NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:36:16

Sample: AE07501
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/23/02 14:33 Ended: 4/23/02 14:33 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		127		10.0

Comments for Sample AE07501 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-23-2002 Time: 14:36:40

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\APR1802\7501.D Vial: 9
Acq On : 20 Apr 2002 1:24 am Operator:
Sample : gc/ms scan 4/1 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 10:35 2002 Quant Results File: GCMS0419.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.22	152	449029	20.00	ug/l	-0.02
10) Naphthalene-d8	15.84	136	1614138	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	916467	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.59	188	1371608	20.00	ug/l	-0.02
39) Chrysene-d12	33.64	240	953293	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	654654	20.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	23.29	209	38754	5.07	ug/L	-0.04
Spiked Amount 4.000			Recovery = 126.75%			
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	356	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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\7501.D Vial: 9
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Sample : gc/ms scan 4/1 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 10:35 2002 Quant Results File: GCMS0419.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 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	391	N.D.	
35)	Anthracene	25.59	178	391	N.D.	
36)	Di-n-butylphthalate	27.56	149	863	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	2091	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	1258	N.D.	
44)	Chrysene	33.64	228	2091	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	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	37.87	252	2528	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

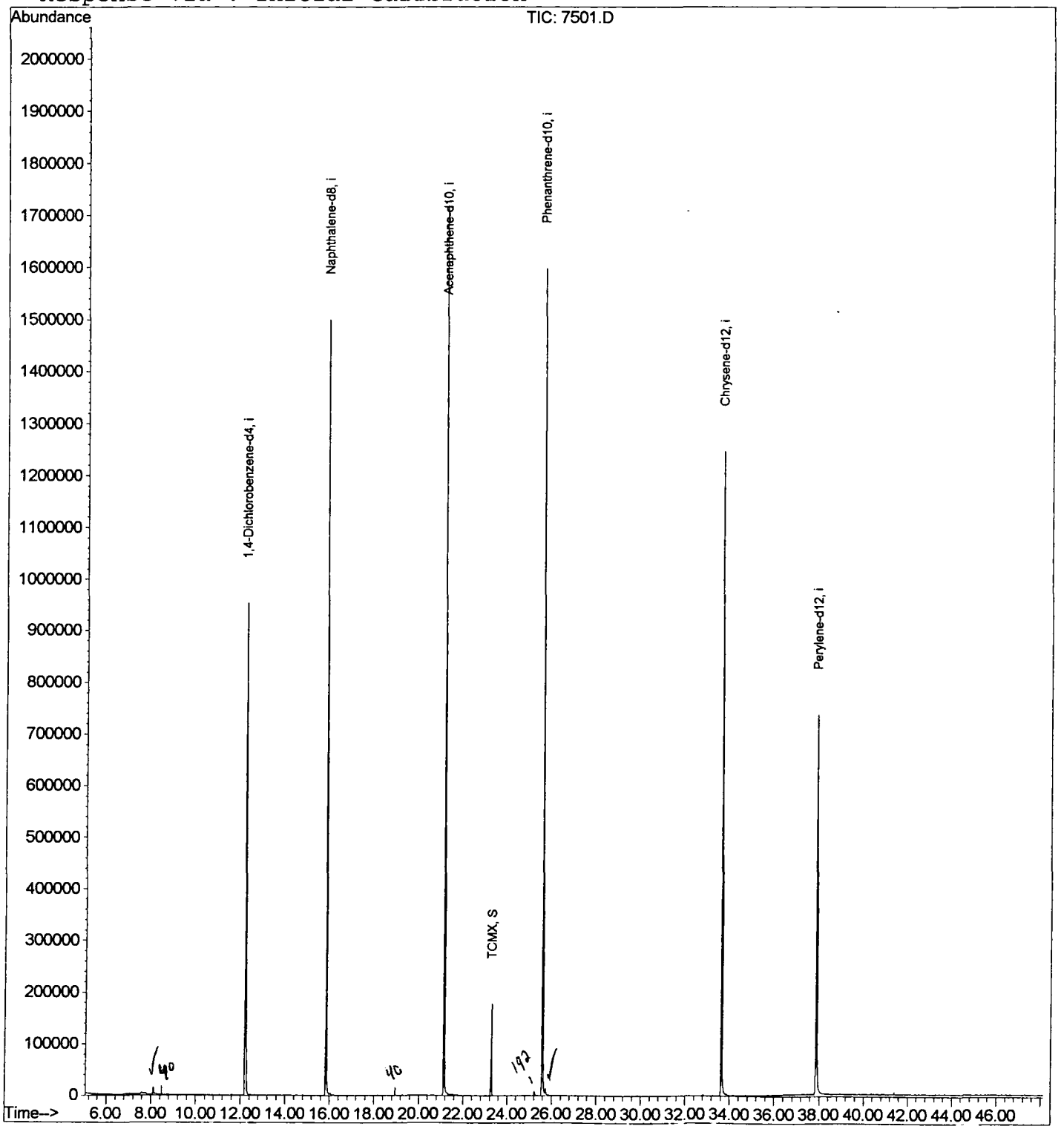
NYC-WTC_000047037

NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1802\7501.D Vial: 9
Acq On : 20 Apr 2002 1:24 am Operator:
Sample : gc/ms scan 4/1 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 10:35 2002 Quant Results File: GCMS0419.RES

Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration



NYC-WTC_000047038

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1802\7501.D Vial: 9
Acq On : 20 Apr 2002 1:24 am Operator:
Sample : gc/ms scan 4/1 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0419.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	8.112	330	334	341	rBV	14927	35030	1.01%	0.199%
2	12.207	775	780	798	rBV	952593	2380029	68.72%	13.498%
3	15.842	1170	1176	1193	rBV	1499379	3027721	87.42%	17.171%
4	21.148	1748	1754	1767	rBV	1718112	3463408	100.00%	19.642%
5	23.287	1979	1987	1994	rBV	178370	342095	9.88%	1.940%
6	25.591	2231	2238	2249	rBV2	1598566	3438127	99.27%	19.499%
7	25.729	2249	2253	2264	rVB	13522	34678	1.00%	0.197%
8	33.643	3108	3115	3136	rBV2	1246628	2730193	78.83%	15.484%
9	37.875	3567	3576	3592	rBV2	735320	2180970	62.97%	12.369%

Sum of corrected areas: 17632251

7501.D GCMS0419.M Mon Apr 22 10:43:48 2002

NYC-WTC_000047039

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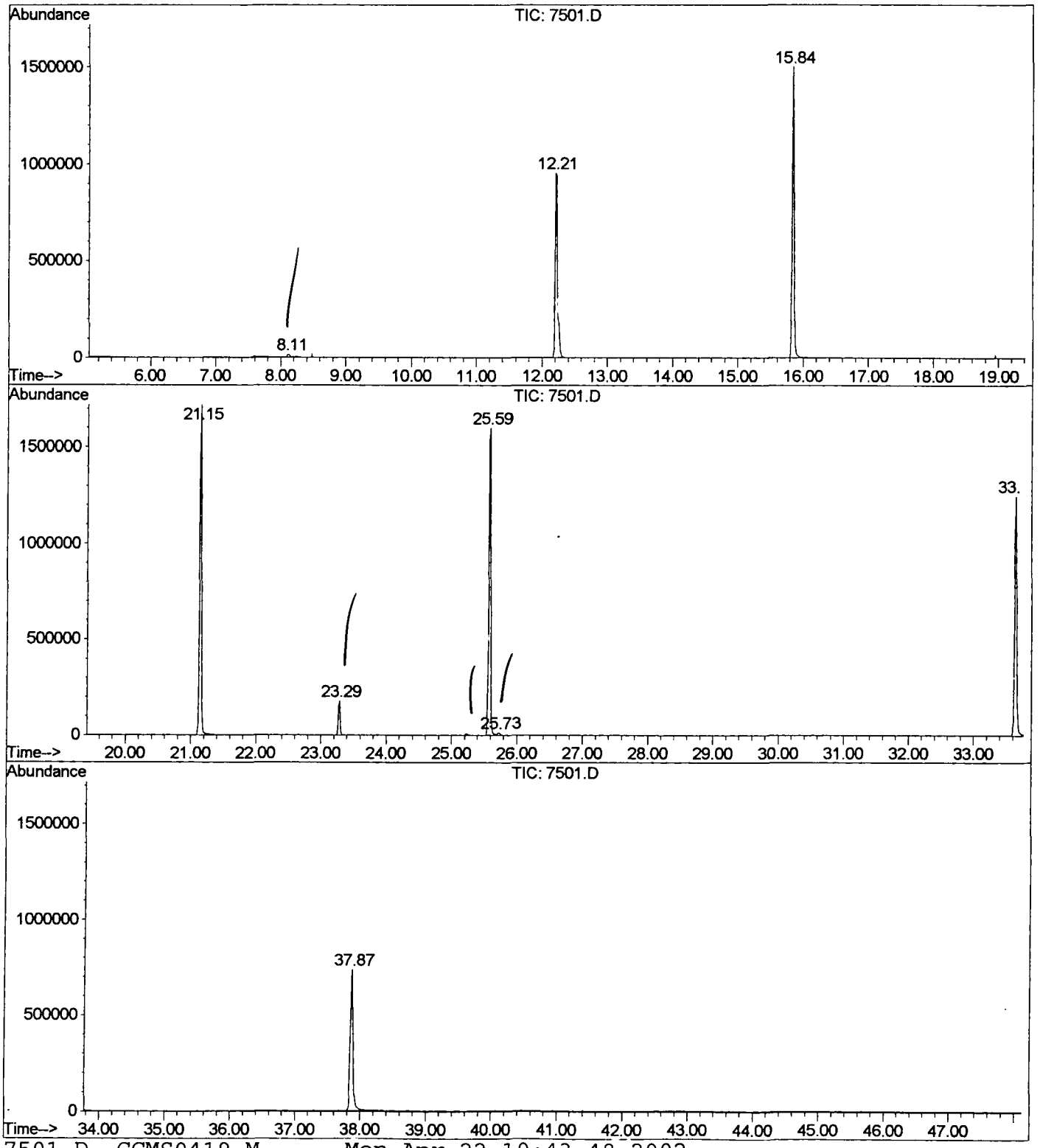
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1802\7501.D
Operator :
Acquired : 20 Apr 2002 1:24 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/1 fb
Misc Info :
Vial Number: 9
Quant File :GCMS0419.RES (RTE Integrator)



7501.D GCMS0419.M Mon Apr 22 10:43:48 2002

NYC-WTC_000047040

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\7501.D Vial: 9
Acq On : 20 Apr 2002 1:24 am Operator:
Sample : gc/ms scan 4/1 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

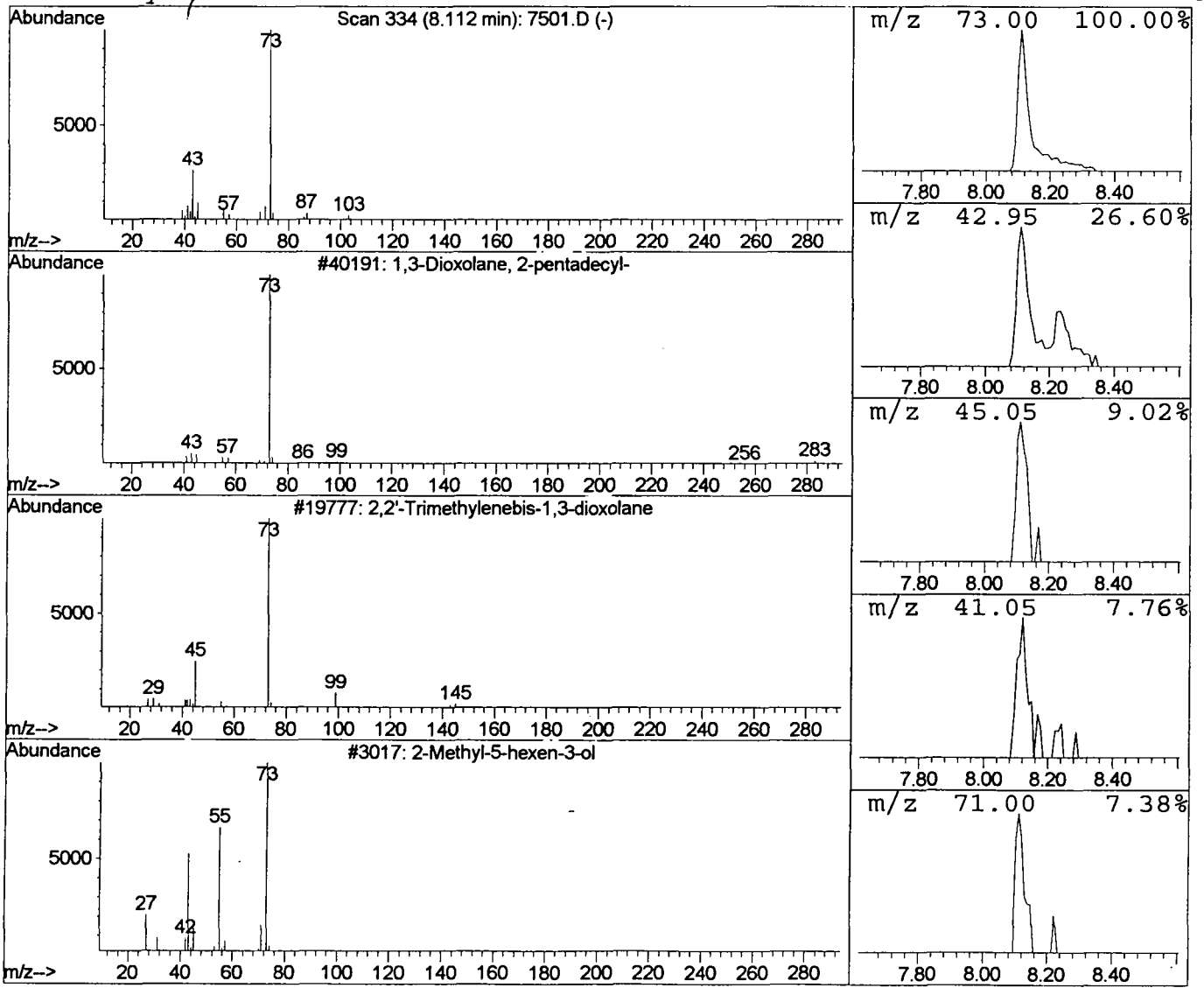
Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-pentadecyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	0.29 ug/l	35030	1,4-Dichlorobenzene-d4	12.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
2	2,2'-Trimethylenebis-1,3-dioxolane	188	C9H16O4	006543-04-0	9
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5



NYC-WTC_000047041

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\7501.D Vial: 9
Acq On : 20 Apr 2002 1:24 am Operator:
Sample : gc/ms scan 4/1 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

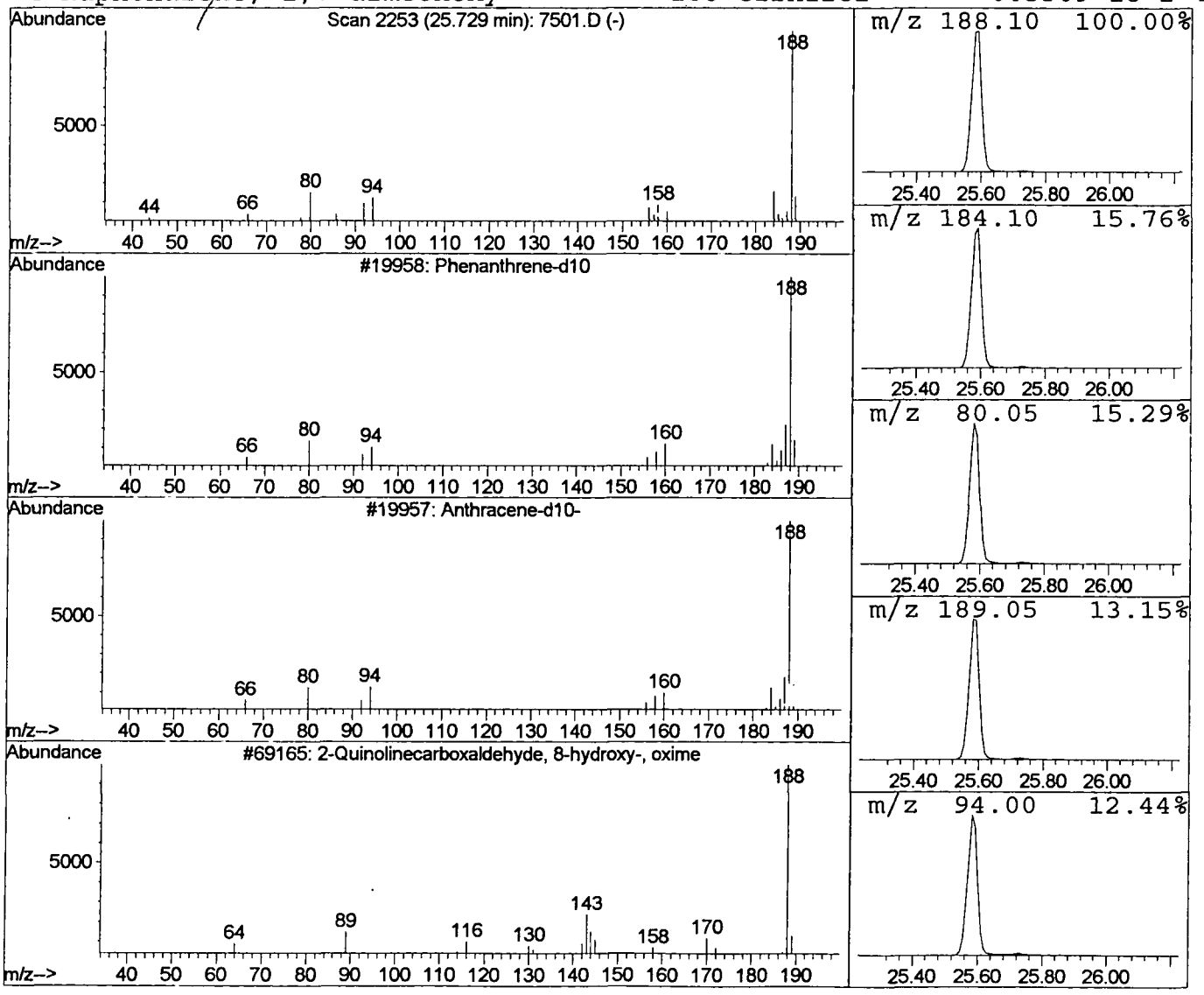
Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.73	0.20 ug/l	34678	Phenanthrene-d10	25.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	91
2	Anthracene-d10-	188	C14D10	001719-06-8	91
3	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	40
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	40



NYC-WTC_000047042

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Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 Apr 2002 1:24 am
Data File: C:\HPCHEM\1\DATA\APR1802\7501.D
Name: gc/ms scan 4/1 fb
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0419.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
1,3-Dioxolane, 2-pen	8.11	0.3	ug/l	35030	ISTD01	12.22	2380030	20.0
Phenanthrene-d10	25.73	0.2	ug/l	34678	ISTD04	25.59	3438130	20.0

7501.D GCMS0419.M Mon Apr 22 10:43:50 2002