User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 12:10:57

Sample: AE09566
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/6/02 12:10 Ended: 5/6/02 12:10 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		10.0

Comments for Sample AE09566 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-06-2002 Time: 12:11:23

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0102\9566.D Vial: 5
Acq On : 1 May 2002 11:44 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 2 5:27 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	325359	40.00	ug/l	0.00
10) Naphthalene-d8	15.84	136	1200545	40.00	ug/l	-0.01
17) Acenaphthene-d10	21.14	164	648276	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	901520	40.00	ug/l	-0.01
38) Chrysene-d12	33.63	240	600891	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	373073	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.28	209	28746	9.11	ug/L	-0.01
Spiked Amount 10.000			Recovery = 91.10%			
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.	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	1223	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	0.00	178	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0102\9566.D Vial: 5
Acq On : 1 May 2002 11:44 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 2 5:27 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	27.55	149	7069	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	33.64	228	1371	N.D.	
42)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	d
43)	Chrysene	33.64	228	1371	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	37.88	252	1393	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.	

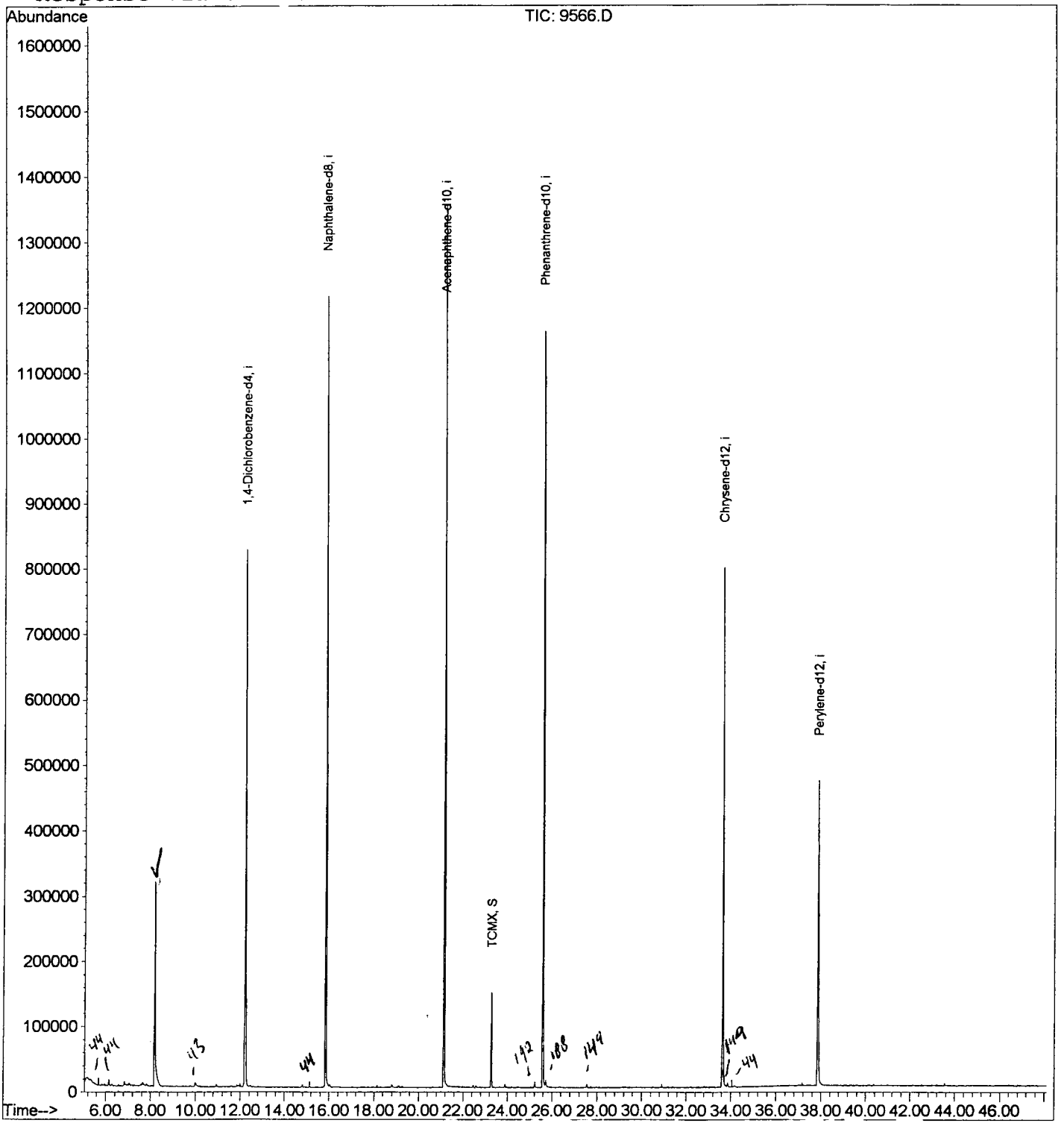
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0102\9566.D
Acq On : 1 May 2002 11:44 am
Sample : gc/ms scan 4/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 2 5:27 2002

Vial: 5
Operator:
Inst : 209
Multiplr: 1.00
Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0102\9566.D Vial: 5
Acq On : 1 May 2002 11:44 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0501.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

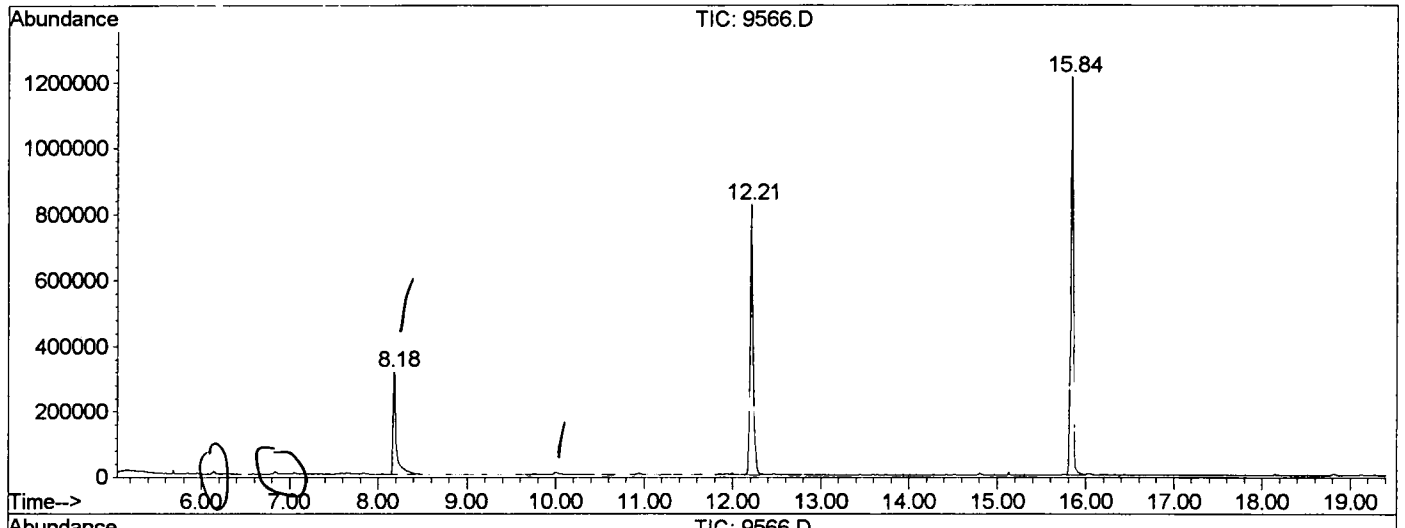
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.177	339	342	369	rBV	313317	789493	29.10%	5.683%
2	12.209	773	782	796	rBV	822794	1971925	72.68%	14.195%
3	15.838	1172	1178	1196	rBV	1209660	2463167	90.78%	17.732%
4	21.143	1750	1757	1768	rBV	1351111	2713346	100.00%	19.533%
5	23.278	1982	1990	1996	rBV	145505	290727	10.71%	2.093%
6	25.579	2235	2241	2253	rBV2	1157503	2496398	92.00%	17.971%
7	33.633	3114	3120	3138	rBV2	794769	1837666	67.73%	13.229%
8	37.867	3574	3582	3594	rBV2	467032	1328677	48.97%	9.565%

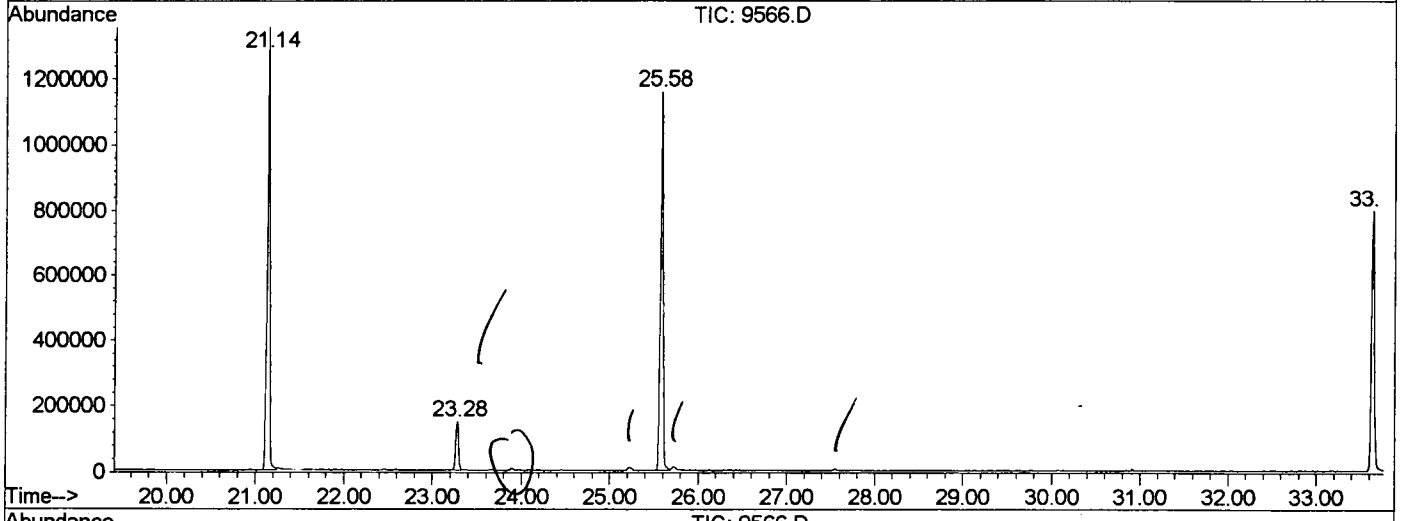
Sum of corrected areas: 13891399

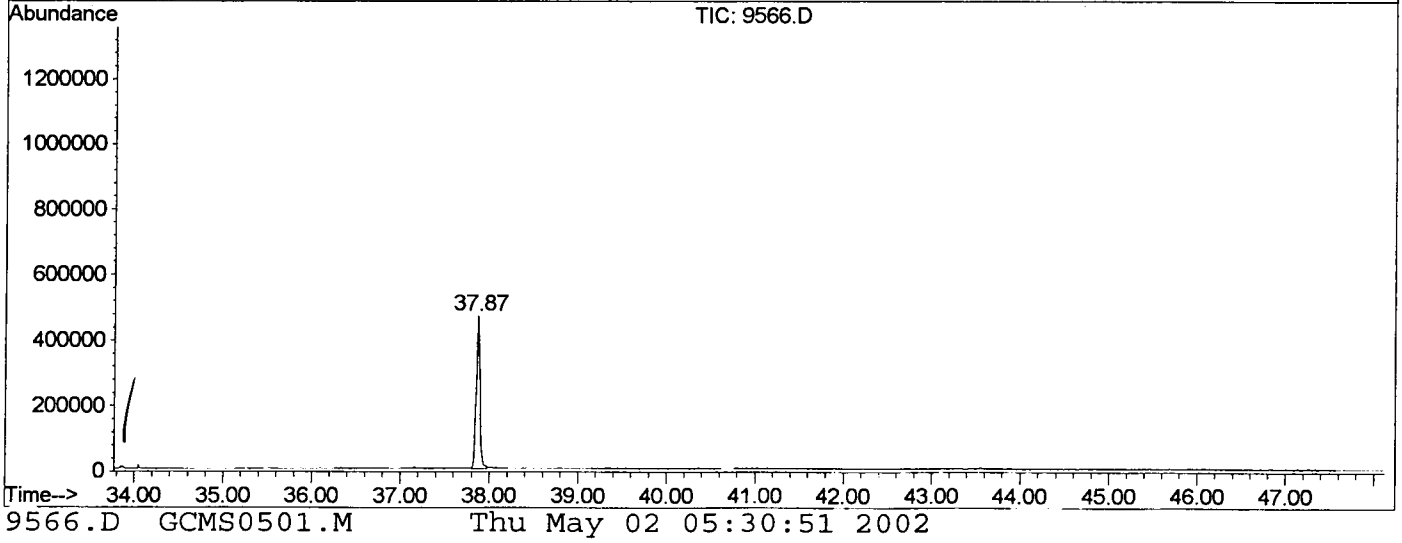
9566.D GCMS0501.M Thu May 02 05:30:50 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0102\9566.D
Operator :
Acquired : 1 May 2002 11:44 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: gc/ms scan 4/23
Misc Info :
Vial Number: 5
Quant File :GCMS0501.RES (RTE Integrator)







9566.D GCMS0501.M Thu May 02 05:30:51 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0102\9566.D Vial: 5
Acq On : 1 May 2002 11:44 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

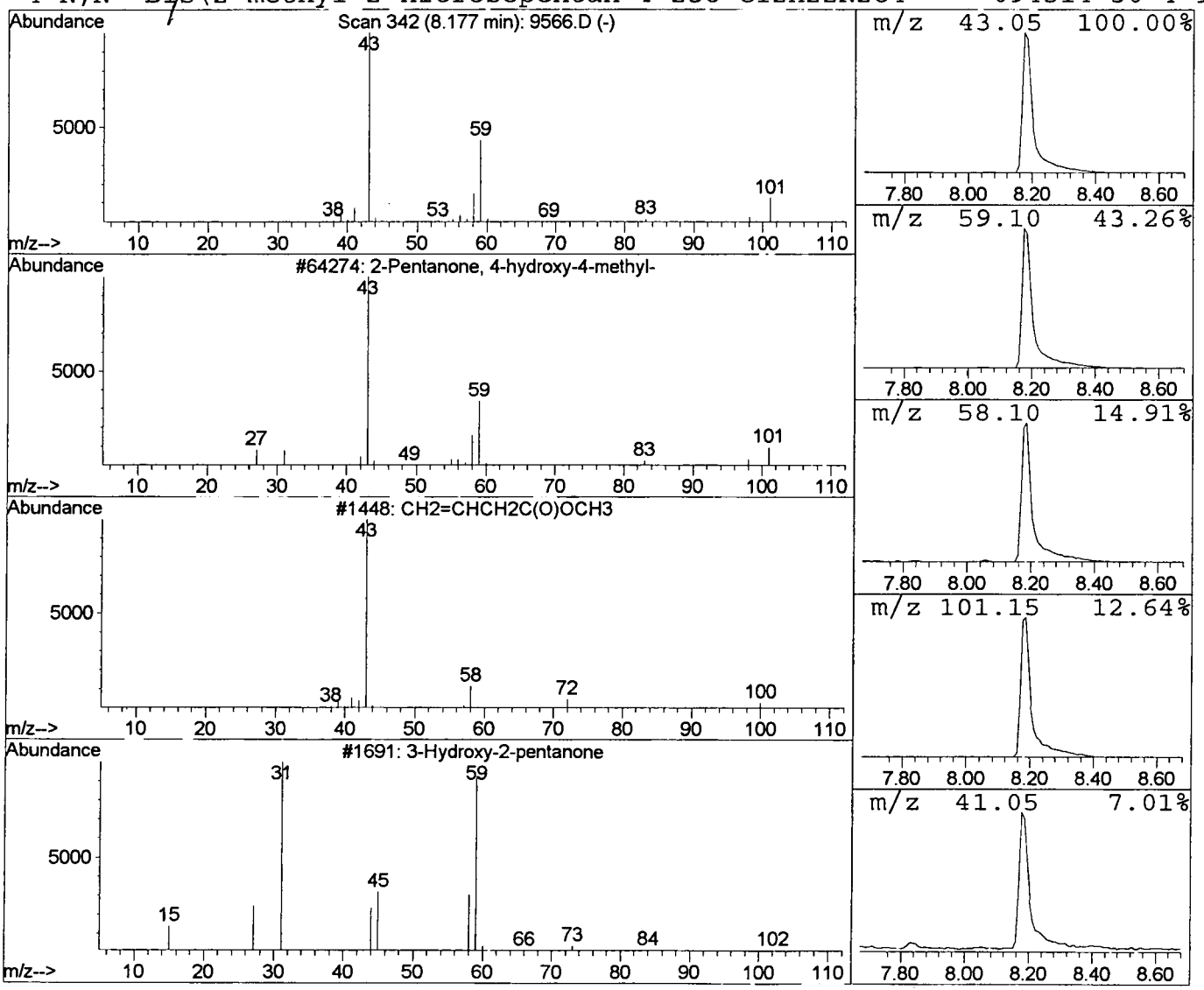
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	16.01 ug/l	789493	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	N,N'-Bis(2-methyl-2-nitrosopentan-4	258	C12H22N2O4	094514-30-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 May 2002 11:44 am
Data File: C:\HPCHEM\1\DATA\MAY0102\9566.D
Name: gc/ms scan 4/23
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0501.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	8.18	16.0	ug/l	789493	ISTD01	12.21	1971930	40.0

9566.D GCMS0501.M Thu May 02 05:30:52 2002