User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/28/2002 Time: 14:14:08

Sample: AE11306
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/28/02 14:13 Ended: 5/28/02 14:13 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		94		10.0

Comments for Sample AE11306 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-28-2002 Time: 14:14:38

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\11306.D Vial: 20
Acq On : 21 May 2002 7:30 pm Operator:
Sample : EXTRACT5/14 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 22 9:08 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 22 09:03:22 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	412525	40.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	1622458	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.08	164	777078	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.52	188	1035862	40.00	ug/l	-0.01
38) Chrysene-d12	33.58	240	579229	40.00	ug/l	-0.03
44) Perylene-d12	37.78	264	362155	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.22	209	146729	37.57	ug/L	-0.01
Spiked Amount 40.000			Recovery = 93.93%			
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	15.83	128	335	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	466	N.D.		
26) 4-Chlorophenylphenylether	23.22	204	545	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.22	168	335	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.53	178	285	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\11306.D Vial: 20
Acq On : 21 May 2002 7:30 pm Operator:
Sample : EXTRACT5/14 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 22 9:08 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 22 09:03:22 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

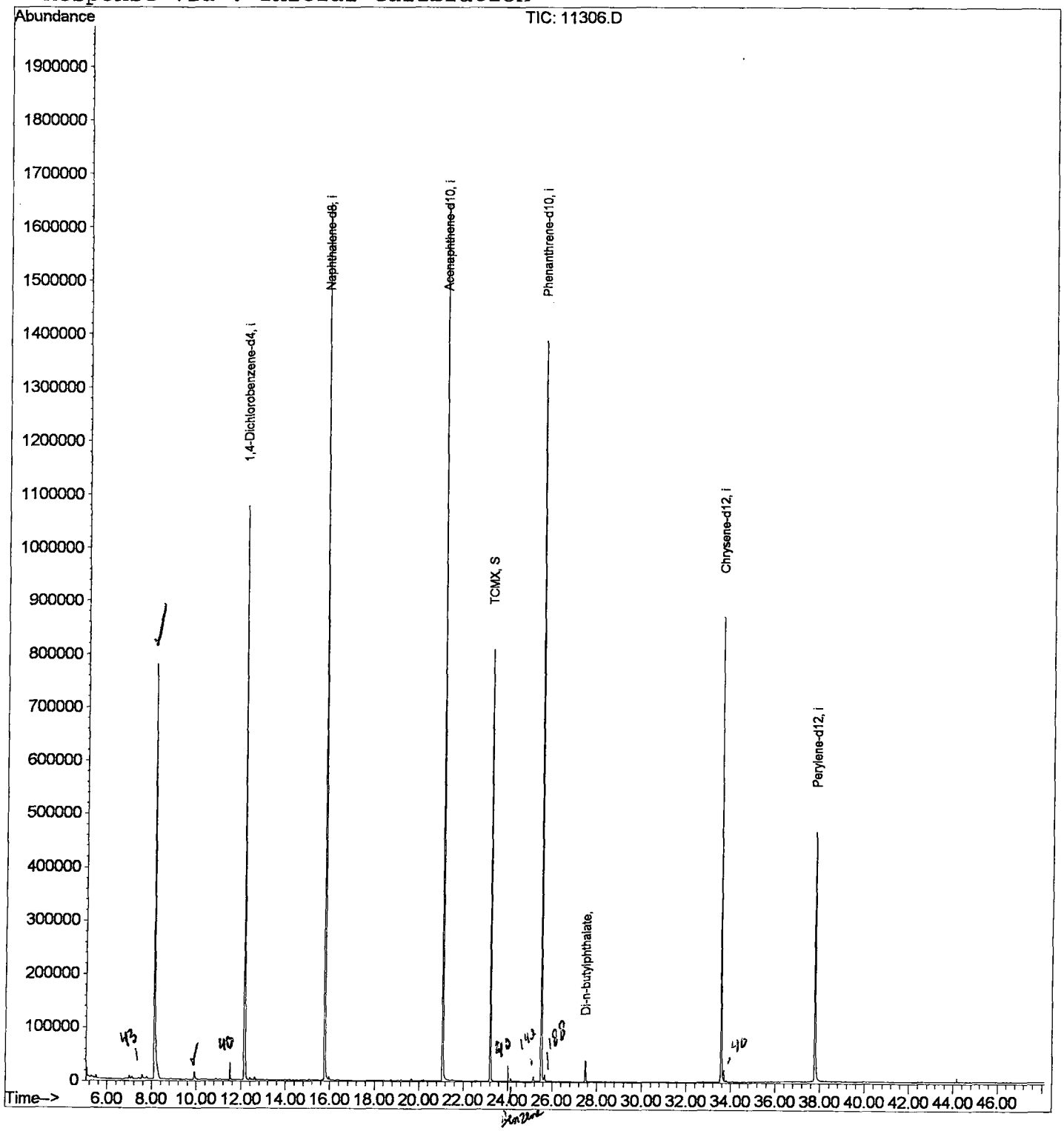
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.53	178	285	N.D.	
36)	Di-n-butylphthalate	27.50	149	44888	1.32 ug/l	98
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.57	228	1967	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.81	149	1375	N.D.	
43)	Chrysene	33.65	228	689	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.63	252	214	N.D.	
47)	Benzo(k)fluoranthene	36.68	252	430	N.D.	
48)	Benzo(a)pyrene	37.79	252	1756	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\MAY2102\11306.D Vial: 20
Acq On : 21 May 2002 7:30 pm Operator:
Sample : EXTRACT5/14 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 22 9:08 2002 Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 22 09:03:22 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11306.D Vial: 20
Acq On : 21 May 2002 7:30 pm Operator:
Sample : EXTRACT5/14 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

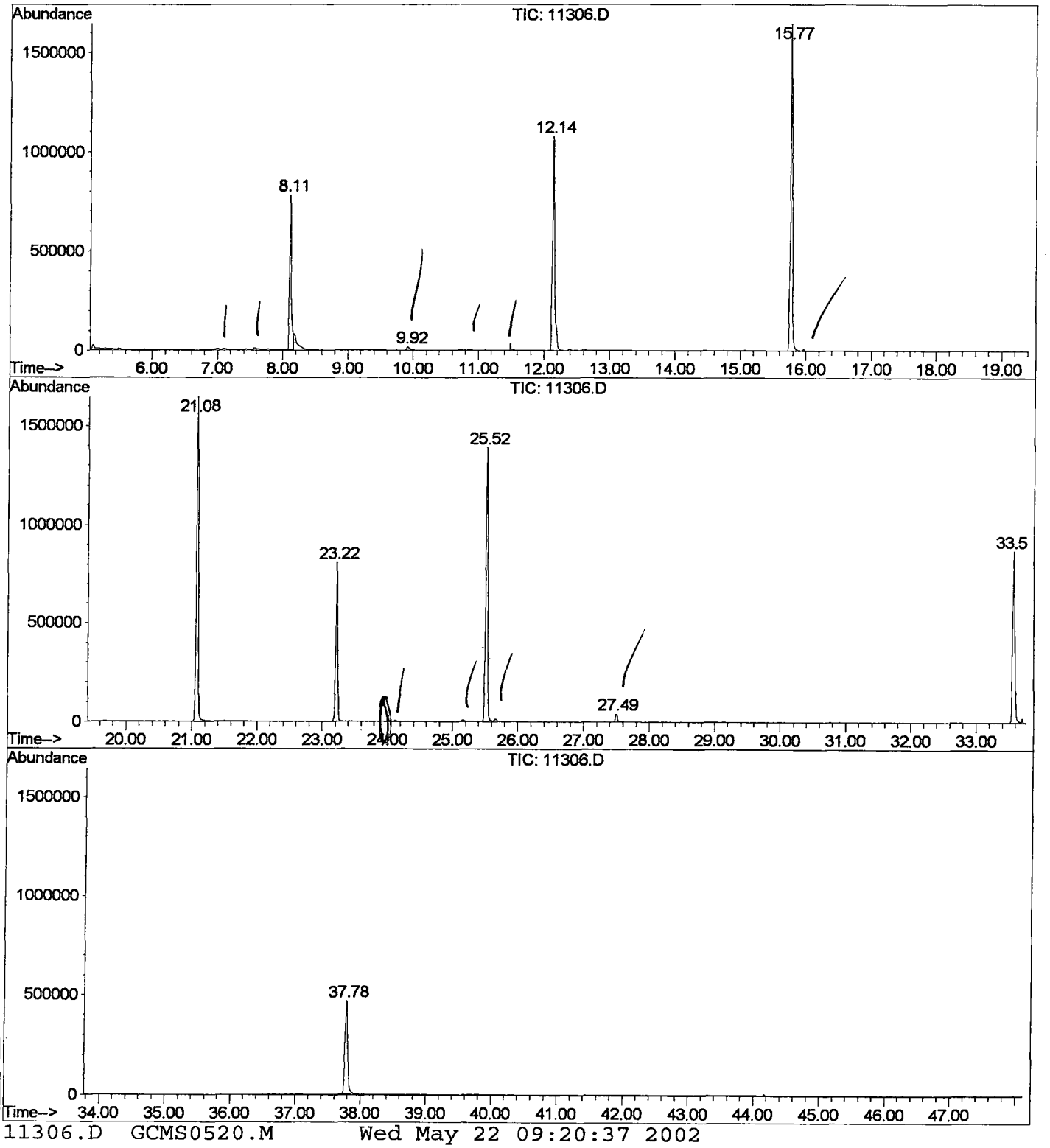
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.112	331	335	341	rBV	778437	1520434	45.72%	8.124%
2	9.917	528	532	544	rVB	14753	40273	1.21%	0.215%
3	12.135	769	774	792	rVB	1076004	2551120	76.72%	13.631%
4	15.773	1165	1171	1189	rBV	1644124	3325272	100.00%	17.767%
5	21.079	1743	1750	1765	rBV	1643618	3314538	99.68%	17.710%
6	23.223	1976	1984	1991	rBV	808882	1610020	48.42%	8.602%
7	25.523	2228	2235	2245	rBV2	1387601	2965351	89.18%	15.844%
8	27.493	2446	2450	2457	rBV	40320	81449	2.45%	0.435%
9	33.578	3107	3114	3127	rBV	870017	1910974	57.47%	10.211%
10	37.784	3565	3573	3591	rBV2	465385	1396336	41.99%	7.461%

Sum of corrected areas: 18715767

11306.D GCMS0520.M Wed May 22 09:20:36 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2102\11306.D
Operator :
Acquired : 21 May 2002 7:30 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACT5/14
Misc Info :
Vial Number: 20
Quant File :GCMS0520.RES (RTE Integrator)



11306.D GCMS0520.M Wed May 22 09:20:37 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11306.D Vial: 20
Acq On : 21 May 2002 7:30 pm Operator:
Sample : EXTRACT5/14 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

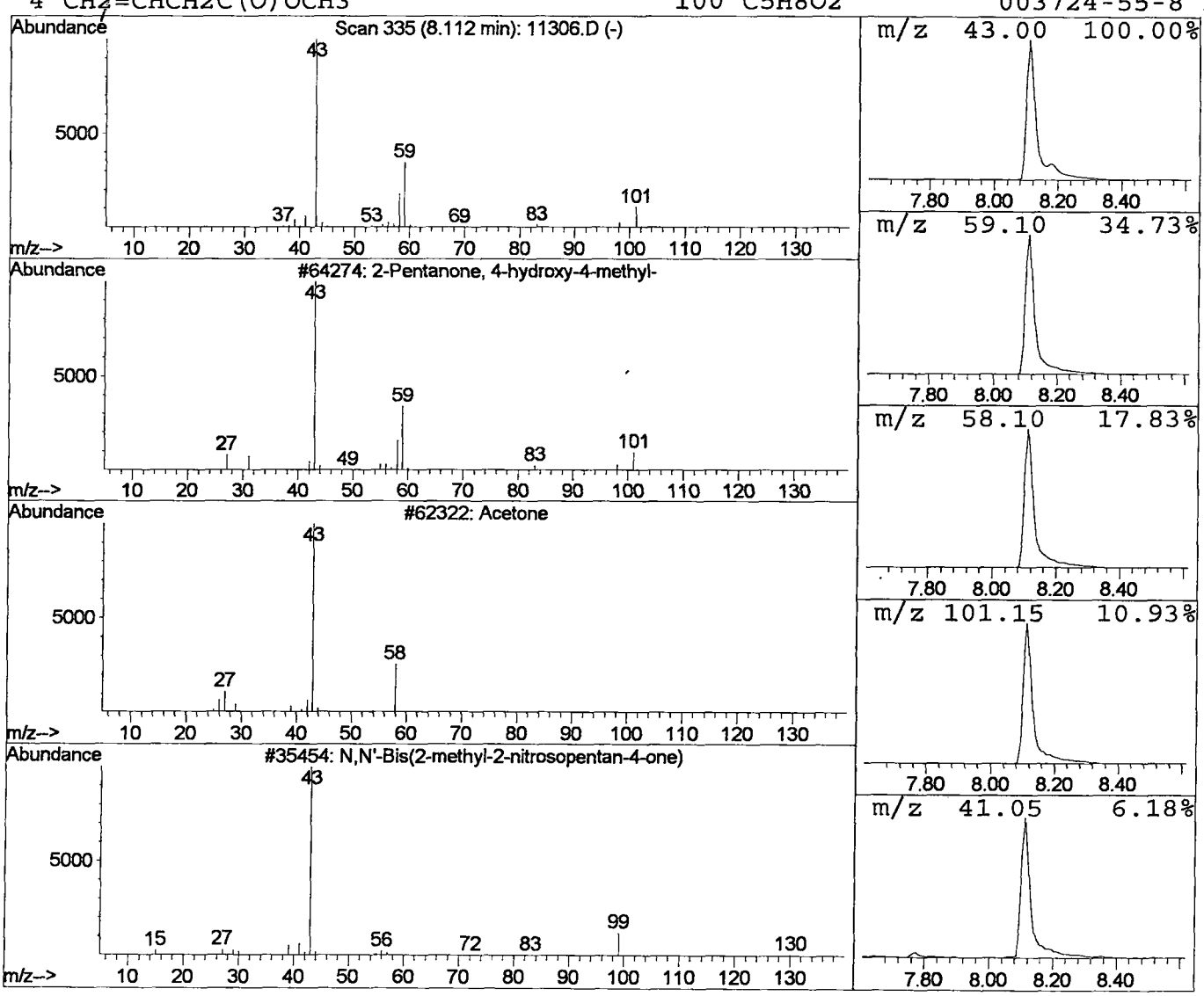
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	23.84 ug/l	1520430	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	78
2	Acetone	58	C3H6O	000067-64-1	9
3	N,N'-Bis(2-methyl-2-nitrosopentan-4	258	C12H22N2O4	094514-30-4	9
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11306.D Vial: 20
Acq On : 21 May 2002 7:30 pm Operator:
Sample : EXTRACT5/14 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

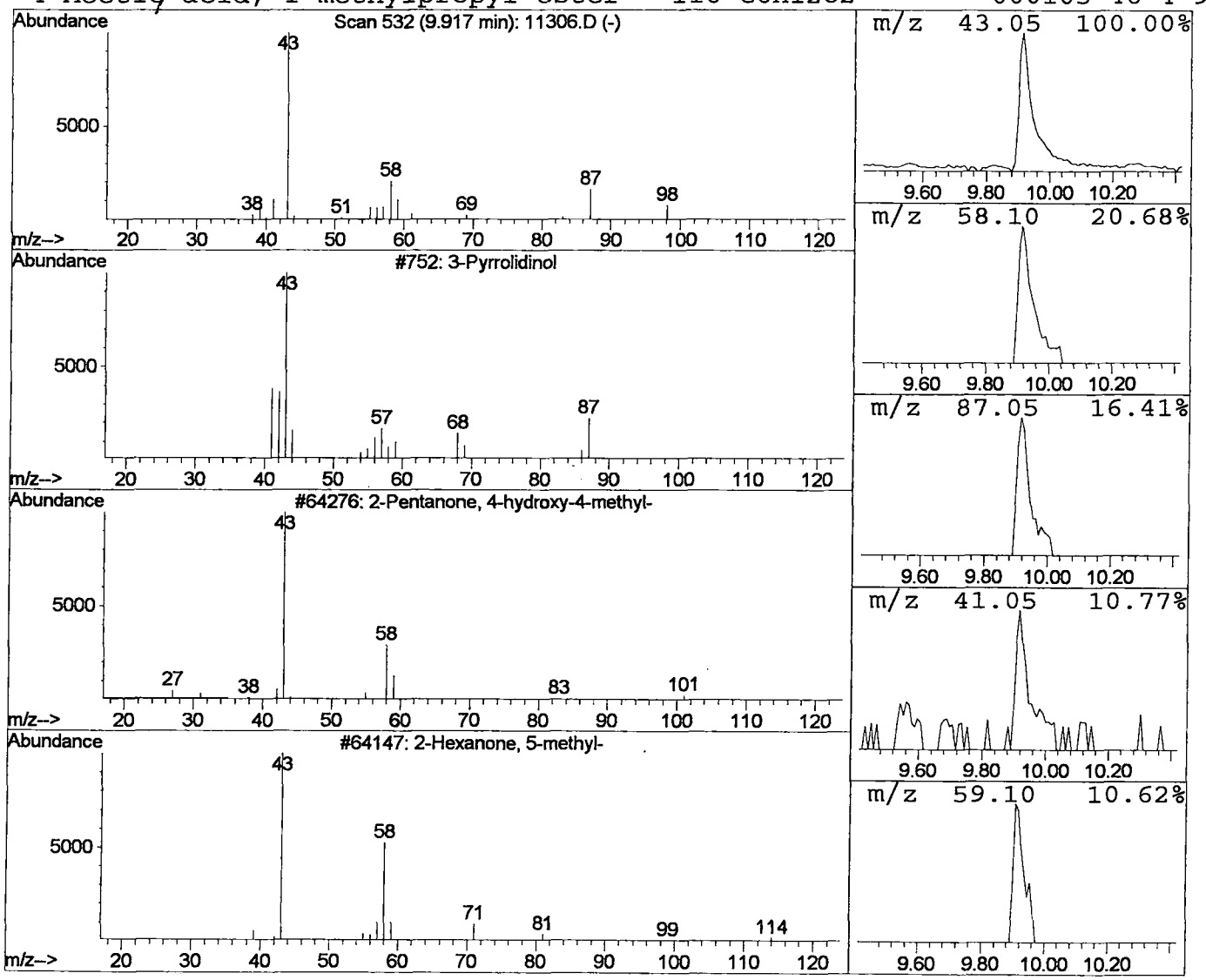
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-Pyrrolidinol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	0.63 ug/l	40273	1,4-Dichlorobenzene-d4	12.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyrrolidinol	87	C4H9NO	040499-83-0	9
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	9
4	Acetic acid, 1-methylpropyl ester	116	C6H12O2	000105-46-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 21 May 2002 7:30 pm
Data File: C:\HPCHEM\1\DATA\MAY2102\11306.D
Name: EXTRACT5/14
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	8.11	23.8	ug/l	1520430	ISTD01	12.14	2551120	40.0
3-Pyrrolidinol	9.92	0.6	ug/l	40273	ISTD01	12.14	2551120	40.0

11306.D GCMS0520.M Wed May 22 09:20:39 2002