NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/18/2002 Time: 17:08:24

Sample: AD29931
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/18/02 17:07 Ended: 1/18/02 17:07 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		5.0

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Comments for Sample AD29931 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-18-2002 Time: 17:09:01

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\DEC3101\29931.D Vial: 17
Acq On : 1 Jan 2002 2:31 am Operator: 209 GALOS
Sample : gcms scan 12/14a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 1 3:20 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	875207	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3415571	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1782829	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	2515069	20.00	ug/l	0.00
38) Chrysene-d12	33.03	240	1495269	20.00	ug/l	0.00
44) Perylene-d12	37.12	264	847401	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	135533	4.90	ug/mL	0.00
Spiked Amount 5.000			Recovery = 98.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.20	74	614	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	15.34	128	875	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	21.24	165	285	N.D.		
25) Diethylphthalate	22.18	149	365	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

NYC-WTC_000017062

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\29931.D Vial: 17
Acq On : 1 Jan 2002 2:31 am Operator: 209 GALOS
Sample : gcms scan 12/14a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 1 3:20 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

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	24.98	178	1193	N.D.	
34) Anthracene	24.98	178	1193	N.D.	
35) Di-n-butylphthalate	27.04	149	2549	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	33.02	228	4194	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.30	149	3478	N.D.	
43) Chrysene	33.02	228	4194	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	37.11	252	3325	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.	

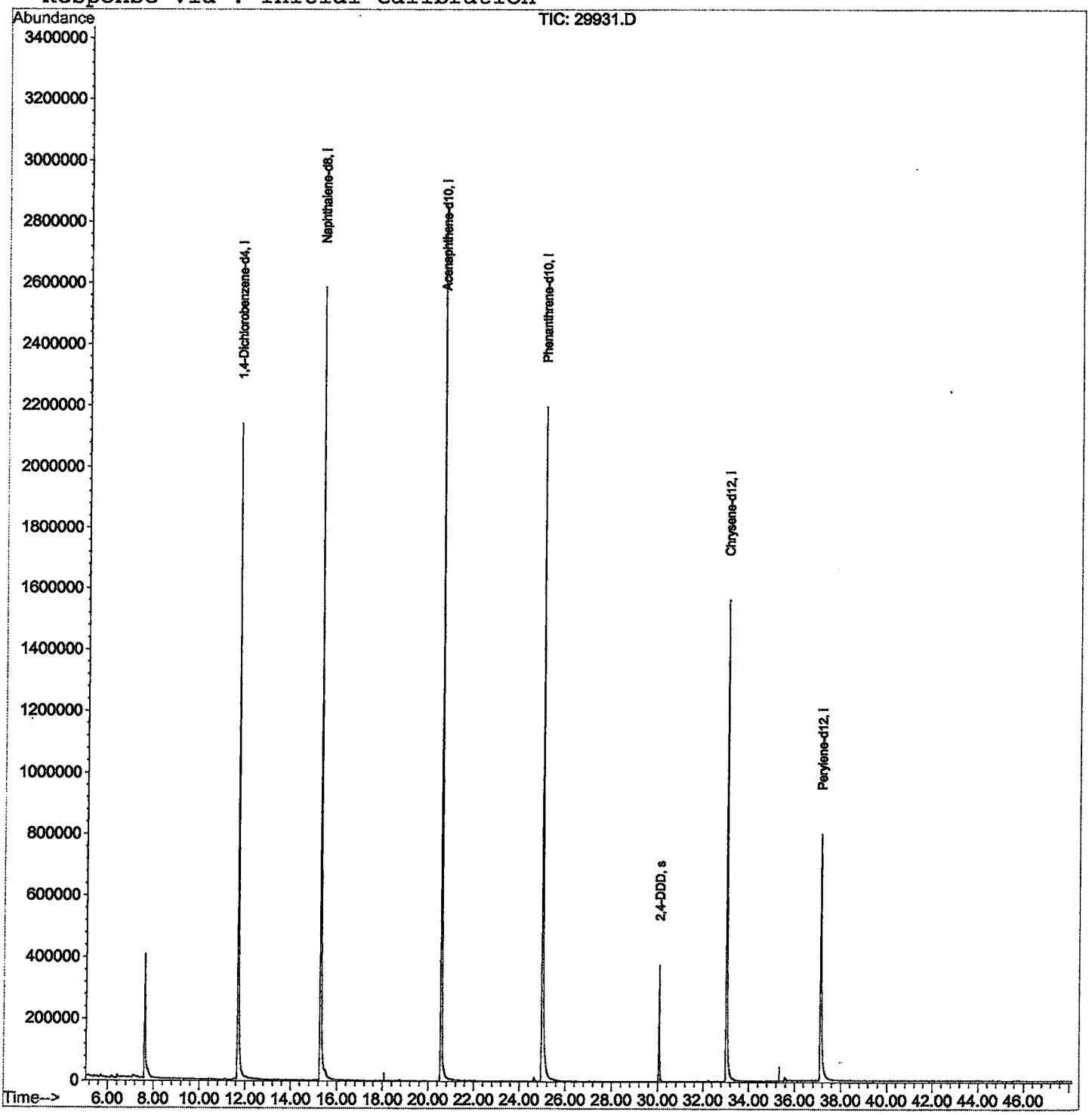
(#) = qualifier out of range (m) = manual integration

NYC-WTC_000017063

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29931.D Vial: 17
Acq On : 1 Jan 2002 2:31 am Operator: 209 GALOS
Sample : gcms scan 12/14a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 1 3:20 2002 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29931.D Vial: 17
Acq On : 1 Jan 2002 2:31 am Operator: 209 GALOS
Sample : gcms scan 12/14a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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	7.608	275	279	312	rBV	401203	1282427	17.24%	3.497%
2	11.675	717	722	749	rBV	2135923	5447887	73.25%	14.857%
3	15.274	1109	1114	1134	rBV	2583692	6777394	91.13%	18.483%
4	20.562	1683	1690	1715	rBV	2860254	7437434	100.00%	20.283%
5	24.987	2165	2172	2210	rBV2	2197128	7026695	94.48%	19.163%
6	30.063	2719	2725	2735	rBV	375715	847457	11.39%	2.311%
7	33.029	3038	3048	3072	rBV2	1565838	4789485	64.40%	13.062%
8	37.123	3486	3494	3518	rBV	798949	3059839	41.14%	8.345%

Sum of corrected areas: 36668618

29931.D GCMS1126.M Tue Jan 15 14:47:51 2002

NYC-WTC_000017065

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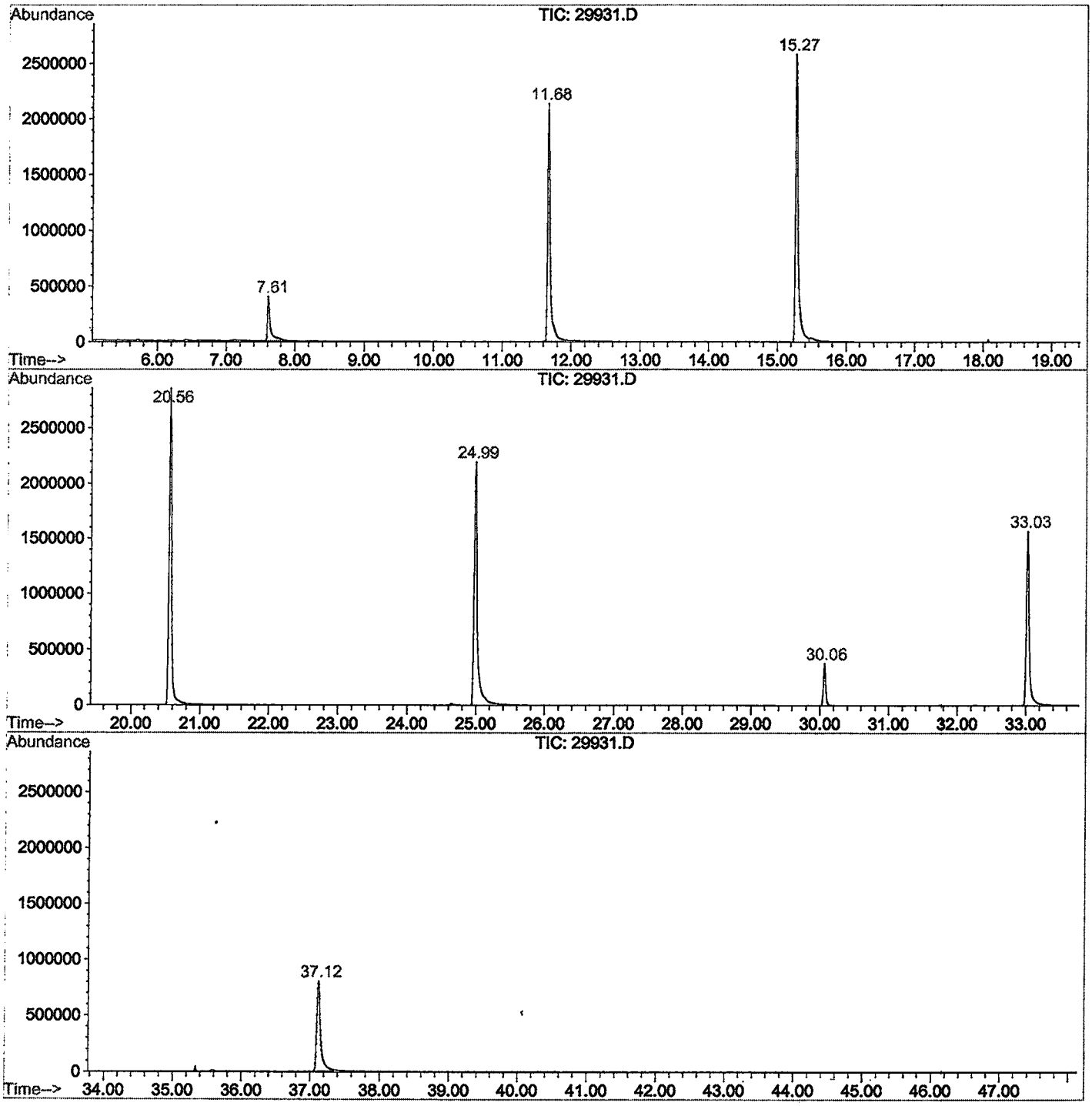
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\29931.D
Operator : 209 GALOS
Acquired : 1 Jan 2002 2:31 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/14a
Misc Info :
Vial Number: 17
Quant File :GCMS1126.RES (RTE Integrator)



29931.D GCMS1126.M Tue Jan 15 14:47:56 2002

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29931.D
Acq On : 1 Jan 2002 2:31 am
Sample : gcms scan 12/14a
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

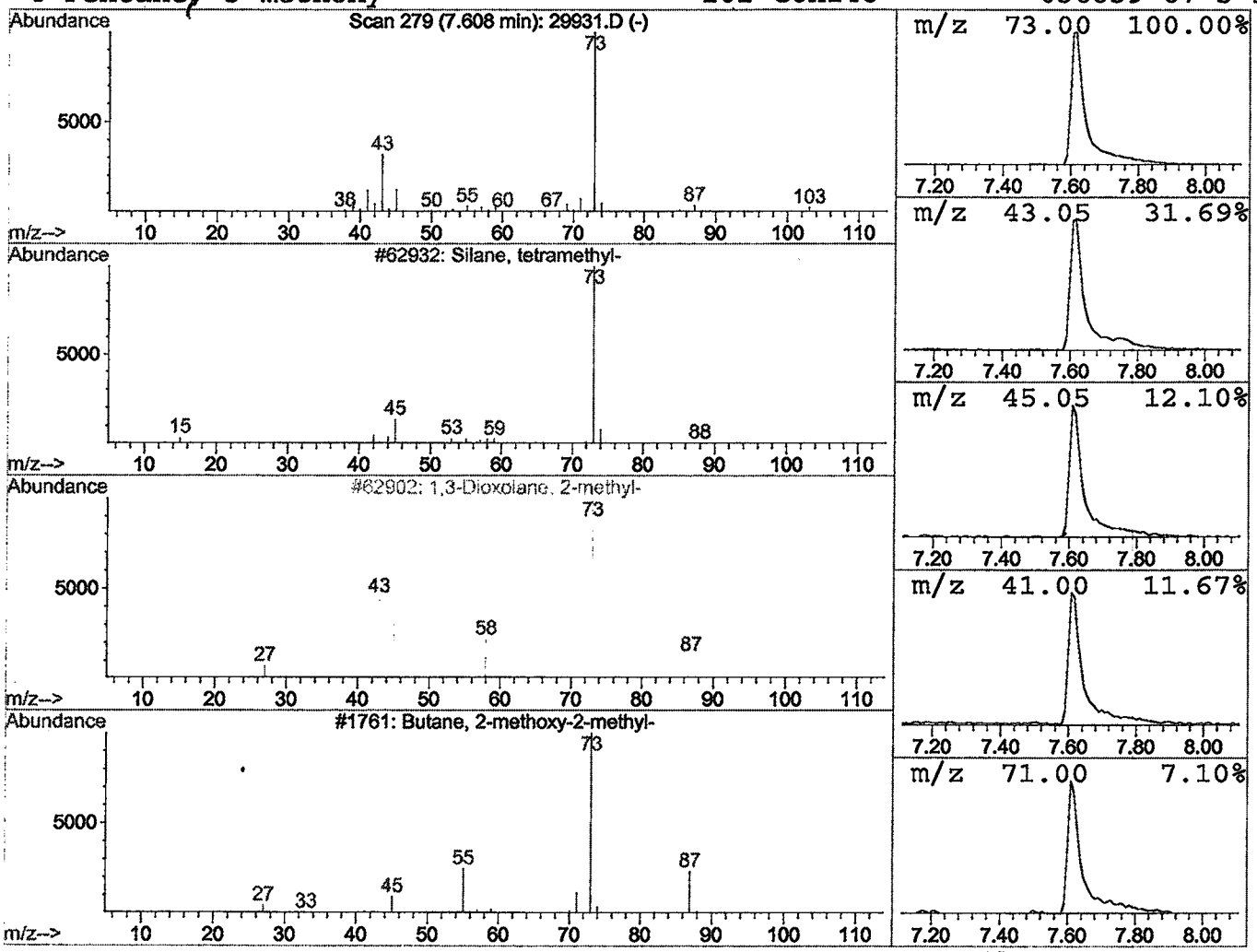
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	4.71 ug/l	1282430	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



NYC-WTC_000017067

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Jan 2002 2:31 am
Data File: C:\HPCHEM\1\DATA\DEC3101\29931.D
Name: gcms scan 12/14a
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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
Silane, tetramethyl-	7.61	4.7	ug/l	1282430	ISTD01	11.68	5447890	20.0

29931.D GCMS1126.M Tue Jan 15 14:48:05 2002