User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 15:32:13

Sample: AE09448
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/15/02 15:31 Ended: 5/15/02 15:31 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		10.0

Comments for Sample AE09448 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-15-2002 Time: 15:32:35

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0802\9448.D Vial: 9
Acq On : 8 May 2002 6:23 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 14:37 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

re-analysis

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	473280	40.00	ug/l	0.00
10) Naphthalene-d8	15.83	136	1714704	40.00	ug/l	0.00
17) Acenaphthene-d10	21.13	164	933700	40.00	ug/l	0.00
30) Phenanthrene-d10	25.57	188	1279919	40.00	ug/l	0.00
38) Chrysene-d12	33.63	240	694898	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	404496	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	40084	8.63	ug/L	0.00
Spiked Amount 10.000			Recovery = 86.30%			
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	15.87	128	203	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	22.62	149	841	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.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.58	178	363	N.D.		

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

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Last Update : Thu May 09 14:27:53 2002
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DataAcq Meth : GCMS0507

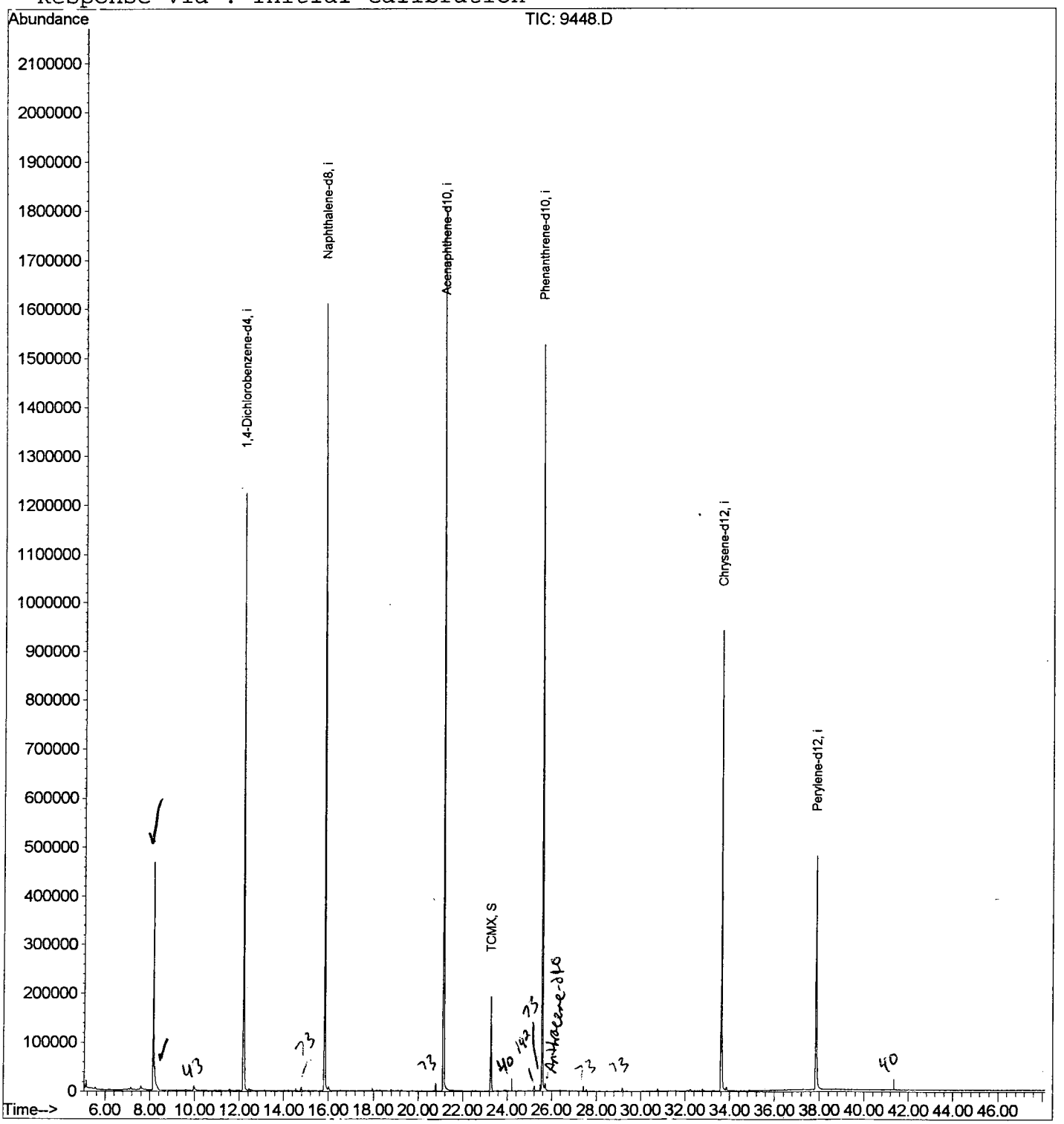
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.58	178	363	N.D.	
36)	Di-n-butylphthalate	27.55	149	5066	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.63	228	1620	N.D.	
42)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	d
43)	Chrysene	33.63	228	1620	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	37.86	252	1556	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\MAY0802\9448.D Vial: 9
Acq On : 8 May 2002 6:23 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 14:37 2002 Quant Results File: GCMS0507.RES

Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9448.D Vial: 9
Acq On : 8 May 2002 6:23 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0507.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

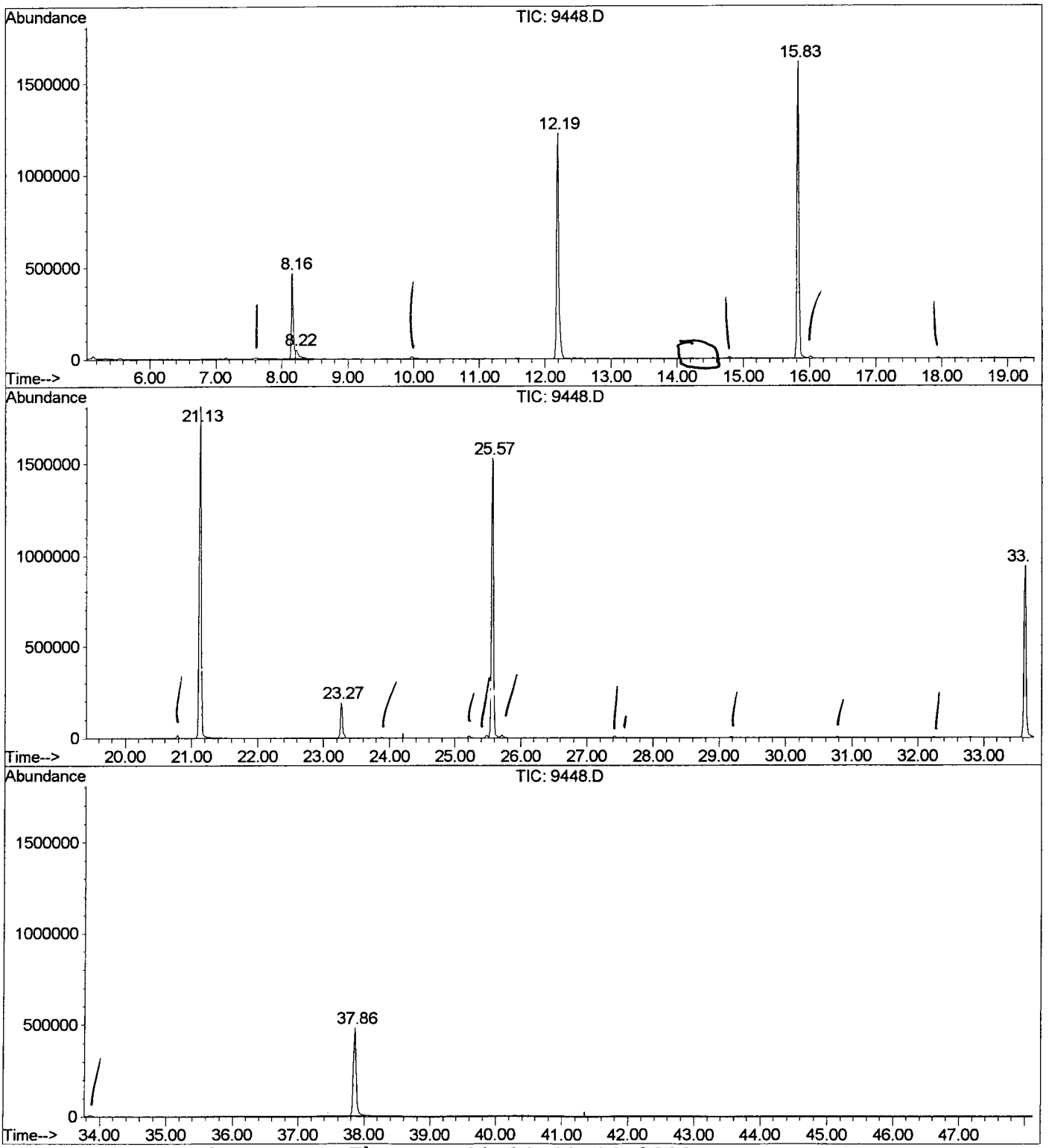
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.158	336	340	345	rBV	466283	953448	25.41%	5.228%
2	8.222	345	347	371	rVB	48438	173048	4.61%	0.949%
3	12.190	774	780	797	rBV	1223023	2689917	71.70%	14.751%
4	15.828	1170	1177	1193	rBV	1609910	3374527	89.94%	18.505%
5	21.134	1749	1756	1773	rBV	1808549	3751822	100.00%	20.574%
6	23.269	1983	1989	1998	rBV2	192202	412812	11.00%	2.264%
7	25.569	2234	2240	2252	rVV2	1525720	3395076	90.49%	18.618%
8	33.633	3113	3120	3135	rBV2	940774	2073420	55.26%	11.370%
9	37.857	3573	3581	3599	rBV2	477283	1411823	37.63%	7.742%

Sum of corrected areas: 18235893

9448.D GCMS0507.M Thu May 09 14:43:04 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0802\9448.D
Operator :
Acquired : 8 May 2002 6:23 pm using AcqMethod GCMS0507
Instrument : 209
Sample Name: RE-EXT.
Misc Info :
Vial Number: 9
Quant File :GCMS0507.RES (RTE Integrator)



9448.D GCMS0507.M Thu May 09 14:43:04 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9448.D
Acq On : 8 May 2002 6:23 pm
Sample : RE-EXT.
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator:
Inst : 209
Multiplr: 1.00

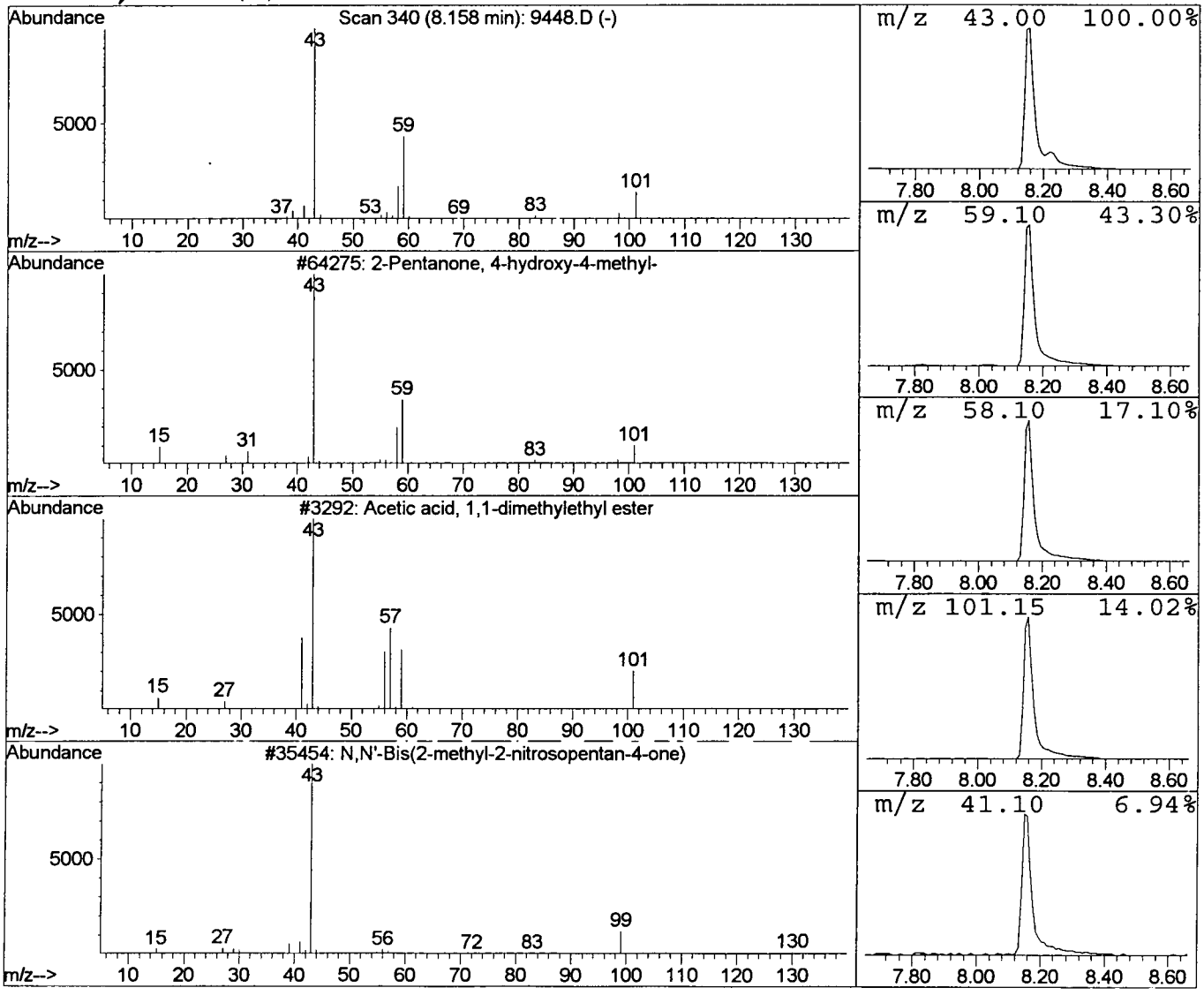
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	14.18 ug/l	953448	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9
3	N,N'-Bis(2-methyl-2-nitrosopentan-4	258	C12H22N2O4	094514-30-4	9
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9448.D
Acq On : 8 May 2002 6:23 pm
Sample : RE-EXT.
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator:
Inst : 209
Multiplr: 1.00

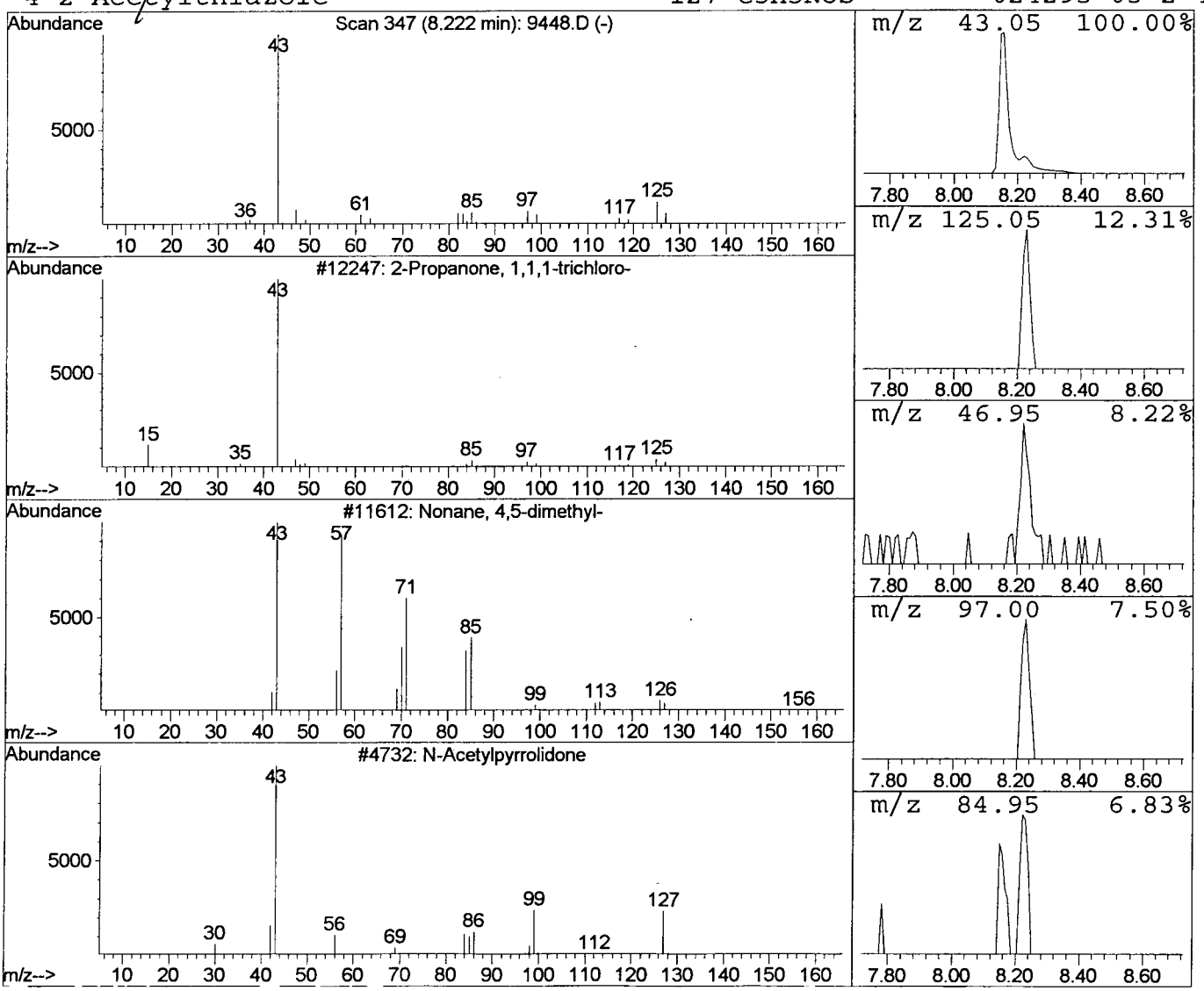
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	2.57 ug/l	173048	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	38
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	9
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	5
4	2-Acetylthiazole	127	C5H5NOS	024295-03-2	4



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 May 2002 6:23 pm
Data File: C:\HPCHEM\1\DATA\MAY0802\9448.D
Name: RE-EXT.
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0507.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
2-Pentanone, 4-hydro	8.16	14.2	ug/l	953448	ISTD01	12.19	2689920	40.0
2-Propanone, 1,1,1-t	8.22	2.6	ug/l	173048	ISTD01	12.19	2689920	40.0

9448.D GCMS0507.M Thu May 09 14:43:07 2002