User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/04/2002 Time: 10:52:39

Sample: AE04799
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/4/02 10:45 Ended: 4/4/02 10:45 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		126		5.0

Comments for Sample AE04799 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-04-2002 Time: 10:52:49

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 12 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2802\4799.D Vial: 11
Acq On : 28 Mar 2002 6:27 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 9:58 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	380807	20.00	ug/l	-0.10
10) Naphthalene-d8	15.88	136	1391498	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	792853	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1104629	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	563568	20.00	ug/l	-0.15
44) Perylene-d12	37.93	264	314105	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	69732	6.29	ug/mL	0.21
Spiked Amount 5.000			Recovery = 125.80%			
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	14.60	82	571	N.D.		
13) bis(2-Chloroethoxy)methane	15.28	93	190	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.94	128	596	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	20.54	163	375	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	22.68	149	1504	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

Quantitation Report (QT Reviewed)

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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

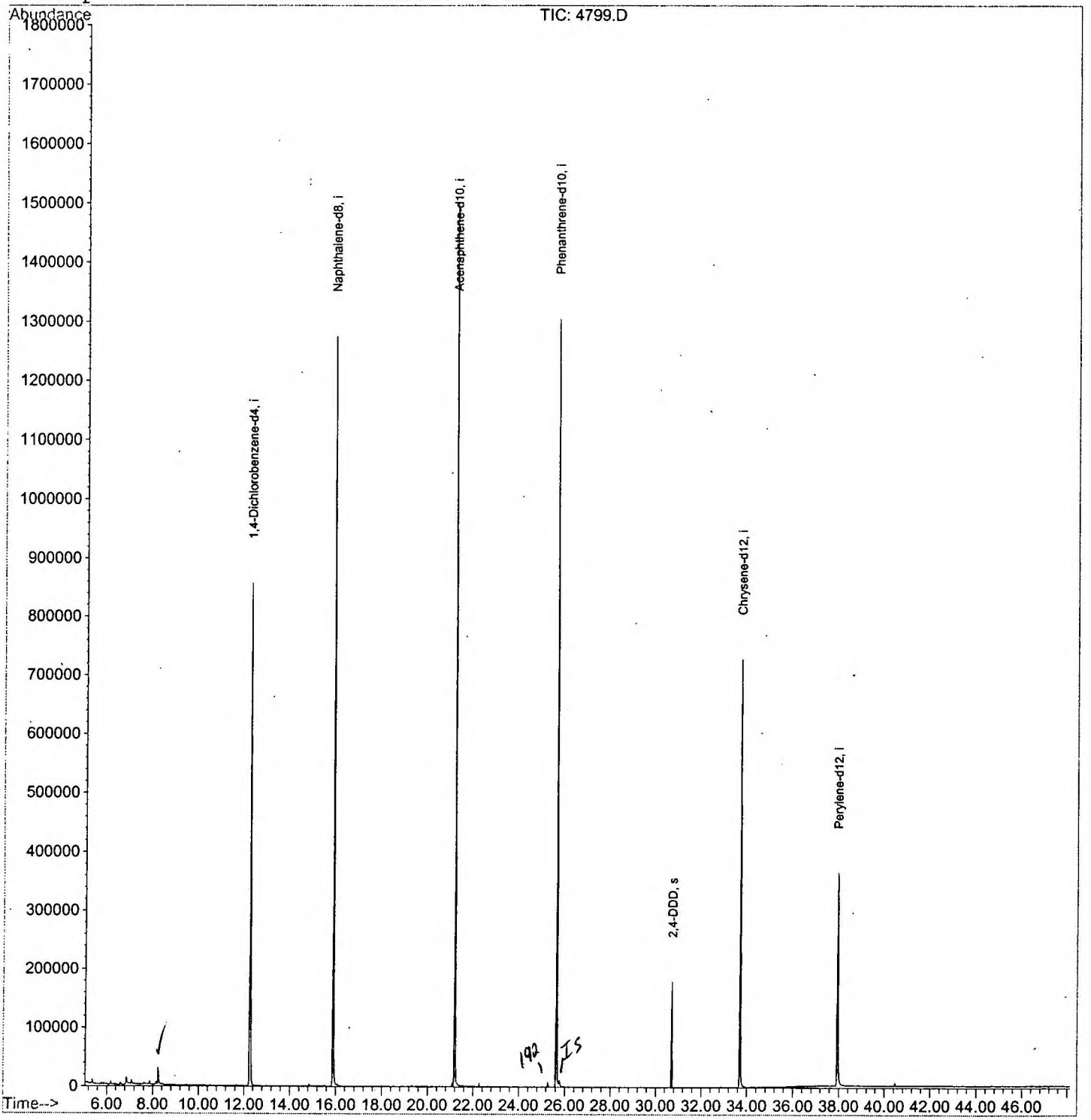
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.71	178	657	N.D.	
34)	Anthracene	25.71	178	657	N.D.	
35)	Di-n-butylphthalate	27.61	149	1260	N.D.	
36)	Fluoranthene	29.32	202	386	N.D.	
39)	Pyrene	30.01	202	203	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.70	228	1347	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.92	149	721	N.D.	
43)	Chrysene	33.70	228	1347	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	37.93	252	1271	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\MAR2802\4799.D Vial: 11
Acq On : 28 Mar 2002 6:27 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 9:58 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\MAR2802\4799.D Vial: 11
Acq On : 28 Mar 2002 6:27 pm Operator:
Sample : gc/ms scan 3/4 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

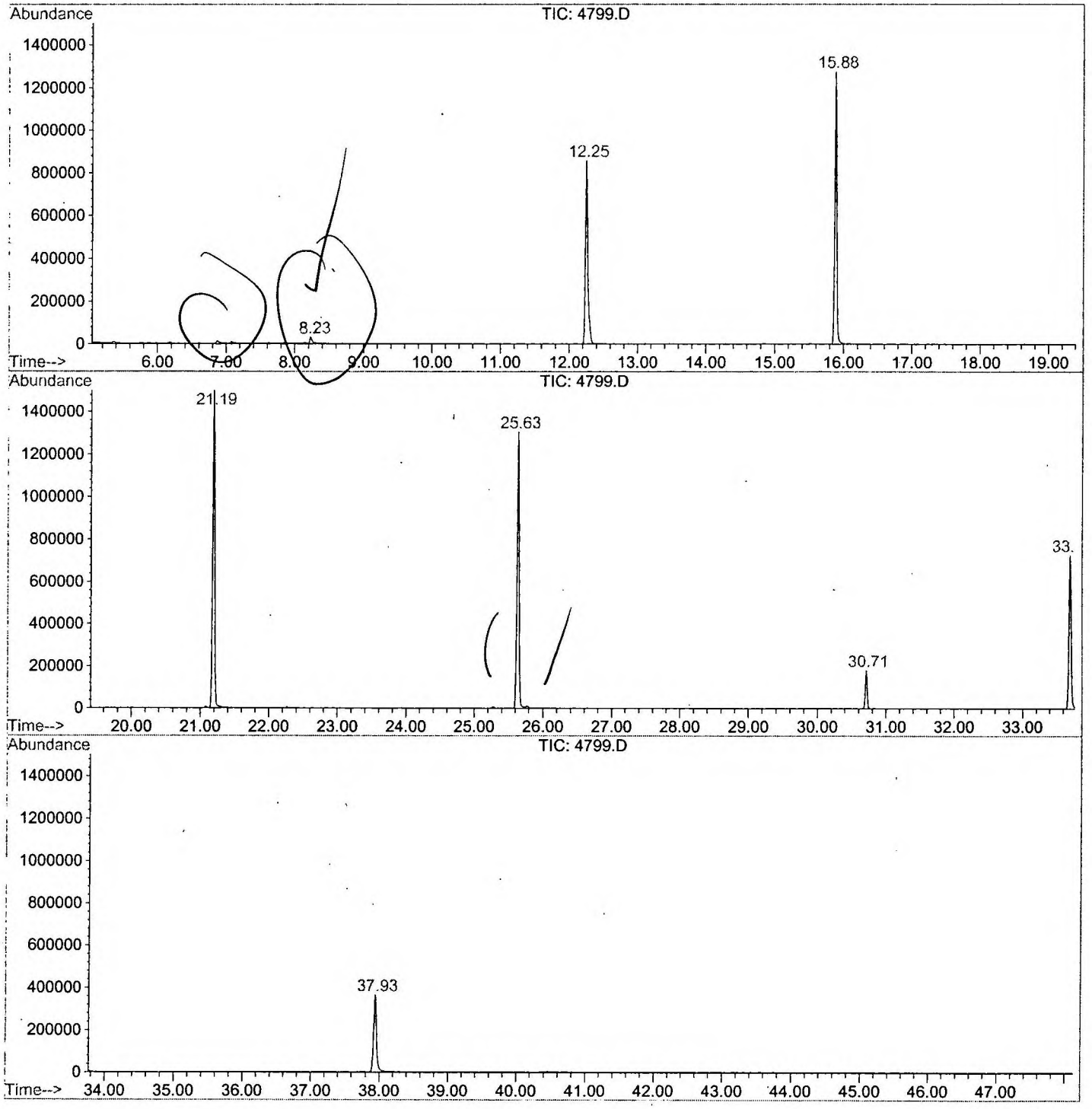
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.227	344	347	354	rBV	28773	64277	2.13%	0.473%
2	12.248	780	785	799	rBV	855191	2058162	68.16%	15.137%
3	15.884	1175	1181	1196	rBV	1273794	2632799	87.20%	19.364%
4	21.190	1753	1759	1777	rBV	1500926	3019429	100.00%	22.207%
5	25.633	2237	2243	2254	rBV2	1304211	2770687	91.76%	20.378%
6	30.710	2791	2796	2802	rVB	179723	340902	11.29%	2.507%
7	33.693	3113	3121	3135	rBV2	728704	1629615	53.97%	11.986%
8	37.935	3575	3583	3602	rBV2	362658	1080665	35.79%	7.948%

Sum of corrected areas: 13596536

4799.D GCMS0308.M Mon Apr 01 10:08:02 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2802\4799.D
Operator :
Acquired : 28 Mar 2002 6:27 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4
Misc Info :
Vial Number: 11
Quant File :GCMS0308.RES (RTE Integrator)



4799.D GCMS0308.M Mon Apr 01 10:08:07 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4799.D Vial: 11
Acq On : 28 Mar 2002 6:27 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

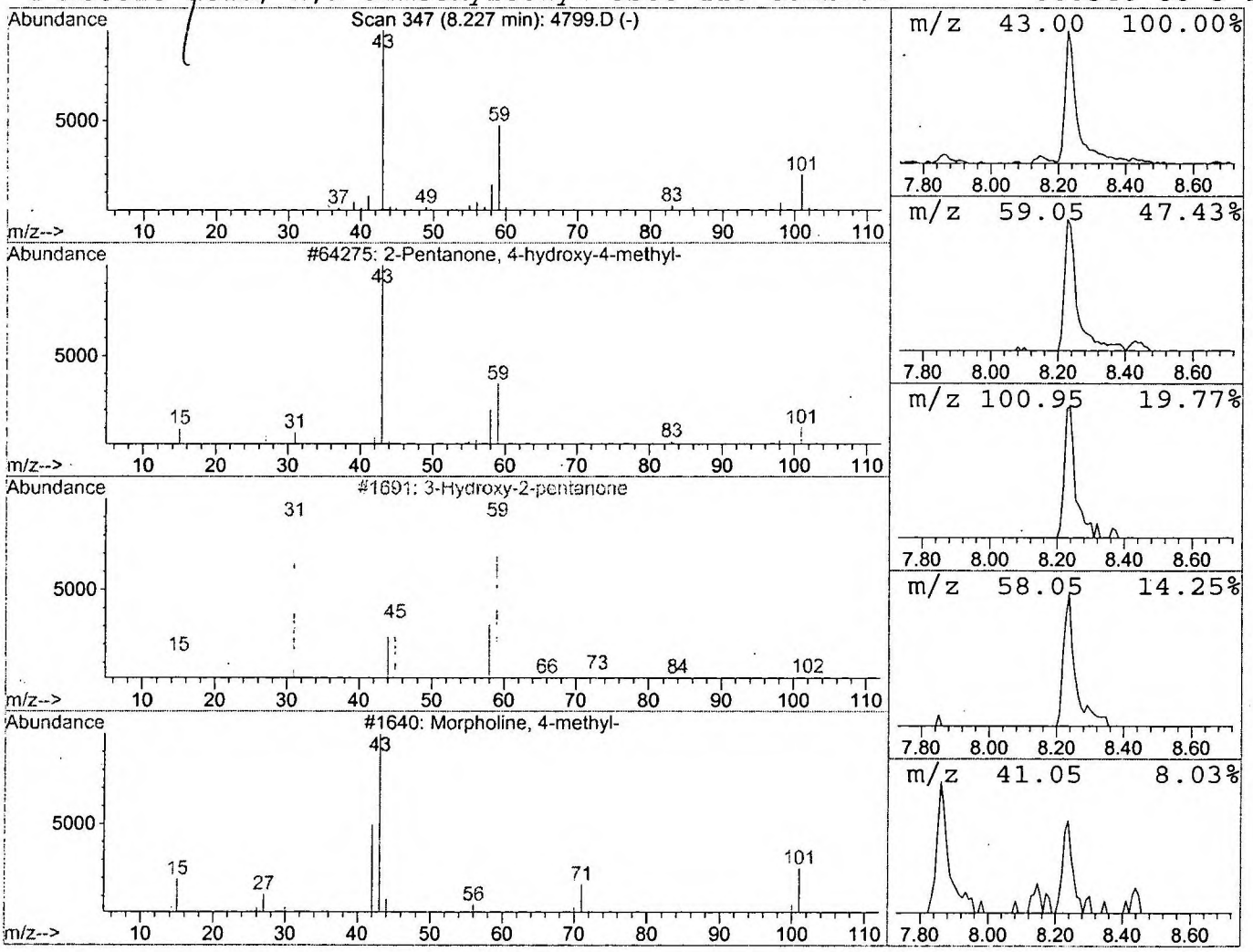
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	0.62 ug/l	64277	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	38
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 28 Mar 2002 6:27 pm
Data File: C:\HPCHEM\1\DATA\MAR2802\4799.D
Name: gc/ms scan 3/4
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	0.6	ug/l	64277	ISTD01	12.25	2058160	20.0

4799.D GCMS0308.M Mon Apr 01 10:08:16 2002