NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 15:32:39

Sample: AD31670
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 15:32 Ended: 1/28/02 15:32 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		97		5.0

Comments for Sample AD31670 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 15:32:42

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 2 of the 43 compounds in the LCS Standard were above their acceptance ranges.

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN17\31670.D Vial: 5
Acq On : 17 Jan 2002 6:09 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 22 08:30:15 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	1540112	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	6423479	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3296149	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	5365893	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	4807738	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	3523589	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD	27.73	235	413135	4.87	ug/L	0.00
Spiked Amount 5.000			Recovery = 97.40%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	3.61	74	18161	0.28	ug/L #	15
20) Dimethylphthalate	18.34	163	534480	2.46	ug/L #	55
21) 2,6-Dinitrotoluene	18.34	165	416739	9.82	ug/L #	17
35) Di-n-butylphthalate	24.85	149	171010	0.49	ug/L	98
42) Bis(2-ethylhexyl)phthalate	31.11	149	12002	0.60	ug/L	80

(#) = qualifier out of range (m) = manual integration

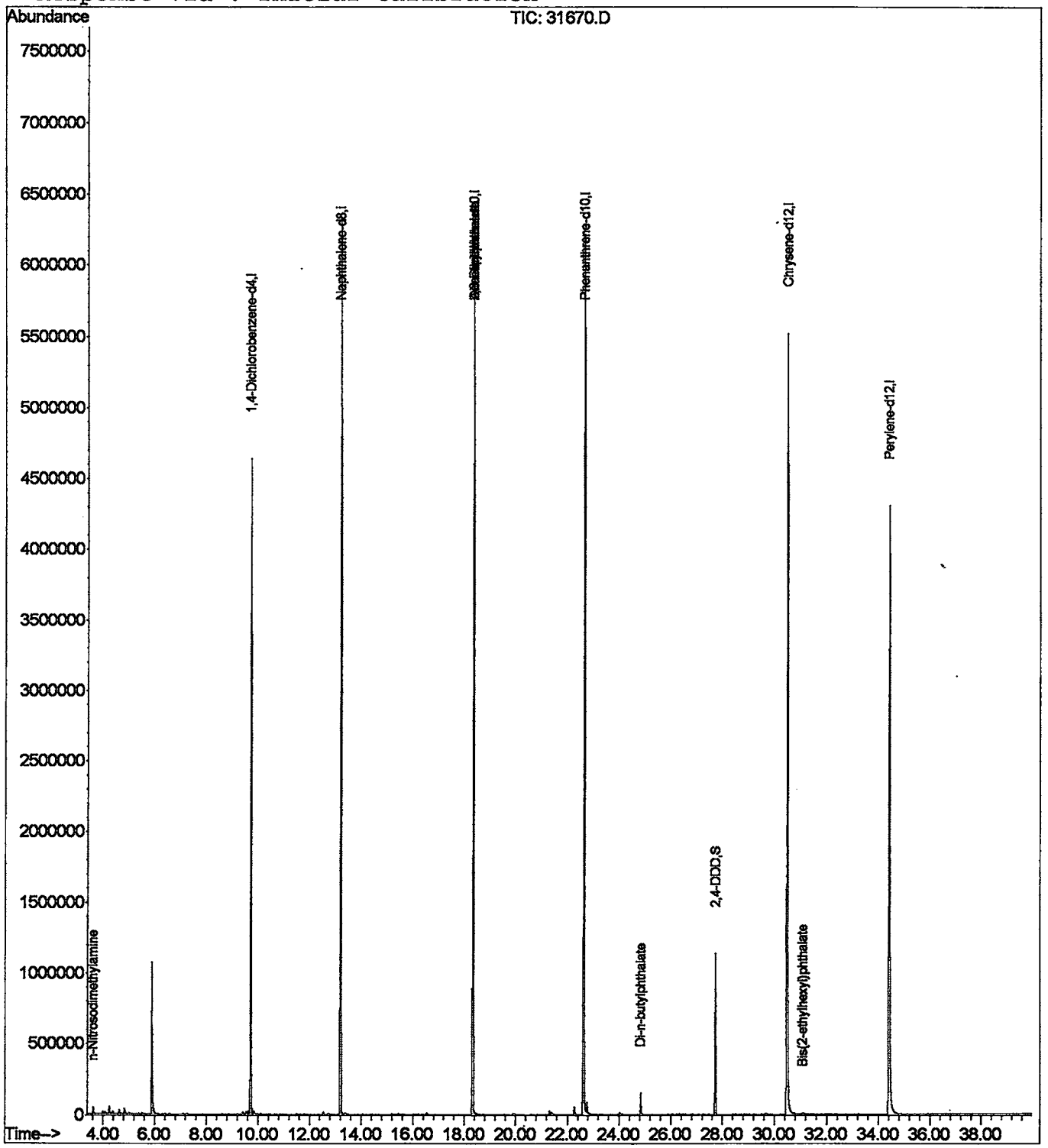
NYC-WTC_000050010

NYC 9/11 Public Portal Document

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN17\31670.D Vial: 5
Acq On : 17 Jan 2002 6:09 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: SPLIT.P
Quant Time: Jan 22 8:30 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_000050011

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\31670.D Vial: 5
Acq On : 17 Jan 2002 6:09 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 17, 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	48524	73193	0.51%	0.092%
2	4.241	69	76	81	rVV2	51722	108944	0.77%	0.136%
3	4.630	103	110	119	rVB3	31640	72700	0.51%	0.091%
4	4.835	123	128	139	rVB	44872	127994	0.90%	0.160%
5	5.886	215	220	249	rVB	1074391	1987457	13.97%	2.490%
6	9.539	537	540	545	rVV5	21571	50571	0.36%	0.063%
7	9.630	545	548	551	rVV	26238	53242	0.37%	0.067%
8	9.710	551	555	561	rVV	4638949	8791533	61.79%	11.015%
9	9.836	561	566	575	rVV	25905	83725	0.59%	0.105%
10	13.192	855	860	865	rBV	6319734	12372467	86.96%	15.501%
11	18.341	1305	1311	1315	rBV	6385797	13326543	93.66%	16.696%
12	21.333	1569	1573	1577	rBV	27400	47522	0.33%	0.060%
13	22.280	1653	1656	1661	rBV2	58186	106574	0.75%	0.134%
14	22.646	1681	1688	1693	rBV2	6213440	14228104	100.00%	17.826%
15	22.771	1695	1699	1707	rVB	84406	205113	1.44%	0.257%
16	24.027	1805	1809	1823	rVB	15547	48173	0.34%	0.060%
17	24.849	1877	1881	1889	rVB	154117	282226	1.98%	0.354%
18	27.726	2127	2133	2139	rBV	1138793	2014962	14.16%	2.524%
19	30.500	2369	2376	2381	rBV	5517028	13903588	97.72%	17.419%
20	34.416	2713	2719	2751	rBV2	4301091	11932474	83.87%	14.950%

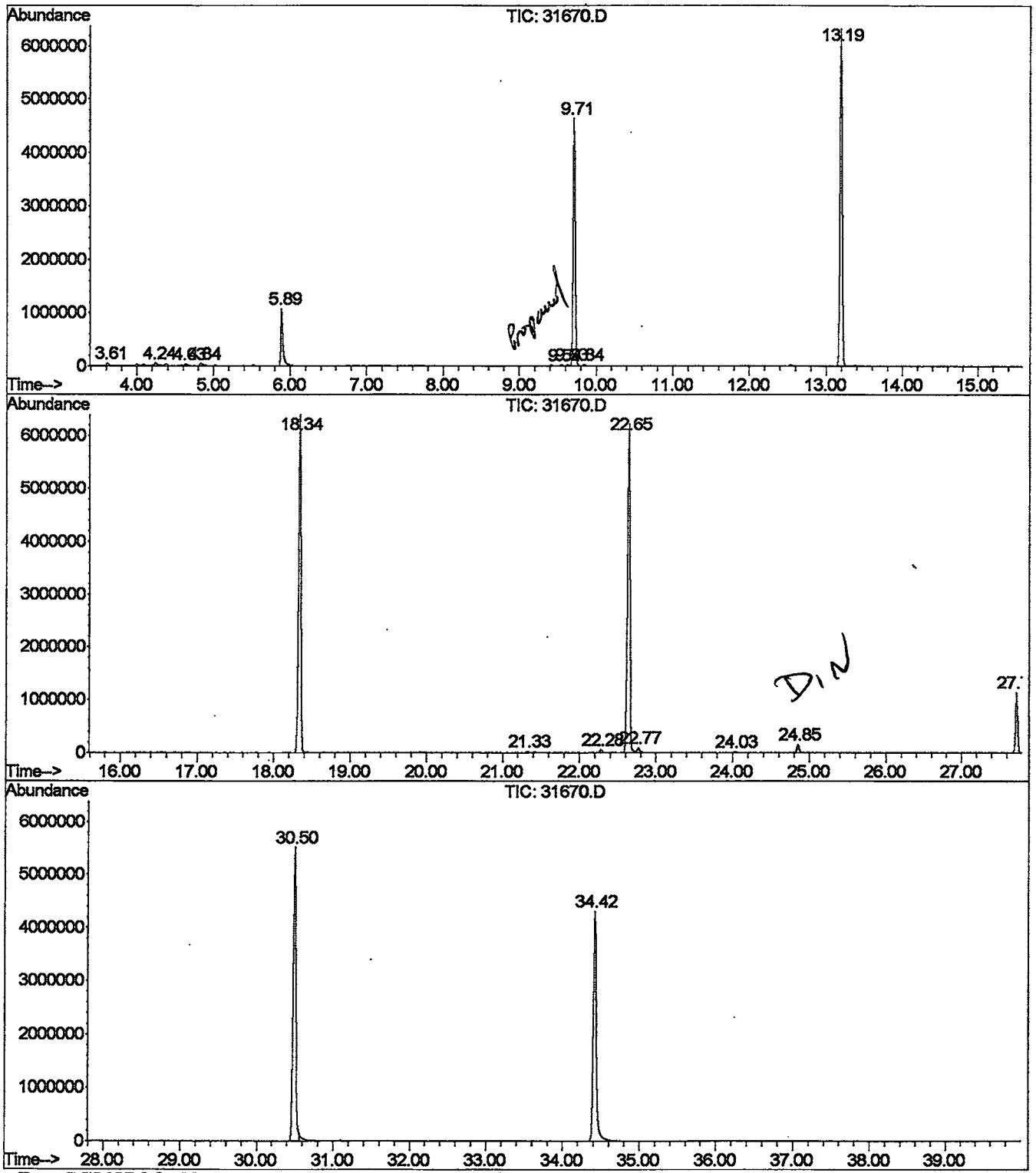
Sum of corrected areas: 79817105

NYC-WTC_000050012

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN17\31670.D
Operator :
Acquired : 17 Jan 2002 6:09 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : January 17, 2002
Vial Number: 5
Quant File :SCAN508.RES (RTE Integrator)



NYC-WTC_000050013

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\5973N\02JAN17\31670.D Vial: 5
Acq On : 17 Jan 2002 6:09 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

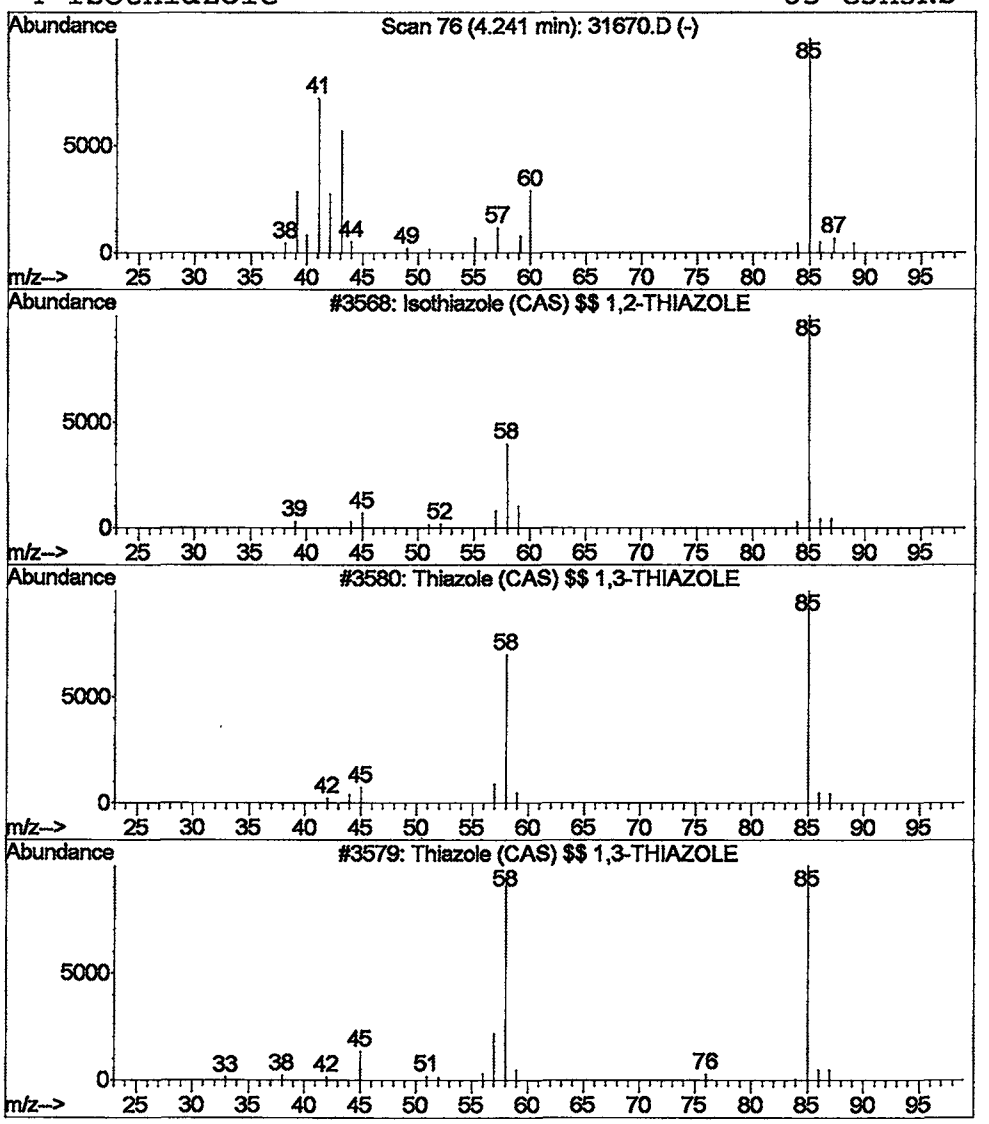
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

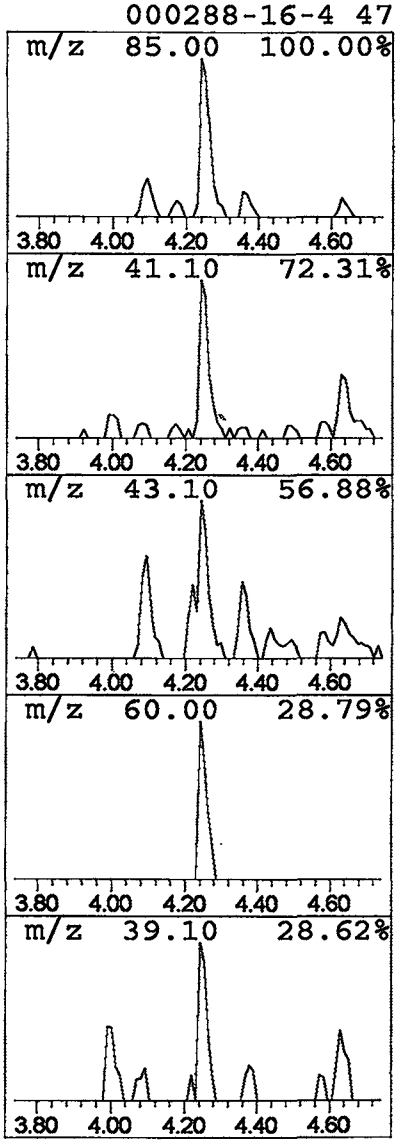
****

Peak Number 1 Isothiazole (CAS) $$ 1,2-TH... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	0.25 ug/L	108944	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazole (CAS) $$ 1,2-THIAZOLE	85	C3H3NS	000288-16-4	58
2	Thiazole (CAS) $$ 1,3-THIAZOLE	85	C3H3NS	000288-47-1	50
3	Thiazole (CAS) $$ 1,3-THIAZOLE	85	C3H3NS	000288-47-1	47
4	Isothiazole	85	C3H3NS	000288-16-4	47





NYC-WTC_000050014

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\31670.D Vial: 5
Acq On : 17 Jan 2002 6:09 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

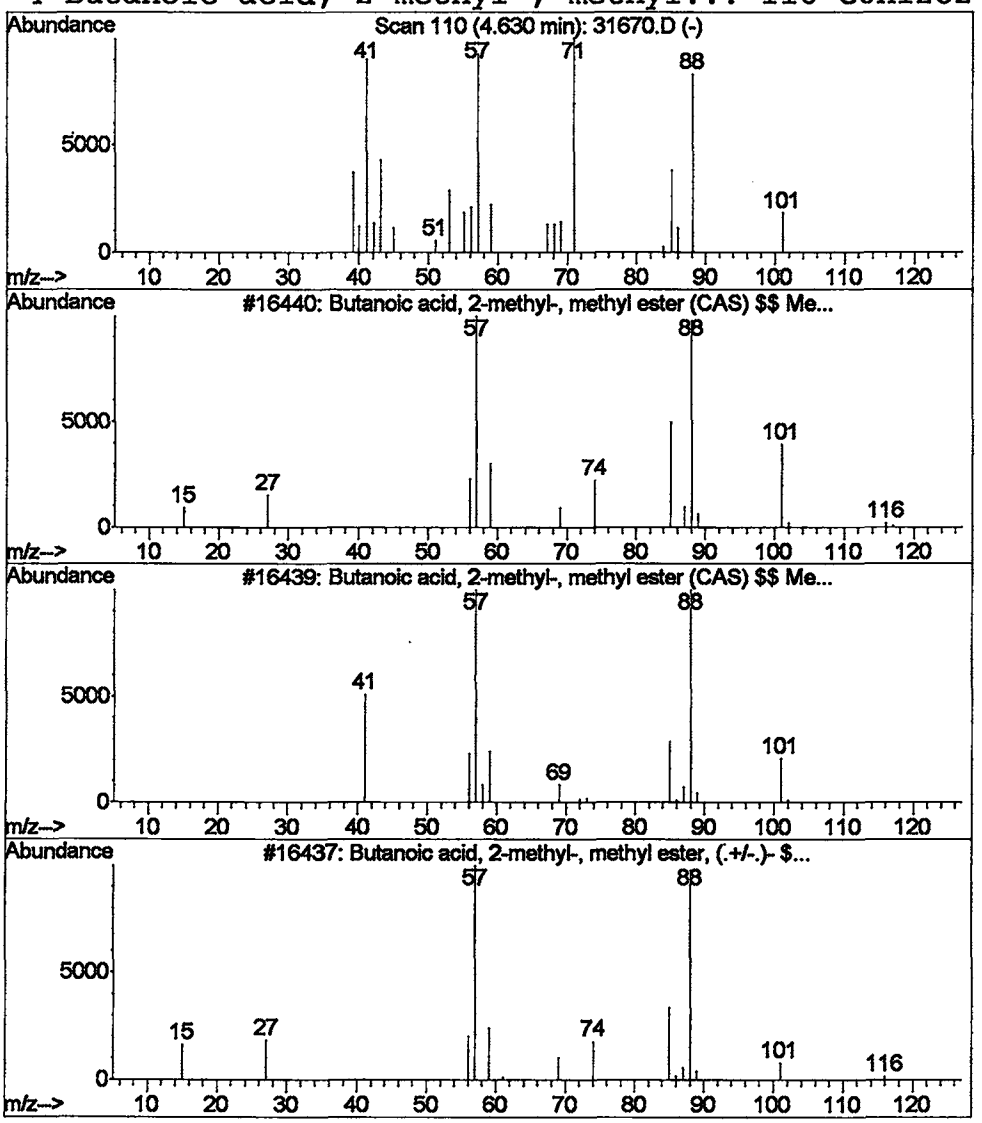
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

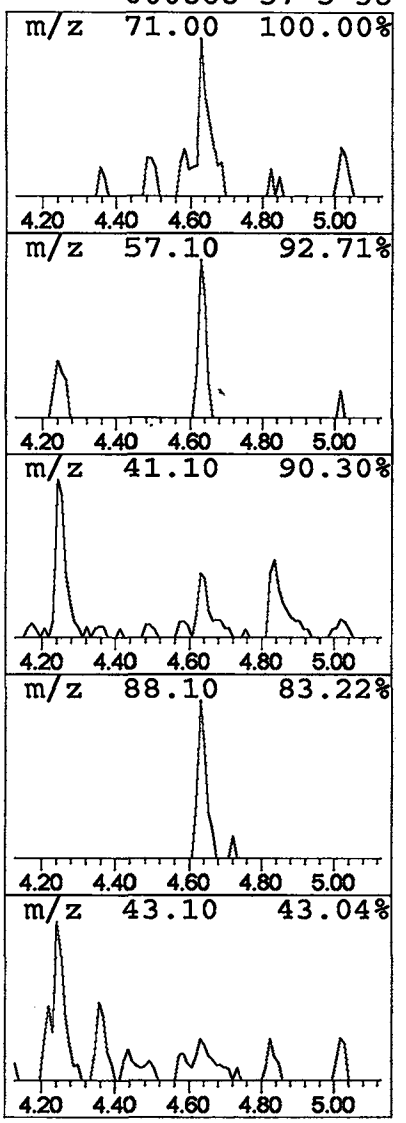
****

Peak Number 2 Butanoic acid, 2-methyl-, m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	0.17 ug/L	72700	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	50
2	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	43
3	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	053955-81-0	38
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	38





NYC-WTC_000050015

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\5973N\02JAN17\31670.D Vial: 5
Acq On : 17 Jan 2002 6:09 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

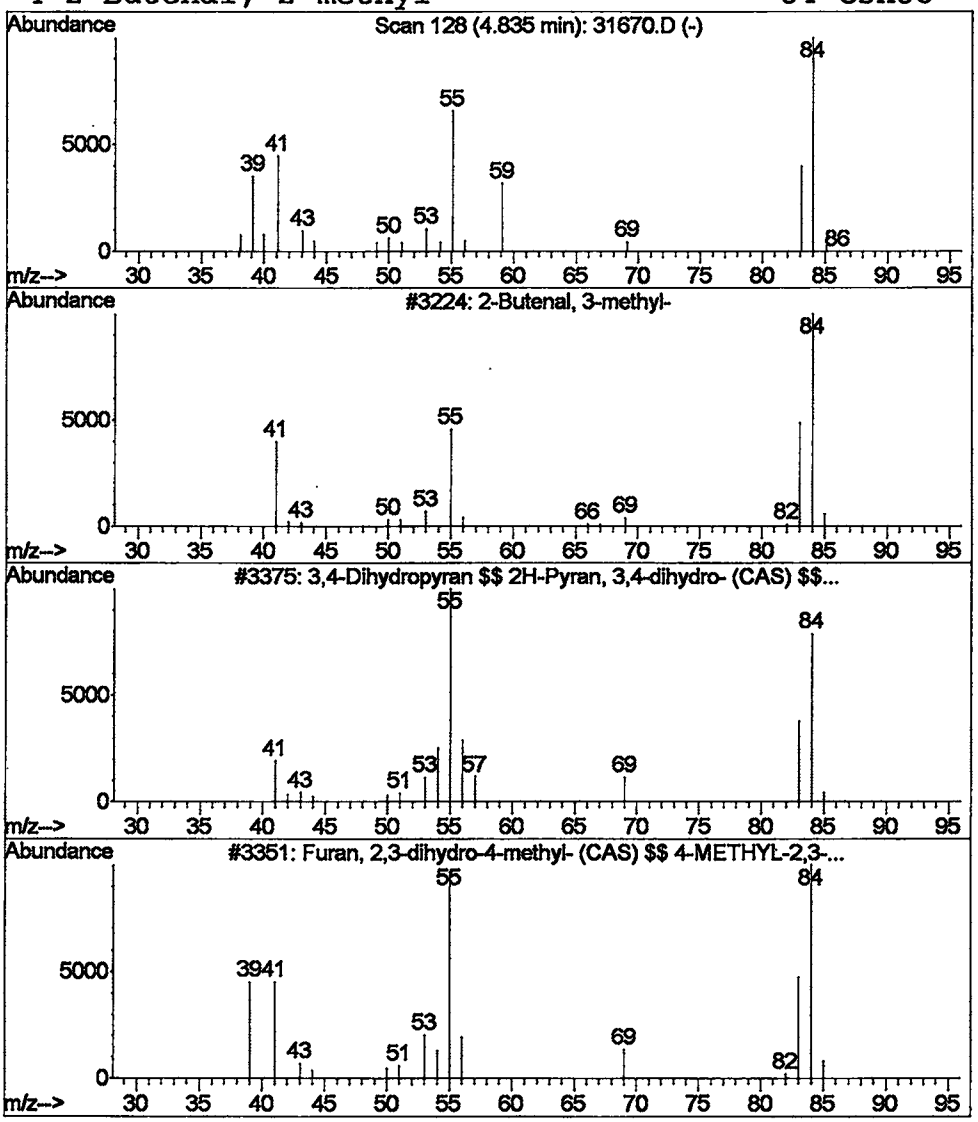
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

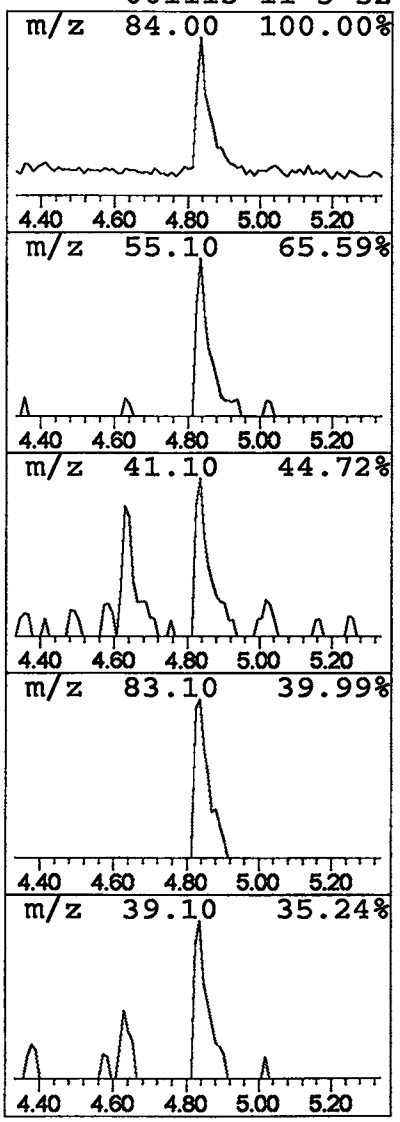
****

Peak Number 3 2-Butenal, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	0.29 ug/L	127994	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	74
2	3,4-Dihydropyran $$ 2H-Pyran, 3,...	84	C5H8O	000110-87-2	74
3	Furan, 2,3-dihydro-4-methyl- (CA...	84	C5H8O	034314-83-5	59
4	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	52





NYC-WTC_000050016

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\5973N\02JAN17\31670.D Vial: 5
Acq On : 17 Jan 2002 6:09 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

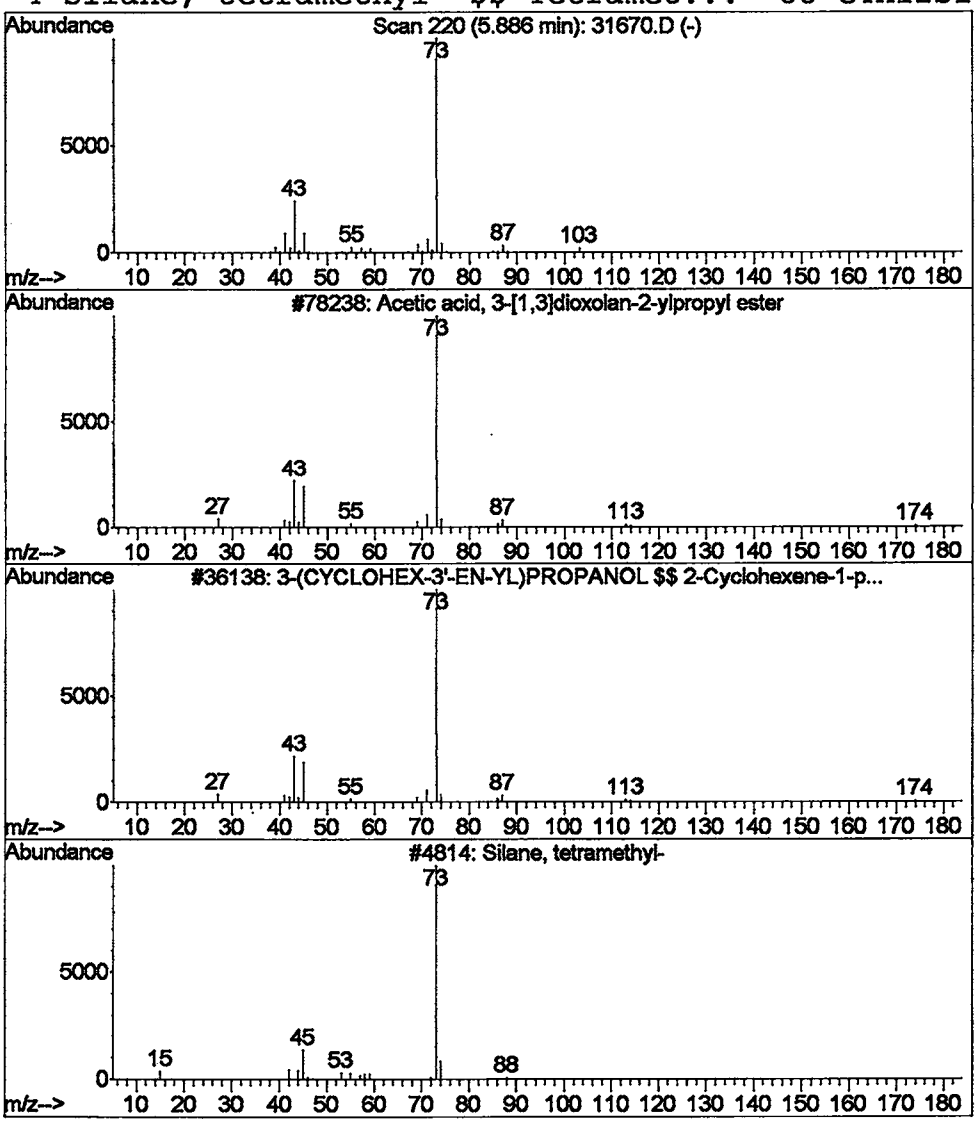
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

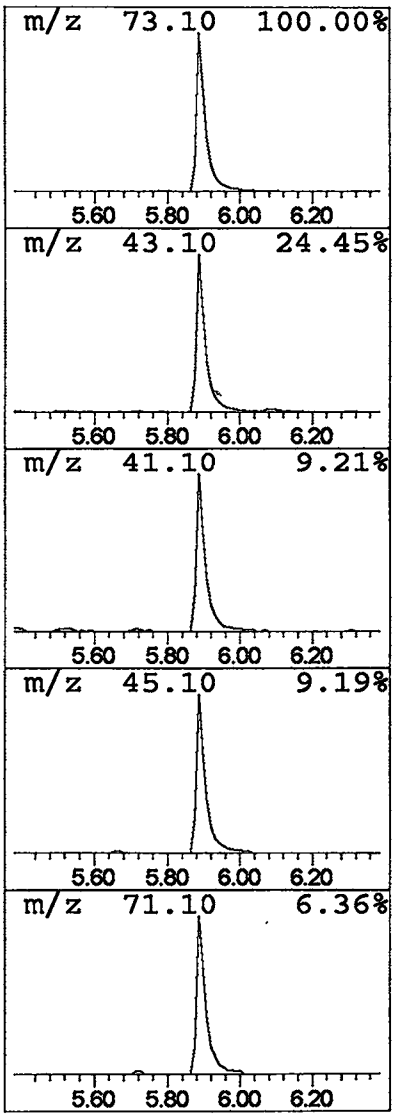
****

Peak Number 4 Acetic acid, 3-[1,3]dioxola... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	4.52 ug/L	1987460	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
2	3-(CYCLOHEX-3'-EN-YL)PROPANOL $$...	174	C8H14O4	015745-87-6	33
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	Silane, tetramethyl- $$ Tetramet...	88	C4H12Si	000075-76-3	9





NYC-WTC_000050017

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\5973N\02JAN17\31670.D Vial: 5
Acq On : 17 Jan 2002 6:09 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

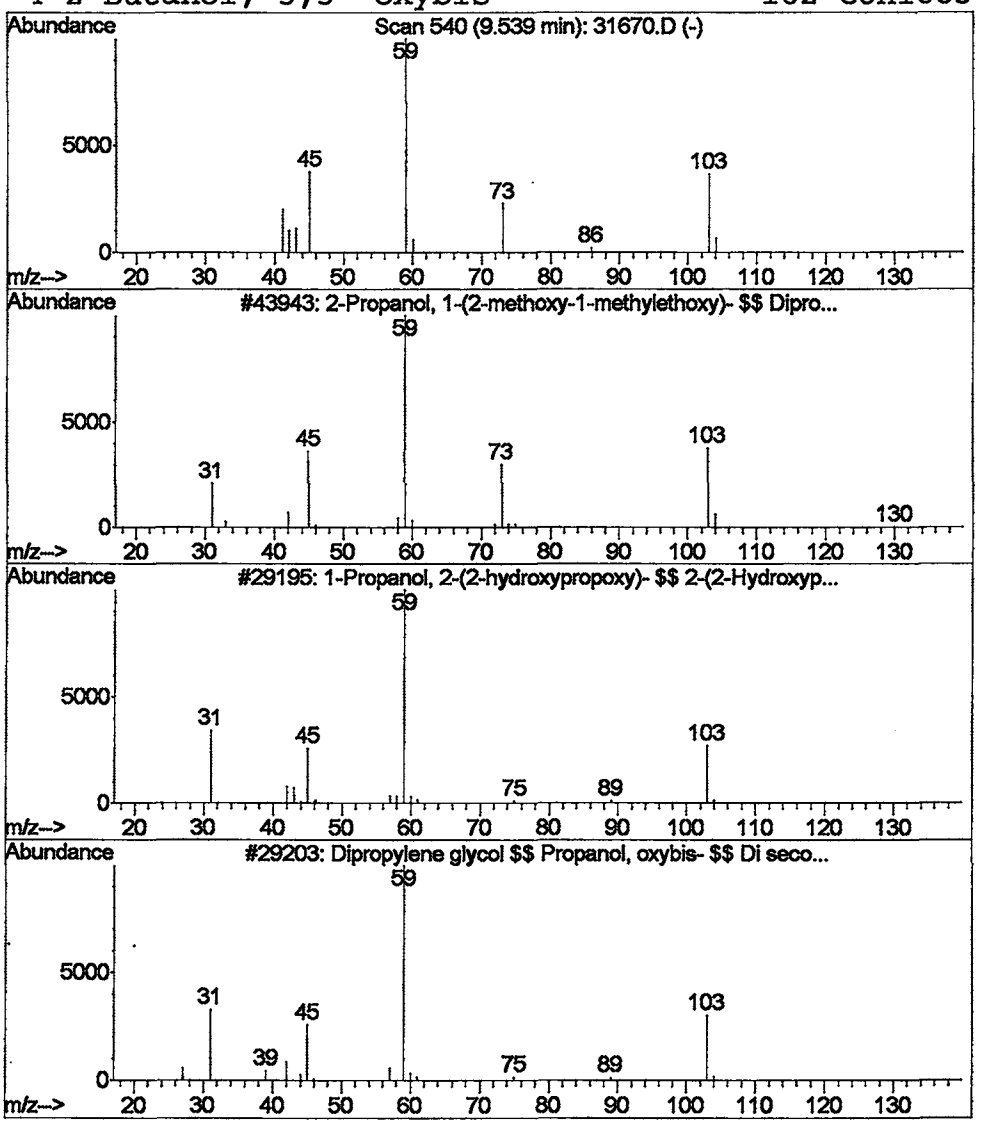
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

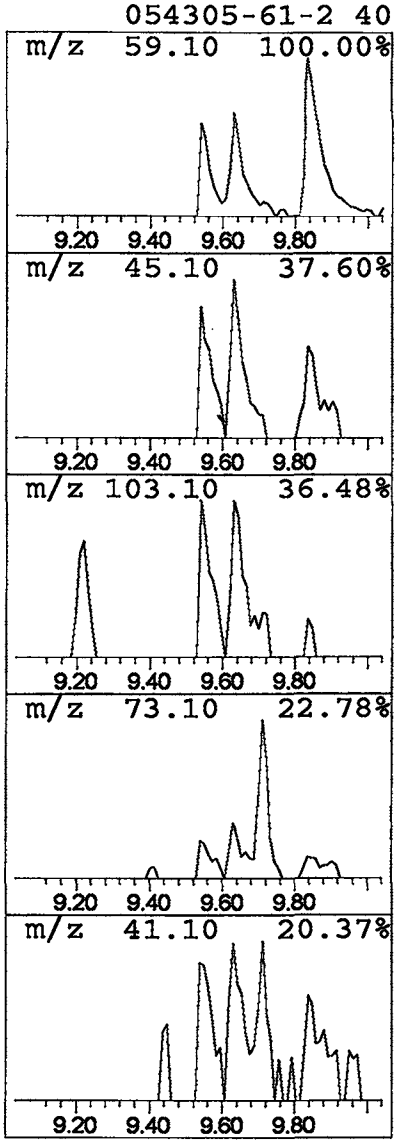
****

Peak Number 5 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	0.12 ug/L	50571	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
2	1-Propanol, 2-(2-hydroxypropoxy)...	134	C6H14O3	000106-62-7	56
3	Dipropylene glycol $$ Propanol, ...	134	C6H14O3	025265-71-8	40
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	40





NYC-WTC_000050018

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\31670.D Vial: 5
Acq On : 17 Jan 2002 6:09 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

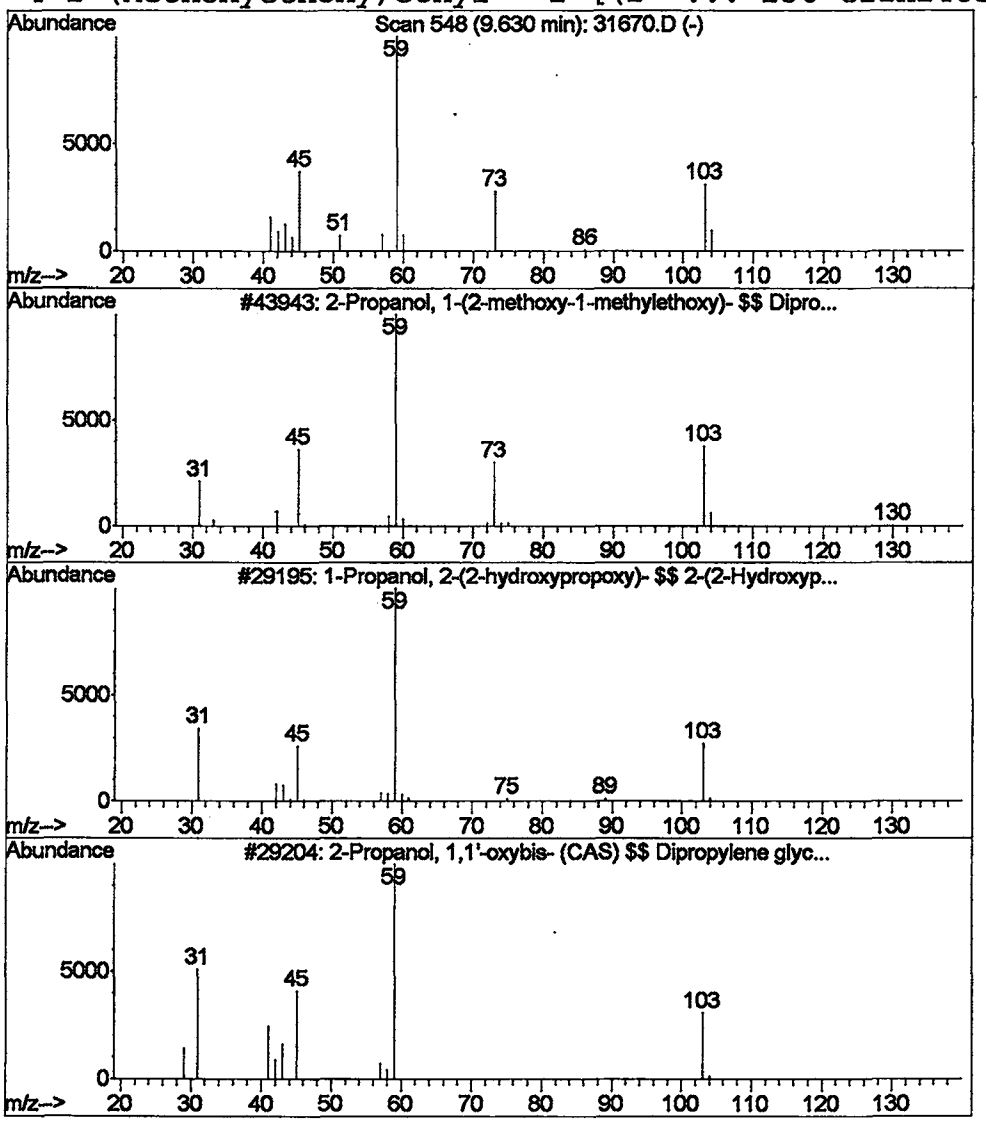
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

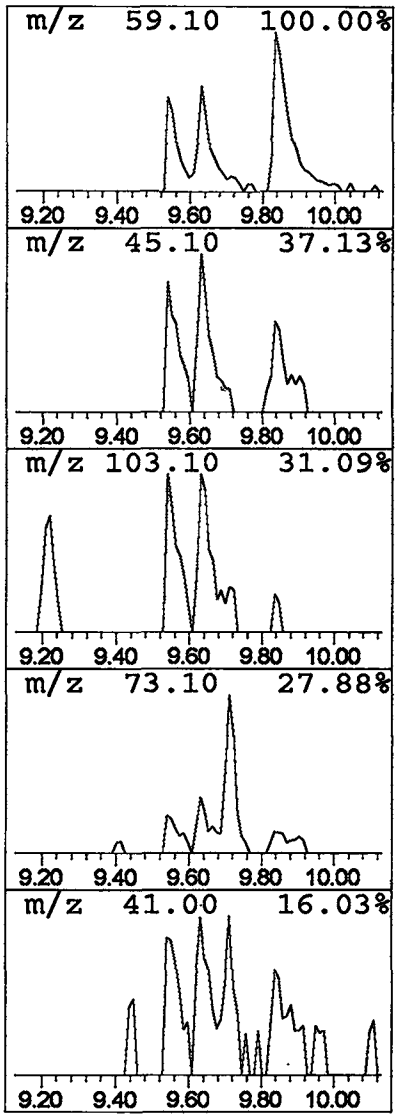
****

Peak Number 6 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	0.12 ug/L	53242	1,4-Dichlorobenzene-d4	9.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	78
2	1-Propanol, 2-(2-hydroxypropoxy)...	134	C6H14O3	000106-62-7	64
3	2-Propanol, 1,1'-oxybis- (CAS) $...	134	C6H14O3	000110-98-5	59
4	2-(Methoxyethoxy)ethyl 2-[(2'-...	236	C11H24O5	000000-00-0	50





NYC-WTC_000050019

NYC 9/11 Public Portal Document

Data File : C:\MSDCHEM\1\5973N\02JAN17\31670.D Vial: 5
Acq On : 17 Jan 2002 6:09 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

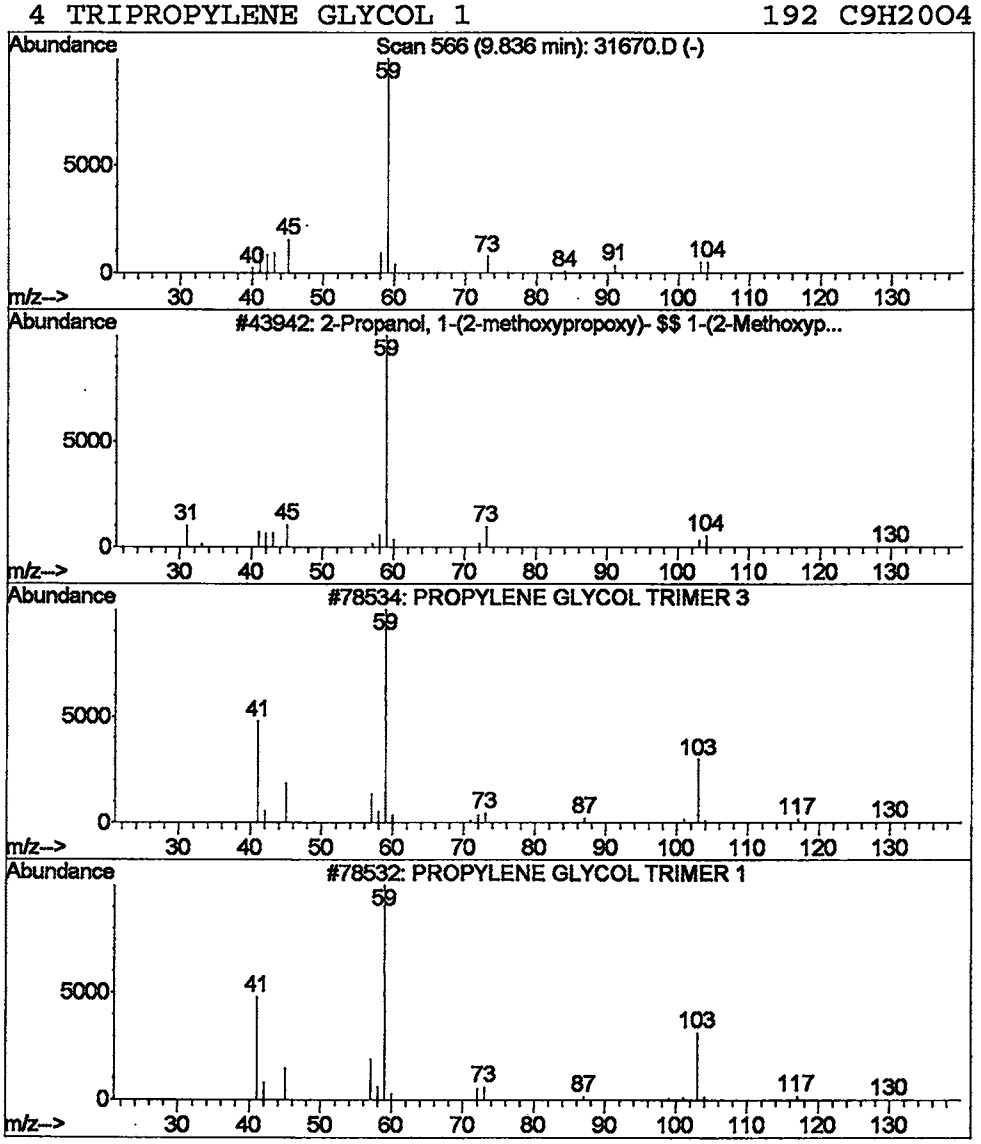
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

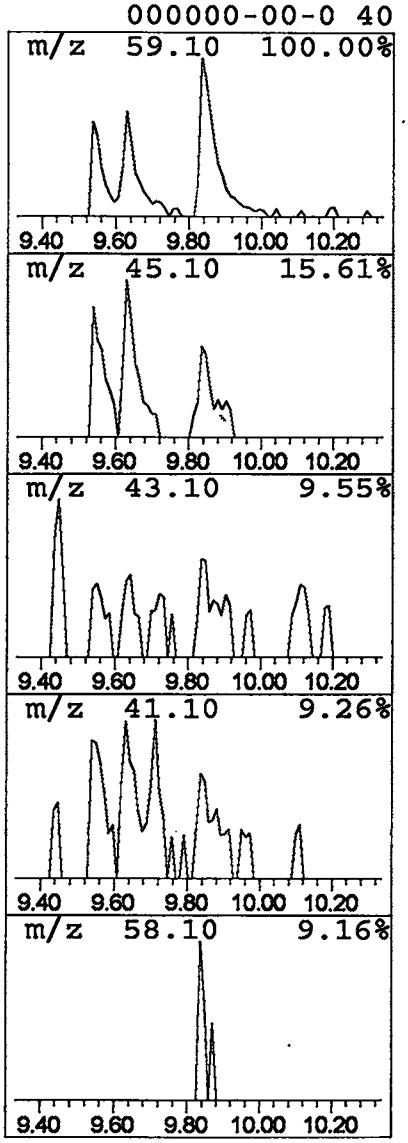
****

Peak Number 7 2-Propanol, 1-(2-methoxypro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	0.19 ug/L	83725	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	PROPYLENE GLYCOL TRIMER 3	174	C9H18O3	000000-00-0	64
3	PROPYLENE GLYCOL TRIMER 1	174	C9H18O3	000000-00-0	56
4	TRIPROPYLENE GLYCOL 1	192	C9H20O4	000000-00-0	40





NYC-WTC_000050020

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\31670.D Vial: 5
Acq On : 17 Jan 2002 6:09 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

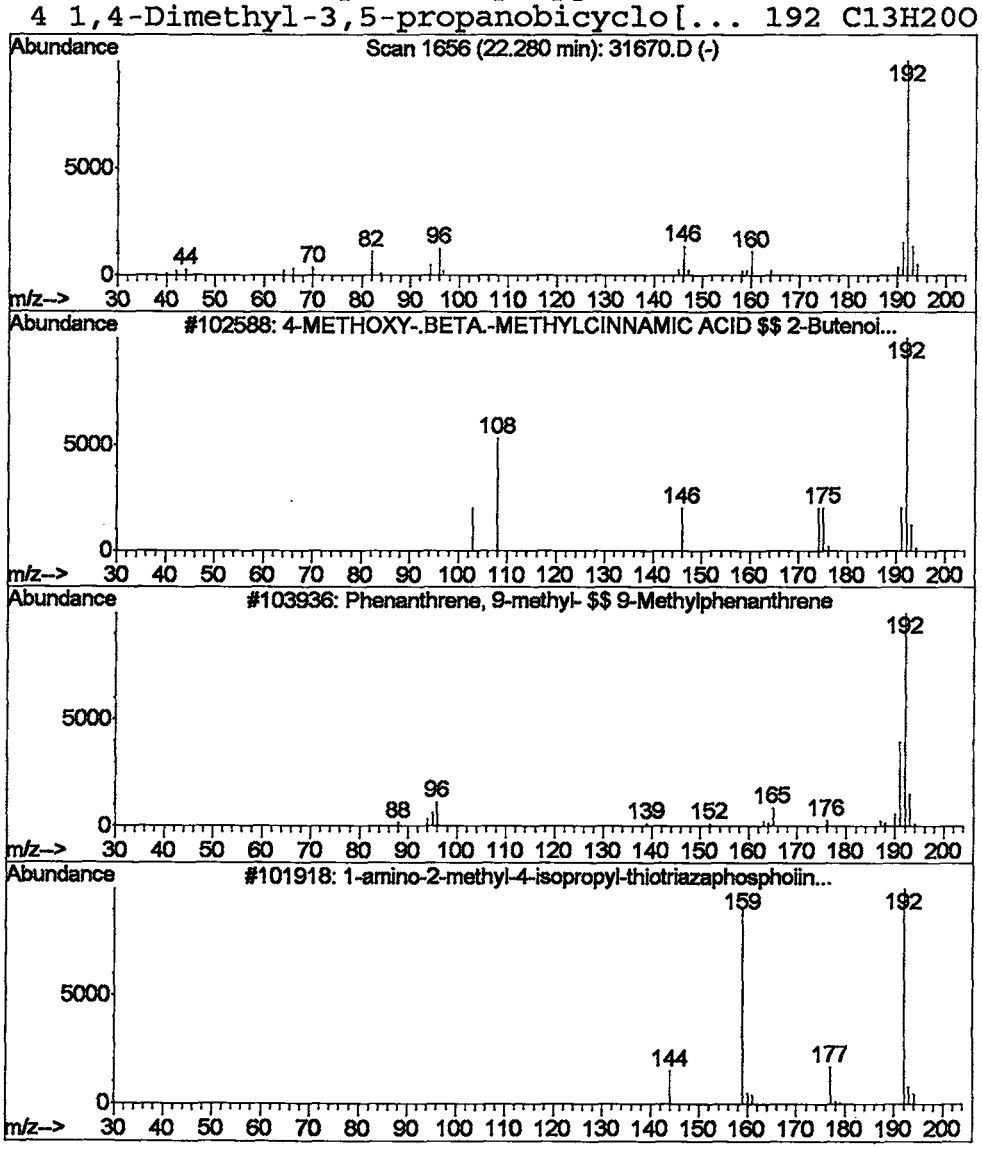
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

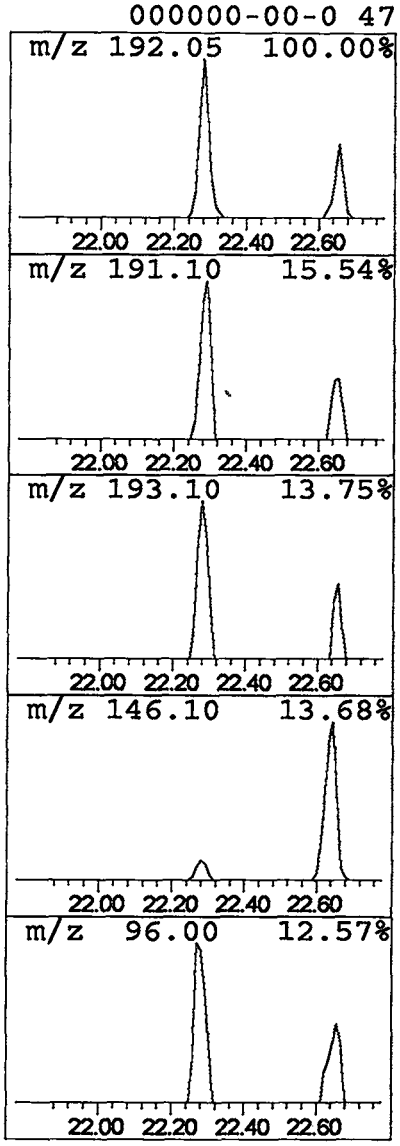
****

Peak Number 8 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.15 ug/L	106574	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	Phenanthrene, 9-methyl- $$ 9-Met...	192	C15H12	000883-20-5	53
3	1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50
4	1,4-Dimethyl-3,5-propanobicyclo[...	192	C13H20O	000000-00-0	47





NYC-WTC_000050021

Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN17\31670.D Vial: 5
Acq On : 17 Jan 2002 6:09 pm Operator:
Sample : 508 scan Inst : Instrumen
Misc : January 17, 2002 Multiplr: 1.00
MS Integration Params: LSCINT.P

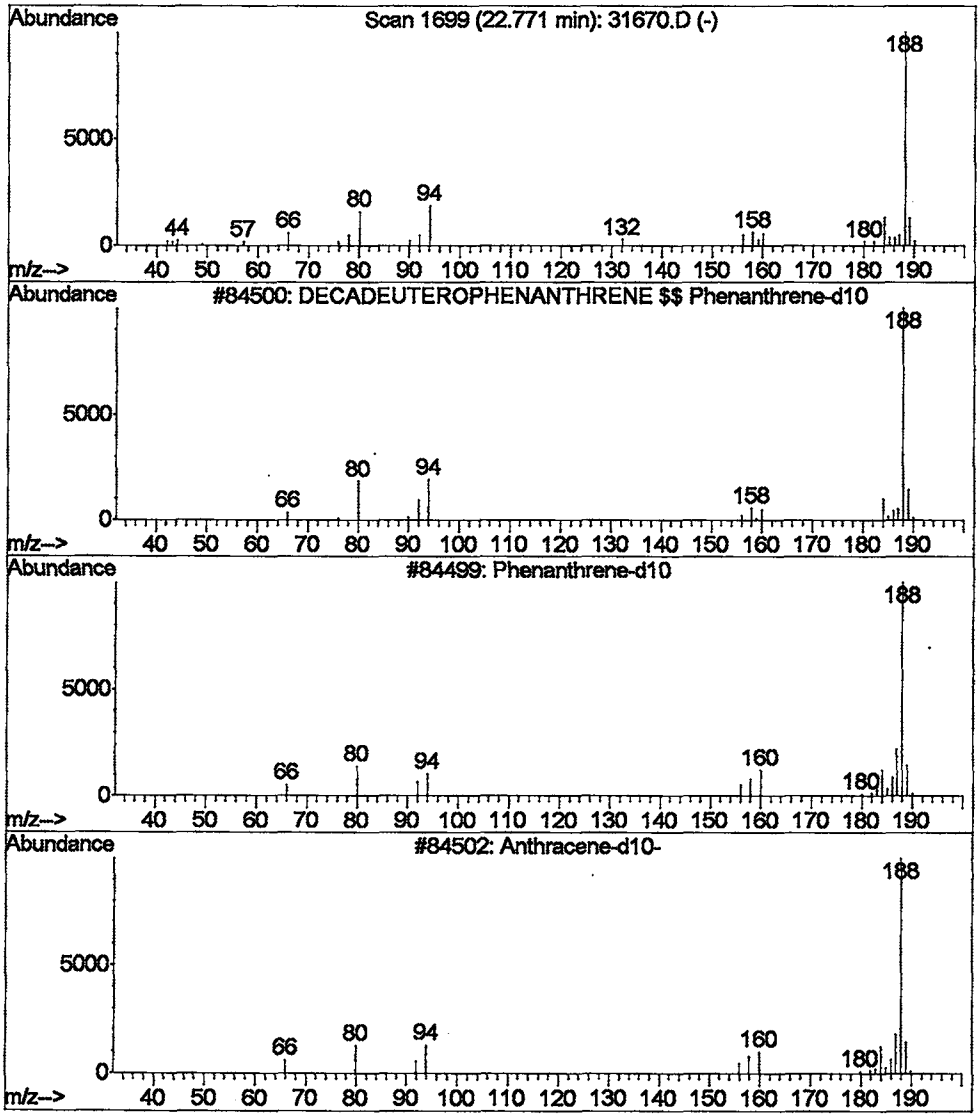
Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

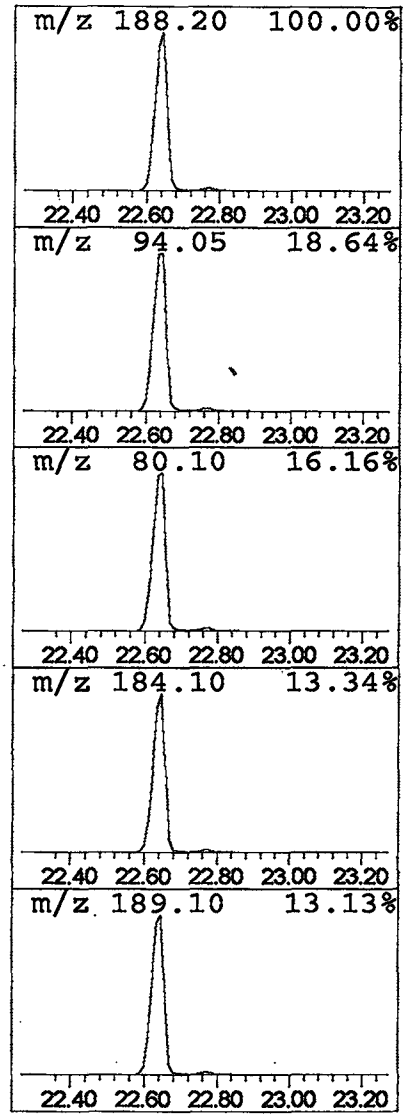
****

Peak Number 9 DECADEUTEROPHENANTHRENE $$ ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.29 ug/L	205113	Phenanthrene-d10	22.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	DECADEUTEROPHENANTHRENE $$ Phena...	188	C14D10	001517-22-2	93
2	Phenanthrene-d10	188	C14D10	001517-22-2	90
3	Anthracene-d10-	188	C14D10	001719-06-8	87
4	Anthracene-D10	188	C14D10	000000-00-0	87





NYC 9/11 Public Portal Document

Tentatively Identified Compound (TIC) Summary

Operator ID: Date Acquired: 17 Jan 2002 6:09 pm
Data File: C:\MSDCHEM\1\5973N\02JAN17\31670.D
Name: 508 scan
Misc: January 17, 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
Isothiazole (CAS)...	4.24	0.2	ug/L	108944	1	9.71	8791530	20.0
Butanoic acid, 2-...	4.63	0.2	ug/L	72700	1	9.71	8791530	20.0
2-Butenal, 3-methyl-	4.84	0.3	ug/L	127994	1	9.71	8791530	20.0
Acetic acid, 3-[1...	5.89	4.5	ug/L	1987460	1	9.71	8791530	20.0
2-Propanol, 1-(2-...	9.54	0.1	ug/L	50571	1	9.71	8791530	20.0
2-Propanol, 1-(2-...	9.63	0.1	ug/L	53242	1	9.71	8791530	20.0
2-Propanol, 1-(2-...	9.84	0.2	ug/L	83725	1	9.71	8791530	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	106574	4	22.65	14228100	20.0
DECADEUTEROPHENAN...	22.77	0.3	ug/L	205113	4	22.65	14228100	20.0

NYC-WTC_000050023