User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 14:52:18

Sample: AE05050
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/5/02 14:51 Ended: 4/5/02 14:51 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		117		5.0

Comments for Sample AE05050 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-05-2002 Time: 14:52:33

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\MAR3002\5050.D Vial: 23
Acq On : 30 Mar 2002 12:47 pm Operator:
Sample : gc/ms scan 3/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 30 13:36 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	465162	20.00	ug/l	-0.10
10) Naphthalene-d8	15.88	136	1707170	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	956503	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1337707	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	664379	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	359440	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	78558	5.85	ug/mL	0.21
Spiked Amount 5.000			Recovery = 117.00%			
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	15.95	128	1322	N.D.		
16) Hexachlorobutadiene	16.50	225	181	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	20.72	152	306	N.D.		
23) Acenaphthene	21.28	153	310	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.68	149	978	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

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Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

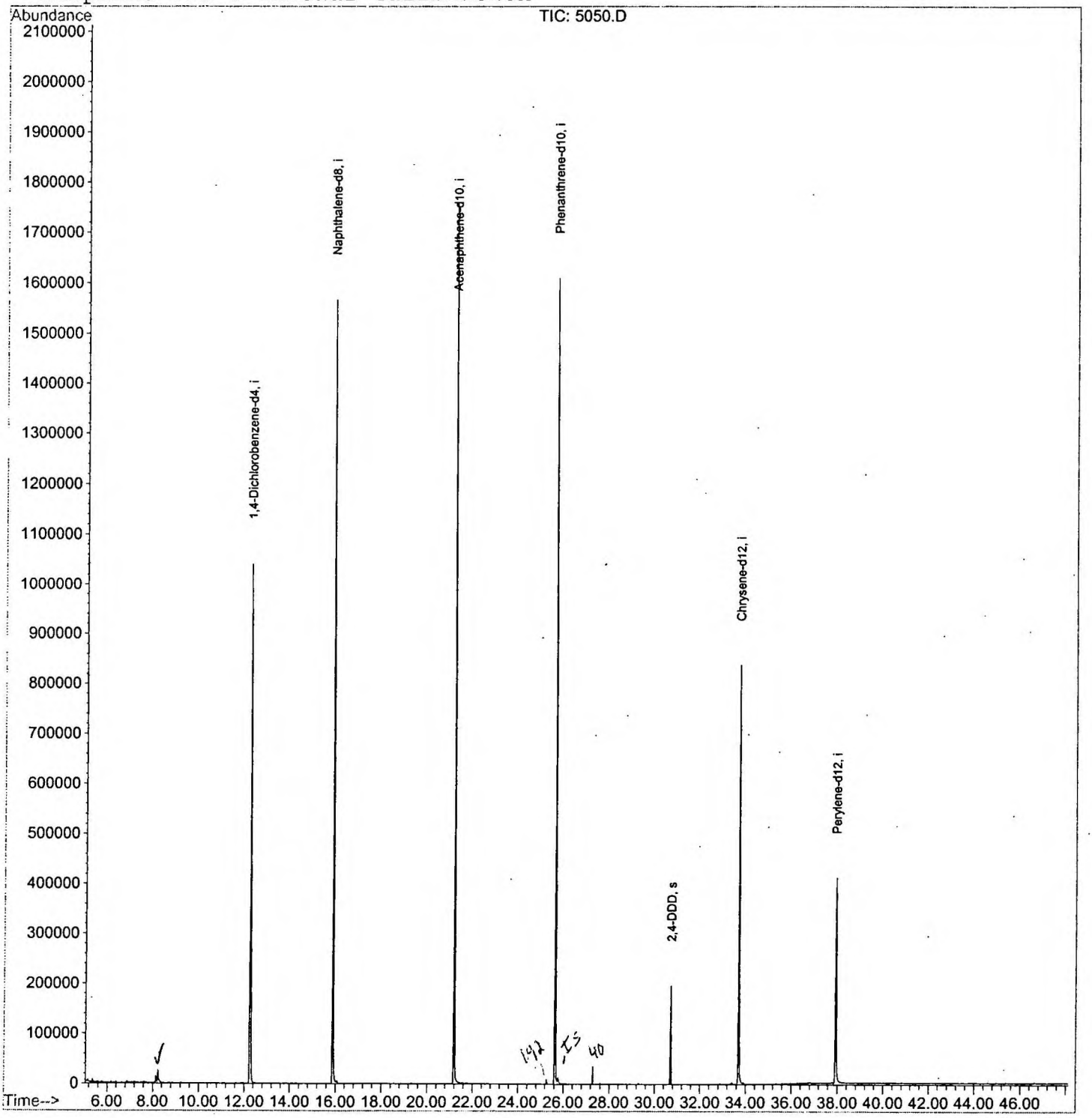
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.63	178	220	N.D.	
34)	Anthracene	25.63	178	220	N.D.	
35)	Di-n-butylphthalate	27.60	149	3989	N.D.	
36)	Fluoranthene	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	33.77	228	3258	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.90	149	2776	N.D.	
43)	Chrysene	33.77	228	3393	N.D.	
45)	Di-n-Octylphthalate	35.65	149	588	N.D.	
46)	Benzo(b)fluoranthene	36.82	252	3615	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	2235	N.D.	
48)	Benzo(a)pyrene	37.74	252	778	N.D.	
49)	Indeno(1,2,3-cd)pyrene	42.08	276	381	N.D.	
50)	Dibenz(a,h)anthracene	42.18	278	383	N.D.	
51)	Benzo(g,h,i)perylene	43.31	276	848	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5050.D Vial: 23
Acq On : 30 Mar 2002 12:47 pm Operator:
Sample : gc/ms scan 3/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 30 13:36 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5050.D Vial: 23
Acq On : 30 Mar 2002 12:47 pm Operator:
Sample : gc/ms scan 3/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

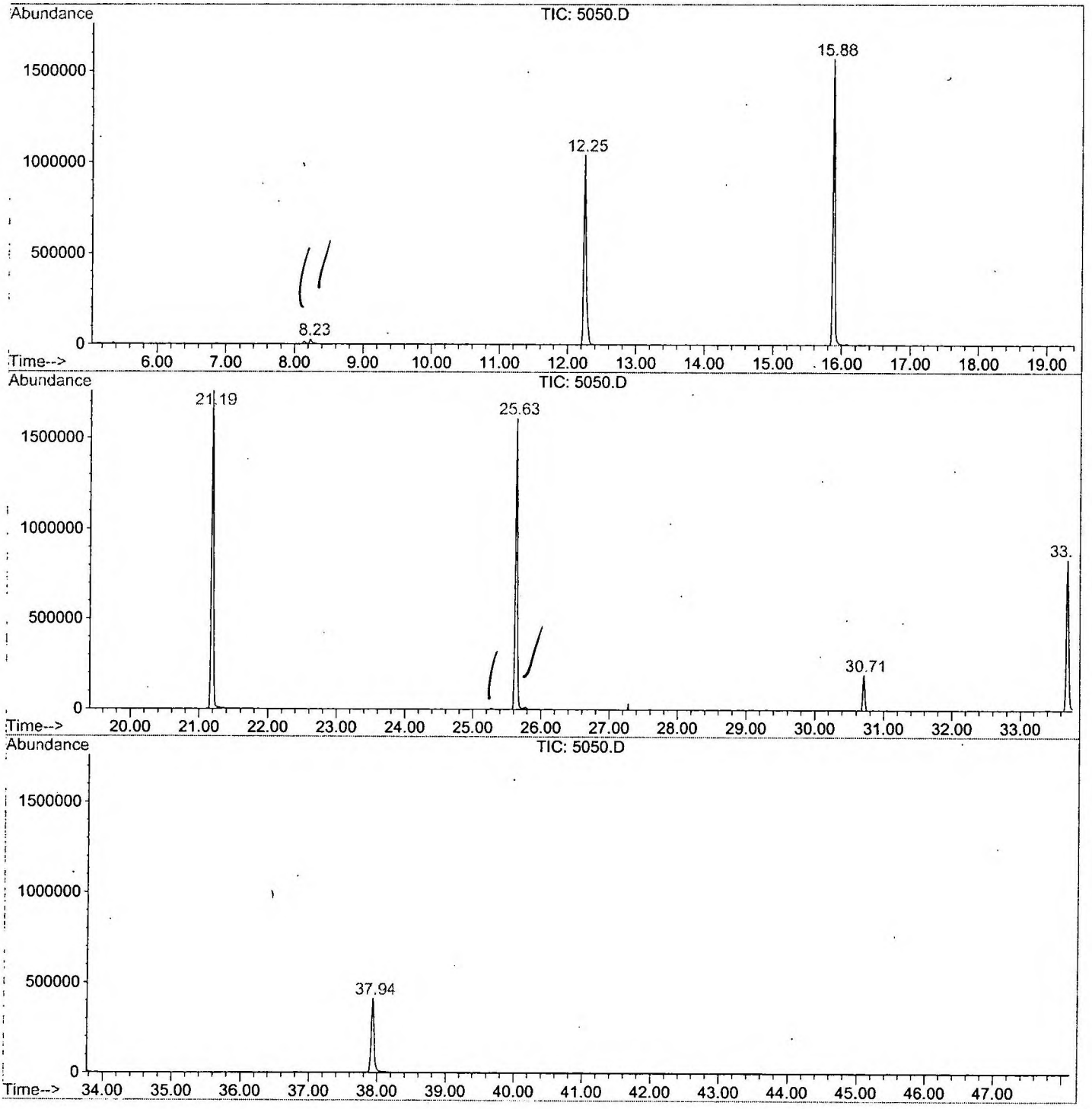
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.228	344	347	360	rVB	25071	65994	1.83%	0.405%
2	12.249	779	785	803	rBV	1040560	2517288	69.63%	15.448%
3	15.884	1175	1181	1196	rBV	1567041	3213540	88.89%	19.720%
4	21.190	1753	1759	1782	rBV	1760384	3615198	100.00%	22.185%
5	25.634	2236	2243	2254	rBV2	1610149	3357740	92.88%	20.605%
6	30.710	2791	2796	2803	rBV	197088	383589	10.61%	2.354%
7	33.694	3114	3121	3141	rBV	838741	1920419	53.12%	11.785%
8	37.935	3575	3583	3599	rBV2	410857	1221927	33.80%	7.498%

Sum of corrected areas: 16295695

5050.D GCMS0308.M Tue Apr 02 14:11:06 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\5050.D
Operator :
Acquired : 30 Mar 2002 12:47 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/7
Misc Info :
Vial Number: 23
Quant File :GCMS0308:RES (RTE Integrator)



5050.D GCMS0308.M Tue Apr 02 14:11:12 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5050.D Vial: 23
Acq On : 30 Mar 2002 12:47 pm Operator:
Sample : gc/ms scan 3/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

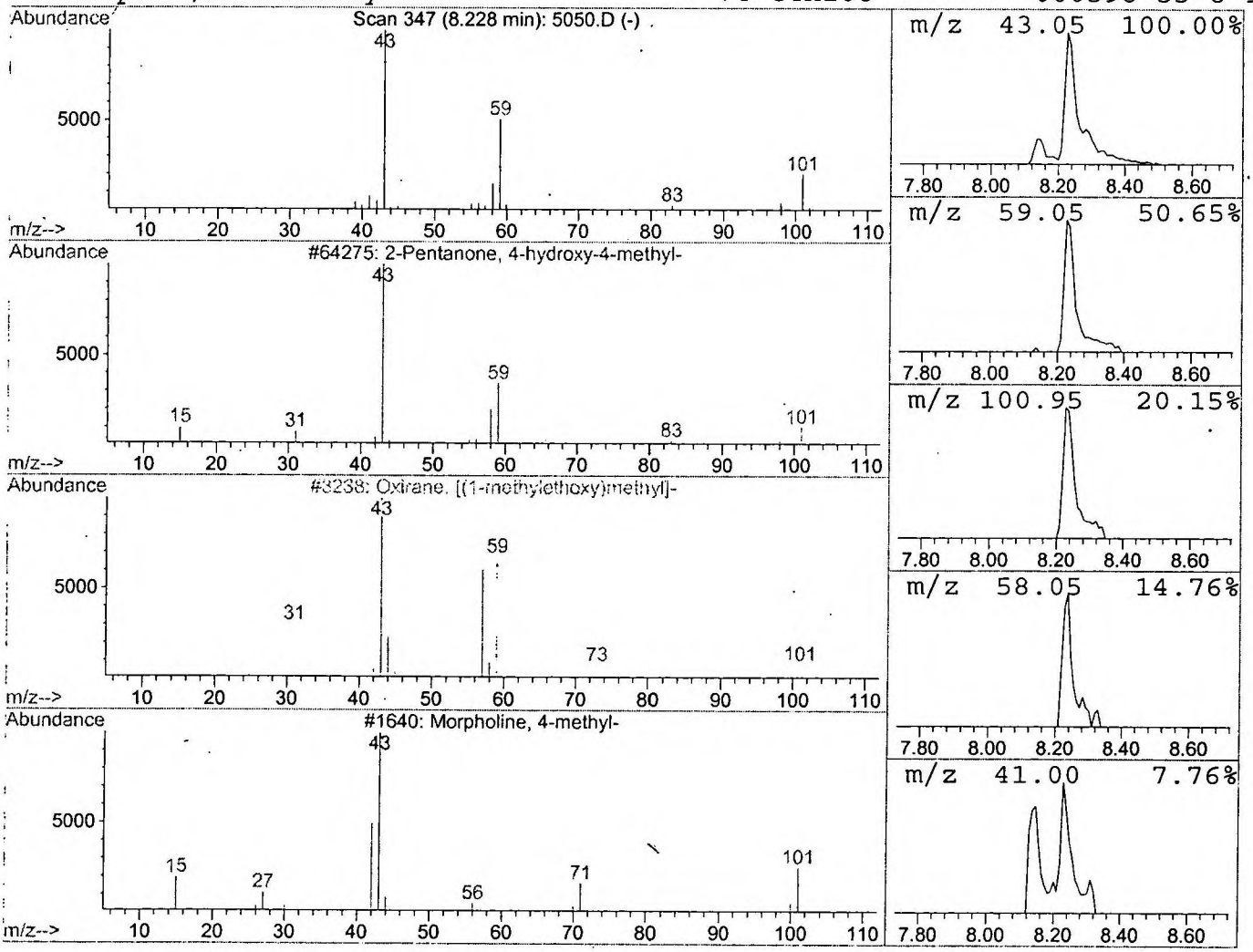
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	0.52 ug/l	65994	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	38
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Propane, 2-methoxy-	74	C4H10O	000598-53-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 30 Mar 2002 12:47 pm
Data File: C:\HPCHEM\1\DATA\MAR3002\5050.D
Name: gc/ms scan 3/7
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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~~	8.23	0.5	ug/l	65994	ISTD01	12.25	2517290	20.0

5050.D GCMS0308.M Tue Apr 02 14:11:21 2002