User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 14:42:20

Sample: AE01502
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/6/02 14:41 Ended: 3/6/02 14:41 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		108		5.0

Comments for Sample AE01502 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-06-2002 Time: 14:42:23

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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\1502.D Vial: 25
Acq On : 22 Feb 2002 3:43 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 26 14:52 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	207846	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	795484	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	434206	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.74	188	589996	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	380000	20.00	ug/l	-0.05
44) Perylene-d12	38.08	264	262601	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	36839	5.40	ug/mL	0.32
Spiked Amount 5.000			Recovery = 108.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	16.02	128	382	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.76	149	658	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

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Data File : C:\HPCHEM\1\DATA\FEB2102\1502.D Vial: 25
Acq On : 22 Feb 2002 3:43 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 26 14:52 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.70	149	22264	0.45 ug/l	99
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.80	228	857	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	2885	N.D.	
43)	Chrysene	33.80	228	857	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	38.08	252	927	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

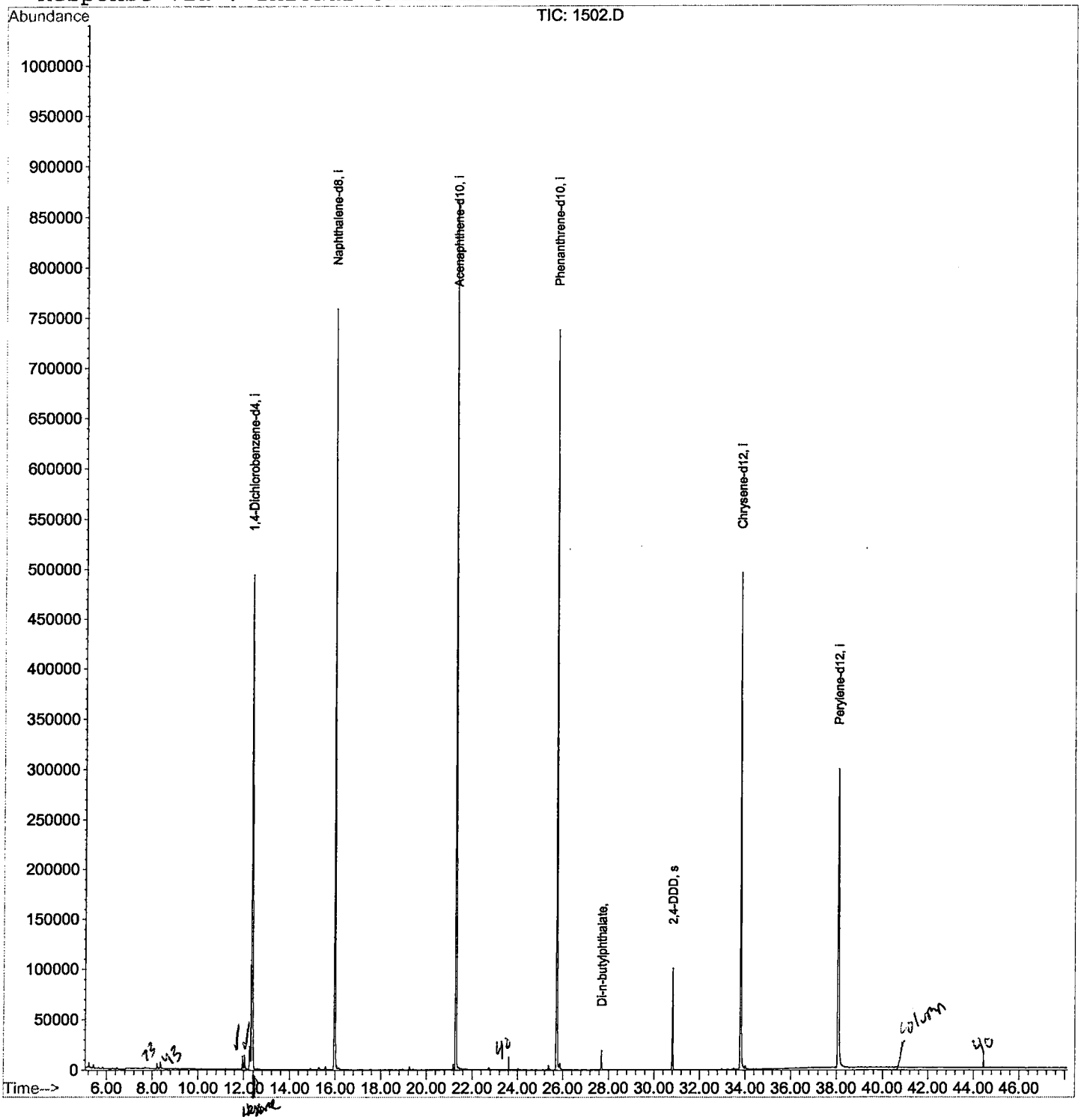
(#) = qualifier out of range (m) = manual integration

NYC-WTC_000003665

NYC 9/11 Public Portal Document

Data File : C:\HPCHEM\1\DATA\FEB2102\1502.D Vial: 25
Acq On : 22 Feb 2002 3:43 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 26 14:52 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration



NYC-WTC_000003666

NYC 9/11 Public Portal Document

Data File : C:\HPCHEM\1\DATA\FEB2102\1502.D Vial: 25
Acq On : 22 Feb 2002 3:43 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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	peak area	peak % max.	% of total
1	11.949	747	752	758	rBV	13263	30322	1.75%	0.358%
2	12.031	758	761	769	rVB	13397	27708	1.60%	0.327%
3	12.252	781	785	789	rBV	22857	54339	3.14%	0.641%
4	12.334	789	794	810	rVB	493819	1199782	69.37%	14.158%
5	15.970	1184	1190	1204	rBV	758296	1563409	90.39%	18.450%
6	21.285	1763	1769	1784	rBV	866725	1729620	100.00%	20.411%
7	25.738	2247	2254	2264	rBV2	737390	1571081	90.83%	18.540%
8	27.702	2463	2468	2473	rVB	19134	35624	2.06%	0.420%
9	30.814	2802	2807	2813	rVB	100436	193443	11.18%	2.283%
10	33.798	3126	3132	3152	rBV2	495641	1146044	66.26%	13.524%
11	38.076	3590	3598	3614	rBV2	298257	922571	53.34%	10.887%

Sum of corrected areas: 8473943

1502.D GCMS0208.M Tue Feb 26 15:10:23 2002

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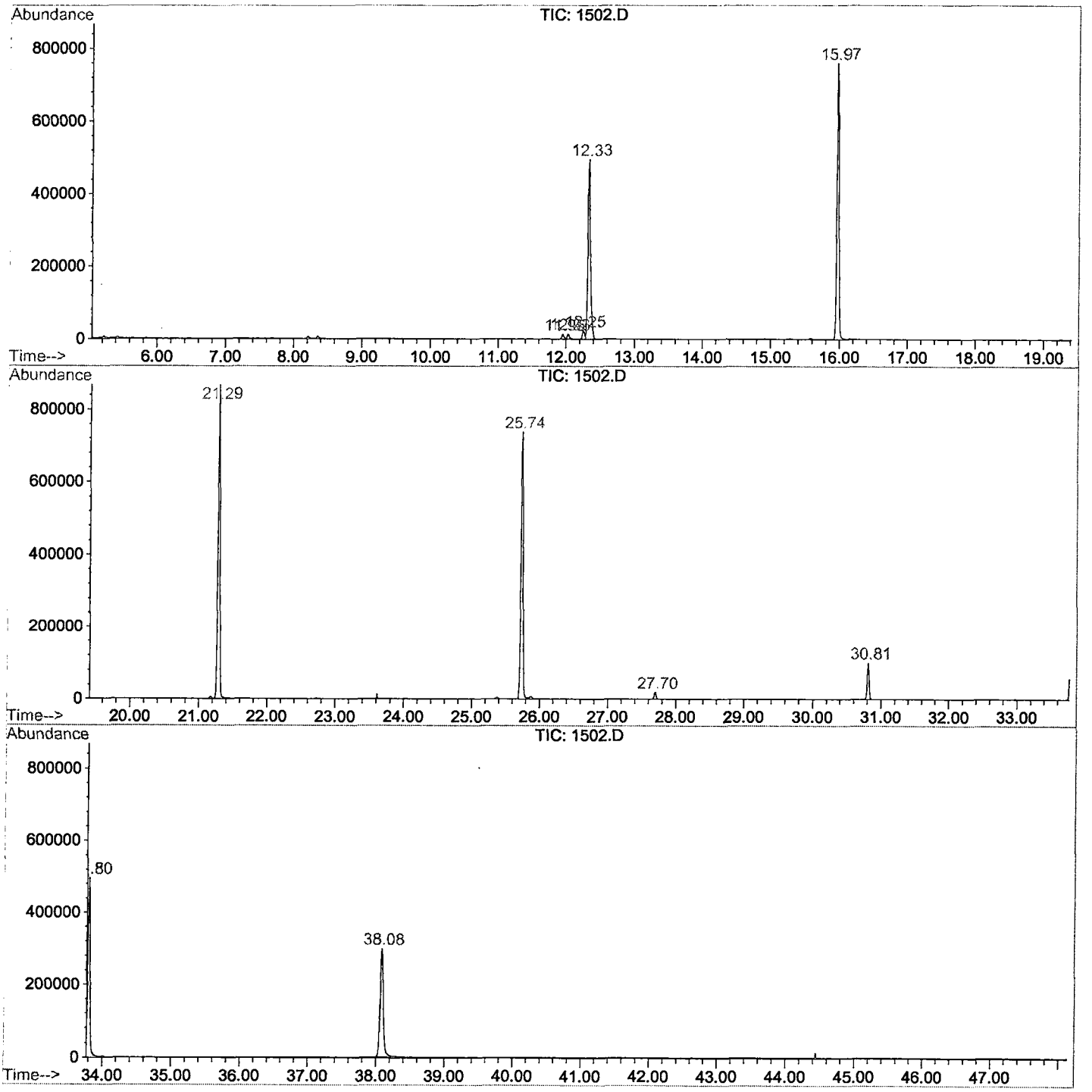
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\1502.D
Operator :
Acquired : 22 Feb 2002 3:43 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/22
Misc Info :
Vial Number: 25
Quant File :GCMS0208.RES (RTE Integrator)



1502.D GCMS0208.M Tue Feb 26 15:10:29 2002

NYC-WTC_000003668

Data File : C:\HPCHEM\1\DATA\FEB2102\1502.D Vial: 25
Acq On : 22 Feb 2002 3:43 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

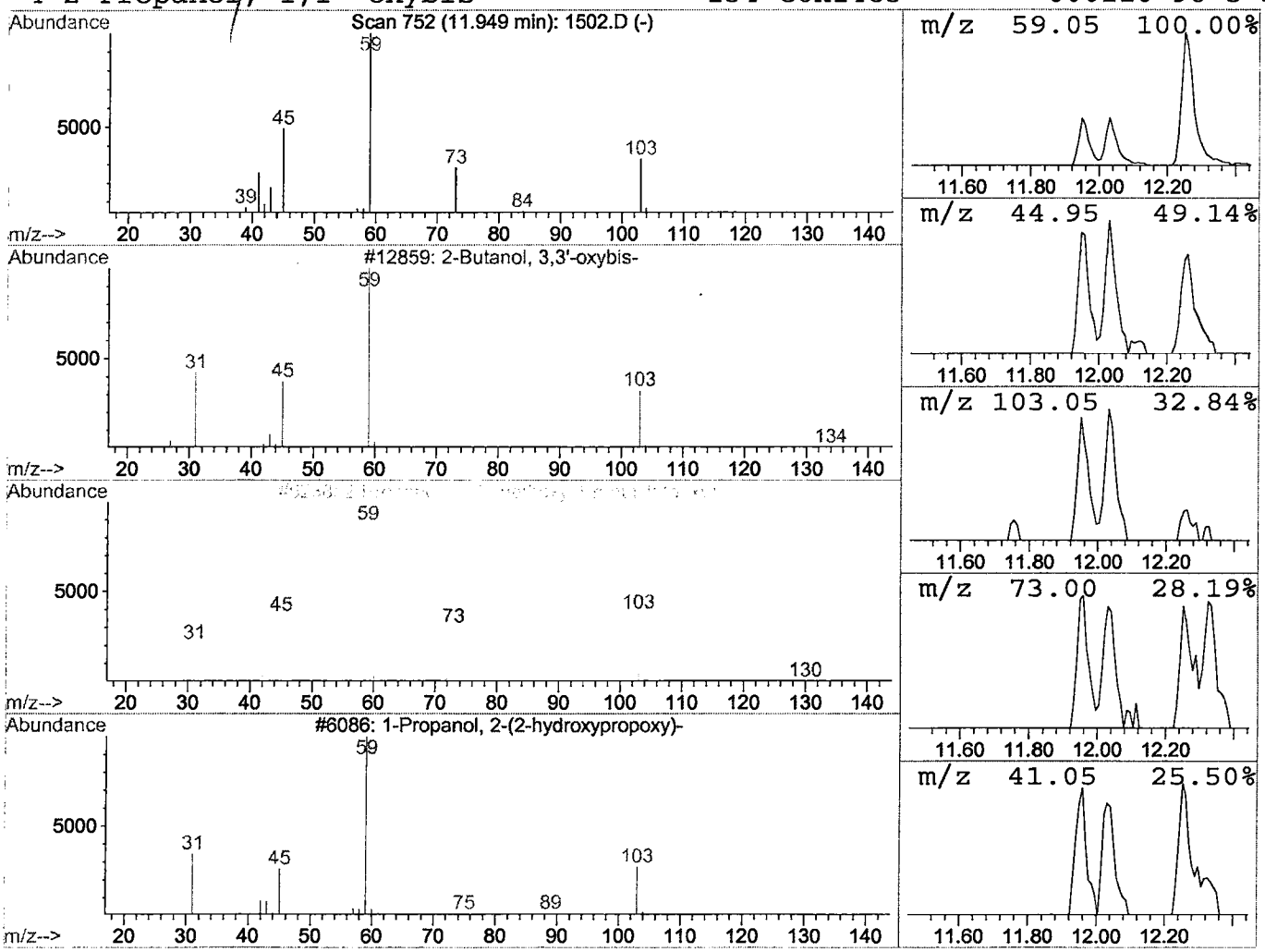
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Butanol, 3,3'-oxybis- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	0.51 ug/l	30322	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
2	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	50
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	39



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Data File : C:\HPCHEM\1\DATA\FEB2102\1502.D Vial: 25
Acq On : 22 Feb 2002 3:43 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

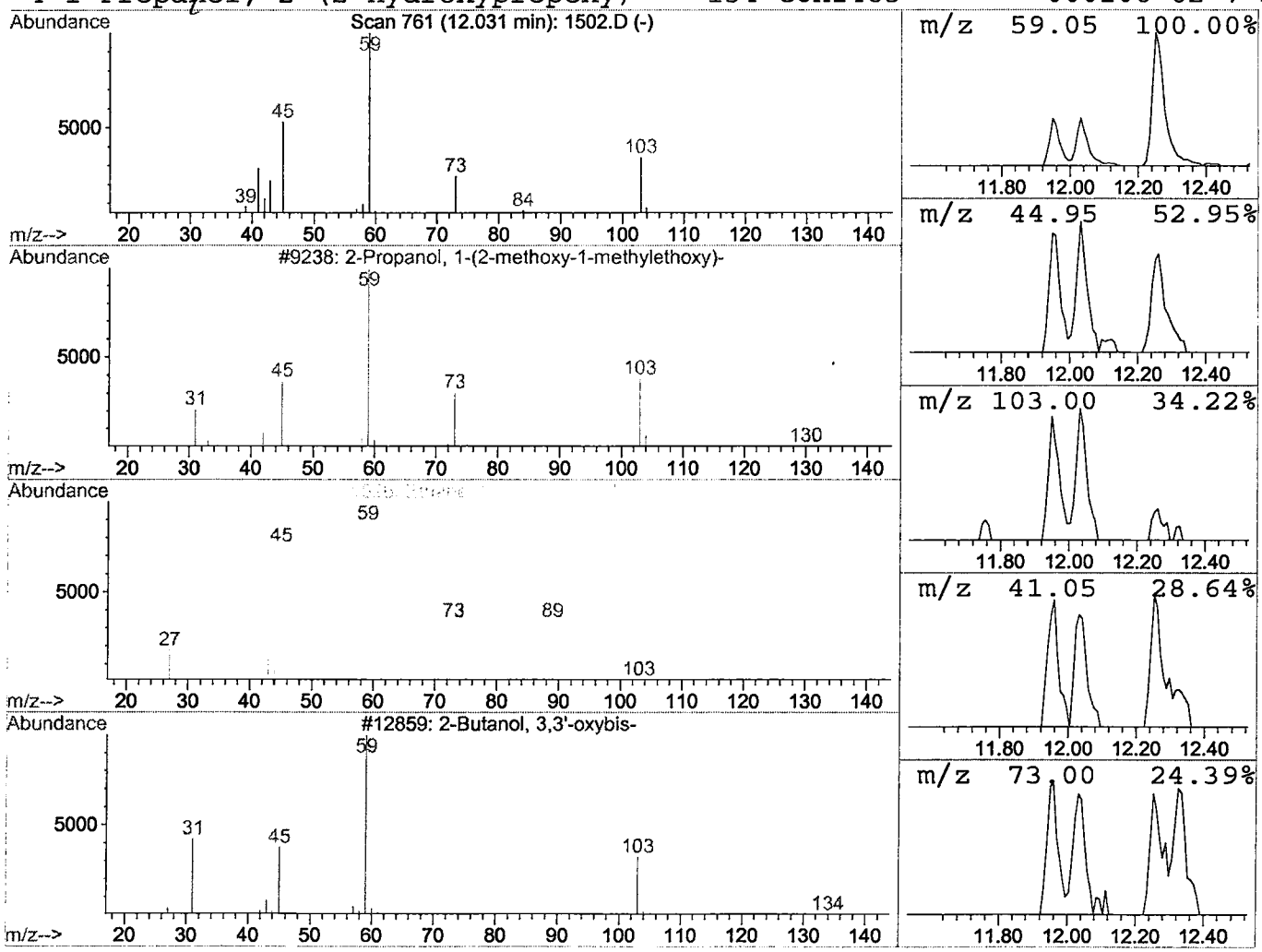
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	0.46 ug/l	27708	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	64
2	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	53
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	38
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	36



NYC-WTC_000003670

NYC 9/11 Public Portal Document

Data File : C:\HPCHEM\1\DATA\FEB2102\1502.D Vial: 25
Acq On : 22 Feb 2002 3:43 pm Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

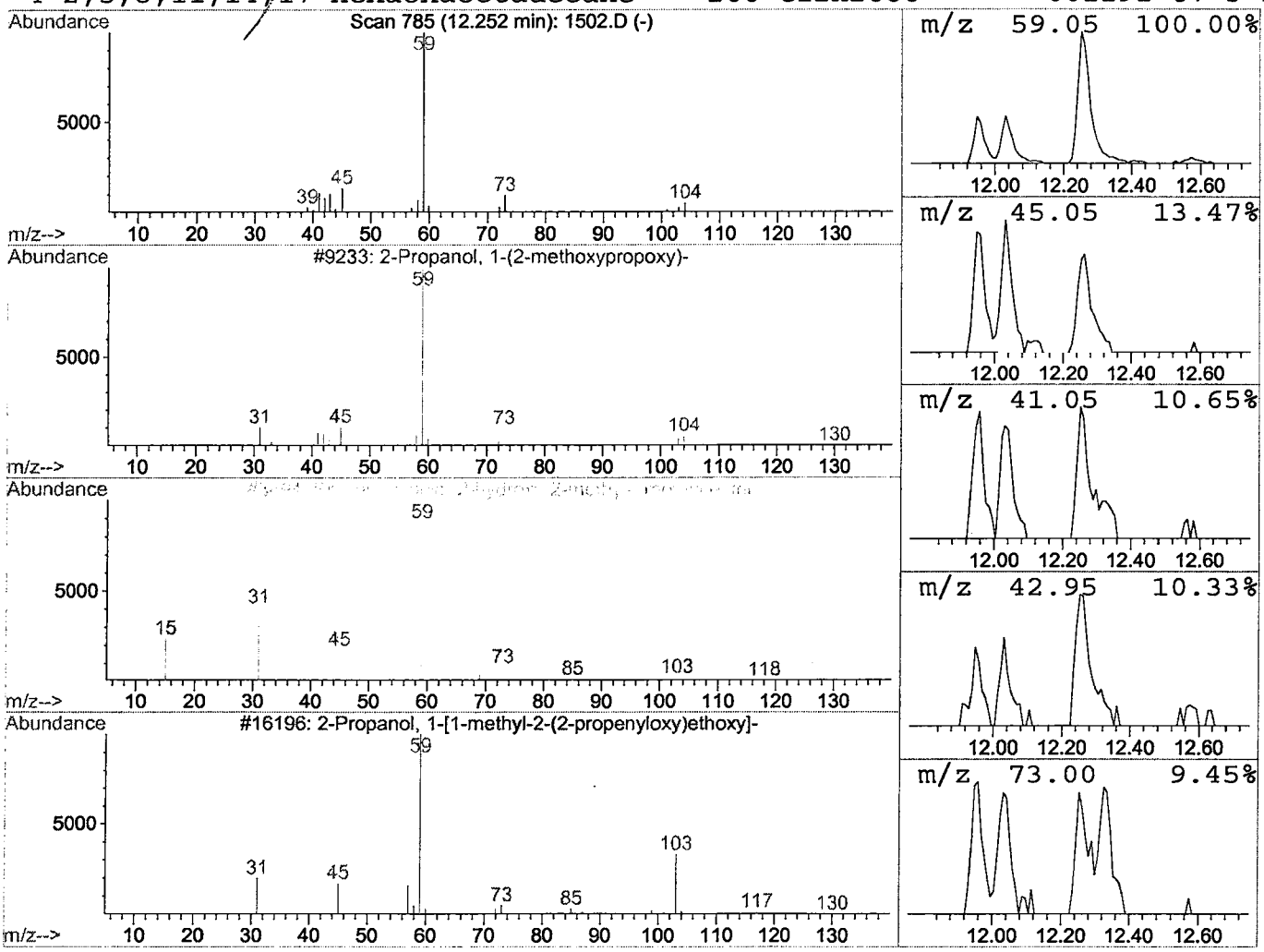
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxypropox Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	0.91 ug/l	54339	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	83
2	Propanoic acid, 2-hydroxy-2-methyl-	118	C5H10O3	002110-78-3	43
3	2-Propanol, 1-[1-methyl-2-(2-propen	174	C9H18O3	055956-25-7	43
4	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	39



NYC-WTC_000003671

NYC 9/11 Public Portal Document

Tentatively Identified Compound (TIC) Summary

Operator ID: Date Acquired: 22 Feb 2002 3:43 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\1502.D
Name: gc/ms scan 1/22
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Butanol, 3,3'-oxyb	11.95	0.5	ug/l	30322	ISTD01	12.33	1199780	20.0
2-Propanol, 1-(2-met	12.03	0.5	ug/l	27708	ISTD01	12.33	1199780	20.0
2-Propanol, 1-(2-met	12.25	0.9	ug/l	54339	ISTD01	12.33	1199780	20.0

from Hexane

1502.D GCMS0208.M Tue Feb 26 15:10:47 2002