User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 14:10:11

Sample: AE00027
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/7/02 14:09 Ended: 2/7/02 14:09 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		5.0

Comments for Sample AE00027 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-07-2002 Time: 14:10:15

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\00027.D Vial: 3
Acq On : 25 Jan 2002 4:47 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 28 08:59:55 2002 Quant Results File: SCAN508.RES

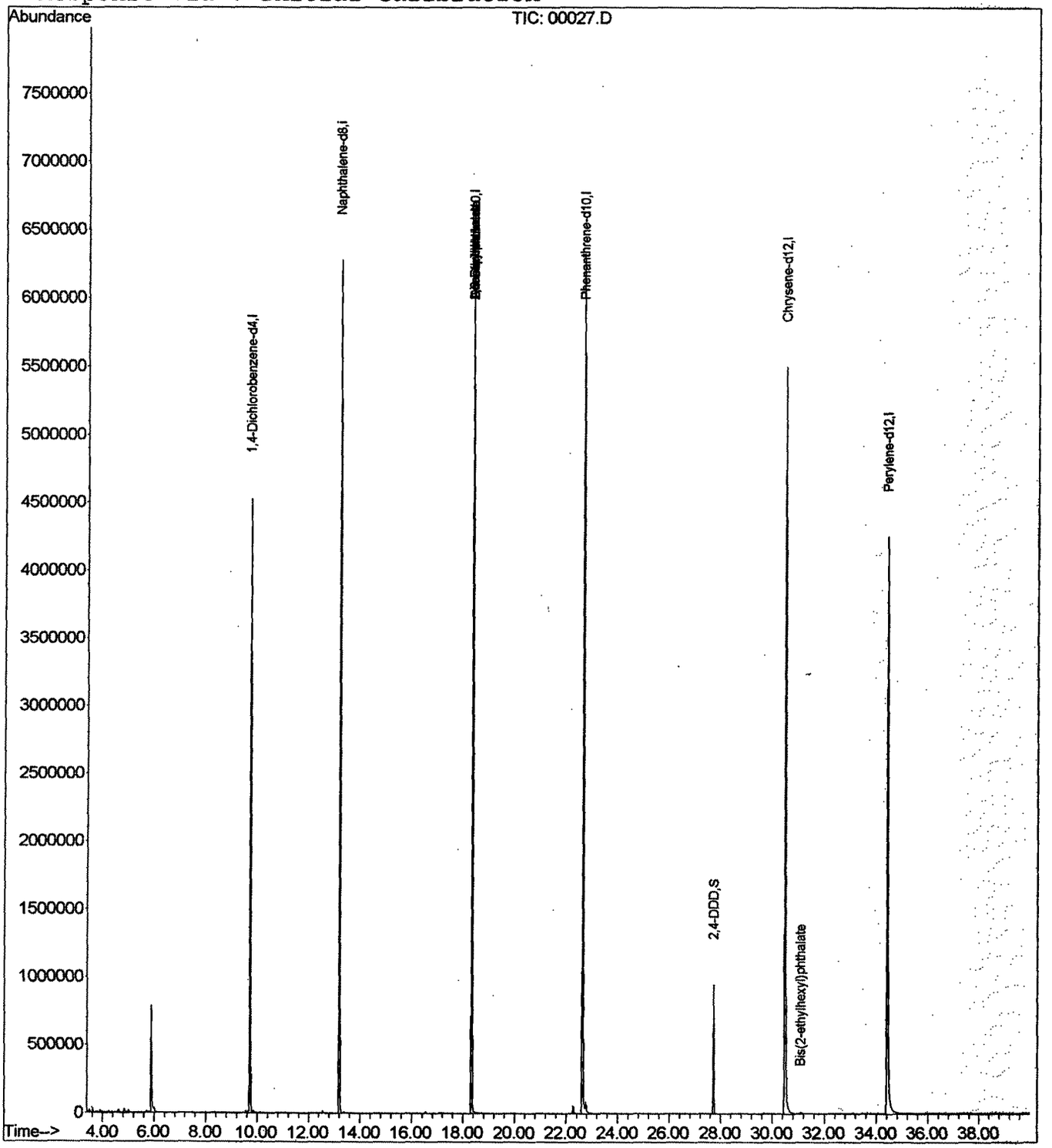
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Last Update : Fri Jan 11 13:20:07 2002
Response via : Initial Calibration
DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	1493143	20.00	ug/L	-0.01
10) Naphthalene-d8	13.19	136	6321620	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3218580	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	5337867	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	4721844	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3491706	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	331465	3.93	ug/L	0.00
Spiked Amount 5.000			Recovery = 78.60%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	516946	2.43	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	410781	9.91	ug/L #	17
42) Bis(2-ethylhexyl)phthalate	31.09	149	14675	0.61	ug/L	84

(#) = qualifier out of range (m) = manual integration
00027.D SCAN508.M Thu Feb 07 13:51:53 2002 Page 1

Data File : C:\MSDCHEM\1\5973N\02JAN25\00027.D Vial: 3
Acq On : 25 Jan 2002 4:47 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 28 8:59 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\00027.D Vial: 3
Acq On : 25 Jan 2002 4:47 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

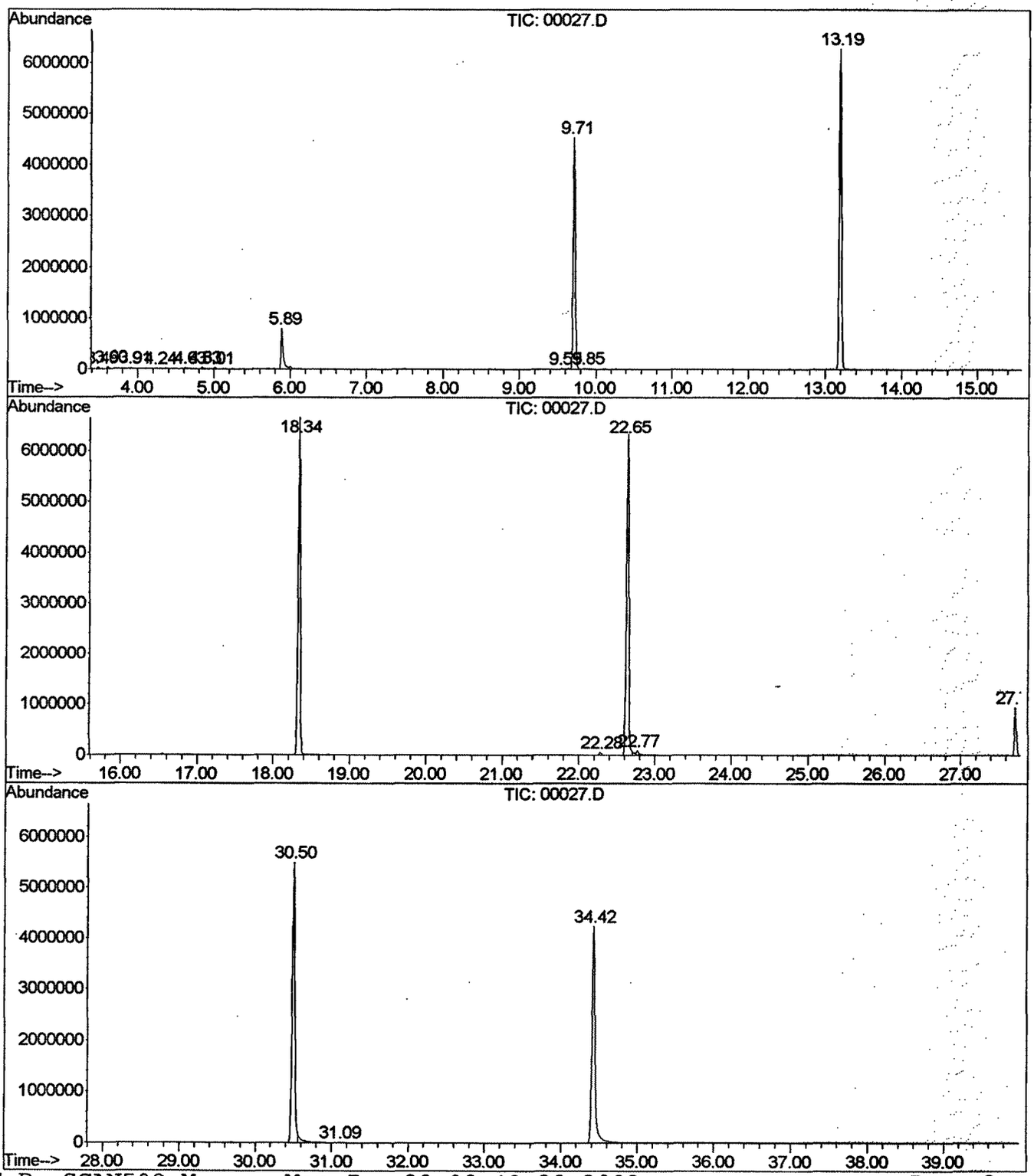
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.488	7	10	17	rVB	22641	39469	0.28%	0.051%
2	3.602	17	20	25	rBV	40324	59635	0.42%	0.077%
3	3.910	45	47	51	rVV	19702	34226	0.24%	0.044%
4	4.241	73	76	85	rVV5	14467	41203	0.29%	0.053%
5	4.629	107	110	117	rVB2	19428	42776	0.30%	0.055%
6	4.835	123	128	137	rBV2	28534	71887	0.51%	0.093%
7	5.006	141	143	147	rBV	22393	36614	0.26%	0.047%
8	5.885	215	220	229	rBV	786691	1502490	10.63%	1.947%
9	9.550	537	541	547	rBV5	15444	39007	0.28%	0.051%
10	9.710	551	555	561	rVV	4523876	8548485	60.50%	11.075%
11	9.847	565	567	577	rVV	18970	63539	0.45%	0.082%
12	13.192	855	860	865	rBV	6270734	12186538	86.25%	15.789%
13	18.341	1305	1311	1315	rBV	6653237	13124058	92.89%	17.003%
14	22.280	1651	1656	1661	rBV	55102	103501	0.73%	0.134%
15	22.645	1681	1688	1693	rBV	6329127	14129248	100.00%	18.306%
16	22.771	1697	1699	1711	rVB	81604	202367	1.43%	0.262%
17	27.726	2127	2133	2139	rBV	946602	1655470	11.72%	2.145%
18	30.500	2369	2376	2381	rBV	5494659	13449366	95.19%	17.425%
19	31.094	2423	2428	2445	rVV5	11835	55700	0.39%	0.072%
20	34.416	2713	2719	2751	rBV	4243524	11799022	83.51%	15.287%

Sum of corrected areas: 77184601

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN25\00027.D
Operator :
Acquired : 25 Jan 2002 4:47 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : January 25, 2002
Vial Number: 3
Quant File :SCAN508.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\5973N\02JAN25\00027.D Vial: 3
Acq On : 25 Jan 2002 4:47 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

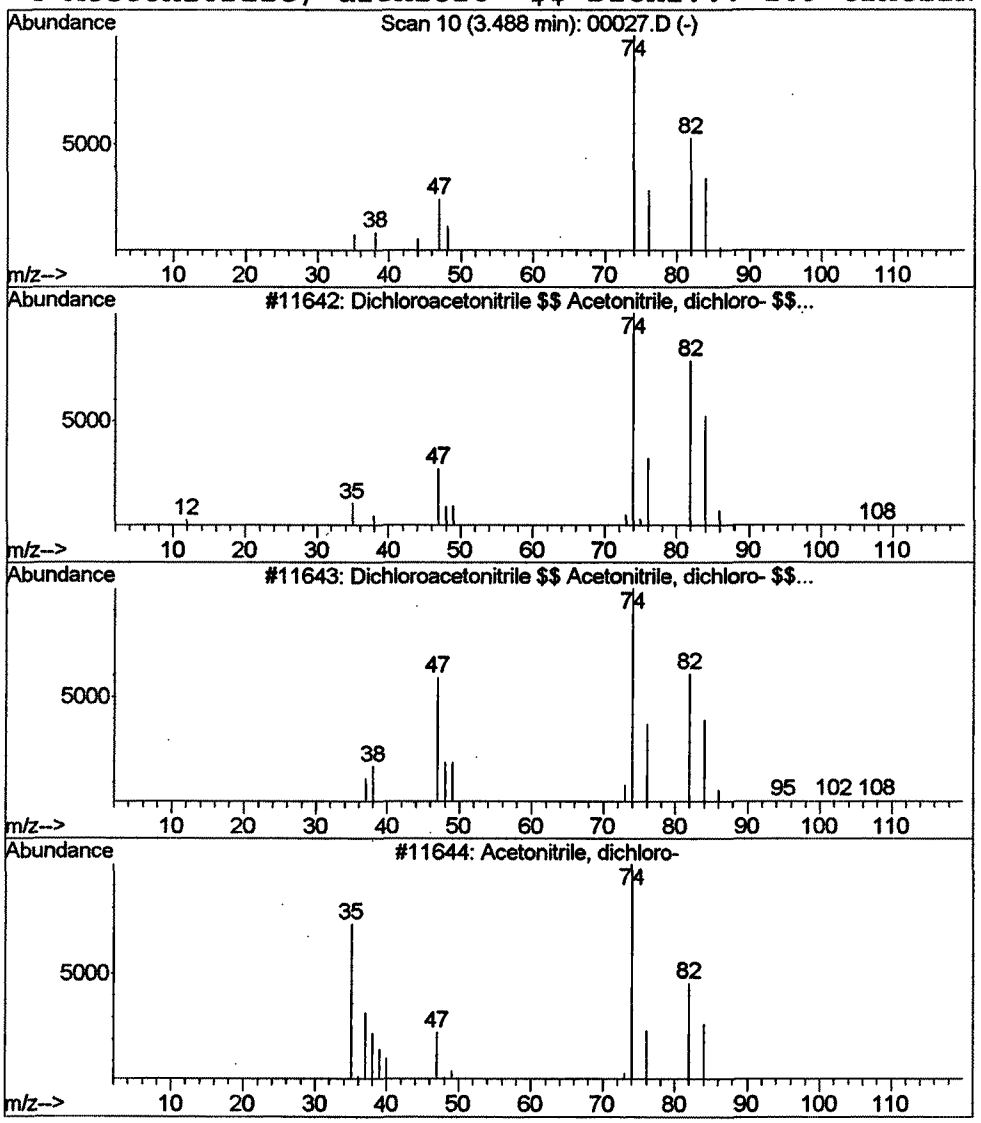
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

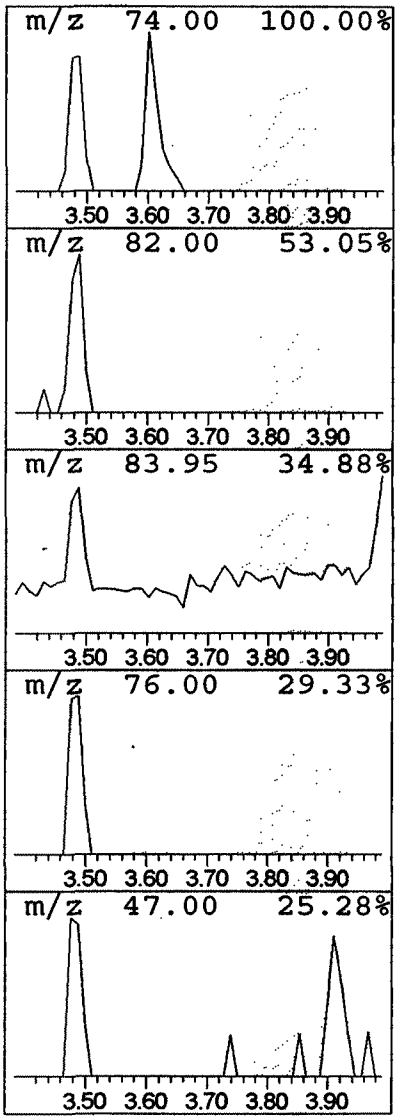
****

Peak Number 1 Dichloroacetonitrile $$ Ace... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	0.09 ug/L	39469	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	74
2	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	64
3	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
4	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	64





Data File : C:\MSDCHEM\1\5973N\02JAN25\00027.D Vial: 3
Acq On : 25 Jan 2002 4:47 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

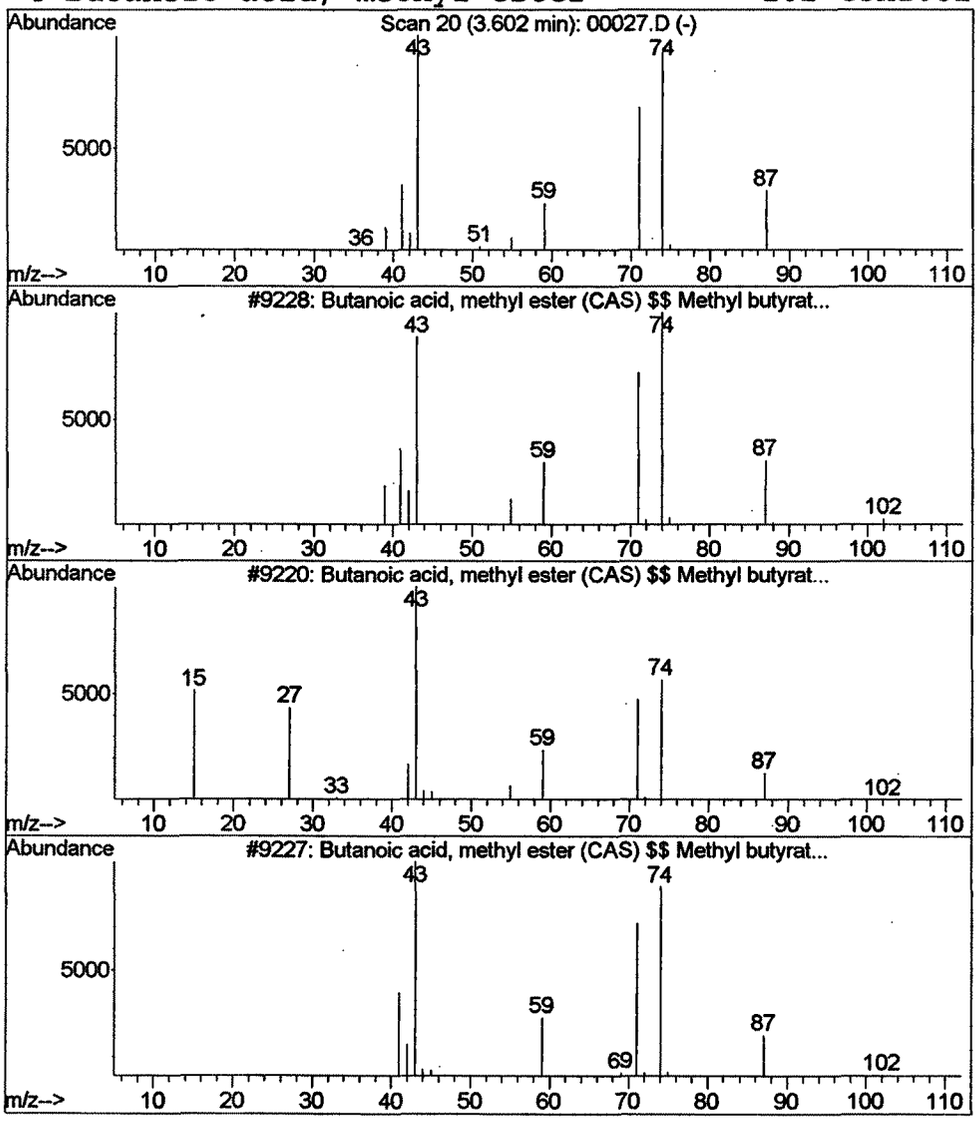
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

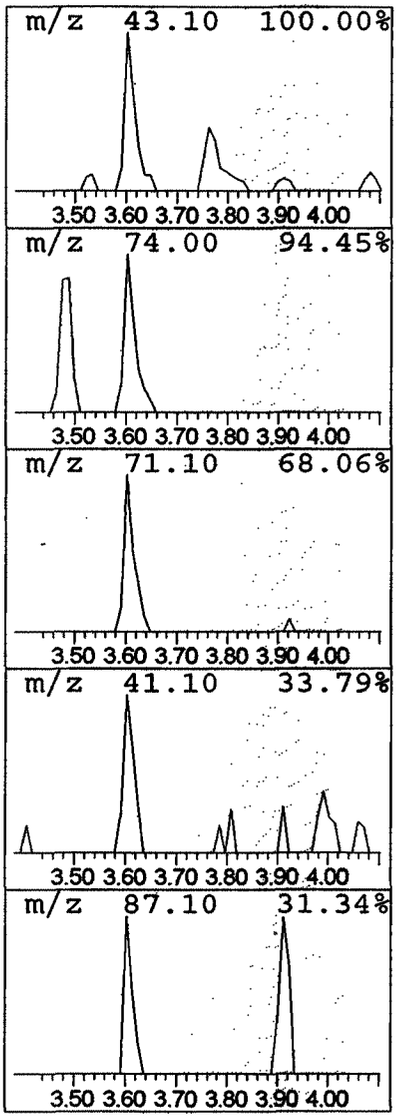
****

Peak Number 2 Butanoic acid, methyl ester... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	0.14 ug/L	59635	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	78
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	72





Data File : C:\MSDCHEM\1\5973N\02JAN25\00027.D Vial: 3
Acq On : 25 Jan 2002 4:47 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

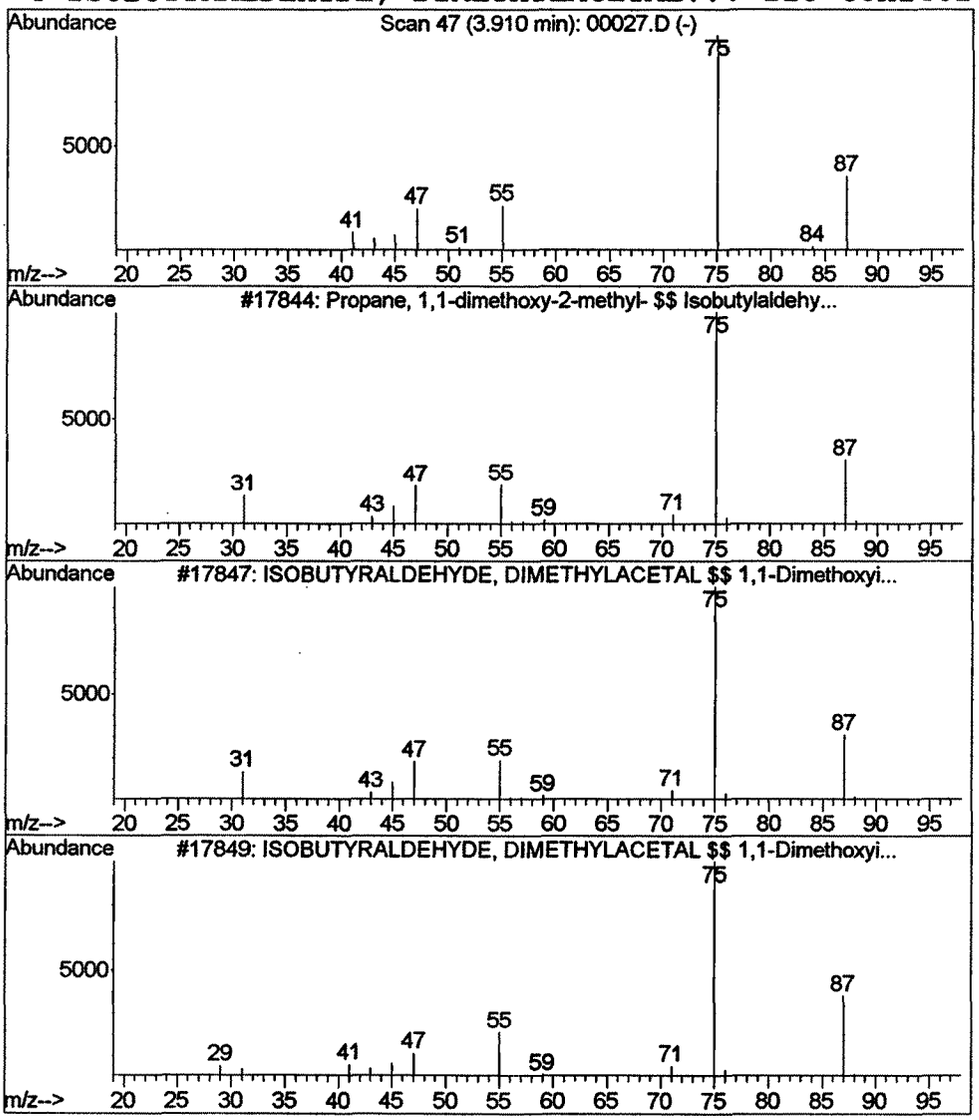
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

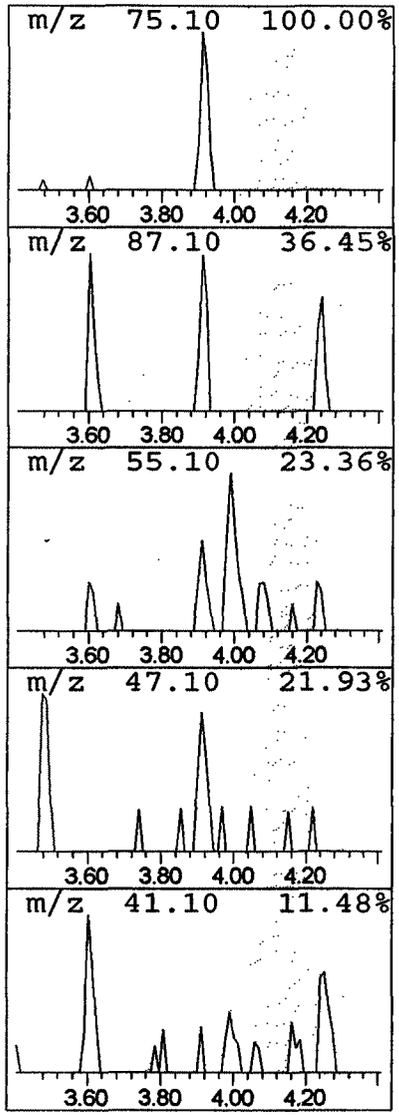
****

Peak Number 3 Propane, 1,1-dimethoxy-2-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	0.08 ug/L	34226	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-2-methyl-...	118	C6H14O2	041632-89-7	64
2	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	64
3	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	56
4	ISOBUTYRALDEHYDE, DIMETHYLACETAL...	118	C6H14O2	000000-00-0	9





Data File : C:\MSDCHEM\1\5973N\02JAN25\00027.D Vial: 3
Acq On : 25 Jan 2002 4:47 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

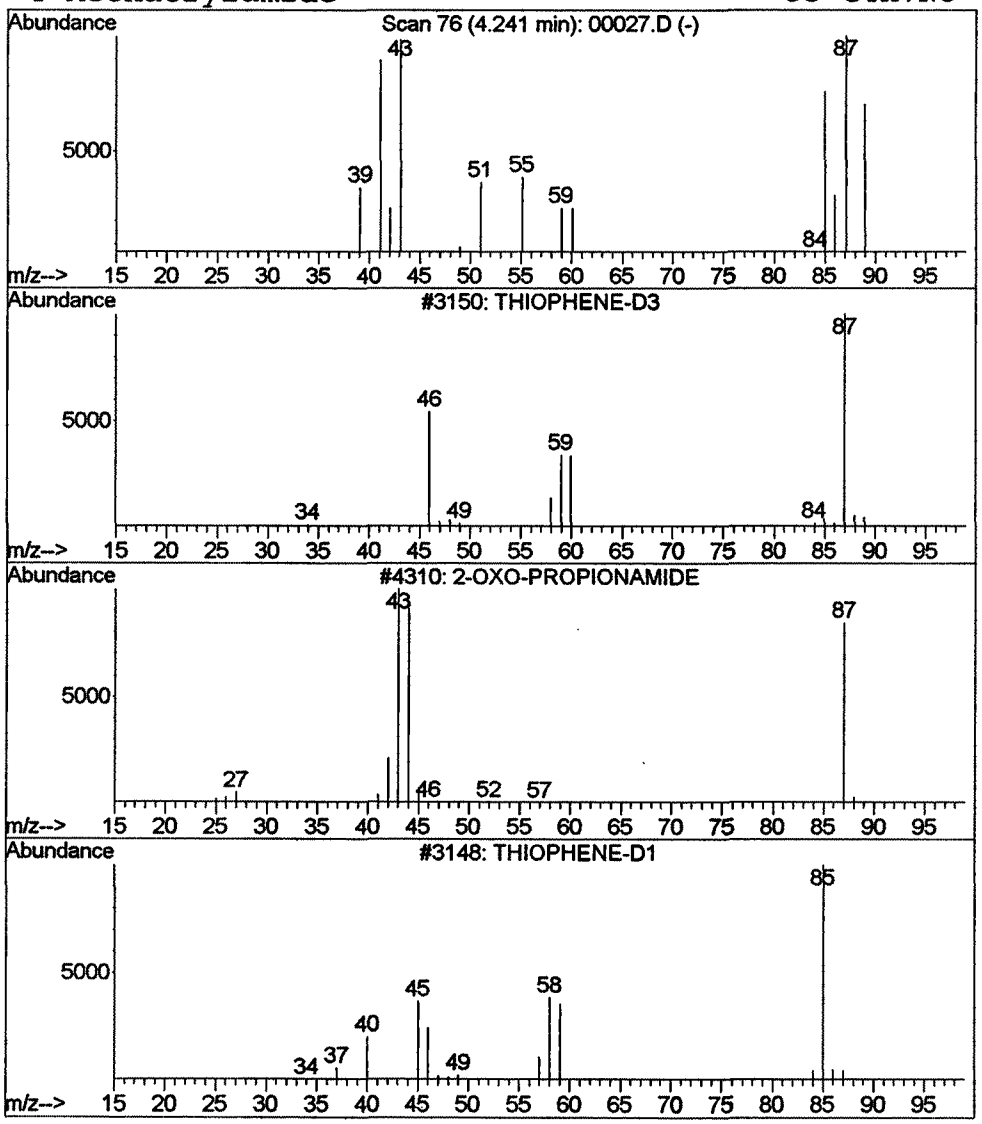
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

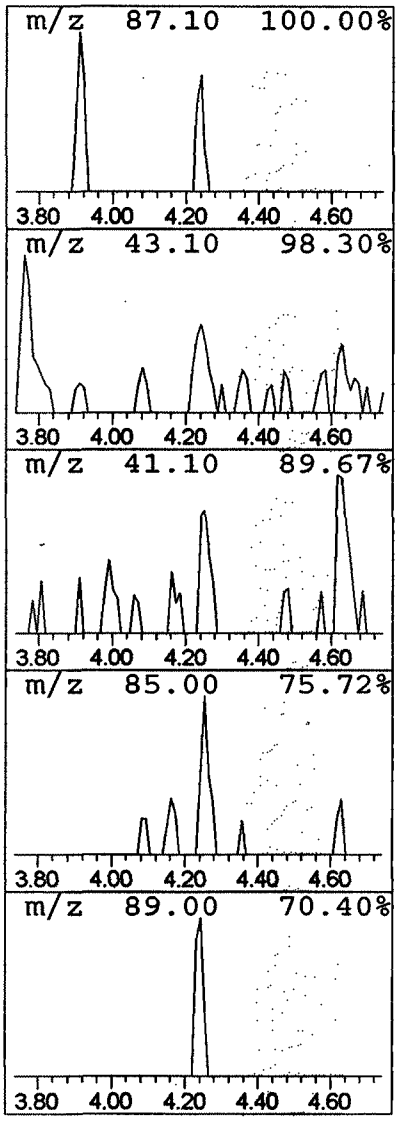
****

Peak Number 4 THIOPHENE-D3 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	0.10 ug/L	41203	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	THIOPHENE-D3	87	C4HD3S	000000-00-0	9
2	2-OXO-PROPIONAMIDE	87	C3H5NO2	000000-00-0	9
3	THIOPHENE-D1	85	C4H3DS	000000-00-0	9
4	Methacrylamide	85	C4H7NO	000079-39-0	9





Data File : C:\MSDCHEM\1\5973N\02JAN25\00027.D Vial: 3
Acq On : 25 Jan 2002 4:47 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

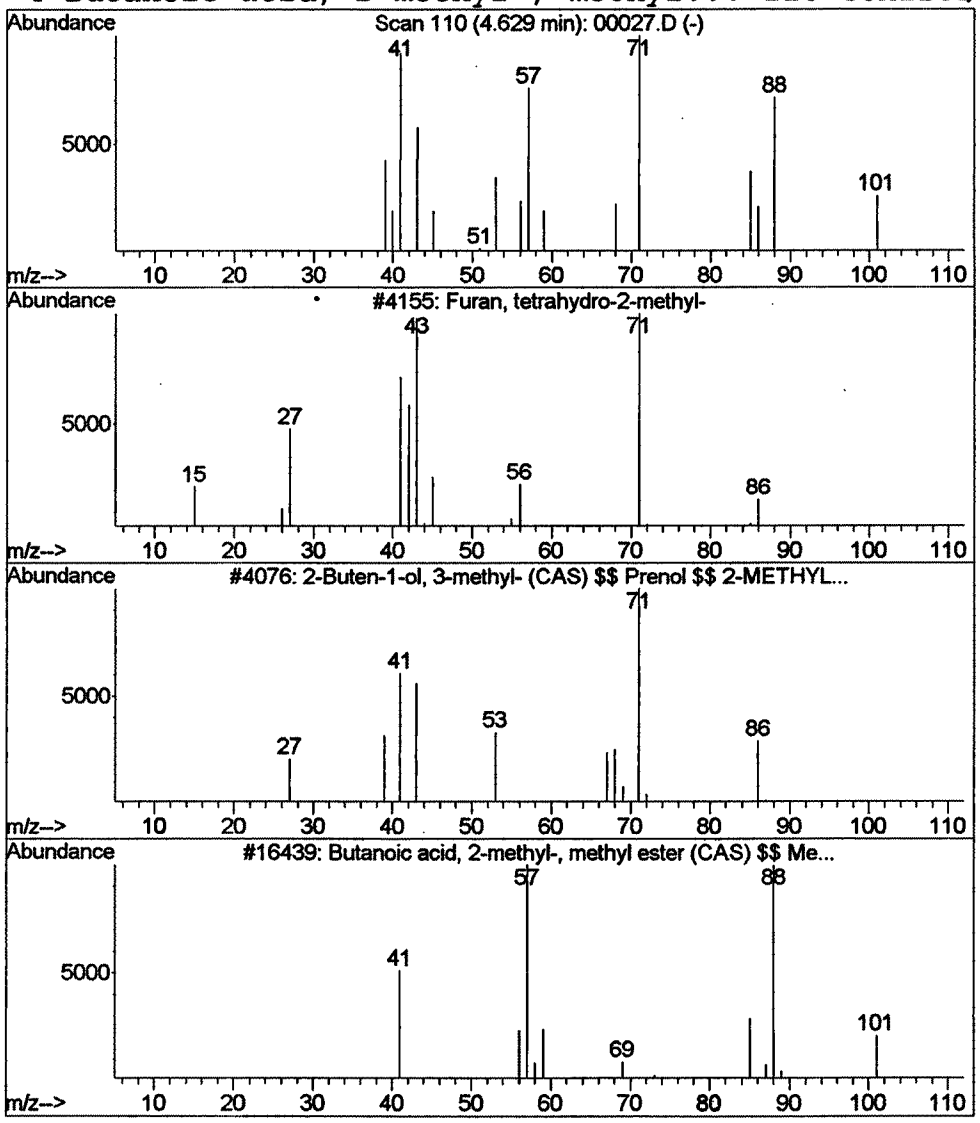
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

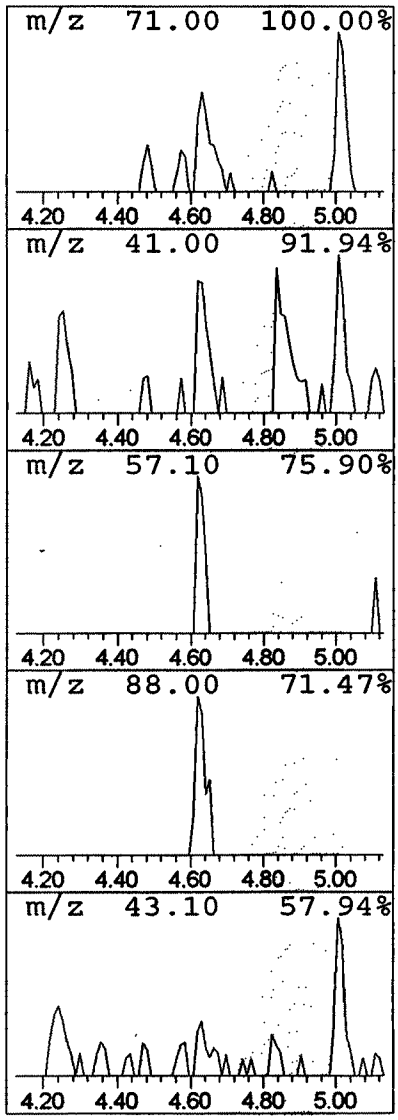
****

Peak Number 5 Furan, tetrahydro-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	0.10 ug/L	42776	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	38
2	2-Buten-1-ol, 3-methyl- (CAS) $$...	86	C5H10O	000556-82-1	35
3	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	35
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	35





Data File : C:\MSDCHEM\1\5973N\02JAN25\00027.D Vial: 3
Acq On : 25 Jan 2002 4:47 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

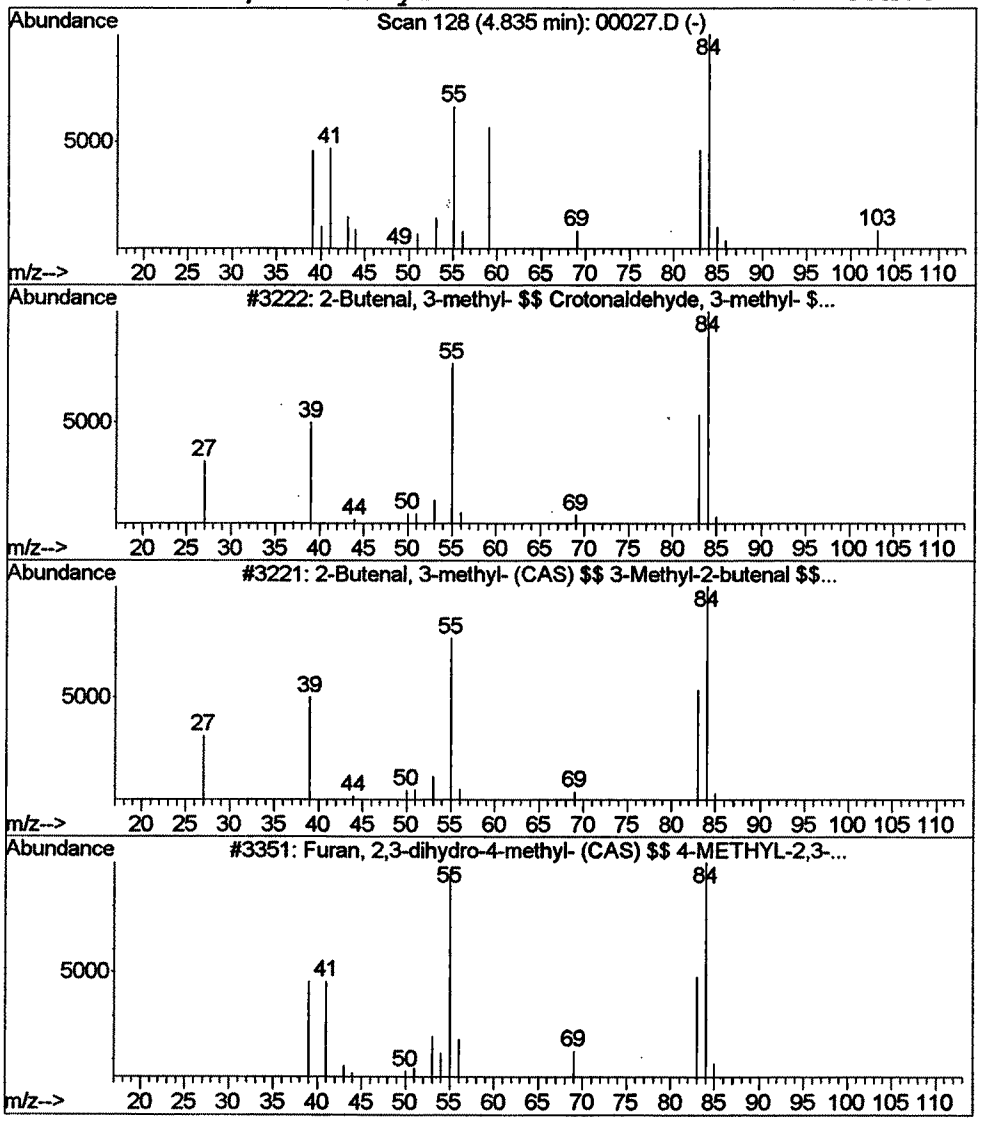
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

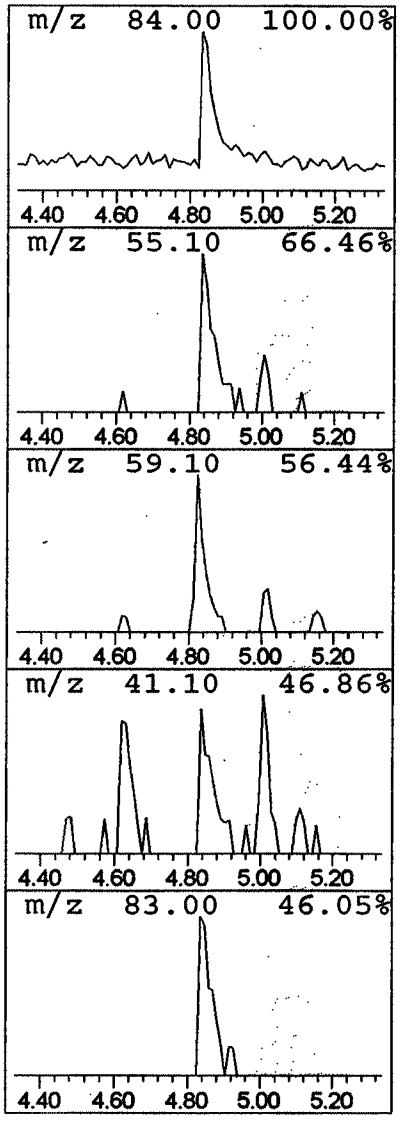
****

Peak Number 6 2-Butenal, 3-methyl- $$ Cro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	0.17 ug/L	71887	1,4-Dichlorobenzene-d4	9.71

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	Furan, 2,3-dihydro-4-methyl- (CA...	84	C5H8O	034314-83-5	64
4	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	58





Data File : C:\MSDCHEM\1\5973N\02JAN25\00027.D Vial: 3
Acq On : 25 Jan 2002 4:47 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

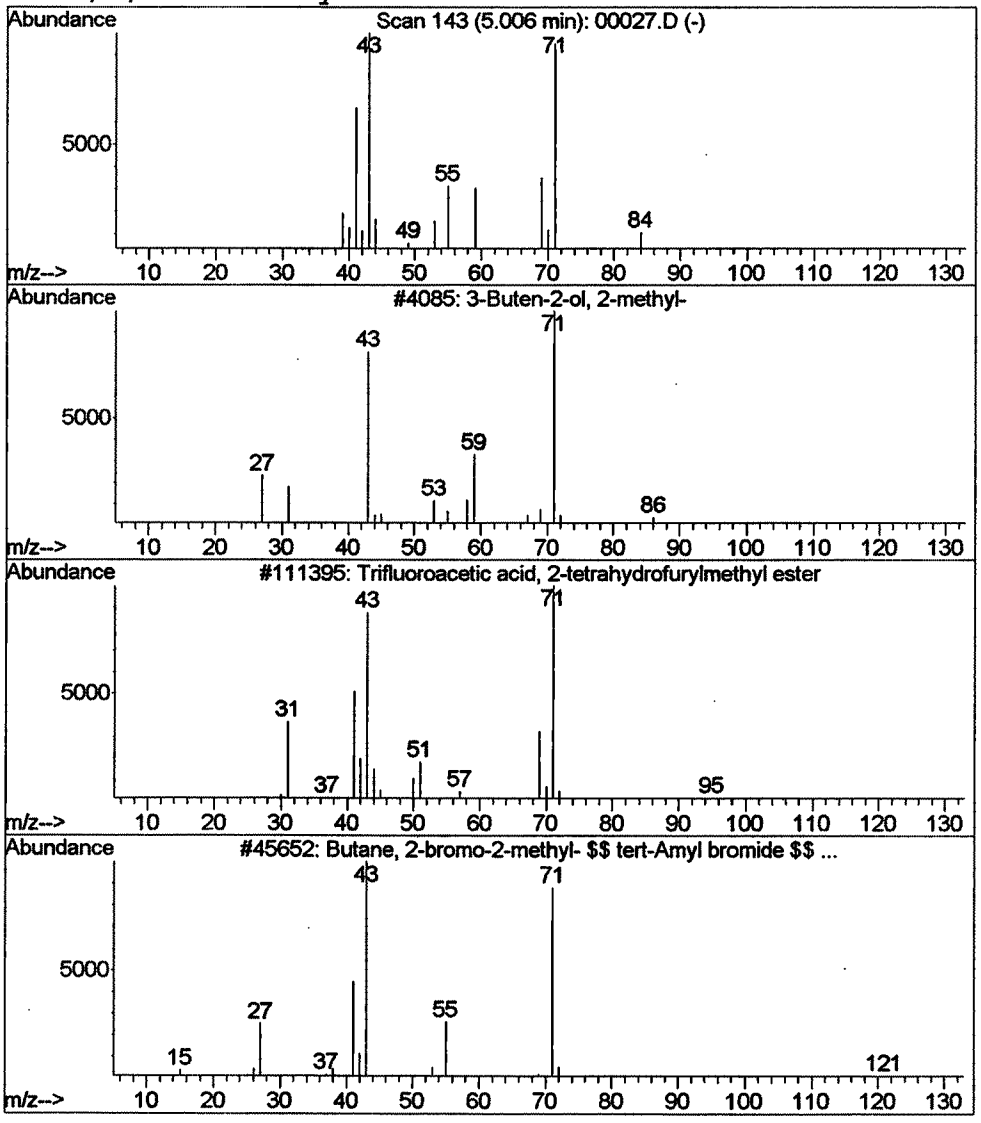
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

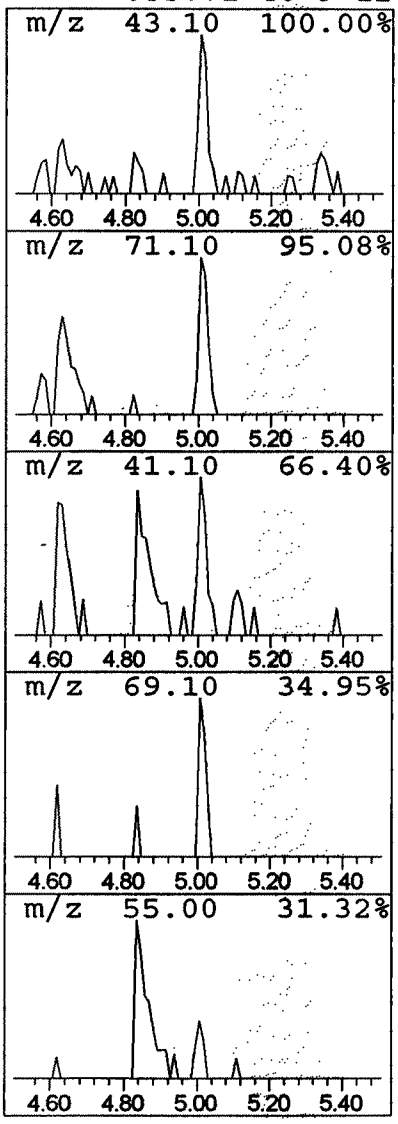
****

Peak Number 7 3-Buten-2-ol, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.09 ug/L	36614	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	45
2	Trifluoroacetic acid, 2-tetrahyd...	198	C7H9F3O3	000000-00-0	33
3	Butane, 2-bromo-2-methyl- $$ ter...	150	C5H11Br	000507-36-8	28
4	2,4,6-Trimethyl-1-nonene	168	C12H24	055771-40-9	12





Data File : C:\MSDCHEM\1\5973N\02JAN25\00027.D Vial: 3
Acq On : 25 Jan 2002 4:47 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

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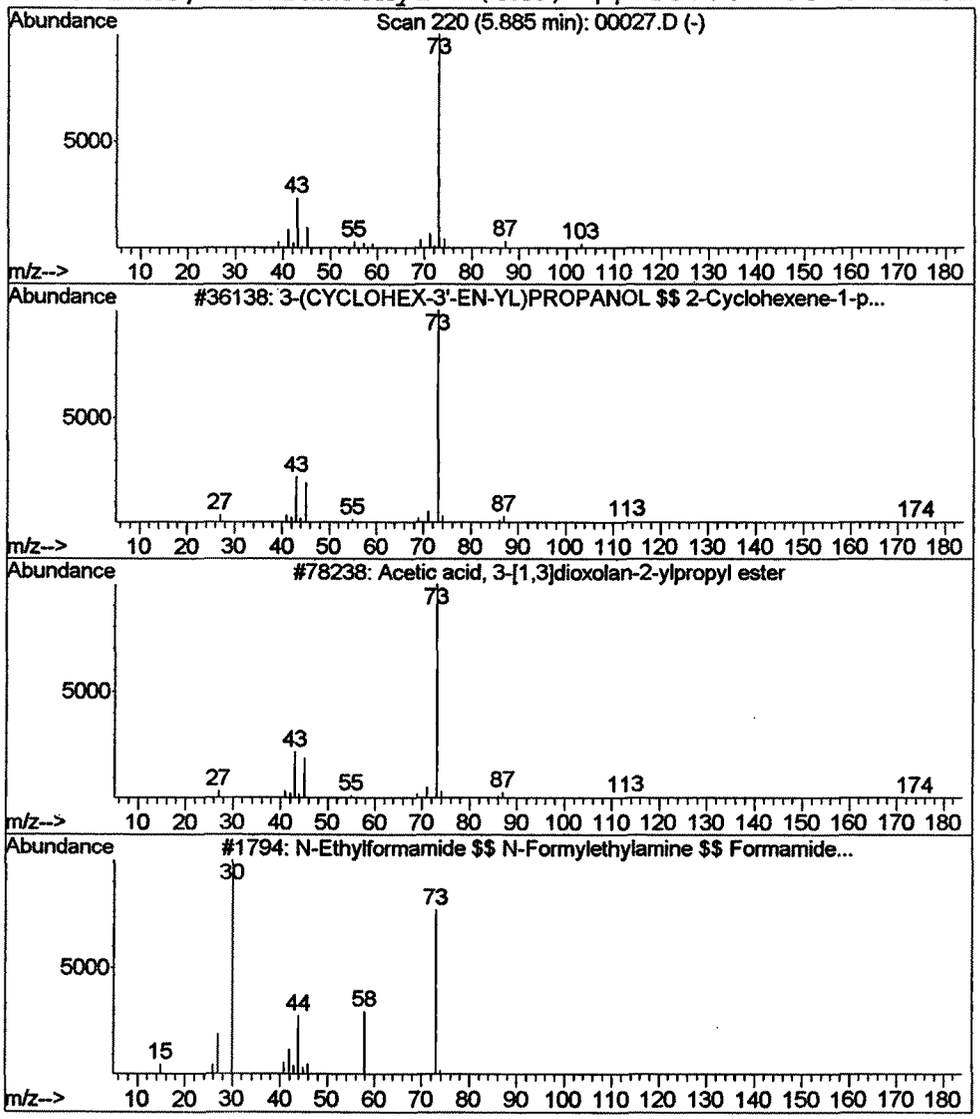
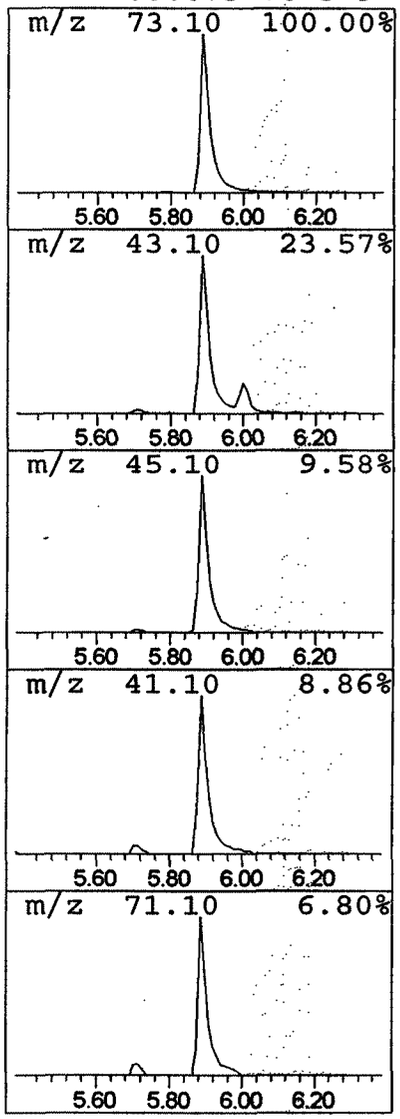
Peak Number 8 3-(CYCLOHEX-3'-EN-YL)PROPAN... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	3.52 ug/L	1502490	1,4-Dichlorobenzene-d4	9.71

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- (CAS) $$ Te...	88	C4H12Si	000075-76-3	9





Data File : C:\MSDCHEM\1\5973N\02JAN25\00027.D Vial: 3
Acq On : 25 Jan 2002 4:47 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 25, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

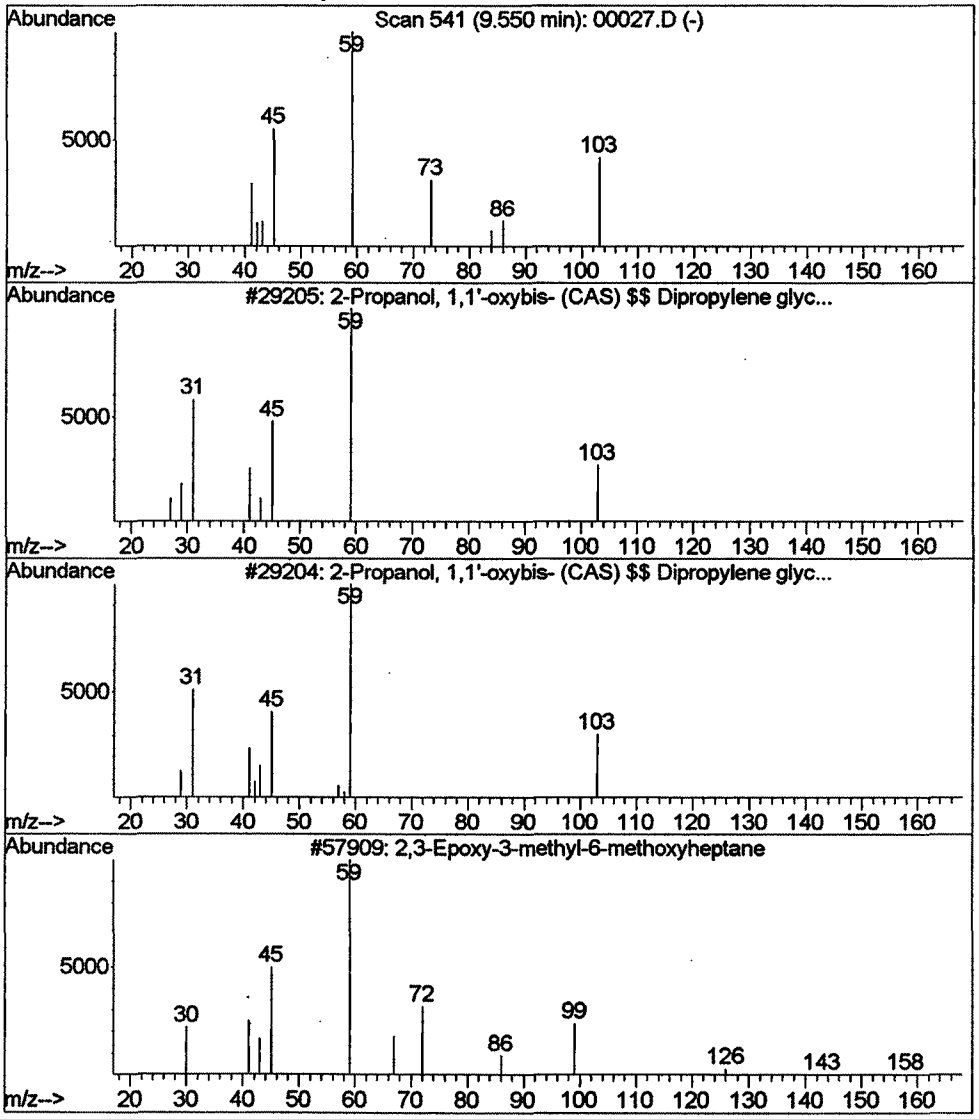
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

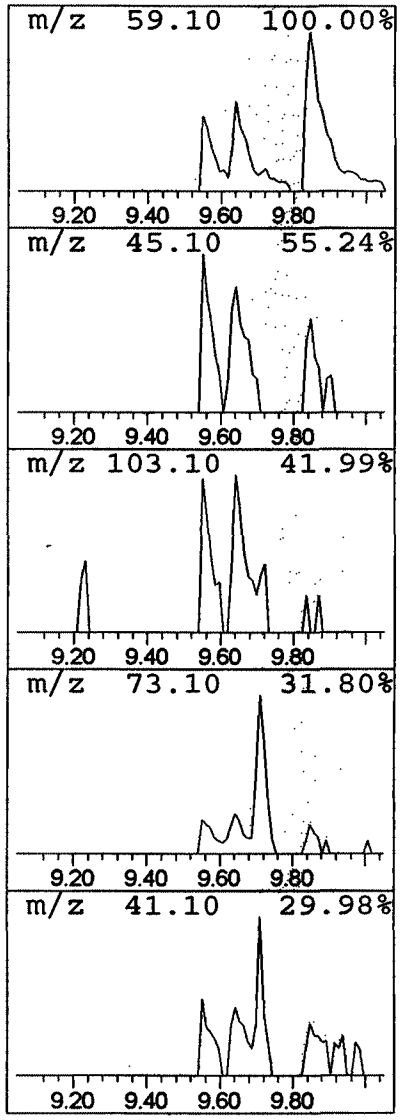
****

Peak Number 9 2-Propanol, 1,1'-oxybis- (C... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	0.09 ug/L	39007	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	39
2	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	39
3	2,3-Epoxy-3-methyl-6-methoxyheptane	158	C9H18O2	088083-53-8	9
4	MIXTURE OF: 5,6-DIHYDRO-6-METHYL...	112	C6H8O2	000108-54-3	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN25\00027.D Vial: 3
Acq On : 25 Jan 2002 4:47 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

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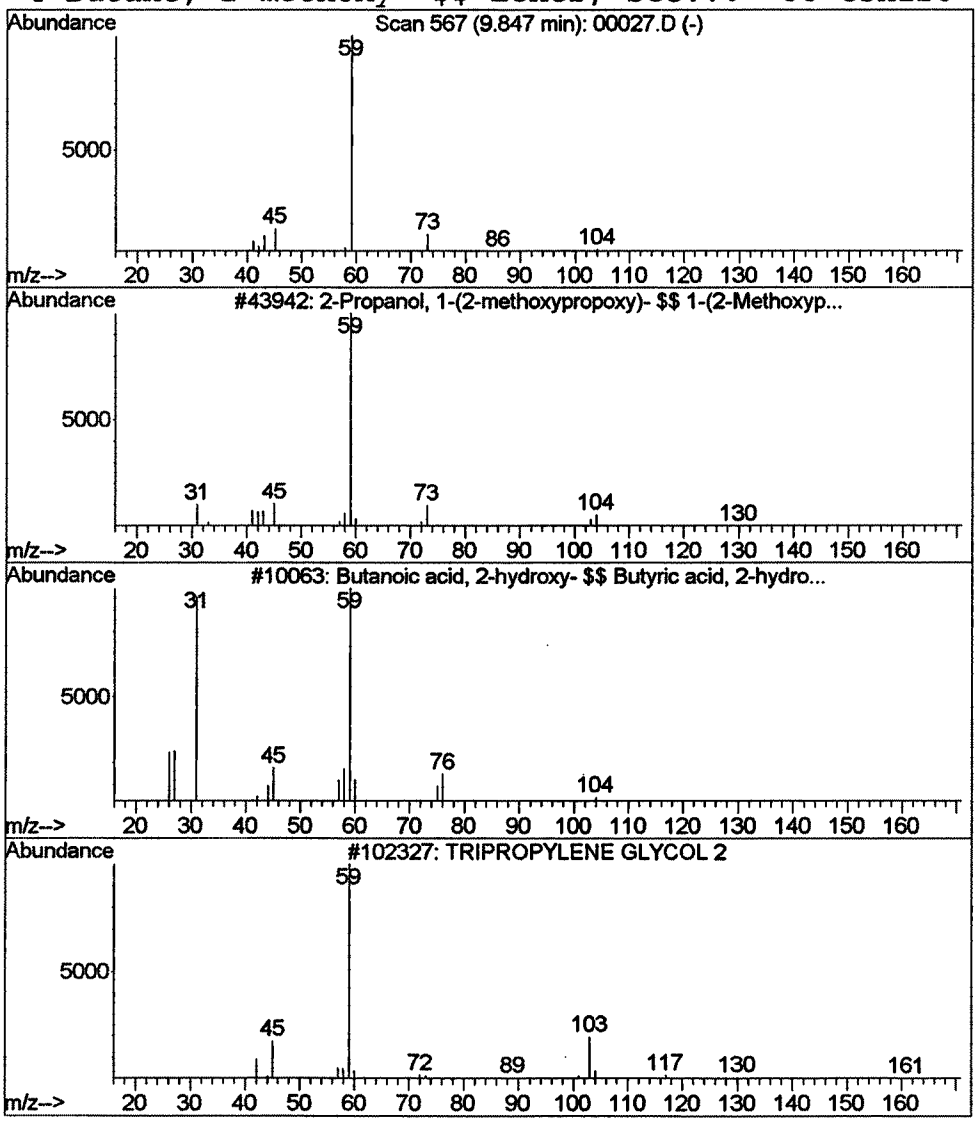
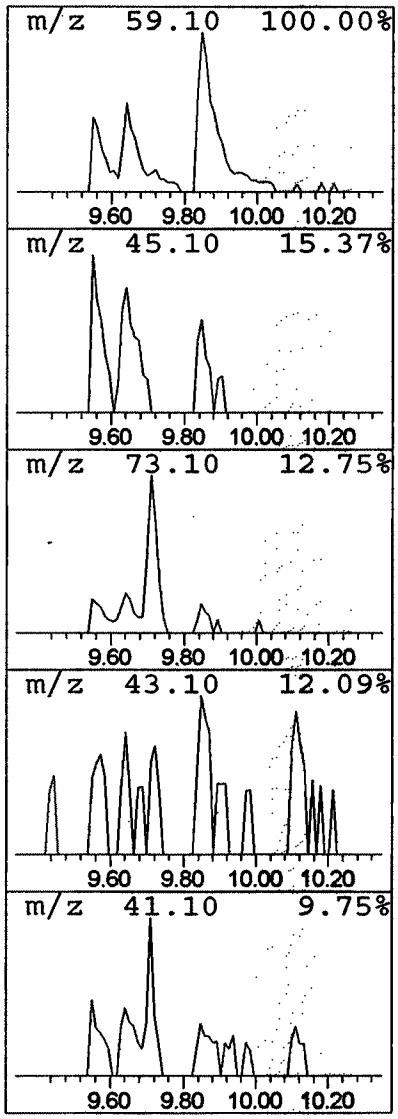
Peak Number 10 2-Propanol, 1-(2-methoxypro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.15 ug/L	63539	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	Butanoic acid, 2-hydroxy- $$ But...	104	C4H8O3	000565-70-8	9
3	TRIPROPYLENE GLYCOL 2	192	C9H20O4	000000-00-0	9
4	Butane, 2-methoxy- $$ Ether, sec...	88	C5H12O	006795-87-5	9





Data File : C:\MSDCHEM\1\5973N\02JAN25\00027.D Vial: 3
Acq On : 25 Jan 2002 4:47 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

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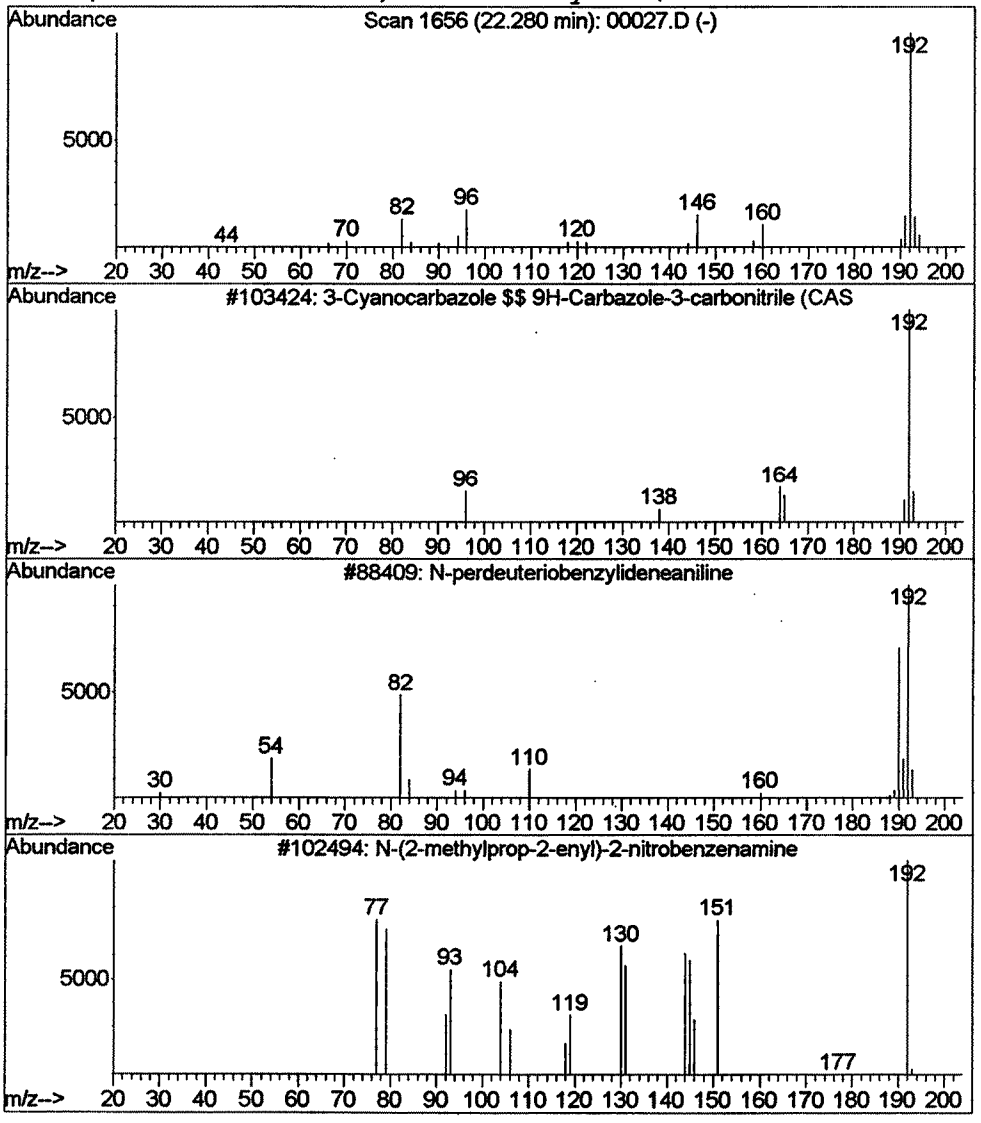
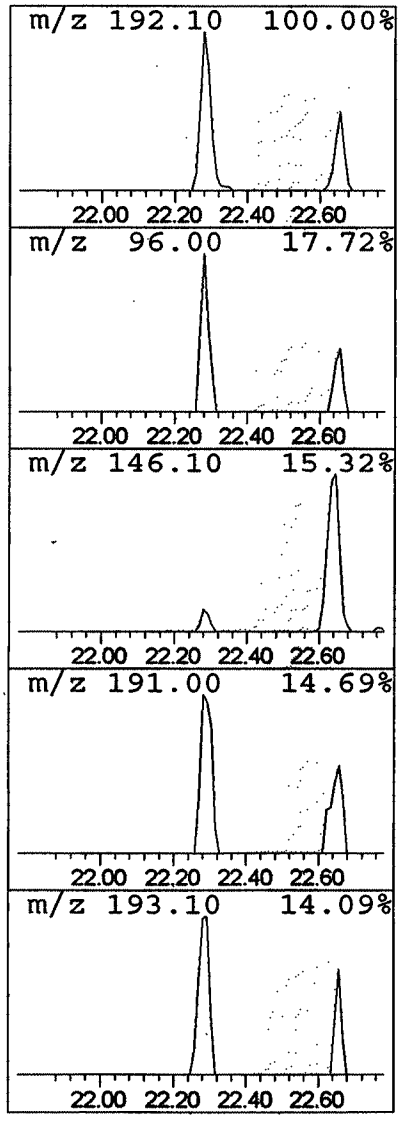
Peak Number 11 3-Cyanocarbazole $$ 9H-Carb... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.15 ug/L	103501	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	64
2	N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	53
3	N-(2-methylprop-2-enyl)-2-nitrob...	192	C10H12N2O2	000000-00-0	46
4	1,3-Benzodioxole, 4-methoxy-6-(2...	192	C11H12O3	000607-91-0	40





Data File : C:\MSDCHEM\1\5973N\02JAN25\00027.D Vial: 3
Acq On : 25 Jan 2002 4:47 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

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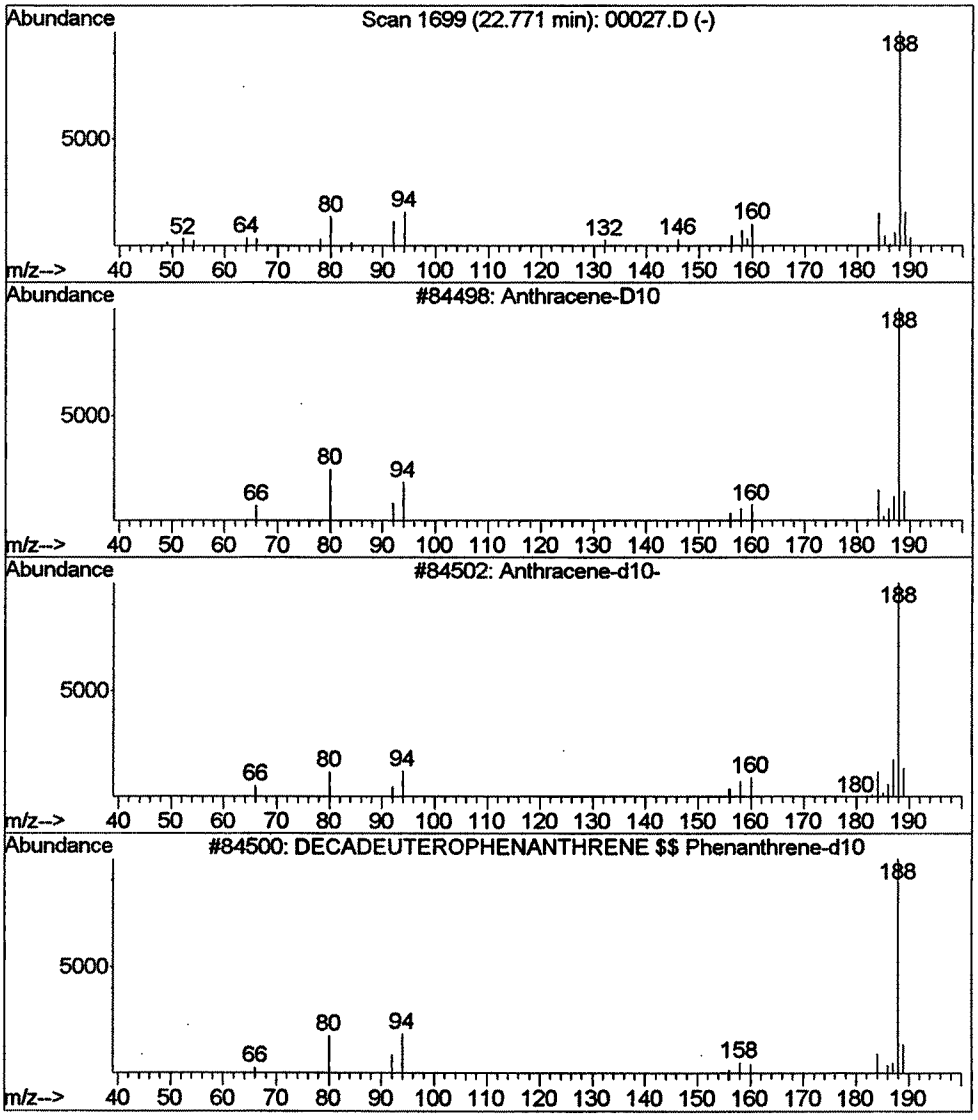
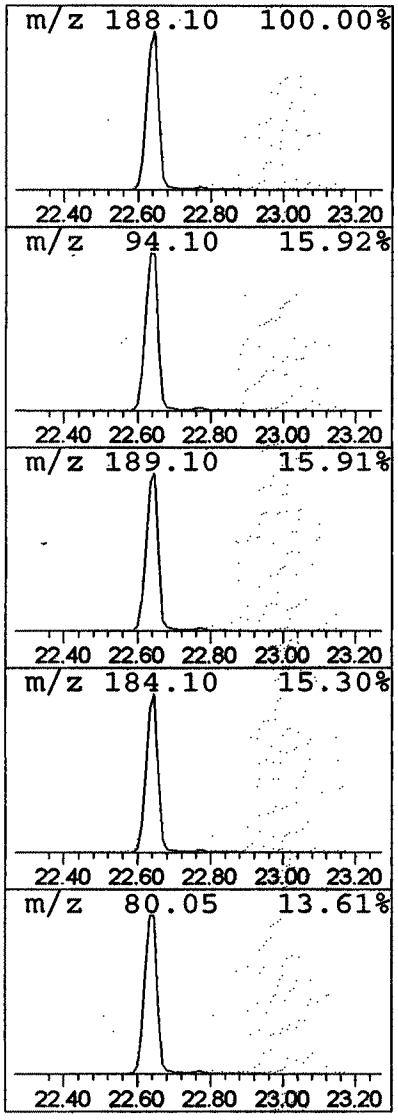
Peak Number 12 Anthracene-D10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.29 ug/L	202367	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-D10	188	C14D10	000000-00-0	90
2	Anthracene-d10-	188	C14D10	001719-06-8	90
3	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	90
4	Phenanthrene-d10	188	C14D10	001517-22-2	86





Operator ID: Date Acquired: 25 Jan 2002 4:47 pm
Data File: C:\MSDCHEM\1\5973N\02JAN25\00027.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
Dichloroacetonitr...	3.49	0.1	ug/L	39469	1	9.71	8548490	20.0
Butanoic acid, me...	3.60	0.1	ug/L	59635	1	9.71	8548490	20.0
Propane, 1,1-dime...	3.91	0.1	ug/L	34226	1	9.71	8548490	20.0
THIOPHENE-D3	4.24	0.1	ug/L	41203	1	9.71	8548490	20.0
Furan, tetrahydro...	4.63	0.1	ug/L	42776	1	9.71	8548490	20.0
2-Butenal, 3-meth...	4.83	0.2	ug/L	71887	1	9.71	8548490	20.0
3-Buten-2-ol, 2-m...	5.01	0.1	ug/L	36614	1	9.71	8548490	20.0
3-(CYCLOHEX-3'-EN...	5.89	3.5	ug/L	1502490	1	9.71	8548490	20.0
2-Propanol, 1,1'-...	9.55	0.1	ug/L	39007	1	9.71	8548490	20.0
2-Propanol, 1-(2-...	9.85	0.1	ug/L	63539	1	9.71	8548490	20.0
3-Cyanocarbazole ...	22.28	0.1	ug/L	103501	4	22.65	14129200	20.0
Anthracene-D10	22.77	0.3	ug/L	202367	4	22.65	14129200	20.0