User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/21/2002 Time: 11:44:25

Sample: AE10893
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/21/02 11:42 Ended: 5/21/02 11:42 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		10.0

Comments for Sample AE10893 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-21-2002 Time: 11:44:54

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\10893.D Vial: 11
Acq On : 15 May 2002 11:51 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 17 10:25 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	329010	40.00	ug/l	-0.04
10) Naphthalene-d8	15.80	136	1392474	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.09	164	692707	40.00	ug/l	-0.05
30) Phenanthrene-d10	25.54	188	987548	40.00	ug/l	-0.04
38) Chrysene-d12	33.61	240	642817	40.00	ug/l	-0.03
44) Perylene-d12	37.83	264	389140	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.24	209	135013	39.18	ug/L	-0.04
Spiked Amount 40.000			Recovery = 97.95%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.32	74	665	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	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.		
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	0.00	149	0	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	23.24	168	240	N.D.		
32) 4-Bromophenylphenylether	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

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Last Update : Fri May 10 09:59:40 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

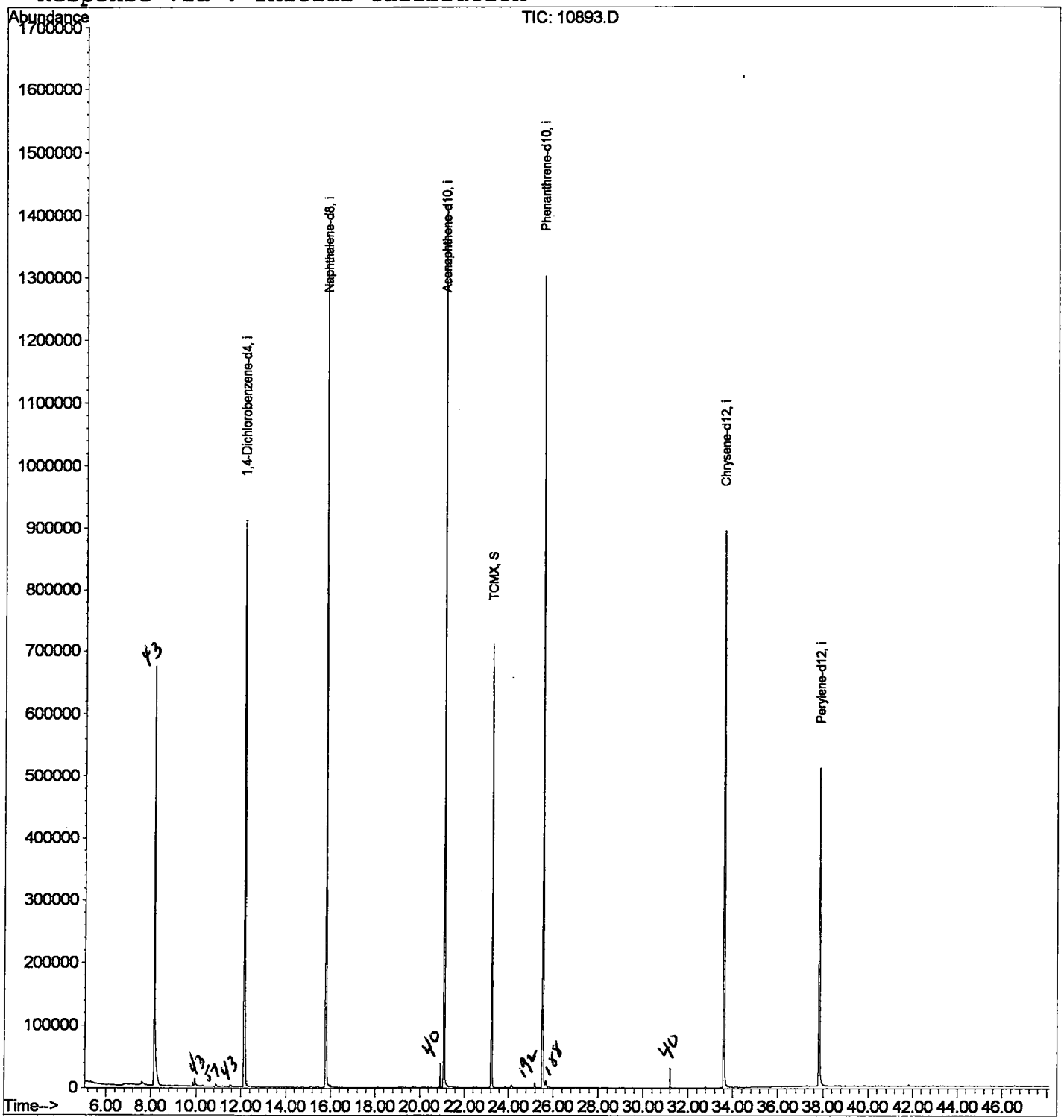
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	27.52	149	1267	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.61	228	1376	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.83	149	787	N.D.	
43)	Chrysene	33.61	228	1376	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	1614	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\10893.D Vial: 11
Acq On : 15 May 2002 11:51 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 17 10:25 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\10893.D Vial: 11
Acq On : 15 May 2002 11:51 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

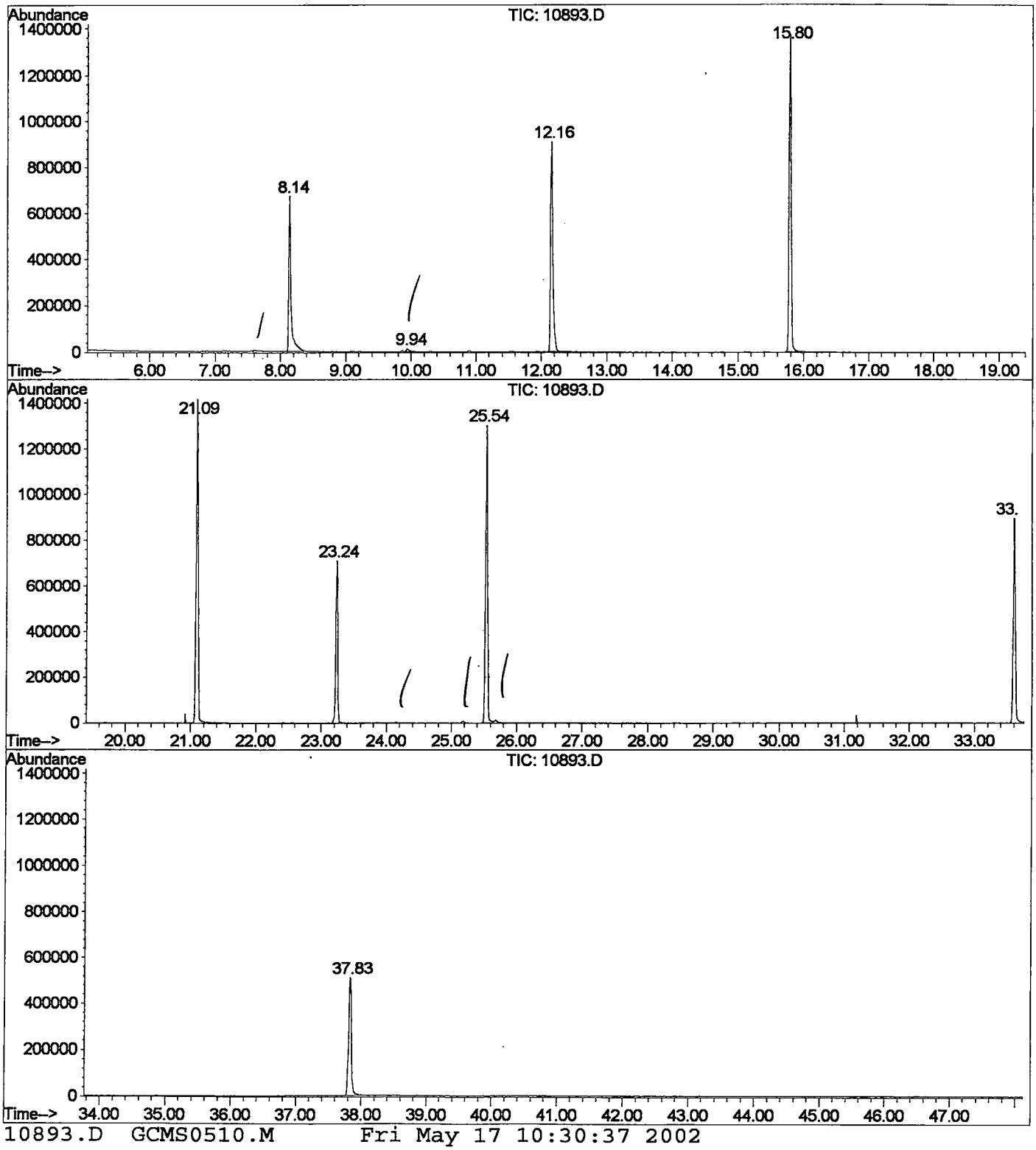
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.144	335	339	362	rBV	671629	1558459	51.86%	8.931%
2	9.940	529	535	546	rBV	11419	33273	1.11%	0.191%
3	12.157	772	777	794	rBV	910628	2126632	70.76%	12.186%
4	15.795	1168	1174	1191	rBV	1368104	2904240	96.64%	16.643%
5	21.092	1746	1752	1768	rBV	1416884	3005212	100.00%	17.221%
6	23.236	1976	1986	1997	rBV	710743	1449019	48.22%	8.303%
7	25.536	2230	2237	2248	rBV2	1302394	2825736	94.03%	16.193%
8	33.600	3111	3117	3132	rBV2	894295	2075875	69.08%	11.896%
9	37.834	3571	3579	3595	rBV	508953	1472288	48.99%	8.437%

Sum of corrected areas: 17450734

10893.D GCMS0510.M Fri May 17 10:30:36 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1502\10893.D
Operator :
Acquired : 15 May 2002 11:51 pm using AcqMethod GCMS0510
Instrument : 209
Sample Name: GC/MS SCAN 5/10
Misc Info :
Vial Number: 11
Quant File :GCMS0510.RES (RTE Integrator)



10893.D GCMS0510.M Fri May 17 10:30:37 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1502\10893.D Vial: 11
Acq On : 15 May 2002 11:51 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

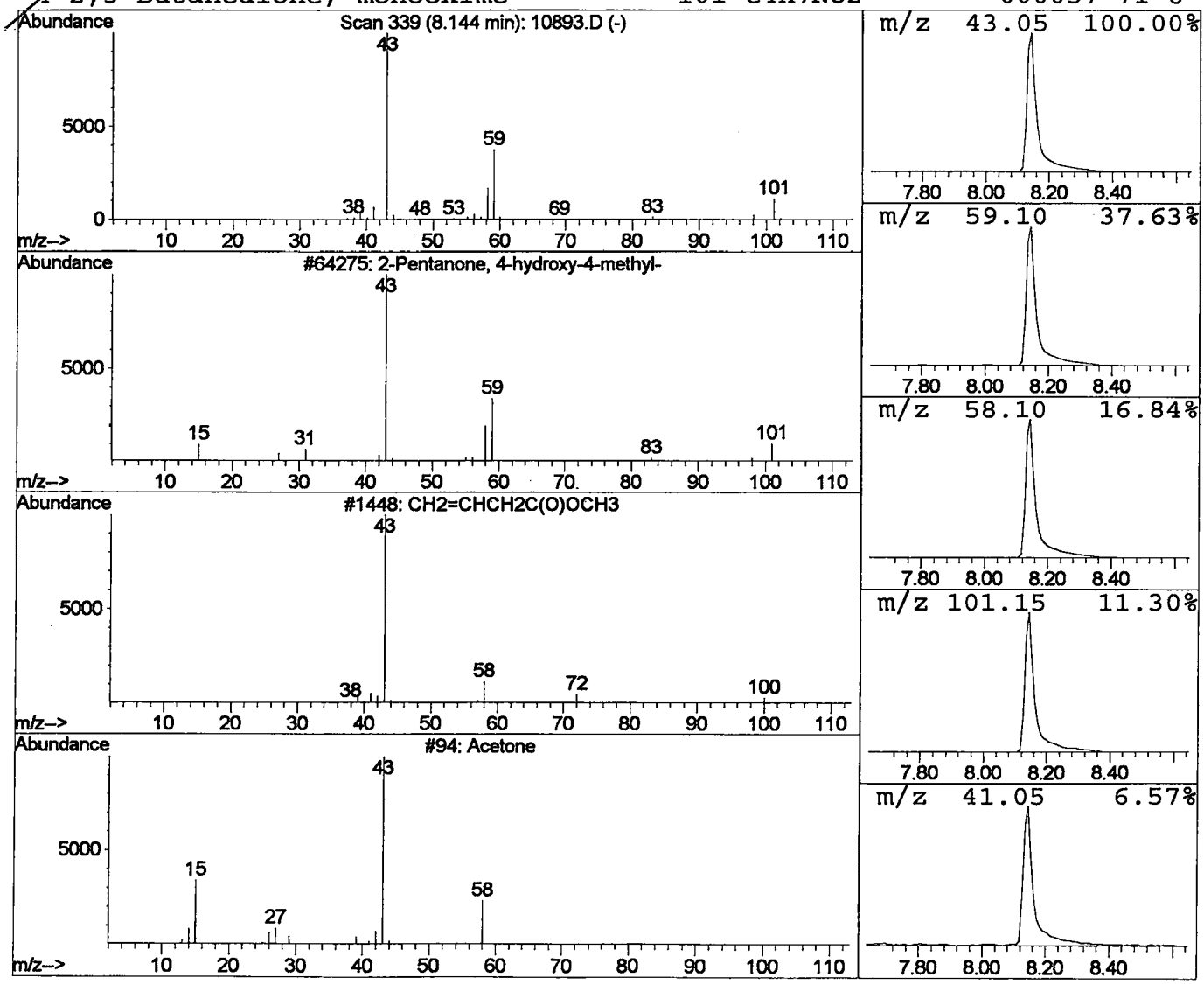
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	29.31 ug/l	1558460	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\10893.D Vial: 11
Acq On : 15 May 2002 11:51 pm Operator:
Sample : GC/MS SCAN 5/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

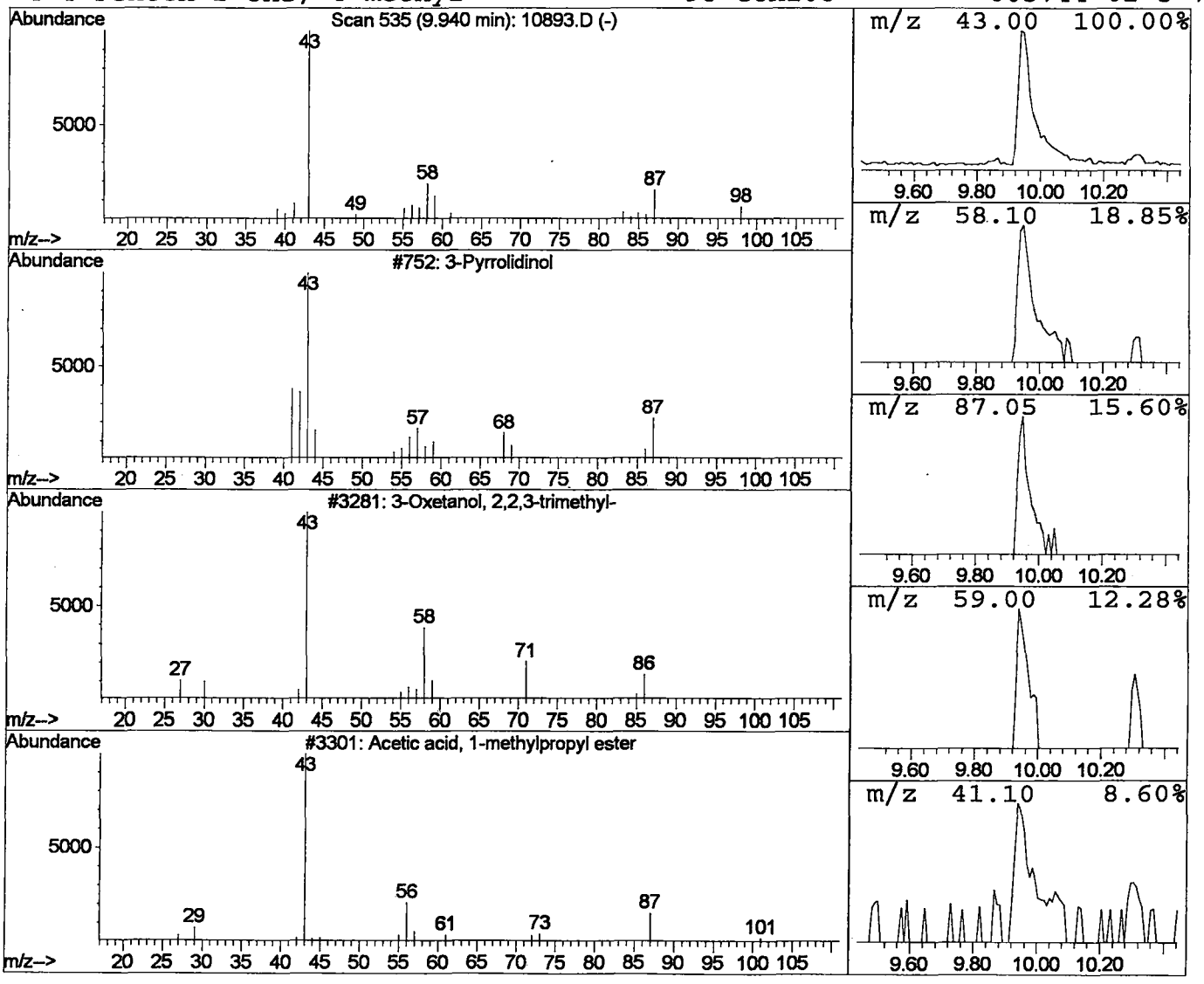
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-Pyrrolidinol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	0.63 ug/l	33273	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyrrolidinol	87	C4H9NO	040499-83-0	23
2	3-Oxetanol, 2,2,3-trimethyl-	116	C6H12O2	025910-96-7	23
3	Acetic acid, 1-methylpropyl ester	116	C6H12O2	000105-46-4	9
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 15 May 2002 11:51 pm
Data File: C:\HPCHEM\1\DATA\MAY1502\10893.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
2-Pentanone, 4-hydro	8.14	29.3	ug/l	1558460	ISTD01	12.16	2126630	40.0
3-Pyrrolidinol	9.94	0.6	ug/l	33273	ISTD01	12.16	2126630	40.0

10893.D GCMS0510.M Fri May 17 10:30:39 2002