User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/21/2002 Time: 11:23:40

Sample: AE10851
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/21/02 11:22 Ended: 5/21/02 11:22 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		106		10.0

Comments for Sample AE10851 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-21-2002 Time: 11:24:32

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\10851.D Vial: 6
Acq On : 15 May 2002 6:58 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 17 9:44 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	358425	40.00	ug/l	-0.04
10) Naphthalene-d8	15.79	136	1437048	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.09	164	706313	40.00	ug/l	-0.04
30) Phenanthrene-d10	25.54	188	990702	40.00	ug/l	-0.04
38) Chrysene-d12	33.60	240	600468	40.00	ug/l	-0.04
44) Perylene-d12	37.83	264	353903	40.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	23.24	209	148863	42.37	ug/L	-0.03
Spiked Amount 40.000			Recovery = 105.93%			
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	517	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	702	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	367	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1502\10851.D Vial: 6
Acq On : 15 May 2002 6:58 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 17 9:44 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

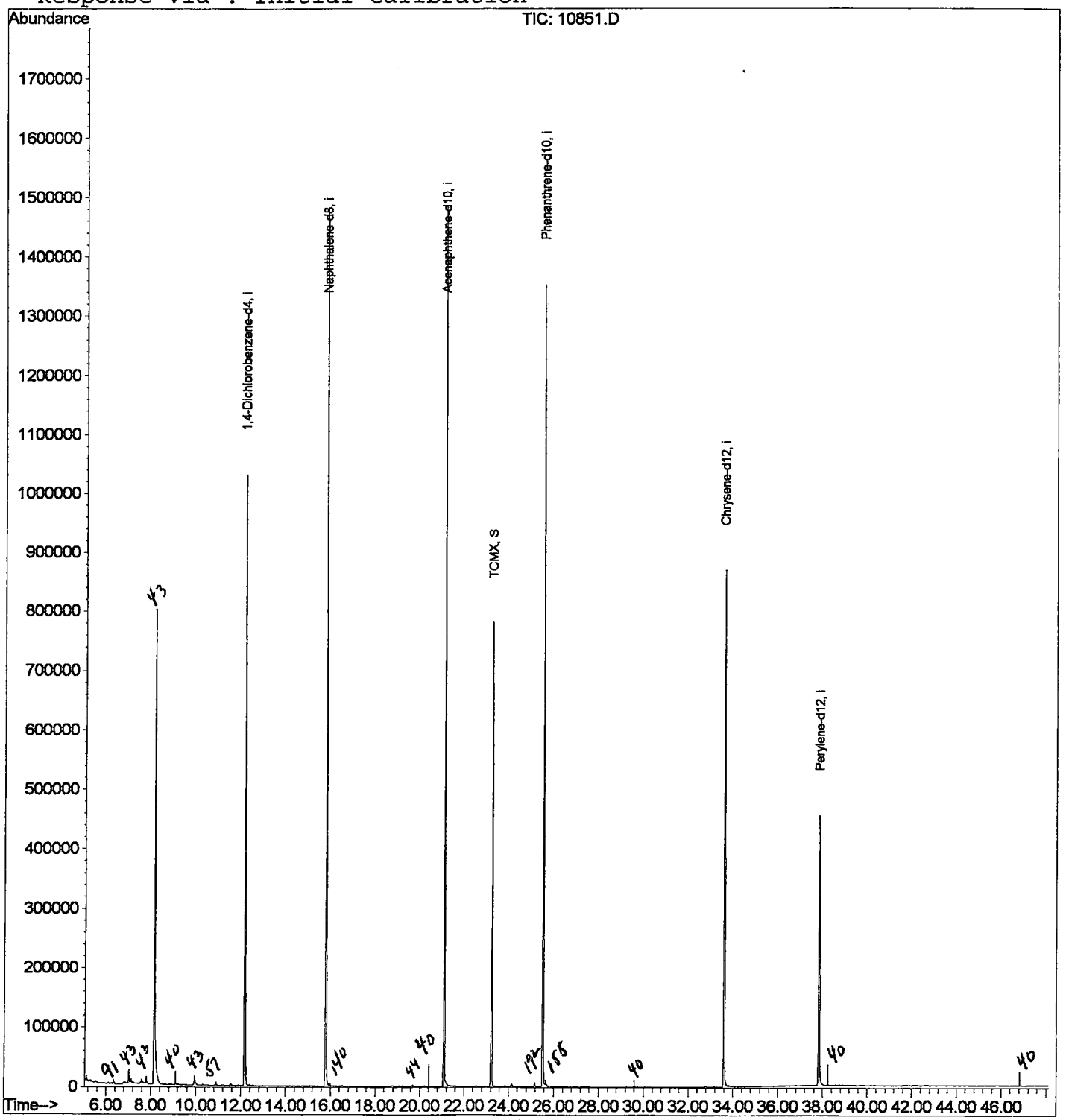
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	27.52	149	2089	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.05	149	103	N.D.	
41)	Benzo(a)anthracene	33.60	228	1739	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.83	149	1015	N.D.	
43)	Chrysene	33.68	228	675	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	1486	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\10851.D Vial: 6
Acq On : 15 May 2002 6:58 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 17 9:44 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\10851.D Vial: 6
Acq On : 15 May 2002 6:58 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

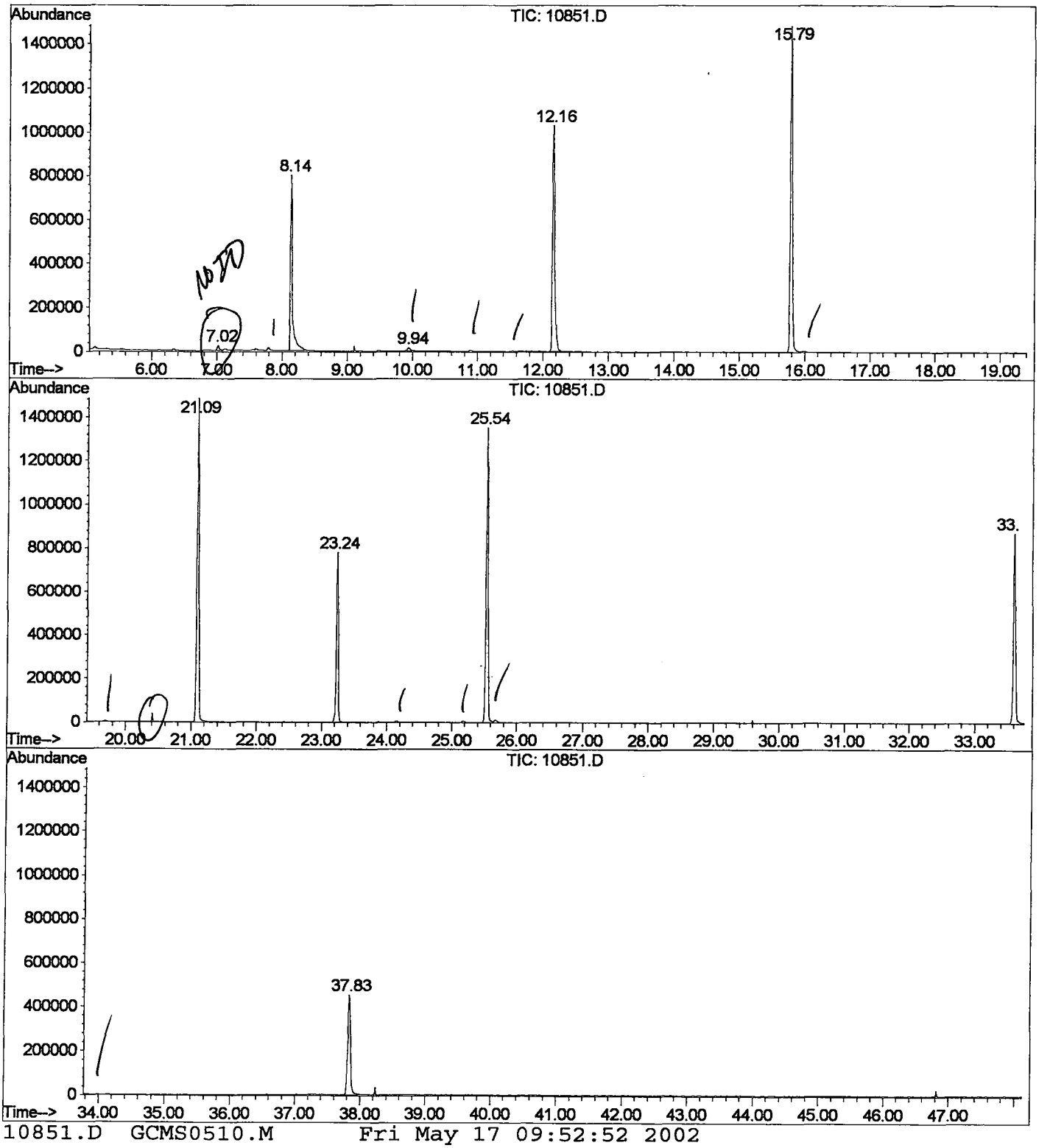
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.019	212	216	223	rBV	23630	50558	1.66%	0.283%
2	8.137	334	338	360	rBV	798728	1732121	56.92%	9.685%
3	9.942	524	535	549	rBV2	15389	53429	1.76%	0.299%
4	12.160	771	777	792	rVB	1029330	2306124	75.78%	12.894%
5	15.789	1167	1173	1191	rBV	1478146	3018975	99.21%	16.880%
6	21.095	1746	1752	1769	rBV	1485824	3043091	100.00%	17.014%
7	23.239	1978	1986	1998	rBV	781038	1563058	51.36%	8.739%
8	25.539	2230	2237	2248	rBV2	1352152	2821881	92.73%	15.778%
9	33.603	3110	3117	3139	rBV2	869897	1951593	64.13%	10.912%
10	37.827	3569	3578	3593	rBV2	452284	1344499	44.18%	7.517%

Sum of corrected areas: 17885329

10851.D GCMS0510.M Fri May 17 09:52:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1502\10851.D
Operator :
Acquired : 15 May 2002 6:58 pm using AcqMethod GCMS0510
Instrument : 209
Sample Name: GC/MS SCAN 5/10
Misc Info :
Vial Number: 6
Quant File :GCMS0510.RES (RTE Integrator)



10851.D GCMS0510.M Fri May 17 09:52:52 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10851.D Vial: 6
Acq On : 15 May 2002 6:58 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

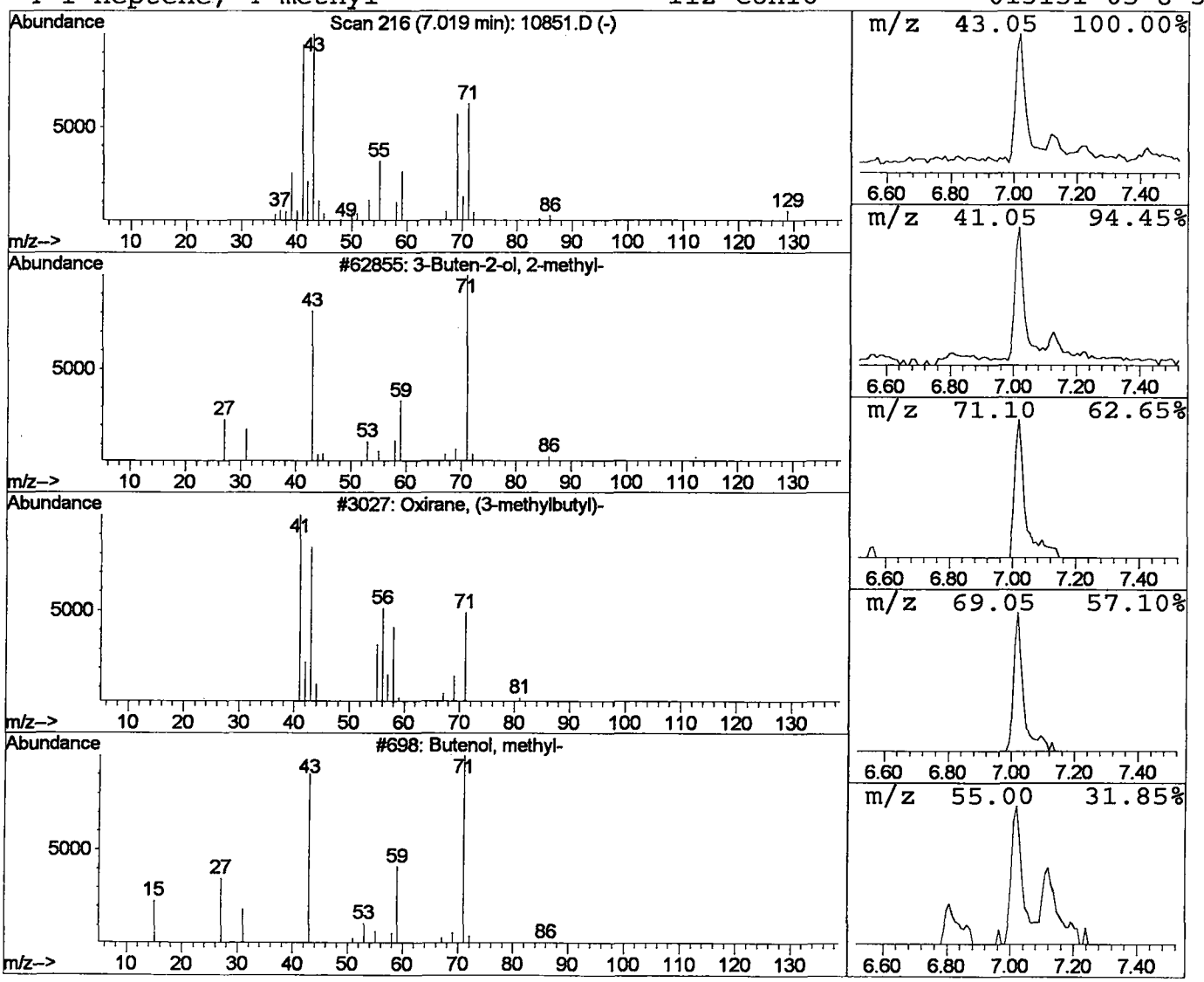
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Buten-2-ol, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	0.88 ug/l	50558	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	52
2	Oxirane, (3-methylbutyl)-	114	C7H14O	053229-41-7	47
3	Butenol, methyl-	86	C5H10O	060766-00-9	40
4	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	33



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10851.D Vial: 6
Acq On : 15 May 2002 6:58 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

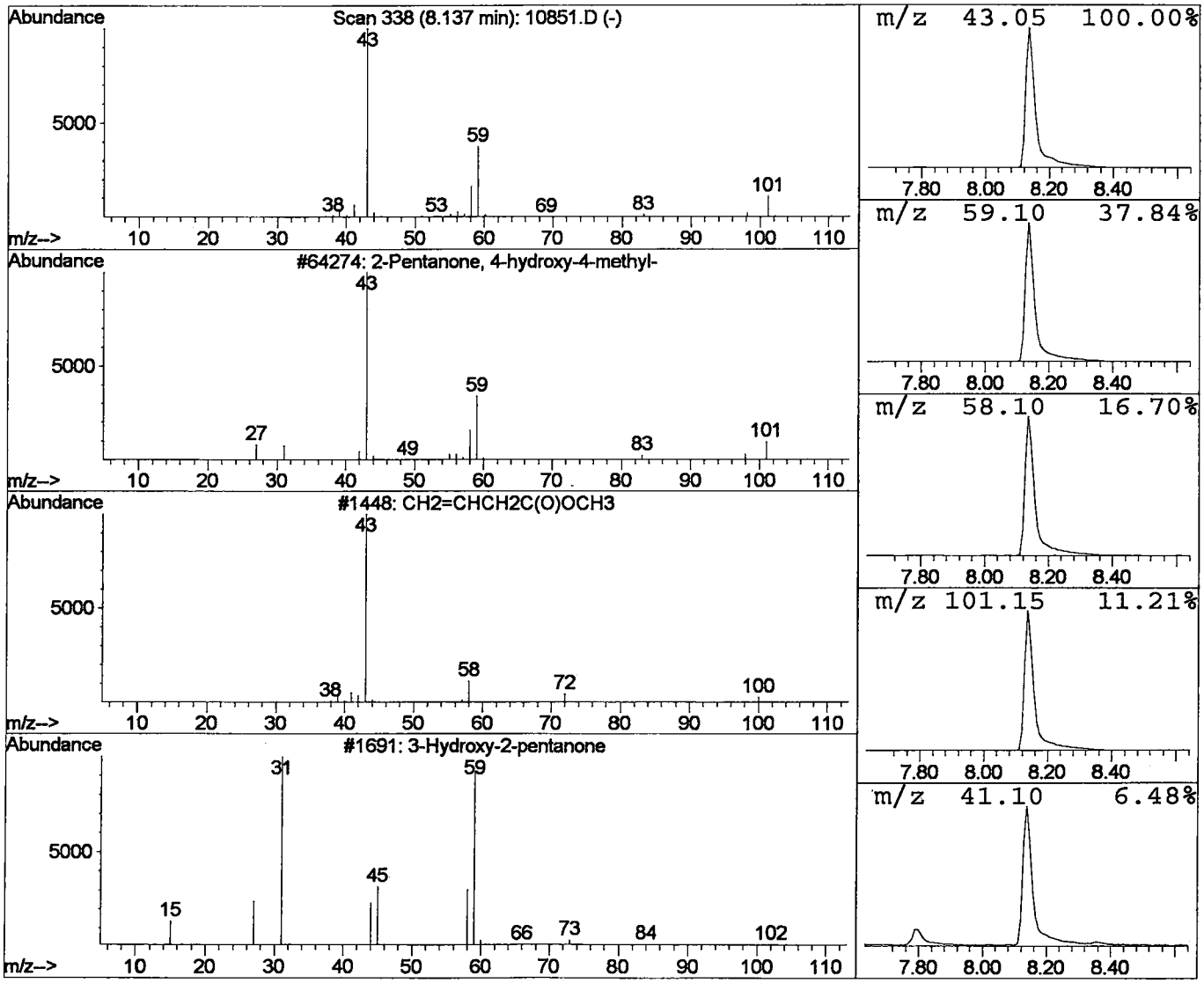
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	30.04 ug/l	1732120	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	72
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\10851.D Vial: 6
Acq On : 15 May 2002 6:58 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

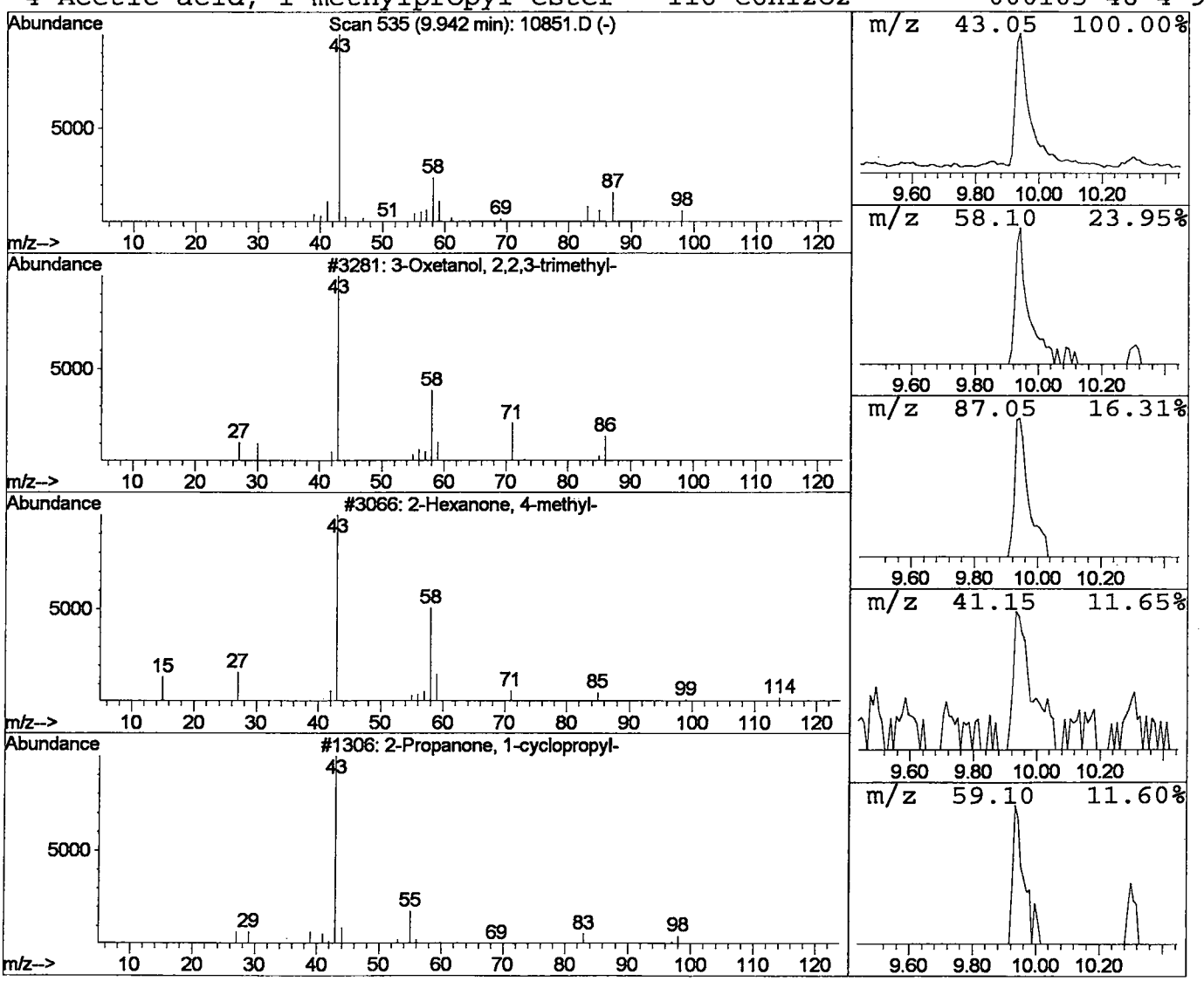
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Oxetanol, 2,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	0.93 ug/l	53429	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Oxetanol, 2,2,3-trimethyl-	116	C6H12O2	025910-96-7	23
2	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	17
3	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9
4	Acetic acid, 1-methylpropyl ester	116	C6H12O2	000105-46-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 15 May 2002 6:58 pm
Data File: C:\HPCHEM\1\DATA\MAY1502\10851.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
3-Buten-2-ol, 2-meth	7.02	0.9	ug/l	50558	ISTD01	12.16	2306120	40.0
2-Pentanone, 4-hydro	8.14	30.0	ug/l	1732120	ISTD01	12.16	2306120	40.0
3-Oxetanol, 2,2,3-tr	9.94	0.9	ug/l	53429	ISTD01	12.16	2306120	40.0

10851.D GCMS0510.M Fri May 17 09:52:55 2002