User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/21/2002 Time: 11:29:28

Sample: AE10890
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/21/02 11:27 Ended: 5/21/02 11:27 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		105		10.0

Comments for Sample AE10890 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-21-2002 Time: 11:29:52

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\MAY1502\10890.D Vial: 8
Acq On : 15 May 2002 8:55 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 17 10:00 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	350264	40.00	ug/l	-0.04
10) Naphthalene-d8	15.79	136	1397200	40.00	ug/l	-0.05
17) Acenaphthene-d10	21.09	164	663702	40.00	ug/l	-0.05
30) Phenanthrene-d10	25.54	188	928993	40.00	ug/l	-0.04
38) Chrysene-d12	33.60	240	560670	40.00	ug/l	-0.04
44) Perylene-d12	37.84	264	327205	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.24	209	139028	42.11	ug/L	-0.04
Spiked Amount 40.000			Recovery = 105.28%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	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-Nitrosodi-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	15.85	128	1012	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	19.38	162	280	N.D.		
20) Dimethylphthalate	20.45	163	403	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.63	152	573	N.D.		
23) Acenaphthene	21.18	153	510	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.59	149	1366	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	22.72	166	435	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.24	168	331	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.60	178	1052	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 15 May 2002 8:55 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 17 10:00 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

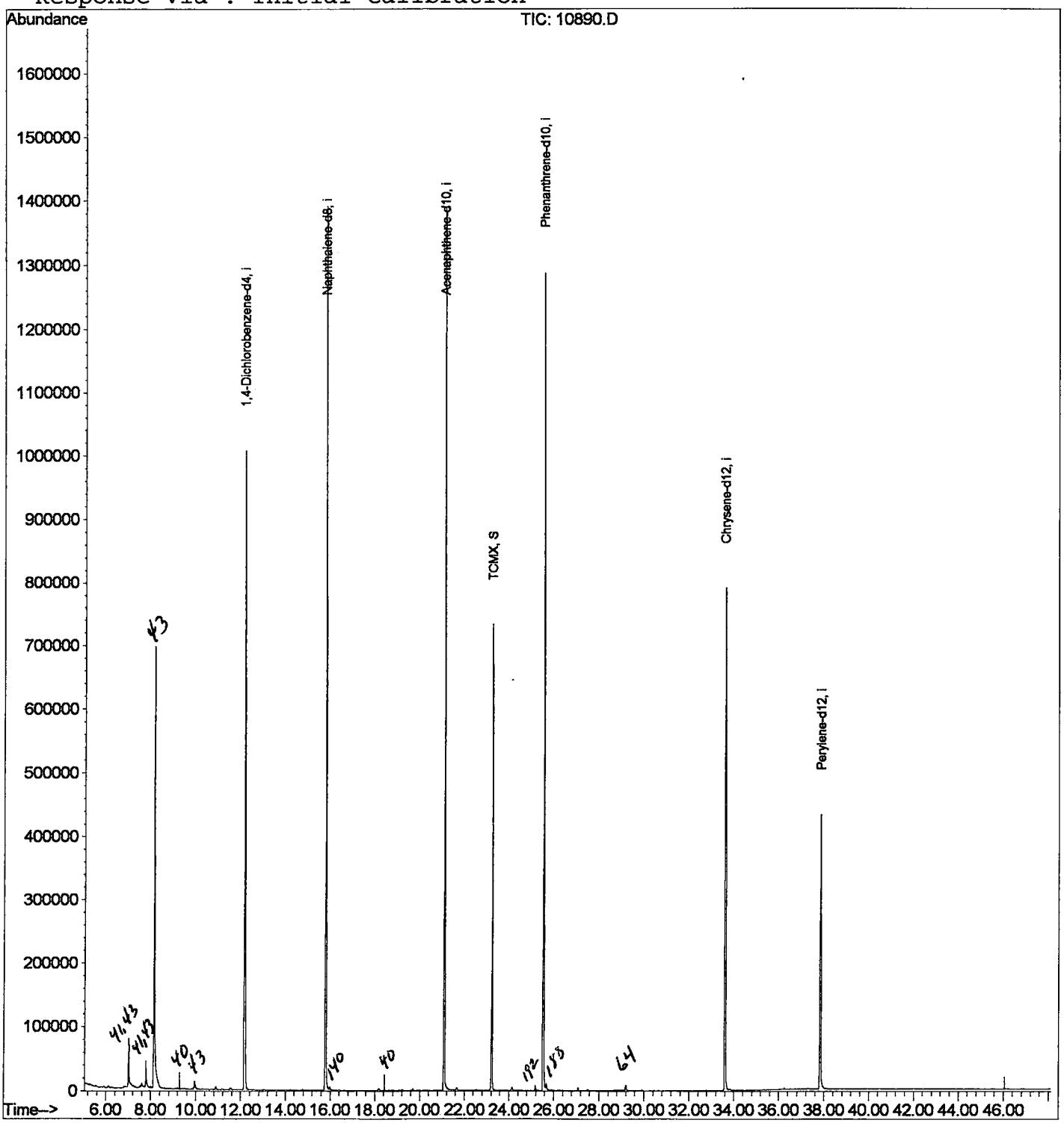
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.74	178	194	N.D.	
36) Di-n-butylphthalate	27.52	149	2146	N.D.	
37) Fluoranthene	29.24	202	1642	N.D.	
39) Pyrene	29.91	202	1361	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.60	228	1430	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.84	149	1037	N.D.	
43) Chrysene	33.67	228	228	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	37.84	252	1249	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\MAY1502\10890.D Vial: 8
Acq On : 15 May 2002 8:55 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 17 10:00 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10890.D Vial: 8
Acq On : 15 May 2002 8:55 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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

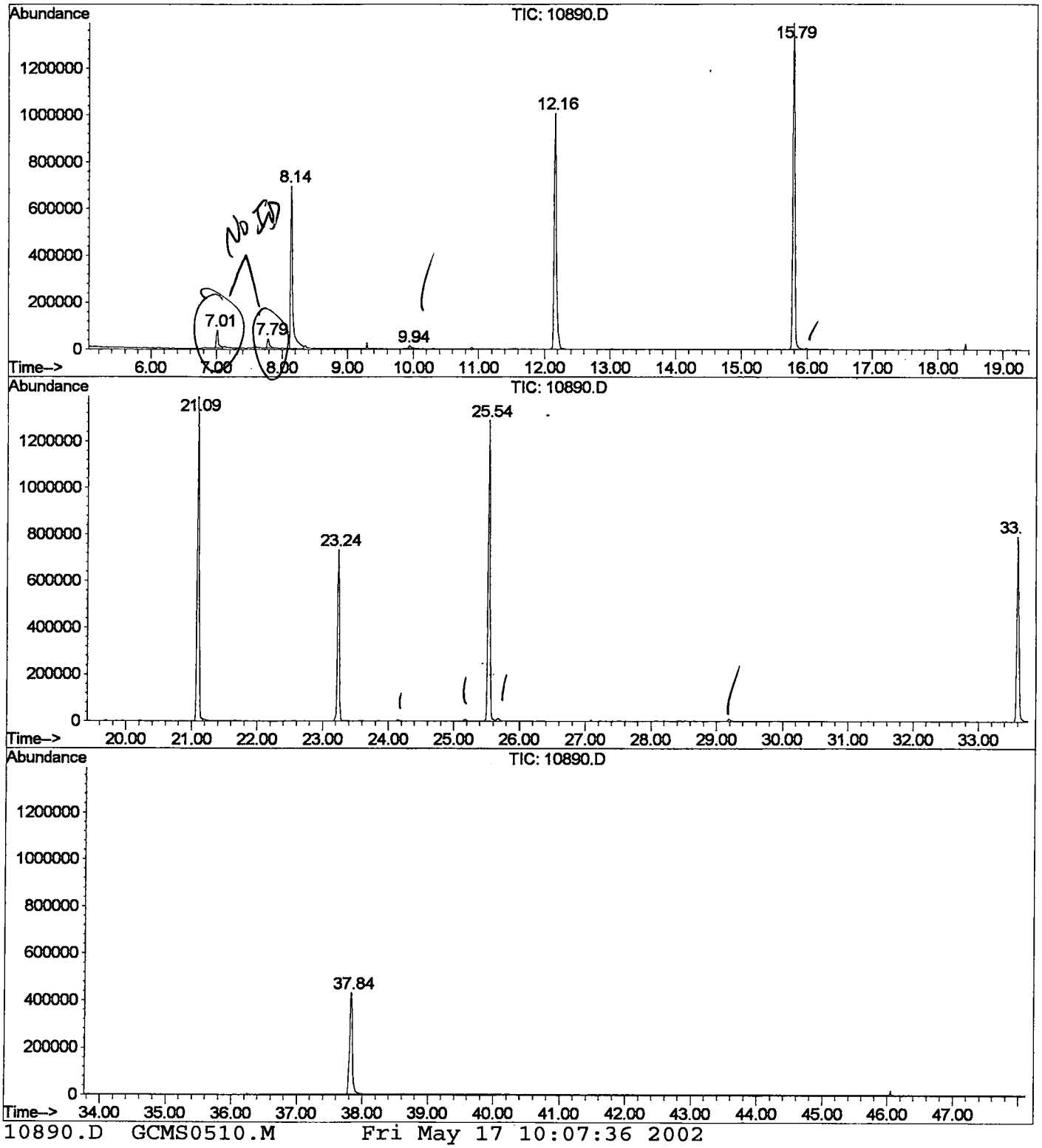
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.009	211	215	224	rBV	74945	156353	5.38%	0.921%
2	7.788	296	300	313	rVB	40723	88851	3.06%	0.524%
3	8.136	334	338	359	rBV	693395	1528238	52.58%	9.007%
4	9.941	531	535	546	rVB	11657	31085	1.07%	0.183%
5	12.159	772	777	793	rVB	1005410	2238924	77.02%	13.195%
6	15.787	1167	1173	1190	rBV	1390038	2906767	100.00%	17.131%
7	21.093	1746	1752	1761	rBV	1388359	2856416	98.27%	16.834%
8	23.237	1978	1986	1995	rBV	732869	1461424	50.28%	8.613%
9	25.538	2230	2237	2247	rBV2	1286894	2647140	91.07%	15.601%
10	33.602	3111	3117	3132	rBV2	790252	1809931	62.27%	10.667%
11	37.835	3571	3579	3598	rBV	429266	1242601	42.75%	7.323%

Sum of corrected areas: 16967730

10890.D GCMS0510.M Fri May 17 10:07:35 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1502\10890.D
Operator :
Acquired : 15 May 2002 8:55 pm using AcqMethod GCMS0510
Instrument : 209
Sample Name: GC/MS SCAN 5/10
Misc Info :
Vial Number: 8
Quant File :GCMS0510.RES (RTE Integrator)



10890.D GCMS0510.M Fri May 17 10:07:36 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10890.D Vial: 8
Acq On : 15 May 2002 8:55 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

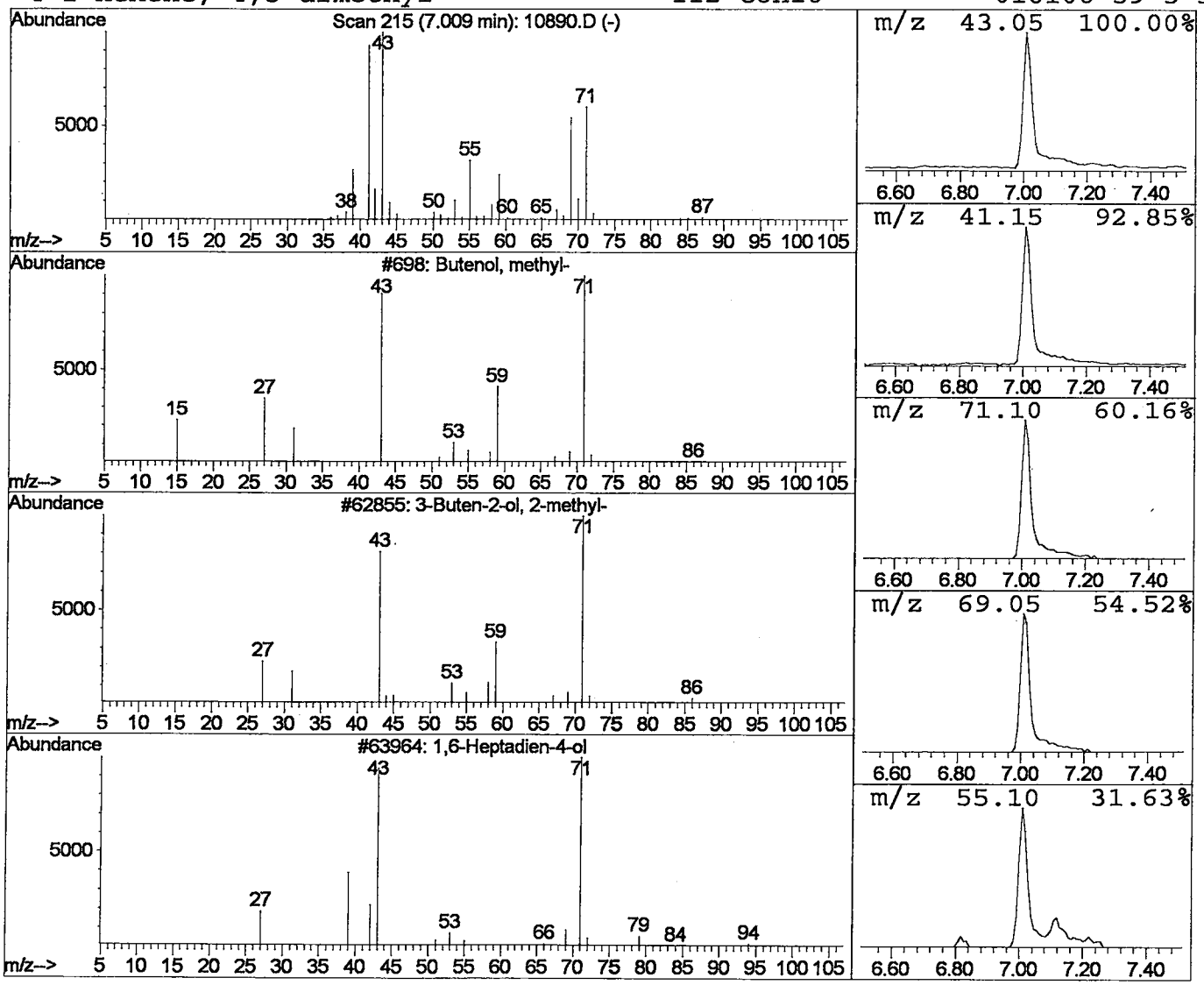
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Butenol, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	2.79 ug/l	156353	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butenol, methyl-	86	C5H10O	060766-00-9	40
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	40
3	1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	37
4	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10890.D Vial: 8
Acq On : 15 May 2002 8:55 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

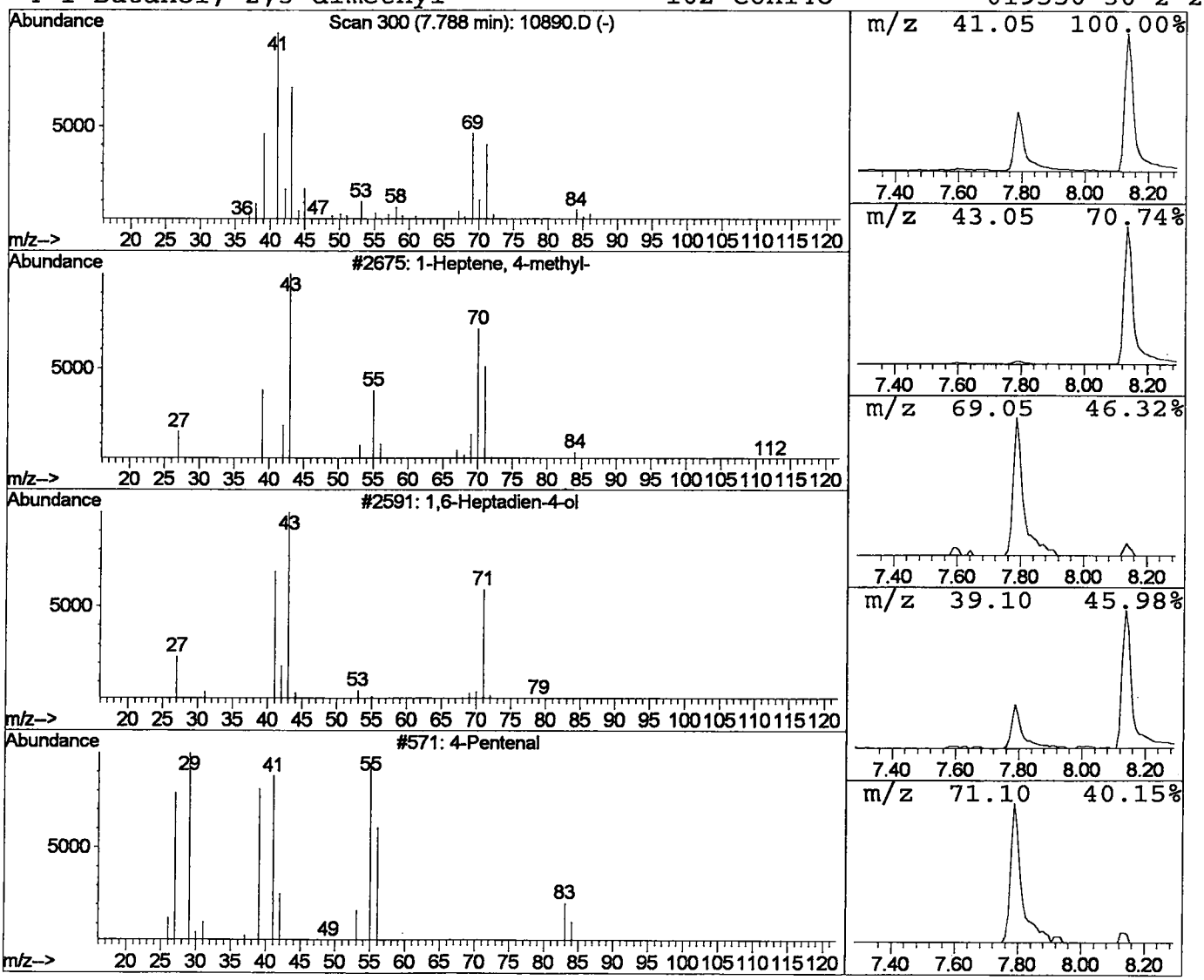
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Heptene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	1.59 ug/l	88851	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	38
2	1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	25
3	4-Pentenal	84	C5H8O	002100-17-6	25
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10890.D Vial: 8
Acq On : 15 May 2002 8:55 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

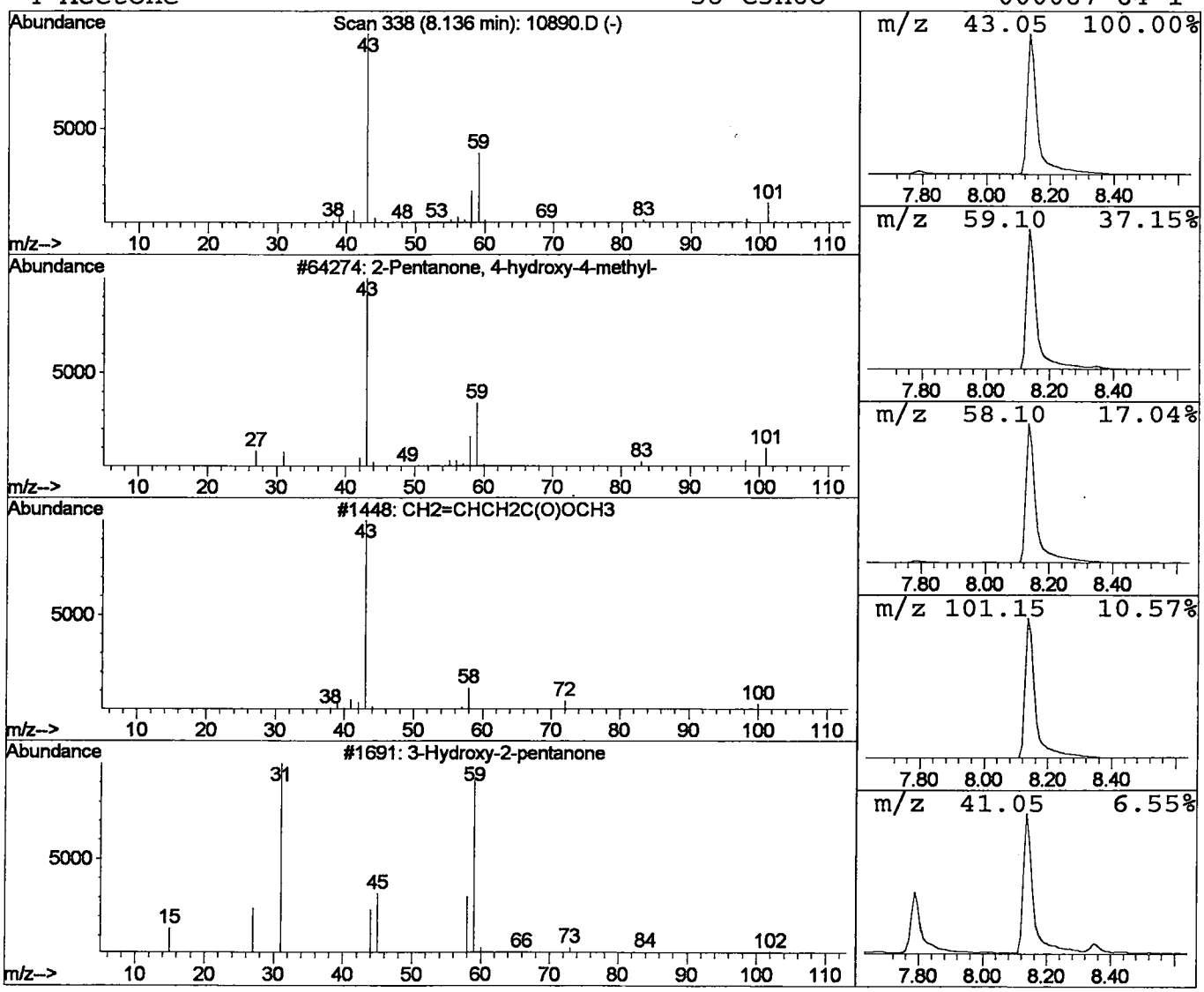
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	27.30 ug/l	1528240	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	7
4	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10890.D Vial: 8
Acq On : 15 May 2002 8:55 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

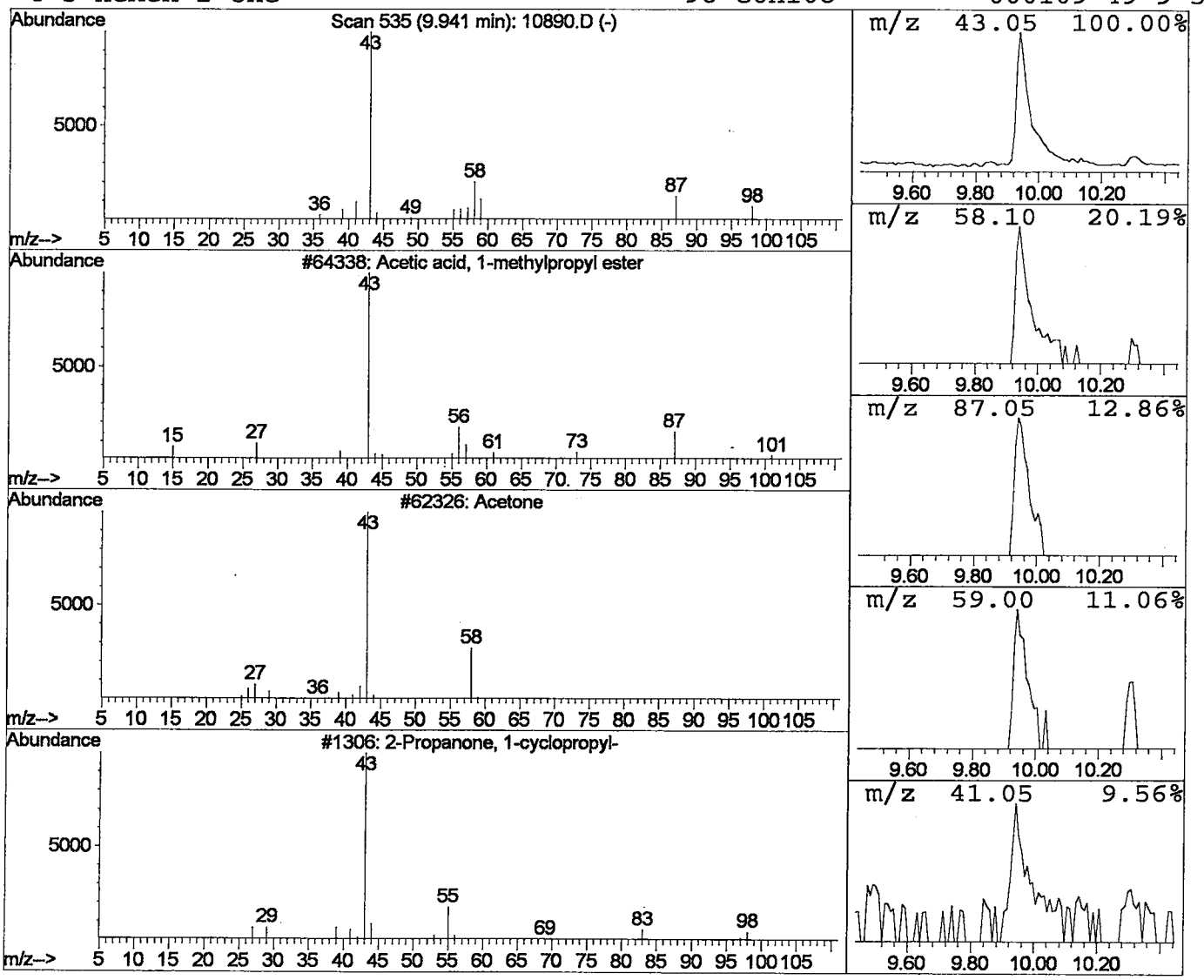
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Acetic acid, 1-methylpropyl es Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	0.56 ug/l	31085	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1-methylpropyl ester	116	C6H12O2	000105-46-4	9
2	Acetone	58	C3H6O	000067-64-1	7
3	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	5
4	5-Hexen-2-one	98	C6H10O	000109-49-9	5



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 15 May 2002 8:55 pm
Data File: C:\HPCHEM\1\DATA\MAY1502\10890.D
Name: GC/MS SCAN 5/10
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.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
Butenol, methyl-	7.01	2.8	ug/l	156353	ISTD01	12.16	2238920	40.0
1-Heptene, 4-methyl-	7.79	1.6	ug/l	88851	ISTD01	12.16	2238920	40.0
2-Pentanone, 4-hydro	8.14	27.3	ug/l	1528240	ISTD01	12.16	2238920	40.0
Acetic acid, 1-methy	9.94	0.6	ug/l	31085	ISTD01	12.16	2238920	40.0

10890.D GCMS0510.M Fri May 17 10:07:40 2002