User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/21/2002 Time: 14:26:12

Sample: AE10518
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/21/02 14:25 Ended: 5/21/02 14:25 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		10.0

Comments for Sample AE10518 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-21-2002 Time: 14:26:37

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\10518.D Vial: 41
Acq On : 12 May 2002 5:05 am Operator:
Sample : gc/ms scan 5/2 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 15:22 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	608829	40.00	ug/l	-0.04
10) Naphthalene-d8	15.80	136	2214503	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.10	164	1232090	40.00	ug/l	-0.04
30) Phenanthrene-d10	25.55	188	1684929	40.00	ug/l	-0.03
38) Chrysene-d12	33.61	240	1007540	40.00	ug/l	-0.03
44) Perylene-d12	37.83	264	601082	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.24	209	45145	7.37	ug/L	-0.04
Spiked Amount 10.000			Recovery = 73.70%			
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	15.84	128	196	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	22.58	149	1123	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	416	N.D.		

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

Quantitation Report (QT Reviewed)

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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 15:22 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

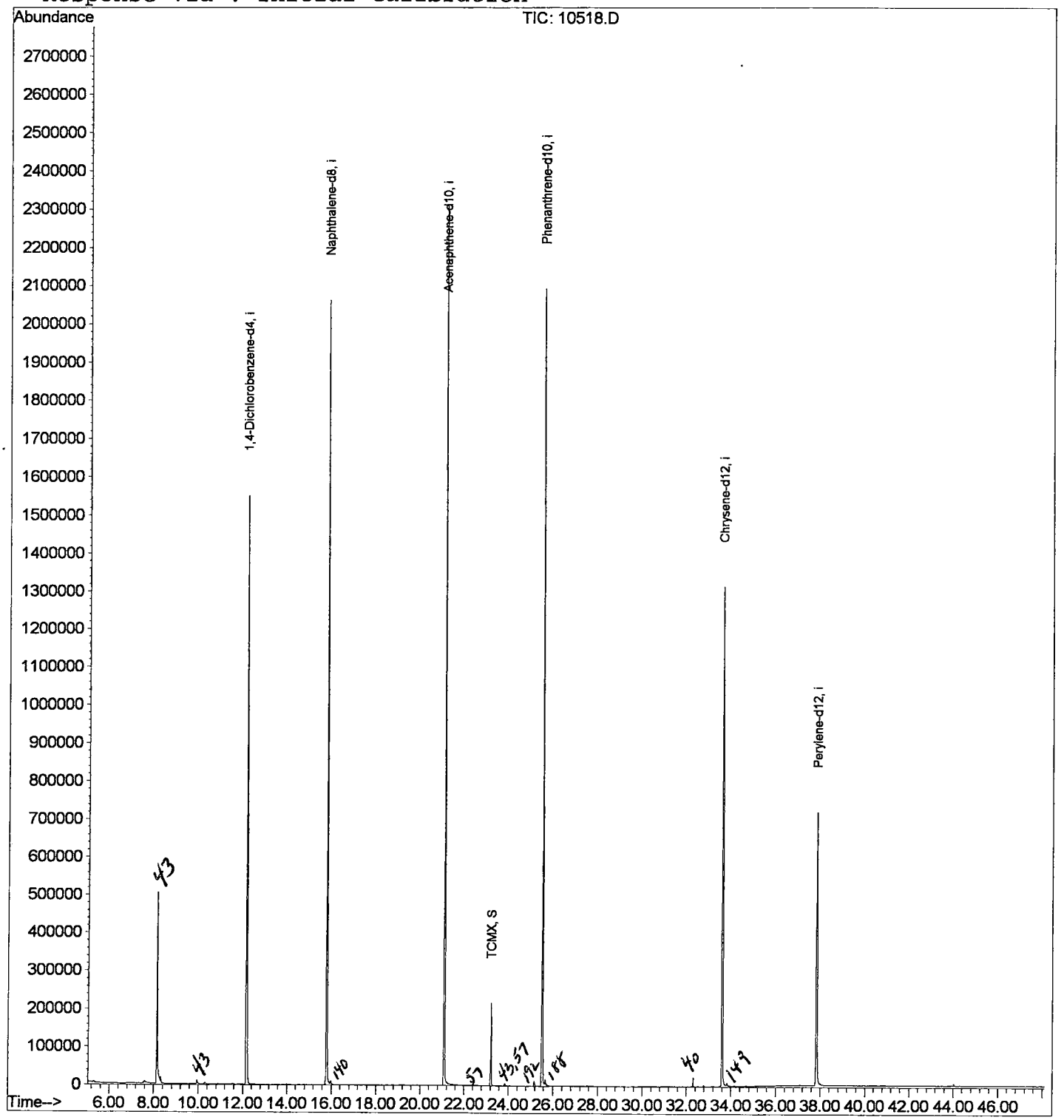
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.55	178	416	N.D.	
36)	Di-n-butylphthalate	27.52	149	3261	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.61	228	2386	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.83	149	3806	N.D.	
43)	Chrysene	33.67	228	670	N.D.	
45)	Di-n-Octylphthalate	35.58	149	190	N.D.	
46)	Benzo(b)fluoranthene	36.66	252	404	N.D.	
47)	Benzo(k)fluoranthene	36.72	252	579	N.D.	
48)	Benzo(a)pyrene	37.84	252	2392	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\10518.D Vial: 41
Acq On : 12 May 2002 5:05 am Operator:
Sample : gc/ms scan 5/2 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 15:22 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\10518.D Vial: 41
Acq On : 12 May 2002 5:05 am Operator:
Sample : gc/ms scan 5/2 fb 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

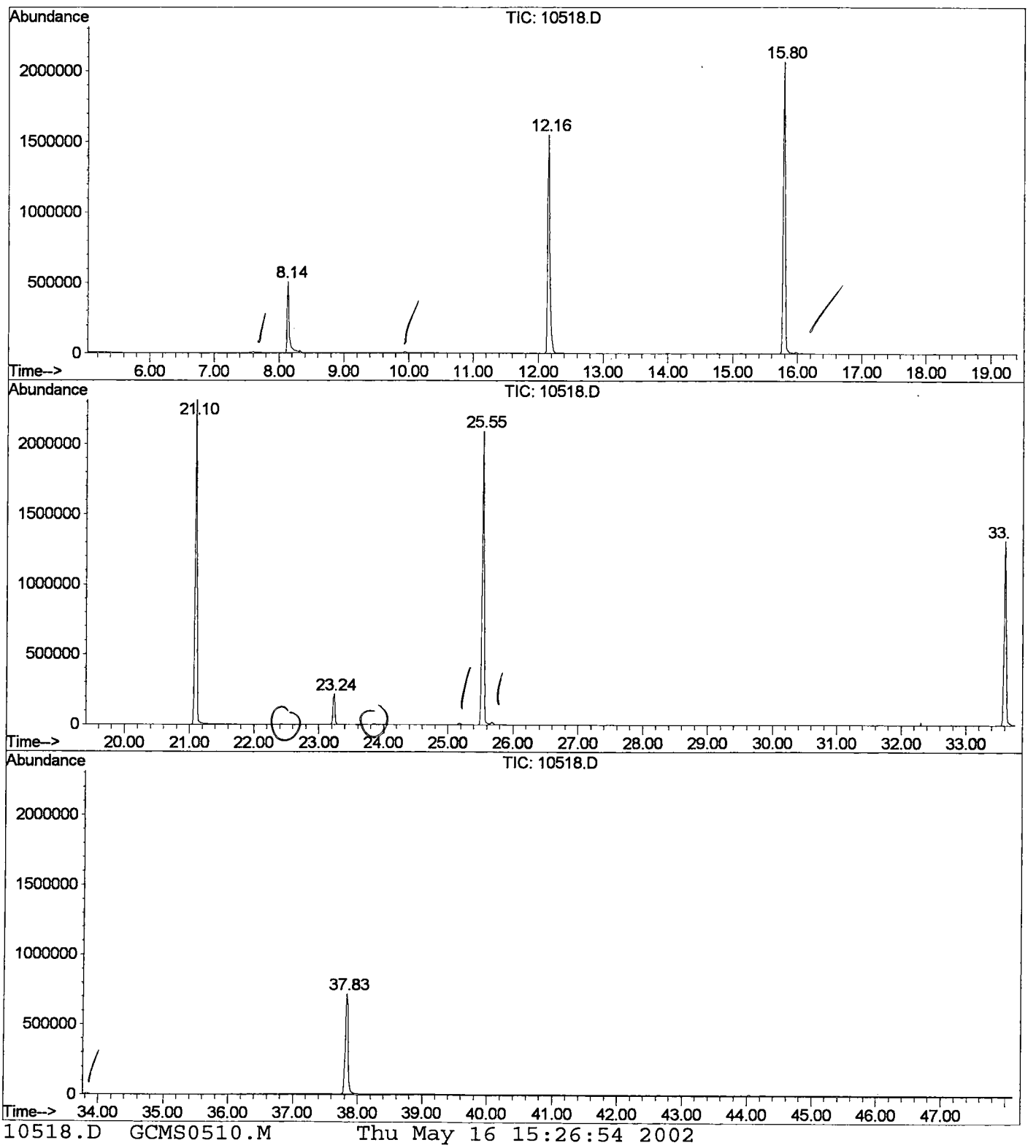
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.135	334	338	357	rBV	503246	1078338	21.85%	4.516%
2	12.158	771	777	796	rBV	1548699	3467054	70.25%	14.518%
3	15.796	1167	1174	1190	rBV	2061981	4363374	88.42%	18.272%
4	21.102	1746	1753	1771	rBV	2313163	4934988	100.00%	20.665%
5	23.237	1978	1986	1993	rBV	216347	434892	8.81%	1.821%
6	25.546	2230	2238	2249	rBV2	2092557	4487929	90.94%	18.793%
7	33.610	3110	3118	3132	rBV	1312652	3012117	61.04%	12.613%
8	37.834	3571	3579	3591	rBV2	715779	2101891	42.59%	8.802%

Sum of corrected areas: 23880583

10518.D GCMS0510.M Thu May 16 15:26:53 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\10518.D
Operator :
Acquired : 12 May 2002 5:05 am using AcqMethod GCMS0507
Instrument : 209
Sample Name: gc/ms scan 5/2 fb
Misc Info :
Vial Number: 41
Quant File :GCMS0510.RES (RTE Integrator)



10518.D GCMS0510.M Thu May 16 15:26:54 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10518.D Vial: 41
Acq On : 12 May 2002 5:05 am Operator:
Sample : gc/ms scan 5/2 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

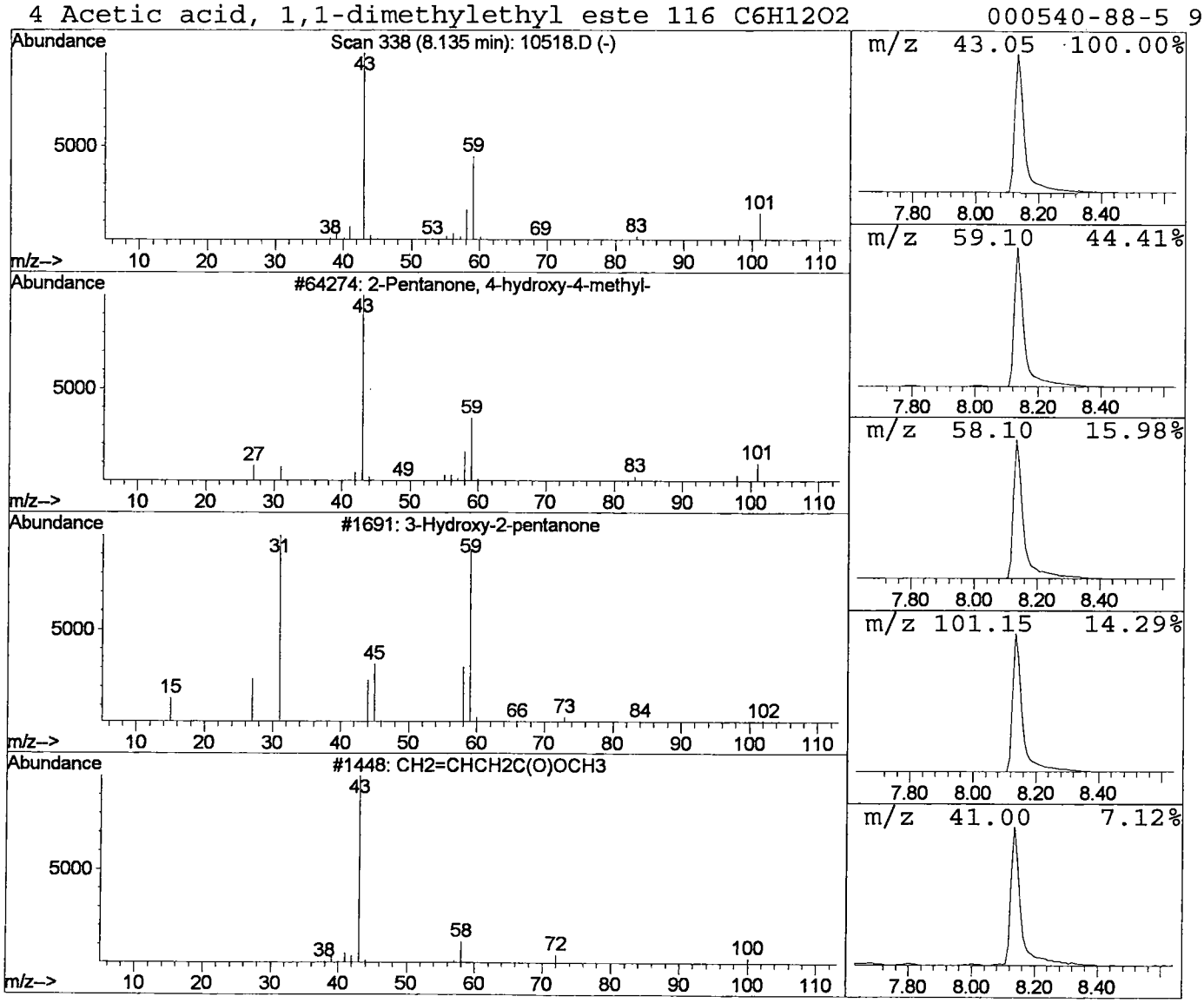
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	12.44 ug/l	1078340	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	78
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 12 May 2002 5:05 am
Data File: C:\HPCHEM\1\DATA\MAY1002\10518.D
Name: gc/ms scan 5/2 fb
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	12.4	ug/l	1078340	ISTD01	12.16	3467050	40.0

10518.D GCMS0510.M Thu May 16 15:26:55 2002