NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2302\12095.D Vial: 10
Acq On : 23 May 2002 8:59 pm Operator: Morgan
Sample : 5/21 bn Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 15:48 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 15:47:14 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.15	152	459970	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	1670229m	40.00	ug/l	-0.01
17) Acenaphthene-d10	21.08	164	901703	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.52	188	1164864	40.00	ug/l	-0.01
38) Chrysene-d12	33.57	240	604514	40.00	ug/l	-0.03
44) Perylene-d12	37.79	264	410365	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.23	209	125937	27.79	ug/L	0.00
Spiked Amount 40.000			Recovery =	69.47%		
Target Compounds						Qvalue
2) N-nitrosodimethylamine	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-Nitrosodi-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	22.57	149	358	N.D.		
26) 4-Chlorophenylphenylether	23.23	204	555	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.23	168	180	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.53	178	306	N.D.		

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

NYC-WTC_000014818

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2302\12095.D Vial: 10
Acq On : 23 May 2002 8:59 pm Operator: Morgan
Sample : 5/21 bn Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 15:48 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 15:47:14 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.53	178	306	N.D.	
36)	Di-n-butylphthalate	27.50	149	2508	N.D.	
37)	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	33.58	228	1440	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.81	149	958	N.D.	
43)	Chrysene	33.58	228	1440	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.62	252	357	N.D.	
47)	Benzo(k)fluoranthene	36.69	252	318	N.D.	
48)	Benzo(a)pyrene	37.79	252	1494	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

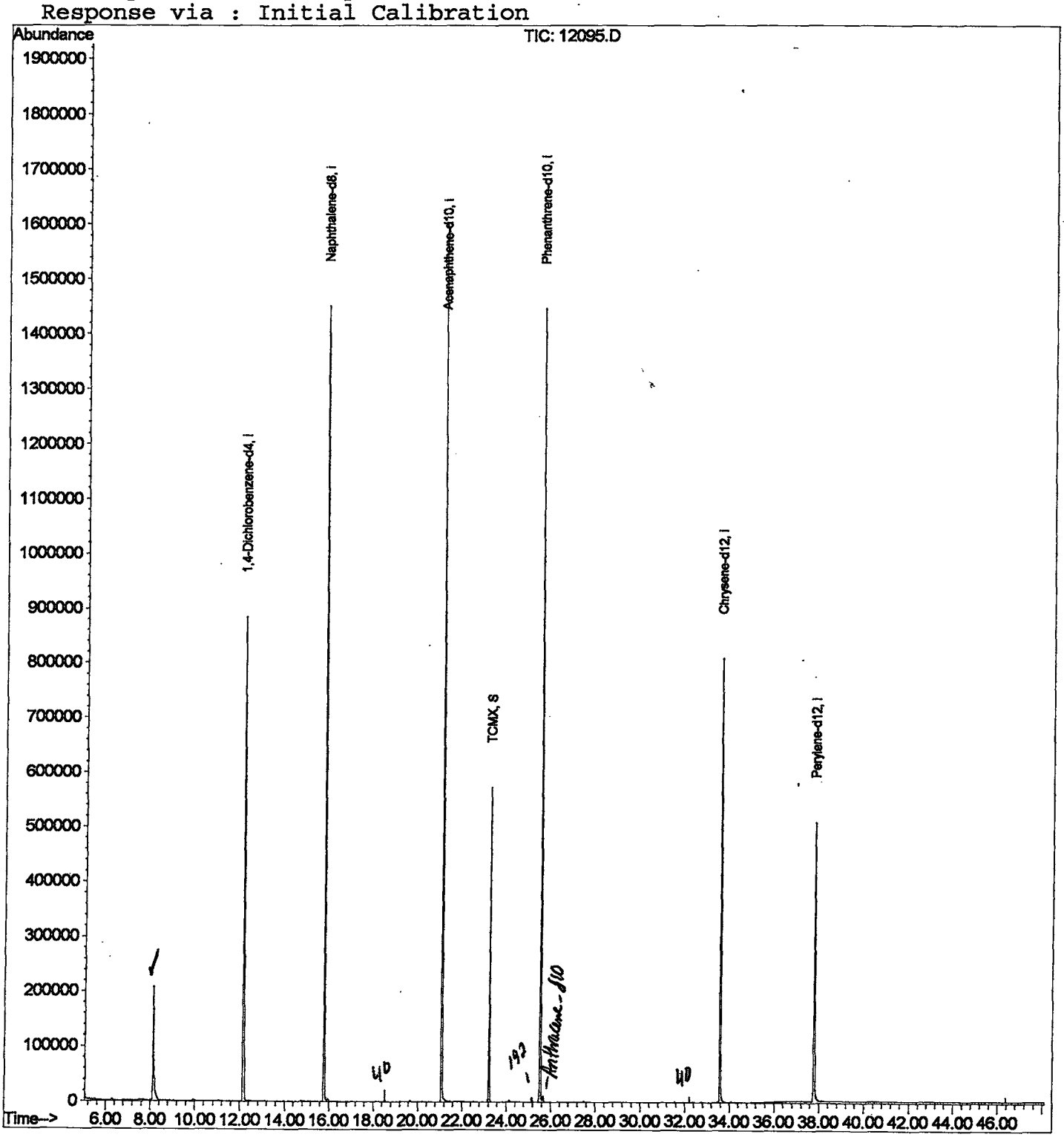
NYC-WTC_000014819

NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2302\12095.D Vial: 10
Acq On : 23 May 2002 8:59 pm Operator: Morgan
Sample : 5/21 bn Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 15:48 2002 Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 15:47:14 2002
Response via : Initial Calibration



NYC-WTC_000014820

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2302\12095.D Vial: 10
Acq On : 23 May 2002 8:59 pm Operator: Morgan
Sample : 5/21 bn Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0520.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	8.116	331	335	364	rVB	206431	577196	17.05%	3.436%
2	12.137	768	773	794	rBV	884161	2331787	68.90%	13.881%
3	15.782	1164	1170	1186	rBV	1451450	3046015	90.00%	18.133%
4	21.079	1741	1747	1762	rBV	1604290	3384462	100.00%	20.148%
5	23.227	1973	1981	1997	rBV	572415	1185426	35.03%	7.057%
6	25.522	2224	2231	2242	rBV2	1447426	3011153	88.97%	17.925%
7	33.573	3102	3108	3124	rBV2	809164	1827935	54.01%	10.882%
8	37.787	3559	3567	3584	rBV2	506636	1434187	42.38%	8.538%

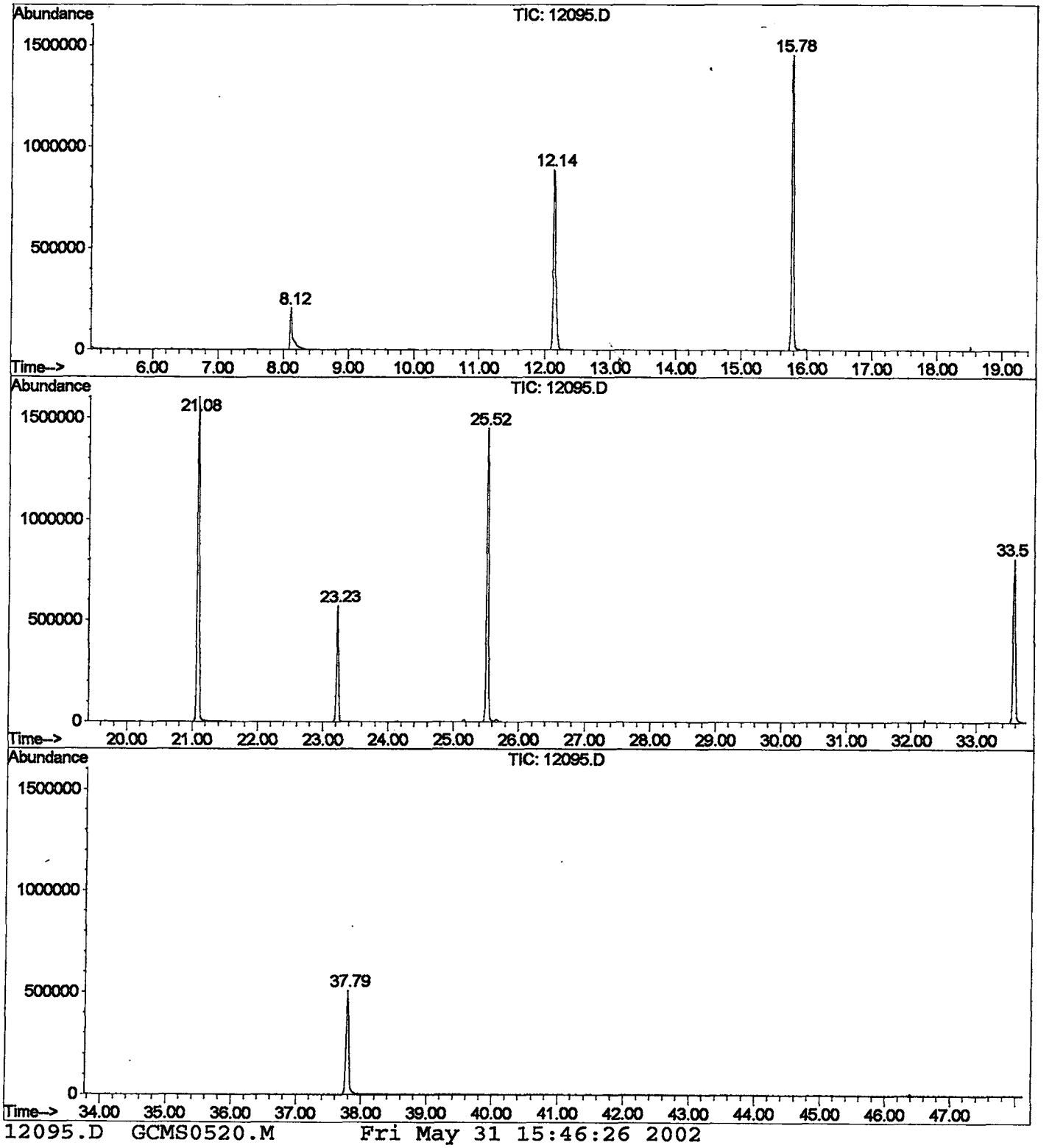
Sum of corrected areas: 16798161

12095.D GCMS0520.M Fri May 31 15:46:25 2002

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2302\12095.D
Operator : Morgan
Acquired : 23 May 2002 8:59 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: 5/21 bn
Misc Info :
Vial Number: 10
Quant File :GCMS0520.RES (RTE Integrator)



12095.D GCMS0520.M Fri May 31 15:46:26 2002

NYC-WTC_000014822

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2302\12095.D
Acq On : 23 May 2002 8:59 pm
Sample : 5/21 bn
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: Morgan
Inst : 209
Multiplr: 1.00

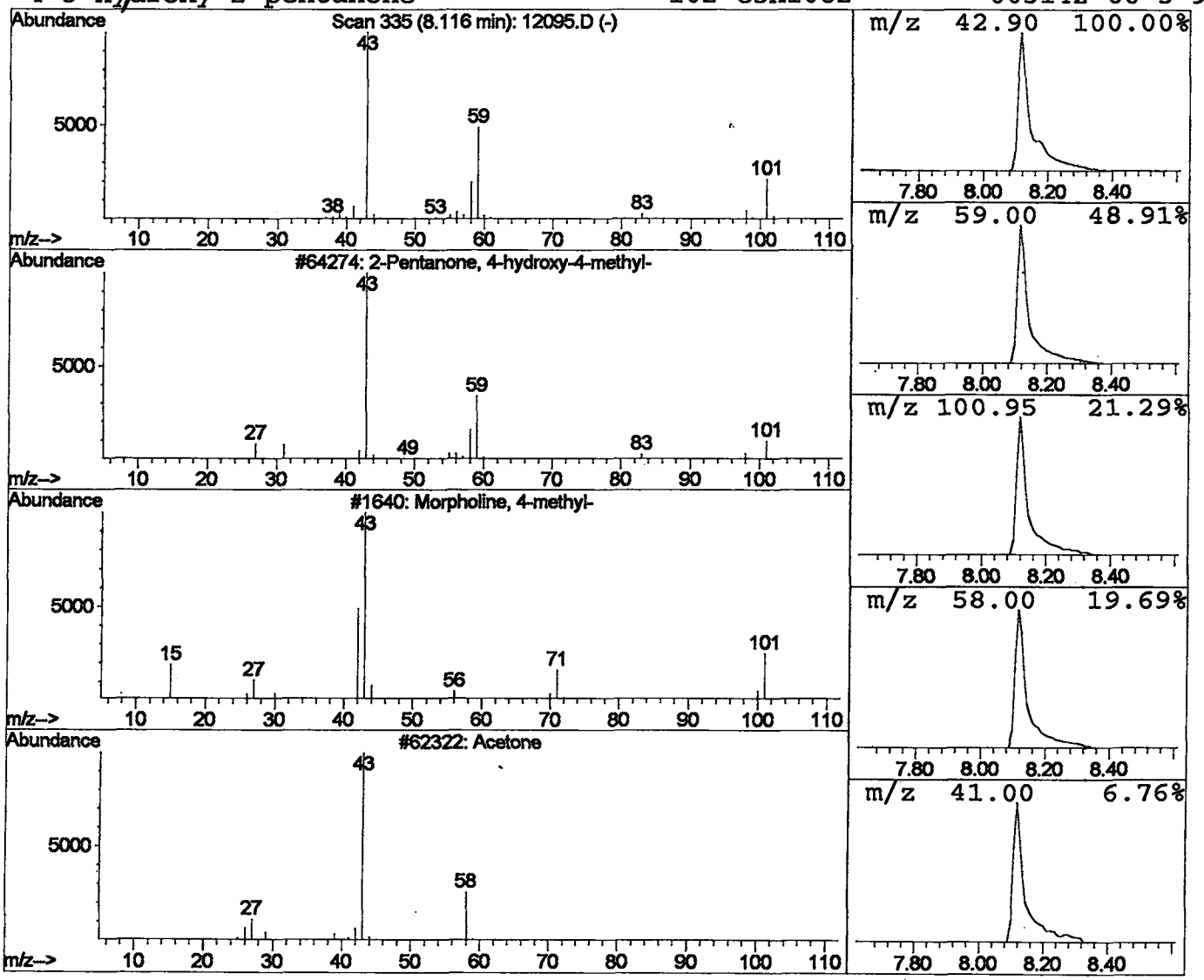
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	9.90 ug/l	577196	1,4-Dichlorobenzene-d4	12.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	Acetone	58	C3H6O	000067-64-1	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



NYC-WTC_000014823

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 23 May 2002 8:59 pm
Data File: C:\HPCHEM\1\DATA\MAY2302\12095.D
Name: 5/21 bn
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0520.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~~	8.12	9.9	ug/l	577196	ISTD01	12.15	2331790	40.0

12095.D GCMS0520.M Fri May 31 15:46:27 2002