NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/25/2002 Time: 15:45:26

Sample: AE08761
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/25/02 15:44 Ended: 4/25/02 15:44 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		10.0

Comments for Sample AE08761 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-25-2002 Time: 15:46:37

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\APR2202\8761.D Vial: 23
Acq On : 23 Apr 2002 6:35 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 12:38 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	457778	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1690151	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	956400	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.59	188	1396651	20.00	ug/l	-0.02
39) Chrysene-d12	33.64	240	931128	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	605276	20.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	23.29	209	35658	7.44	ug/L	-0.04
Spiked Amount 10.000			Recovery = 74.40%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
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	0.00	128	0	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	22.63	149	209	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

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

NYC-WTC_000049115

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2202\8761.D Vial: 23
Acq On : 23 Apr 2002 6:35 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 12:38 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.59	178	483	N.D.	
35)	Anthracene	25.59	178	483	N.D.	
36)	Di-n-butylphthalate	27.56	149	3930	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.64	228	2123	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.85	149	1178	N.D.	
44)	Chrysene	33.64	228	2123	N.D.	
46)	Di-n-Octylphthalate	36.06	149	1388	N.D.	
47)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
49)	Benzo(a)pyrene	37.88	252	2395	N.D.	
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

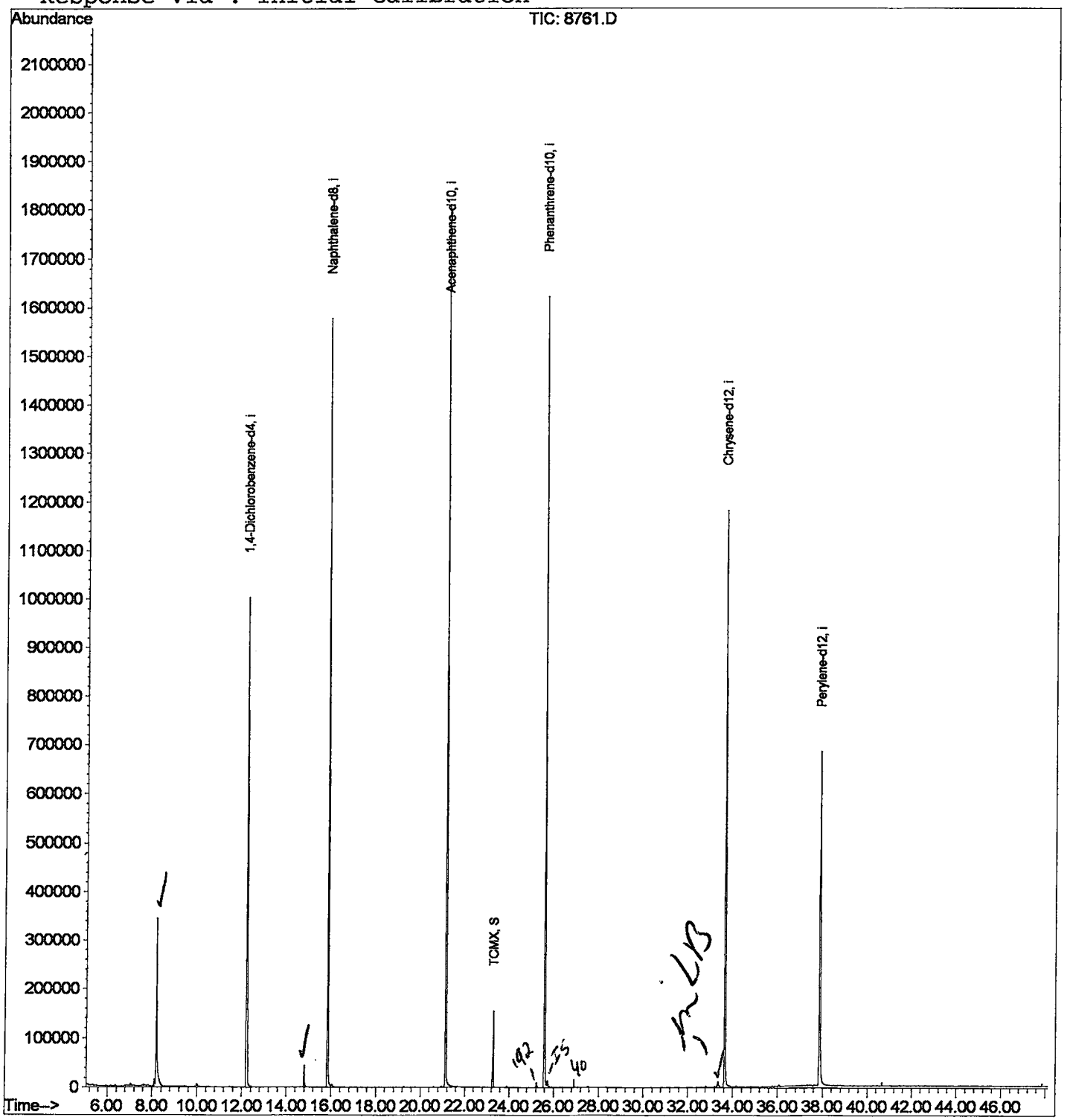
NYC-WTC_000049116

NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2202\8761.D Vial: 23
Acq On : 23 Apr 2002 6:35 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 12:38 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



NYC-WTC_000049117

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2202\8761.D Vial: 23
Acq On : 23 Apr 2002 6:35 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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	8.185	338	342	371	rVB	343565	835107	22.90%	4.434%
2	12.206	775	780	800	rBV	1002749	2474049	67.84%	13.135%
3	14.813	1058	1064	1068	rVB	45092	88090	2.42%	0.468%
4	15.842	1170	1176	1192	rBV	1577222	3185133	87.34%	16.910%
5	21.148	1747	1754	1766	rBV	1811052	3646680	100.00%	19.361%
6	23.287	1979	1987	1992	rBV	154771	310652	8.52%	1.649%
7	25.591	2231	2238	2248	rBV2	1621974	3524977	96.66%	18.714%
8	33.348	3075	3083	3095	rBV3	11418	38742	1.06%	0.206%
9	33.642	3108	3115	3134	rBV2	1181151	2676058	73.38%	14.207%
10	37.874	3567	3576	3597	rBV2	681407	2056118	56.38%	10.916%

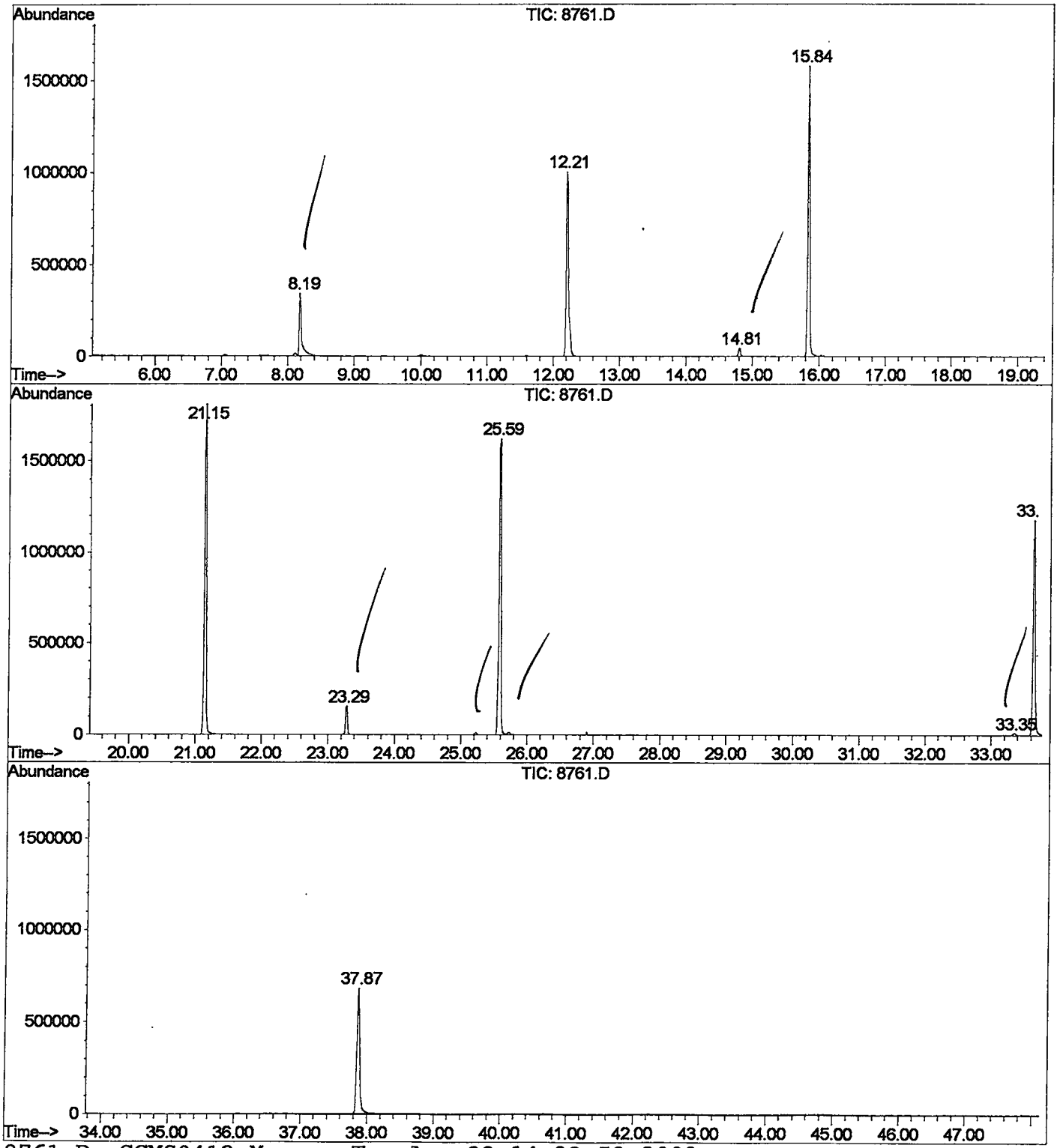
Sum of corrected areas: 18835606

8761.D GCMS0412.M Tue Apr 23 14:23:52 2002

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2202\8761.D
Operator :
Acquired : 23 Apr 2002 6:35 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/12
Misc Info :
Vial Number: 23
Quant File :GCMS0412.RES (RTE Integrator)



8761.D GCMS0412.M Tue Apr 23 14:23:52 2002

NYC-WTC_000049119

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8761.D Vial: 23
Acq On : 23 Apr 2002 6:35 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

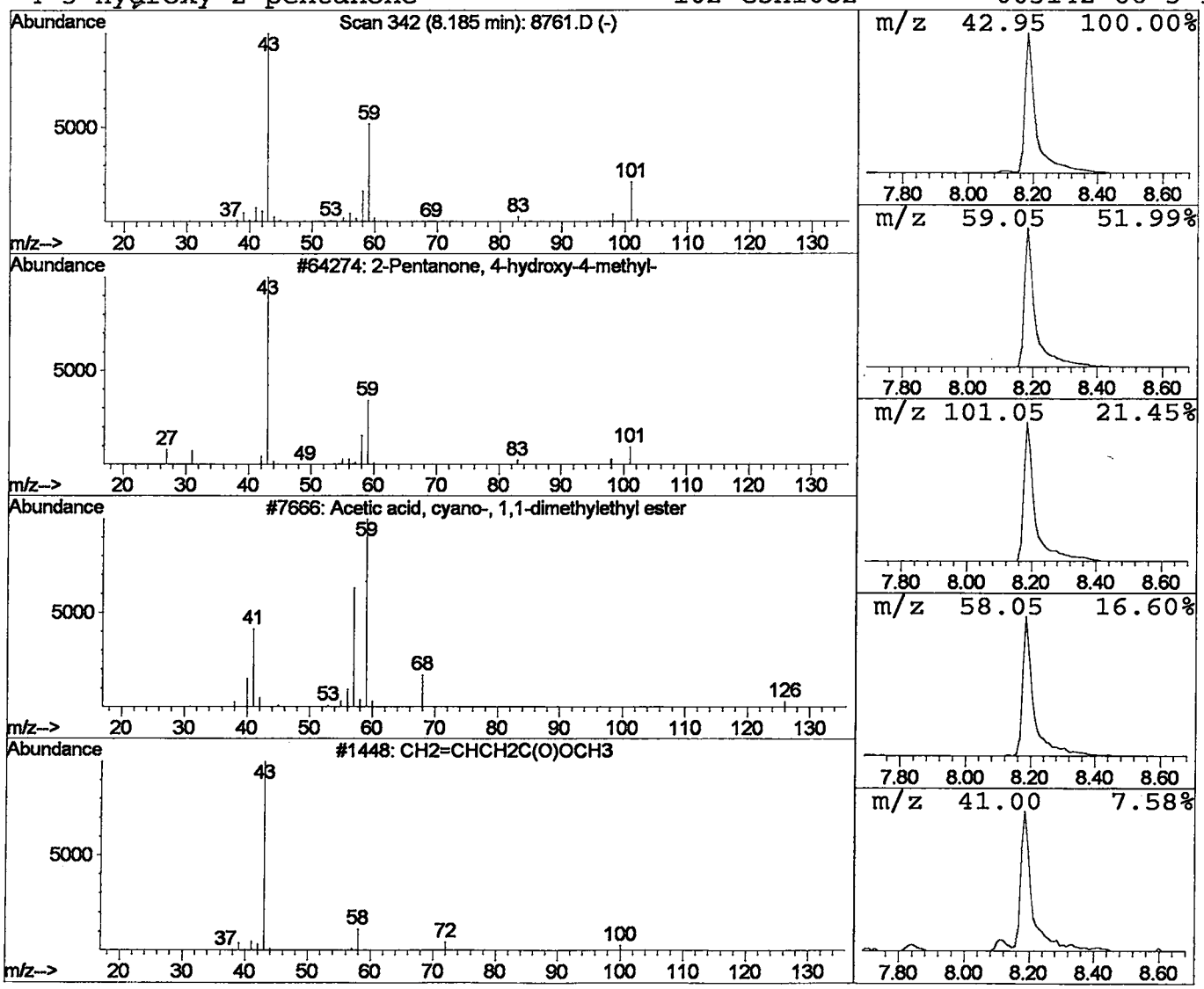
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	6.75 ug/l	835107	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	17
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



NYC-WTC_000049120

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8761.D Vial: 23
Acq On : 23 Apr 2002 6:35 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

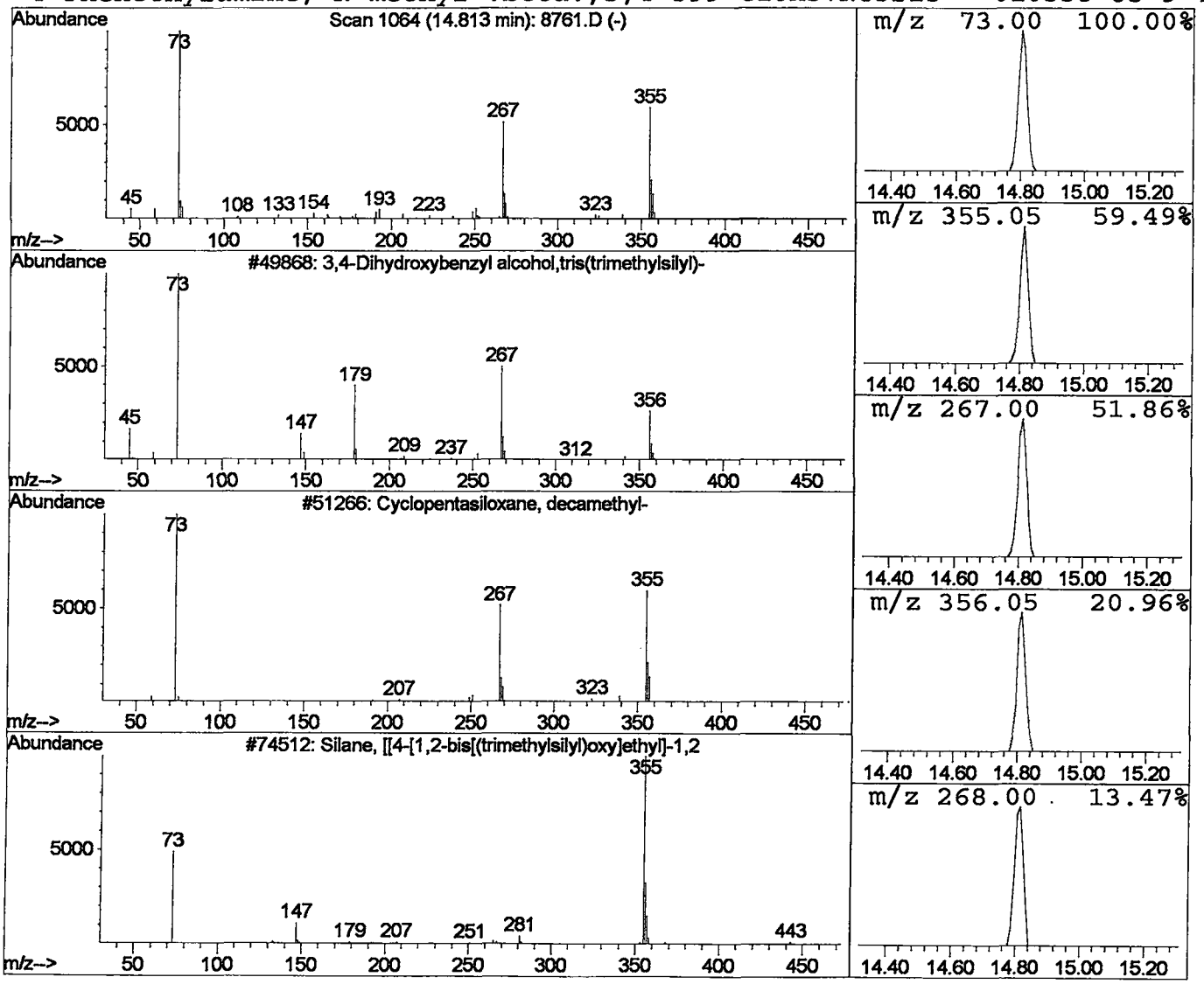
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3,4-Dihydroxybenzyl alcohol,tr Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.55 ug/l	88090	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	64
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
3	Silane, [[4-[1,2-bis[(trimethylsily	458	C20H42O4Si4	056114-62-6	47
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	47



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8761.D
Acq On : 23 Apr 2002 6:35 am
Sample : gc/ms scan 4/12
Misc :
MS Integration Params: LSCINT.P

Vial: 23
Operator:
Inst : 209
Multiplr: 1.00

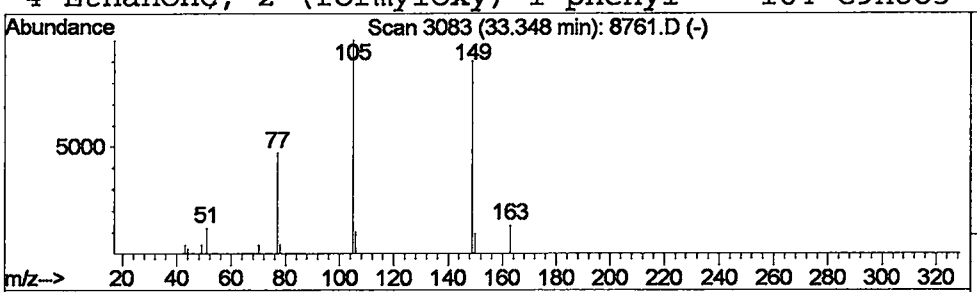
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

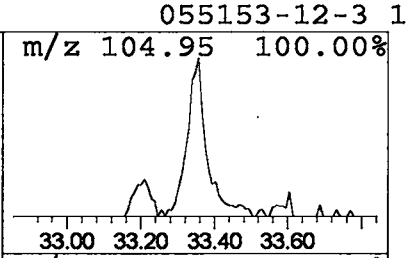
****

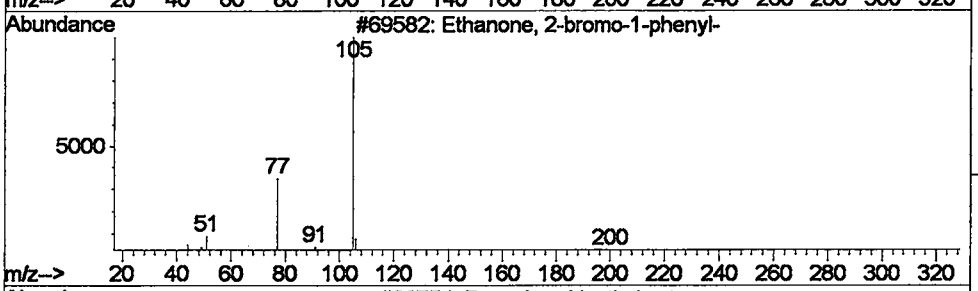
Peak Number 3 Ethanone, 2-bromo-1-phenyl- Concentration Rank 3

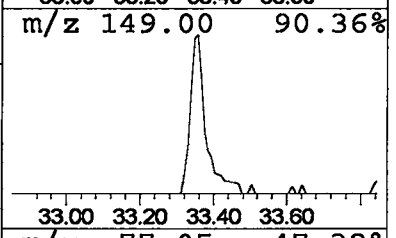
R.T.	EstConc	Area	Relative to ISTD	R.T.
33.35	0.29 ug/l	38742	Chrysene-d12	33.64

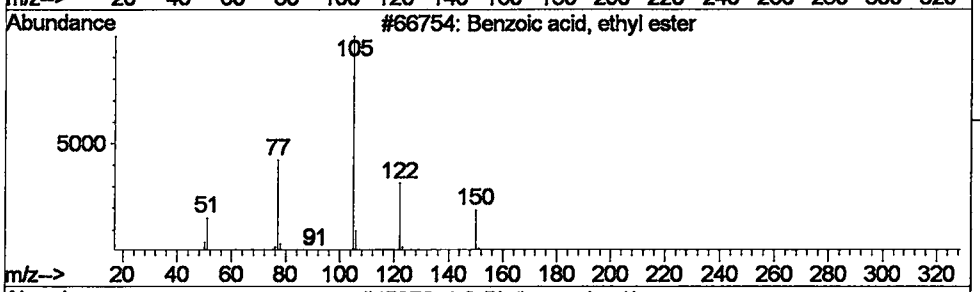
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2-bromo-1-phenyl-	198	C8H7BrO	000070-11-1	17
2	Benzoic acid, ethyl ester	150	C9H10O2	000093-89-0	17
3	1,2-Bis(benzoyloxy)benzene	318	C20H14O4	000643-94-7	12
4	Ethanone, 2-(formyloxy)-1-phenyl-	164	C9H8O3	055153-12-3	12

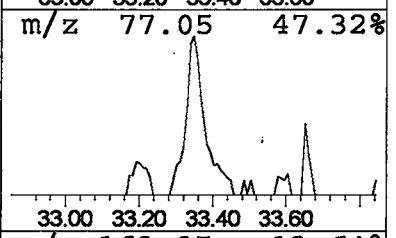


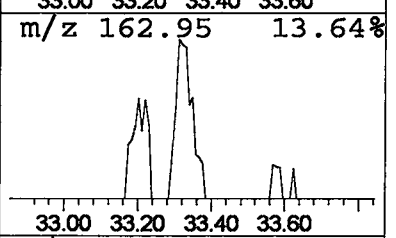


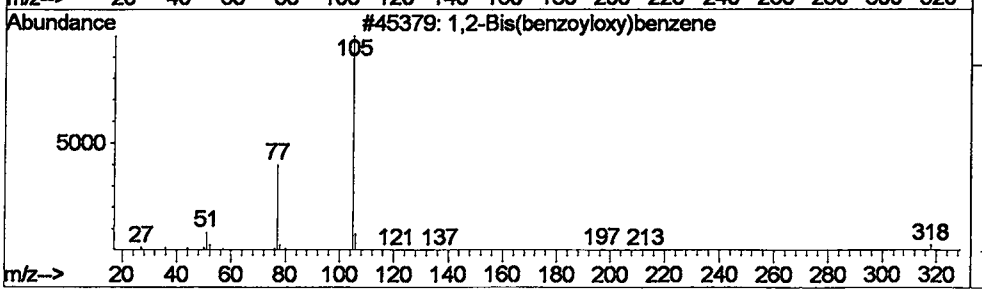


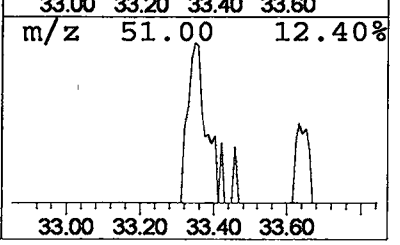












NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Apr 2002 6:35 am
Data File: C:\HPCHEM\1\DATA\APR2202\8761.D
Name: gc/ms scan 4/12
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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	8.19	6.8	ug/l	835107	ISTD01	12.21	2474050	20.0
3,4-Dihydroxybenzyl	14.81	0.6	ug/l	88090	ISTD02	15.84	3185130	20.0
Ethanone, 2-bromo-1-	33.35	0.3	ug/l	38742	ISTD05	33.64	2676060	20.0

8761.D GCMS0412.M Tue Apr 23 14:23:56 2002