User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/12/2002 Time: 12:09:52

Sample: AE03436
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/12/02 12:09 Ended: 3/12/02 12:09 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		87		5.0

Comments for Sample AE03436 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-12-2002 Time: 12:09:55

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\3436.D Vial: 56
Acq On : 23 Feb 2002 11:16 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 9:39 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	245123	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	946653	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.28	164	500398	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	699124	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	460157	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	300476	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	52558	~~7.20~~ 4.3	ug/mL	0.31
Spiked Amount 5.000			Recovery =	~~144.00%~~ 87%		
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	0.00	149	0	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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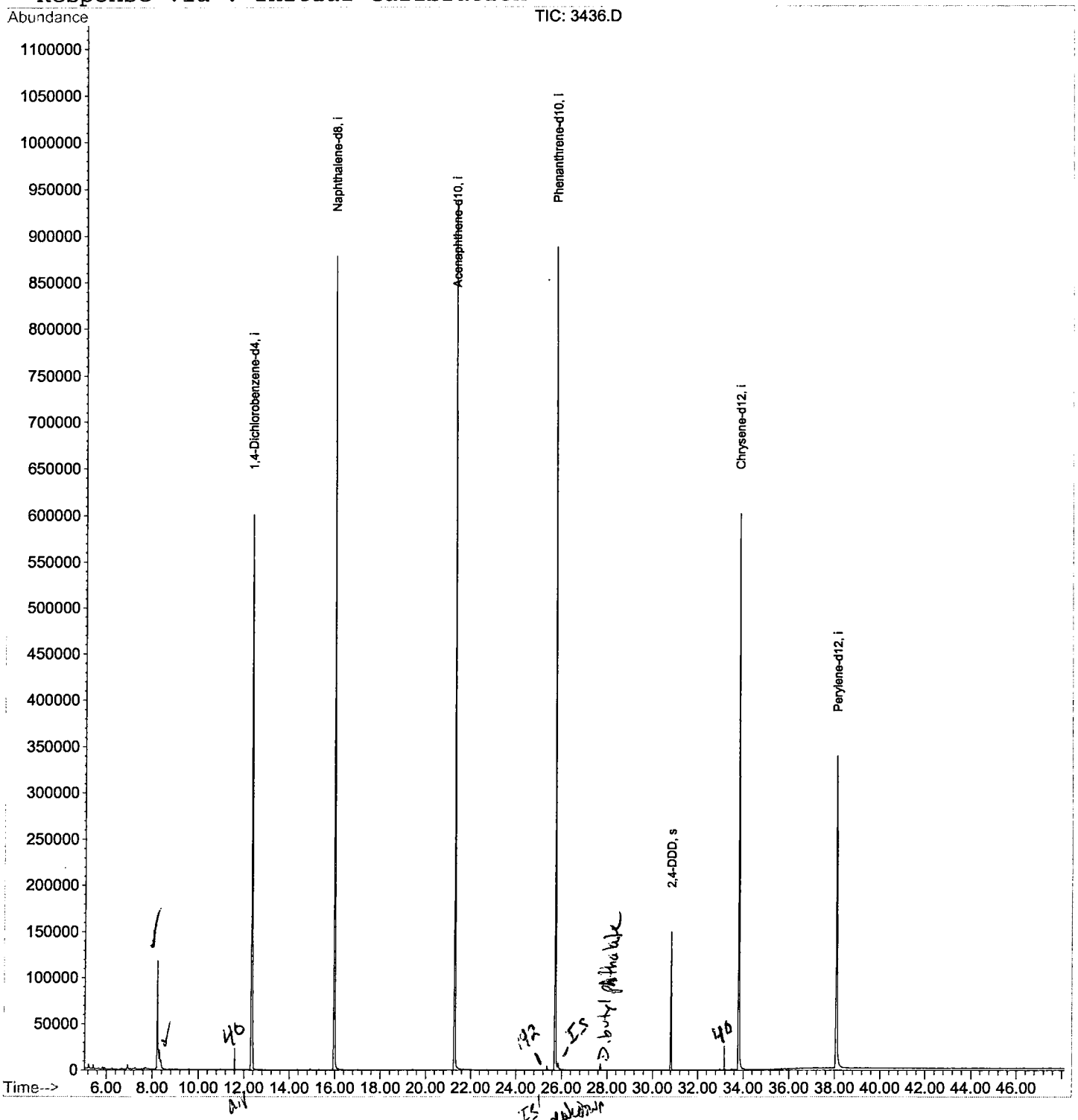
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	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	9273	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	1018	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.00	149	544	N.D.	
43)	Chrysene	33.80	228	1018	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	1145	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\3436.D Vial: 56
Acq On : 23 Feb 2002 11:16 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 9:39 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



Data File : C:\HPCHEM\1\DATA\FEB2102\3436.D Vial: 56
Acq On : 23 Feb 2002 11:16 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

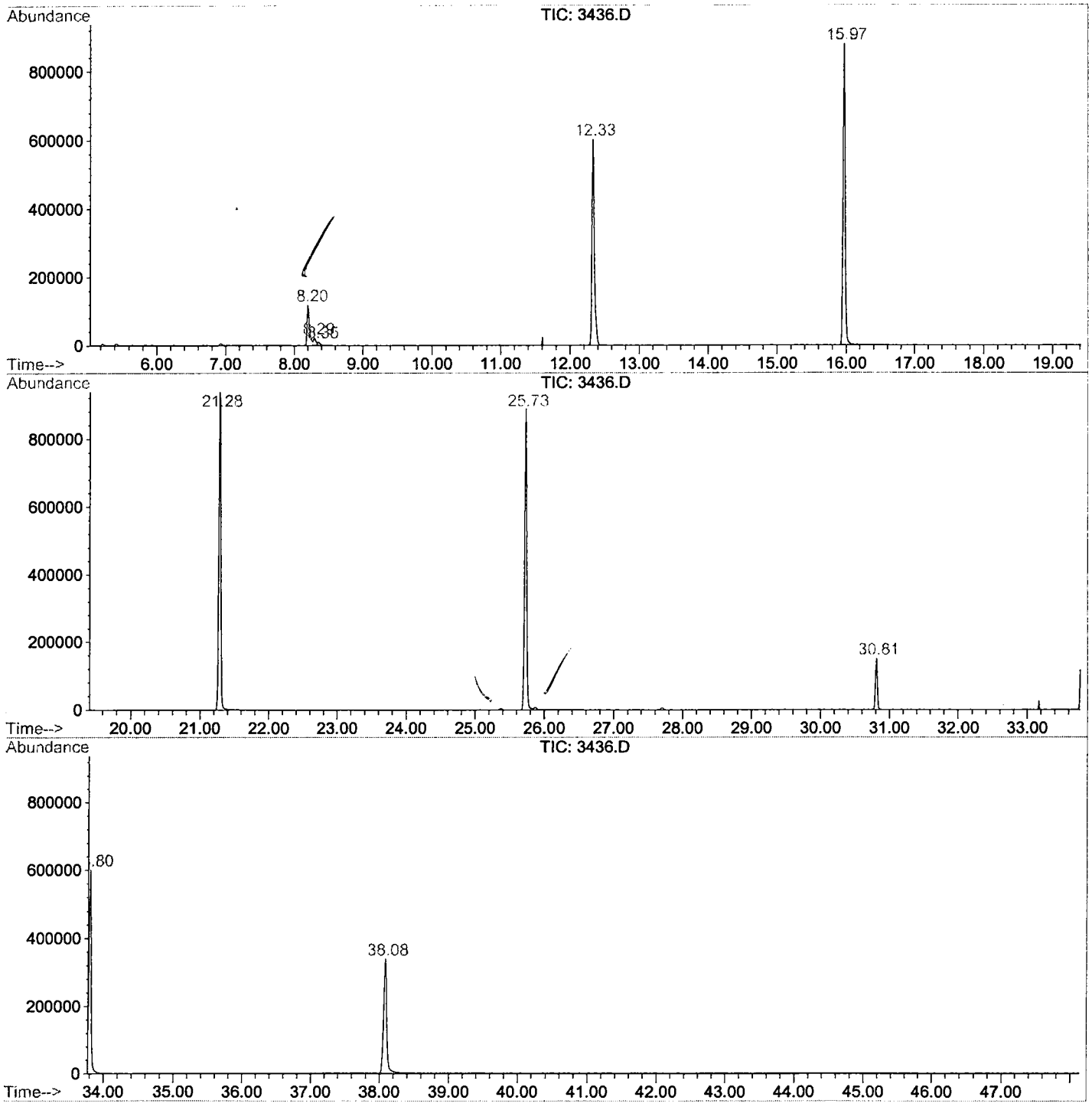
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.198	340	344	352	rBV	117634	277337	13.81%	2.704%
2	8.290	352	354	359	rVV	20767	55512	2.76%	0.541%
3	8.354	359	361	372	rVB	9410	23778	1.18%	0.232%
4	12.329	789	794	810	rVB	600883	1416339	70.53%	13.808%
5	15.974	1185	1191	1206	rBV	878027	1859532	92.60%	18.128%
6	21.280	1763	1769	1783	rBV	937531	2008153	100.00%	19.577%
7	25.733	2247	2254	2266	rBV2	887670	1860756	92.66%	18.140%
8	30.809	2802	2807	2816	rVB	149662	280084	13.95%	2.730%
9	33.802	3126	3133	3152	rBV2	600800	1407520	70.09%	13.722%
10	38.080	3591	3599	3623	rBV2	337407	1068628	53.21%	10.418%

Sum of corrected areas: 10257639

3436.D GCMS0208.M Fri Mar 08 09:49:26 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\3436.D
Operator :
Acquired : 23 Feb 2002 11:16 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/14
Misc Info :
Vial Number: 56
Quant File :GCMS0208.RES (RTE Integrator)



3436.D GCMS0208.M Fri Mar 08 09:49:32 2002

Data File : C:\HPCHEM\1\DATA\FEB2102\3436.D Vial: 56
Acq On : 23 Feb 2002 11:16 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

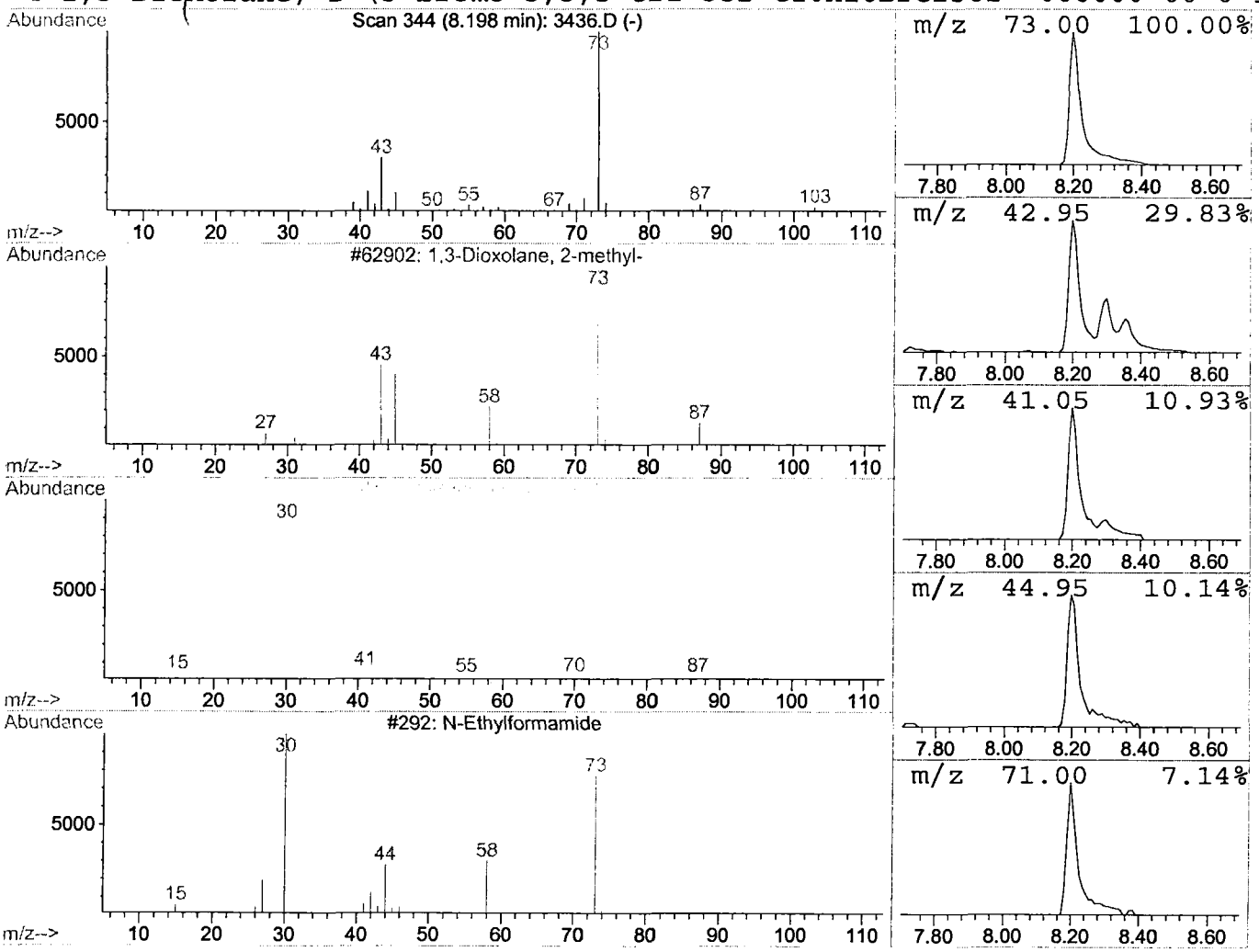
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.92 ug/l	277337	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Data File : C:\HPCHEM\1\DATA\FEB2102\3436.D Vial: 56
Acq On : 23 Feb 2002 11:16 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

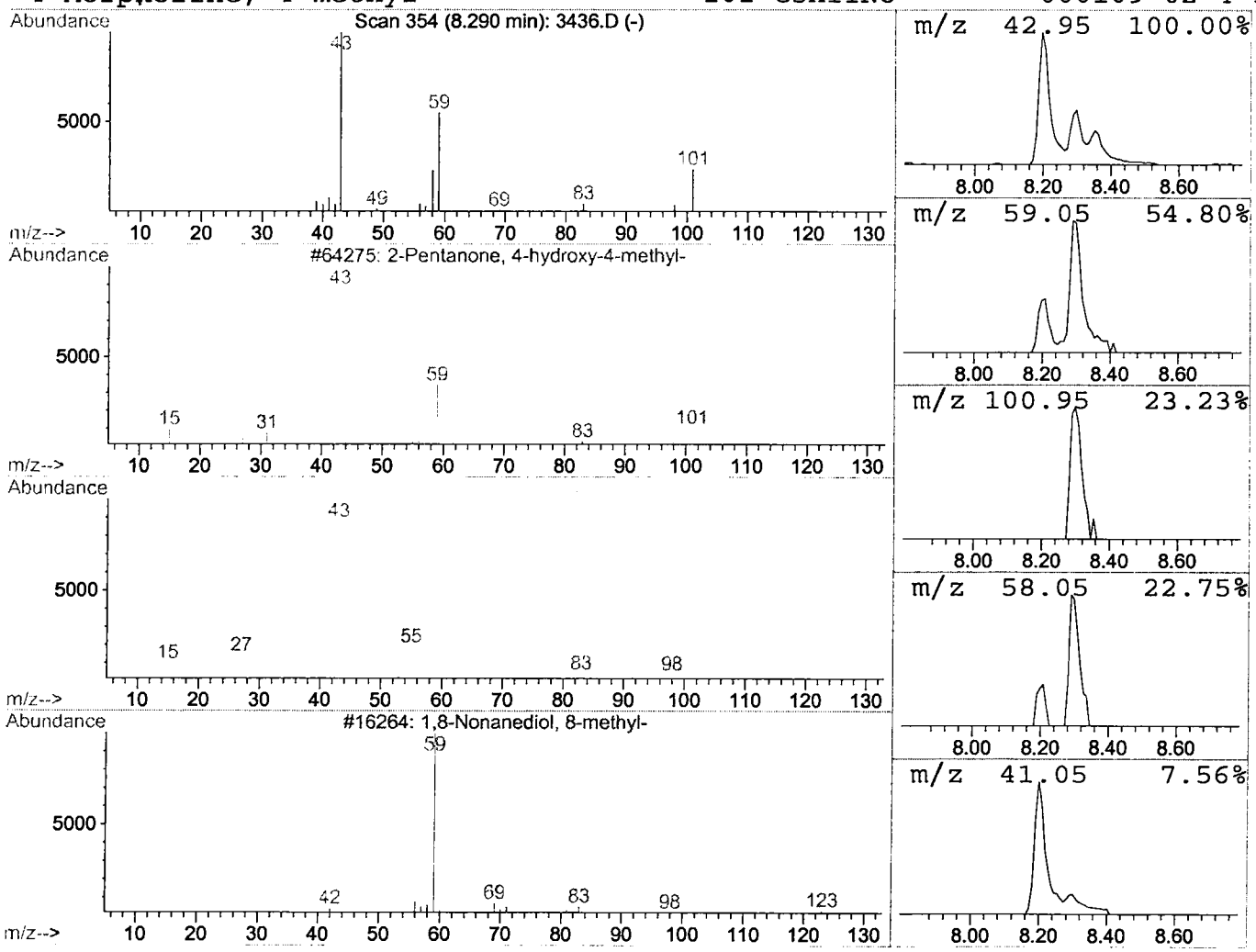
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	0.78 ug/l	55512	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5



Data File : C:\HPCHEM\1\DATA\FEB2102\3436.D Vial: 56
Acq On : 23 Feb 2002 11:16 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

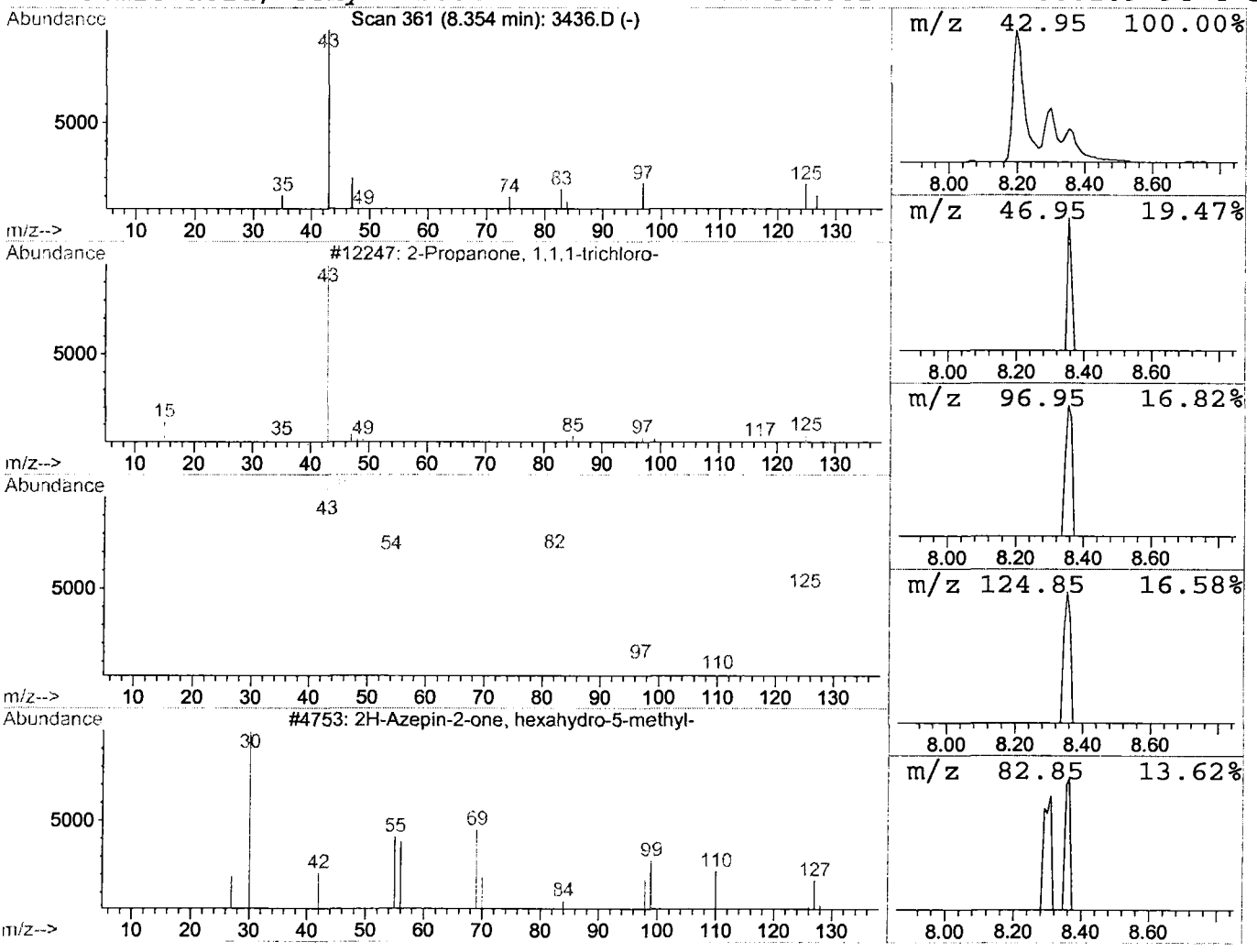
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanone, 1,1,1-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	0.34 ug/l	23778	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	9
2	2-Acetyl-1,4,5,6-tetrahydropyridine	125	C7H11NO	000000-00-0	4
3	2H-Azepin-2-one, hexahydro-5-methyl	127	C7H13NO	002210-07-3	3
4	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	3



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Feb 2002 11:16 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\3436.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
1,3-Dioxolane, 2-met	8.20	3.9	ug/l	277337	ISTD01	12.33	1416340	20.0
2-Pentanone, 4-hydro	8.29	0.8	ug/l	55512	ISTD01	12.33	1416340	20.0
2-Propanone, 1,1,1-t	8.35	0.3	ug/l	23778	ISTD01	12.33	1416340	20.0

3436.D GCMS0208.M Fri Mar 08 09:49:51 2002