NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 12:33:58

Sample: AD29791
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 12:33 Ended: 1/9/02 12:33 Analyst: DLV
Page: 1

	Component Name	Vfol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		110		5.0

Comments for Sample AD29791 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 12:34:01

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

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\29791.D Vial: 12
Acq On : 3 Jan 2002 9:18 pm Operator: 209 GALOS
Sample : gcms scan 12/10 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 3 22:07 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	11.52	152	796262	20.00	ug/l	-0.18
10) Naphthalene-d8	15.12	136	3058717	20.00	ug/l	-0.19
17) Acenaphthene-d10	20.39	164	1495974	20.00	ug/l	-0.19
29) Phenanthrene-d10	24.81	188	2200003	20.00	ug/l	-0.19
38) Chrysene-d12	32.84	240	1249370	20.00	ug/l	-0.19
44) Perylene-d12	36.90	264	732143	20.00	ug/l	-0.22
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	133497	5.52	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 110.40%			
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	15.19	128	988	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	20.74	165	304	N.D.		
25) Diethylphthalate	21.92	149	1329	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\JAN0302\29791.D Vial: 12
Acq On : 3 Jan 2002 9:18 pm Operator: 209 GALOS
Sample : gcms scan 12/10 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 3 22:07 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	24.88	178	186	N.D.	
34)	Anthracene	24.88	178	186	N.D.	
35)	Di-n-butylphthalate	26.83	149	5497	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	32.84	228	3529	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	6669	N.D.	
43)	Chrysene	32.91	228	894	N.D.	
45)	Di-n-Octylphthalate	34.88	149	1260	N.D.	
46)	Benzo(b)fluoranthene	35.87	252	2424	N.D.	
47)	Benzo(k)fluoranthene	35.93	252	3021	N.D.	
48)	Benzo(a)pyrene	36.75	252	1588	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

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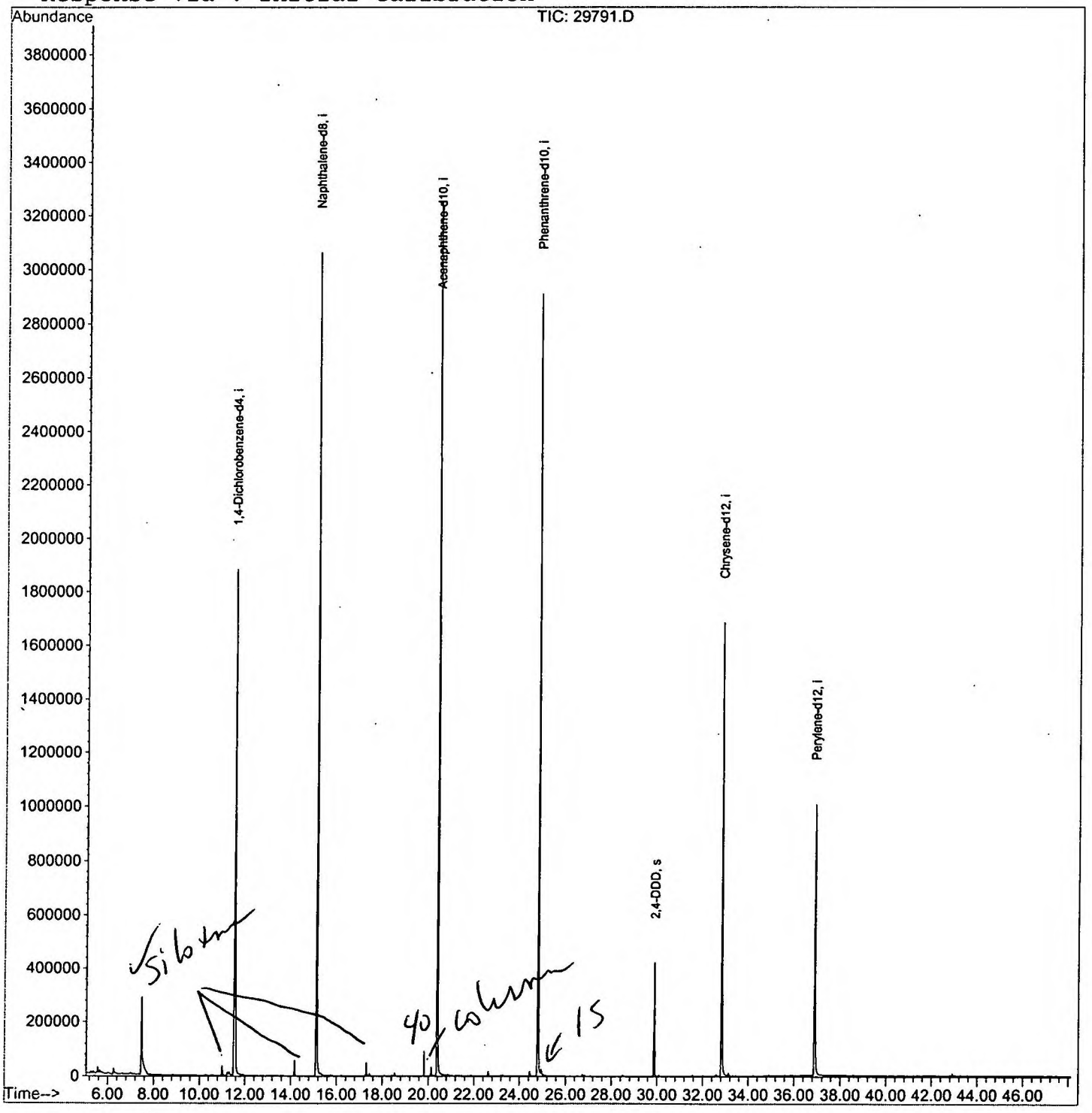
NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29791.D Vial: 12
Acq On : 3 Jan 2002 9:18 pm Operator: 209 GALOS
Sample : gcms scan 12/10 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 3 22:07 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\JAN0302\29791.D Vial: 12
Acq On : 3 Jan 2002 9:18 pm Operator: 209 GALOS
Sample : gcms scan 12/10 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	7.474	261	265	297	rVB	287232	948834	14.42%	2.883%
2	10.999	644	649	661	rVB	36693	89882	1.37%	0.273%
3	11.523	701	706	731	rBV	1881530	5028746	76.45%	15.281%
4	14.167	989	994	1001	rVB	57744	108986	1.66%	0.331%
5	15.121	1092	1098	1116	rBV	3063116	6240815	94.88%	18.965%
6	17.306	1331	1336	1341	rVB	50068	93736	1.43%	0.285%
7	20.391	1665	1672	1692	rBV	3253612	6577840	100.00%	19.989%
8	24.807	2146	2153	2165	rBV2	2911355	6212863	94.45%	18.880%
9	29.883	2701	2706	2713	rBV	420276	821790	12.49%	2.497%
10	32.830	3021	3027	3049	rBV2	1684431	4080202	62.03%	12.399%
11	36.897	3463	3470	3485	rBV2	1002997	2703893	41.11%	8.217%

Sum of corrected areas: 32907587

29791.D GCMS1126.M Mon Jan 07 13:01:39 2002

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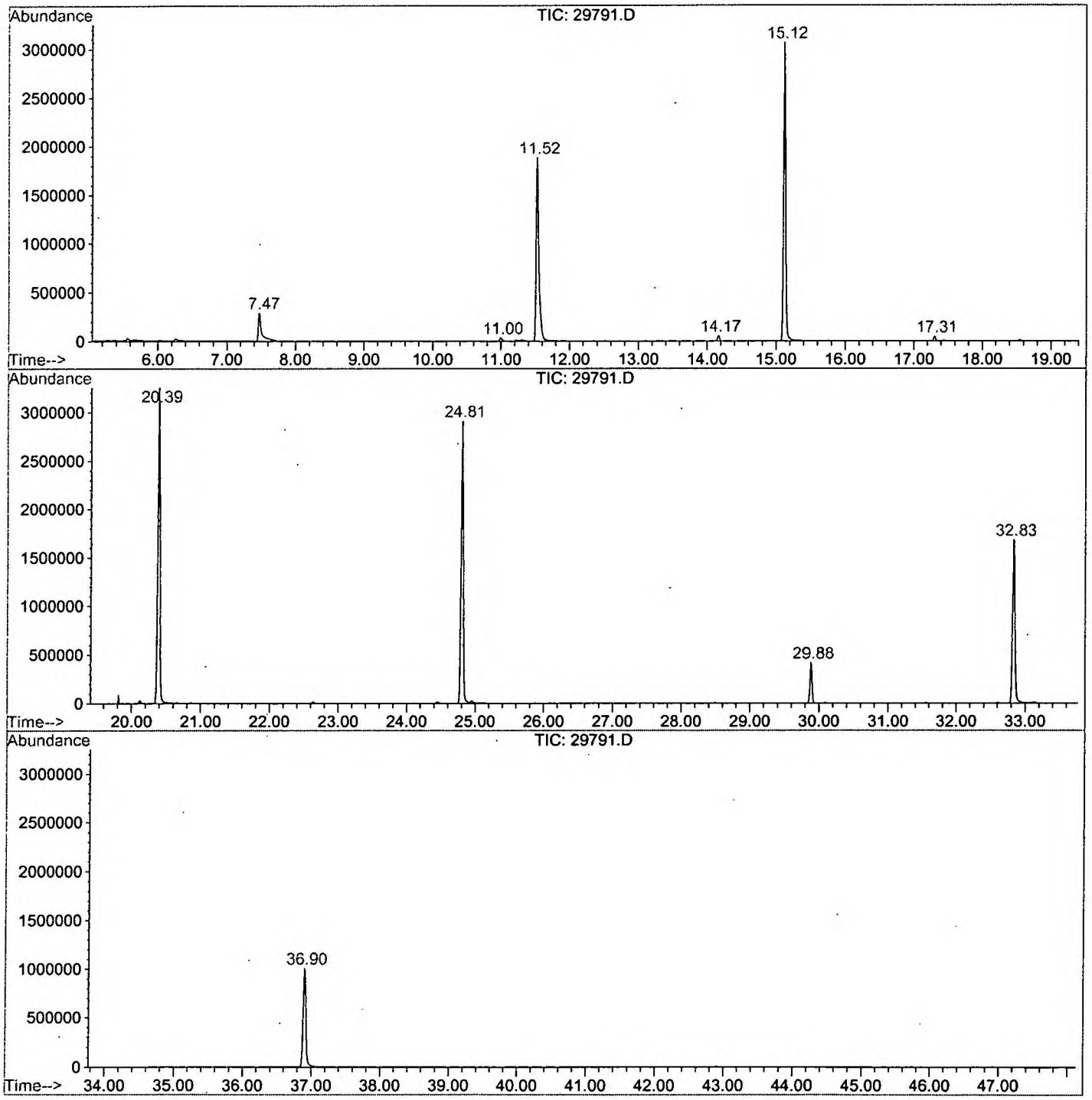
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0302\29791.D
Operator : 209 GALOS
Acquired : 3 Jan 2002 9:18 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/10
Misc Info :
Vial Number: 12
Quant File :GCMS1126.RES (RTE Integrator)



29791.D GCMS1126.M Mon Jan 07 13:01:45 2002

NYC-WTC_000037213

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29791.D Vial: 12
Acq On : 3 Jan 2002 9:18 pm Operator: 209 GALOS
Sample : gcms scan 12/10 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

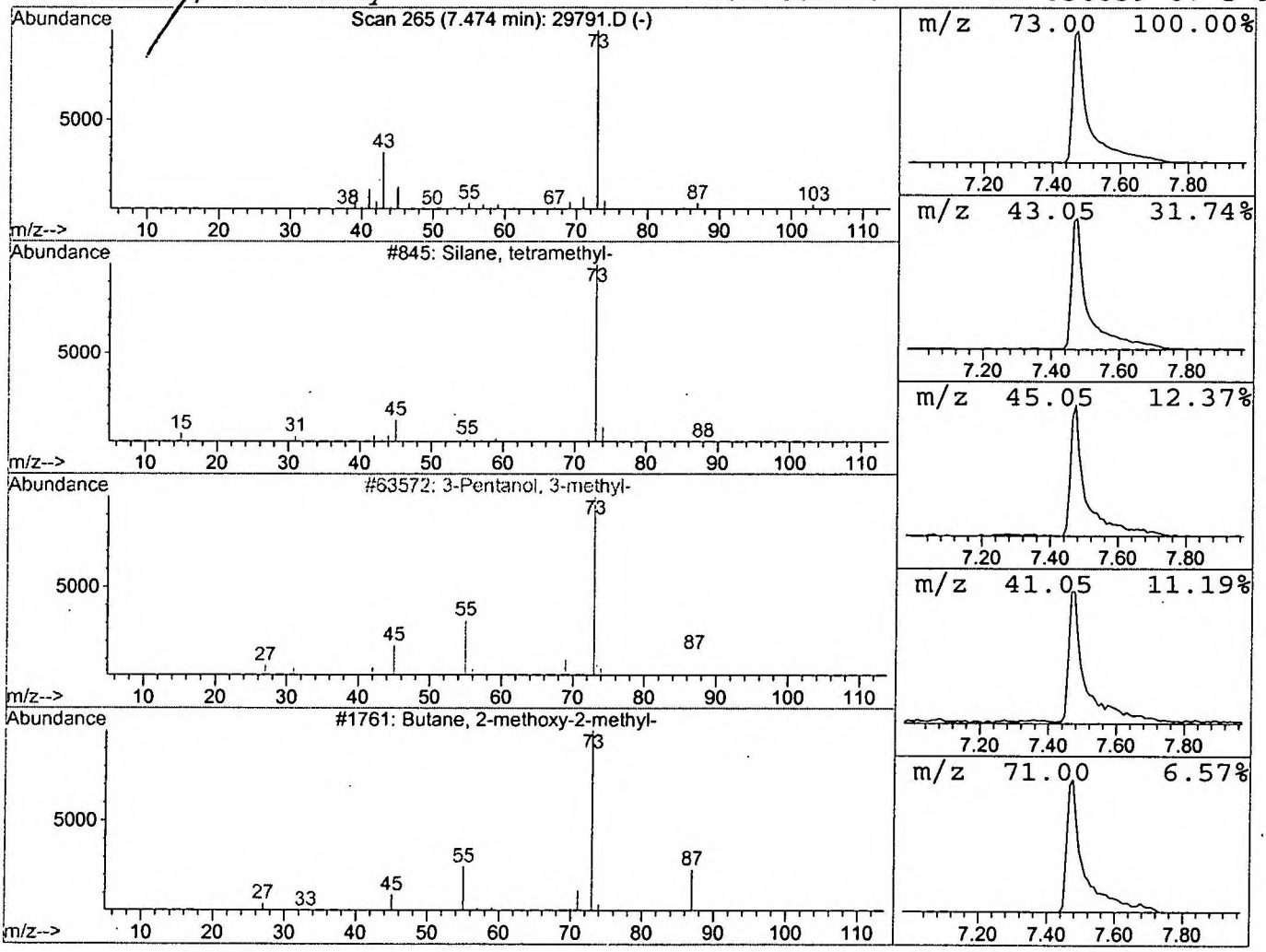
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.77 ug/l	948834	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	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_000037214

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 3 Jan 2002 9:18 pm
Data File: C:\HPCHEM\1\DATA\JAN0302\29791.D
Name: gcms scan 12/10
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-	7.47	3.8	ug/l	948834	ISTD01	11.52	5028750	20.0

29791.D GCMS1126.M Mon Jan 07 13:01:54 2002