NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 14:23:18

Sample: AE09764
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/15/02 14:22 Ended: 5/15/02 14:22 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		10.0

Comments for Sample AE09764 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-15-2002 Time: 14:24:27

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. Isophorone is present at an estimated level of 0.57 ug/L.

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\9764.D Vial: 9
Acq On : 10 May 2002 8:52 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 10:08 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	557989	40.00	ug/l	-0.03
10) Naphthalene-d8	15.80	136	2008739	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.11	164	1091843	40.00	ug/l	-0.03
30) Phenanthrene-d10	25.55	188	1455817	40.00	ug/l	-0.02
38) Chrysene-d12	33.61	240	839775	40.00	ug/l	-0.03
44) Perylene-d12	37.83	264	545305	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.25	209	175232	32.26	ug/L	-0.02
Spiked Amount 40.000			Recovery = 80.65%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	11.42	93	2696	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-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	13.39	77	1261	N.D.		
12) Isophorone	14.50	82	18162	0.57	ug/l	99
13) bis(2-Chloroethoxy)methane	15.18	93	198	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.85	128	786	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	19.37	162	675	N.D.		
20) Dimethylphthalate	20.45	163	20838	0.69	ug/l	99
21) 2,6-Dinitrotoluene	20.67	165	379	N.D.		
22) Acenaphthylene	20.63	152	757	N.D.		
23) Acenaphthene	21.19	153	885	N.D.		
24) 2,4-Dinitrotoluene	21.84	165	524	N.D.		
25) Diethylphthalate	22.58	149	23010	0.86	ug/l	98
26) 4-Chlorophenylphenylether	22.74	204	875	N.D.		
27) Fluorene	22.72	166	2008	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
-Nitrosodiphenylamine	0.00	168	0	N.D.	d	
Bromophenylphenylether	24.21	248	619	N.D.		
achlorobenzene	24.64	284	675	N.D.		
nanthrene	25.61	178	6541	N.D.		

lifier out of range (m) = manual integration
CMS0510.M Mon May 13 10:11:34 2002 Page 1

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NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\9764.D Vial: 9
Acq On : 10 May 2002 8:52 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 10:08 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.74	178	6978	N.D.	
36)	Di-n-butylphthalate	27.52	149	36311	0.81 ug/l	99
37)	Fluoranthene	29.24	202	4822	N.D.	
39)	Pyrene	29.91	202	4684	N.D.	
40)	Butylbenzylphthalate	32.05	149	101	N.D.	
41)	Benzo(a)anthracene	33.61	228	2820	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.84	149	3111	N.D.	
43)	Chrysene	33.68	228	1268	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.71	252	525	N.D.	
47)	Benzo(k)fluoranthene	36.71	252	525	N.D.	
48)	Benzo(a)pyrene	37.83	252	2219	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

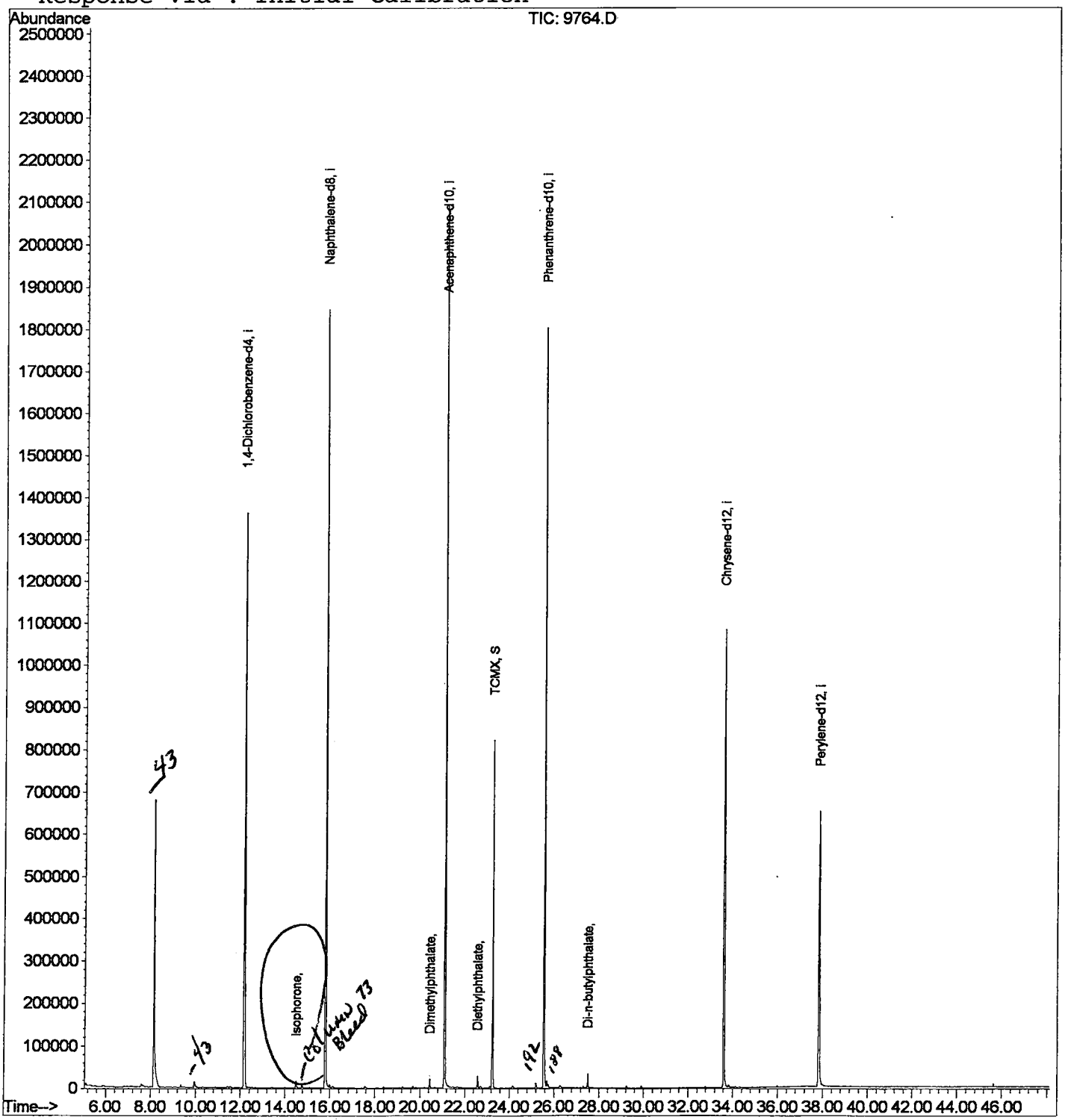
NYC-WTC_000023597

NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9764.D Vial: 9
Acq On : 10 May 2002 8:52 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 10:08 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9764.D Vial: 9
Acq On : 10 May 2002 8:52 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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

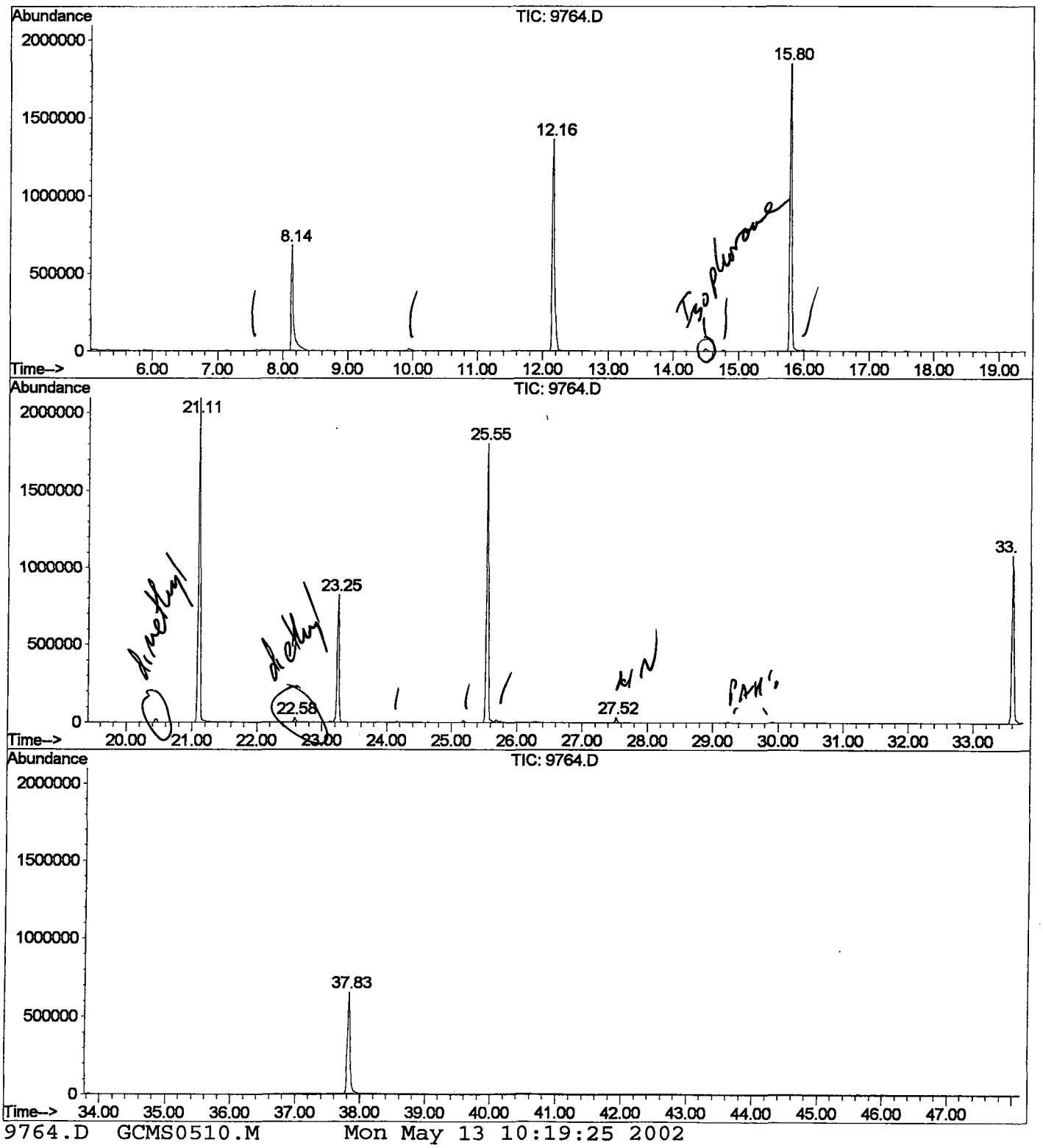
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.141	334	338	368	rVB	678226	1595305	36.32%	6.859%
2	12.164	771	777	793	rBV	1361893	3170420	72.19%	13.631%
3	15.802	1167	1174	1189	rBV	1845519	3949357	89.92%	16.980%
4	21.108	1746	1753	1771	rBV	2093326	4391942	100.00%	18.883%
5	22.583	1908	1914	1922	rBV	28648	56249	1.28%	0.242%
6	23.252	1978	1987	1995	rBV	821541	1700467	38.72%	7.311%
7	25.552	2231	2238	2249	rBV2	1802190	3899912	88.80%	16.767%
8	27.522	2446	2453	2461	rBV	33112	60962	1.39%	0.262%
9	33.607	3110	3117	3131	rBV2	1082044	2500722	56.94%	10.752%
10	37.831	3569	3578	3601	rBV2	650318	1933774	44.03%	8.314%

Sum of corrected areas: 23259110

9764.D GCMS0510.M Mon May 13 10:19:25 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\9764.D
Operator :
Acquired : 10 May 2002 8:52 pm using AcqMethod GCMS0510
Instrument : 209
Sample Name: GC/MS SCAN 5/9
Misc Info :
Vial Number: 9
Quant File :GCMS0510.RES (RTE Integrator)



9764.D GCMS0510.M Mon May 13 10:19:25 2002

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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9764.D Vial: 9
Acq On : 10 May 2002 8:52 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

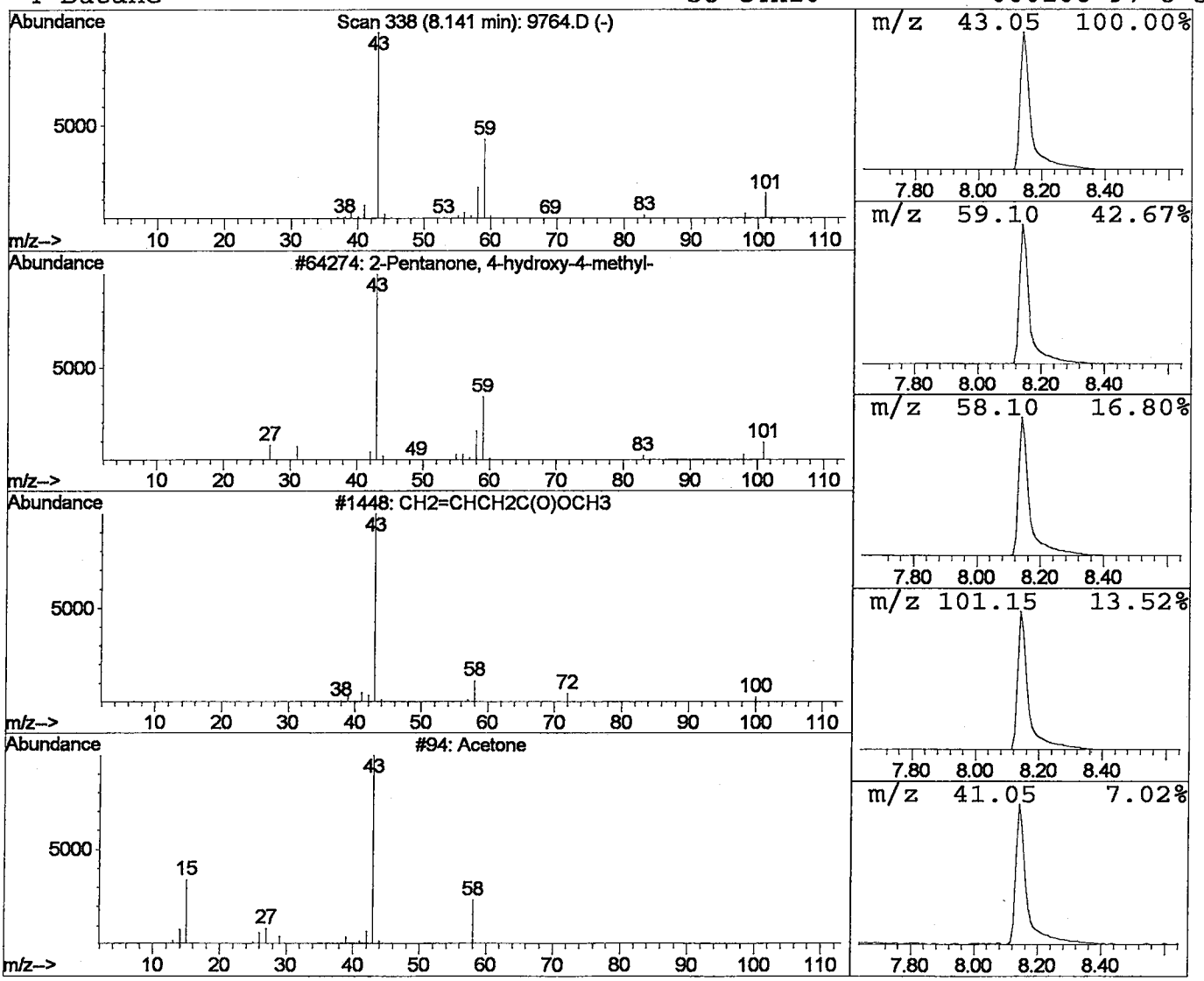
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	20.13 ug/l	1595310	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetone	58	C3H6O	000067-64-1	7
4	Butane	58	C4H10	000106-97-8	5



NYC-WTC_000023601

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Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 10 May 2002 8:52 pm
Data File: C:\HPCHEM\1\DATA\MAY1002\9764.D
Name: GC/MS SCAN 5/9
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.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-Pentanone, 4-hydro	8.14	20.1	ug/l	1595310	ISTD01	12.16	3170420	40.0

9764.D GCMS0510.M Mon May 13 10:19:27 2002