NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 12:37:40

Sample: AD31341
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 12:35 Ended: 2/15/02 12:35 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NYC-WTC_000003880

Comments for Sample AD31341 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 12:37:38

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 5 of the 43 compounds in the LCS Standard were below their acceptance ranges. This sample was extracted twice and analyzed twice with the Surrogate Standard failing just low each time. The sample matrix may be a possible cause of this.

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB0802\31341.D Vial: 25
Acq On : 9 Feb 2002 8:39 am Operator: 209 GALOS
Sample : RE-EXTRACT 1/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 8:51 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.34	152	303525	20.00	ug/l	0.00
10) Naphthalene-d8	15.99	136	1155428	20.00	ug/l	0.00
17) Acenaphthene-d10	21.30	164	612728	20.00	ug/l	0.00
29) Phenanthrene-d10	25.76	188	885071	20.00	ug/l	0.00
38) Chrysene-d12	33.83	240	579232	20.00	ug/l	-0.02
44) Perylene-d12	38.10	264	373521	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.83	235	35864	3.26	ug/mL	0.34
Spiked Amount 5.000			Recovery = 65.20%			
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	16.04	128	567	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	0.00	149	0	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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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB0802\31341.D Vial: 25
Acq On : 9 Feb 2002 8:39 am Operator: 209 GALOS
Sample : RE-EXTRACT 1/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 8:51 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 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	25.76	178	202	N.D.	
34)	Anthracene	25.76	178	202	N.D.	
35)	Di-n-butylphthalate	27.71	149	15796	N.D.	
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	33.82	228	1328	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.03	149	450	N.D.	
43)	Chrysene	33.82	228	1328	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	38.11	252	1499	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

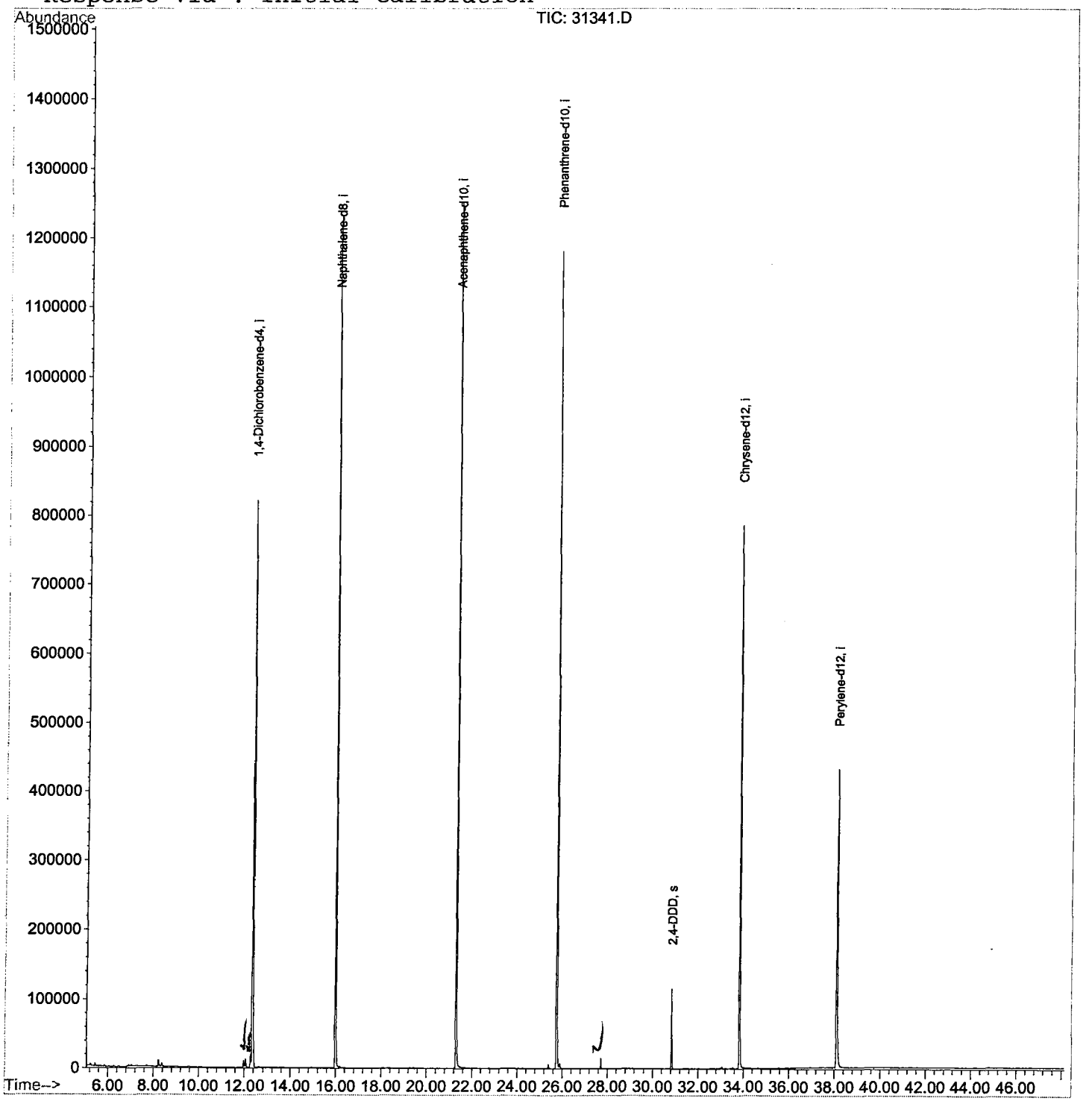
NYC-WTC_000003883

NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB0802\31341.D Vial: 25
Acq On : 9 Feb 2002 8:39 am Operator: 209 GALOS
Sample : RE-EXTRACT 1/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 13 8:51 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration



NYC-WTC_000003884

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB0802\31341.D Vial: 25
Acq On : 9 Feb 2002 8:39 am Operator: 209 GALOS
Sample : RE-EXTRACT 1/28 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	12.050	759	763	770	rVB	12252	28993	1.14%	0.229%
2	12.271	783	787	790	rBV	18626	41434	1.63%	0.327%
3	12.344	790	795	809	rVB	820688	1947965	76.80%	15.354%
4	15.989	1186	1192	1210	rBV	1223822	2389693	94.22%	18.835%
5	21.304	1765	1771	1783	rBV	1251879	2536295	100.00%	19.991%
6	25.756	2249	2256	2267	rBV	1180899	2458988	96.95%	19.382%
7	27.712	2462	2469	2477	rBV	14772	26629	1.05%	0.210%
8	30.833	2804	2809	2815	rVB	115634	215139	8.48%	1.696%
9	33.826	3128	3135	3154	rBV	784939	1759733	69.38%	13.870%
10	38.104	3593	3601	3618	rBV2	430830	1282423	50.56%	10.108%

Sum of corrected areas: 12687292

31341.D GCMS0208.M Thu Feb 14 15:03:03 2002

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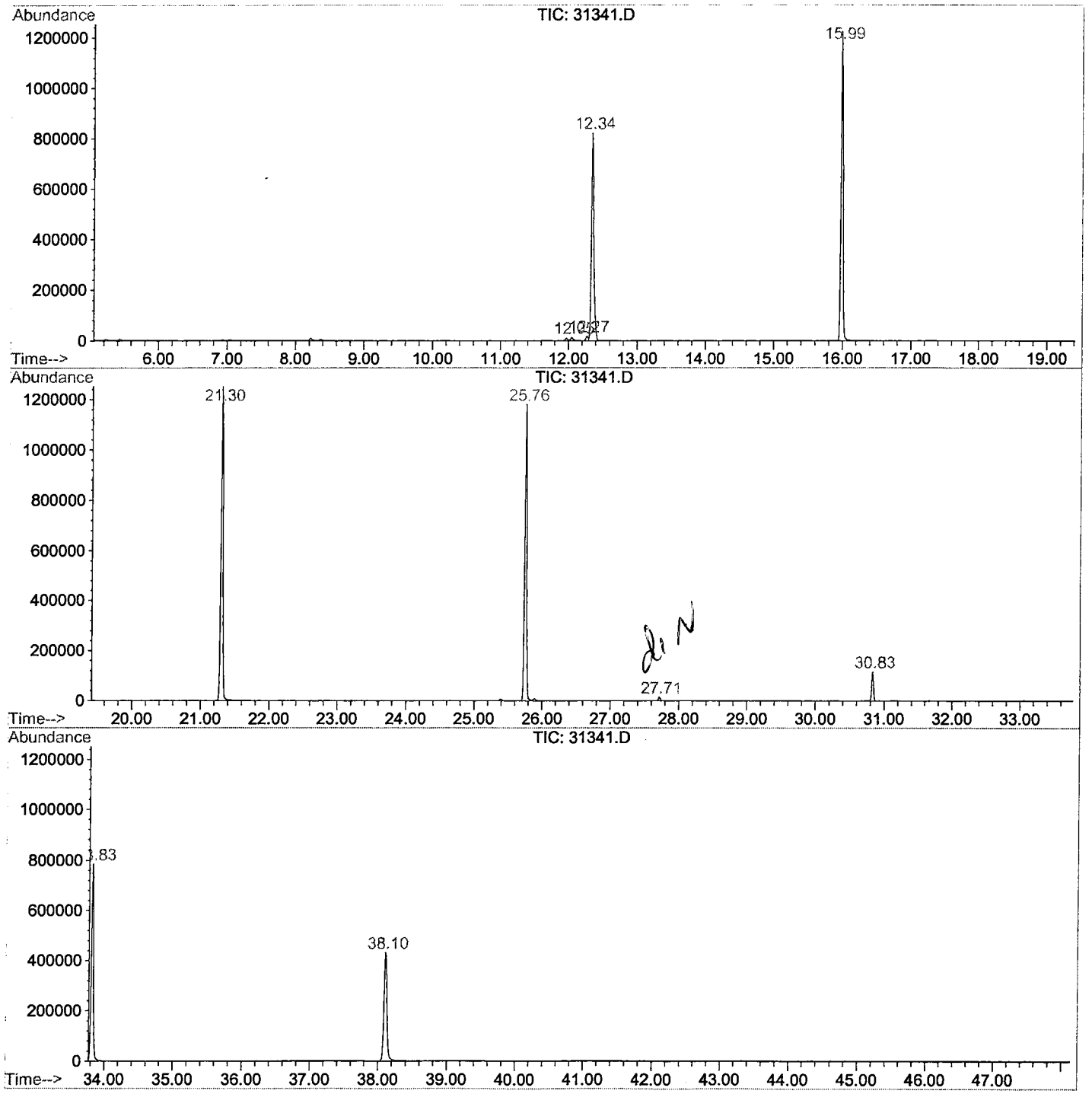
NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB0802\31341.D
Operator : 209 GALOS
Acquired : 9 Feb 2002 8:39 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: RE-EXTRACT 1/28
Misc Info :
Vial Number: 25
Quant File :GCMS0208.RES (RTE Integrator)



31341.D GCMS0208.M Thu Feb 14 15:03:09 2002

NYC-WTC_000003886

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB0802\31341.D
Acq On : 9 Feb 2002 8:39 am
Sample : RE-EXTRACT 1/28
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

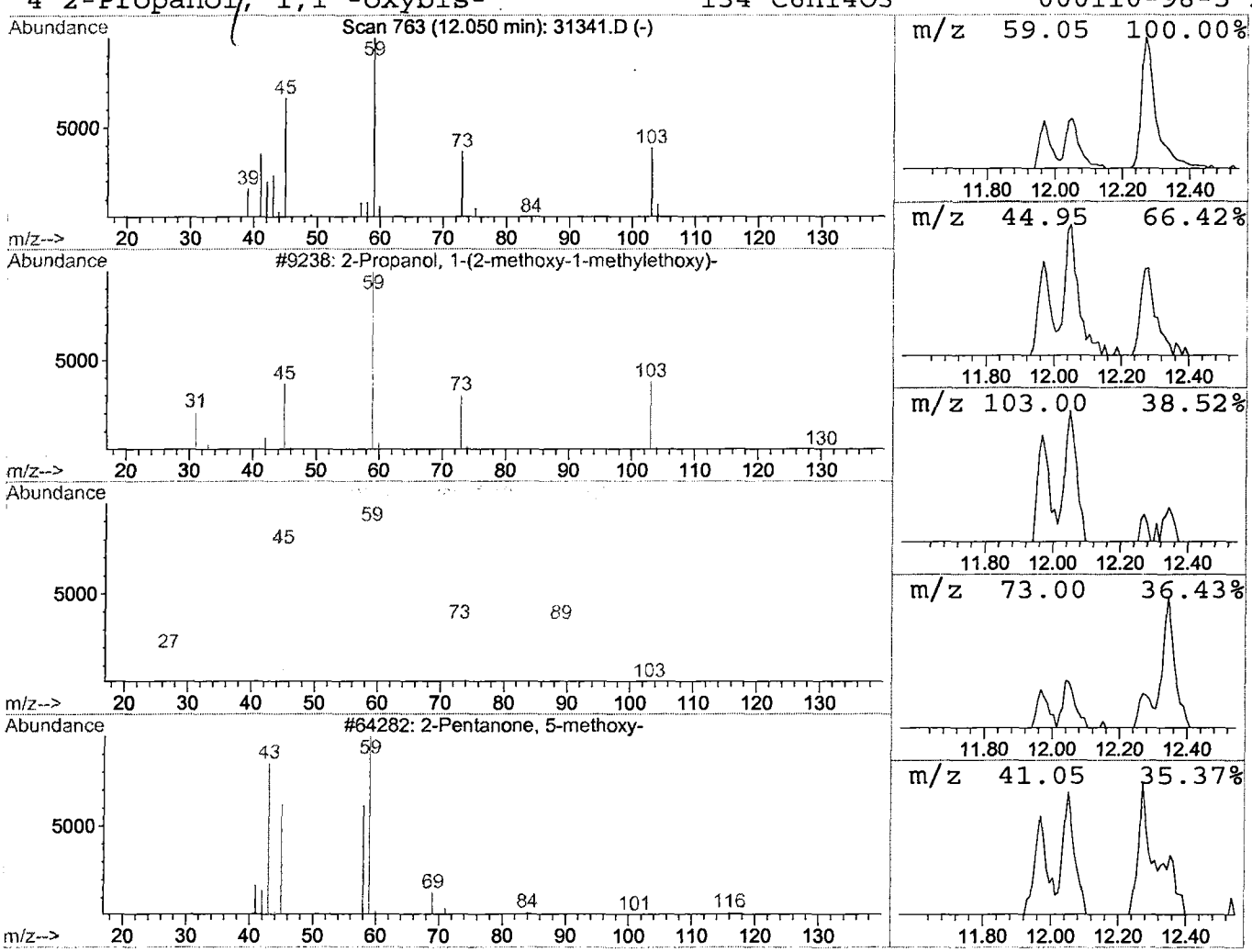
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	0.30 ug/l	28993	1,4-Dichlorobenzene-d4	12.34

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	40
3	2-Pentanone, 5-methoxy-	116	C6H12O2	017429-04-8	33
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	28



NYC-WTC_000003887

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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB0802\31341.D
Acq On : 9 Feb 2002 8:39 am
Sample : RE-EXTRACT 1/28
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

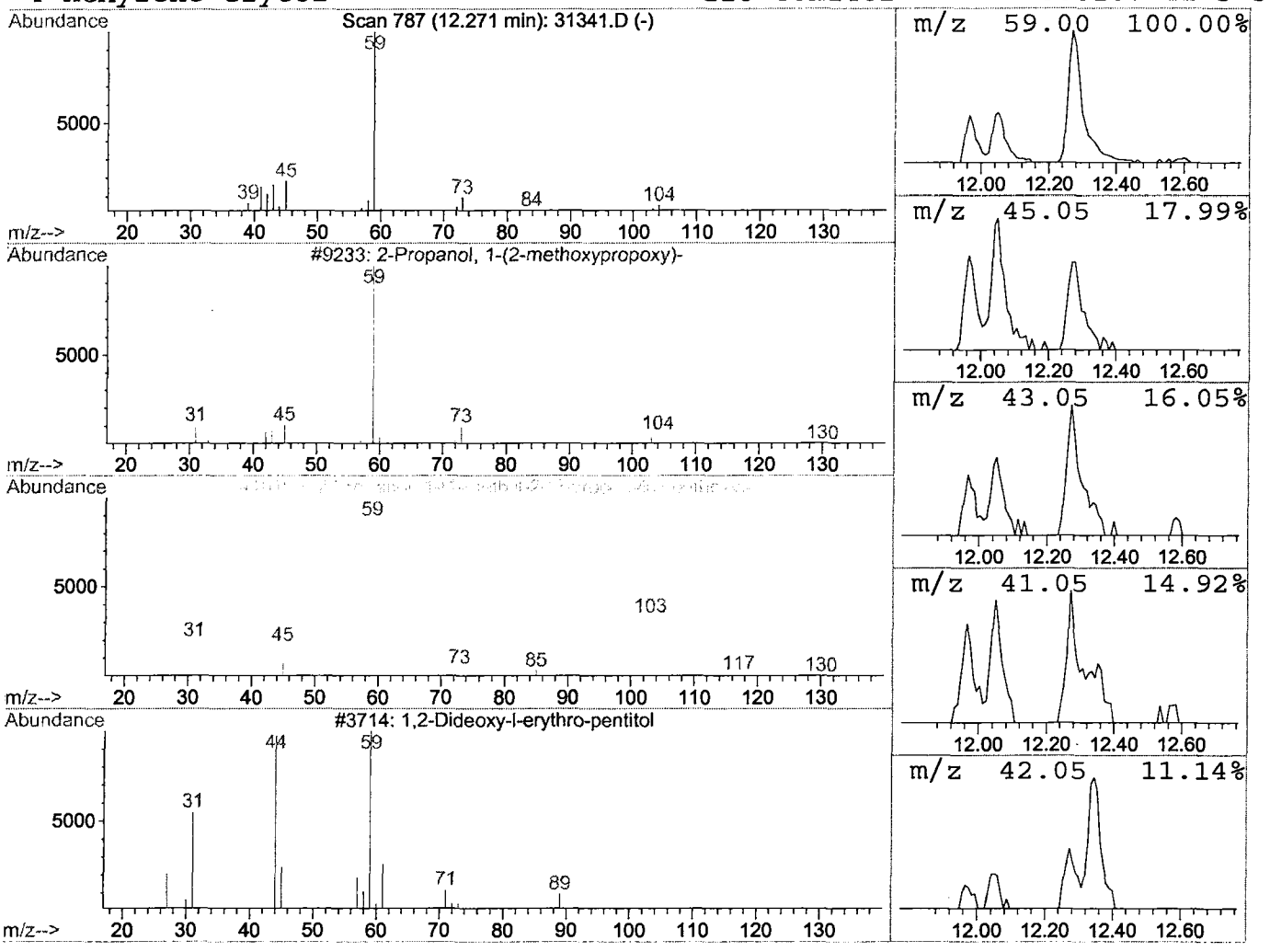
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	0.43 ug/l	41434	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	74
2	2-Propanol, 1-[1-methyl-2-(2-propen	174	C9H18O3	055956-25-7	40
3	1,2-Dideoxy-l-erythro-pentitol	120	C5H12O3	000000-00-0	39
4	Hexylene Glycol	118	C6H14O2	000107-41-5	38



NYC-WTC_000003888

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB0802\31341.D
Acq On : 9 Feb 2002 8:39 am
Sample : RE-EXTRACT 1/28
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

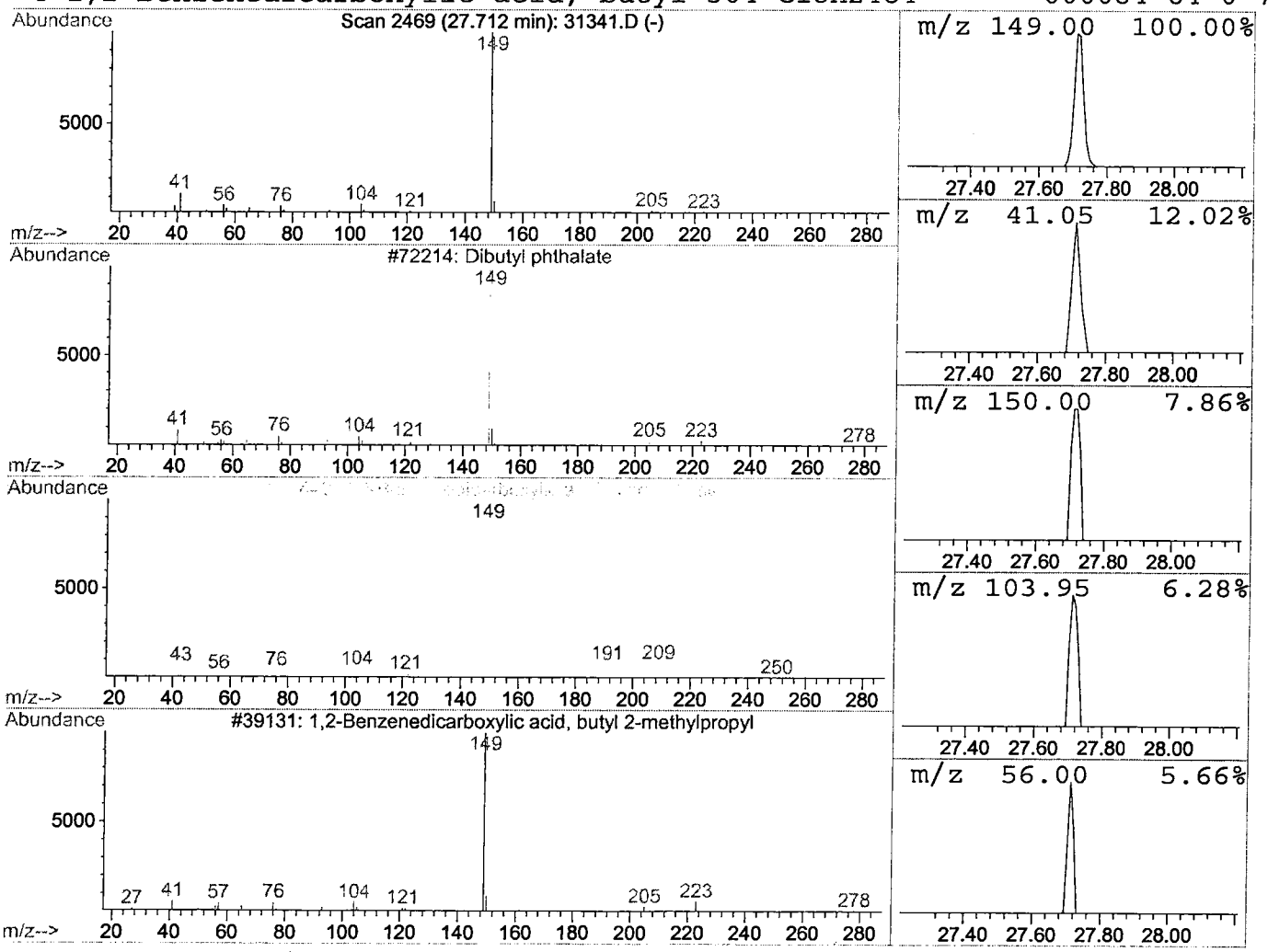
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Dibutyl phthalate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.71	0.22 ug/l	26629	Phenanthrene-d10	25.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibutyl phthalate	278	C16H22O4	000084-74-2	83
2	1,2-Benzenedicarboxylic acid, dipro	250	C14H18O4	000131-16-8	78
3	1,2-Benzenedicarboxylic acid, butyl	278	C16H22O4	017851-53-5	74
4	1,2-Benzenedicarboxylic acid, butyl	304	C18H24O4	000084-64-0	74



NYC-WTC_000003889

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Feb 2002 8:39 am
Data File: C:\HPCHEM\1\DATA\FEB0802\31341.D
Name: RE-EXTRACT 1/28
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-Propanol, 1-(2-met	12.05	0.3	ug/l	28993	ISTD01	12.34	1947970	20.0
2-Propanol, 1-(2-met	12.27	0.4	ug/l	41434	ISTD01	12.34	1947970	20.0
Dibutyl phthalate	27.71	0.2	ug/l	26629	ISTD04	25.76	2458990	20.0

31341.D GCMS0208.M Thu Feb 14 15:03:27 2002