User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/12/2002 Time: 11:52:10

Sample: AE03385
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/12/02 11:51 Ended: 3/12/02 11:51 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		5.0

Comments for Sample AE03385 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-12-2002 Time: 11:53:44

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries of 5 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

Data File : C:\HPCHEM\1\DATA\FEB2102\3385.D Vial: 47
Acq On : 23 Feb 2002 2:25 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 9:18 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	246828	20.00	ug/l	-0.02
10) Naphthalene-d8	15.98	136	941058	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.29	164	497780	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.73	188	712778	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	470744	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	313535	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	49344	~~6.63~~ 4.06	ug/mL	0.31
Spiked Amount 5.000			Recovery =	~~132.60%~~ 81%		
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	16.03	128	505	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	509	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\3385.D Vial: 47
Acq On : 23 Feb 2002 2:25 pm Operator:
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Misc : Multiplr: 1.00
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Quant Time: Mar 8 9:18 2002 Quant Results File: GCMS0208.RES

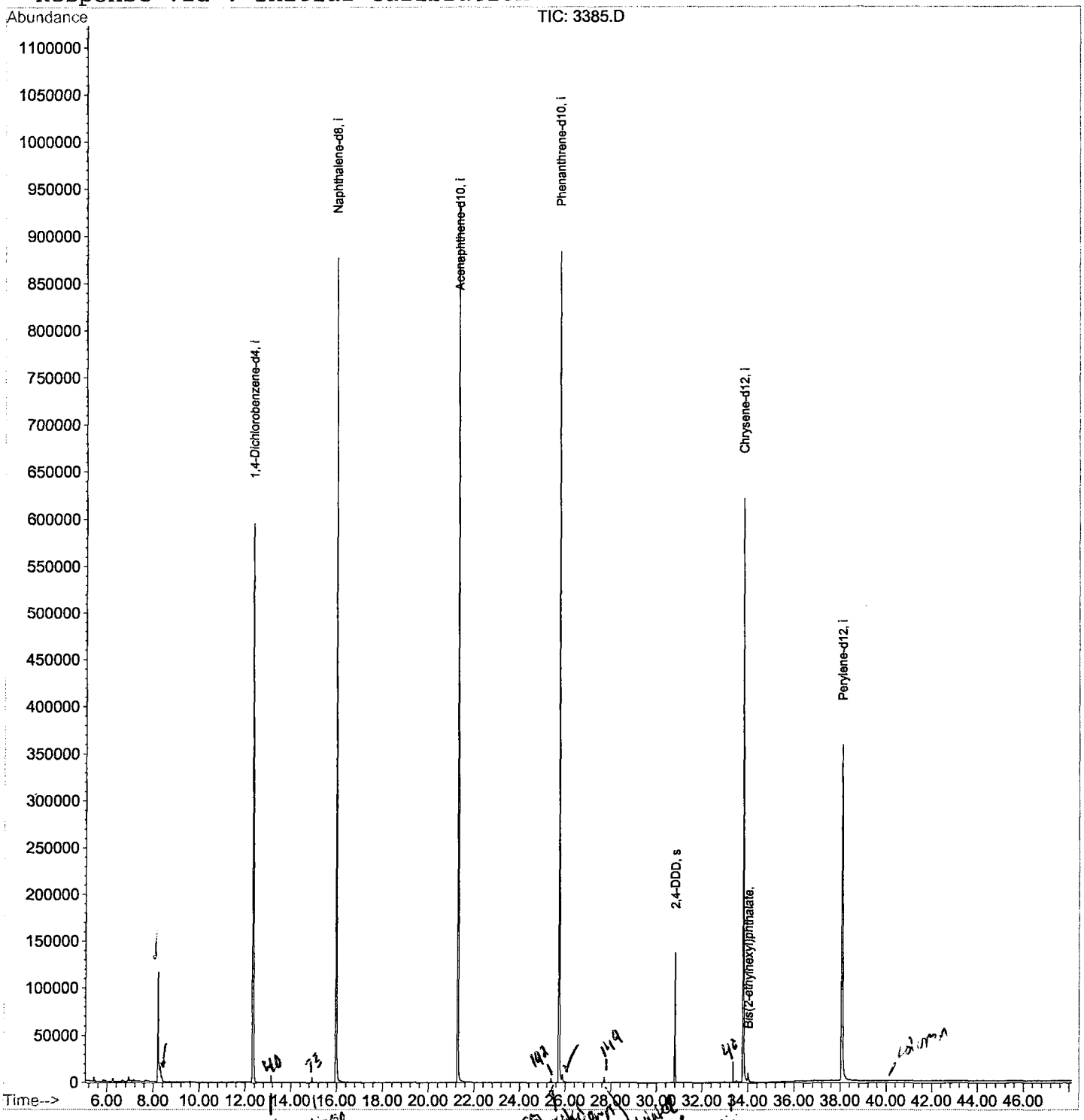
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	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	25.80	178	404	N.D.	
34)	Anthracene	25.80	178	404	N.D.	
35)	Di-n-butylphthalate	27.70	149	8503	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	2149	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	8296	0.27 ug/l	94
43)	Chrysene	33.89	228	1034	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.88	252	842	N.D.	
47)	Benzo(k)fluoranthene	36.95	252	714	N.D.	
48)	Benzo(a)pyrene	38.09	252	1397	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

Data File : C:\HPCHEM\1\DATA\FEB2102\3385.D Vial: 47
Acq On : 23 Feb 2002 2:25 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 9:18 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\3385.D Vial: 47
Acq On : 23 Feb 2002 2:25 pm Operator:
Sample : gc/ms scan 1/14 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

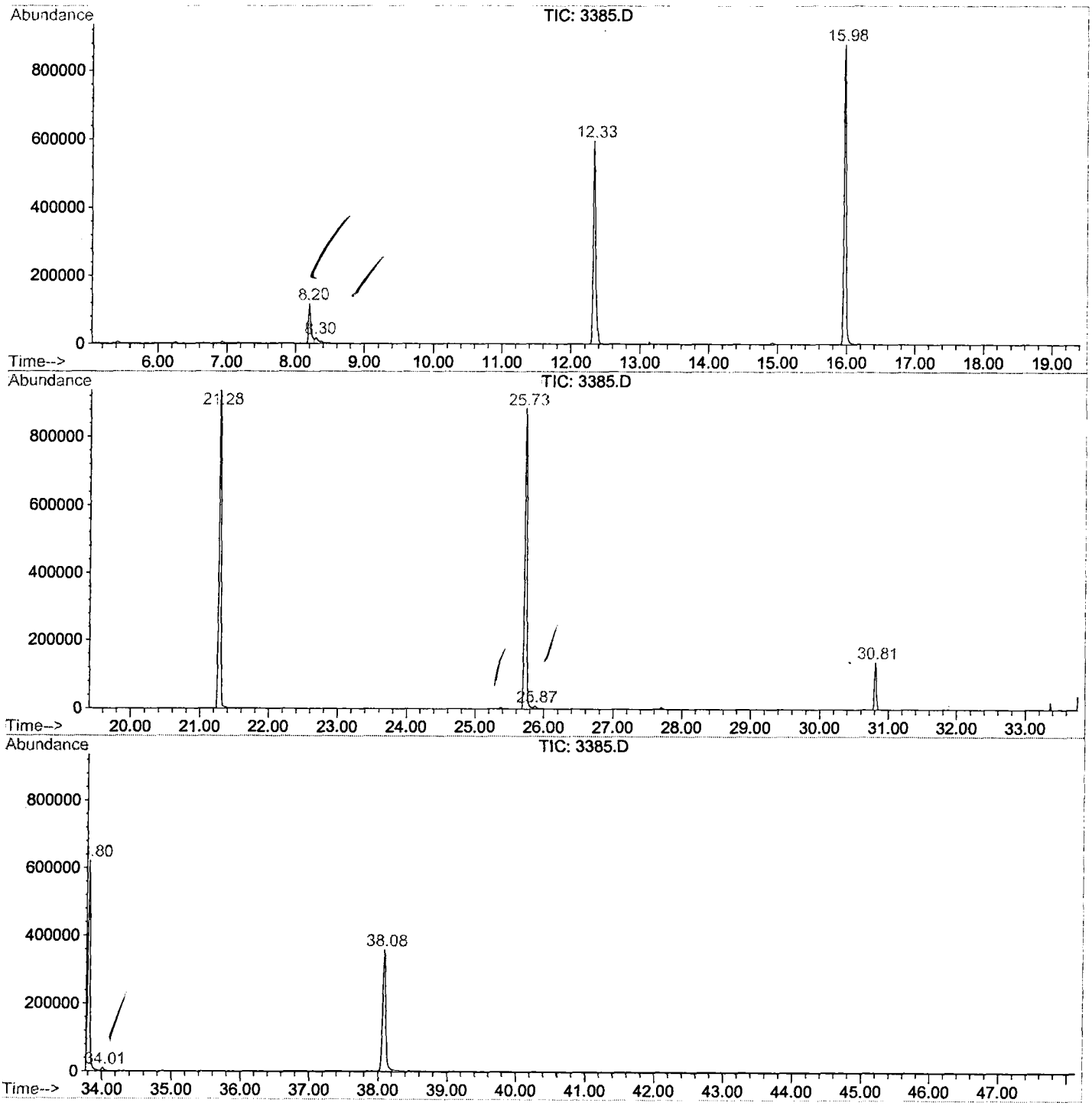
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.199	340	344	352	rBV	115628	272287	13.57%	2.616%
2	8.300	352	355	370	rVB	15855	61048	3.04%	0.587%
3	12.331	789	794	816	rVB	595240	1434594	71.49%	13.783%
4	15.975	1185	1191	1208	rBV	876695	1850199	92.20%	17.776%
5	21.281	1763	1769	1782	rBV	935400	2006643	100.00%	19.279%
6	25.734	2248	2254	2265	rBV2	883741	1914737	95.42%	18.396%
7	25.872	2265	2269	2276	rVB	7329	20115	1.00%	0.193%
8	30.811	2802	2807	2814	rBV	137519	265436	13.23%	2.550%
9	33.803	3126	3133	3147	rBV2	621176	1443216	71.92%	13.866%
.0	34.014	3152	3156	3163	rVB	8904	23619	1.18%	0.227%
1	38.081	3590	3599	3613	rBV2	357439	1116315	55.63%	10.725%

Sum of corrected areas: 10408209

3385.D GCMS0208.M Fri Mar 08 09:42:31 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\3385.D
Operator :
Acquired : 23 Feb 2002 2:25 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/14
Misc Info :
Vial Number: 47
Quant File :GCMS0208.RES (RTE Integrator)



3385.D GCMS0208.M Fri Mar 08 09:42:38 2002

Data File : C:\HPCHEM\1\DATA\FEB2102\3385.D Vial: 47
Acq On : 23 Feb 2002 2:25 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

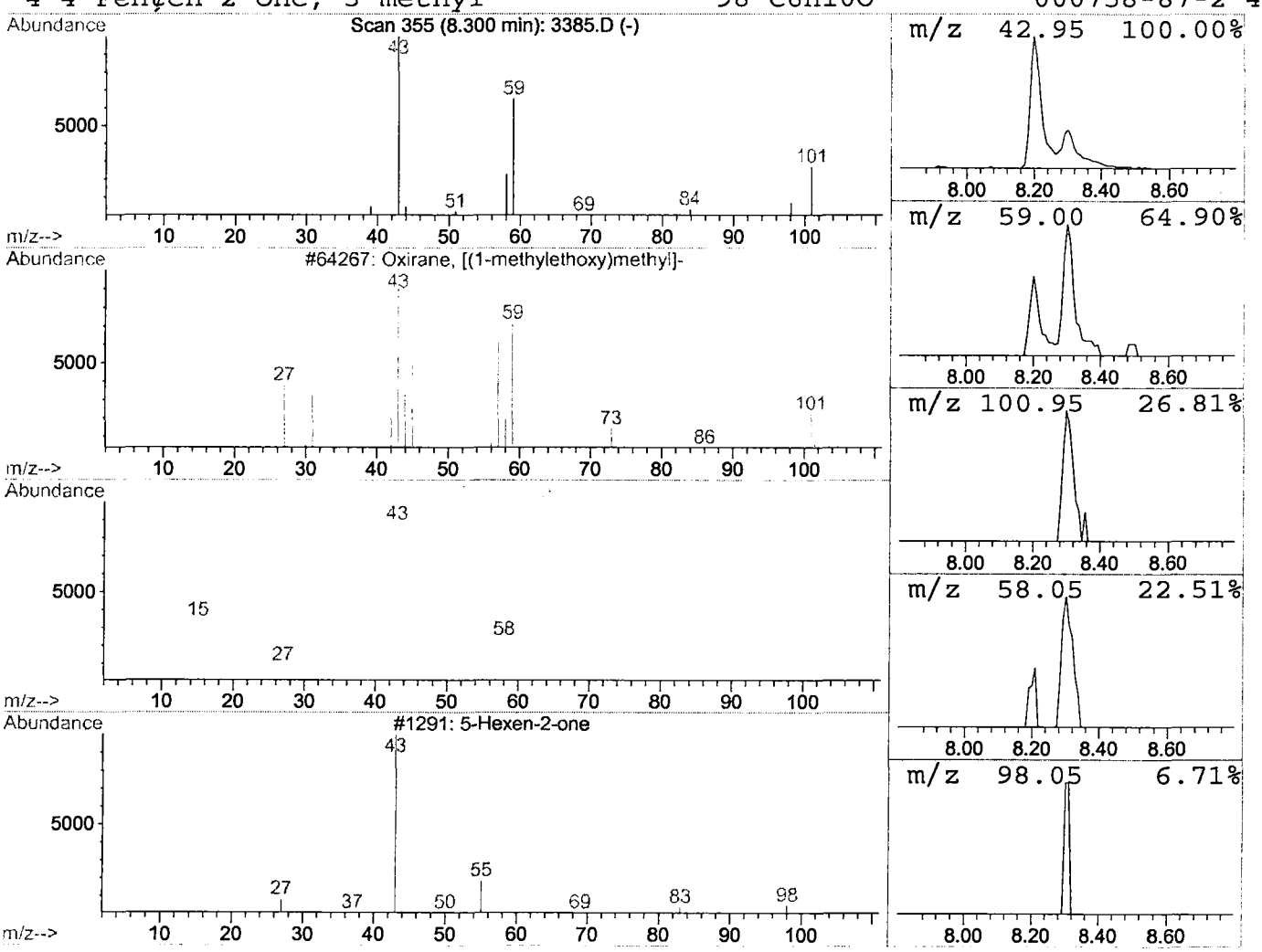
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Oxirane, [(1-methylethoxy)meth Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	0.85 ug/l	61048	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	9
2	Acetone	58	C3H6O	000067-64-1	7
3	5-Hexen-2-one	98	C6H10O	000109-49-9	5
4	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	4



Data File : C:\HPCHEM\1\DATA\FEB2102\3385.D Vial: 47
Acq On : 23 Feb 2002 2:25 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

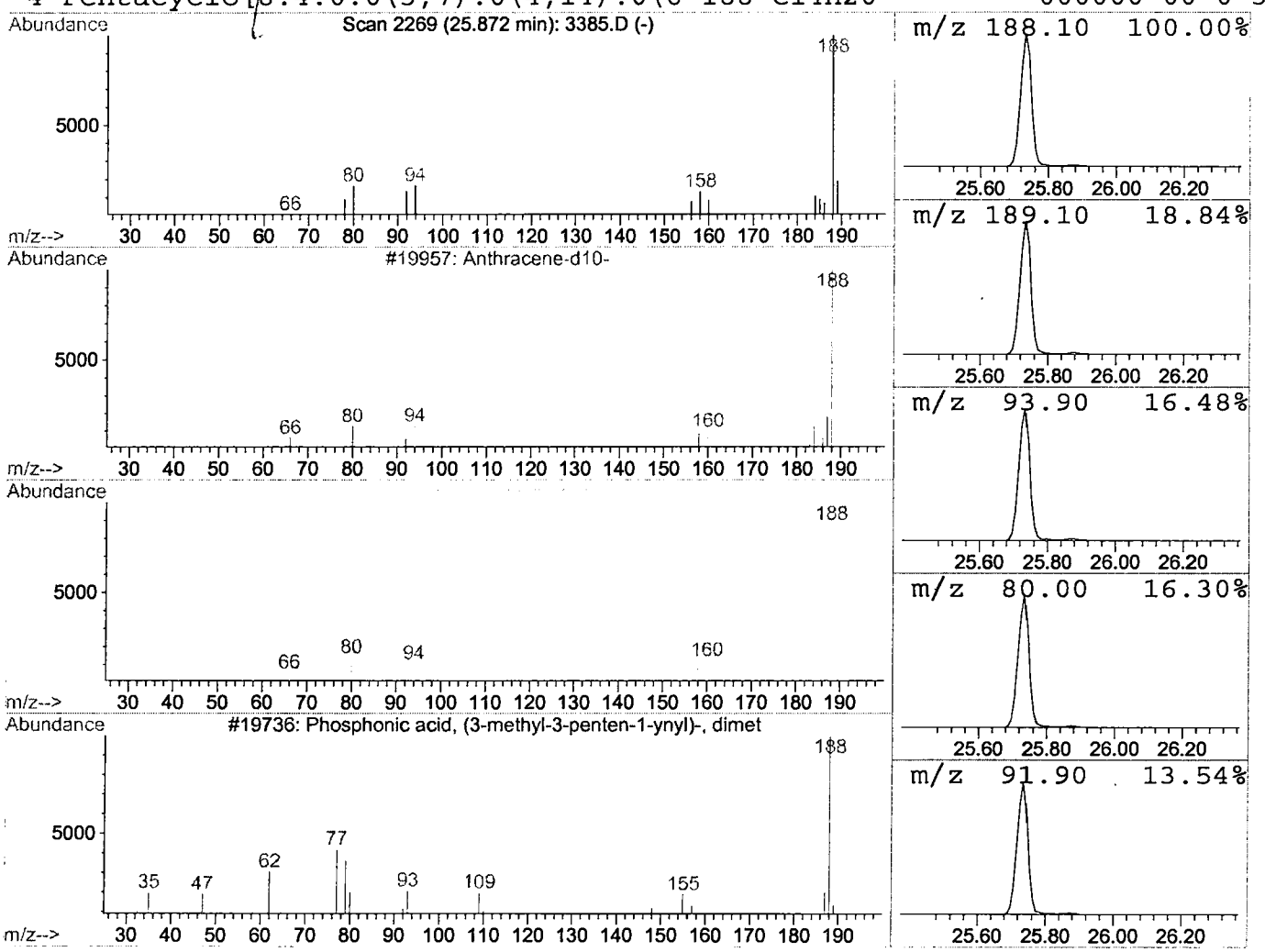
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.87	0.21 ug/l	20115	Phenanthrene-d10	25.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	83
2	Phenanthrene-d10	188	C14D10	001517-22-2	64
3	Phosphonic acid, (3-methyl-3-penten	188	C8H13O3P	022152-34-7	59
4	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	33



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Feb 2002 2:25 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\3385.D
Name: gc/ms scan 1/14
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	3.8	ug/l	272287	ISTD01	12.33	1434590	20.0
Oxirane, [(1-methyle	8.30	0.9	ug/l	61048	ISTD01	12.33	1434590	20.0
Anthracene-d10-	25.87	0.2	ug/l	20115	ISTD04	25.73	1914740	20.0

3385.D GCMS0208.M Fri Mar 08 09:42:56 2002