User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/21/2002 Time: 11:31:00

Sample: AE10891
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/21/02 11:30 Ended: 5/21/02 11:30 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		99		10.0

Comments for Sample AE10891 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-21-2002 Time: 11:31:30

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\10891.D Vial: 9
Acq On : 15 May 2002 9:54 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 17 10:09 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	388782	40.00	ug/l	-0.03
10) Naphthalene-d8	15.79	136	1551226	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.10	164	738470	40.00	ug/l	-0.04
30) Phenanthrene-d10	25.54	188	1057138	40.00	ug/l	-0.03
38) Chrysene-d12	33.61	240	690841	40.00	ug/l	-0.03
44) Perylene-d12	37.83	264	435974	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.24	209	145246	39.54	ug/L	-0.03
Spiked Amount 40.000			Recovery = 98.85%			
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	153	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	22.58	149	517	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.25	168	443	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.54	178	277	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1502\10891.D Vial: 9
Acq On : 15 May 2002 9:54 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 17 10:09 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

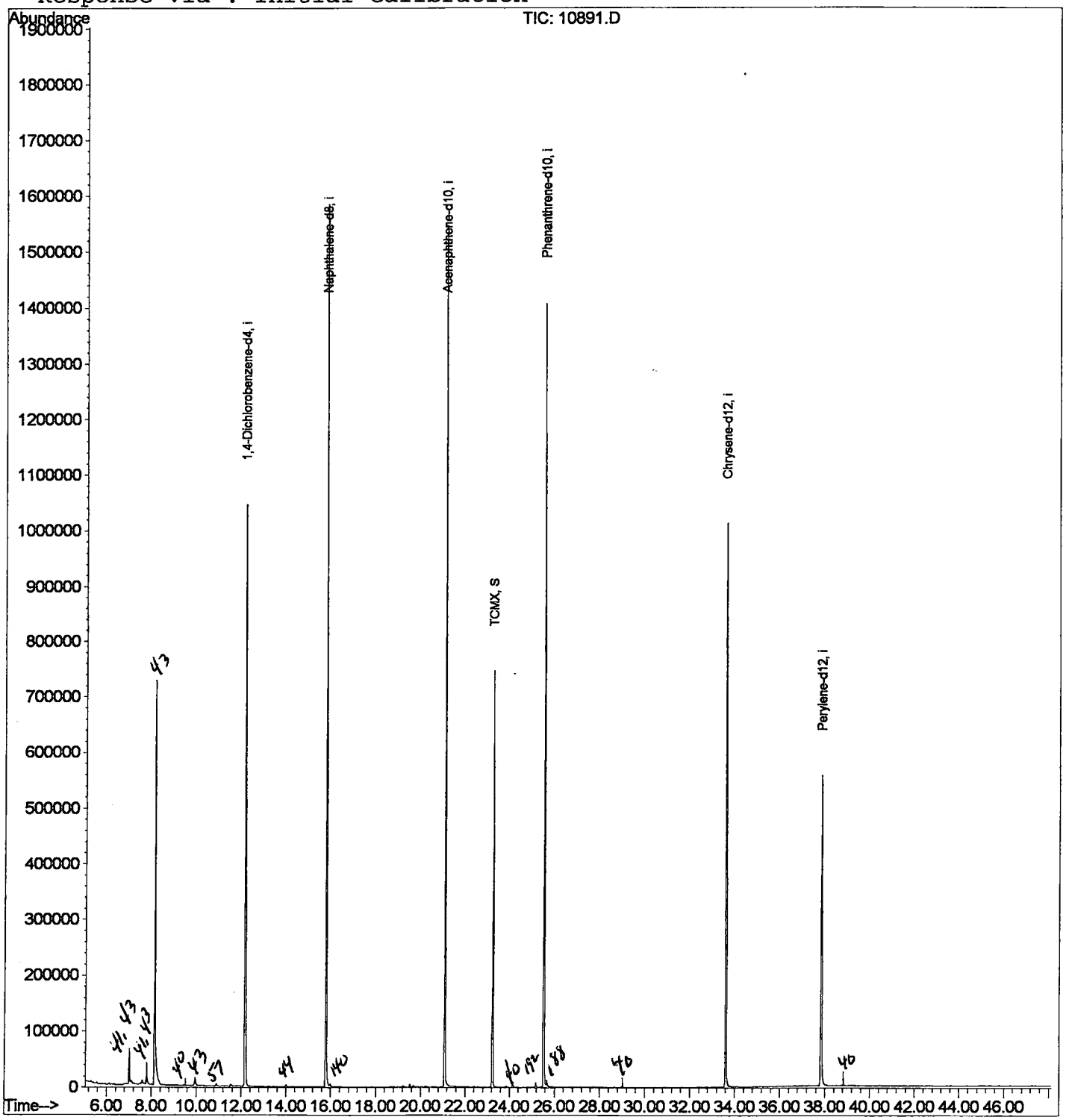
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.54	178	277	N.D.	
36)	Di-n-butylphthalate	27.52	149	1291	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.61	228	1691	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.83	149	488	N.D.	
43)	Chrysene	33.61	228	1691	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	37.83	252	1743	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\10891.D Vial: 9
Acq On : 15 May 2002 9:54 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 17 10:09 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\10891.D Vial: 9
Acq On : 15 May 2002 9:54 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

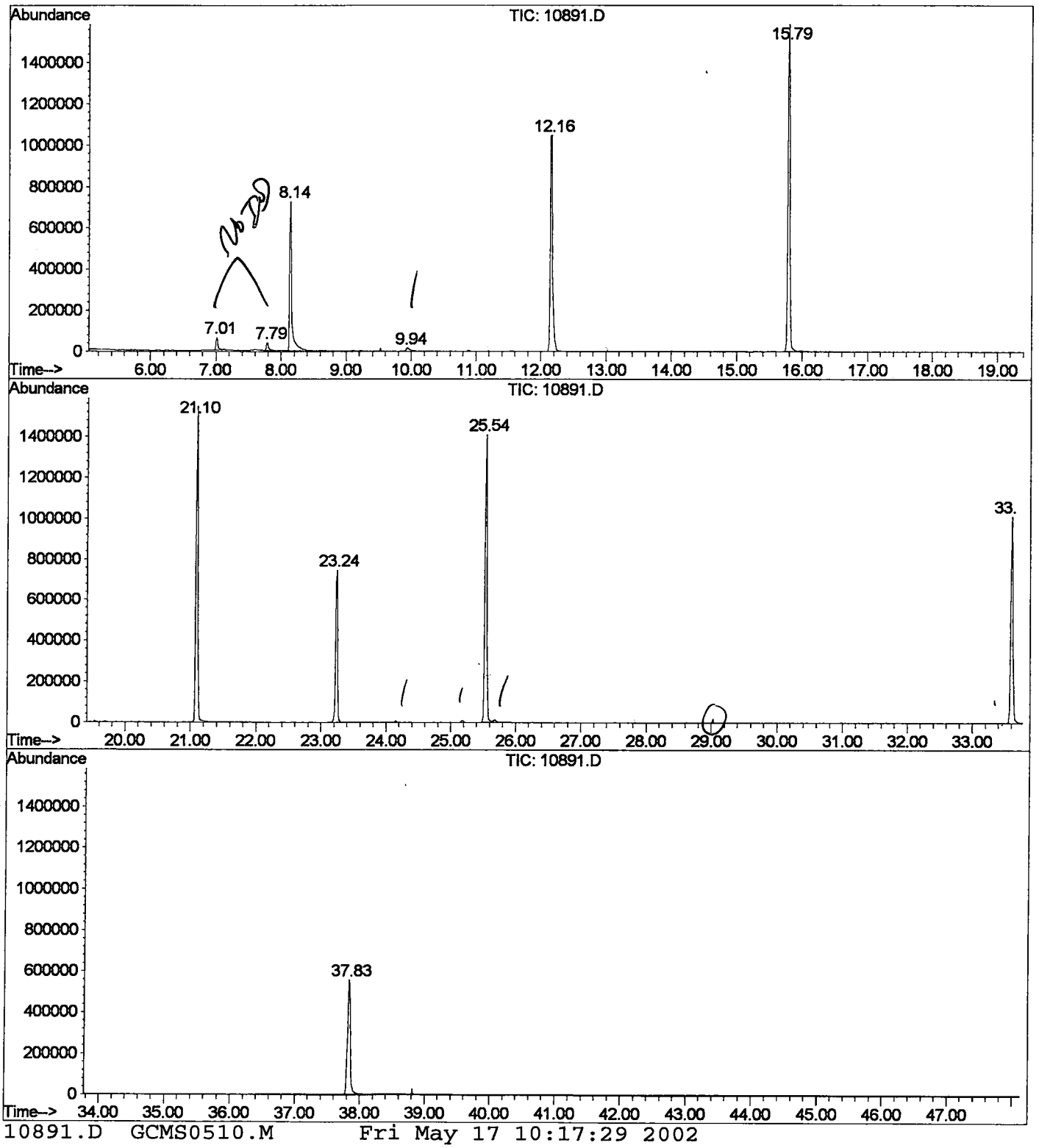
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.014	211	215	224	rBV	62033	125405	3.87%	0.652%
2	7.793	295	300	319	rVB	39395	93779	2.90%	0.487%
3	8.141	334	338	370	rBV	725197	1603720	49.53%	8.336%
4	9.937	526	534	542	rBV2	14025	44616	1.38%	0.232%
5	12.164	771	777	794	rBV	1045046	2485688	76.78%	12.920%
6	15.792	1167	1173	1190	rBV	1584064	3237571	100.00%	16.828%
7	21.098	1745	1752	1769	rBV	1546767	3199304	98.82%	16.629%
8	23.242	1977	1986	1991	rBV	746469	1522277	47.02%	7.912%
9	25.542	2230	2237	2249	rBV2	1407747	3026750	93.49%	15.732%
10	33.606	3110	3117	3132	rBV2	1011994	2242825	69.27%	11.658%
11	37.831	3570	3578	3596	rBV2	555262	1657010	51.18%	8.613%

Sum of corrected areas: 19238945

10891.D GCMS0510.M Fri May 17 10:17:28 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1502\10891.D
Operator :
Acquired : 15 May 2002 9:54 pm using AcqMethod GCMS0510
Instrument : 209
Sample Name: GC/MS SCAN 5/10
Misc Info :
Vial Number: 9
Quant File :GCMS0510.RES (RTE Integrator)



10891.D GCMS0510.M Fri May 17 10:17:29 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10891.D Vial: 9
Acq On : 15 May 2002 9:54 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

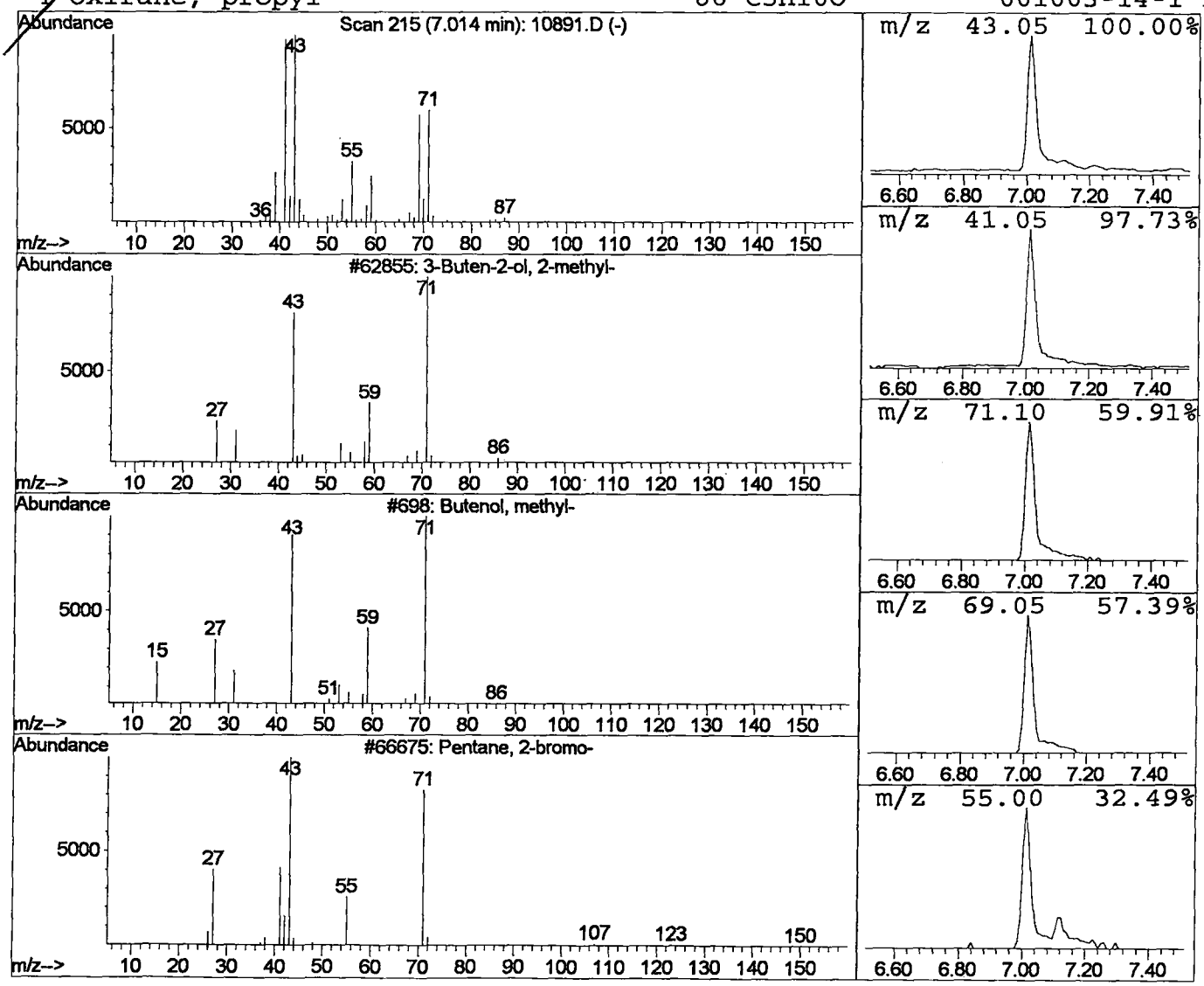
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Buten-2-ol, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	2.02 ug/l	125405	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	45
2	Butenol, methyl-	86	C5H10O	060766-00-9	42
3	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	38
4	Oxirane, propyl-	86	C5H10O	001003-14-1	32



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10891.D Vial: 9
Acq On : 15 May 2002 9:54 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

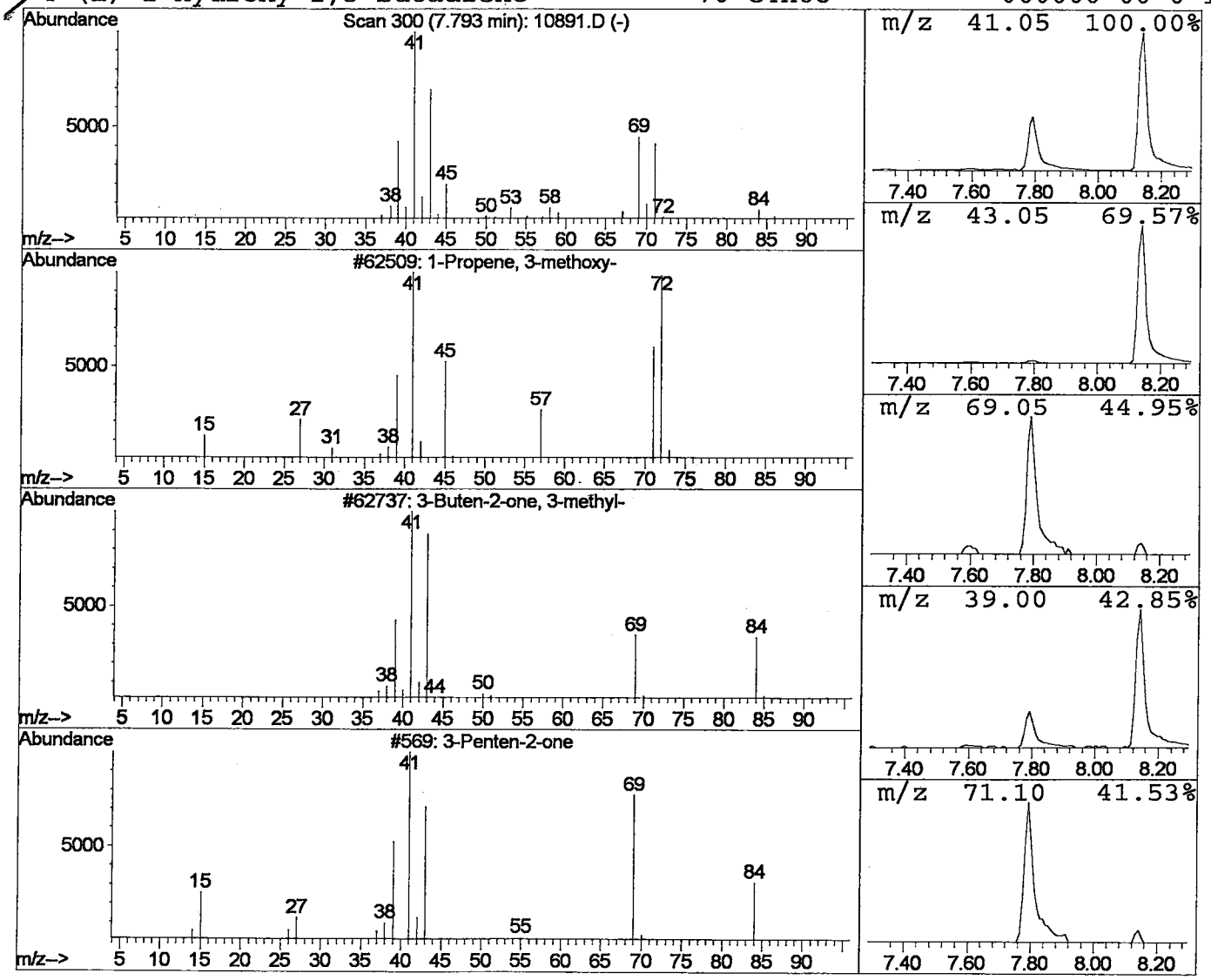
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Propene, 3-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	1.51 ug/l	93779	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	36
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	32
3	3-Penten-2-one	84	C5H8O	000625-33-2	17
4	(E)-1-Hydroxy-1,3-butadiene	70	C4H6O	000000-00-0	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10891.D Vial: 9
Acq On : 15 May 2002 9:54 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

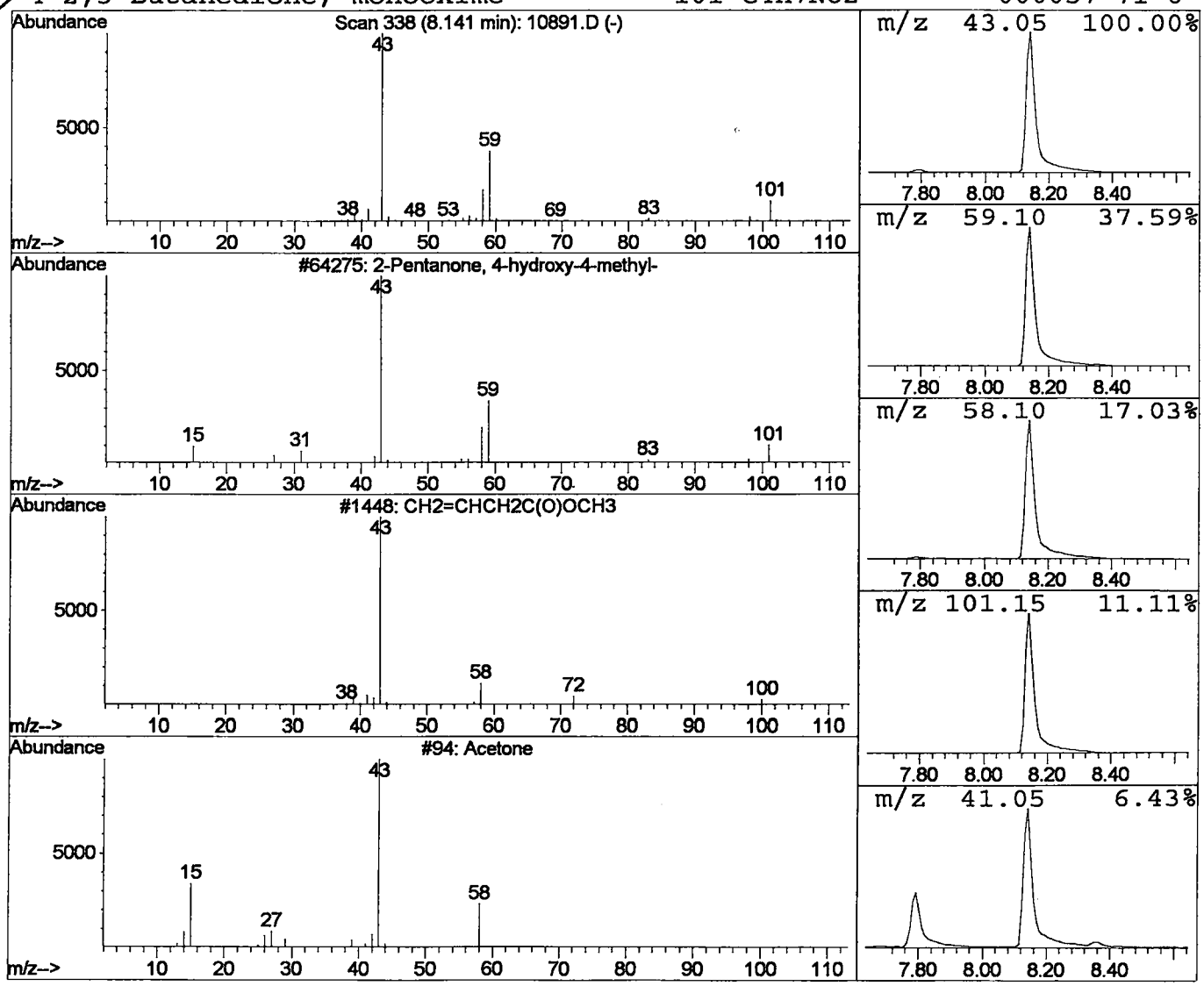
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	25.81 ug/l	1603720	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	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetone	58	C3H6O	000067-64-1	7
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10891.D Vial: 9
Acq On : 15 May 2002 9:54 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

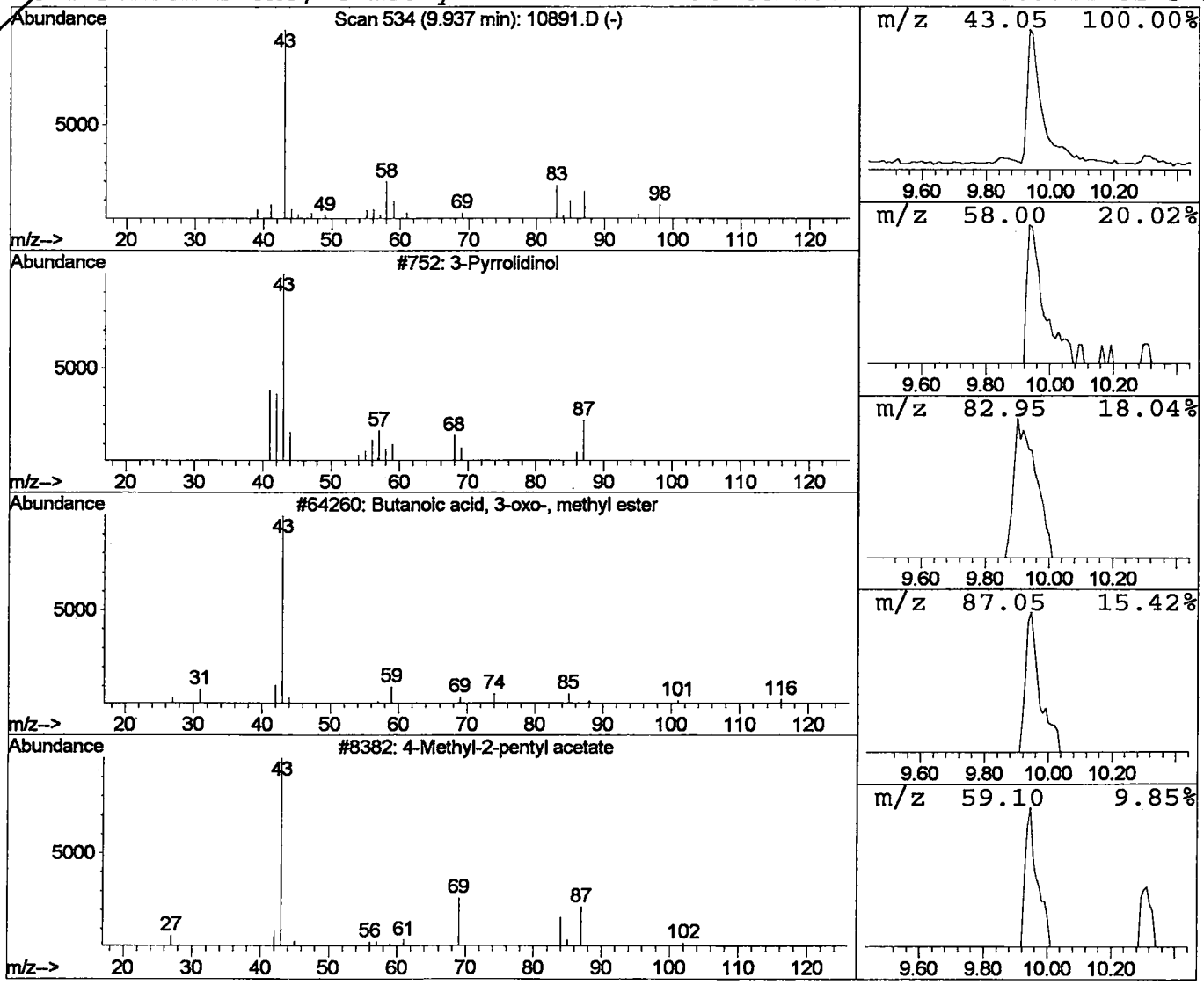
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Pyrrolidinol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	0.72 ug/l	44616	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyrrolidinol	87	C4H9NO	040499-83-0	17
2	Butanoic acid, 3-oxo-, methyl ester	116	C5H8O3	000105-45-3	12
3	4-Methyl-2-pentyl acetate	144	C8H16O2	000108-84-9	10
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 15 May 2002 9:54 pm
Data File: C:\HPCHEM\1\DATA\MAY1502\10891.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
3-Buten-2-ol, 2-meth	7.01	2.0	ug/l	125405	ISTD01	12.16	2485690	40.0
1-Propene, 3-methoxy	7.79	1.5	ug/l	93779	ISTD01	12.16	2485690	40.0
2-Pentanone, 4-hydro	8.14	25.8	ug/l	1603720	ISTD01	12.16	2485690	40.0
3-Pyrrolidinol	9.94	0.7	ug/l	44616	ISTD01	12.16	2485690	40.0

10891.D GCMS0510.M Fri May 17 10:17:33 2002