User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 11:47:22

Sample: AE10434
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/20/02 11:37 Ended: 5/20/02 11:37 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		10.0

Comments for Sample AE10434 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-20-2002 Time: 11:47:54

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\MAY1002\10434.D Vial: 31
Acq On : 11 May 2002 7:21 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 10:51 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	427174	40.00	ug/l	-0.03
10) Naphthalene-d8	15.80	136	1545792	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.10	164	839437	40.00	ug/l	-0.03
30) Phenanthrene-d10	25.55	188	1121519	40.00	ug/l	-0.03
38) Chrysene-d12	33.61	240	597098	40.00	ug/l	-0.03
44) Perylene-d12	37.84	264	363114	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.24	209	33064	7.92	ug/L	-0.03
Spiked Amount 10.000			Recovery = 79.20%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	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-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	13.41	77	189	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	15.85	128	188	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	22.59	149	644	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.55	178	275	N.D.		

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

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Last Update : Thu May 16 09:35:44 2002
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DataAcq Meth : GCMS0507

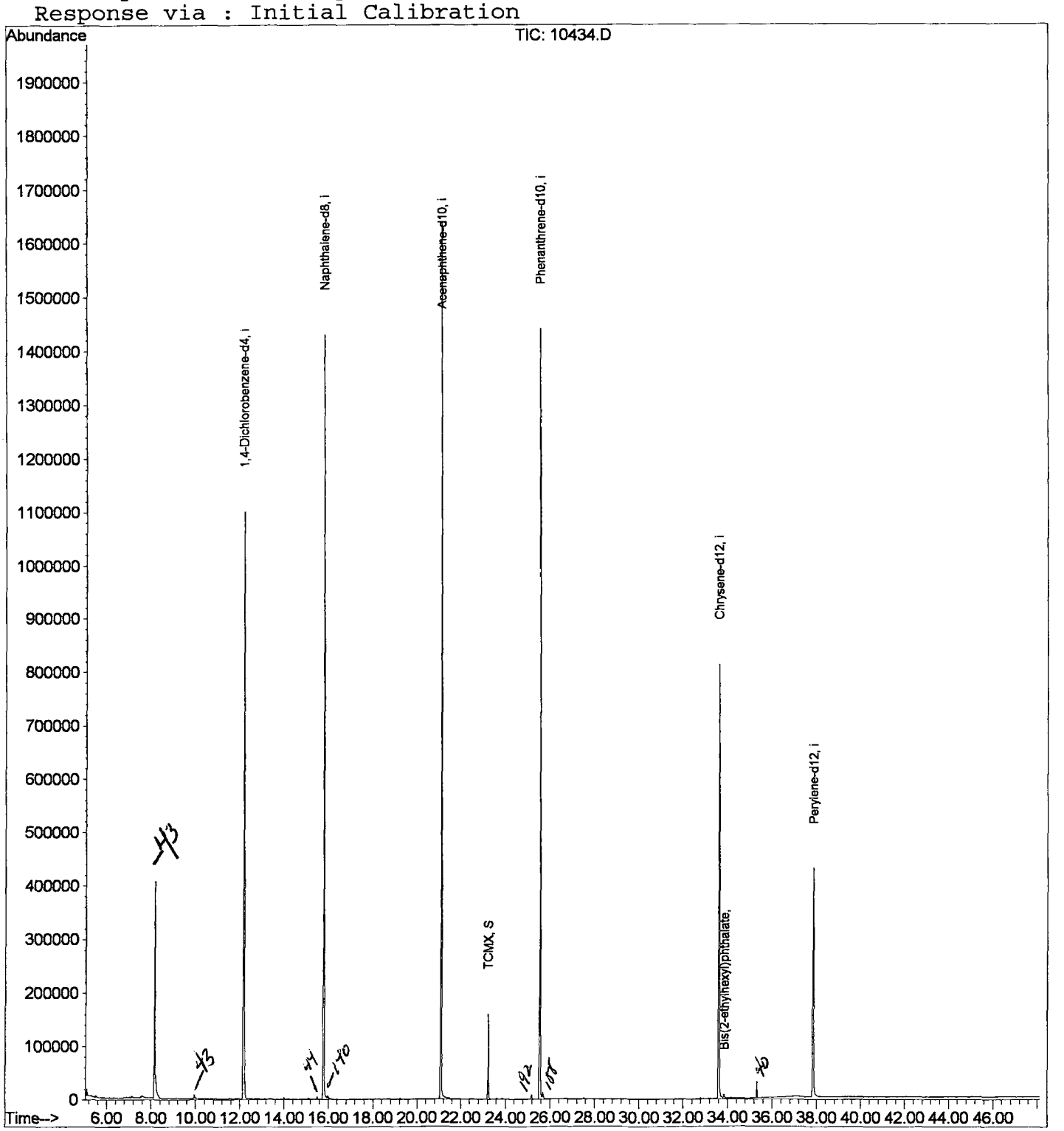
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.55	178	275	N.D.	
36)	Di-n-butylphthalate	27.53	149	2310	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.61	228	2017	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.85	149	4203	0.31 ug/l #	96
43)	Chrysene	33.68	228	942	N.D.	
45)	Di-n-Octylphthalate	35.58	149	469	N.D.	
46)	Benzo(b)fluoranthene	36.67	252	1849	N.D.	
47)	Benzo(k)fluoranthene	36.74	252	1291	N.D.	
48)	Benzo(a)pyrene	37.66	252	757	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\MAY1002\10434.D Vial: 31
Acq On : 11 May 2002 7:21 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 10:51 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10434.D Vial: 31
Acq On : 11 May 2002 7:21 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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

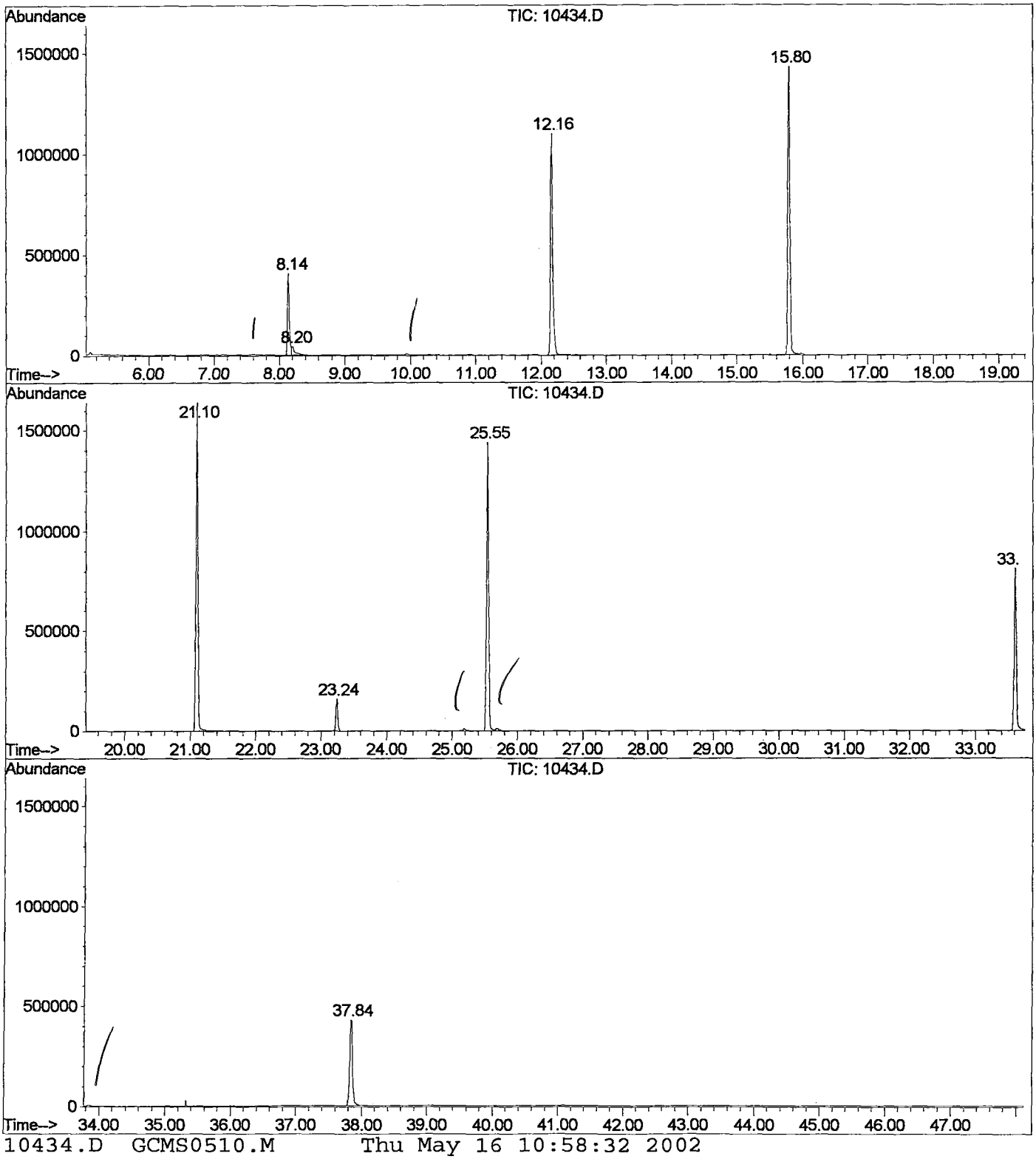
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.138	334	338	343	rBV	405261	759669	22.49%	4.706%
2	8.202	343	345	368	rVB	42701	155165	4.59%	0.961%
3	12.160	771	777	792	rBV	1098647	2432429	72.02%	15.067%
4	15.798	1167	1174	1191	rBV	1429236	3049362	90.29%	18.889%
5	21.104	1746	1753	1772	rBV	1640484	3377393	100.00%	20.921%
6	23.239	1979	1986	1992	rBV	159569	313999	9.30%	1.945%
7	25.548	2231	2238	2248	rBV2	1440048	3004630	88.96%	18.612%
8	33.612	3112	3118	3136	rBV2	811249	1785945	52.88%	11.063%
9	37.837	3571	3579	3593	rBV2	426087	1265031	37.46%	7.836%

Sum of corrected areas: 16143623

10434.D GCMS0510.M Thu May 16 10:58:32 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\10434.D
Operator :
Acquired : 11 May 2002 7:21 pm using AcqMethod GCMS0507
Instrument : 209
Sample Name: gc/ms scan 5/2
Misc Info :
Vial Number: 31
Quant File :GCMS0510.RES (RTE Integrator)



10434.D GCMS0510.M Thu May 16 10:58:32 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10434.D Vial: 31
Acq On : 11 May 2002 7:21 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

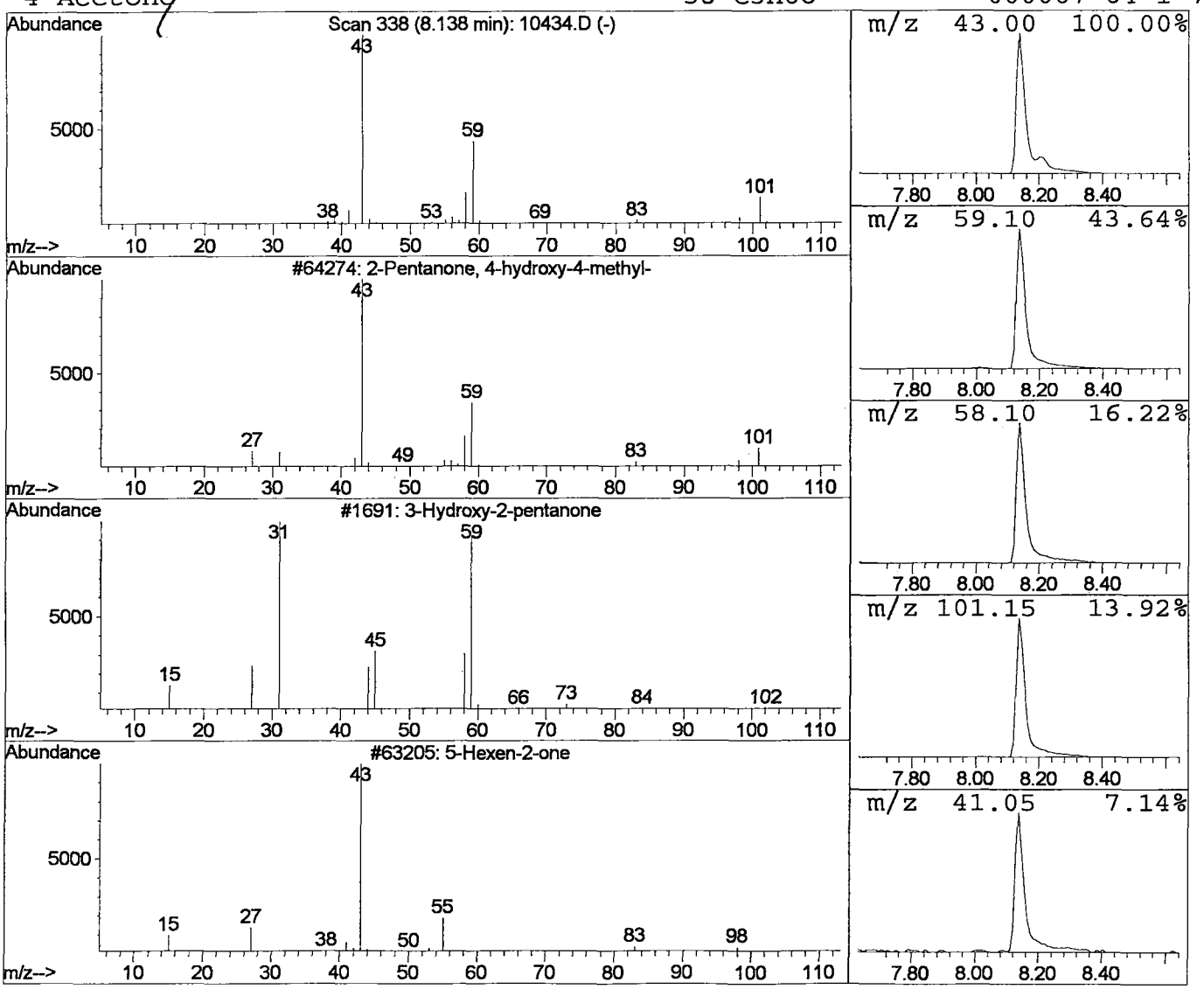
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	12.49 ug/l	759669	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	7
4	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10434.D
Acq On : 11 May 2002 7:21 pm
Sample : gc/ms scan 5/2
Misc :
MS Integration Params: LSCINT.P

Vial: 31
Operator:
Inst : 209
Multiplr: 1.00

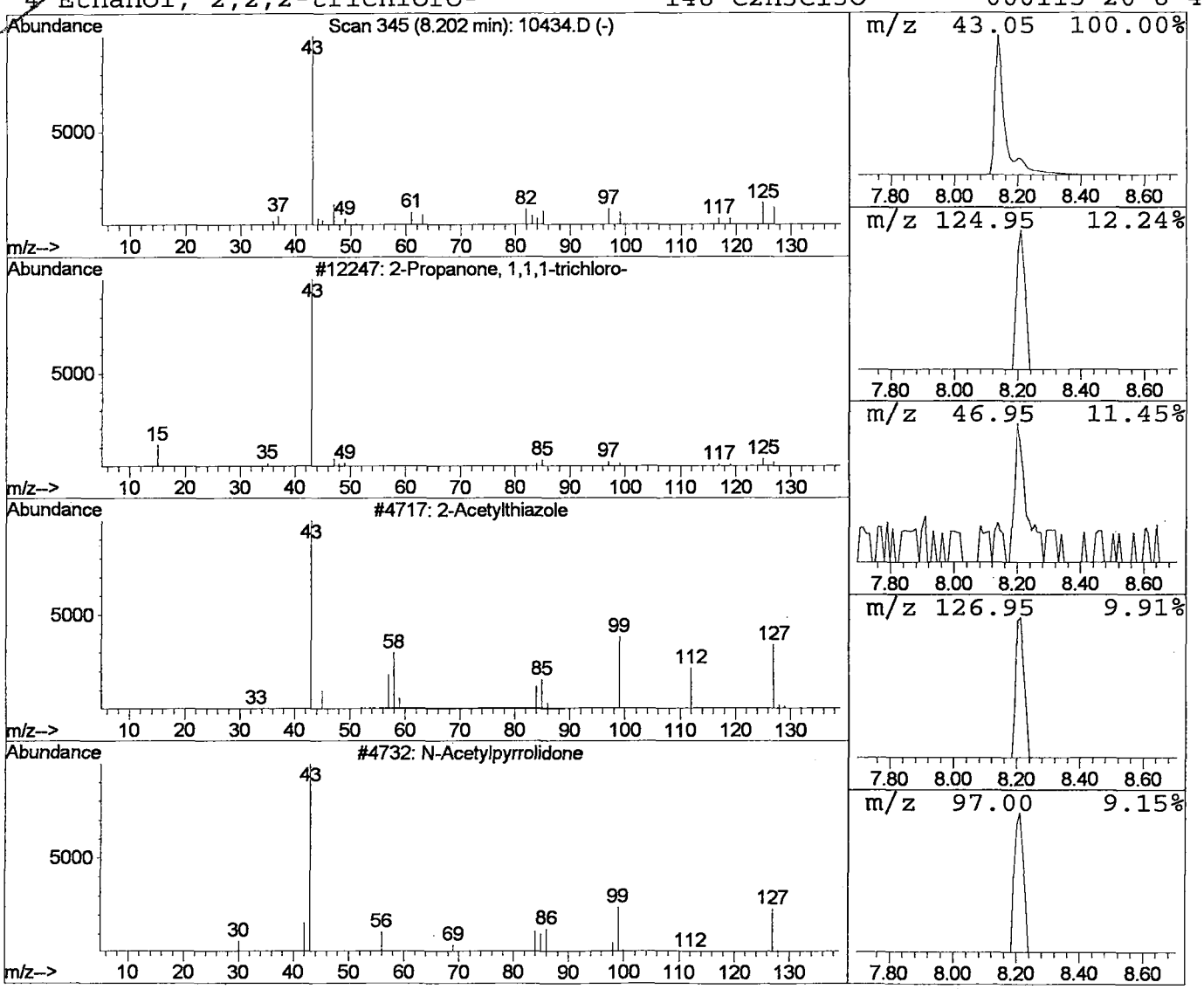
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	2.55 ug/l	155165	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	74
2	2-Acetylthiazole	127	C5H5NOS	024295-03-2	9
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	5
4	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	4



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 11 May 2002 7:21 pm
Data File: C:\HPCHEM\1\DATA\MAY1002\10434.D
Name: gc/ms scan 5/2
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.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	8.14	12.5	ug/l	759669	ISTD01	12.16	2432430	40.0
2-Propanone, 1,1,1-t	8.20	2.6	ug/l	155165	ISTD01	12.16	2432430	40.0

10434.D GCMS0510.M Thu May 16 10:58:35 2002