

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/30/2002 Time: 15:37:53

Sample: AE11793
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/30/02 15:37 Ended: 5/30/02 15:37 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		10.0

Comments for Sample AE11793 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-30-2002 Time: 15:38:33

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\MAY2102\11793.D

Vial: 34

Acq On : 22 May 2002 11:05 pm

Operator:

Sample : EXTRACT5/20

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 24 8:24 2002

Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Mon May 20 15:10:30 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	380232	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	1496694	40.00	ug/l	-0.01
17) Acenaphthene-d10	21.09	164	724112	40.00	ug/l	0.00
30) Phenanthrene-d10	25.52	188	932518	40.00	ug/l	-0.01
38) Chrysene-d12	33.58	240	524524	40.00	ug/l	-0.03
44) Perylene-d12	37.78	264	336803	40.00	ug/l	-0.02

System Monitoring Compounds

28) TCMX	23.22	209	118501	32.56	ug/L	-0.01
Spiked Amount	40.000		Recovery	=	81.40%	

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	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.	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	22.56	149	396	N.D.	
26) 4-Chlorophenylphenylether	23.22	204	572	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	23.22	168	203	N.D.	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.53	178	199	N.D.	

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

11793.D GCMS0520.M Fri May 24 08:24:23 2002

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\11793.D

Vial: 34

Acq On : 22 May 2002 11:05 pm

Operator:

Sample : EXTRACT5/20

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 24 8:24 2002

Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Mon May 20 15:10:30 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0520

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.53	178	198	N.D.	
36) Di-n-butylphthalate	27.50	149	20807	0.68 ug/l #	99
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	33.58	228	1092	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.80	149	967	N.D.	
43) Chrysene	33.58	228	1092	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	37.78	252	1288	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

11793.D GCMS0520.M Fri May 24 08:24:24 2002

Page 2

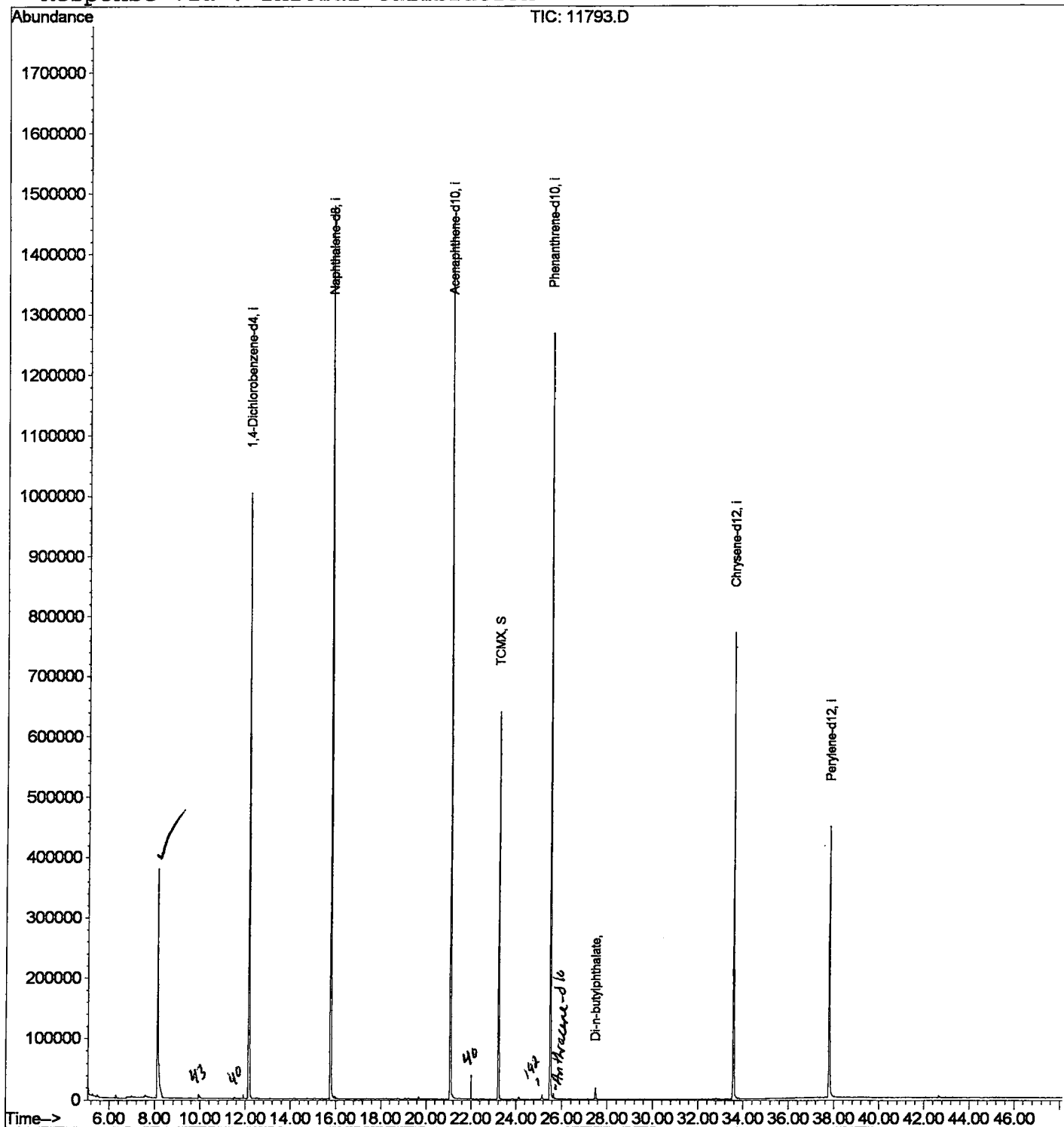
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11793.D
Acq On : 22 May 2002 11:05 pm
Sample : EXTRACT5/20
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 24 8:24 2002

Vial: 34
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11793.D

Vial: 34

Acq On : 22 May 2002 11:05 pm

Operator:

Sample : EXTRACT5/20

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0520.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	8.119	332	336	341	rBV	377978	798283	26.00%	4.932%
2	12.142	770	775	793	rBV	1002226	2329039	75.85%	14.391%
3	15.780	1166	1172	1189	rBV	1478212	3029131	98.65%	18.717%
4	21.086	1744	1751	1772	rBV	1456084	3070650	100.00%	18.973%
5	23.221	1976	1984	1993	rBV	640943	1278678	41.64%	7.901%
6	25.521	2229	2235	2247	rBV2	1267807	2644815	86.13%	16.342%
7	27.500	2447	2451	2459	rVB	19337	36491	1.19%	0.225%
8	33.575	3107	3114	3129	rBV2	771603	1706262	55.57%	10.543%
9	37.782	3566	3573	3596	rBV2	446084	1290842	42.04%	7.976%

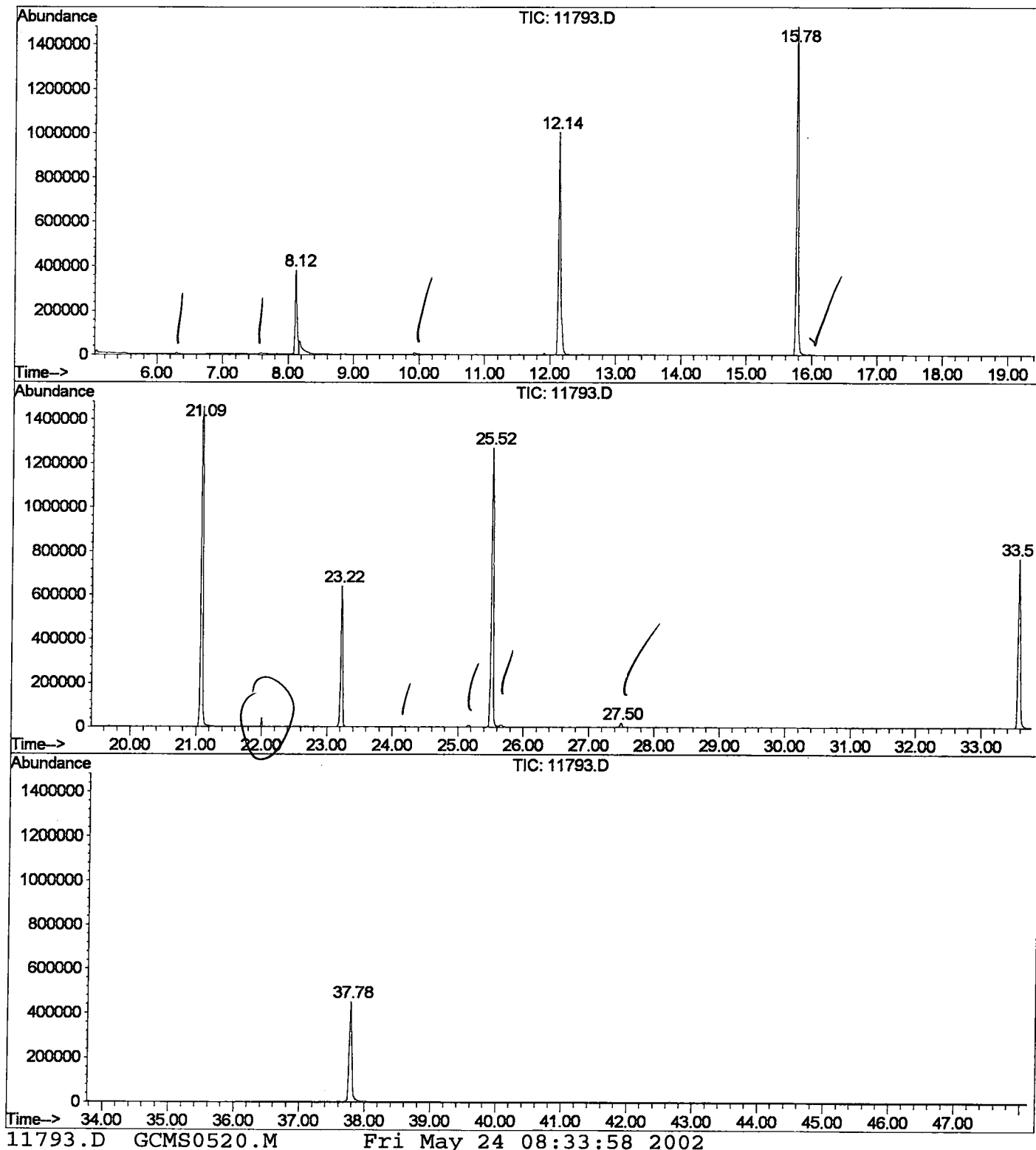
Sum of corrected areas: 16184191

11793.D GCMS0520.M

Fri May 24 08:33:58 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2102\11793.D
 Operator :
 Acquired : 22 May 2002 11:05 pm using AcqMethod GCMS0520
 Instrument : 209
 Sample Name: EXTRACT5/20
 Misc Info :
 Vial Number: 34
 Quant File :GCMS0520.RES (RTE Integrator)



11793.D GCMS0520.M Fri May 24 08:33:58 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11793.D
 Acq On : 22 May 2002 11:05 pm
 Sample : EXTRACT5/20
 Misc :
 MS Integration Params: LSCINT.P

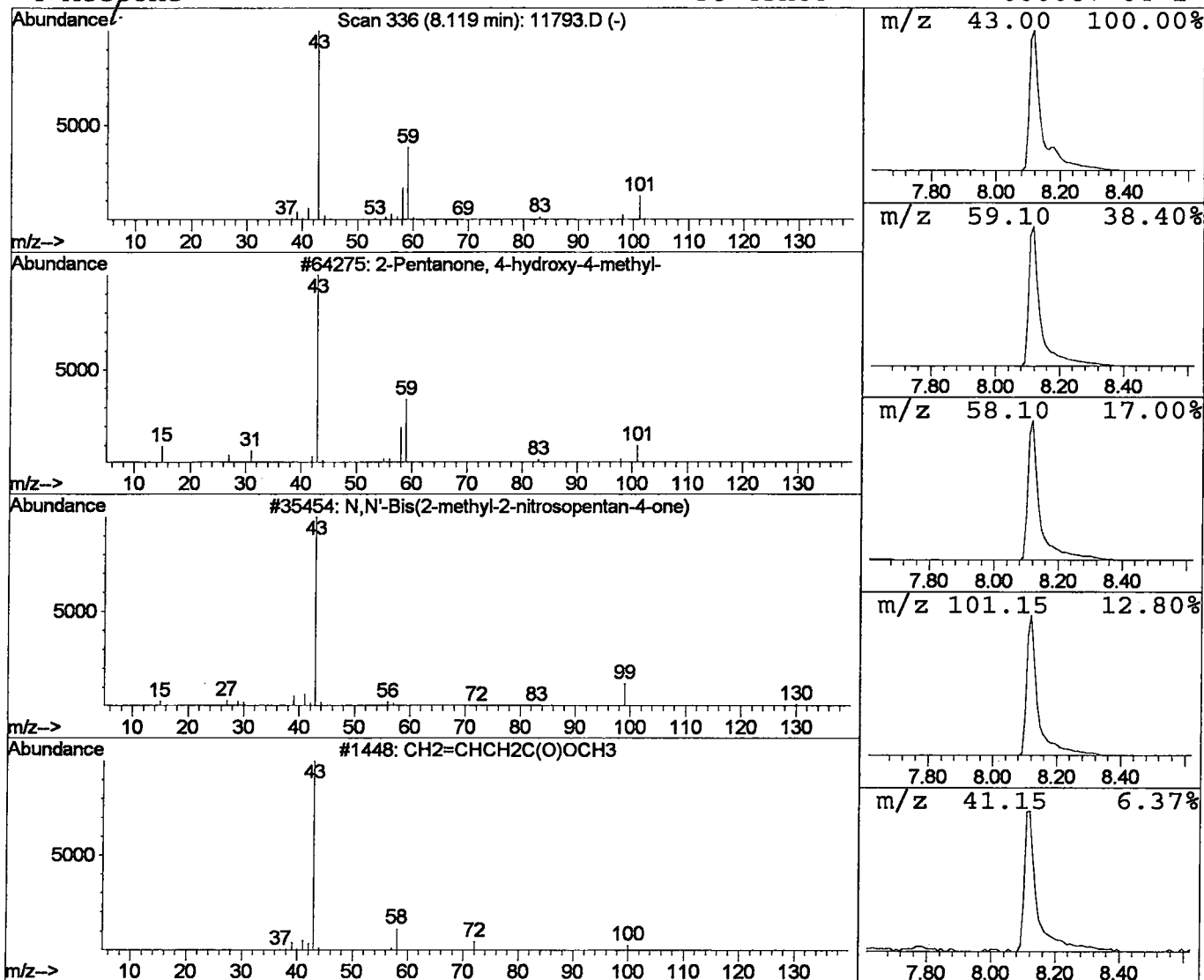
Vial: 34
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.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.
8.12	13.71 ug/l	798283	1,4-Dichlorobenzene-d4	12.14

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	Acetone	58	C3H6O	000067-64-1	7	



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 May 2002 11:05 pm
Data File: C:\HPCHEM\1\DATA\MAY2102\11793.D
Name: EXTRACT5/20
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0520.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	8.12	13.7	ug/l	798283	ISTD01	12.14	2329040	40.0
11793.D GCMS0520.M								

Fri May 24 08:34:00 2002