NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 09:24:17

Sample: AE00167
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 09:23 Ended: 1/28/02 09:23 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		5.0

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Comments for Sample AE00167 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 09:28:20

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

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Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN24\00167.D Vial: 4
Acq On : 24 Jan 2002 2:09 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 25 10:22:02 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	9.72	152	1697266	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	7167974	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3645125	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	5957986	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	5077750	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3693450	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	374690	3.98	ug/L	0.00
Spiked Amount 5.000			Recovery = 79.60%			
Target Compounds						Qvalue
20) Dimethylphthalate	18.34	163	578772	2.40	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	466460	9.93	ug/L #	17
42) Bis(2-ethylhexyl)phthalate	31.11	149	12801	0.60	ug/L #	65

(#) = qualifier out of range (m) = manual integration
00167.D SCAN508.M Fri Jan 25 10:22:03 2002 Page 1

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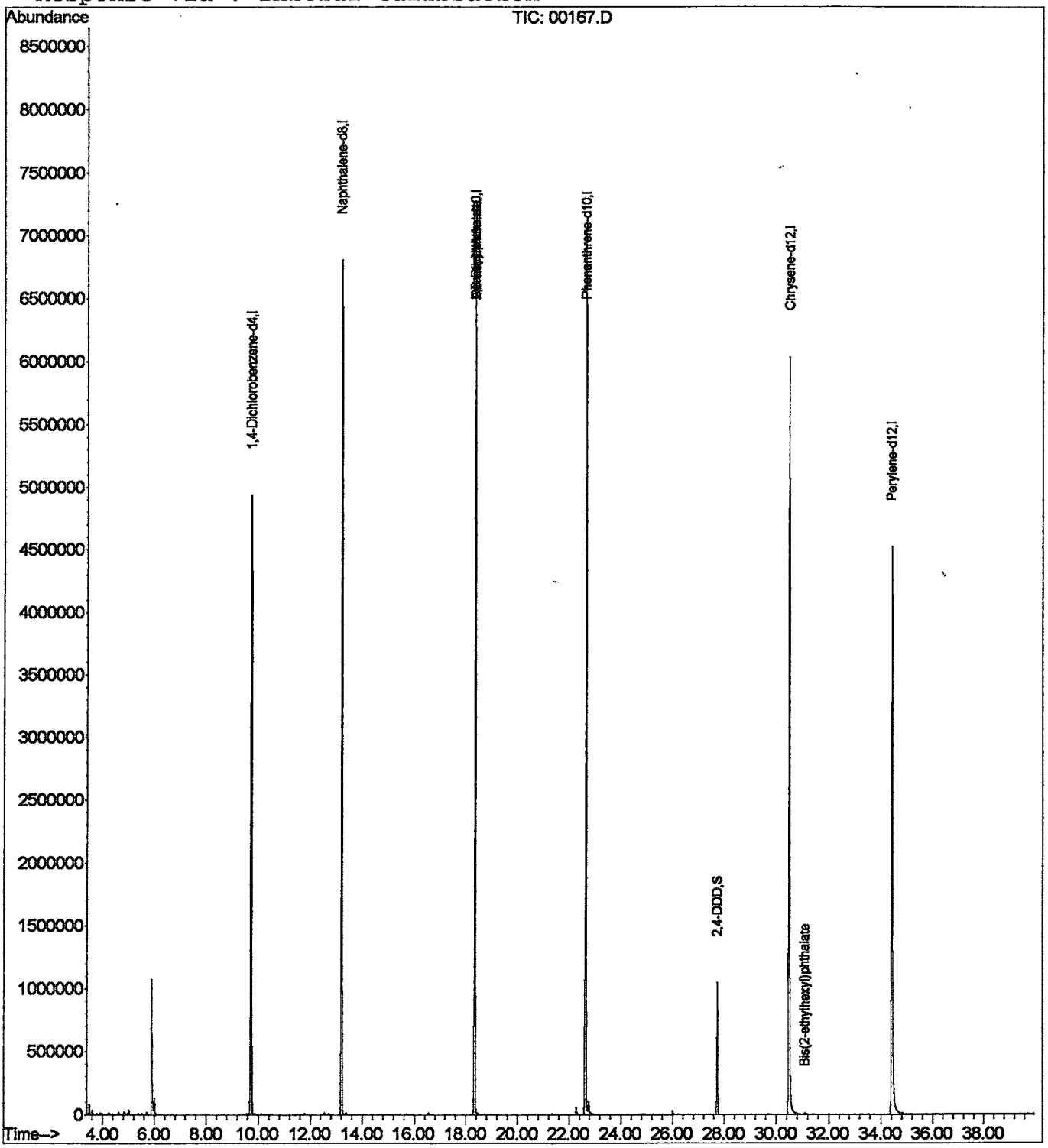
Data File : C:\MSDCHEM\1\5973N\02JAN24\00167.D Vial: 4
Acq On : 24 Jan 2002 2:09 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 25 10:22 2002 Quant Results File: SCAN508.RE

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



NYC-WTC_000050484

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\5973N\02JAN24\00167.D Vial: 4
Acq On : 24 Jan 2002 2:09 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	3.488	5	10	15	rBV	85624	136162	0.86%	0.157%
2	3.613	19	21	25	rVB	39572	59517	0.38%	0.069%
3	4.253	73	77	83	rVB4	18965	51991	0.33%	0.060%
4	4.629	103	110	119	rBV2	22919	58819	0.37%	0.068%
5	4.846	123	129	137	rBV2	25110	74271	0.47%	0.086%
6	5.018	141	144	149	rBV	39611	66972	0.42%	0.077%
7	5.885	217	220	227	rBV	1076048	1975320	12.46%	2.276%
8	5.999	227	230	235	rVB	123850	255532	1.61%	0.294%
9	9.721	551	556	561	rVV	4939161	9739244	61.42%	11.224%
10	9.858	561	568	577	rVB2	11617	39936	0.25%	0.046%
11	13.192	855	860	865	rBV	6801106	13819766	87.16%	15.927%
12	18.341	1305	1311	1317	rBV	7209305	14921876	94.11%	17.197%
13	22.280	1653	1656	1661	rVV2	63909	127342	0.80%	0.147%
14	22.645	1681	1688	1693	rBV2	7053171	15855855	100.00%	18.273%
15	22.771	1695	1699	1711	rVB	93972	262030	1.65%	0.302%
16	26.013	1977	1983	1987	rBV	30690	67943	0.43%	0.078%
17	27.726	2127	2133	2139	rBV	1045645	1864324	11.76%	2.149%
18	30.500	2369	2376	2381	rBV	6037932	14674202	92.55%	16.911%
19	31.105	2425	2429	2441	rVB4	11250	47555	0.30%	0.055%
20	34.416	2713	2719	2757	rBV	4520186	12671913	79.92%	14.604%

Sum of corrected areas: 86770570

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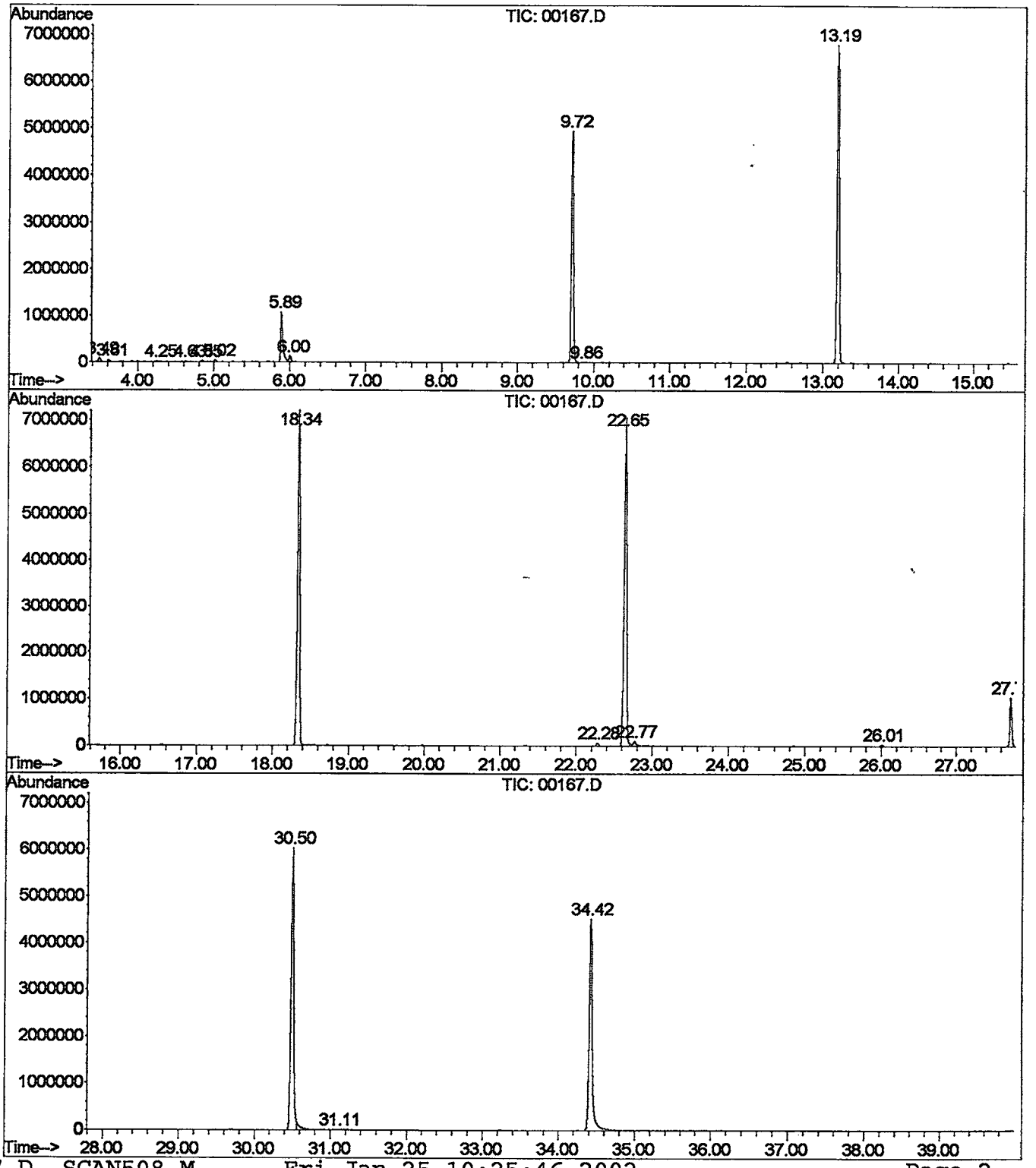
LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN24\00167.D
Operator :
Acquired : 24 Jan 2002 2:09 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508scan
Misc Info : January 24, 2002
Vial Number: 4
Quant File :SCAN508.RES (RTE Integrator)



NYC-WTC_000050486

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\5973N\02JAN24\00167.D Vial: 4
Acq On : 24 Jan 2002 2:09 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

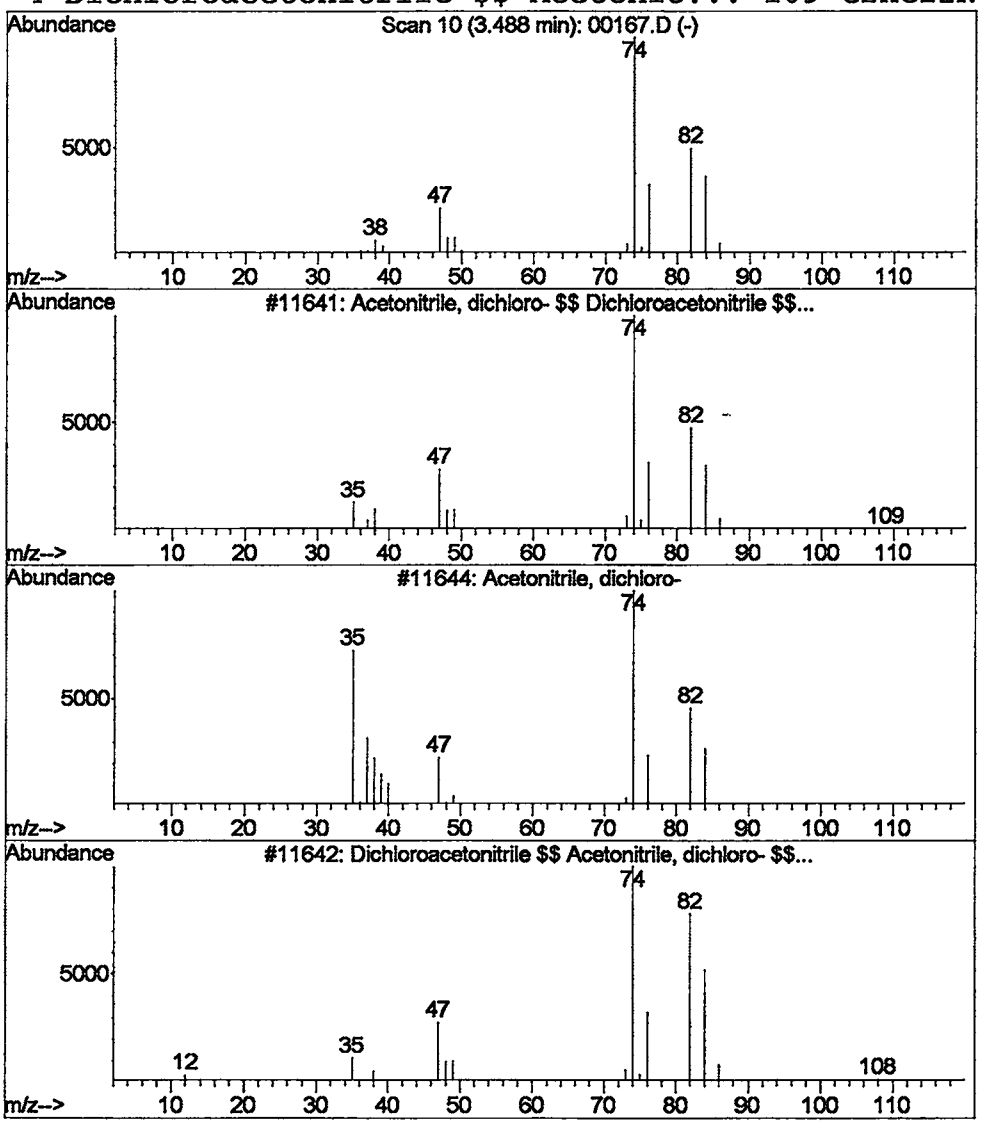
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

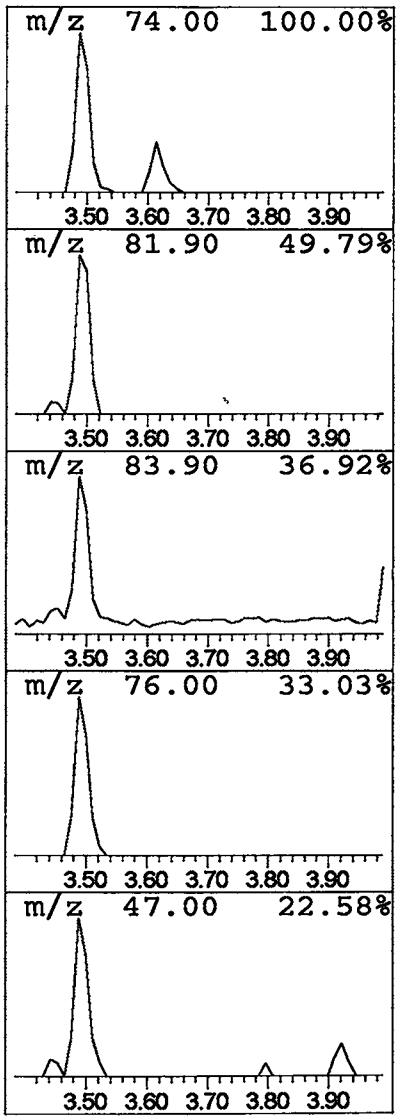
****

Peak Number 1 Acetonitrile, dichloro- $$ ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	0.28 ug/L	136162	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro- $$ Dichl...	109	C2HCl2N	003018-12-0	83
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	74
3	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	64
4	Dichloroacetonitrile $$ Acetonit...	109	C2HCl2N	003018-12-0	59





NYC-WTC_000050487

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\5973N\02JAN24\00167.D Vial: 4
Acq On : 24 Jan 2002 2:09 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

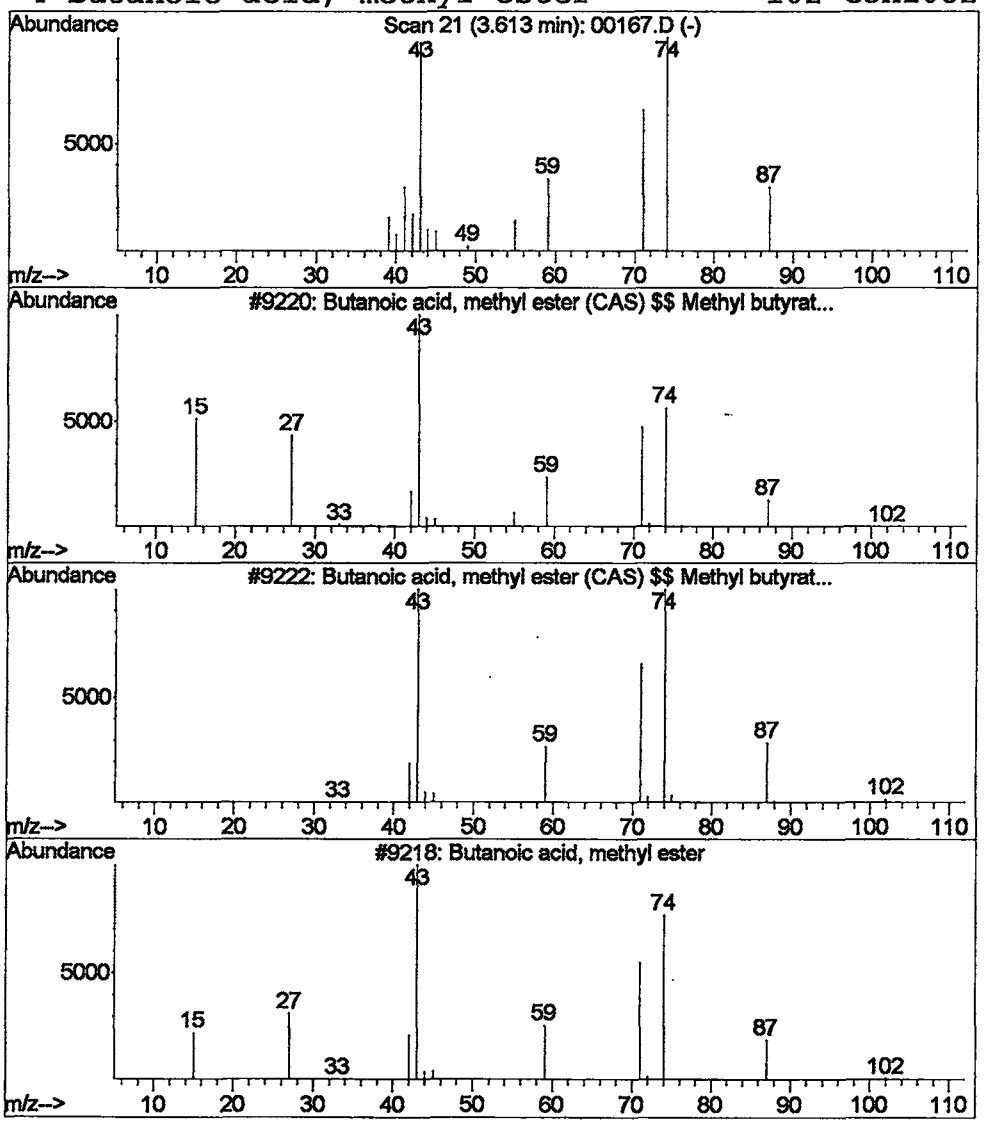
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

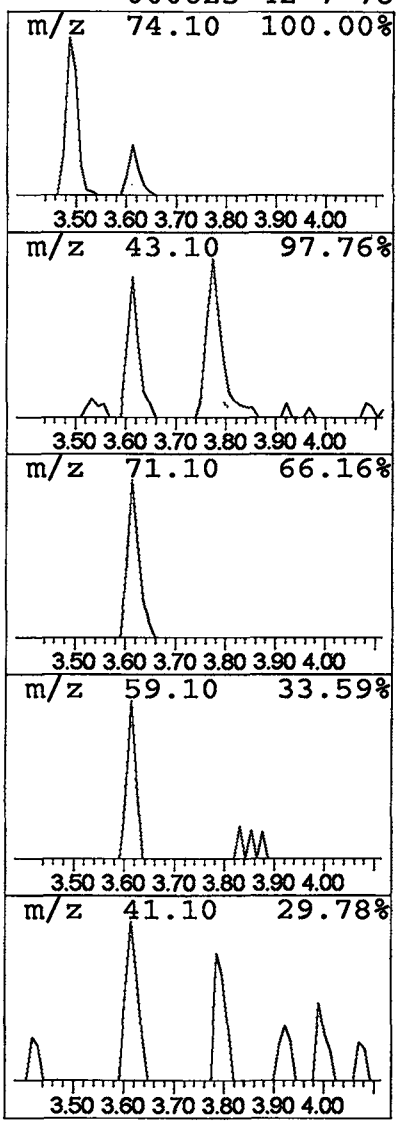
****

Peak Number 2 Butanoic acid, methyl ester... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	0.12 ug/L	59517	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	102	C5H10O2	000623-42-7	83
4	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	78





NYC-WTC_000050488

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\5973N\02JAN24\00167.D Vial: 4
Acq On : 24 Jan 2002 2:09 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

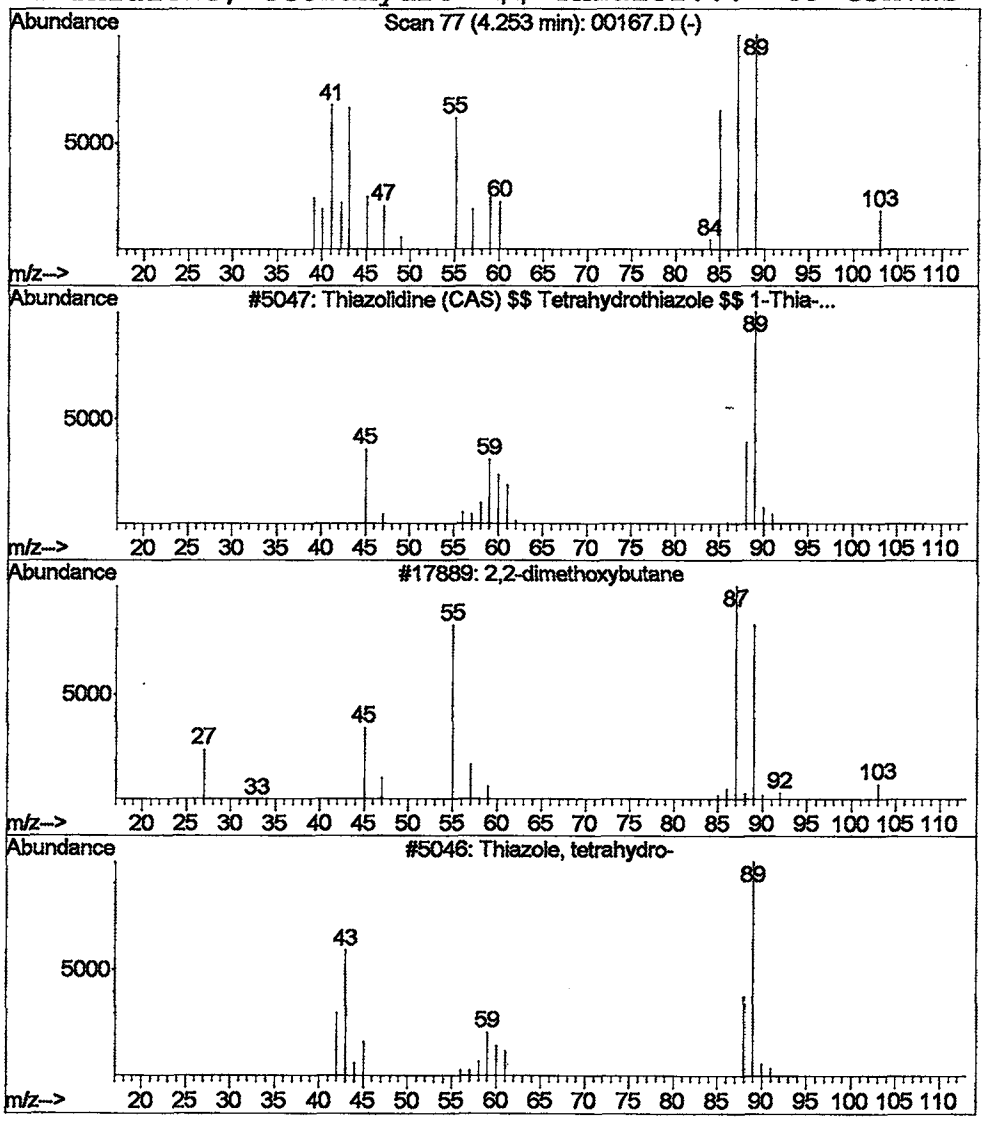
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

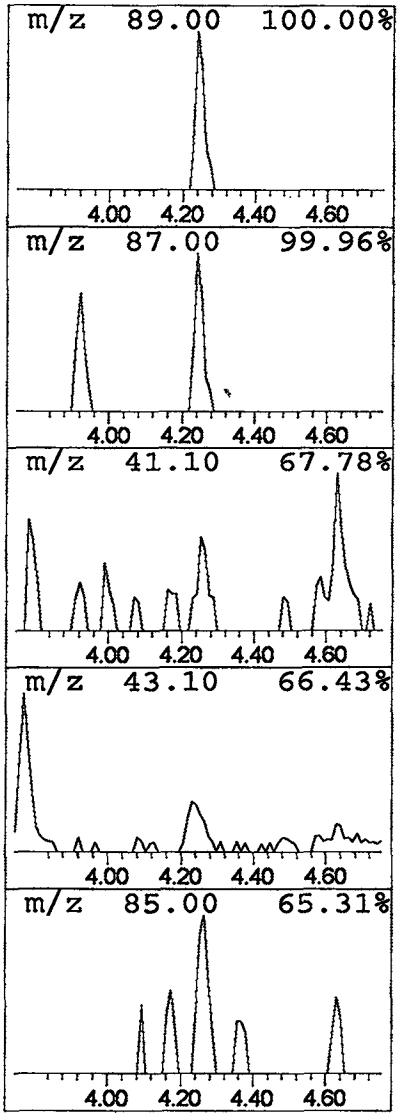
****

Peak Number 3 Thiazolidine (CAS) $$ Tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	0.11 ug/L	51991	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazolidine (CAS) $$ Tetrahydro...	89	C3H7NS	000504-78-9	53
2	2,2-dimethoxybutane	118	C6H14O2	003453-99-4	50
3	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	50
4	Thiazole, tetrahydro- $$ Thiazol...	89	C3H7NS	000504-78-9	50





NYC-WTC_000050489

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\5973N\02JAN24\00167.D Vial: 4
Acq On : 24 Jan 2002 2:09 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

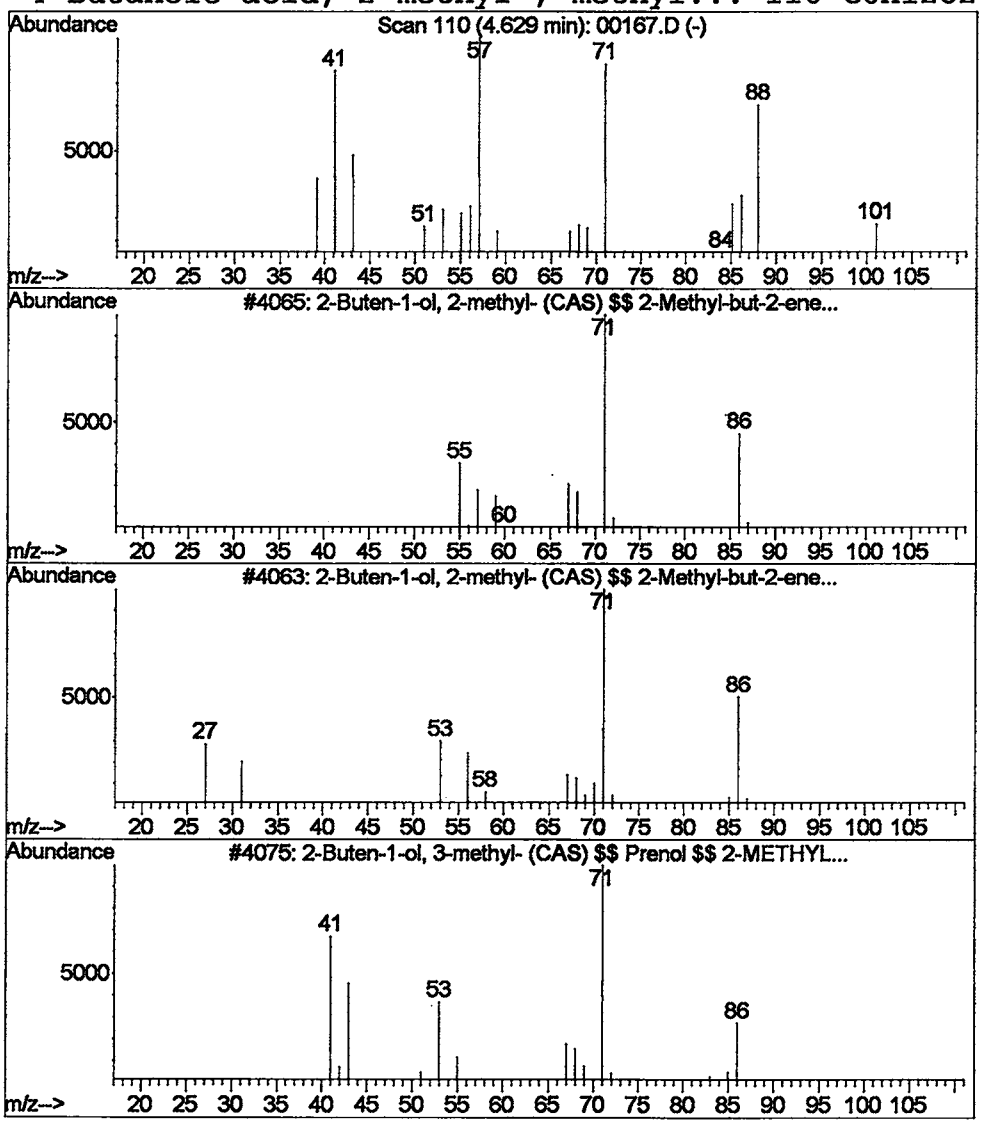
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

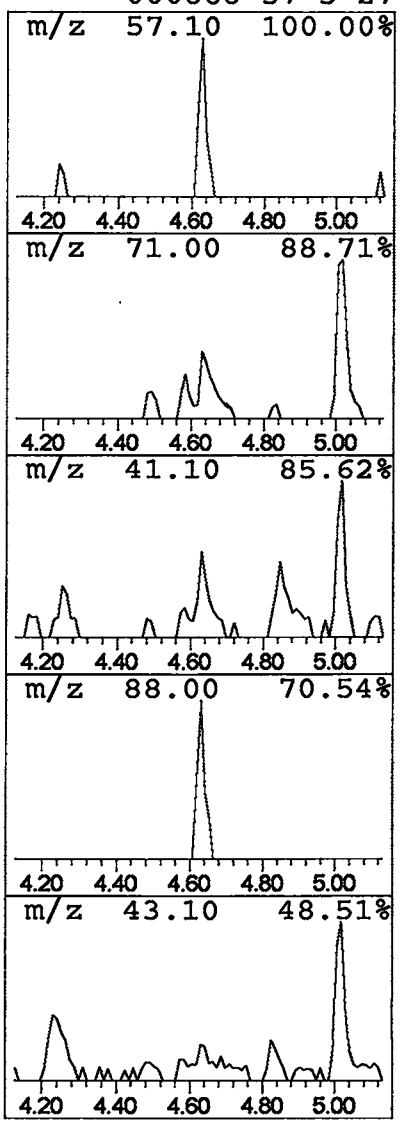
****

Peak Number 4 2-Buten-1-ol, 2-methyl- (CA... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	0.12 ug/L	58819	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, 2-methyl- (CAS) $$...	86	C5H10O	004675-87-0	46
2	2-Buten-1-ol, 2-methyl- (CAS) $$...	86	C5H10O	004675-87-0	38
3	2-Buten-1-ol, 3-methyl- (CAS) $$...	86	C5H10O	000556-82-1	35
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	27





NYC-WTC_000050490

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\5973N\02JAN24\00167.D Vial: 4
Acq On : 24 Jan 2002 2:09 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

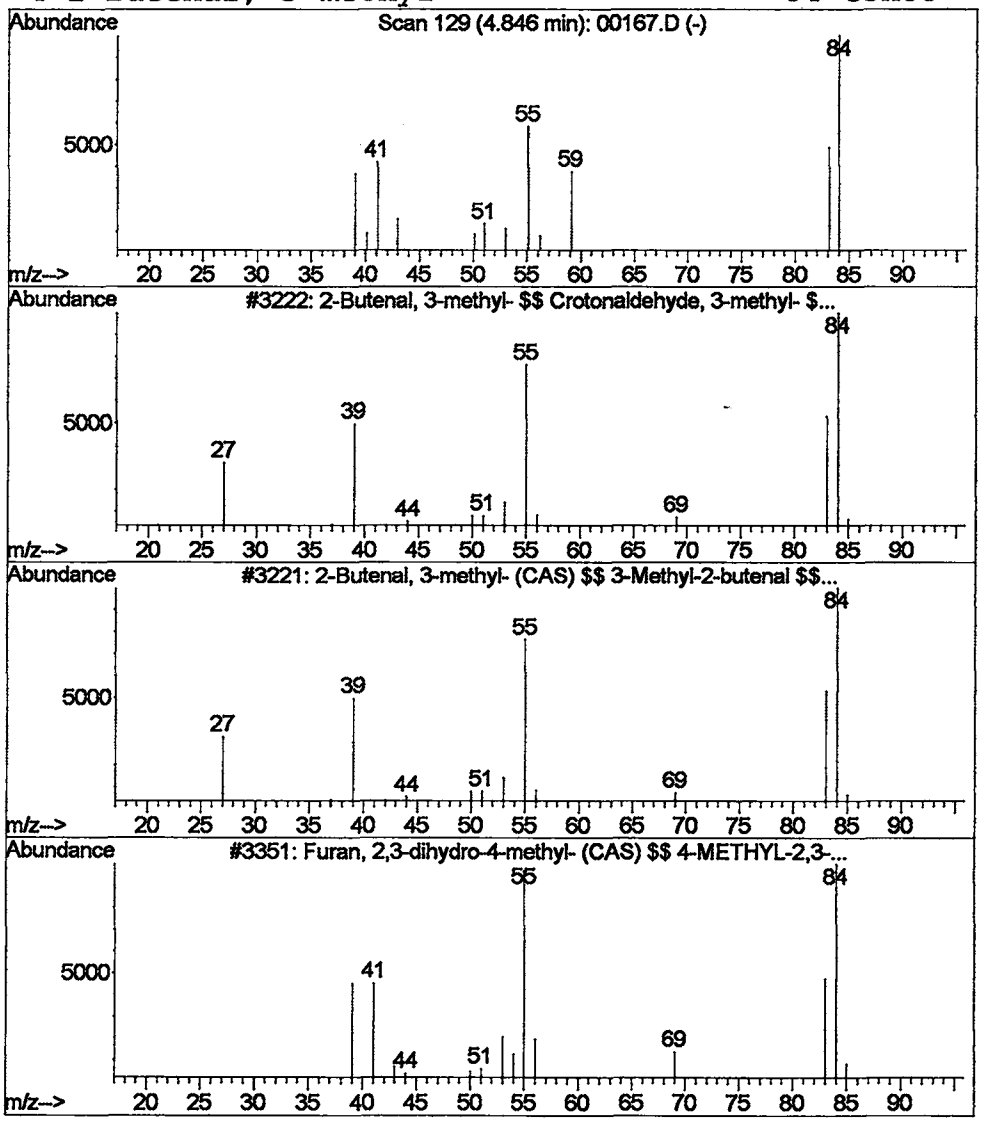
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

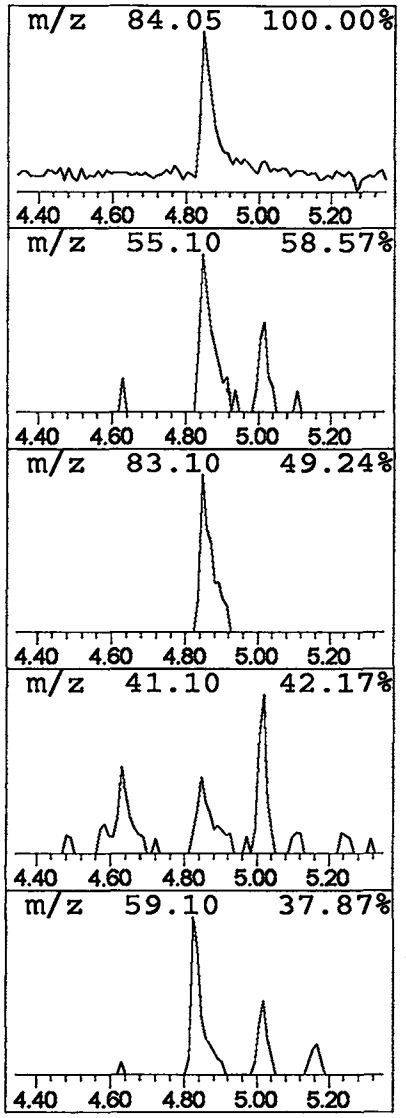
****

Peak Number 5 2-Butenal, 3-methyl- $$ Cro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	0.15 ug/L	74271	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl- $$ Crotonal...	84	C5H8O	000107-86-8	80
2	2-Butenal, 3-methyl- (CAS) $$ 3-...	84	C5H8O	000107-86-8	80
3	Furan, 2,3-dihydro-4-methyl- (CA...	84	C5H8O	034314-83-5	72
4	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	64





NYC-WTC_000050491

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\5973N\02JAN24\00167.D Vial: 4
Acq On : 24 Jan 2002 2:09 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

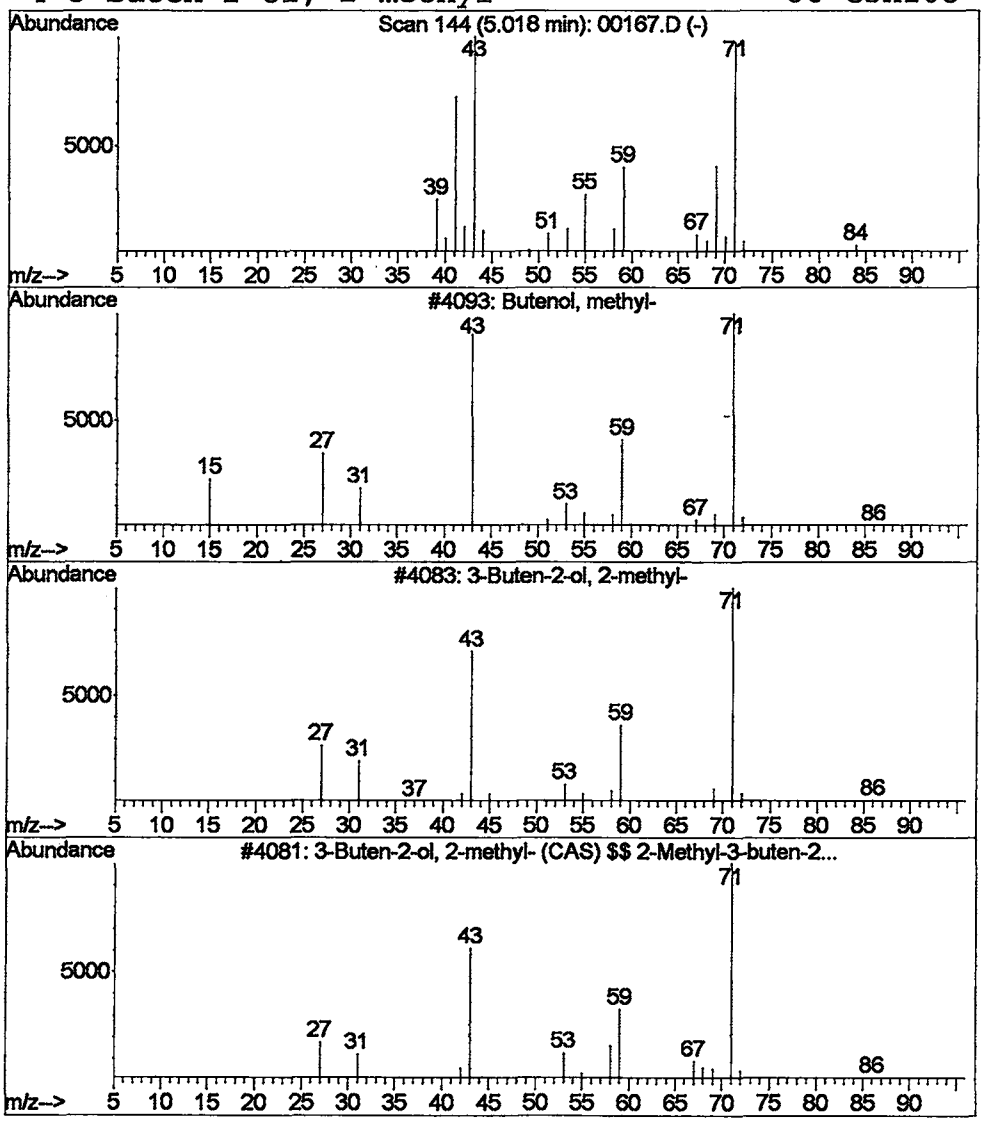
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

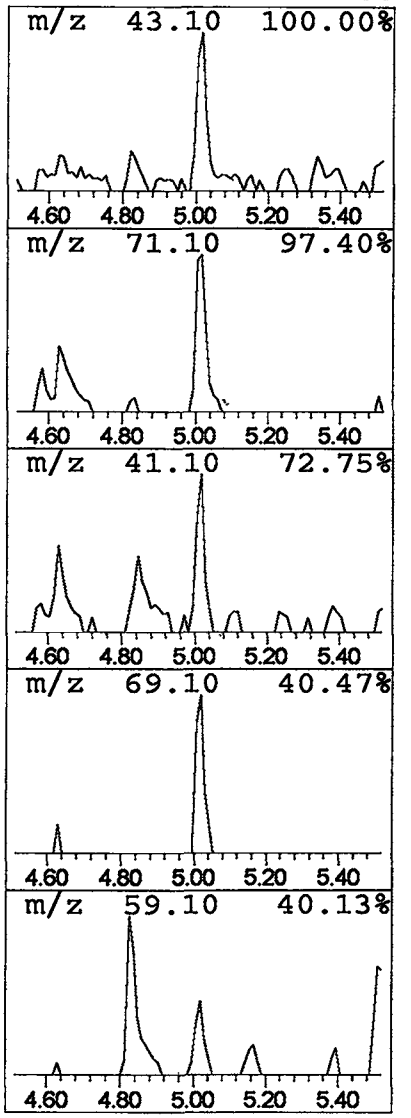
****

Peak Number 6 Butenol, methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	0.14 ug/L	66972	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butenol, methyl-	86	C5H10O	060766-00-9	80
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	64
3	3-Buten-2-ol, 2-methyl- (CAS) $$...	86	C5H10O	000115-18-4	64
4	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	56





NYC-WTC_000050492

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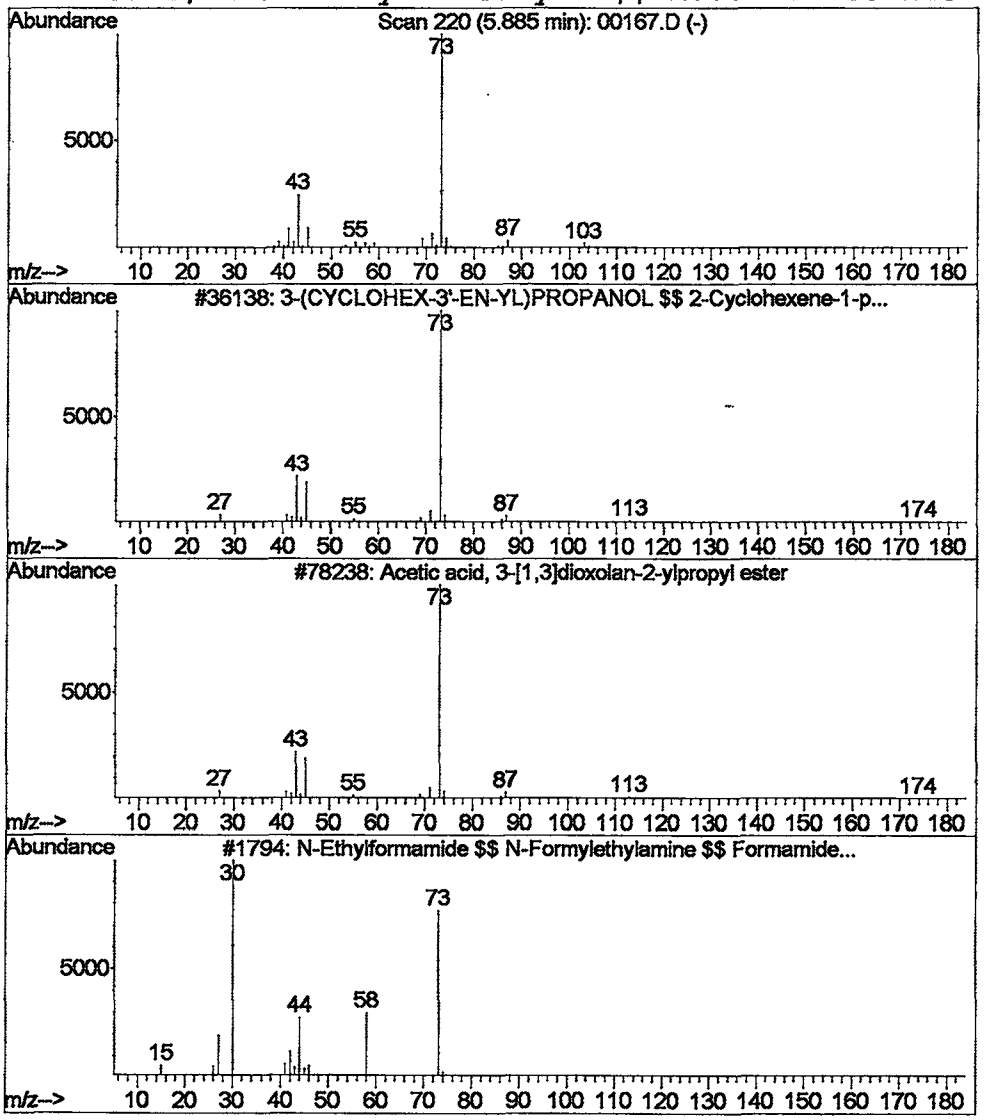
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

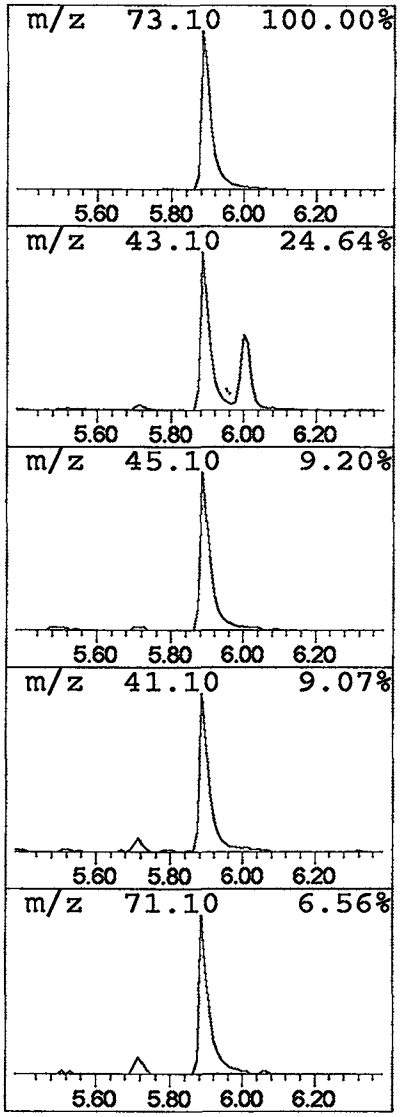
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.06 ug/L	1975320	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
3	N-Ethylformamide $$ N-Formylethy...	73	C3H7NO	000627-45-2	9
4	Butane, 2-methoxy-2-methyl- $$ E...	102	C6H14O	000994-05-8	9





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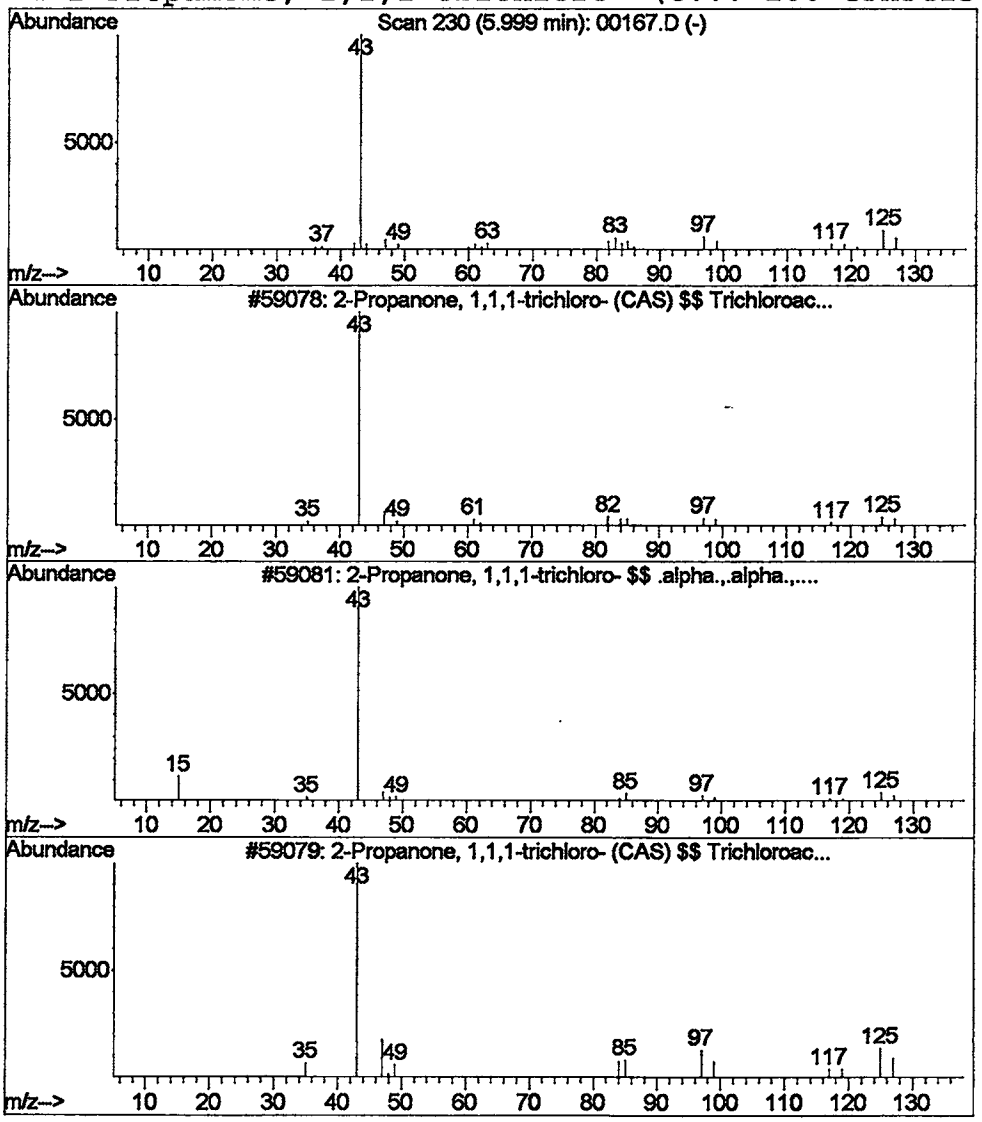
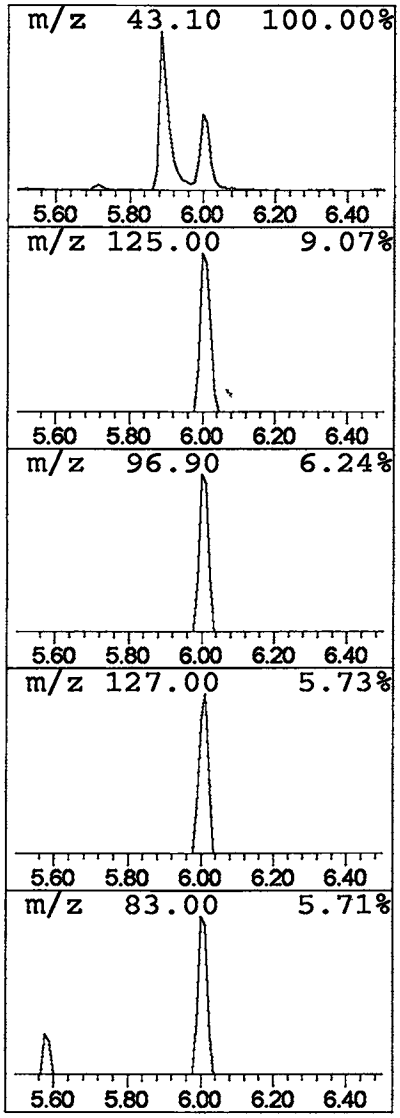
****

Peak Number 8 2-Propanone, 1,1,1-trichlor... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	0.52 ug/L	255532	1,4-Dichlorobenzene-d4	9.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	83
2	2-Propanone, 1,1,1-trichloro- $$...	160	C3H3Cl3O	000918-00-3	64
3	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	56
4	2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	42





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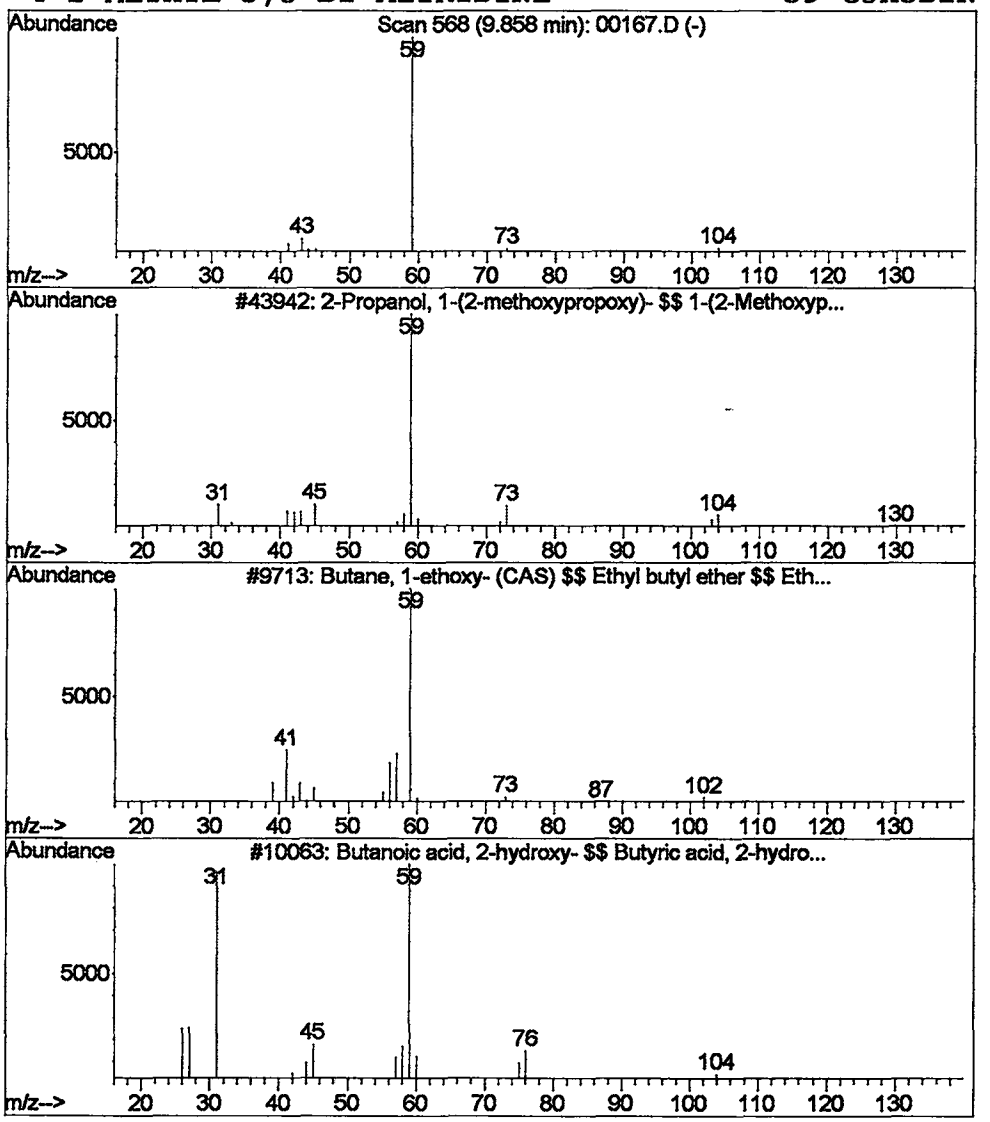
Library : C:\DATABASE\WILEY7N.L

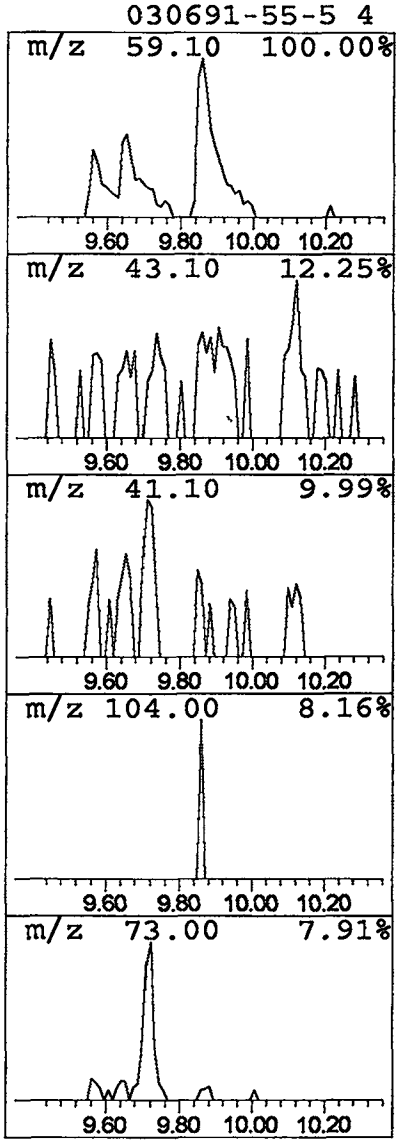
****

Peak Number 9 2-Propanol, 1-(2-methoxypro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	0.08 ug/L	39936	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	64
2	Butane, 1-ethoxy- (CAS) $$ Ethyl...	102	C6H14O	000628-81-9	9
3	Butanoic acid, 2-hydroxy- $$ But...	104	C4H8O3	000565-70-8	5
4	2-METHYL-3,3-D2-AZIRIDINE	59	C3H5D2N	030691-55-5	4





NYC-WTC_000050495

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\5973N\02JAN24\00167.D Vial: 4
Acq On : 24 Jan 2002 2:09 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

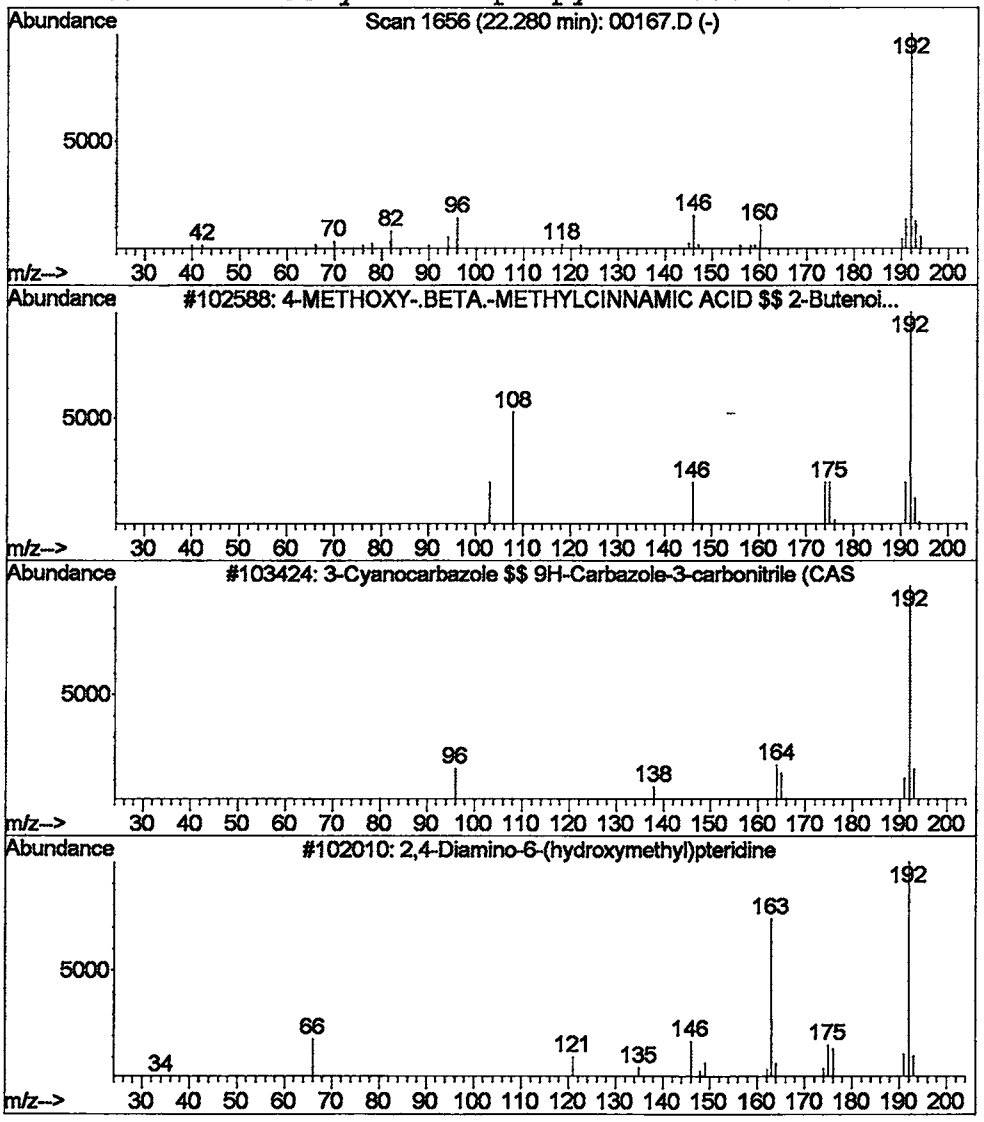
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

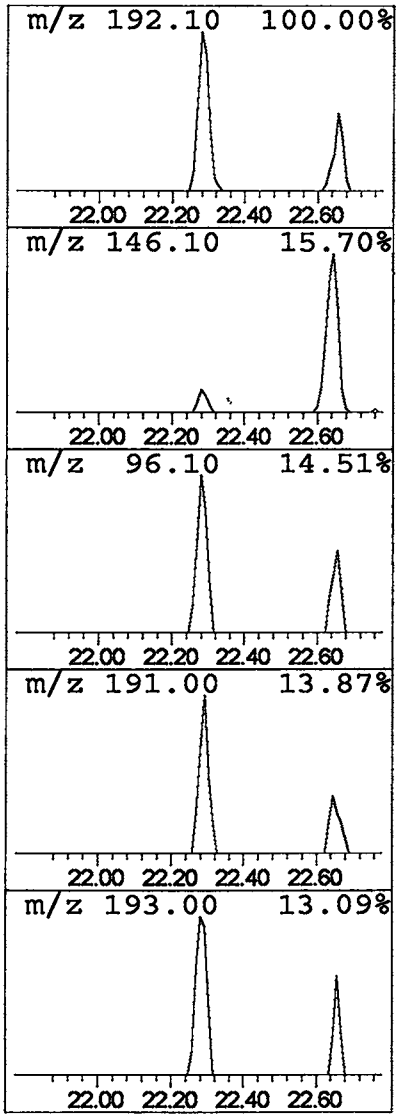
****

Peak Number 10 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.16 ug/L	127342	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	64
2	3-Cyanocarbazole $$ 9H-Carbazole...	192	C13H8N2	057102-93-9	59
3	2,4-Diamino-6-(hydroxymethyl)pte...	192	C7H8N6O	000945-24-4	59
4	1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50





NYC-WTC_000050496

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN24\00167.D Vial: 4
Acq On : 24 Jan 2002 2:09 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

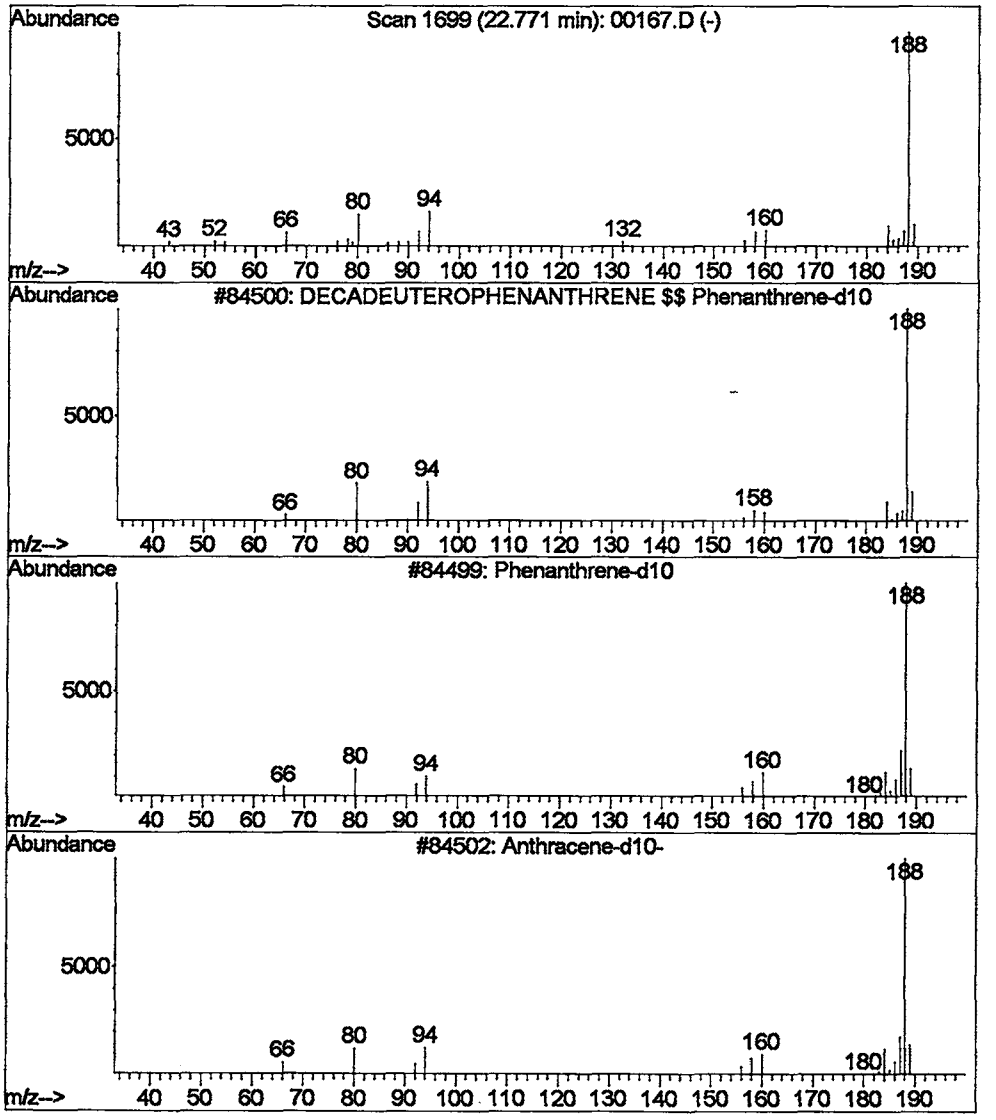
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

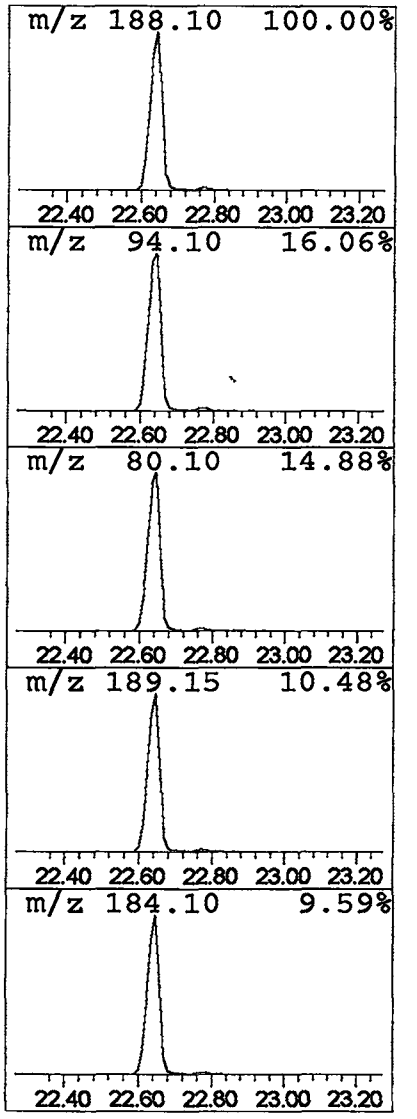
****

Peak Number 11 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.33 ug/L	262030	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	95
2	Phenanthrene-d10	188	C14D10	001517-22-2	87
3	Anthracene-d10-	188	C14D10	001719-06-8	87
4	Anthracene-D10	188	C14D10	000000-00-0	58





NYC-WTC_000050497

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN24\00167.D Vial: 4
Acq On : 24 Jan 2002 2:09 pm Operator:
Sample : 508scan Inst : Instrumen
Misc : January 24, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

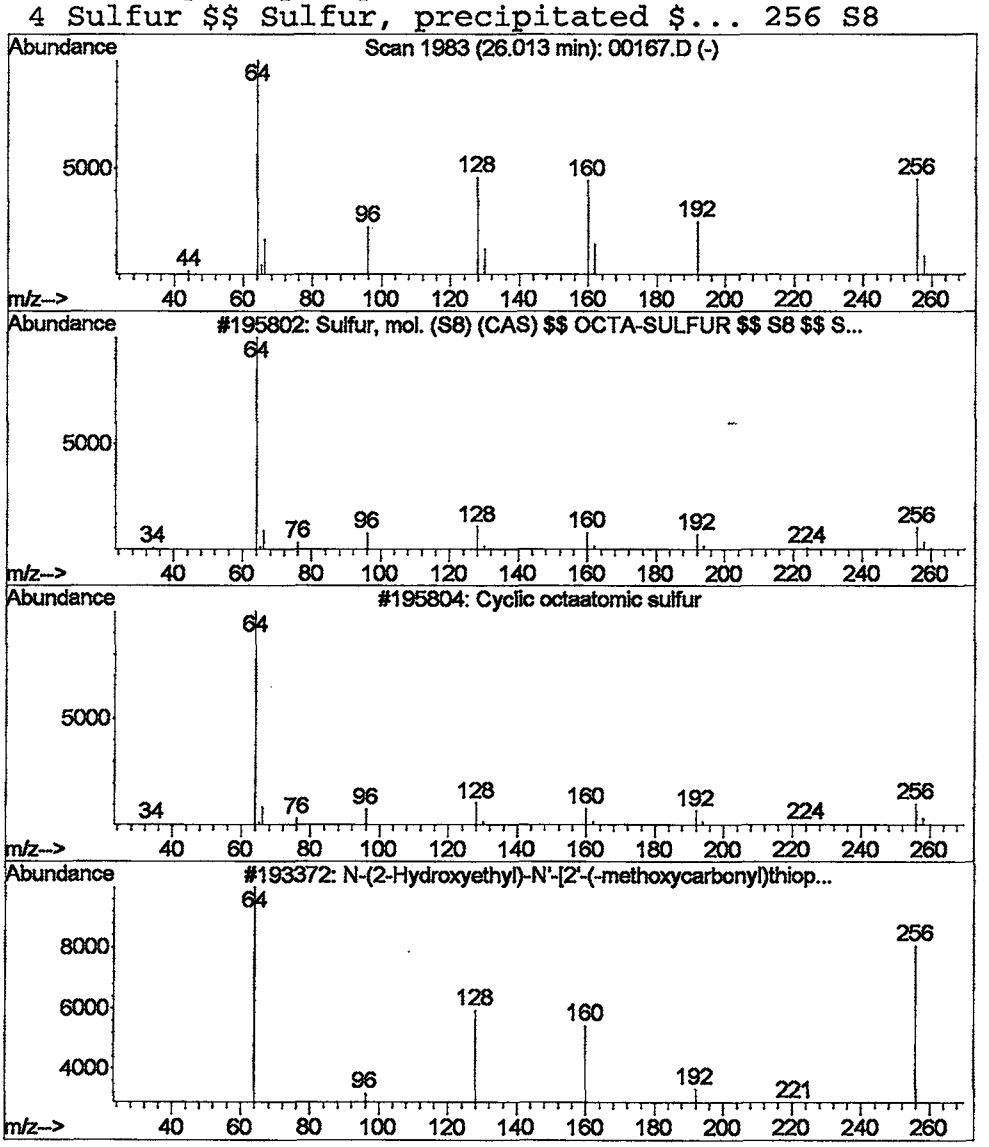
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

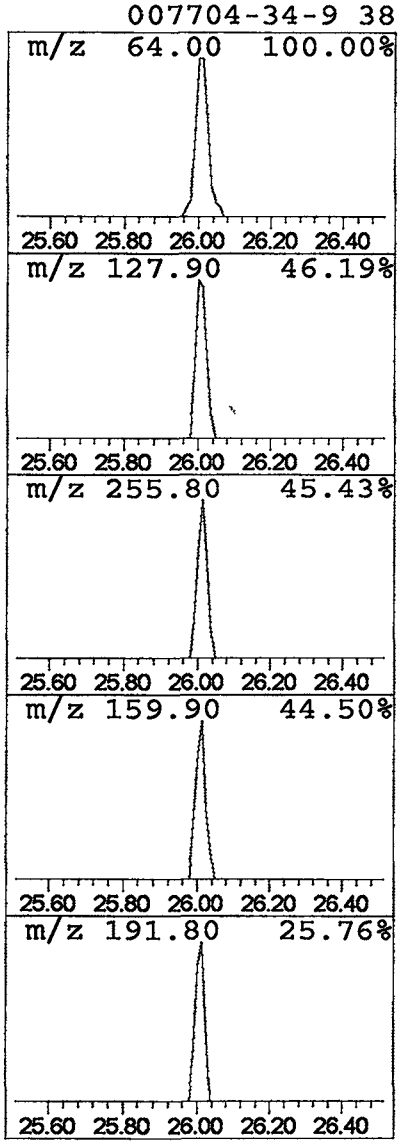
****

Peak Number 12 Sulfur, mol. (S8) (CAS) $$ ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.01	0.09 ug/L	67943	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur, mol. (S8) (CAS) $$ OCTA-...	256	S8	010544-50-0	64
2	Cyclic octaatomic sulfur	256	S8	010544-50-0	64
3	N-(2-Hydroxyethyl)-N'-[2'-(-meth...	255	C10H13N3O3S	000000-00-0	47
4	Sulfur $$ Sulfur, precipitated $...	256	S8	007704-34-9	38





NYC 9/11 Public Portal Document

Operator ID: Date Acquired: 24 Jan 2002 2:09 pm
Data File: C:\MSDCHEM\1\5973N\02JAN24\00167.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--- #	RT	Resp	Conc
Acetonitrile, dic...	3.49	0.3	ug/L	136162	1	9.72	9739240	20.0
Butanoic acid, me...	3.61	0.1	ug/L	59517	1	9.72	9739240	20.0
Thiazolidine (CAS...	4.25	0.1	ug/L	51991	1	9.72	9739240	20.0
2-Buten-1-ol, 2-m...	4.63	0.1	ug/L	58819	1	9.72	9739240	20.0
2-Butenal, 3-meth...	4.85	0.2	ug/L	74271	1	9.72	9739240	20.0
Butenol, methyl-	5.02	0.1	ug/L	66972	1	9.72	9739240	20.0
3-(CYCLOHEX-3'-EN...	5.89	4.1	ug/L	1975320	1	9.72	9739240	20.0
2-Propanone, 1,1,...	6.00	0.5	ug/L	255532	1	9.72	9739240	20.0
2-Propanol, 1-(2-...	9.86	0.1	ug/L	39936	1	9.72	9739240	20.0
4-METHOXY-.BETA.-...	22.28	0.2	ug/L	127342	4	22.65	15855900	20.0
DECADEUTEROPHENAN...	22.77	0.3	ug/L	262030	4	22.65	15855900	20.0
Sulfur, mol. (S8)...	26.01	0.1	ug/L	67943	4	22.65	15855900	20.0

NYC-WTC_000050499