NYC 9/11 Public Portal Document

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/10/2002 Time: 09:36:58

Sample: AE09652
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/10/02 09:36 Ended: 5/10/02 09:36 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		72		10.0

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Comments for Sample AE09652 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-10-2002 Time: 09:37:07

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

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Data File : C:\HPCHEM\1\DATA\MAY0602\9652.D Vial: 10
Acq On : 7 May 2002 1:07 am Operator:
Sample : GC/MS SCAN 4/24 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 9:47 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	12.19	152	523826	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1929743	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	1056650	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1473812	40.00	ug/l	-0.01
38) Chrysene-d12	33.63	240	889130	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	532270	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.27	209	37022	7.20	ug/L	-0.02
Spiked Amount 10.000			Recovery = 72.00%			
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	15.88	128	188	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	461	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	25.58	178	458	N.D.		

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

NYC-WTC_000043574

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Sample : GC/MS SCAN 4/24 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 9:47 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	25.58	178	458	N.D.	
36)	Di-n-butylphthalate	27.55	149	3996	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	2249	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.85	149	6947	0.33 ug/l	99
43)	Chrysene	33.63	228	2149	N.D.	
45)	Di-n-Octylphthalate	35.59	149	263	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	2074	N.D.	
47)	Benzo(k)fluoranthene	36.75	252	1311	N.D.	
48)	Benzo(a)pyrene	37.68	252	582	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.	

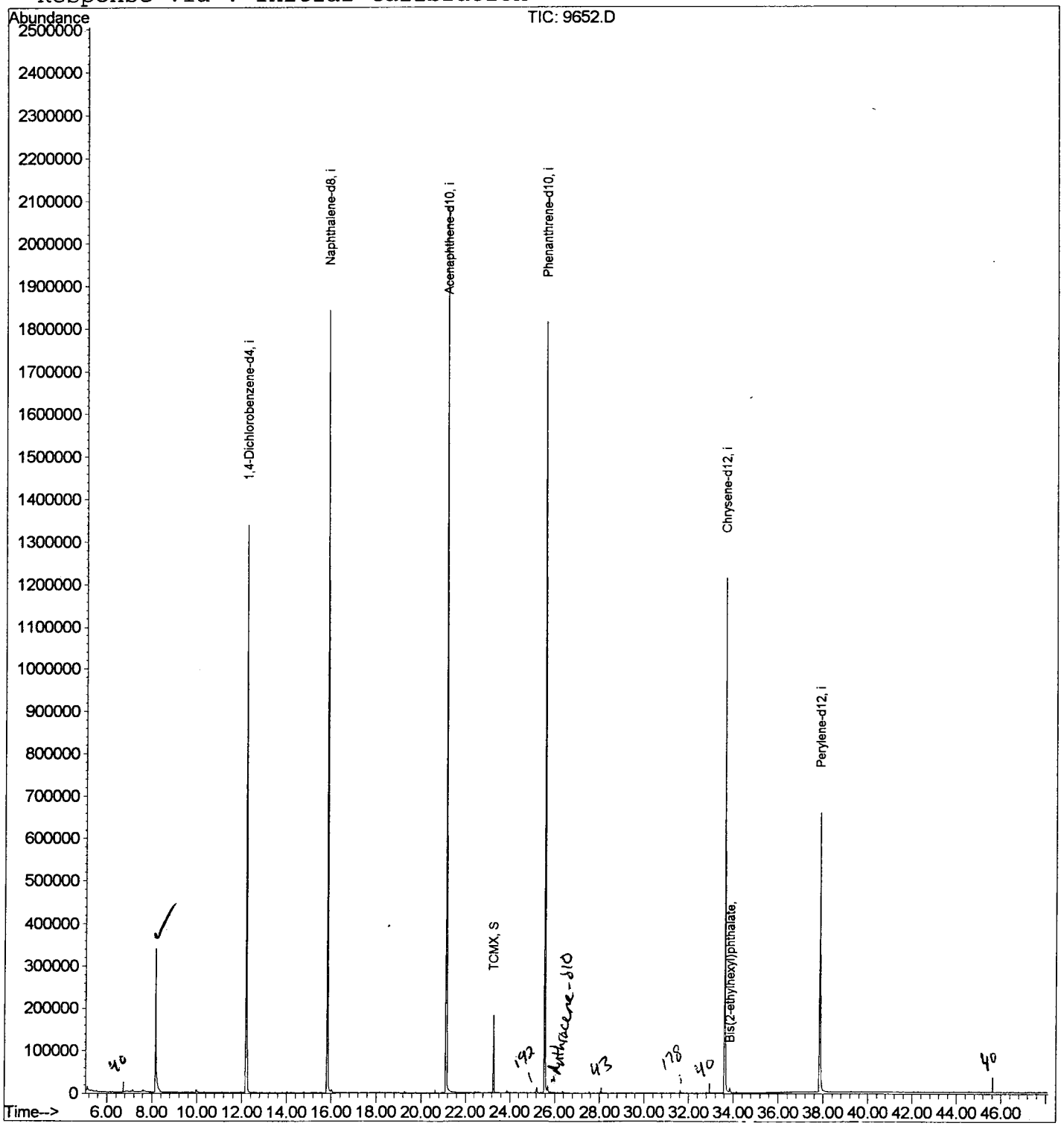
(#) = qualifier out of range (m) = manual integration

NYC-WTC_000043575

NYC 9/11 Public Portal Document

Data File : C:\HPCHEM\1\DATA\MAY0602\9652.D Vial: 10
Acq On : 7 May 2002 1:07 am Operator:
Sample : GC/MS SCAN 4/24 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 9:47 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



NYC-WTC_000043576

NYC 9/11 Public Portal Document

Data File : C:\HPCHEM\1\DATA\MAY0602\9652.D Vial: 10
Acq On : 7 May 2002 1:07 am Operator:
Sample : GC/MS SCAN 4/24 FB 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	8.160	336	340	373	rVB	337769	794108	18.59%	3.832%
2	12.192	774	780	797	rBV	1338239	3001311	70.27%	14.482%
3	15.829	1171	1177	1193	rBV	1841265	3811888	89.25%	18.393%
4	21.135	1749	1756	1774	rBV	2086735	4270920	100.00%	20.608%
5	23.270	1982	1989	1994	rBV	182159	353661	8.28%	1.707%
6	25.580	2234	2241	2251	rBV2	1813453	3940034	92.25%	19.012%
7	33.634	3113	3120	3138	rBV2	1213856	2672334	62.57%	12.895%
8	37.859	3573	3581	3604	rBV2	656417	1880077	44.02%	9.072%

Sum of corrected areas: 20724333

9652.D GCMS0501.M Wed May 08 11:52:16 2002

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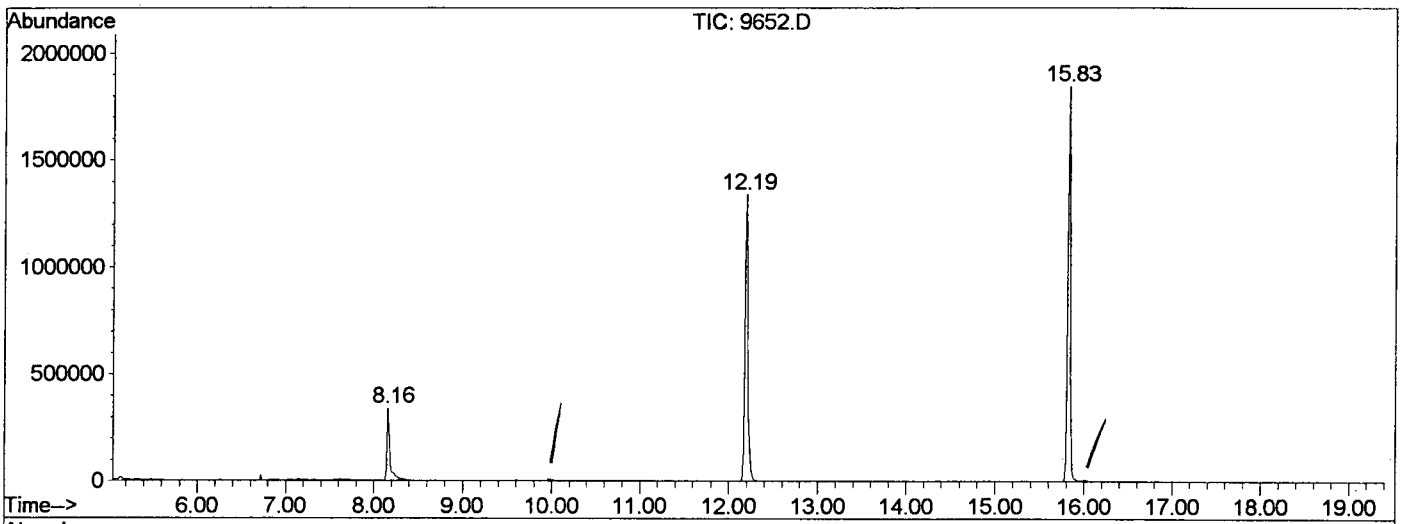
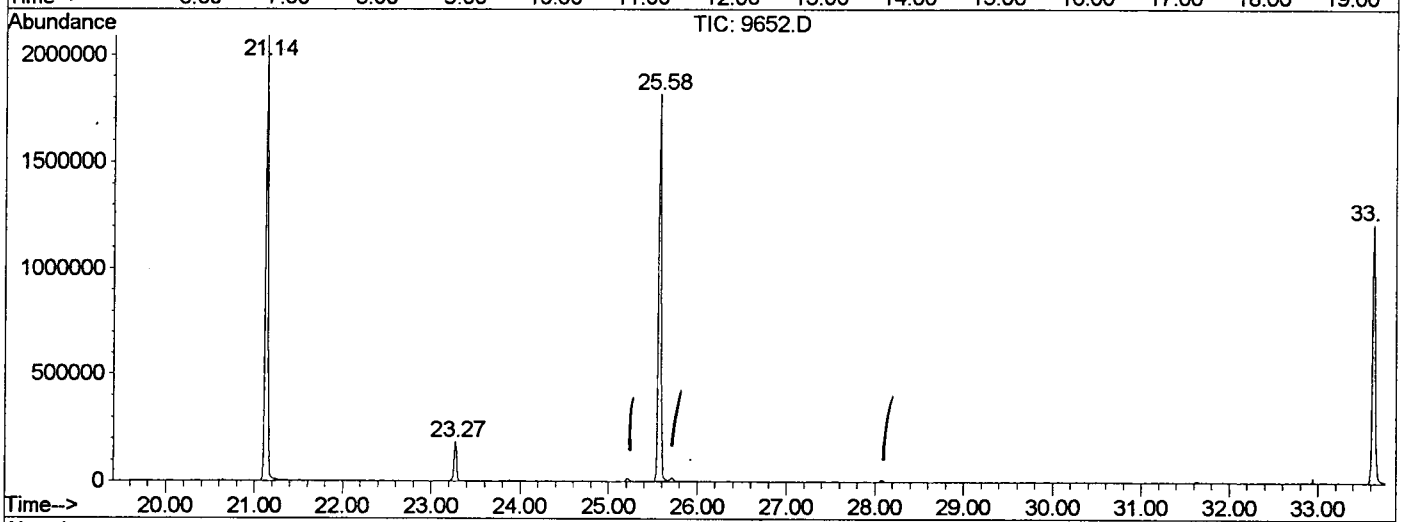
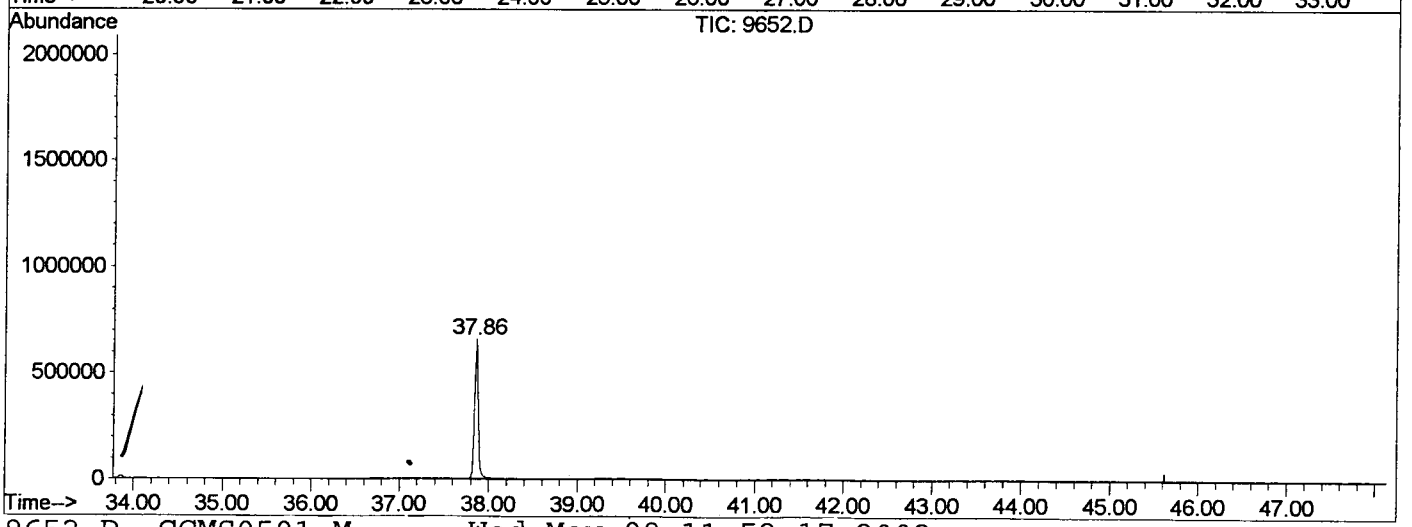
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0602\9652.D
Operator :
Acquired : 7 May 2002 1:07 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/24 FB
Misc Info :
Vial Number: 10
Quant File :GCMS0501.RES (RTE Integrator)







9652.D GCMS0501.M Wed May 08 11:52:17 2002

NYC-WTC_000043578

Data File : C:\HPCHEM\1\DATA\MAY0602\9652.D Vial: 10
Acq On : 7 May 2002 1:07 am Operator:
Sample : GC/MS SCAN 4/24 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

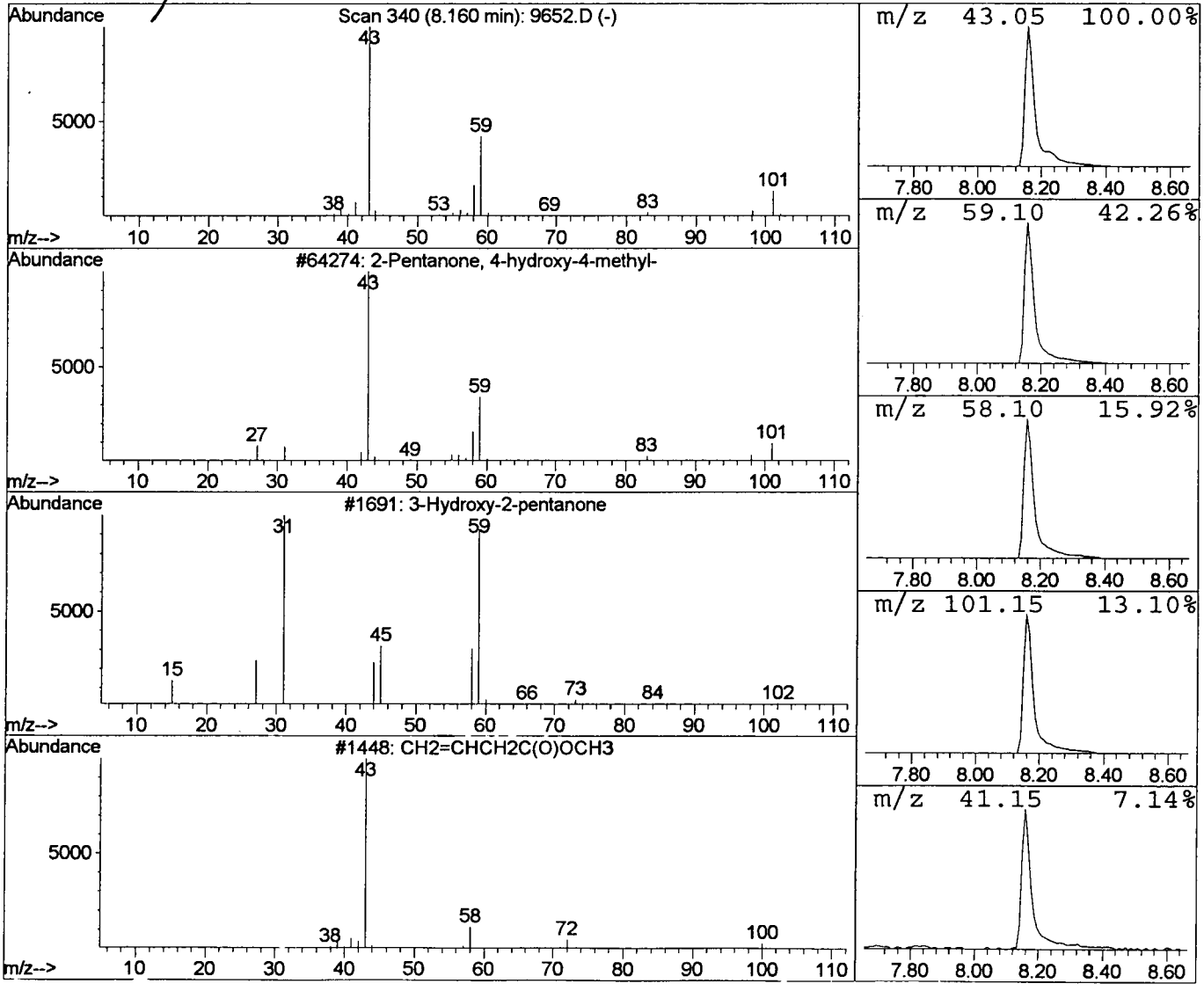
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	10.58 ug/l	794108	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	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



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Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 7 May 2002 1:07 am
Data File: C:\HPCHEM\1\DATA\MAY0602\9652.D
Name: GC/MS SCAN 4/24 FB
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	10.6	ug/l	794108	ISTD01	12.19	3001310	40.0

9652.D GCMS0501.M Wed May 08 11:52:18 2002