

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/28/2002 Time: 14:52:44

Sample: AE11378
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/28/02 14:52 Ended: 5/28/02 14:52 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		92		10.0

Comments for Sample AE11378 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-28-2002 Time: 14:53:16

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\11378.D

Vial: 27

Acq On : 22 May 2002 2:23 am

Operator:

Sample : EXTRACT5/14

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 22 9:16 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	413399	40.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	1611411	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.08	164	768473	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.52	188	992962	40.00	ug/l	-0.01
38) Chrysene-d12	33.58	240	548958	40.00	ug/l	-0.03
44) Perylene-d12	37.78	264	356609	40.00	ug/l	-0.02

System Monitoring Compounds

28) TCMX	23.22	209	142071	36.78	ug/L	-0.01
Spiked Amount	40.000		Recovery	=	91.95%	

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	14.49	82	838	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	15.84	128	209	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	20.43	163	663	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	1326	N.D.	
26) 4-Chlorophenylphenylether	23.22	204	553	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	23.23	168	358	N.D.	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.59	178	557	N.D.	

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

11378.D GCMS0520.M Wed May 22 09:17:08 2002

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Data File : C:\HPCHEM\1\DATA\MAY2102\11378.D

Vial: 27

Acq On : 22 May 2002 2:23 am

Operator:

Sample : EXTRACT5/14

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 22 9:16 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	25.59	178	557	N.D.	
36) Di-n-butylphthalate	27.50	149	41530	1.27 ug/l	98
37) Fluoranthene	29.21	202	578	N.D.	
39) Pyrene	29.88	202	474	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.58	228	1088	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.81	149	1687	N.D.	
43) Chrysene	33.58	228	1088	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	1308	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

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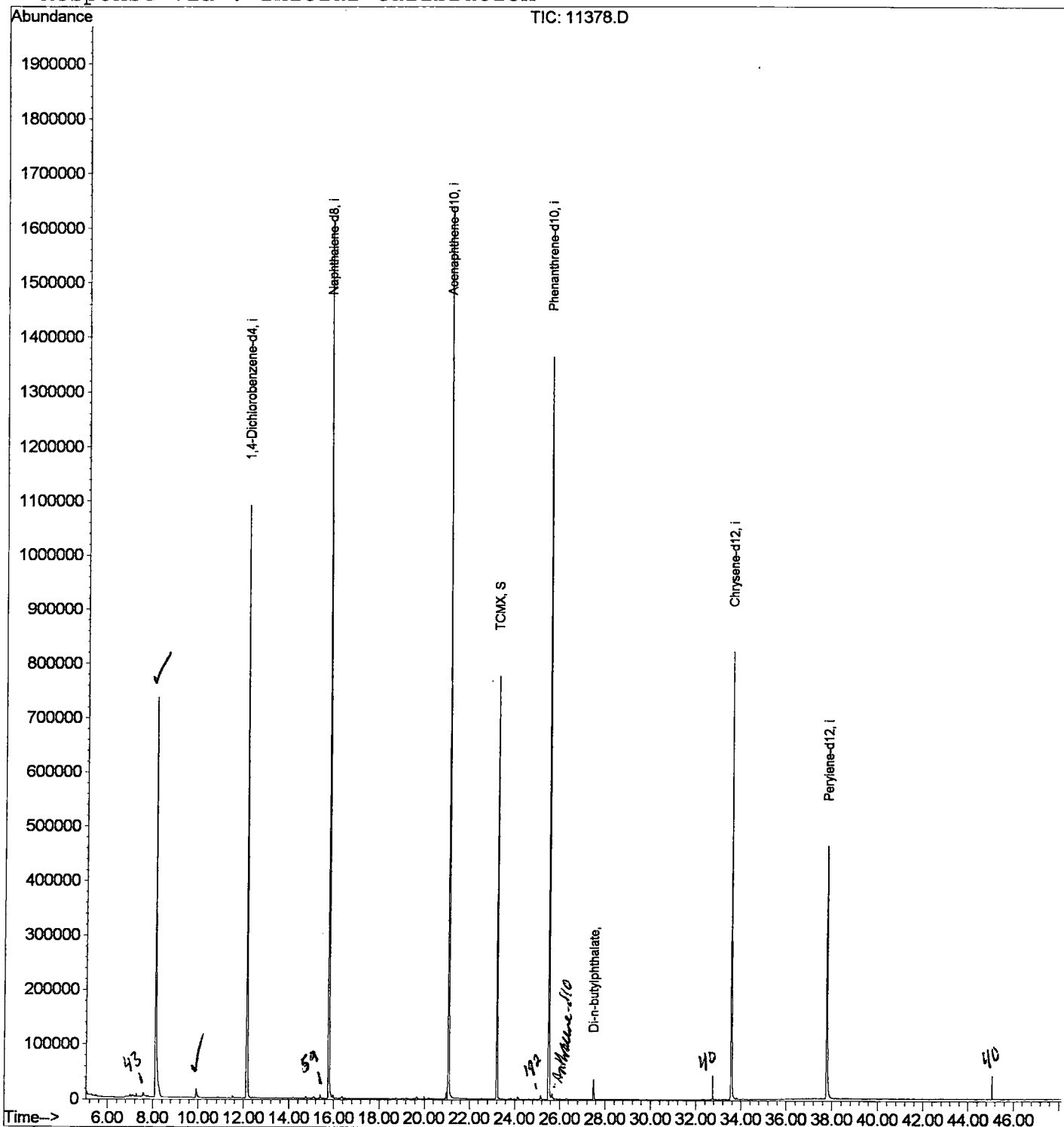
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11378.D
Acq On : 22 May 2002 2:23 am
Sample : EXTRACT5/14
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 22 9:16 2002

Vial: 27
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 : Wed May 22 09:03:22 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11378.D
 Acq On : 22 May 2002 2:23 am
 Sample : EXTRACT5/14
 Misc :
 MS Integration Params: LSCINT.P

Vial: 27
 Operator:
 Inst : 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

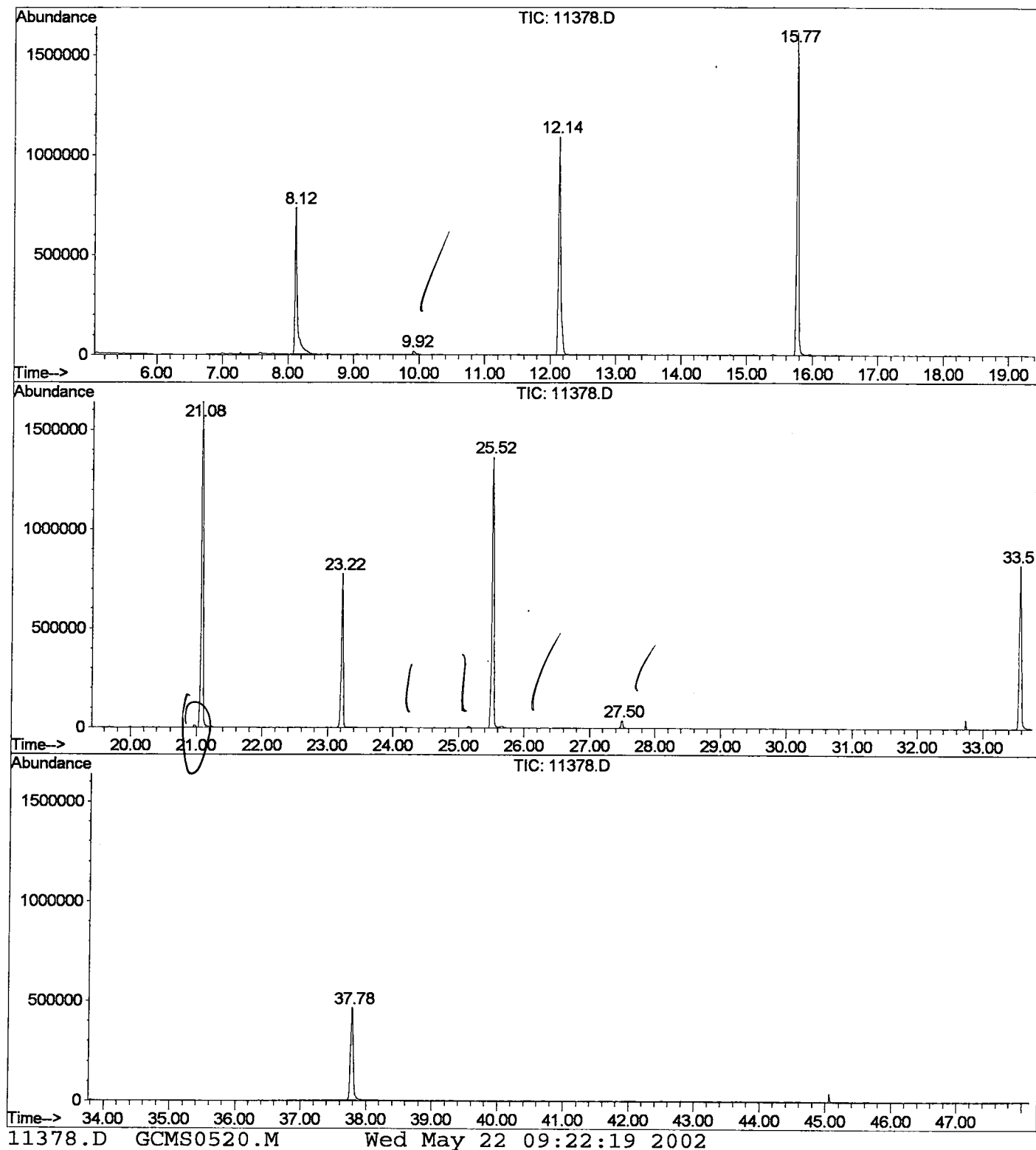
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.120	332	336	364	rBV	733831	1824361	55.31%	9.816%
2	9.916	529	532	538	rBV	15846	38209	1.16%	0.206%
3	12.142	769	775	793	rBV	1090645	2540014	77.00%	13.667%
4	15.771	1165	1171	1188	rBV	1611294	3277659	99.36%	17.635%
5	21.077	1744	1750	1766	rBV	1639355	3298680	100.00%	17.748%
6	23.221	1976	1984	1992	rBV	776590	1546894	46.89%	8.323%
7	25.521	2228	2235	2245	rBV2	1363782	2825809	85.66%	15.204%
8	27.501	2445	2451	2458	rBV	37809	74564	2.26%	0.401%
9	33.576	3107	3114	3130	rBV	820956	1803971	54.69%	9.706%
10	37.782	3566	3573	3595	rBV2	460907	1355530	41.09%	7.293%

Sum of corrected areas: 18585691

11378.D GCMS0520.M Wed May 22 09:22:18 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2102\11378.D
 Operator :
 Acquired : 22 May 2002 2:23 am using AcqMethod GCMS0520
 Instrument : 209
 Sample Name: EXTRACT5/14
 Misc Info :
 Vial Number: 27
 Quant File :GCMS0520.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11378.D
Acq On : 22 May 2002 2:23 am
Sample : EXTRACT5/14
Misc :
MS Integration Params: LSCINT.P

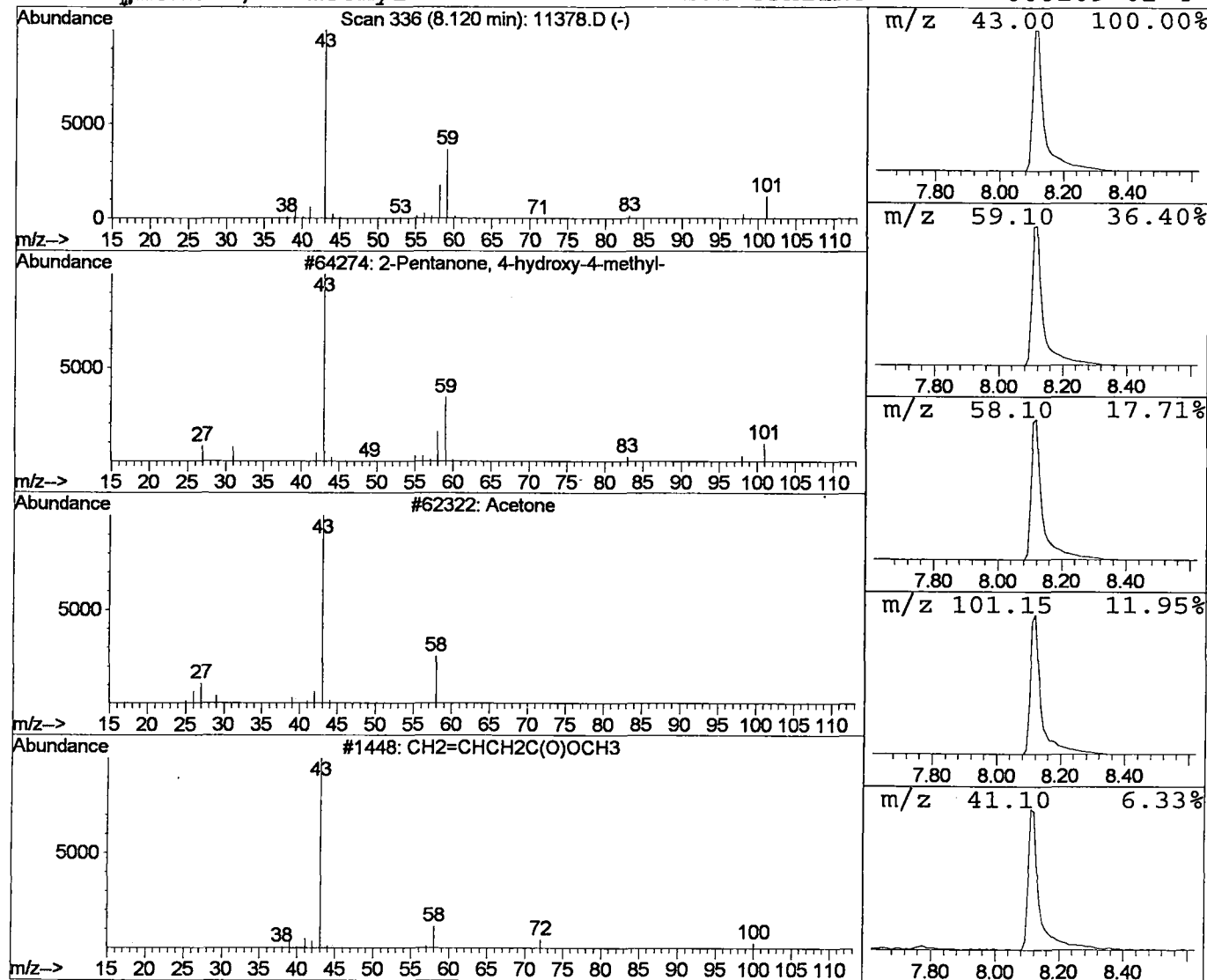
Vial: 27
Operator:
Inst : 209
Multiplr: 1.00

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	28.73 ug/l	1824360	1,4-Dichlorobenzene-d4	12.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetone	58	C3H6O	000067-64-1	9
3		CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11378.D
Acq On : 22 May 2002 2:23 am
Sample : EXTRACT5/14
Misc :
MS Integration Params: LSCINT.P

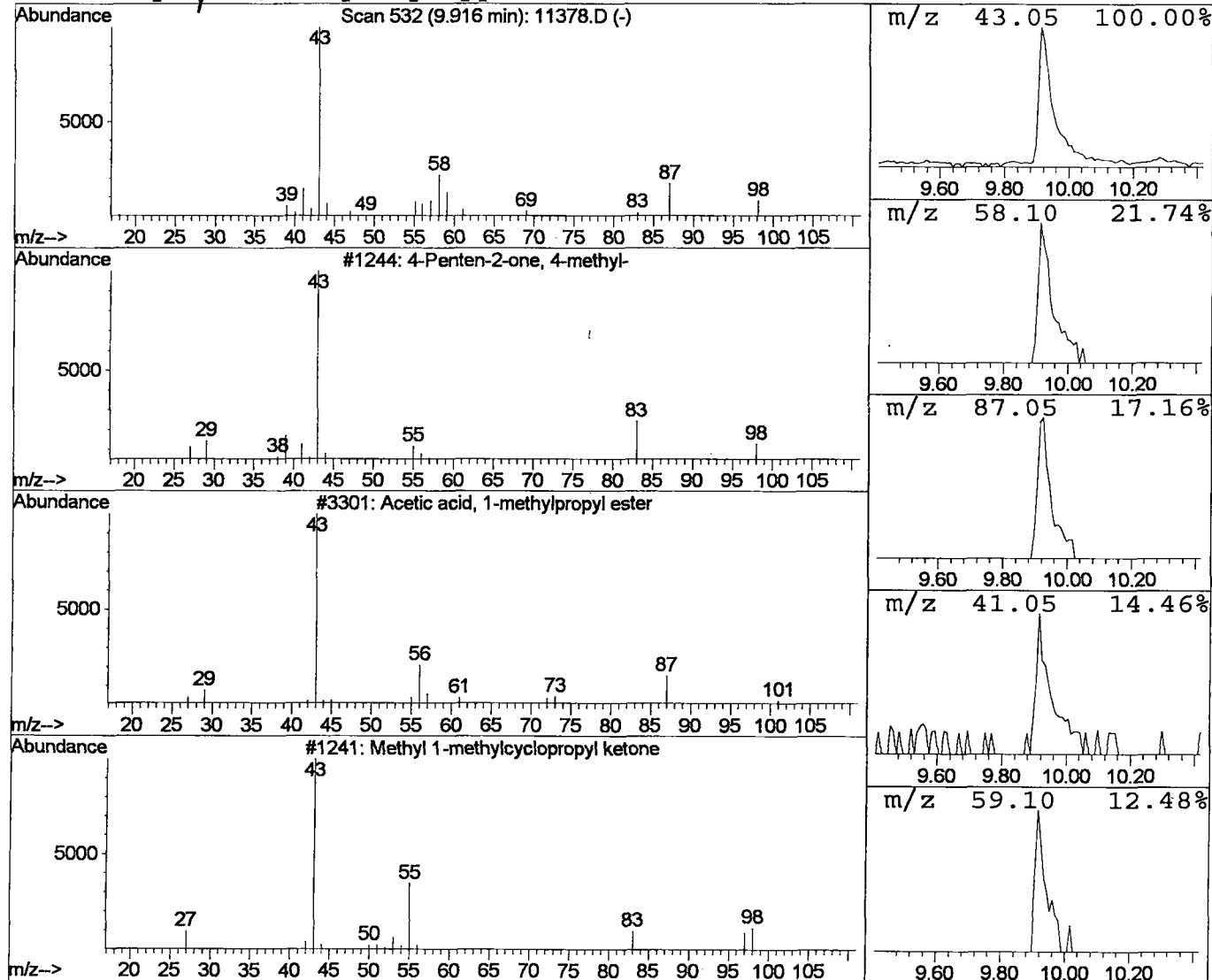
Vial: 27
Operator:
Inst : 209
Multiplr: 1.00

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

Peak Number 2 4-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	0.60 ug/l	38209	1,4-Dichlorobenzene-d4	12.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	16
2			Acetic acid, 1-methylpropyl ester	116	C6H12O2	000105-46-4	9
3			Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	7
4			2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	5



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 May 2002 2:23 am
Data File: C:\HPCHEM\1\DATA\MAY2102\11378.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	8.12	28.7	ug/l	1824360	ISTD01	12.14	2540010	40.0
4-Penten-2-one, 4-me	9.92	0.6	ug/l	38209	ISTD01	12.14	2540010	40.0

11378.D GCMS0520.M Wed May 22 09:22:20 2002