

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/29/2002 Time: 15:10:46

Sample: AE07106
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/29/02 15:10 Ended: 4/29/02 15:10 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		10.0

Comments for Sample AE07106 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-29-2002 Time: 15:11:53

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

The recoveries for 5 of the 43 compounds in the LCS Standard were low.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2402\7106.D
 Acq On : 25 Apr 2002 2:29 am
 Sample : gc/ms scan 4/23
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Apr 25 11:06 2002

Vial: 12
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed Apr 17 11:48:30 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0412

20-200

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	552343	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	2011577	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	1123808	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1654983	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	1064984	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	661562	20.00	ug/l	-0.05

System Monitoring Compounds

28) TCMX	23.28	209	41515	7.37	ug/L	-0.05
Spiked Amount	10.000		Recovery	=	73.70%	
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount	5.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) N-nitroso-dimethyl amine	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-Nitroso-di-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.	
22) Acenaphthylene	0.00	152	0	N.D.	
23) Acenaphthene	0.00	153	0	N.D.	
24) 2,4-Dinitrotoluene	21.43	165	178	N.D.	
25) Diethylphthalate	22.63	149	443	N.D.	
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	

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

7106.D GCMS0412.M

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Quantitation Report

(QT Reviewed)

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 Acq On : 25 Apr 2002 2:29 am
 Sample : gc/ms scan 4/23
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Apr 25 11:06 2002

Vial: 12
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Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed Apr 17 11:48:30 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0412

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.59	178	552	N.D.		
35) Anthracene	25.59	178	552	N.D.		
36) Di-n-butylphthalate	27.55	149	2402	N.D.		
37) Fluoranthene	0.00	202	0	N.D.		
40) Pyrene	0.00	202	0	N.D.		
41) Butylbenzylphthalate	0.00	149	0	N.D.		
42) Benzo(a)anthracene	33.64	228	2492	N.D.		
43) Bis(2-ethylhexyl)phthalate	33.86	149	253	N.D.		
44) Chrysene	33.64	228	2492	N.D.		
46) Di-n-Octylphthalate	0.00	149	0	N.D.		
47) Benzo(b)fluoranthene	0.00	252	0	N.D.		
48) Benzo(k)fluoranthene	0.00	252	0	N.D.		
49) Benzo(a)pyrene	37.87	252	2471	N.D.		
50) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
51) Dibenz(a,h)anthracene	0.00	278	0	N.D.		
52) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

 (#) = qualifier out of range (m) = manual integration
 7106.D GCMS0412.M Thu Apr 25 11:07:36 2002

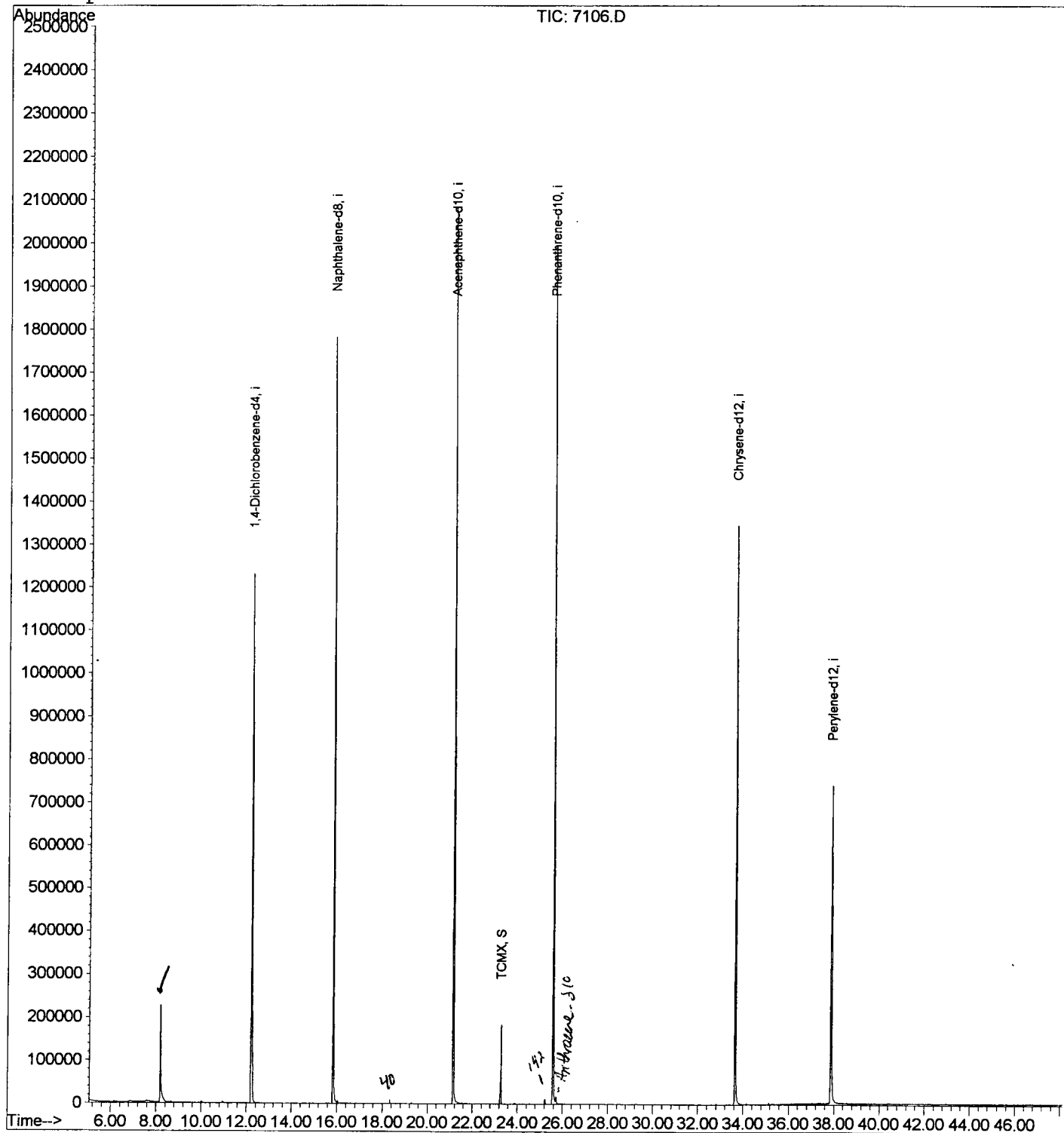
Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2402\7106.D
Acq On : 25 Apr 2002 2:29 am
Sample : gc/ms scan 4/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 25 11:06 2002

Vial: 12
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2402\7106.D
 Acq On : 25 Apr 2002 2:29 am
 Sample : gc/ms scan 4/23
 Misc :
 MS Integration Params: LSCINT.P

Vial: 12
 Operator:
 Inst : 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

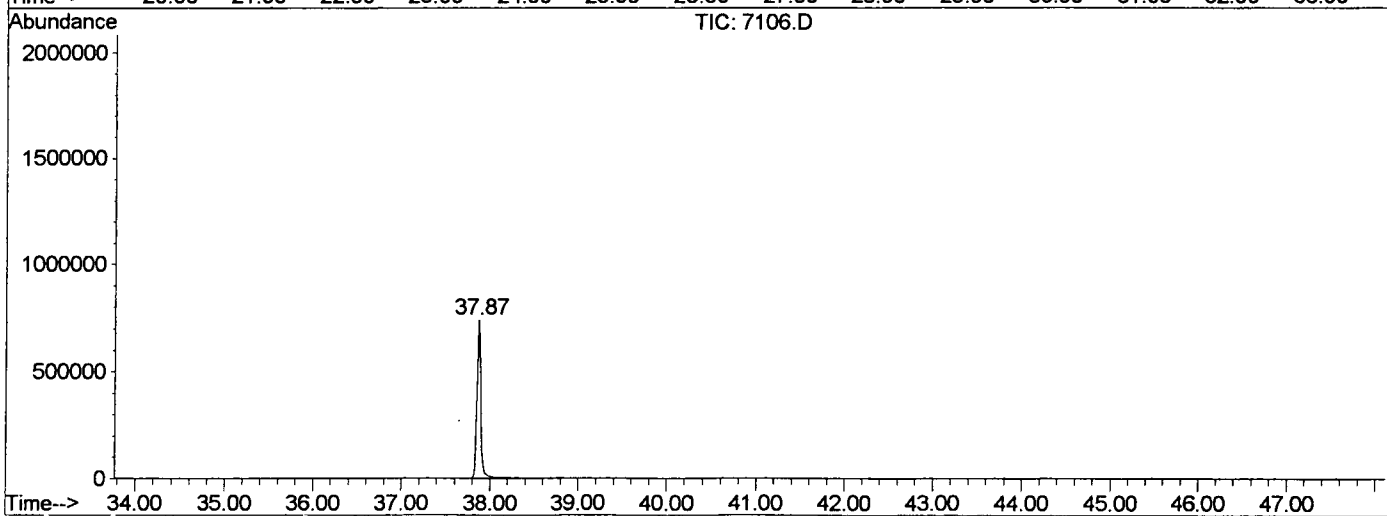
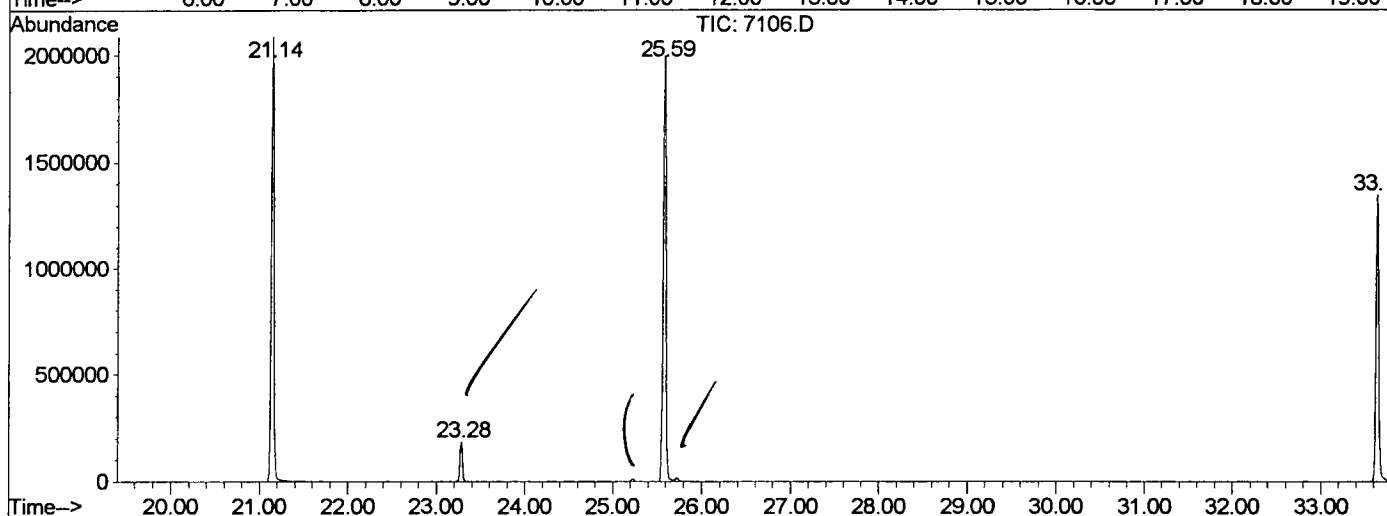
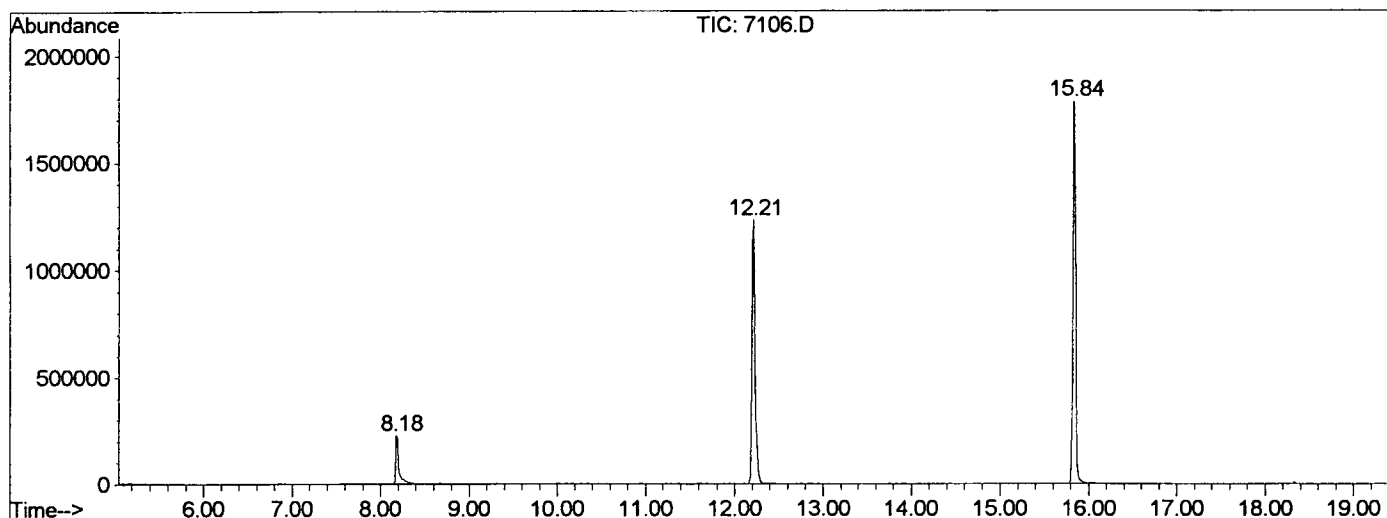
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.182	339	342	366	rBV	225859	567513	13.23%	2.641%
2	12.212	775	781	796	rBV	1231845	2973503	69.34%	13.837%
3	15.838	1170	1176	1192	rBV	1781333	3805137	88.73%	17.707%
4	21.144	1748	1754	1769	rBV	2084956	4288367	100.00%	19.955%
5	23.283	1980	1987	1992	rBV	184078	365275	8.52%	1.700%
6	25.587	2231	2238	2249	rBV2	1995335	4191859	97.75%	19.506%
7	33.639	3108	3115	3134	rBV2	1345761	3073728	71.68%	14.303%
8	37.871	3568	3576	3595	rBV2	737929	2224463	51.87%	10.351%

Sum of corrected areas: 21489845

7106.D GCMS0412.M Thu Apr 25 11:16:32 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2402\7106.D
 Operator :
 Acquired : 25 Apr 2002 2:29 am using AcqMethod GCMS0412
 Instrument : 209
 Sample Name: gc/ms scan 4/23
 Misc Info :
 Vial Number: 12
 Quant File :GCMS0412.RES (RTE Integrator)



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2402\7106.D

Acq On : 25 Apr 2002 2:29 am

Sample : gc/ms scan 4/23

Misc :

MS Integration Params: LSCINT.P

Vial: 12

Operator:

Inst : 209

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)

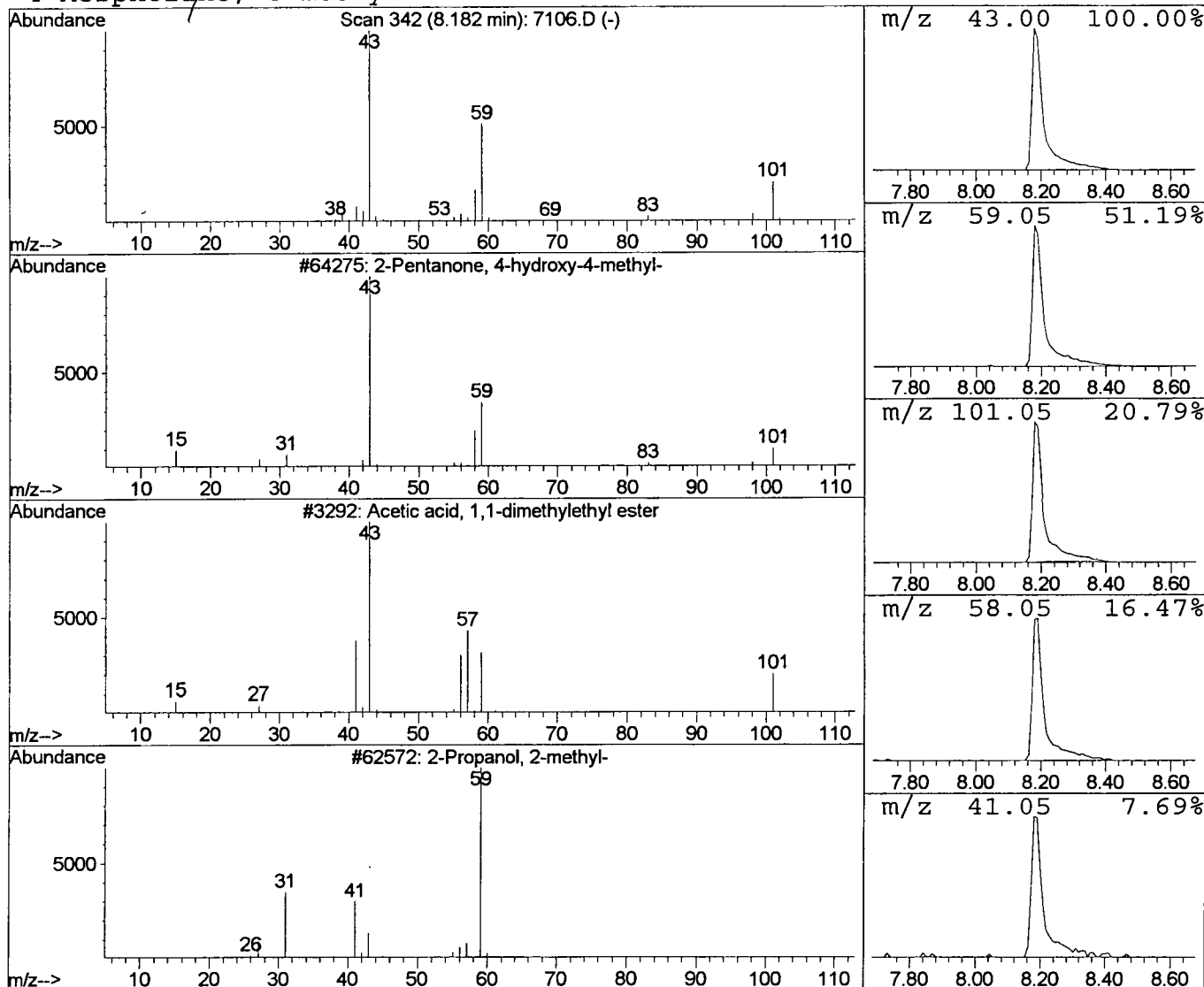
Title : 209 625/TCLP calibration table

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.
8.18	3.82 ug/l	567513	1,4-Dichlorobenzene-d4	12.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3			2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 25 Apr 2002 2:29 am
Data File: C:\HPCHEM\1\DATA\APR2402\7106.D
Name: gc/ms scan 4/23
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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	8.18	3.8	ug/l	567513	ISTD01	12.21	2973500	20.0

7106.D GCMS0412.M Thu Apr 25 11:16:34 2002