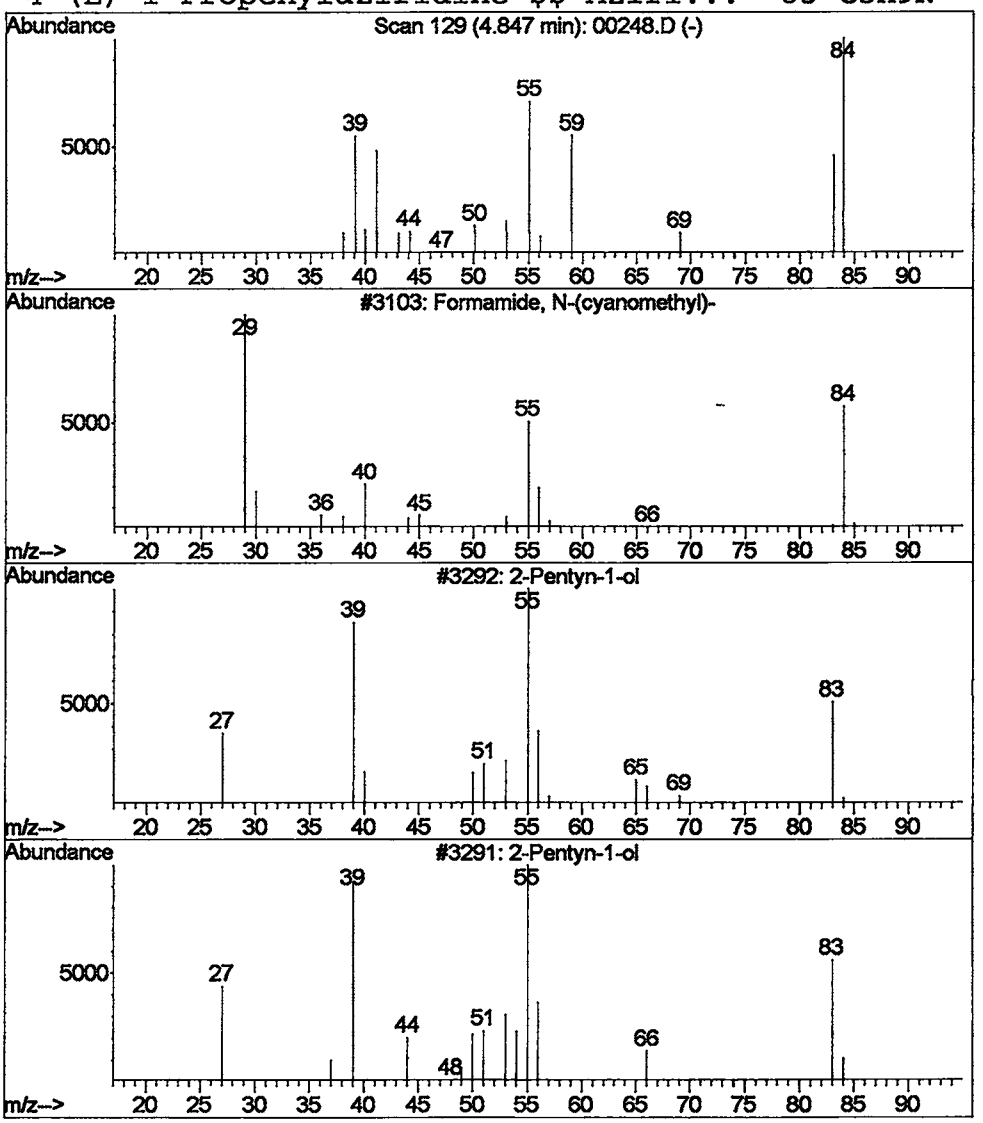
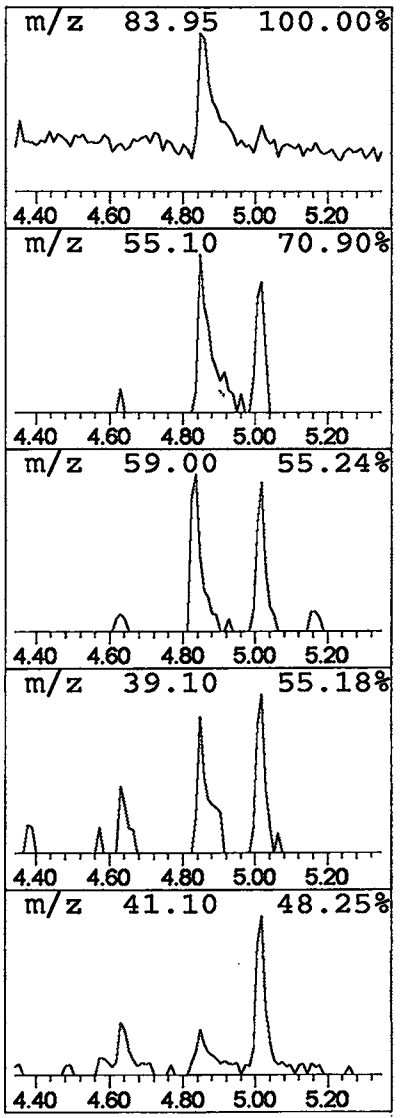
Peak Number 5 Formamide, N-(cyanomethyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	0.15 ug/L	75814	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N-(cyanomethyl)-	84	C3H4N2O	005018-27-9	17
2	2-Pentyn-1-ol	84	C5H8O	006261-22-9	16
3	2-Pentyn-1-ol	84	C5H8O	006261-22-9	12
4	(E)-1-Propenylaziridine $$ Aziri...	83	C5H9N	080839-91-4	9





Library Search Compound Report

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Acq On : 24 Jan 2002 5:27 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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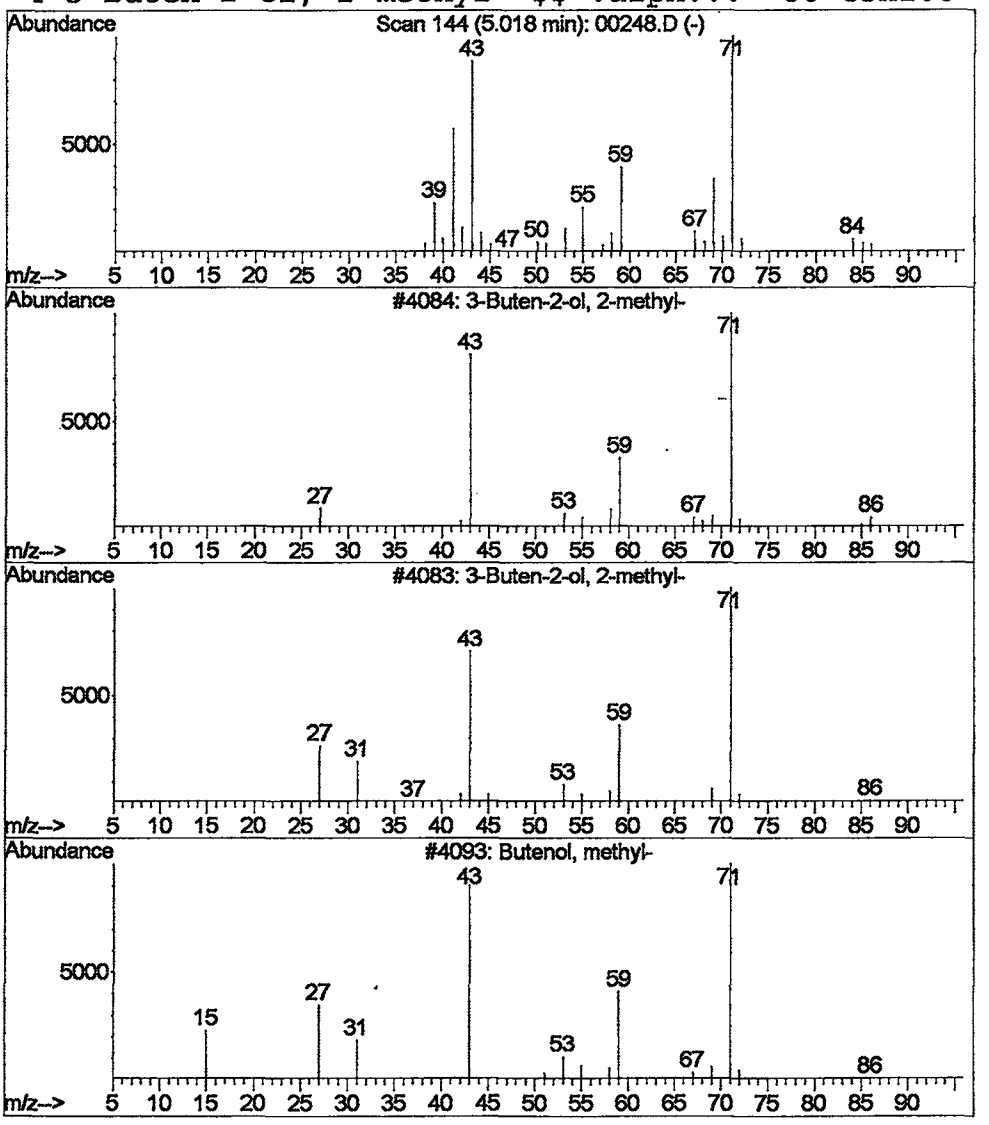
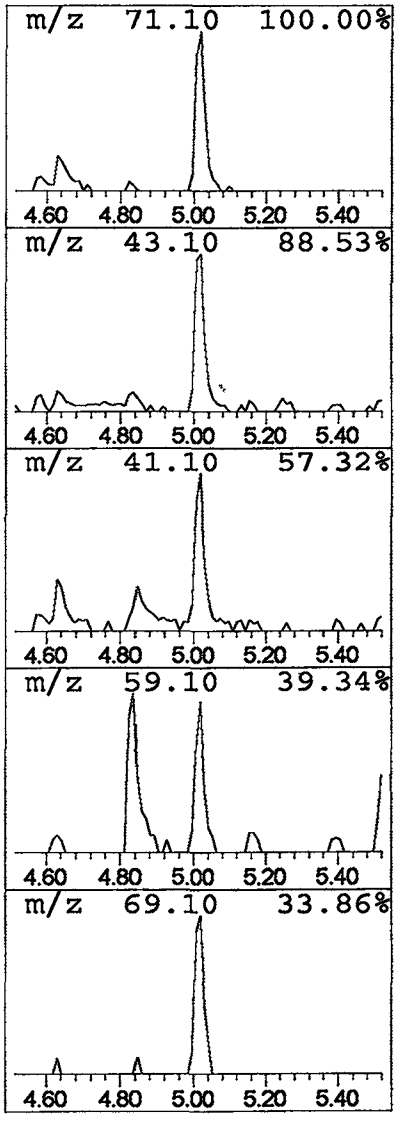
Peak Number 6 3-Buten-2-ol, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	0.29 ug/L	144960	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	78
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	72
3	Butenol, methyl-	86	C5H10O	060766-00-9	64
4	3-Buten-2-ol, 2-methyl- $$ .alph...	86	C5H10O	000115-18-4	56





Library Search Compound Report

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Acq On : 24 Jan 2002 5:27 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

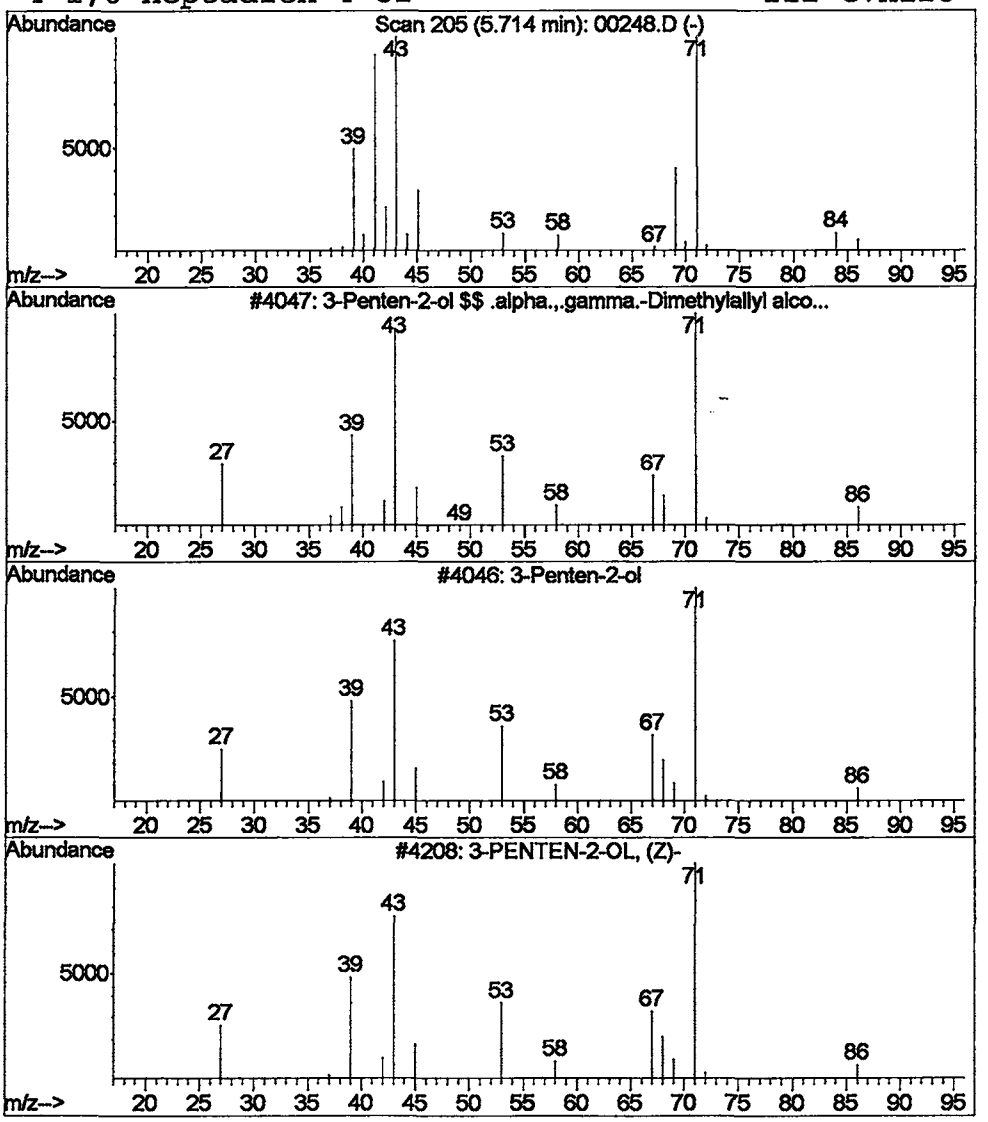
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

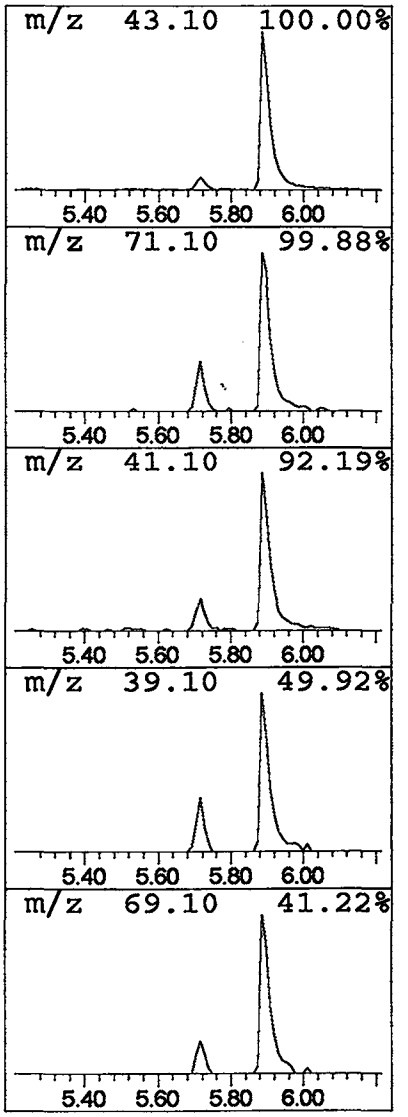
****

Peak Number 7 3-Penten-2-ol $$ .alpha.,.g... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	0.19 ug/L	93791	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-ol $$ .alpha.,.gamma....	86	C5H10O	001569-50-2	64
2	3-Penten-2-ol	86	C5H10O	001569-50-2	64
3	3-PENTEN-2-OL, (Z)-	86	C5H10O	024652-50-4	64
4	1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	59





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Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

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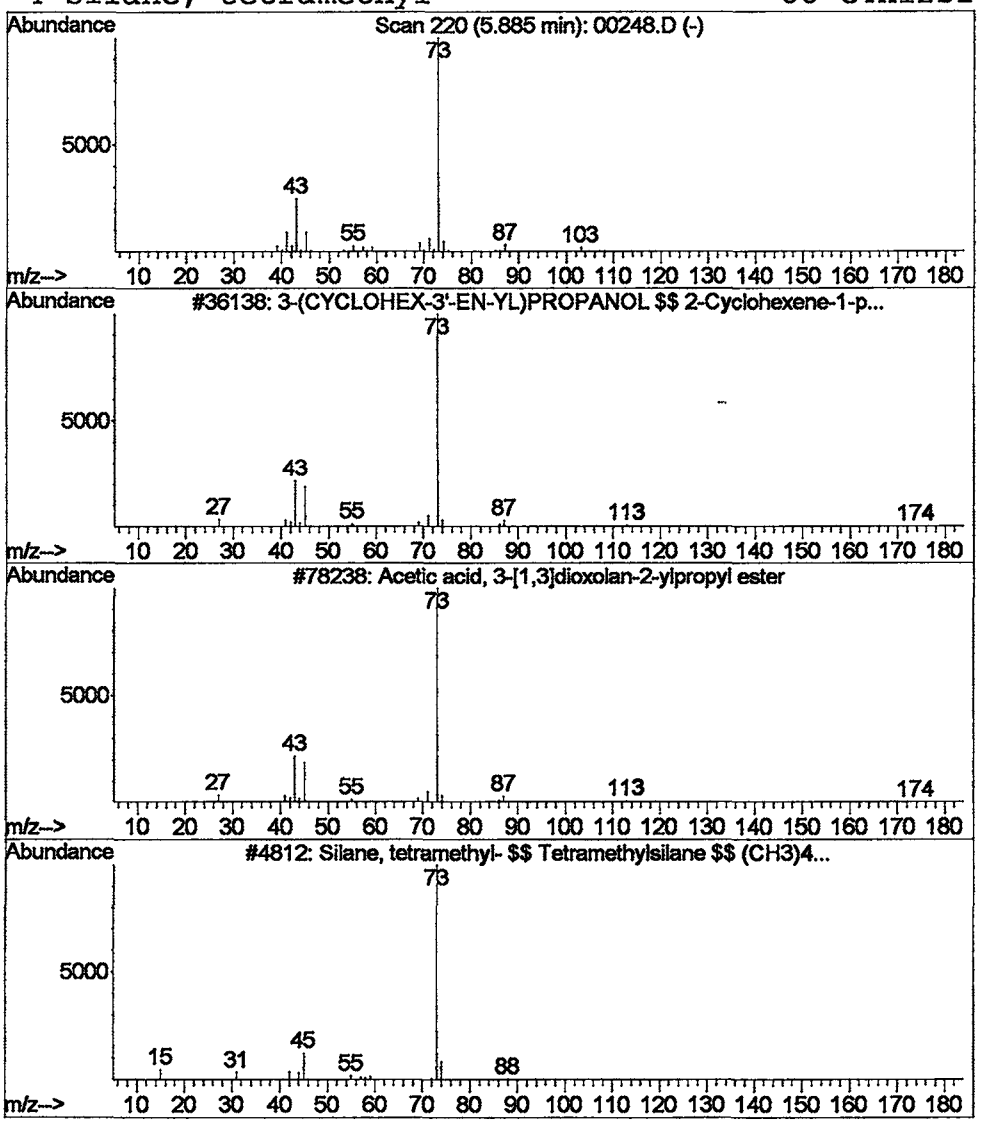
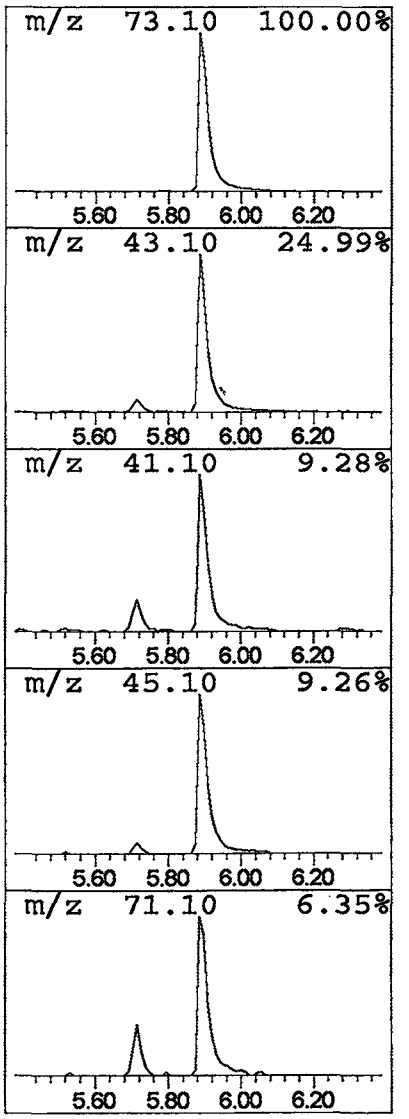
Peak Number 8 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.24 ug/L	2115810	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	9





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Acq On : 24 Jan 2002 5:27 pm Operator:
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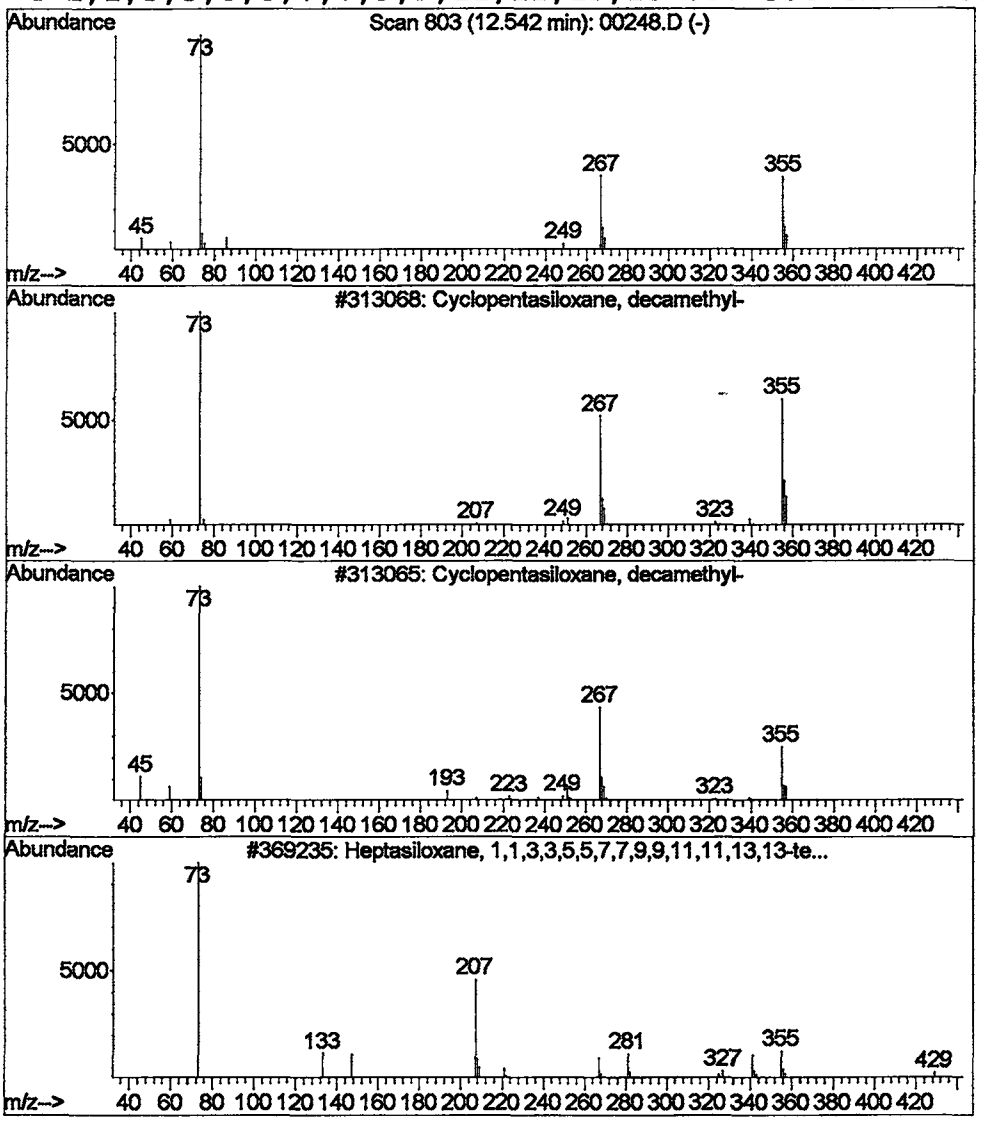
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

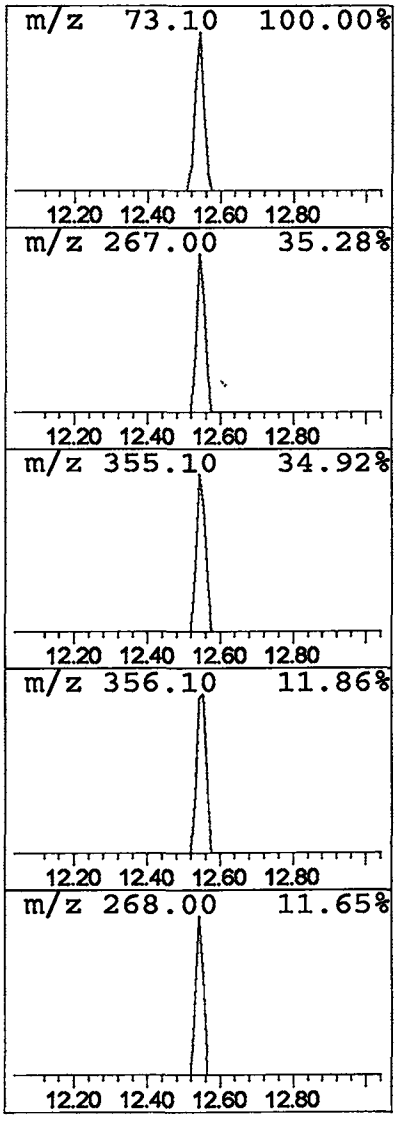
****

Peak Number 9 Cyclopentasiloxane, decamet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.07 ug/L	47808	Naphthalene-d8	13.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
3	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	33
4	1,1,3,3,5,5,7,7,9,9,11,11,13,13-...	504	C14H44O6Si7	000000-00-0	33





Library Search Compound Report

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Acq On : 24 Jan 2002 5:27 pm Operator:
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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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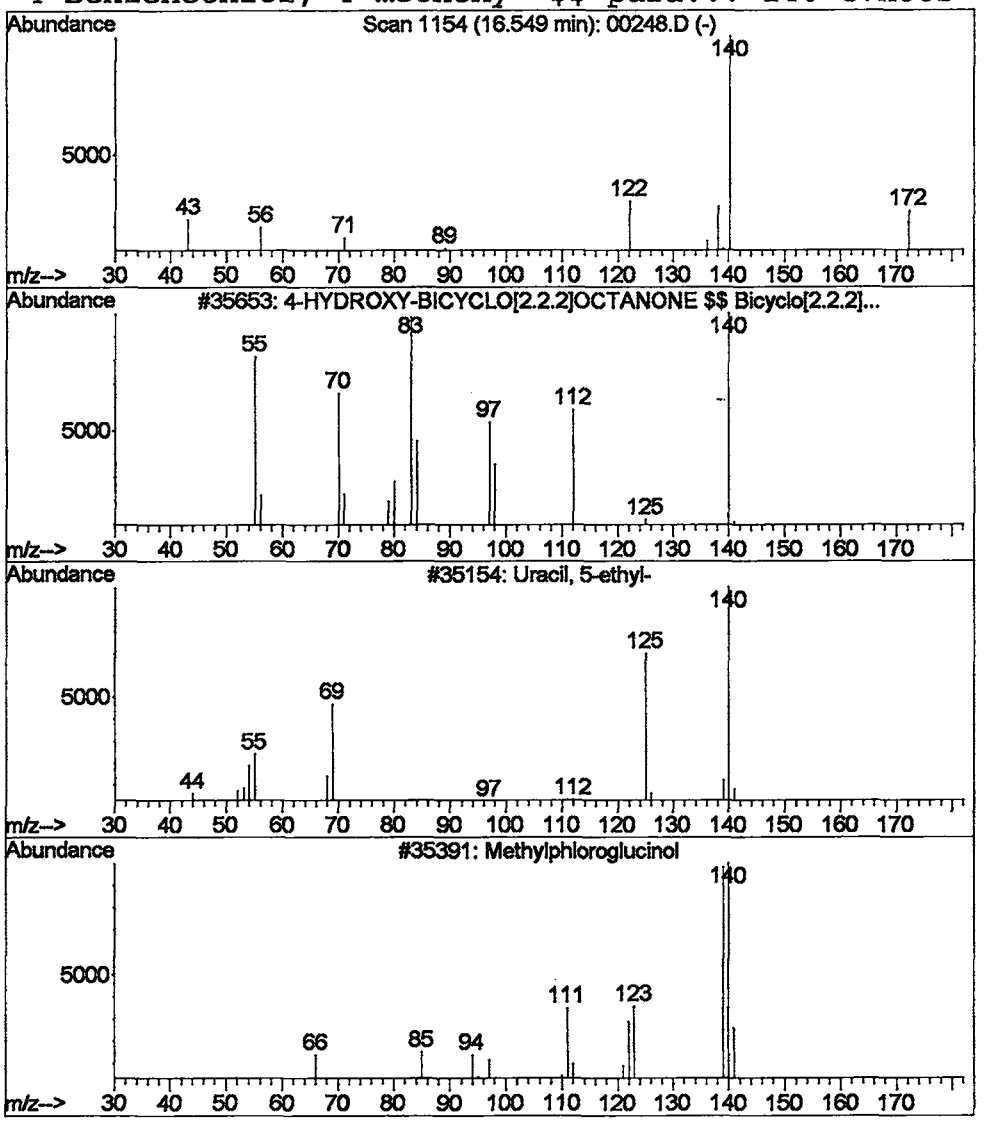
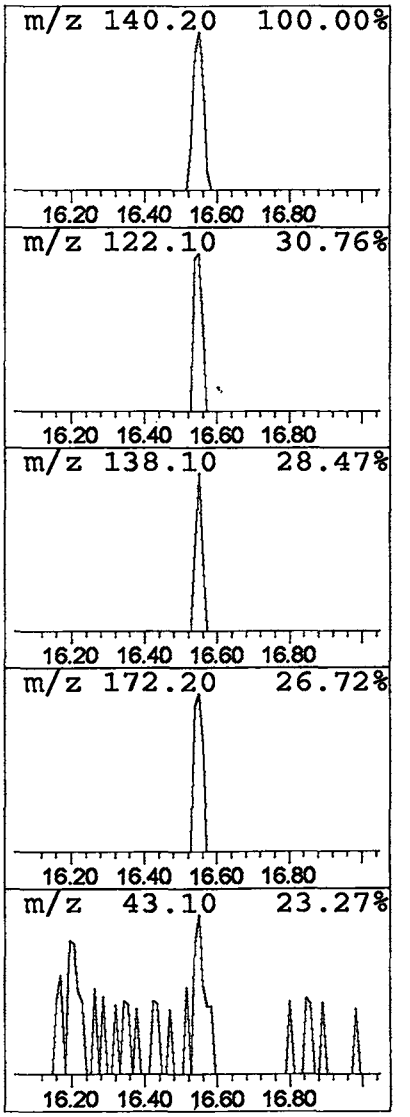
Peak Number 10 4-HYDROXY-BICYCLO[2.2.2]OCT... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	0.04 ug/L	33277	Acenaphthene-d10	18.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-HYDROXY-BICYCLO[2.2.2]OCTANONE...	140	C8H12O2	066348-59-2	9
2	Uracil, 5-ethyl-	140	C6H8N2O2	004212-49-1	7
3	Methylphloroglucinol	140	C7H8O3	000000-00-0	5
4	Benzenethiol, 4-methoxy- $$ para...	140	C7H8OS	000696-63-9	4

NO GOOD MATCH





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN24\00248.D Vial: 4
Acq On : 24 Jan 2002 5:27 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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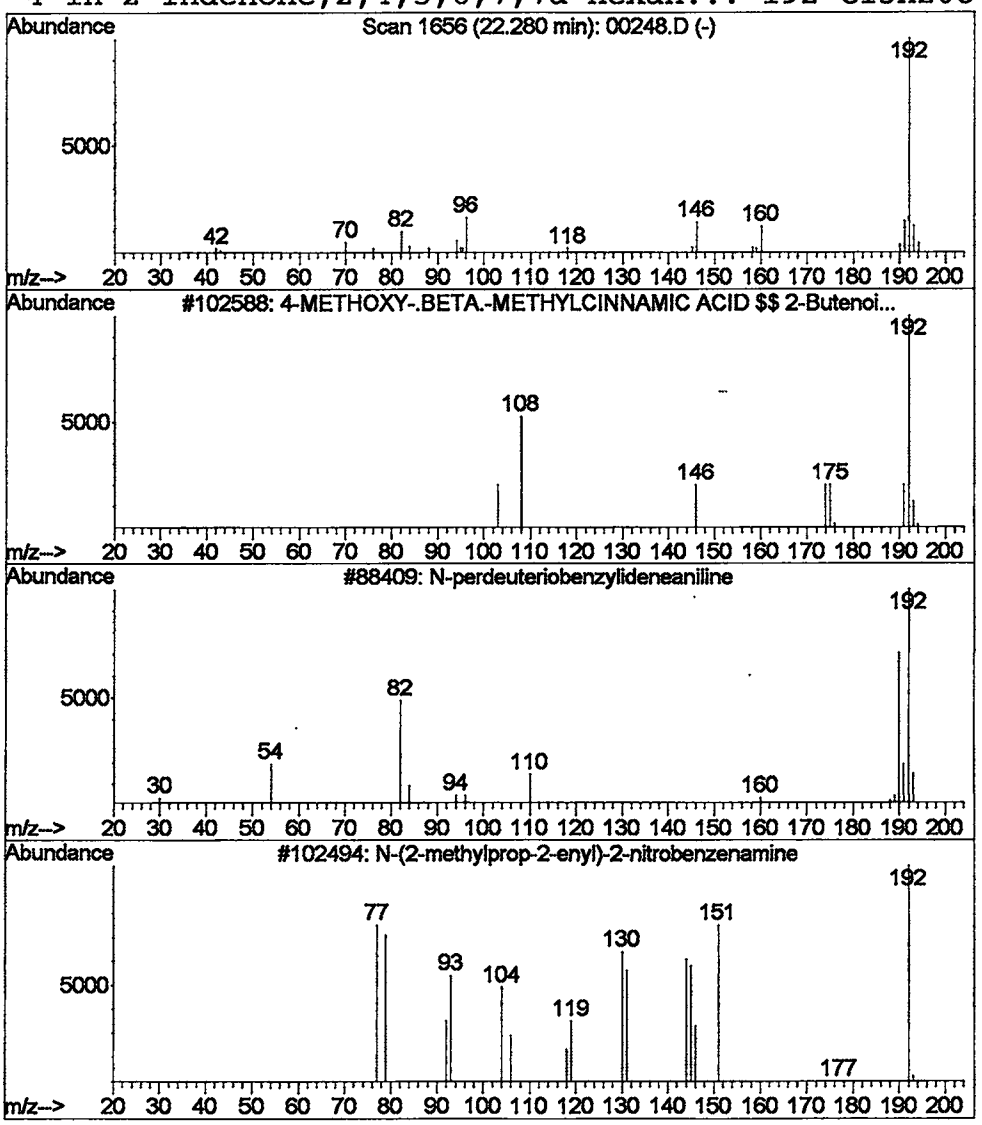
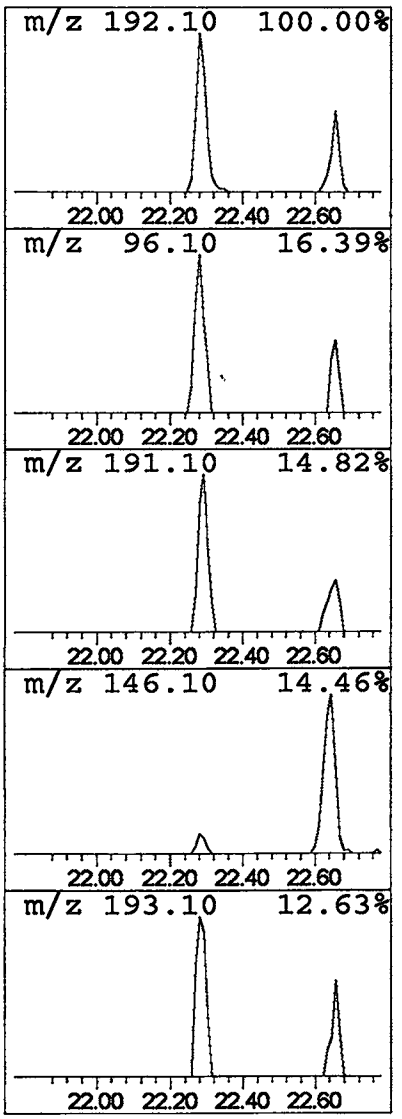
Peak Number 11 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.16 ug/L	121442	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	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	52
3	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	49
4	1H-2-Indenone,2,4,5,6,7,7a-hexah...	192	C13H20O	000000-00-0	42





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN24\00248.D Vial: 4
Acq On : 24 Jan 2002 5:27 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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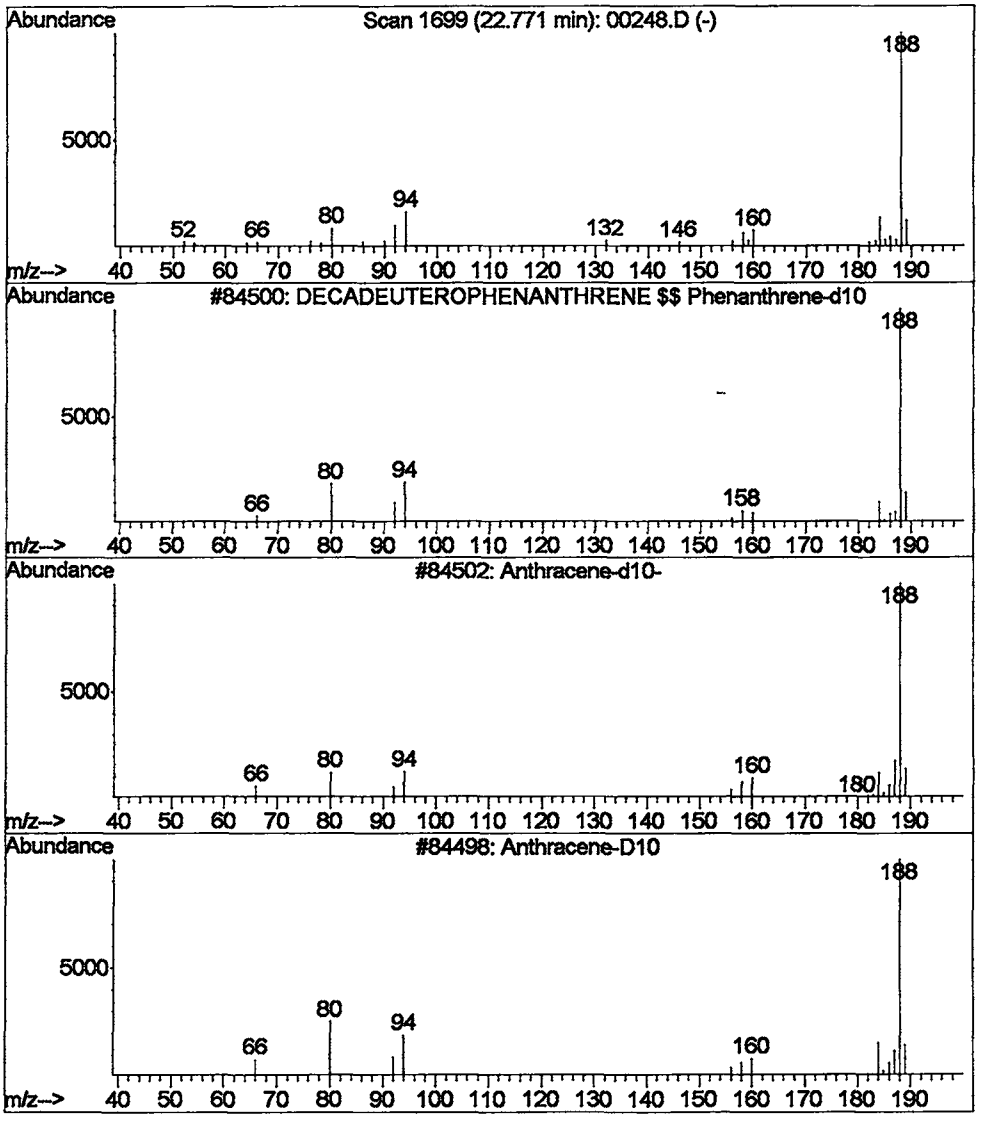
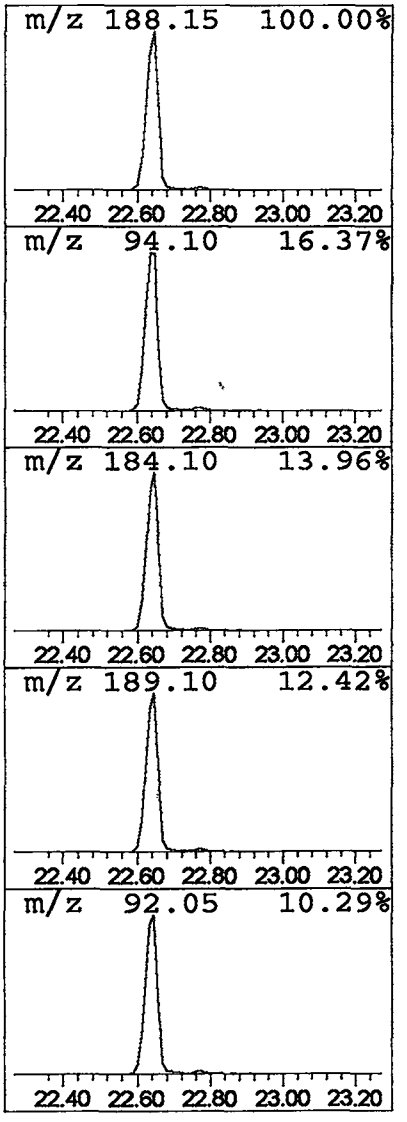
Peak Number 12 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.35 ug/L	270267	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	90
2	Anthracene-d10-	188	C14D10	001719-06-8	87
3	Anthracene-D10	188	C14D10	000000-00-0	83
4	Phenanthrene-d10	188	C14D10	001517-22-2	78





Tentatively Identified Compound (TIC) summary

Operator ID: Date Acquired: 24 Jan 2002 5:27 pm
Data File: C:\MSDCHEM\1\5973N\02JAN24\00248.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	62064	1	9.72	9975000	20.0
ISOBUTYRALDEHYDE,...	3.92	0.1	ug/L	32465	1	9.72	9975000	20.0
THIOPHENE-D1	4.25	0.1	ug/L	60283	1	9.72	9975000	20.0
Butanoic acid, 2-...	4.63	0.1	ug/L	50719	1	9.72	9975000	20.0
Formamide, N-(cya...	4.85	0.2	ug/L	75814	1	9.72	9975000	20.0
3-Buten-2-ol, 2-m...	5.02	0.3	ug/L	144960	1	9.72	9975000	20.0
3-Penten-2-ol $$ ...	5.71	0.2	ug/L	93791	1	9.72	9975000	20.0
3-(CYCLOHEX-3'-EN...	5.89	4.2	ug/L	2115810	1	9.72	9975000	20.0
Cyclopentasiloxan...	12.54	0.1	ug/L	47808	2	13.19	14127700	20.0
1-HYDROXY-BICYCLO...	16.55	0.0	ug/L	33277	3	18.34	14825500	20.0
1-METHOXY-.BETA.-...	22.28	0.2	ug/L	121442	4	22.65	15450300	20.0
DECADEUTEROPHENAN...	22.77	0.3	ug/L	270267	4	22.65	15450300	20.0