User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/18/2002 Time: 10:59:31

Sample: AE03914
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/18/02 10:59 Ended: 3/18/02 10:59 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

Comments for Sample AE03914 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-18-2002 Time: 11:00:08

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. This sample will be reextracted and reanalyzed due to the low Surrogate Standard recovery.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\3914.D Vial: 76
Acq On : 24 Feb 2002 8:48 pm Operator:
Sample : gc/ms scan 2/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 11:17 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	12.34	152	236478	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	925145	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	491523	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	702469	20.00	ug/l	-0.04
38) Chrysene-d12	33.80	240	484105	20.00	ug/l	-0.05
44) Perylene-d12	38.08	264	313730	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	40315	~~5.50~~ 3.3	ug/mL	0.31
Spiked Amount 5.000			Recovery =	~~110.00%~~ 66%		
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	22.77	149	200	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\3914.D Vial: 76
Acq On : 24 Feb 2002 8:48 pm Operator:
Sample : gc/ms scan 2/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 11:17 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

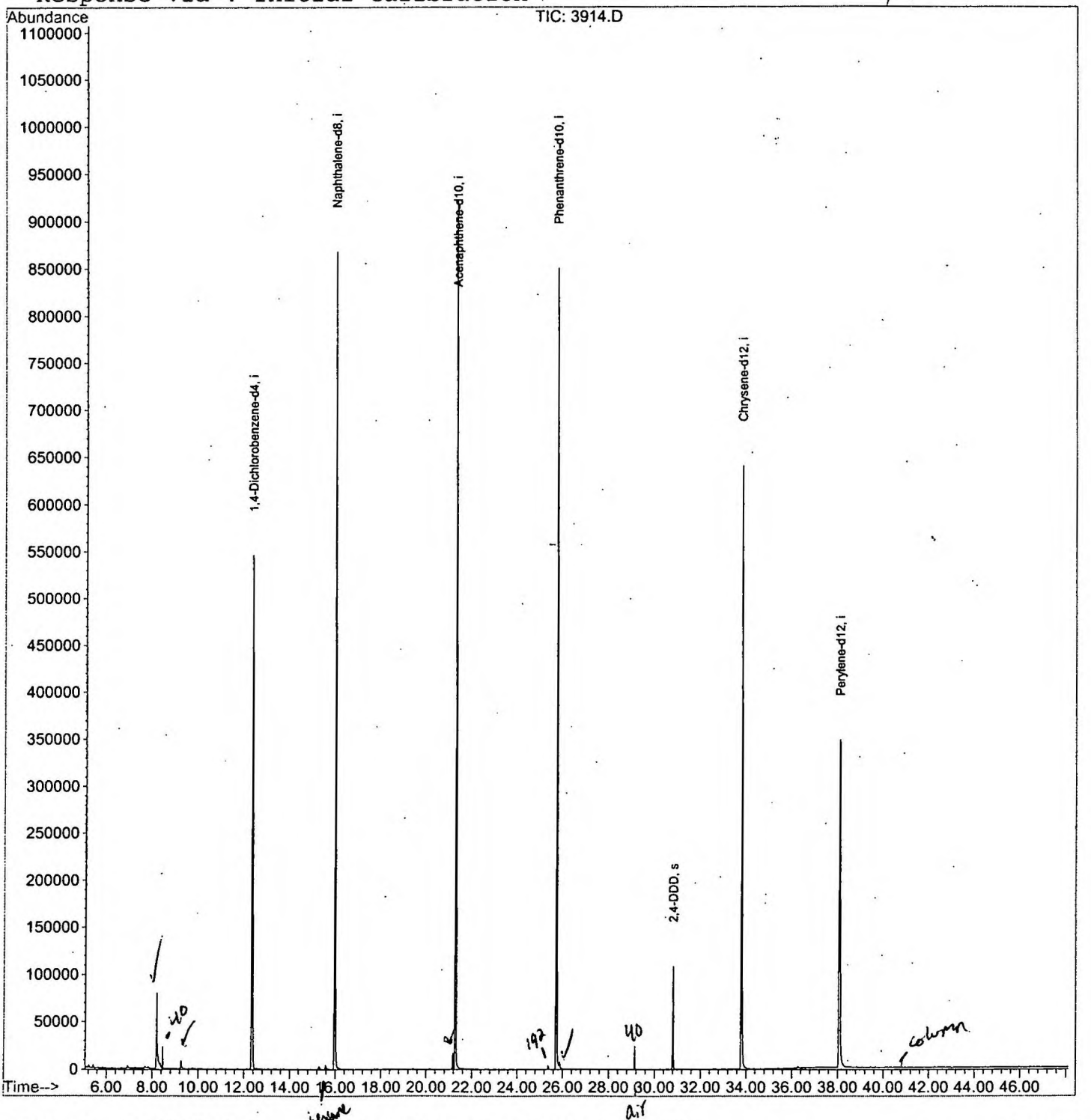
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.70	149	906	N.D.	
36)	Fluoranthene	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	1030	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	731	N.D.	
43)	Chrysene	33.80	228	1029	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	38.08	252	1375	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2102\3914.D Vial: 76
Acq On : 24 Feb 2002 8:48 pm Operator:
Sample : gc/ms scan 2/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 11:17 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\3914.D Vial: 76
Acq On : 24 Feb 2002 8:48 pm Operator:
Sample : gc/ms scan 2/22 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

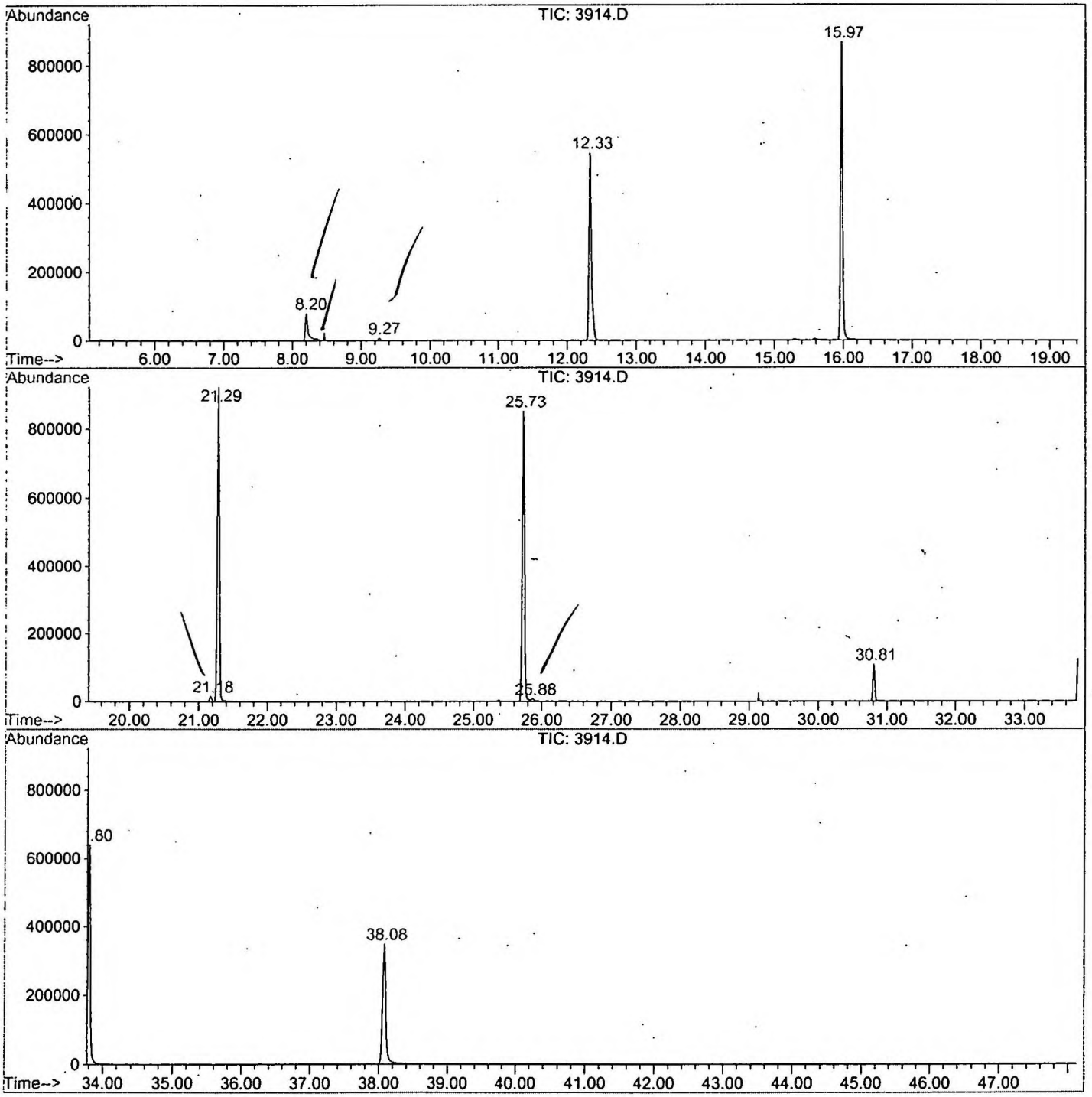
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.204	339	344	357	rBV	79227	210395	10.81%	2.083%
2	9.269	454	460	464	rBV	8833	19541	1.00%	0.193%
3	12.326	788	793	809	rBV	545920	1376481	70.71%	13.626%
4	15.971	1184	1190	1206	rBV	868128	1816485	93.31%	17.982%
5	21.176	1752	1757	1763	rBV	16569	33768	1.73%	0.334%
6	21.286	1763	1769	1792	rVV	922489	1946640	100.00%	19.270%
7	25.729	2247	2253	2265	rBV2	850522	1864004	95.75%	18.452%
8	25.876	2265	2269	2282	rVB3	7362	22680	1.17%	0.225%
9	30.806	2799	2806	2813	rBV	108557	213393	10.96%	2.112%
10	33.799	3125	3132	3152	rBV2	640594	1484104	76.24%	14.691%
11	38.077	3590	3598	3617	rBV2	347182	1114310	57.24%	11.031%

Sum of corrected areas: 10101801

3914.D GCMS0208.M Wed Mar 13 11:35:45 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\3914.D
Operator :
Acquired : 24 Feb 2002 8:48 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/22
Misc Info :
Vial Number: 76
Quant File :GCMS0208.RES (RTE Integrator)



3914.D GCMS0208.M Wed Mar 13 11:35:51 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\3914.D Vial: 76
Acq On : 24 Feb 2002 8:48 pm Operator:
Sample : gc/ms scan 2/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

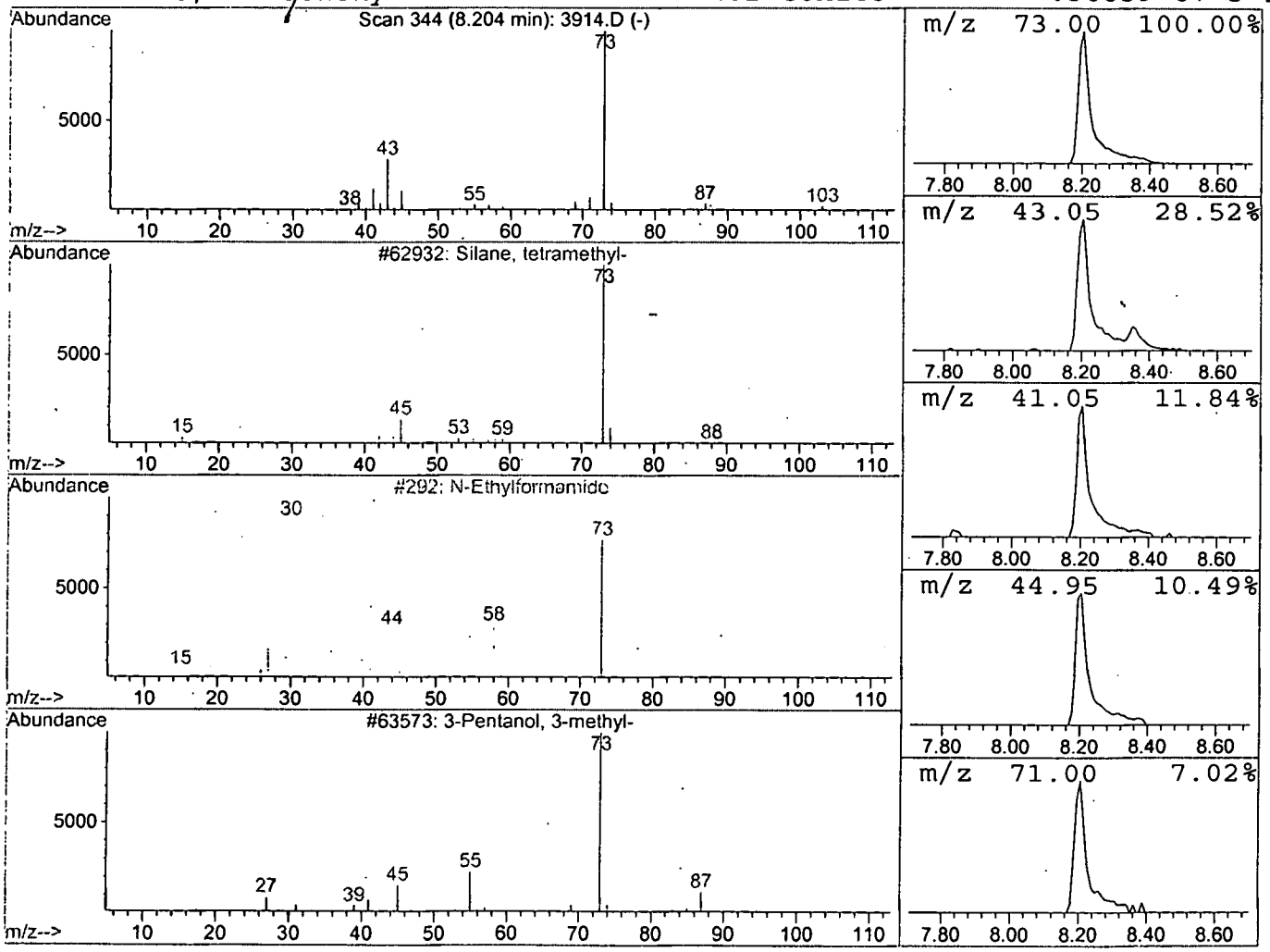
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.06 ug/l	210395	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	28
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Data File : C:\HPCHEM\1\DATA\FEB2102\3914.D Vial: 76
Acq On : 24 Feb 2002 8:48 pm Operator:
Sample : gc/ms scan 2/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

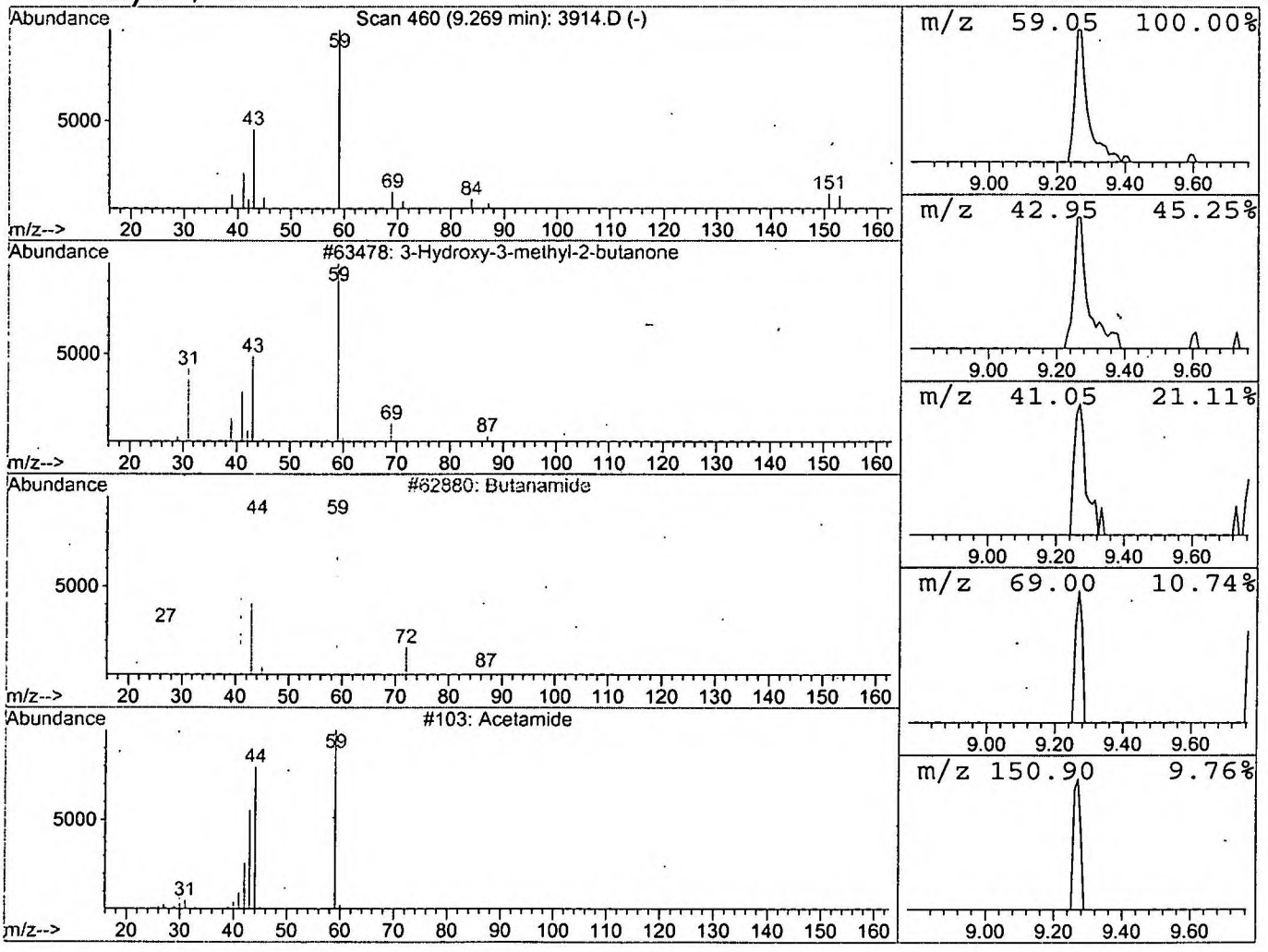
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-Hydroxy-3-methyl-2-butanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	0.28 ug/l	19541	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	45
2	Butanamide	87	C4H9NO	000541-35-5	38
3	Acetamide	59	C2H5NO	000060-35-5	4
4	Butanal, oxime	87	C4H9NO	000110-69-0	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\3914.D
Acq On : 24 Feb 2002 8:48 pm
Sample : gc/ms scan 2/22
Misc :
MS Integration Params: LSCINT.P

Vial: 76
Operator:
Inst : GC/MS 209
Multiplr: 1.00

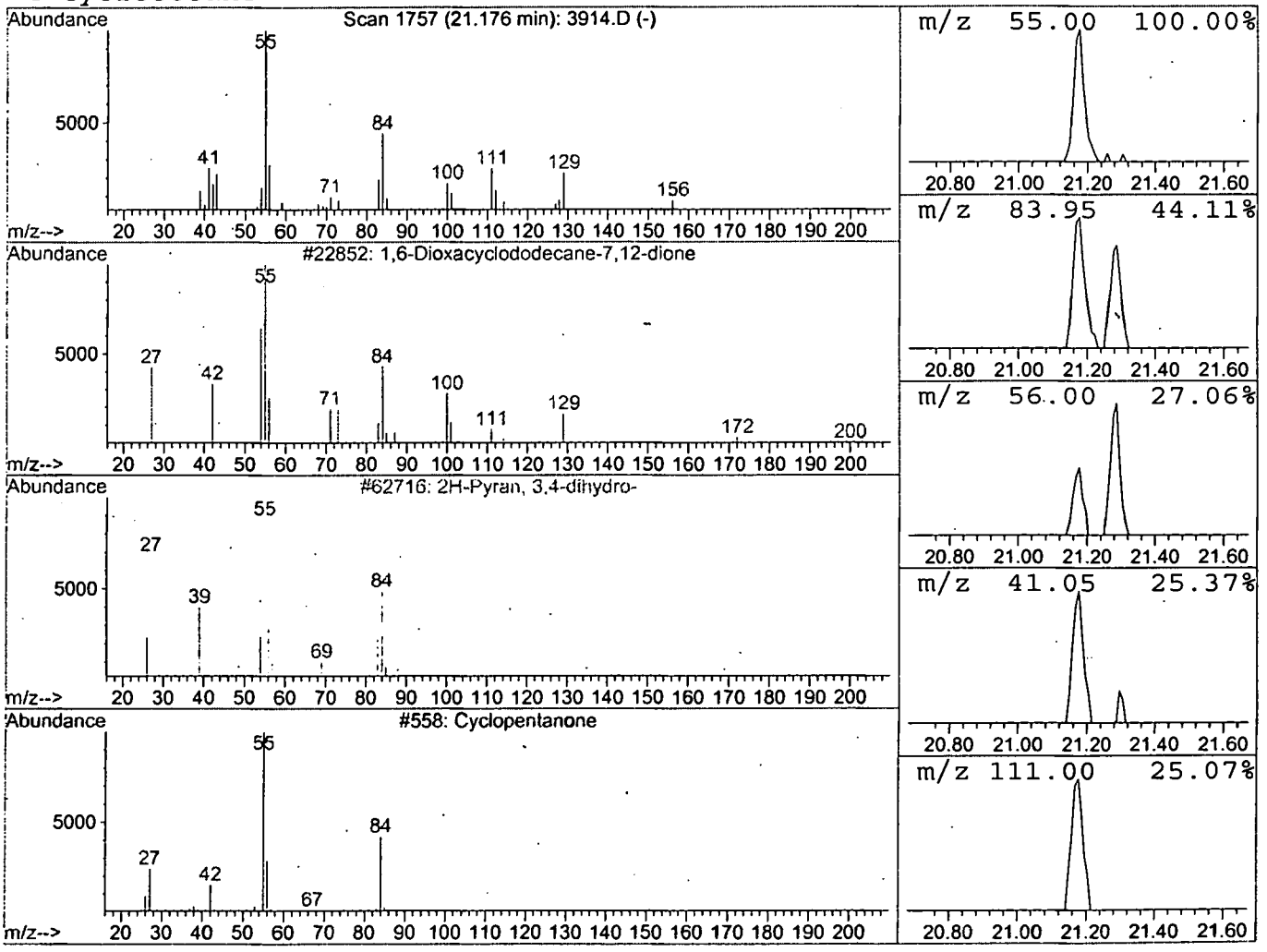
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,6-Dioxacyclododecane-7,12-di Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	0.35 ug/l	33768	Acenaphthene-d10	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Dioxacyclododecane-7,12-dione	200	C10H16O4	000777-95-7	33
2	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	32
3	Cyclopentanone	84	C5H8O	000120-92-3	27
4	Cyclooctane	112	C8H16	000292-64-8	22



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\3914.D Vial: 76
Acq On : 24 Feb 2002 8:48 pm Operator:
Sample : gc/ms scan 2/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

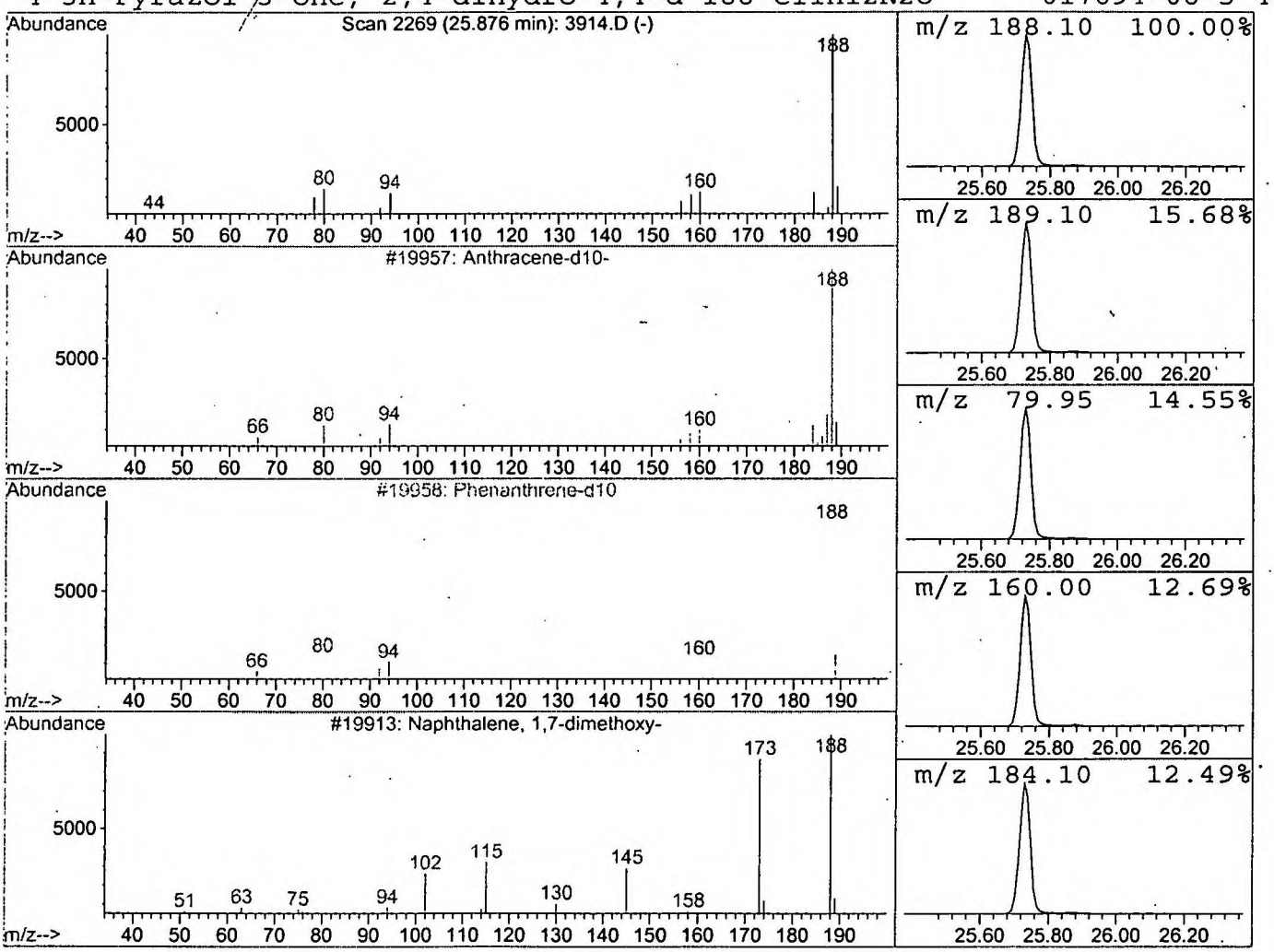
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.88	0.24 ug/l	22680	Phenanthrene-d10	25.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	91
2	Phenanthrene-d10	188	C14D10	001517-22-2	91
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	45
4	3H-Pyrazol-3-one, 2,4-dihydro-4,4-d	188	C11H12N2O	017694-06-3	40



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Feb 2002 8:48 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\3914.D
Name: gc/ms scan 2/22
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
Silane, tetramethyl-	8.20	3.1	ug/l	210395	ISTD01	12.34	1376480	20.0
3-Hydroxy-3-methyl-2	9.27	0.3	ug/l	19541	ISTD01	12.34	1376480	20.0
1,6-Dioxacyclododeca	21.18	0.3	ug/l	33768	ISTD03	21.29	1946640	20.0
Anthracene-d10-	25.88	0.2	ug/l	22680	ISTD04	25.73	1864000	20.0

3914.D GCMS0208.M Wed Mar 13 11:36:12 2002