

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/28/2002 Time: 14:15:49

Sample: AE11307
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/28/02 14:15 Ended: 5/28/02 14:15 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		93		10.0

Comments for Sample AE11307 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

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

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\HPCHEM\1\DATA\MAY2102\11307.D

Vial: 21

Acq On : 21 May 2002 8:29 pm

Operator:

Sample : EXTRACT5/14

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 22 9:09 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	418531	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	1642305	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.08	164	777533	40.00	ug/l	0.00
30) Phenanthrene-d10	25.52	188	1043536	40.00	ug/l	-0.02
38) Chrysene-d12	33.58	240	609819	40.00	ug/l	-0.03
44) Perylene-d12	37.79	264	376713	40.00	ug/l	-0.02

System Monitoring Compounds

28) TCMX	23.23	209	145479	37.23	ug/L	0.00
Spiked Amount	40.000		Recovery	=	93.08%	

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	866	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	326	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	20.42	163	325	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	22.57	149	1180	N.D.	
26) 4-Chlorophenylphenylether	23.23	204	762	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.58	178	1232	N.D.	

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

11307.D GCMS0520.M Wed May 22 09:10:14 2002

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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	25.58	178	1232	N.D.	
36) Di-n-butylphthalate	27.50	149	42706	1.25 ug/l #	98
37) Fluoranthene	29.21	202	1028	N.D.	
39) Pyrene	29.89	202	884	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.58	228	1613	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.80	149	1540	N.D.	
43) Chrysene	33.64	228	539	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	37.79	252	1585	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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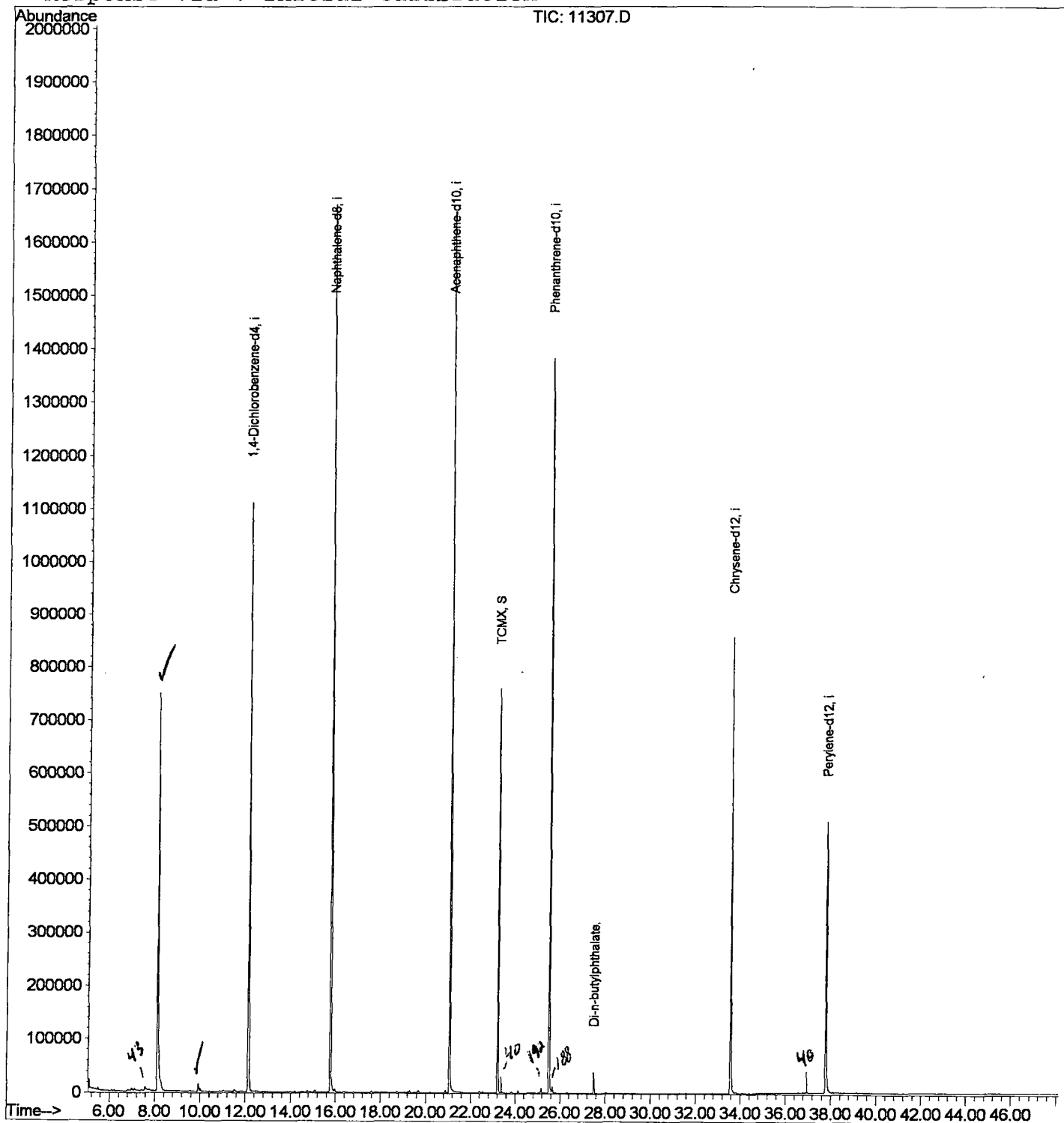
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11307.D
Acq On : 21 May 2002 8:29 pm
Sample : EXTRACT5/14
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 22 9:09 2002

Vial: 21
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\11307.D

Vial: 21

Acq On : 21 May 2002 8:29 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	8.114	331	335	340	rBV	746569	1414561	42.10%	7.510%
2	9.920	528	532	540	rBV	14009	36721	1.09%	0.195%
3	12.137	769	774	786	rBV	1109611	2567585	76.42%	13.632%
4	15.775	1165	1171	1187	rBV	1669382	3359667	100.00%	17.837%
5	21.081	1743	1750	1761	rBV	1651724	3336424	99.31%	17.713%
6	23.225	1975	1984	1989	rBV	758554	1575477	46.89%	8.364%
7	25.516	2228	2234	2245	rBV2	1382827	2997182	89.21%	15.912%
8	27.495	2444	2450	2456	rBV	39914	77057	2.29%	0.409%
9	33.571	3107	3113	3132	rBV	857602	2016962	60.03%	10.708%
10	37.786	3565	3573	3591	rBV2	508525	1454033	43.28%	7.720%

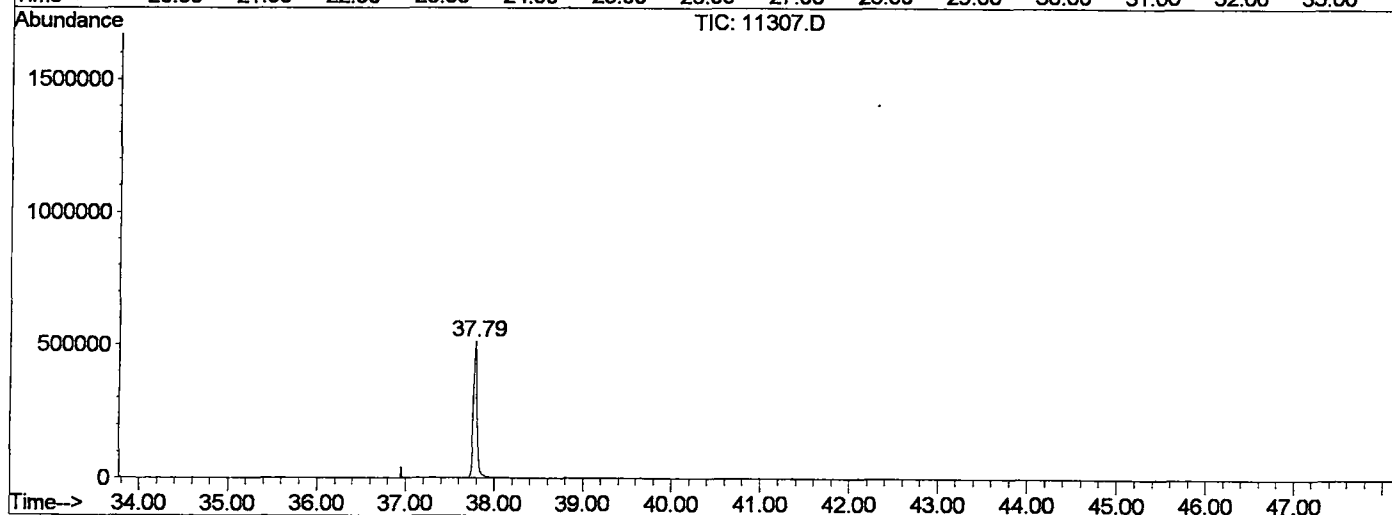
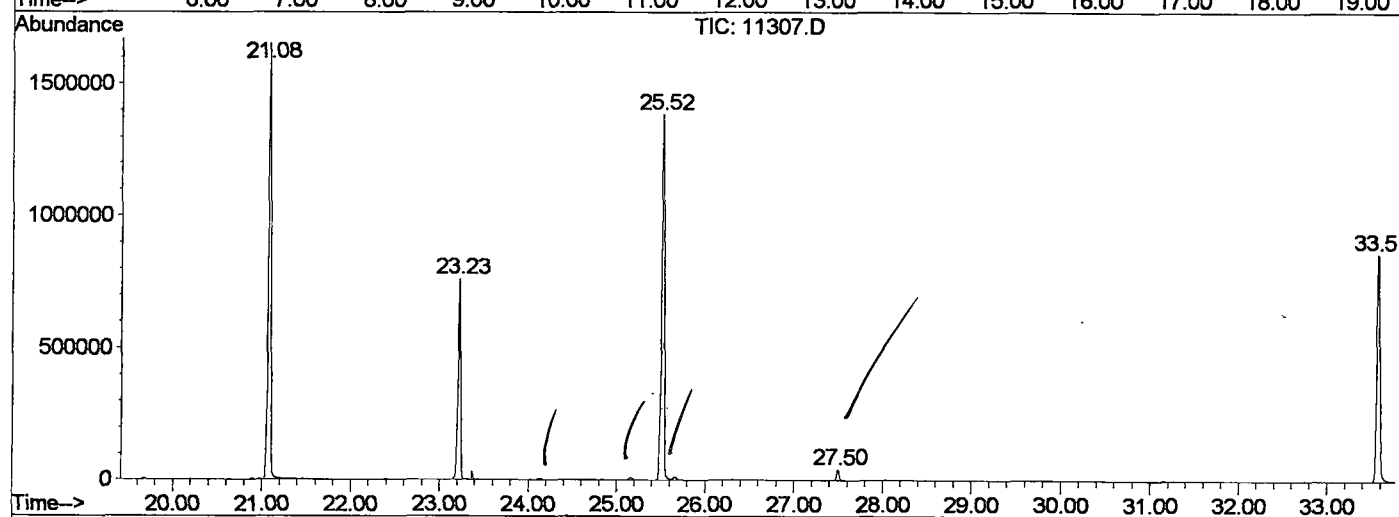
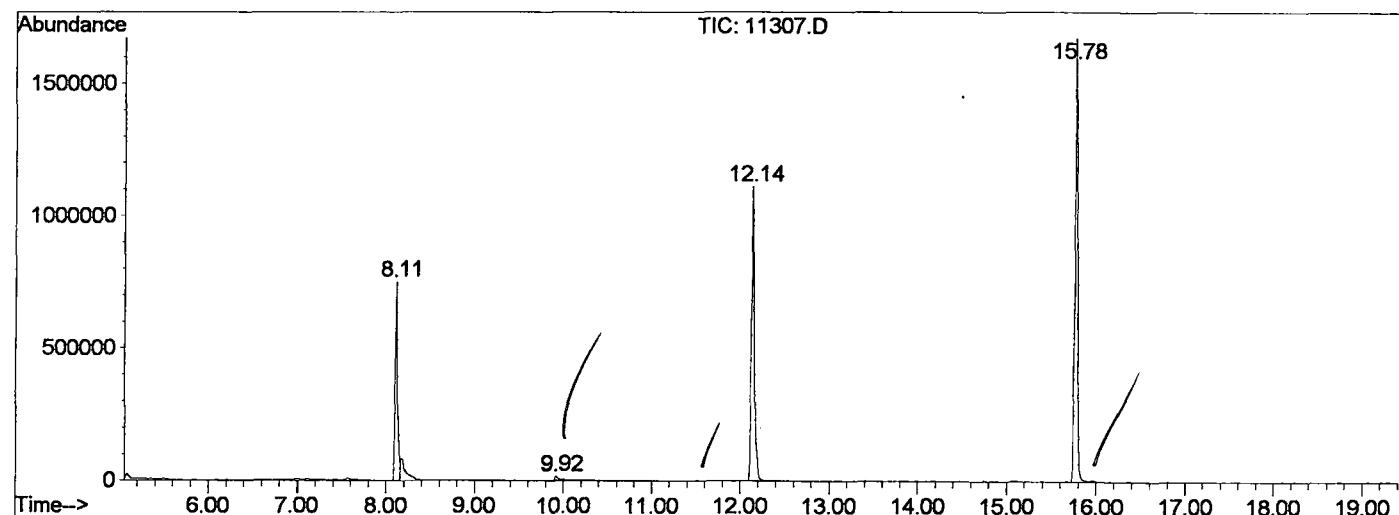
Sum of corrected areas: 18835669

11307.D GCMS0520.M

Wed May 22 09:20:49 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2102\11307.D
Operator :
Acquired : 21 May 2002 8:29 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACT5/14
Misc Info :
Vial Number: 21
Quant File : GCMS0520.RES (RTE Integrator)



11307.D GCMS0520.M Wed May 22 09:20:49 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11307.D
Acq On : 21 May 2002 8:29 pm
Sample : EXTRACT5/14
Misc :
MS Integration Params: LSCINT.P

Vial: 21
Operator:
Inst : 209
Multiplr: 1.00

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

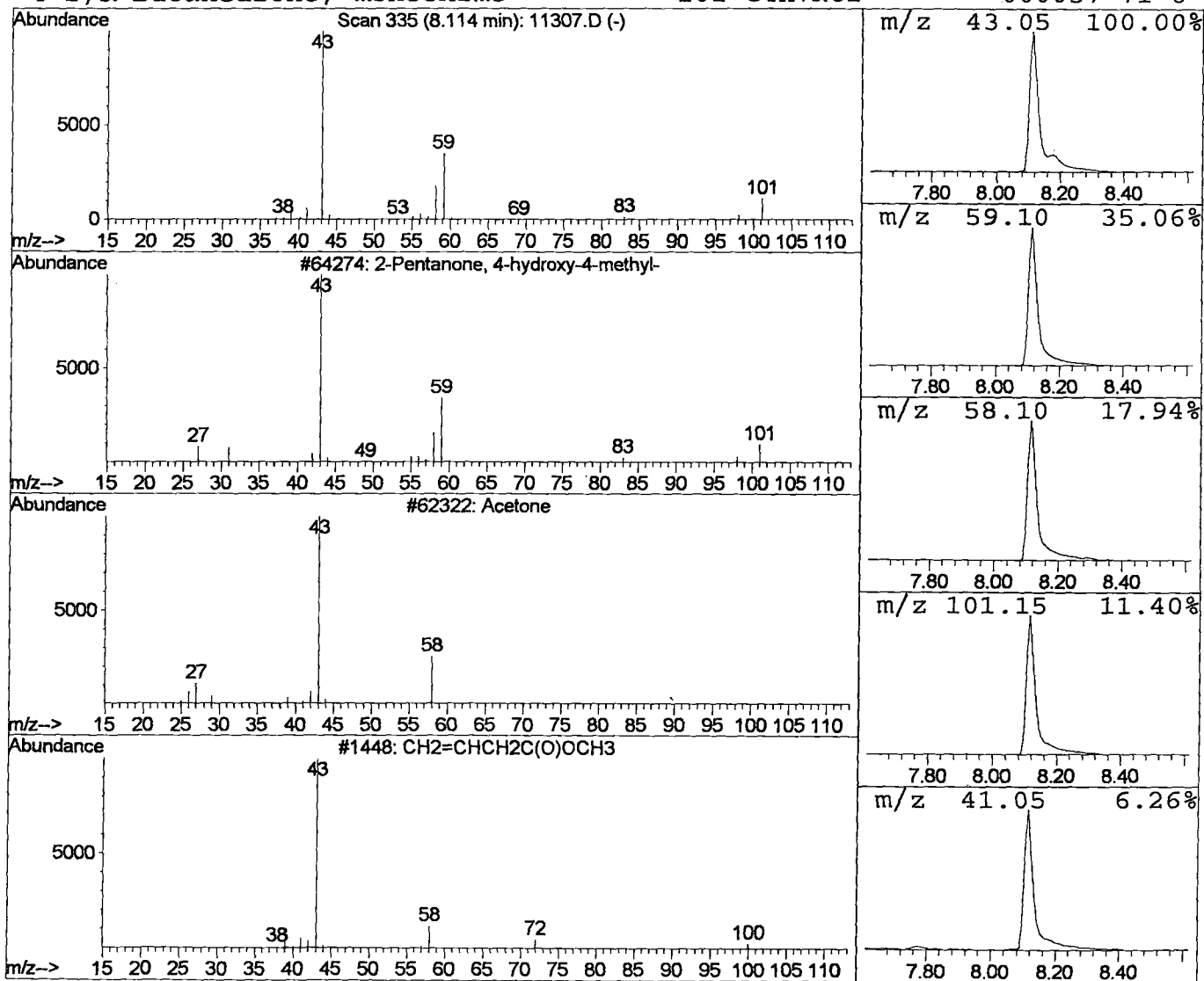
Title : 209 625/TCLP calibration table

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.
8.11	22.04 ug/l	1414560	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	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9	
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7	



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11307.D
 Acq On : 21 May 2002 8:29 pm
 Sample : EXTRACT5/14
 Misc :
 MS Integration Params: LSCINT.P

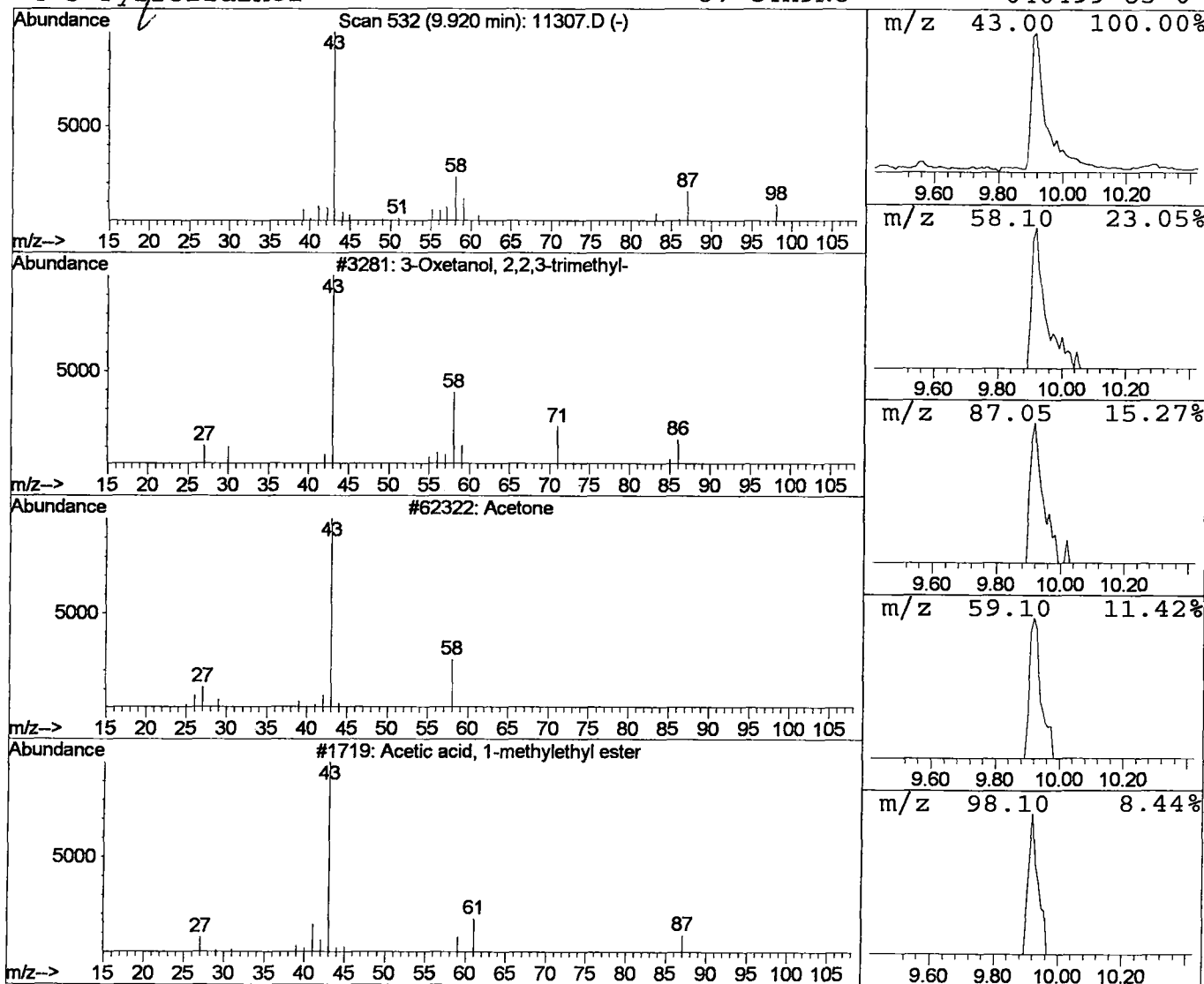
Vial: 21
 Operator:
 Inst : 209
 Multiplr: 1.00

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

 Peak Number 2 3-Oxetanol, 2,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	0.57 ug/l	36721	1,4-Dichlorobenzene-d4	12.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Oxetanol, 2,2,3-trimethyl-	116	C6H12O2	025910-96-7	28
2		Acetone	58	C3H6O	000067-64-1	25
3		Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	17
4		3-Pyrrolidinol	87	C4H9NO	040499-83-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 21 May 2002 8:29 pm
Data File: C:\HPCHEM\1\DATA\MAY2102\11307.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	22.0	ug/l	1414560	ISTD01	12.14	2567590	40.0
3-Oxetanone, 2,2,3-tr	9.92	0.6	ug/l	36721	ISTD01	12.14	2567590	40.0

11307.D GCMS0520.M Wed May 22 09:20:51 2002