User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/10/2002 Time: 14:22:20

Sample: AE10166
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/10/02 14:21 Ended: 5/10/02 14:21 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		10.0

Comments for Sample AE10166 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-10-2002 Time: 14:22:25

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

Data File : C:\HPCHEM\1\DATA\MAY0602\10166.D Vial: 14
Acq On : 8 May 2002 6:34 am Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 9:58 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 07 08:24:38 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	454740	40.00	ug/l	0.00
10) Naphthalene-d8	15.83	136	1658516	40.00	ug/l	0.00
17) Acenaphthene-d10	21.13	164	905575	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1222761	40.00	ug/l	0.00
38) Chrysene-d12	33.63	240	634519	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	366897	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	33603	7.46	ug/L	0.00
Spiked Amount 10.000			Recovery = 74.60%			
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	0.00	128	0	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	412	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	25.57	178	201	N.D.		

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

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Last Update : Tue May 07 08:24:38 2002
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	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.57	178	201	N.D.	
36)	Di-n-butylphthalate	27.55	149	1810	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	1391	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.85	149	880	N.D.	
43)	Chrysene	33.63	228	1391	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	1316	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

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Acq On : 8 May 2002 6:34 am Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
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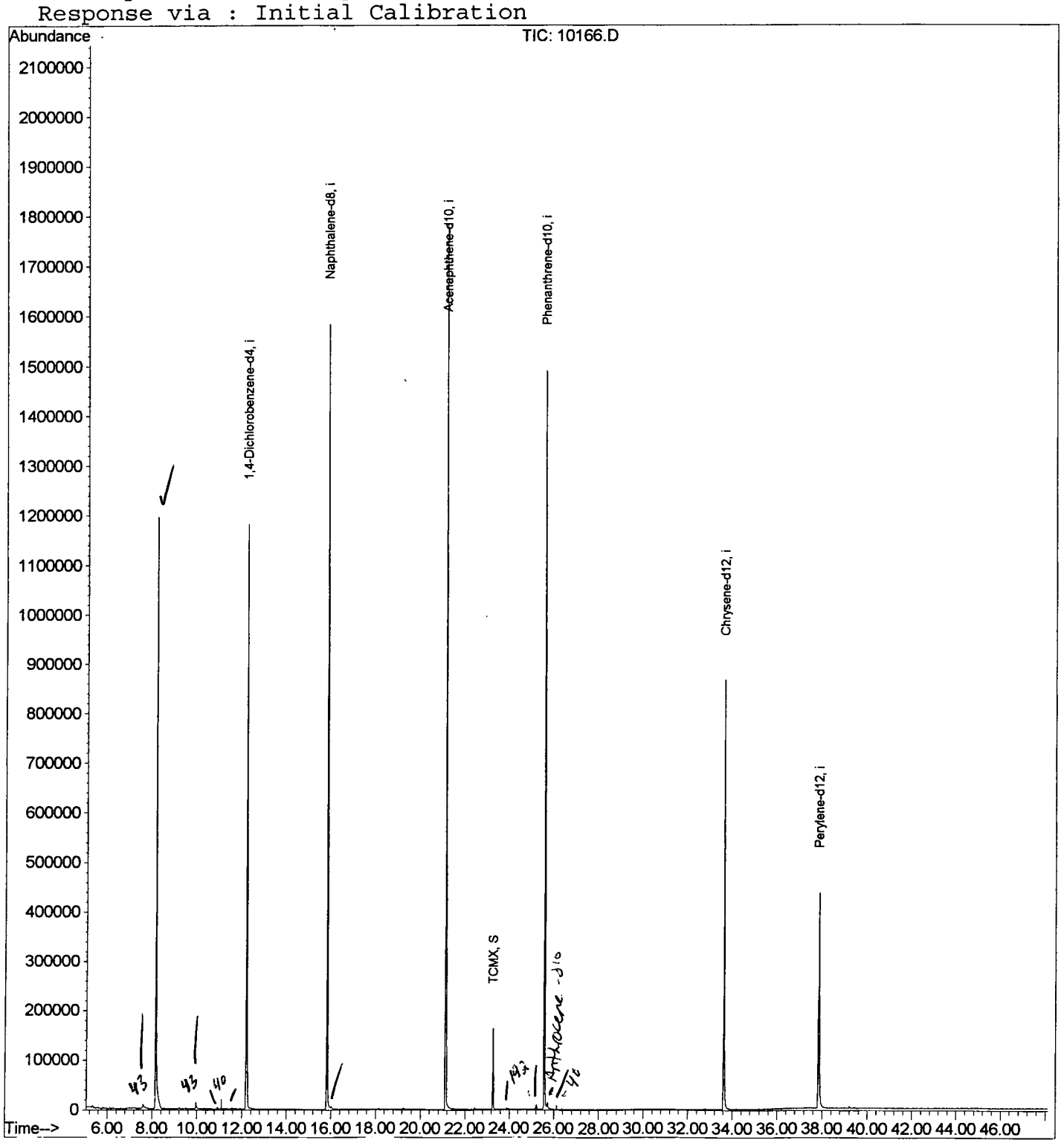
Quant Time: May 9 9:58 2002 Quant Results File: GCMS0507.RES

Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 07 08:24:38 2002
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\MAY0602\10166.D Vial: 14
Acq On : 8 May 2002 6:34 am Operator:
Sample : GC/MS SCAN 4/29 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

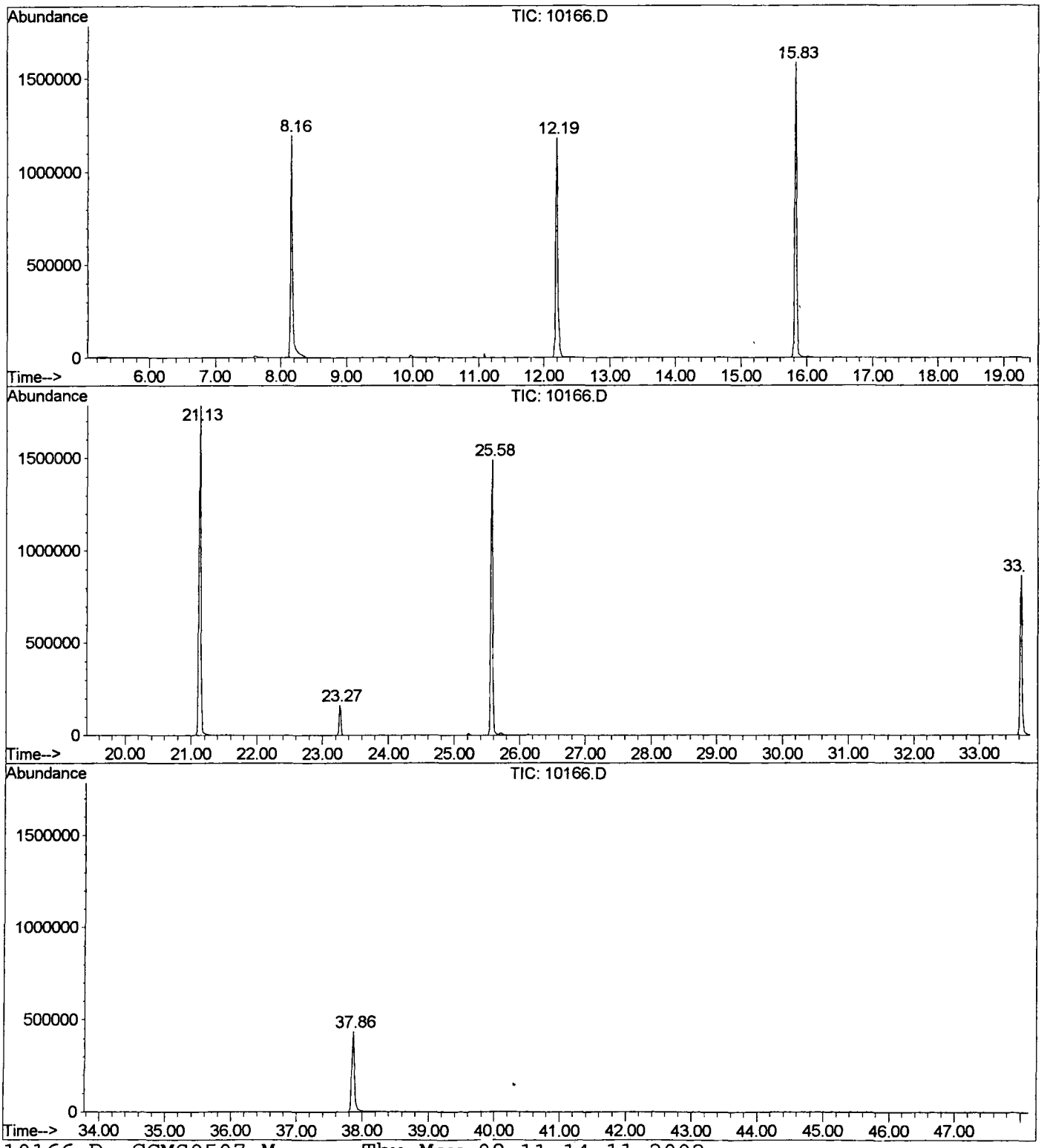
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.158	336	340	367	rVB	1194188	2463616	68.16%	13.188%
2	12.190	775	780	797	rBV	1180256	2588441	71.61%	13.856%
3	15.828	1170	1177	1194	rBV	1582986	3263247	90.28%	17.468%
4	21.134	1749	1756	1774	rBV	1785475	3614526	100.00%	19.349%
5	23.269	1980	1989	1996	rBV	162786	321031	8.88%	1.718%
6	25.578	2234	2241	2252	rBV2	1490763	3270340	90.48%	17.506%
7	33.633	3114	3120	3141	rBV2	865741	1892691	52.36%	10.132%
8	37.858	3573	3581	3596	rBV2	434642	1267270	35.06%	6.784%

Sum of corrected areas: 18681162

10166.D GCMS0507.M Thu May 09 11:14:10 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0602\10166.D
Operator :
Acquired : 8 May 2002 6:34 am using AcqMethod GCMS0507
Instrument : 209
Sample Name: GC/MS SCAN 4/29
Misc Info :
Vial Number: 14
Quant File :GCMS0507.RES (RTE Integrator)



10166.D GCMS0507.M Thu May 09 11:14:11 2002

Data File : C:\HPCHEM\1\DATA\MAY0602\10166.D Vial: 14
Acq On : 8 May 2002 6:34 am Operator:
Sample : GC/MS SCAN 4/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

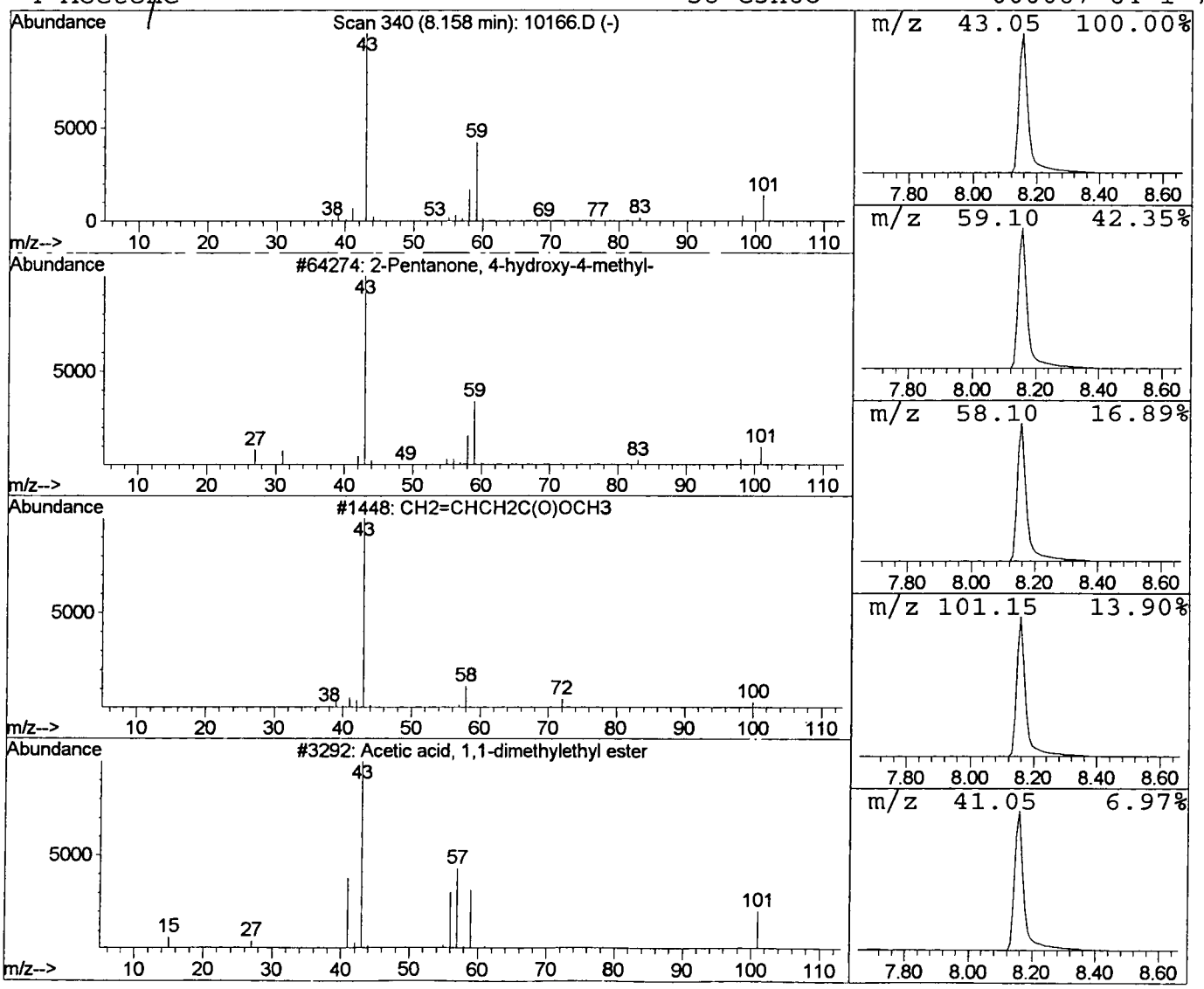
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	38.07 ug/l	2463620	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	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9
4	Acetone	58	C3H6O	000067-64-1	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 May 2002 6:34 am
Data File: C:\HPCHEM\1\DATA\MAY0602\10166.D
Name: GC/MS SCAN 4/29
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	38.1	ug/l	2463620	ISTD01	12.19	2588440	40.0

10166.D GCMS0507.M Thu May 09 11:14:12 2002