

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/22/2002 Time: 08:21:56

Sample: AE10522
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/22/02 08:21 Ended: 5/22/02 08:21 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		10.0

Comments for Sample AE10522 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-22-2002 Time: 08:22:29

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

Data File : C:\HPCHEM\1\DATA\MAY1002\10522.D

Vial: 45

Acq On : 12 May 2002 8:58 am

Operator:

Sample : gc/ms scan 5/2 fb

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 16 16:11 2002

Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Thu May 16 09:35:44 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	717466	40.00	ug/l	-0.03
10) Naphthalene-d8	15.79	136	2604312	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.11	164	1419483	40.00	ug/l	-0.03
30) Phenanthrene-d10	25.55	188	2010531	40.00	ug/l	-0.02
38) Chrysene-d12	33.61	240	1180512	40.00	ug/l	-0.02
44) Perylene-d12	37.84	264	694767	40.00	ug/l	-0.02

System Monitoring Compounds

28) TCMX	23.24	209	53438	7.57	ug/L	-0.03
Spiked Amount	10.000		Recovery	=	75.70%	

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	15.85	128	377	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	22.59	149	786	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	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	25.55	178	589	N.D.	

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

10522.D GCMS0510.M

Thu May 16 16:17:02 2002

Page 1

Data File : C:\HPCHEM\1\DATA\MAY1002\10522.D
Acq On : 12 May 2002 8:58 am
Sample : gc/ms scan 5/2 fb
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 16 16:11 2002

Vial: 45
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) Anthracene	25.55	178	589	N.D.		
36) Di-n-butylphthalate	27.52	149	2776	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	2550	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.83	149	5153	N.D.		
43) Chrysene	33.61	228	2550	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	37.84	252	2742	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

10522.D GCMS0510.M Thu May 16 16:17:02 2002

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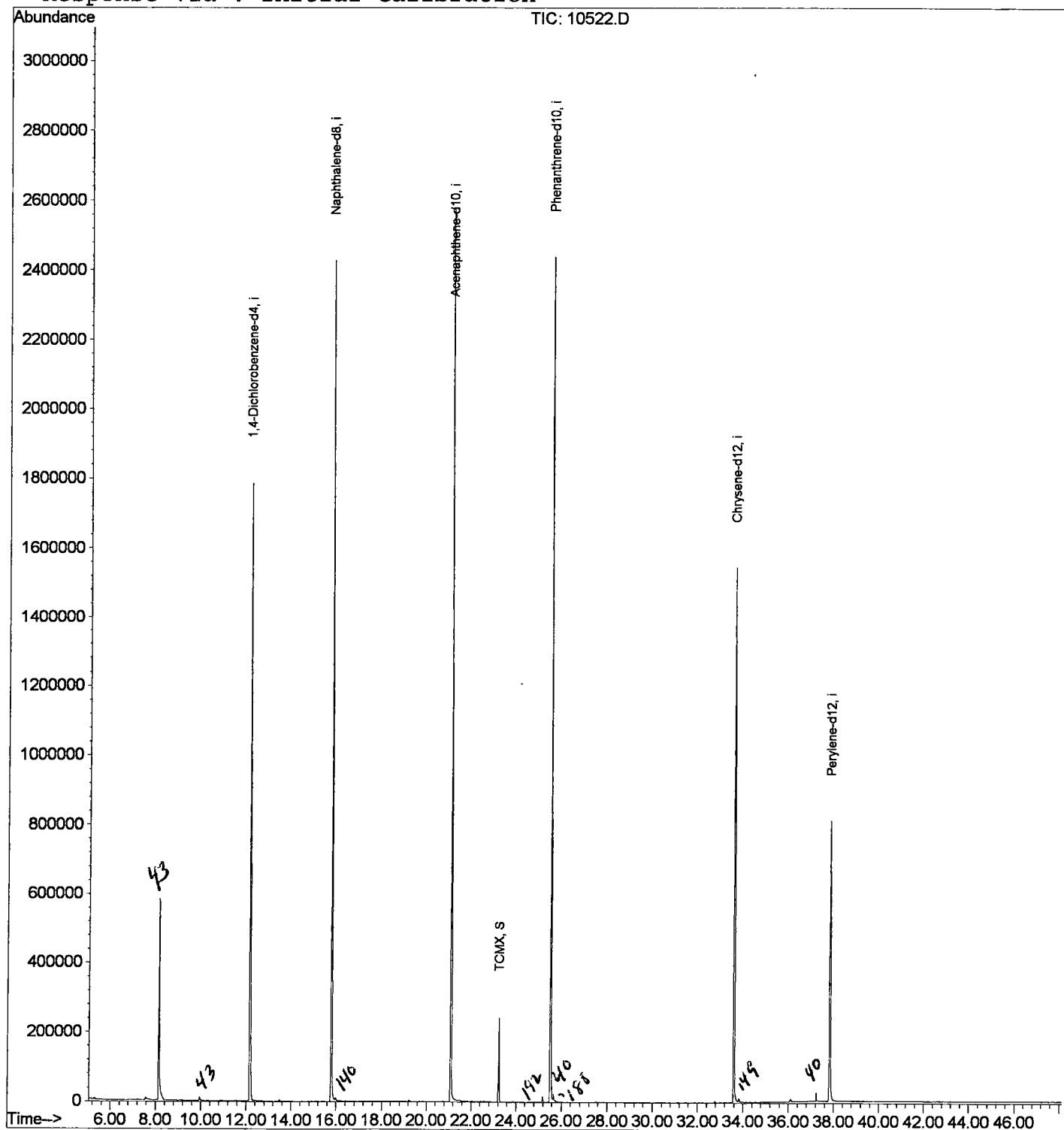
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10522.D
Acq On : 12 May 2002 8:58 am
Sample : gc/ms scan 5/2 fb
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 16 16:11 2002 Q

Vial: 45
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0510.RES

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Method       : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title        : 209 625/TCLP calibration table
Last Update  : Thu May 16 09:35:44 2002
Response via : Initial Calibration
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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10522.D

Vial: 45

Acq On : 12 May 2002 8:58 am

Operator:

Sample : gc/ms scan 5/2 fb

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	8.130	334	337	365	rVB	582448	1353722	23.75%	4.811%
2	12.162	771	777	795	rBV	1785008	4068629	71.38%	14.459%
3	15.791	1167	1173	1189	rBV	2427139	5112061	89.69%	18.167%
4	21.105	1745	1753	1772	rBV	2579672	5699707	100.00%	20.255%
5	23.241	1977	1986	1995	rBV	245027	514284	9.02%	1.828%
6	25.550	2230	2238	2243	rBV2	2437578	5312802	93.21%	18.880%
7	25.678	2248	2252	2265	rVB	21822	62811	1.10%	0.223%
8	33.614	3110	3118	3138	rBV2	1544541	3556132	62.39%	12.638%
9	37.838	3569	3579	3598	rBV2	809534	2459317	43.15%	8.740%

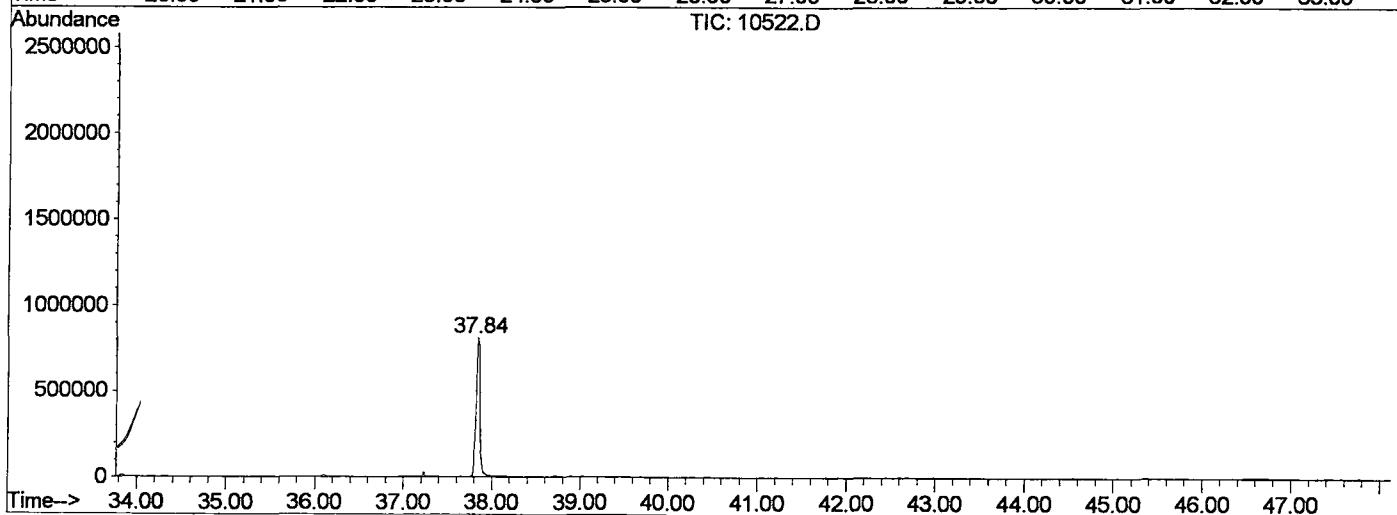
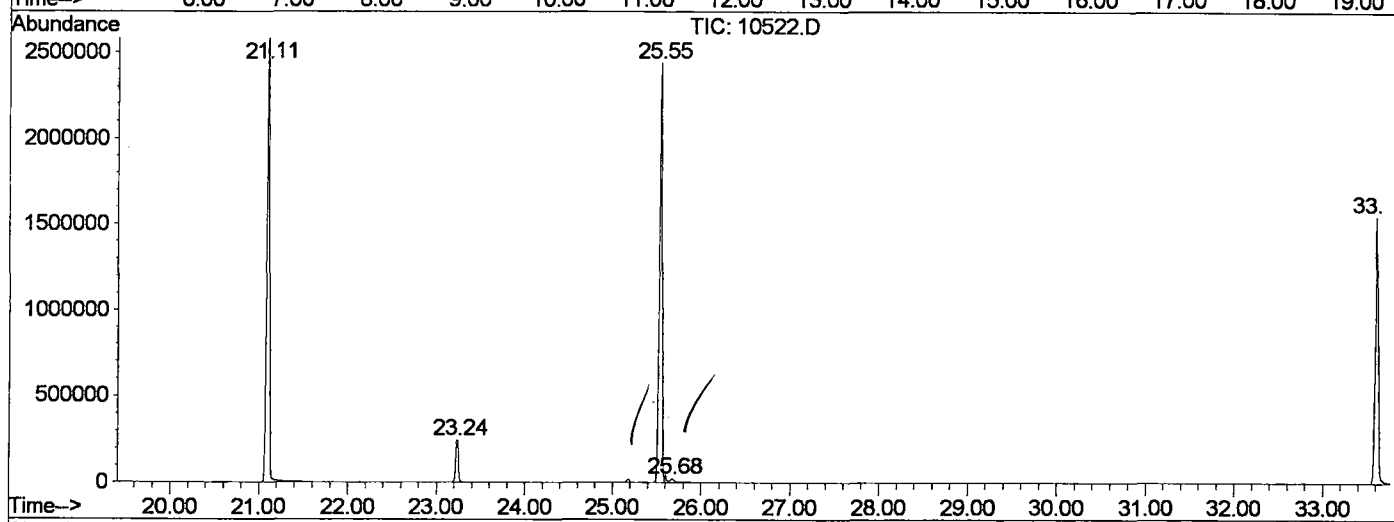
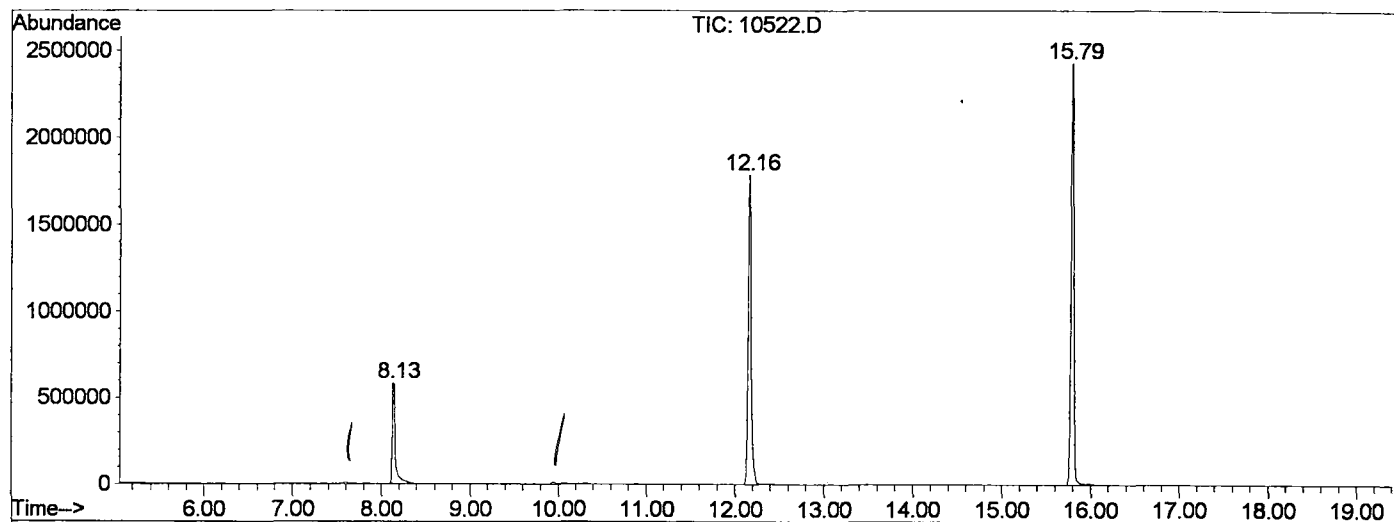
Sum of corrected areas: 28139465

10522.D GCMS0510.M

Thu May 16 16:20:02 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\10522.D
 Operator :
 Acquired : 12 May 2002 8:58 am using AcqMethod GCMS0507
 Instrument : 209
 Sample Name: gc/ms scan 5/2 fb
 Misc Info :
 Vial Number: 45
 Quant File :GCMS0510.RES (RTE Integrator)



10522.D GCMS0510.M Thu May 16 16:20:03 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10522.D
Acq On : 12 May 2002 8:58 am
Sample : gc/ms scan 5/2 fb
Misc :
MS Integration Params: LSCINT.P

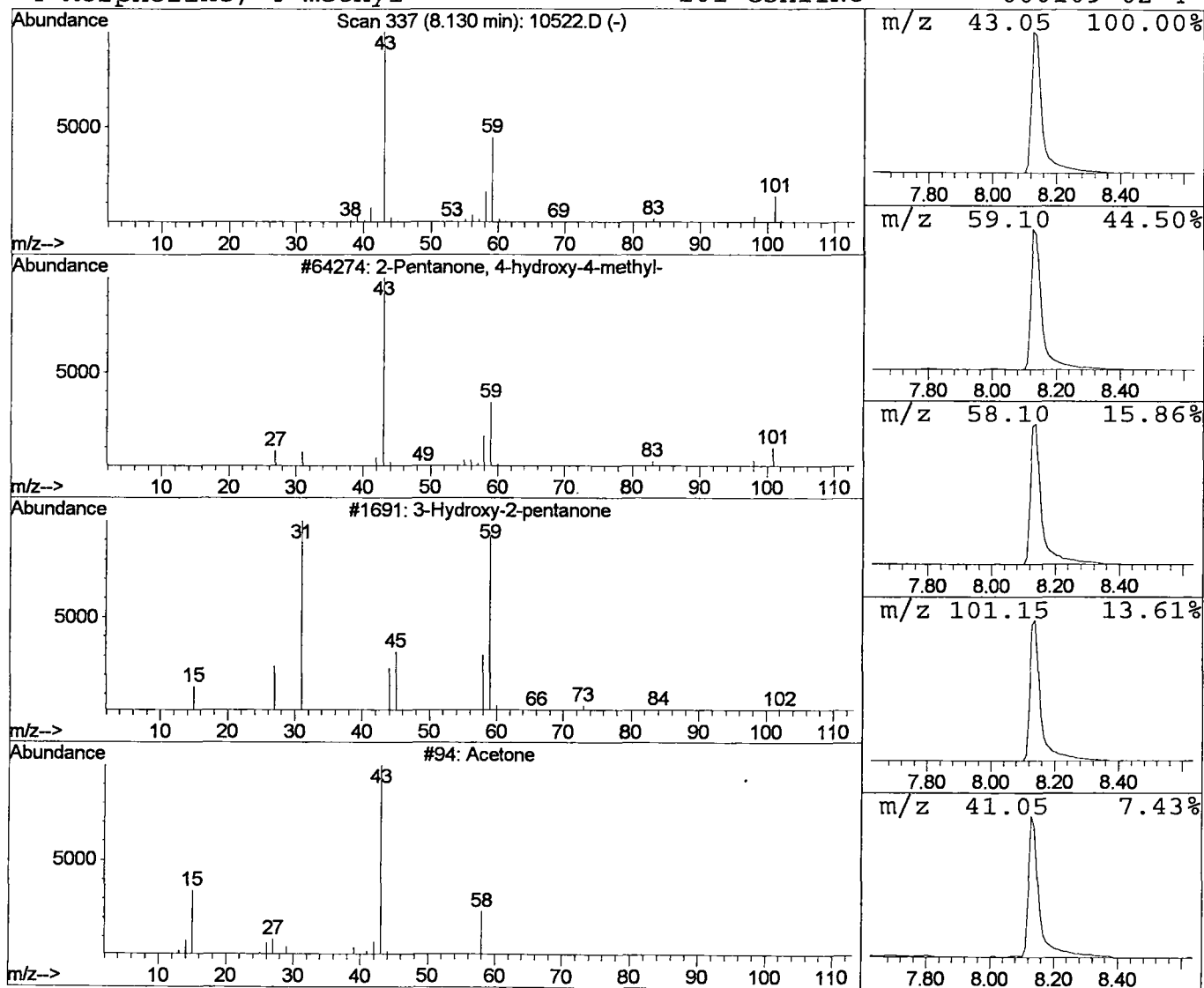
Vial: 45
Operator:
Inst : 209
Multiplr: 1.00

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-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	13.31 ug/l	1353720	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	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9		
3	Acetone	58	C3H6O	000067-64-1	7		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5		



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10522.D
 Acq On : 12 May 2002 8:58 am
 Sample : gc/ms scan 5/2 fb
 Misc :
 MS Integration Params: LSCINT.P

Vial: 45
 Operator:
 Inst : 209
 Multiplr: 1.00

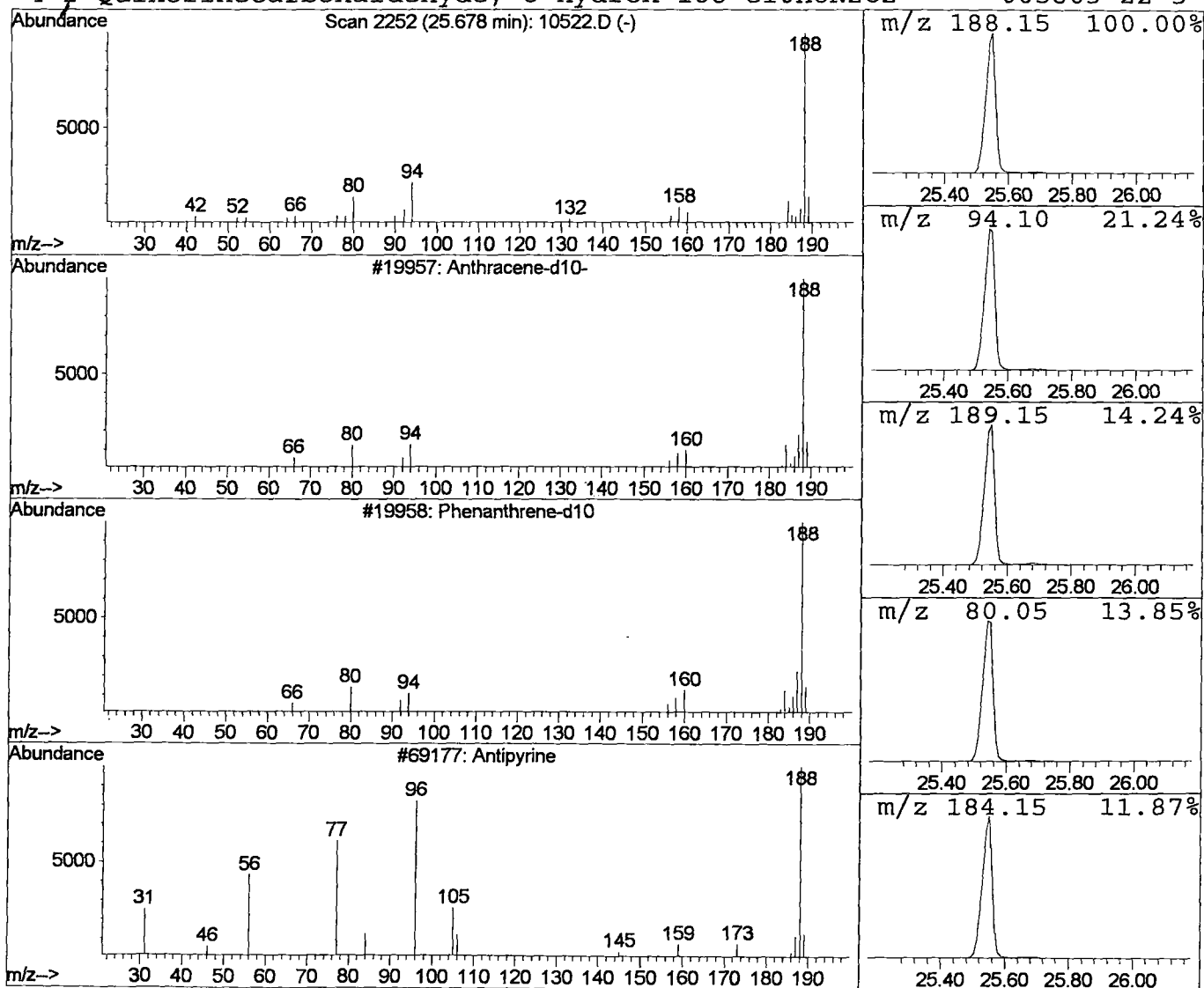
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.68	0.47 ug/l	62811	Phenanthrene-d10	25.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene-d10-	188	C14D10	001719-06-8	72
2		Phenanthrene-d10	188	C14D10	001517-22-2	72
3		Antipyrine	188	C11H12N2O	000060-80-0	40
4		2-Quinolincarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	28

Y7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 12 May 2002 8:58 am
Data File: C:\HPCHEM\1\DATA\MAY1002\10522.D
Name: gc/ms scan 5/2 fb
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	8.13	13.3	ug/l	1353720	ISTD01	12.16	4068630	40.0
Anthracene-d10-	25.68	0.5	ug/l	62811	ISTD04	25.55	5312800	40.0

10522.D GCMS0510.M Thu May 16 16:20:06 2002