User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 11:01:16

Sample: AE12281
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/3/02 11:01 Ended: 6/3/02 11:01 Analyst: DLV
Page: 1

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

Comments for Sample AE12281 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-03-2002 Time: 11:01:51

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\MAY2902\12281.D Vial: 22
Acq On : 30 May 2002 7:58 am Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 10:34 2002 Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	567792	40.00	ug/l	-0.08
10) Naphthalene-d8	15.69	136	2290647	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1099020	40.00	ug/l	-0.10
30) Phenanthrene-d10	25.42	188	1693642	40.00	ug/l	-0.11
38) Chrysene-d12	33.47	240	1010785	40.00	ug/l	-0.13
44) Perylene-d12	37.65	264	640310	40.00	ug/l	-0.15
System Monitoring Compounds						
28) TCMX	23.14	209	245191	32.32	ug/L	-0.10
Spiked Amount 40.000			Recovery = 80.80%			
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	12.06	146	441	N.D.		
5) 1,4-Dichlorobenzene	12.06	146	441	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	15.75	128	237	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.54	165	169	N.D.		
25) Diethylphthalate	22.49	149	627	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	1720	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.42	178	629	N.D.		

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

NYC-WTC_000013742

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2902\12281.D Vial: 22
Acq On : 30 May 2002 7:58 am Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 10:34 2002 Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.42	178	628	N.D.	
36) Di-n-butylphthalate	27.41	149	42244	0.76 ug/l	99
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	31.91	149	372	N.D.	
41) Benzo(a)anthracene	33.47	228	2469	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.70	149	6559	0.26 ug/l #	87
43) Chrysene	33.47	228	2469	N.D.	
45) Di-n-Octylphthalate	35.45	149	473	N.D.	
46) Benzo(b)fluoranthene	36.60	252	169	N.D.	
47) Benzo(k)fluoranthene	0.00	252	0	N.D.	
48) Benzo(a)pyrene	37.66	252	2750	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
12281.D GCMS0528.M Thu May 30 10:34:55 2002 Page 2

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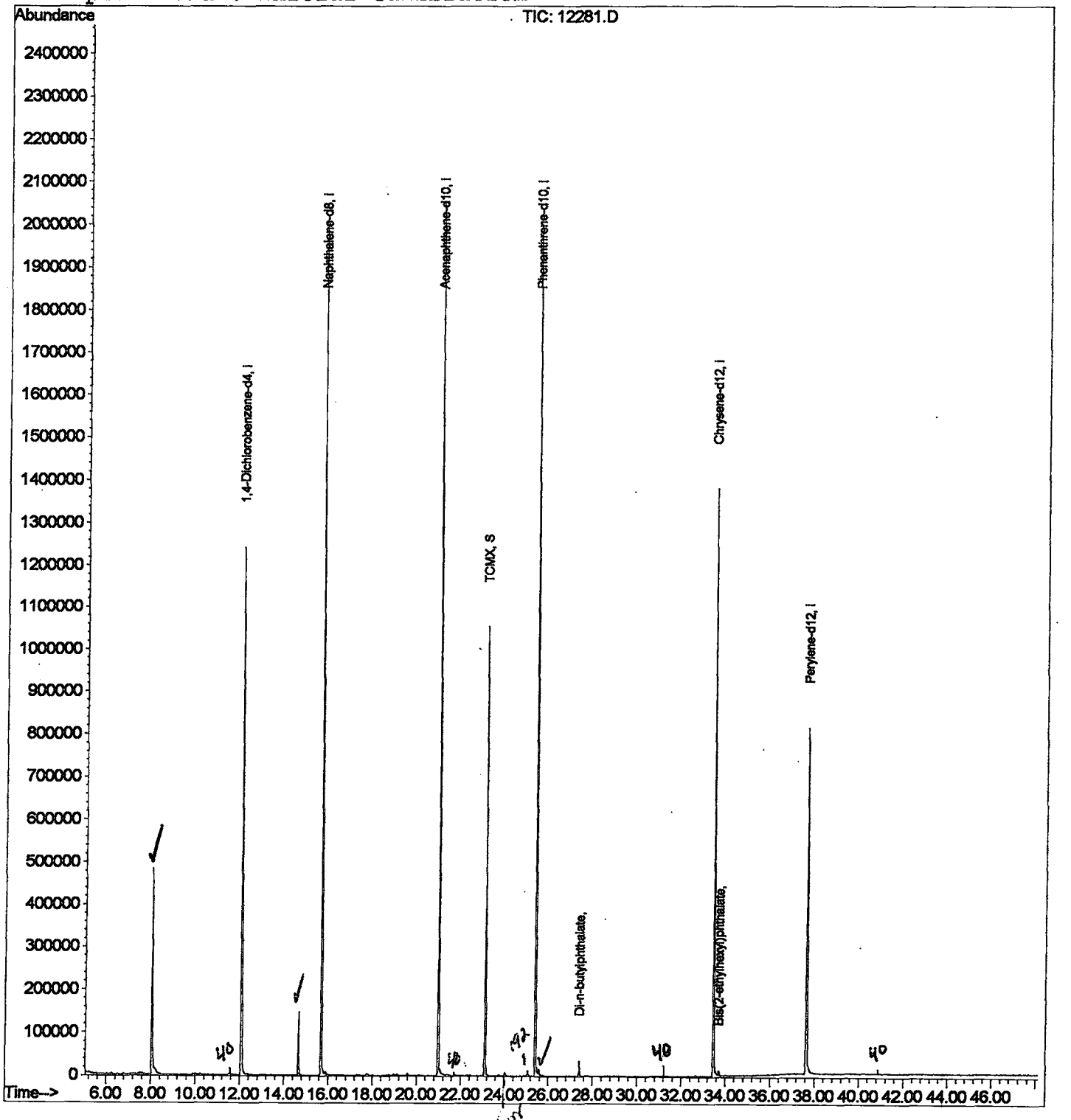
NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12281.D Vial: 22
Acq On : 30 May 2002 7:58 am Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 10:34 2002 Quant Results File: GCMS0528.RES

Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration



NYC-WTC_000013744

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12281.D Vial: 22
Acq On : 30 May 2002 7:58 am Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0528.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	8.045	323	327	340	rBV	483414	1128437	26.10%	4.457%
2	12.065	760	765	784	rBV	1241225	3079209	71.23%	12.163%
3	14.682	1043	1050	1057	rBV	147602	304830	7.05%	1.204%
4	15.692	1154	1160	1176	rBV	1985714	4215357	97.52%	16.651%
5	20.989	1731	1737	1753	rBV	2053356	4322750	100.00%	17.075%
6	23.128	1961	1970	1978	rBV	1055200	2271937	52.56%	8.974%
7	25.423	2213	2220	2231	rBV2	1999377	4316930	99.87%	17.052%
8	25.570	2232	2236	2247	rVB	15489	47963	1.11%	0.189%
9	27.406	2431	2436	2442	rBV	35649	68461	1.58%	0.270%
10	33.474	3090	3097	3113	rBV2	1379767	3168020	73.29%	12.514%
11	37.651	3544	3552	3568	rBV2	809081	2392122	55.34%	9.449%

Sum of corrected areas: 25316016

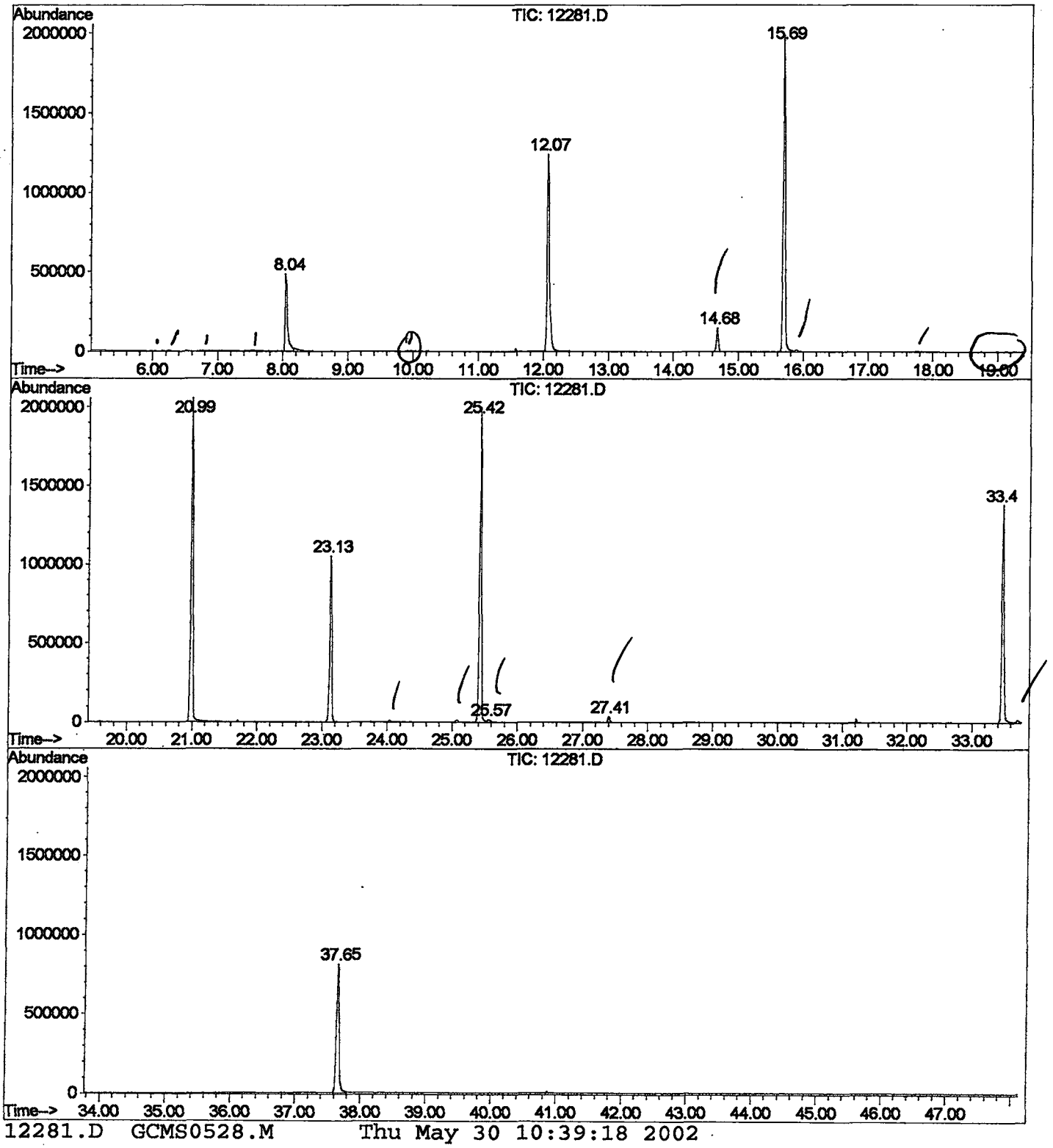
12281.D GCMS0528.M Thu May 30 10:39:17 2002

NYC-WTC_000013745

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2902\12281.D
Operator : Morgan
Acquired : 30 May 2002 7:58 am using AcqMethod GCMS0528
Instrument : 209
Sample Name: gc/ms scan 5/23
Misc Info :
Vial Number: 22
Quant File :GCMS0528.RES (RTE Integrator)



12281.D GCMS0528.M Thu May 30 10:39:18 2002

NYC-WTC_000013746

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12281.D
Acq On : 30 May 2002 7:58 am
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: LSCINT.P

Vial: 22
Operator: Morgan
Inst : 209
Multiplr: 1.00

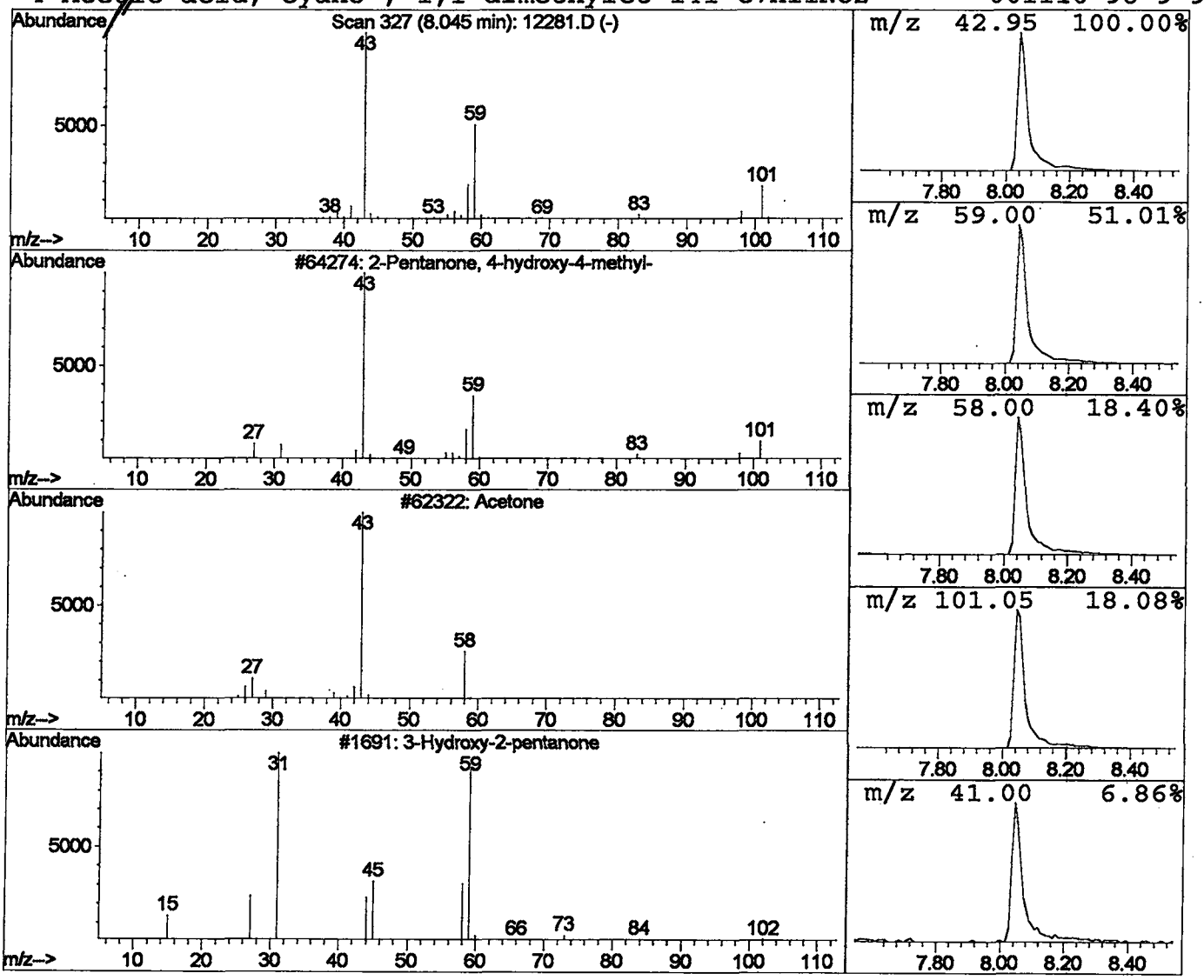
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	14.66 ug/l	1128440	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetone	58	C3H6O	000067-64-1	9
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	9



NYC-WTC_000013747

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12281.D Vial: 22
Acq On : 30 May 2002 7:58 am Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

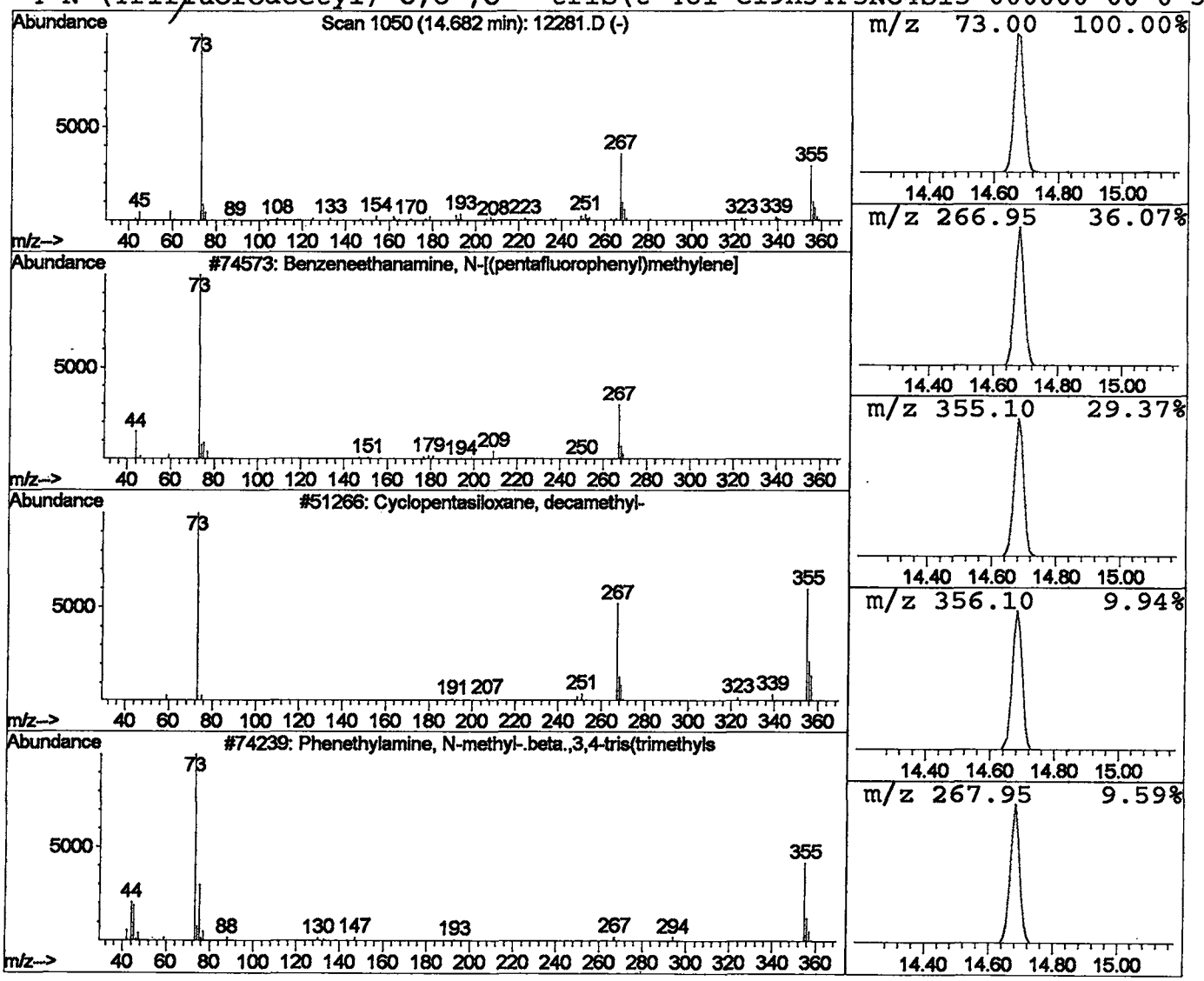
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Benzeneethanamine, N-[(pentafl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	2.89 ug/l	304830	Naphthalene-d8	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	43
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	42
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
4	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	37



NYC-WTC_000013748

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12281.D
Acq On : 30 May 2002 7:58 am
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: LSCINT.P

Vial: 22
Operator: Morgan
Inst : 209
Multiplr: 1.00

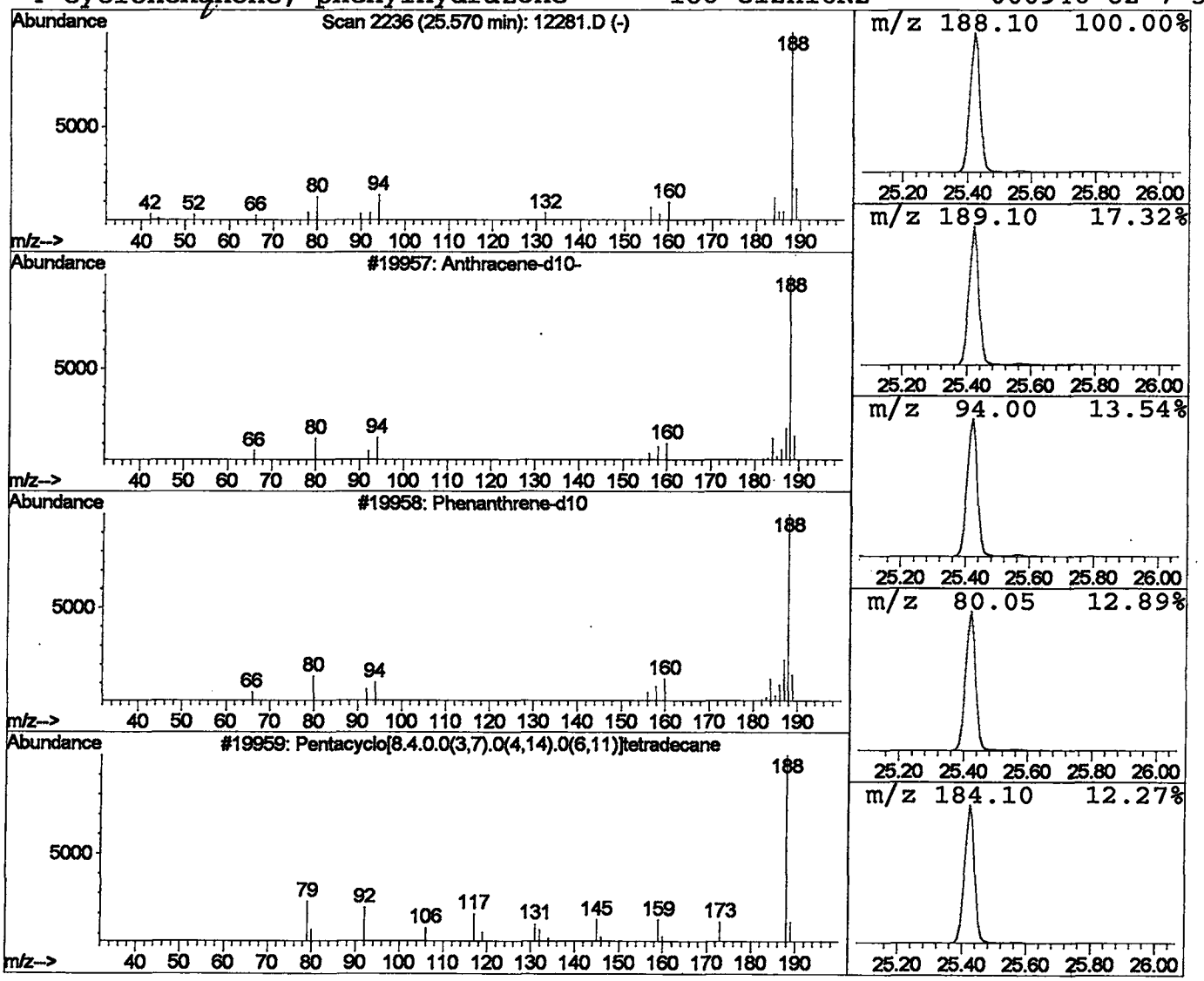
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	0.44 ug/l	47963	Phenanthrene-d10	25.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	87
2	Phenanthrene-d10	188	C14D10	001517-22-2	78
3	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	36
4	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	33



NYC-WTC_000013749

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 30 May 2002 7:58 am
Data File: C:\HPCHEM\1\DATA\MAY2902\12281.D
Name: gc/ms scan 5/23
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0528.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	8.04	14.7	ug/l	1128440	ISTD01	12.07	3079210	40.0
Benzeneethanamine, N	14.68	2.9	ug/l	304830	ISTD02	15.69	4215360	40.0
Anthracene-d10-	25.57	0.4	ug/l	47963	ISTD04	25.42	4316930	40.0

12281.D GCMS0528.M Thu May 30 10:39:20 2002