User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/21/2002 Time: 11:26:20

Sample: AE10852
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/21/02 11:25 Ended: 5/21/02 11:25 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		107		10.0

Comments for Sample AE10852 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-21-2002 Time: 11:27:12

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\MAY1502\10852.D Vial: 7
Acq On : 15 May 2002 7:56 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 17 9:53 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	339759	40.00	ug/l	-0.04
10) Naphthalene-d8	15.79	136	1351543	40.00	ug/l	-0.05
17) Acenaphthene-d10	21.09	164	652386	40.00	ug/l	-0.05
30) Phenanthrene-d10	25.54	188	921334	40.00	ug/l	-0.04
38) Chrysene-d12	33.60	240	595005	40.00	ug/l	-0.04
44) Perylene-d12	37.83	264	355616	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.24	209	138995	42.83	ug/L	-0.04
Spiked Amount 40.000			Recovery = 107.08%			
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	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	15.85	128	269	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	277	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	23.24	168	302	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	0.00	178	0	N.D.		

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

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Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

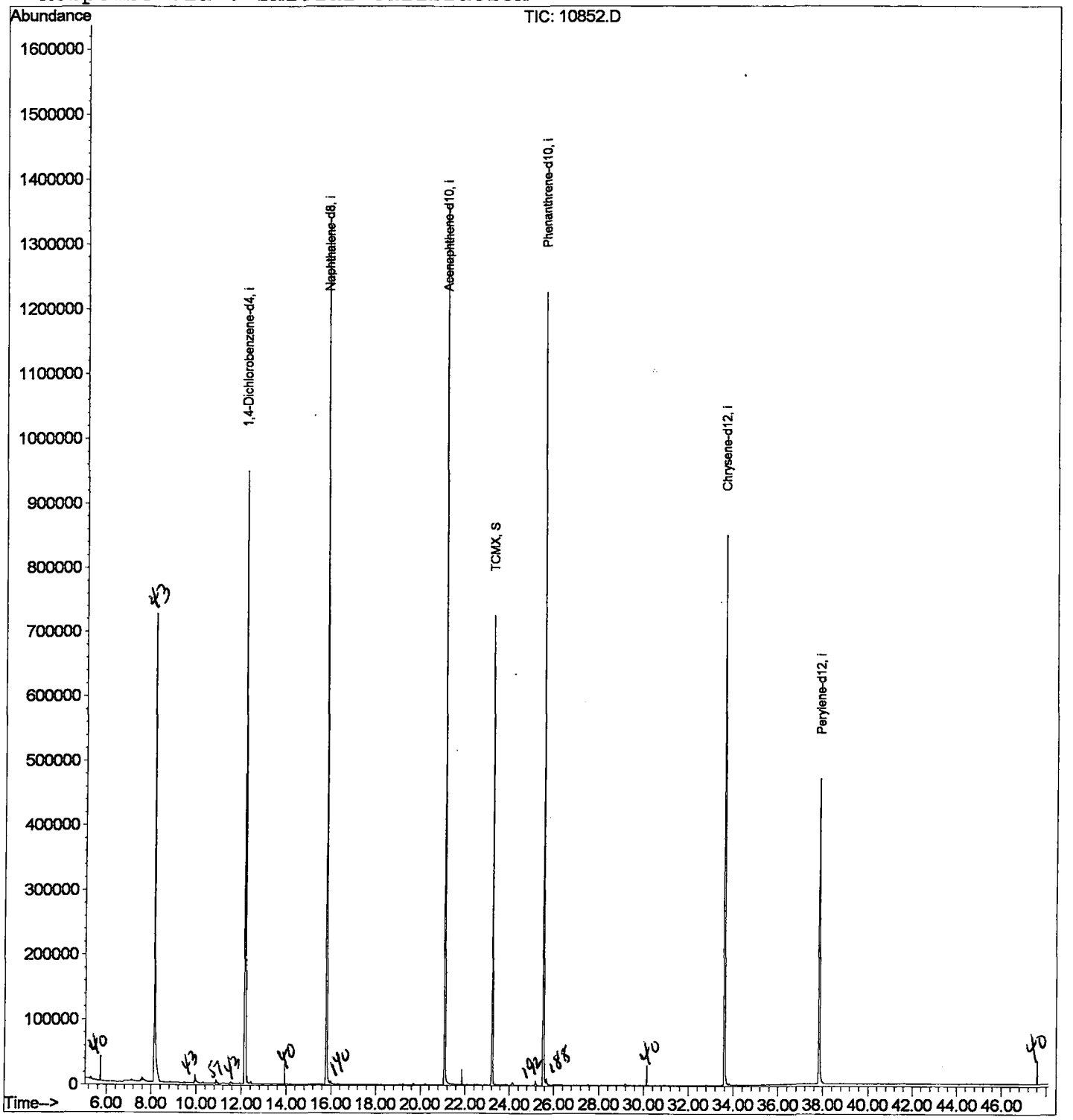
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	27.53	149	1697	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.61	228	1410	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.83	149	736	N.D.	
43)	Chrysene	33.61	228	1410	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	37.83	252	1416	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\MAY1502\10852.D Vial: 7
Acq On : 15 May 2002 7:56 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 17 9:53 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10852.D Vial: 7
Acq On : 15 May 2002 7:56 pm Operator:
Sample : GC/MS SCAN 5/10 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

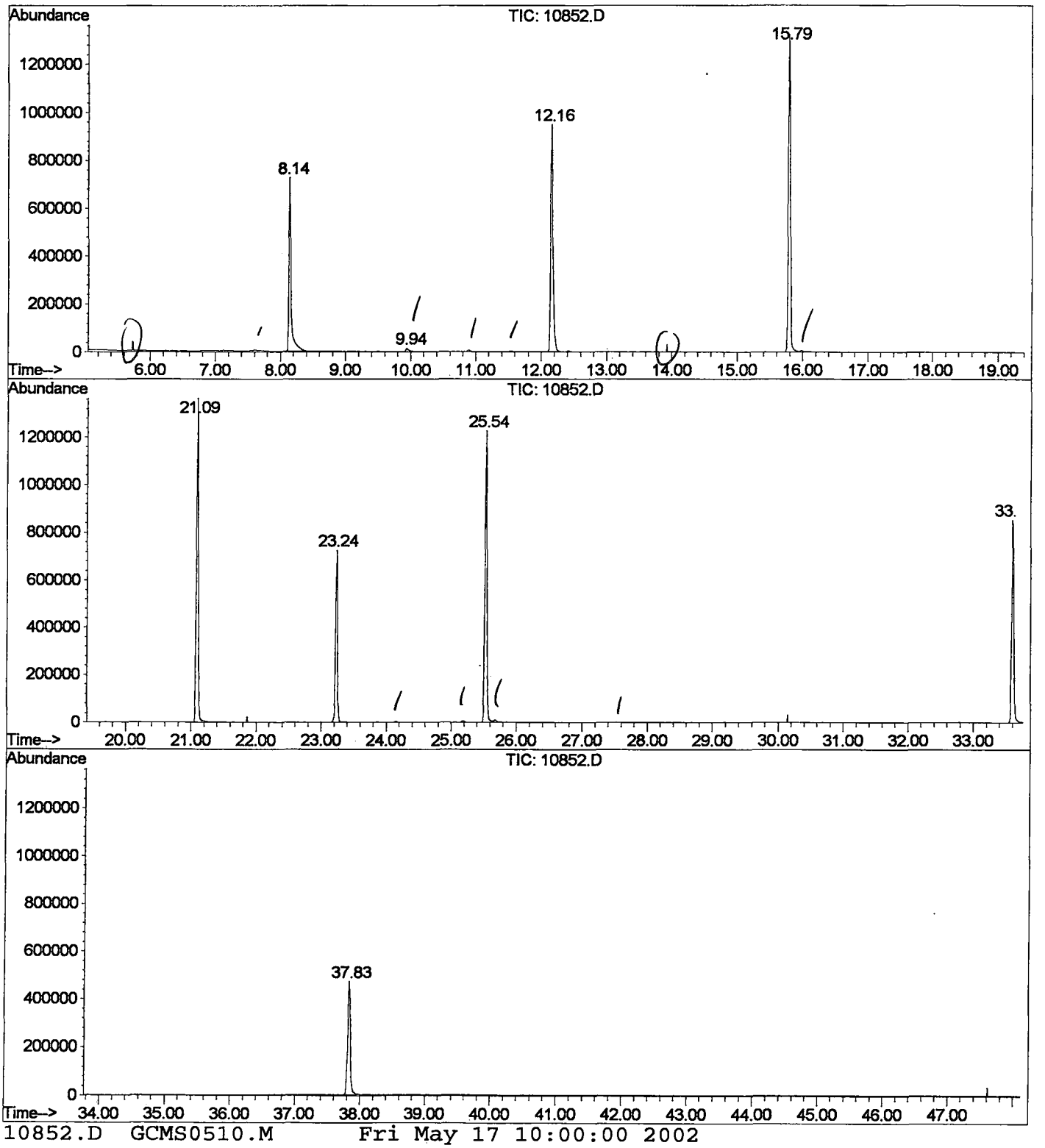
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.135	334	338	365	rBV	723889	1624673	57.10%	9.623%
2	9.940	531	535	548	rBV	12806	38545	1.35%	0.228%
3	12.158	772	777	793	rBV	948190	2174535	76.42%	12.879%
4	15.787	1167	1173	1191	rBV	1322027	2825553	99.30%	16.735%
5	21.092	1746	1752	1770	rBV	1362981	2845503	100.00%	16.854%
6	23.237	1978	1986	1995	rBV	725030	1472142	51.74%	8.719%
7	25.537	2231	2237	2249	rBV2	1226119	2634681	92.59%	15.605%
8	33.601	3111	3117	3134	rBV2	850395	1924882	67.65%	11.401%
9	37.834	3570	3579	3592	rBV2	469143	1343230	47.21%	7.956%

Sum of corrected areas: 16883744

10852.D GCMS0510.M Fri May 17 09:59:59 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1502\10852.D
Operator :
Acquired : 15 May 2002 7:56 pm using AcqMethod GCMS0510
Instrument : 209
Sample Name: GC/MS SCAN 5/10
Misc Info :
Vial Number: 7
Quant File :GCMS0510.RES (RTE Integrator)



10852.D GCMS0510.M Fri May 17 10:00:00 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10852.D Vial: 7
Acq On : 15 May 2002 7:56 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

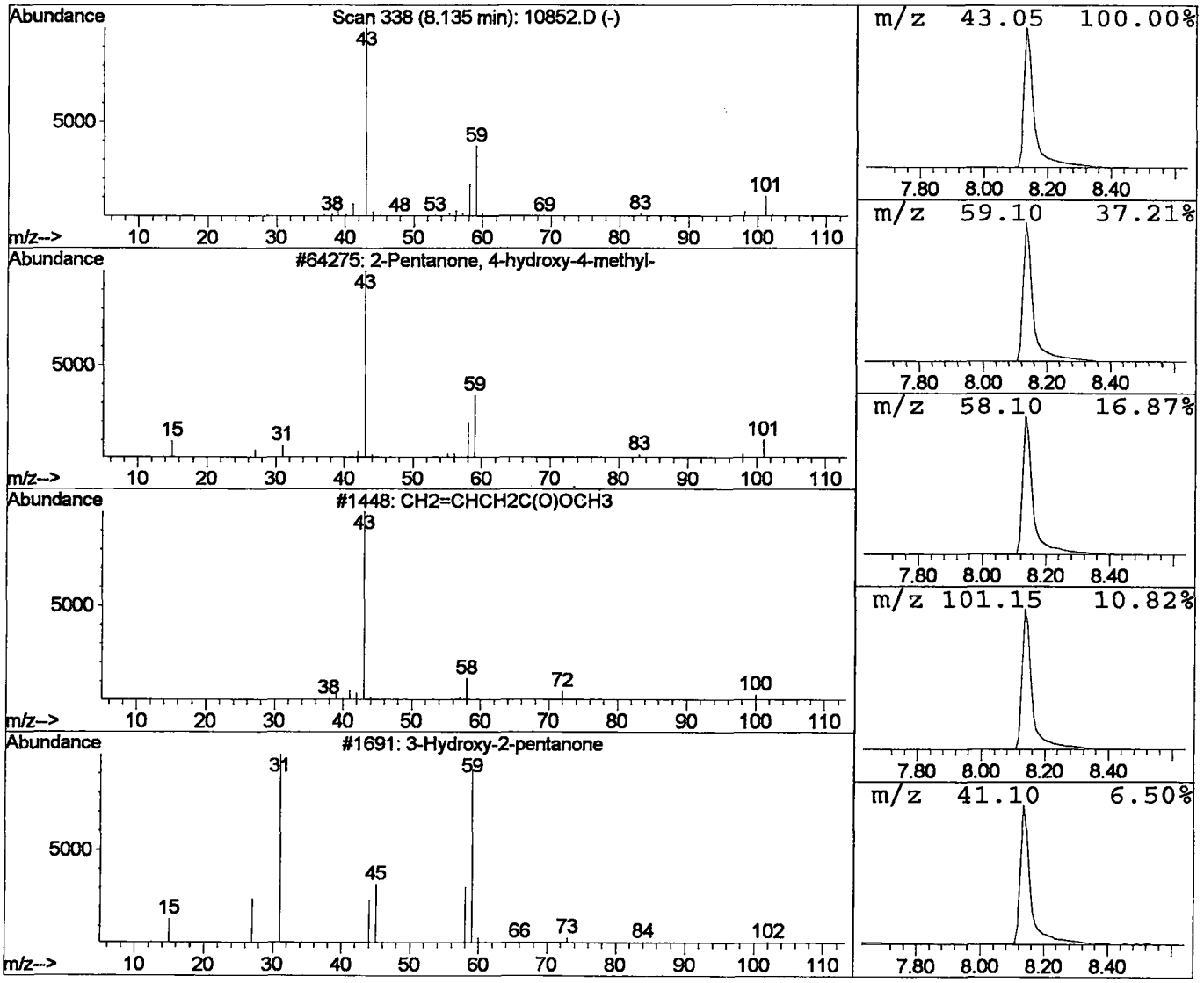
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	29.89 ug/l	1624670	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	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	7
4	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10852.D Vial: 7
Acq On : 15 May 2002 7:56 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

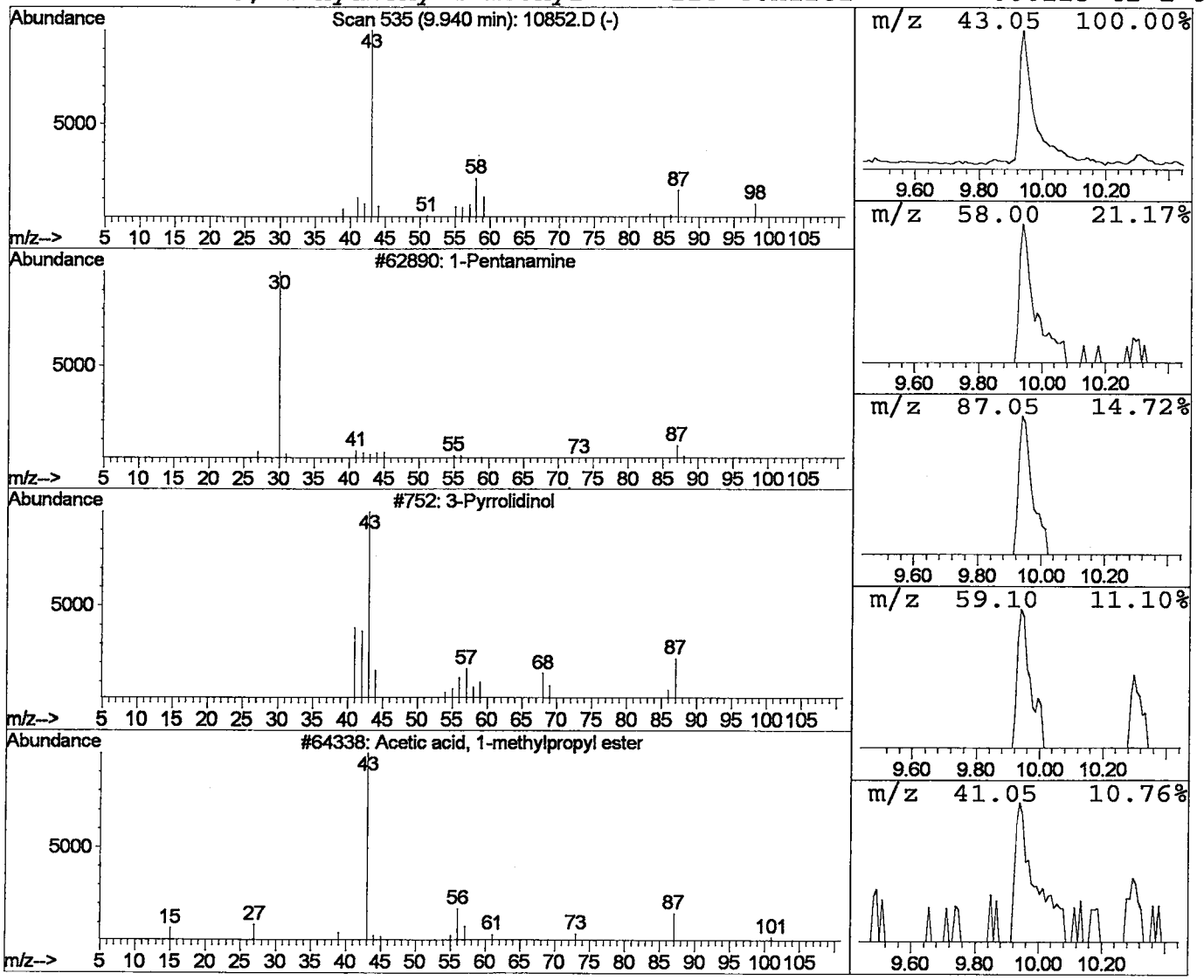
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Pentanamine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	0.71 ug/l	38545	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanamine	87	C5H13N	000110-58-7	12
2	3-Pyrrolidinol	87	C4H9NO	040499-83-0	9
3	Acetic acid, 1-methylpropyl ester	116	C6H12O2	000105-46-4	9
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 15 May 2002 7:56 pm
Data File: C:\HPCHEM\1\DATA\MAY1502\10852.D
Name: GC/MS SCAN 5/10
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	29.9	ug/l	1624670	ISTD01	12.16	2174540	40.0
1-Pentanamine	9.94	0.7	ug/l	38545	ISTD01	12.16	2174540	40.0

10852.D GCMS0510.M Fri May 17 10:00:02 2002