User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 18:07:57

Sample: AE03835
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/15/02 18:07 Ended: 3/15/02 18:07 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		5.0

Comments for Sample AE03835 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-15-2002 Time: 18:09:13

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were above their acceptance ranges.

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\3835.D Vial: 75
Acq On : 24 Feb 2002 7:50 pm Operator:
Sample : gc/ms scan 2/22 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 8:24 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	226723	20.00	ug/l	-0.03
10) Naphthalene-d8	15.97	136	870791	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	451154	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	644205	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	425253	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	263303	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	42335	6.29	ug/mL	0.31
Spiked Amount 5.000			Recovery = ~~125.80~~%			
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	22.78	149	338	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\3835.D Vial: 75
Acq On : 24 Feb 2002 7:50 pm Operator:
Sample : gc/ms scan 2/22 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 8:24 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.71	149	2011	N.D.	
36)	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	33.80	228	890	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	4092	N.D.	
43)	Chrysene	33.80	228	890	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	38.06	252	1018	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

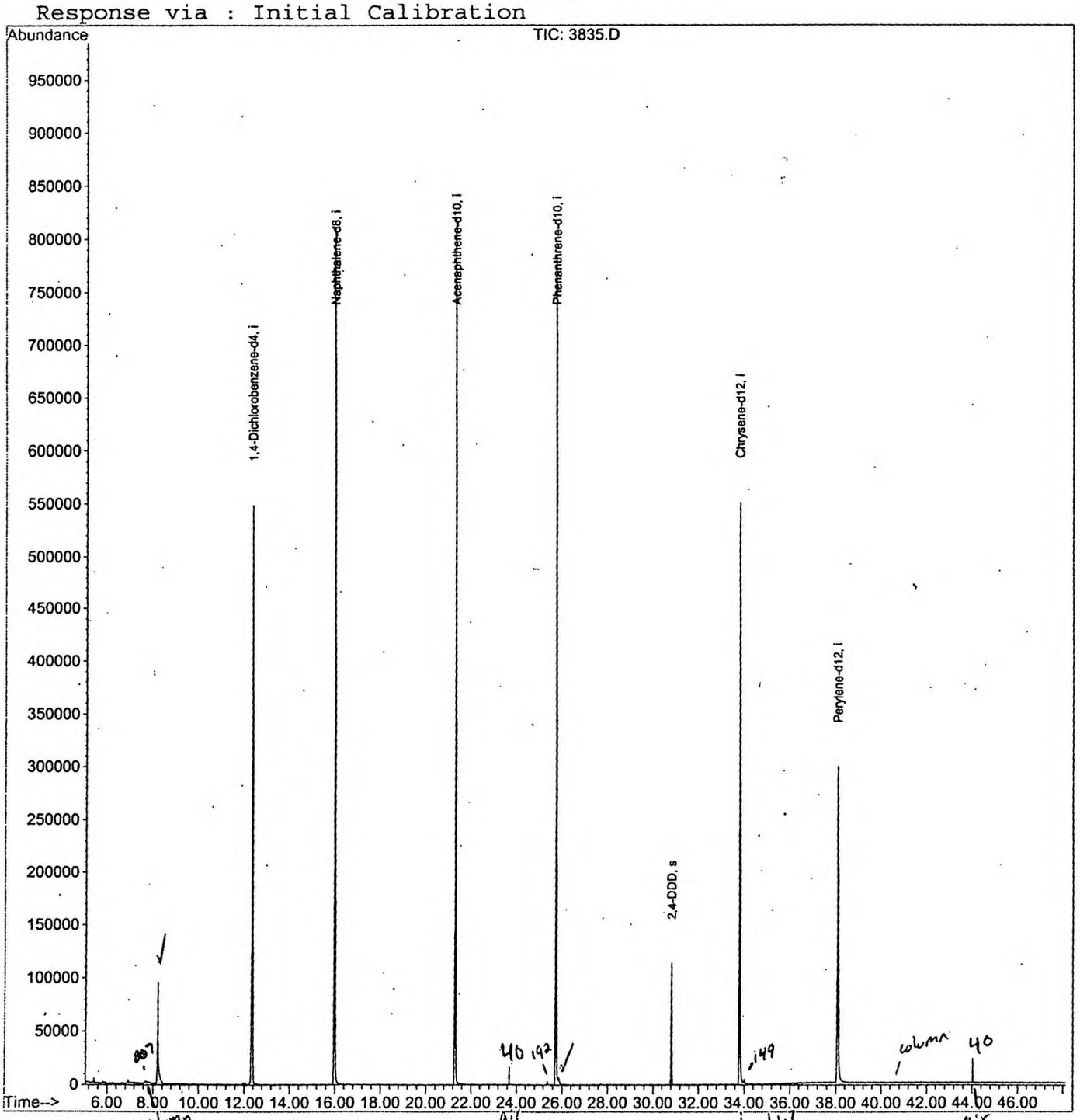
NYC-WTC_000038285

NYC 9/11 Public Portal Document

Quantitation

Data File : C:\HPCHEM\1\DATA\FEB2102\3835.D Vial: 75
Acq On : 24 Feb 2002 7:50 pm Operator:
Sample : gc/ms scan 2/22 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 8:24 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



NYC-WTC_000038286

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\3835.D Vial: 75
Acq On : 24 Feb 2002 7:50 pm Operator:
Sample : gc/ms scan 2/22 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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	8.197	340	344	372	rVB	95261	263027	14.55%	2.839%
2	12.328	789	794	812	rVB	548258	1311467	72.57%	14.157%
3	15.973	1185	1191	1209	rBV	810447	1714150	94.85%	18.503%
4	21.288	1763	1770	1791	rBV	820276	1807148	100.00%	19.507%
5	25.731	2247	2254	2265	rBV2	784381	1697649	93.94%	18.325%
6	25.869	2265	2269	2280	rVB2	6521	21849	1.21%	0.236%
7	30.808	2802	2807	2813	rBV	114446	223079	12.34%	2.408%
8	33.801	3126	3133	3149	rBV2	551515	1297592	71.80%	14.007%
9	38.079	3591	3599	3622	rBV2	298840	928067	51.36%	10.018%

Sum of corrected areas: 9264028

3835.D GCMS0208.M Wed Mar 13 11:34:36 2002

NYC-WTC_000038287

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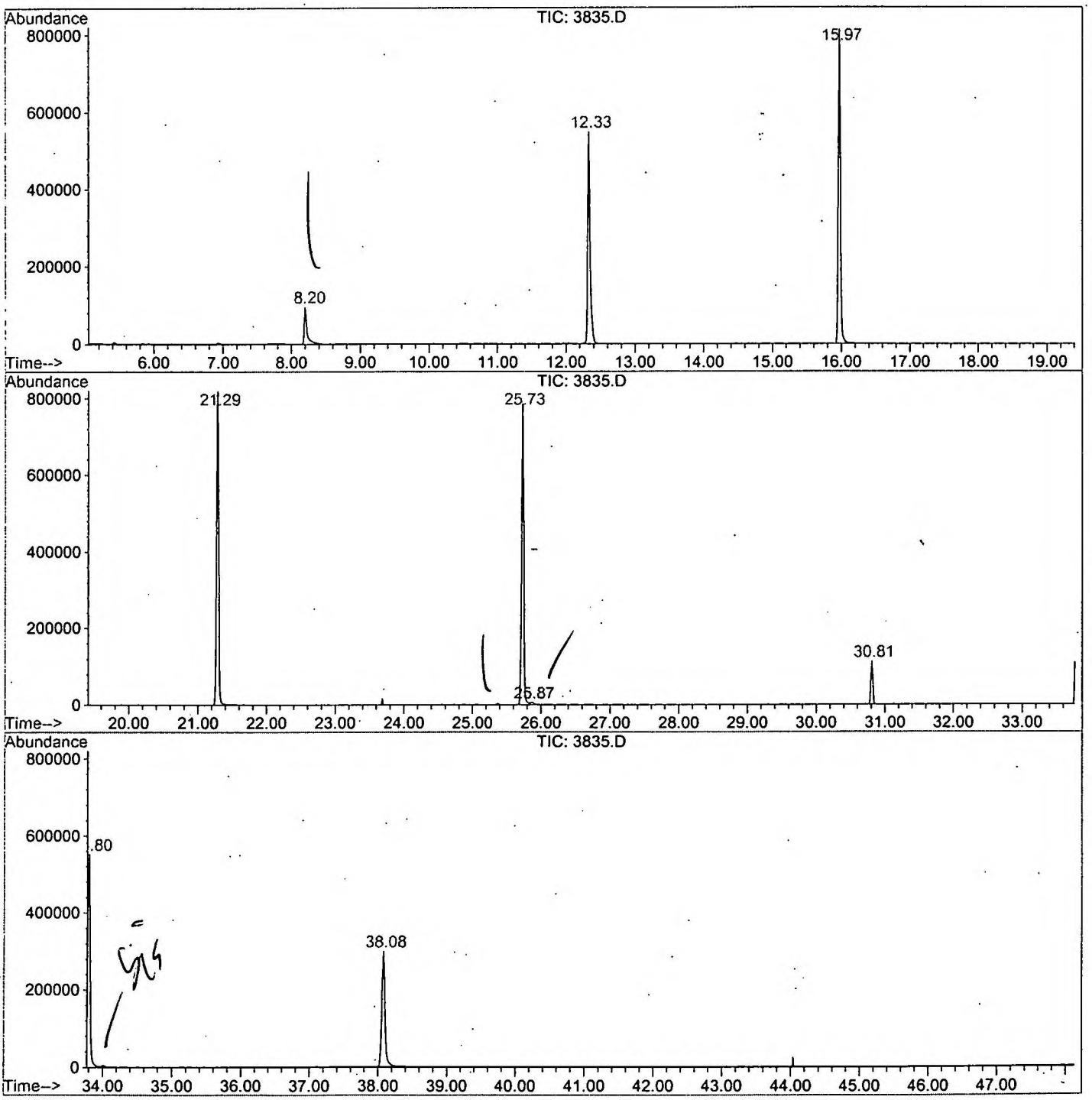
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\3835.D
Operator :
Acquired : 24 Feb 2002 7:50 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/22 fb
Misc Info :
Vial Number: 75
Quant File :GCMS0208.RES (RTE Integrator)



3835.D GCMS0208.M Wed Mar 13 11:34:41 2002

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\3835.D
Acq On : 24 Feb 2002 7:50 pm
Sample : gc/ms scan 2/22 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 75
Operator:
Inst : GC/MS 209
Multiplr: 1.00

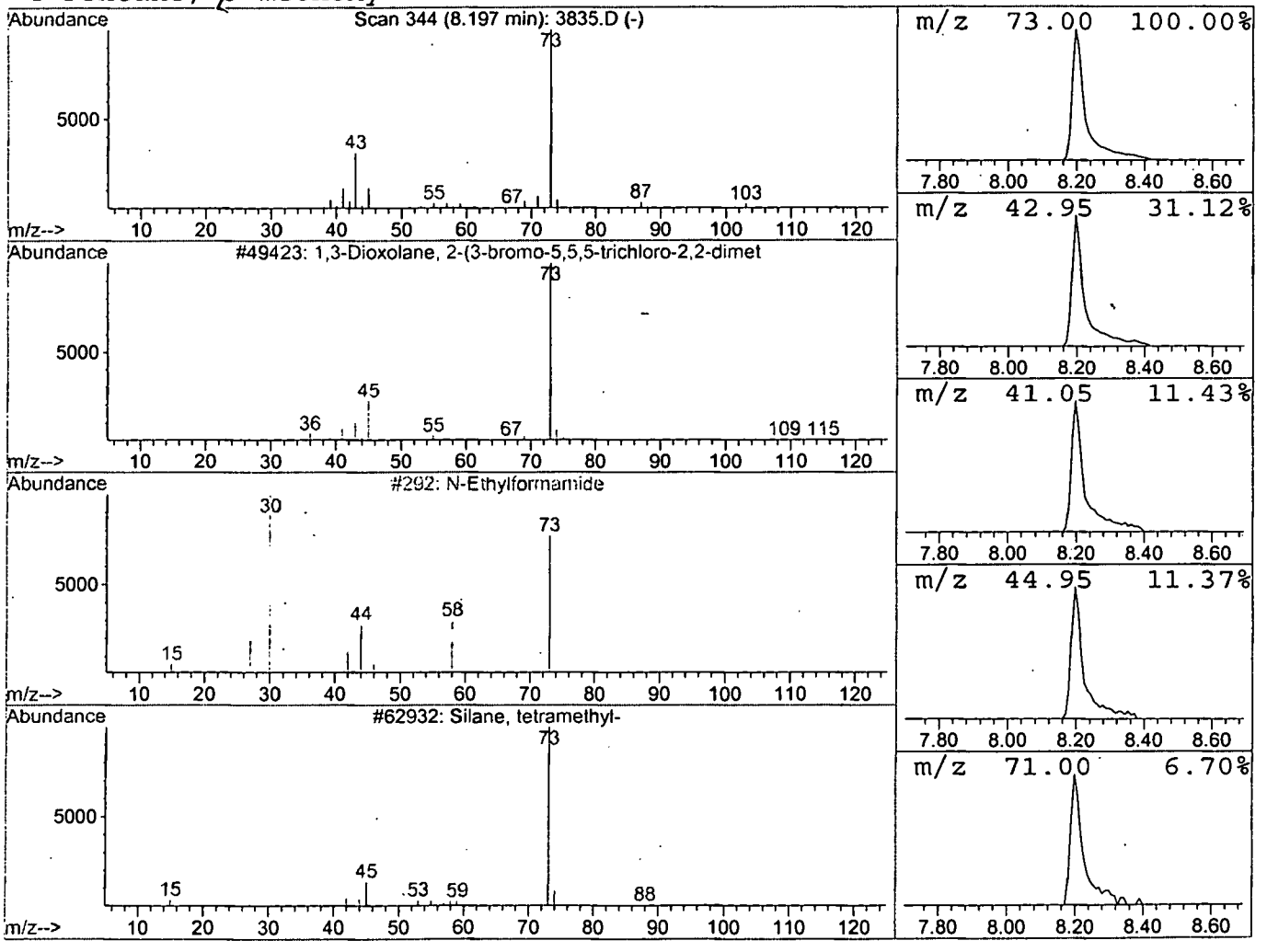
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-(3-bromo-5,5, Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	4.01 ug/l	263027	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	23
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



NYC-WTC_000038289

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\3835.D
Acq On : 24 Feb 2002 7:50 pm
Sample : gc/ms scan 2/22 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 75
Operator:
Inst : GC/MS 209
Multiplr: 1.00

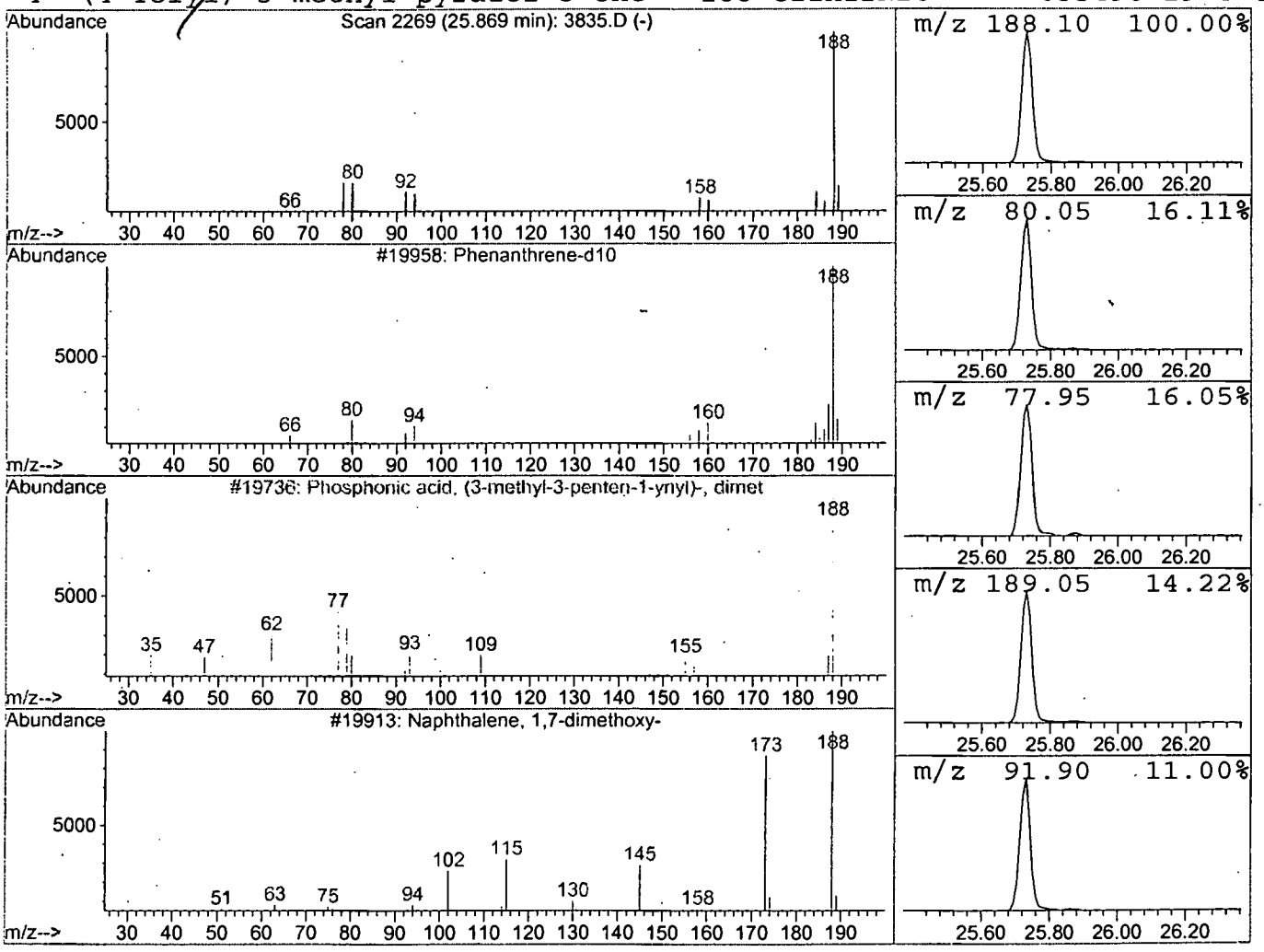
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.87	0.26 ug/l	21849	Phenanthrene-d10	25.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	83
2	Phosphonic acid, (3-methyl-3-penten	188	C8H13O3P	022152-34-7	64
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	45
4	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	45



NYC-WTC_000038290

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Feb 2002 7:50 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\3835.D
Name: gc/ms scan 2/22 fb
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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-(3-	8.20	4.0	ug/l	263027	ISTD01	12.33	1311470	20.0
Phenanthrene-d10	25.87	0.3	ug/l	21849	ISTD04	25.73	1697650	20.0

3835.D GCMS0208.M Wed Mar 13 11:34:54 2002