User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/10/2002 Time: 10:00:32

Sample: AE09098
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/10/02 10:00 Ended: 5/10/02 10:00 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		10.0

Comments for Sample AE09098 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-10-2002 Time: 10:01:01

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

Data File : C:\HPCHEM\1\DATA\MAY0602\9098.D Vial: 6
Acq On : 6 May 2002 9:13 pm Operator:
Sample : Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 9:38 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	12.20	152	541894	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	2002321	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.13	164	1089945	40.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1545546	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	945954	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	583913	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.28	209	42515	8.01	ug/L	-0.02
Spiked Amount 10.000			Recovery = 80.10%			
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	15.88	128	356	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	897	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	23.17	168	199	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.64	178	757	N.D.		

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

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Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
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	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.77	178	391	N.D.	
36)	Di-n-butylphthalate	27.55	149	4308	N.D.	
37)	Fluoranthene	29.27	202	722	N.D.	
39)	Pyrene	29.95	202	947	N.D.	
40)	Butylbenzylphthalate	32.07	149	1168	N.D.	
41)	Benzo(a)anthracene	0.00	228	0	N.D. d	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	14706	0.65 ug/l	98
43)	Chrysene	33.71	228	5846	N.D.	
45)	Di-n-Octylphthalate	35.59	149	2176	N.D.	
46)	Benzo(b)fluoranthene	36.69	252	3507	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D. d	
48)	Benzo(a)pyrene	37.67	252	4162	N.D.	
49)	Indeno(1,2,3-cd)pyrene	41.95	276	291	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	43.18	276	182	N.D.	

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

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Sample : Inst : 209
Misc : Multiplr: 1.00
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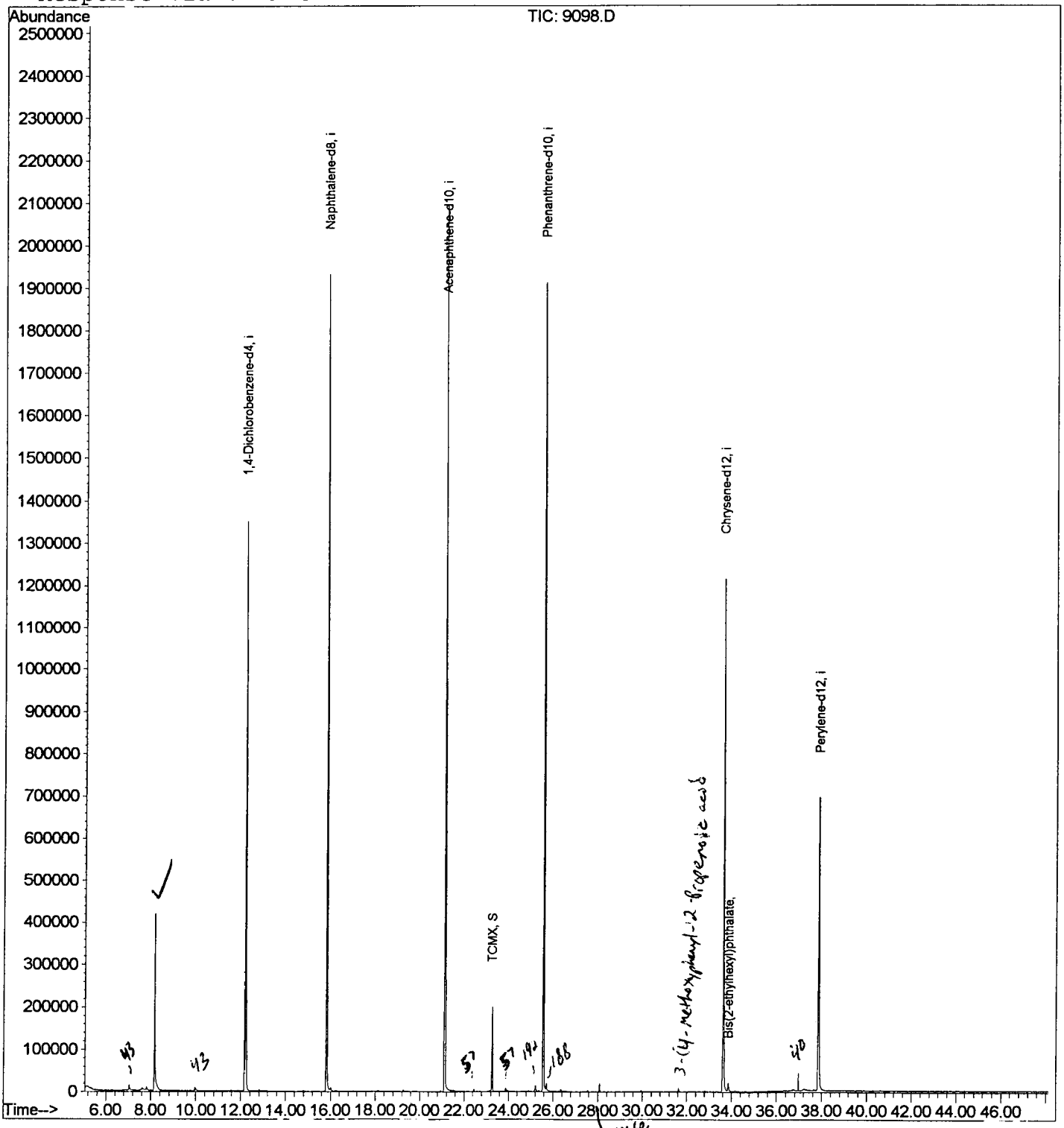
Quant Time: May 8 9:38 2002 Quant Results File: GCMS0501.RES

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



Data File : C:\HPCHEM\1\DATA\MAY0602\9098.D Vial: 6
Acq On : 6 May 2002 9:13 pm Operator:
Sample : 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

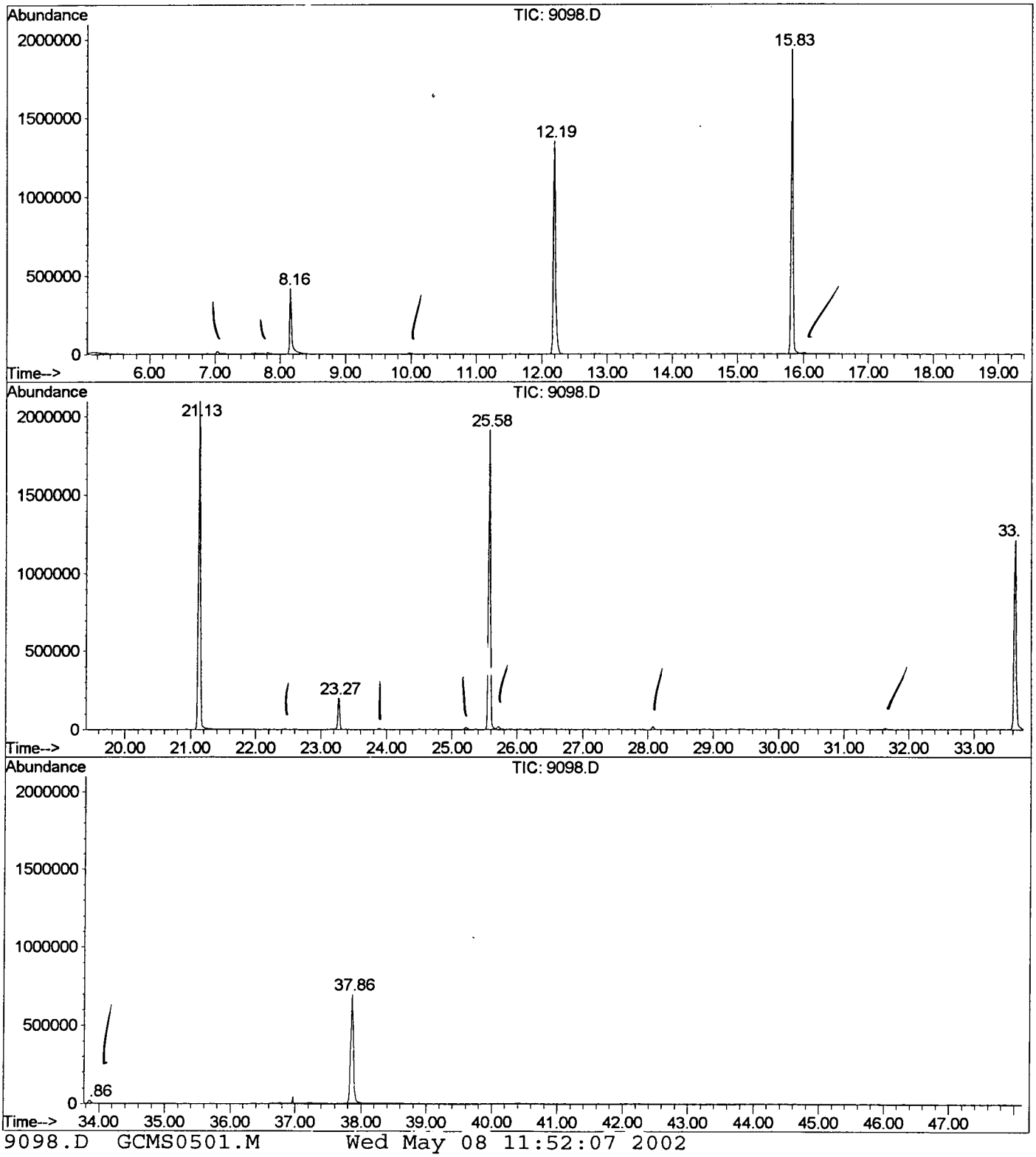
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.155	336	340	371	rBV	417333	937682	21.22%	4.266%
2	12.187	775	780	802	rVB	1350119	3106478	70.28%	14.135%
3	15.825	1171	1177	1193	rBV	1930437	3962823	89.66%	18.031%
4	21.131	1749	1756	1772	rBV	2096041	4419834	100.00%	20.110%
5	23.266	1983	1989	1996	rVB	198581	411343	9.31%	1.872%
6	25.575	2234	2241	2252	rBV2	1910864	4164549	94.22%	18.949%
7	33.639	3111	3121	3139	rBV	1215732	2873758	65.02%	13.076%
8	33.859	3139	3145	3152	rVB	18678	50618	1.15%	0.230%
9	37.864	3574	3582	3599	rBV2	692781	2050747	46.40%	9.331%

Sum of corrected areas: 21977832

9098.D GCMS0501.M Wed May 08 11:52:06 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0602\9098.D
Operator :
Acquired : 6 May 2002 9:13 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name:
Misc Info :
Vial Number: 6
Quant File :GCMS0501.RES (RTE Integrator)



9098.D GCMS0501.M Wed May 08 11:52:07 2002

Data File : C:\HPCHEM\1\DATA\MAY0602\9098.D Vial: 6
Acq On : 6 May 2002 9:13 pm Operator:
Sample : Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

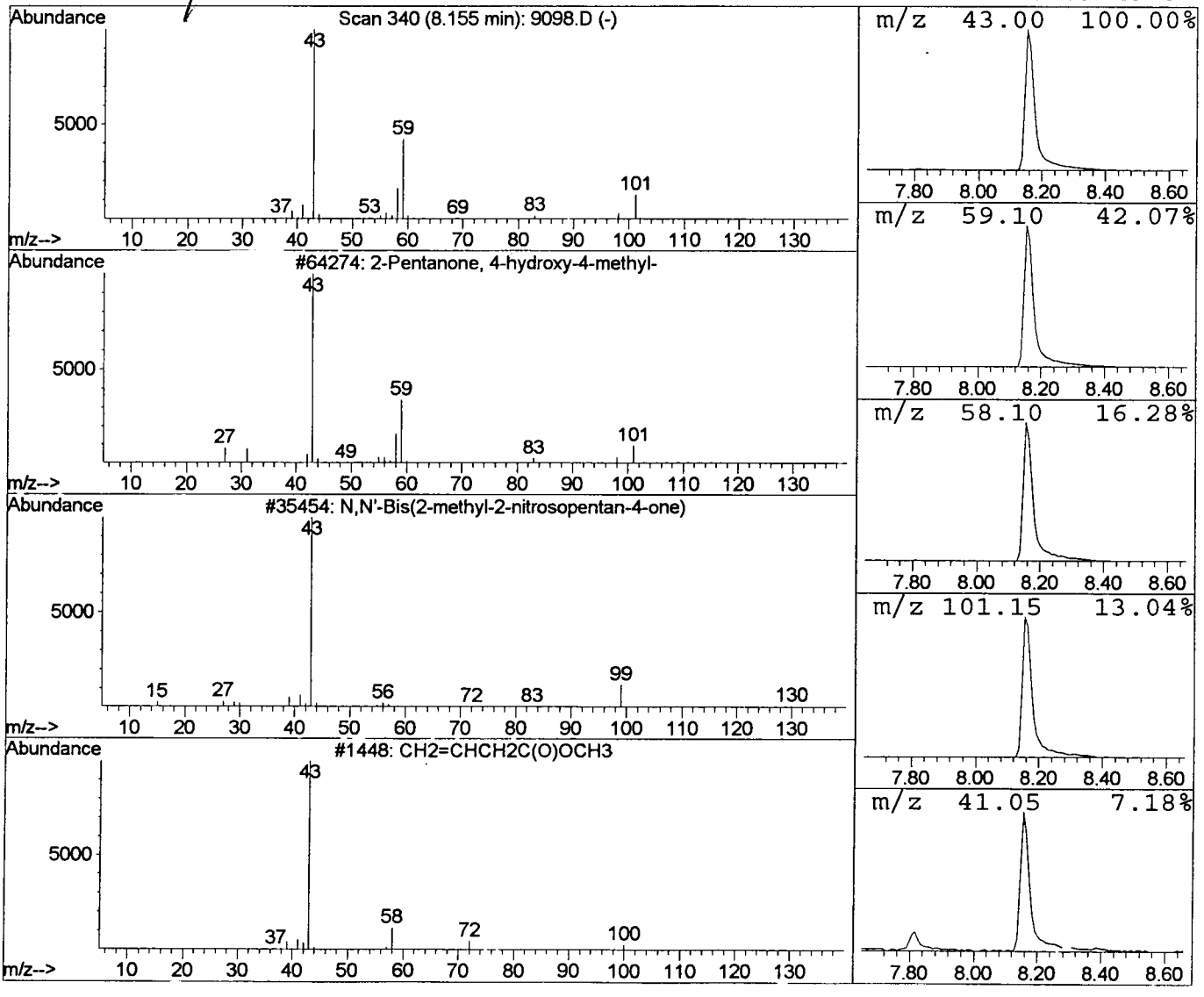
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	12.07 ug/l	937682	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	N,N'-Bis(2-methyl-2-nitrosopentan-4	258	C12H22N2O4	094514-30-4	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 6 May 2002 9:13 pm
Data File: C:\HPCHEM\1\DATA\MAY0602\9098.D
Name:
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	8.16	12.1	ug/l	937682	ISTD01	12.20	3106480	40.0

9098.D GCMS0501.M Wed May 08 11:52:08 2002