User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 12:04:41

Sample: AE08757
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/6/02 12:04 Ended: 5/6/02 12:04 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		100		10.0

Comments for Sample AE08757 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-06-2002 Time: 12:05:16

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2502\8757.D Vial: 6
Acq On : 26 Apr 2002 10:17 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 1 11:25 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	411526	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1504872	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	847021	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.58	188	1251796	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	829761	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	534162	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	42679	9.97	ug/L	-0.05
Spiked Amount 10.000			Recovery = 99.70%			
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	15.90	128	344	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	21.39	165	186	N.D.		
25) Diethylphthalate	22.63	149	221	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 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

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Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 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	25.58	178	356	N.D.	
35)	Anthracene	25.58	178	356	N.D.	
36)	Di-n-butylphthalate	27.56	149	2467	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	33.63	228	2330	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	2564	N.D.	
44)	Chrysene	33.71	228	695	N.D.	
46)	Di-n-Octylphthalate	35.60	149	207	N.D.	
47)	Benzo(b)fluoranthene	36.69	252	316	N.D.	
48)	Benzo(k)fluoranthene	36.77	252	519	N.D.	
49)	Benzo(a)pyrene	37.87	252	2038	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.	

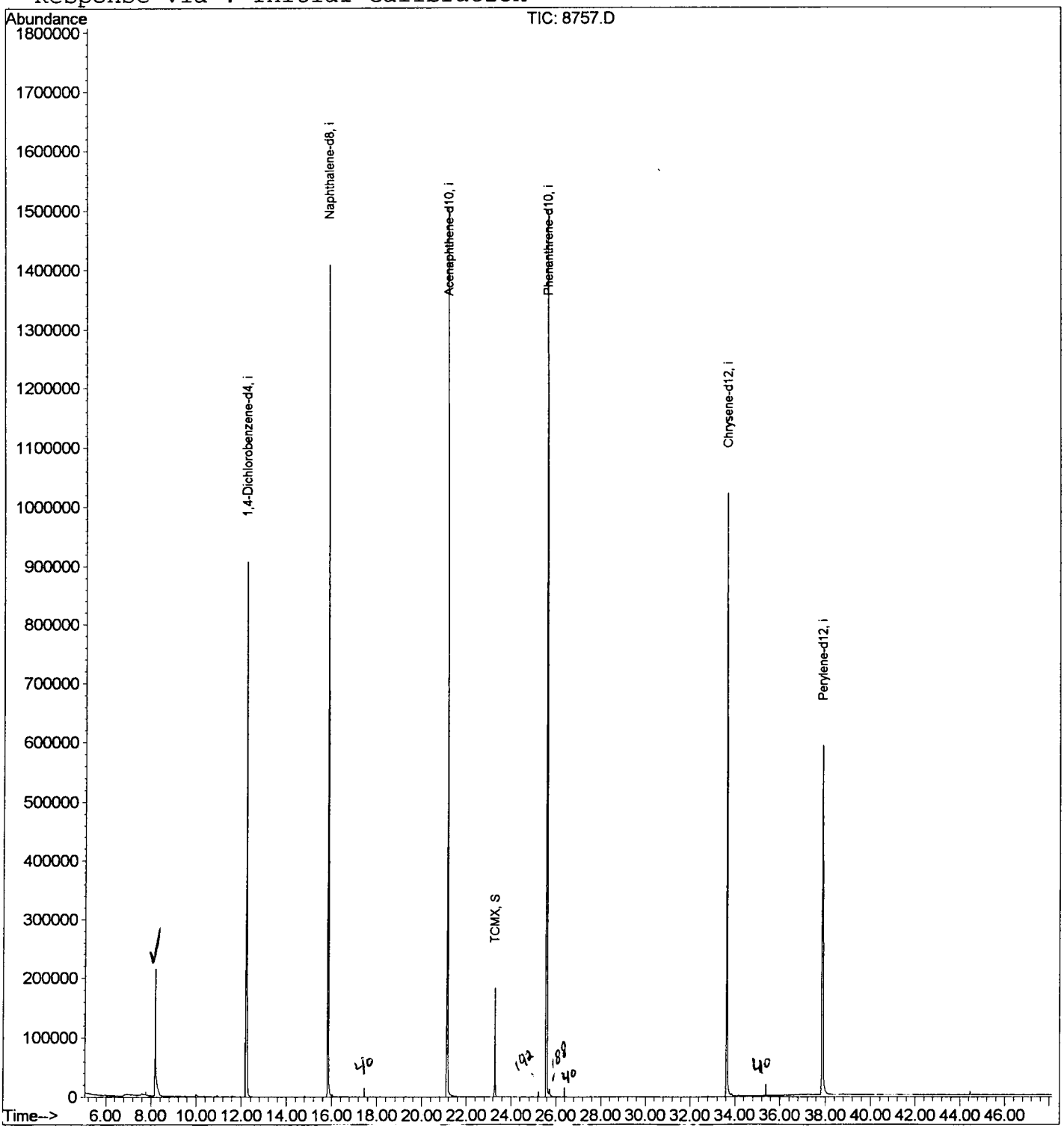
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2502\8757.D
Acq On : 26 Apr 2002 10:17 pm
Sample : gc/ms scan 4/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 1 11:25 2002

Vial: 6
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 : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2502\8757.D Vial: 6
Acq On : 26 Apr 2002 10:17 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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

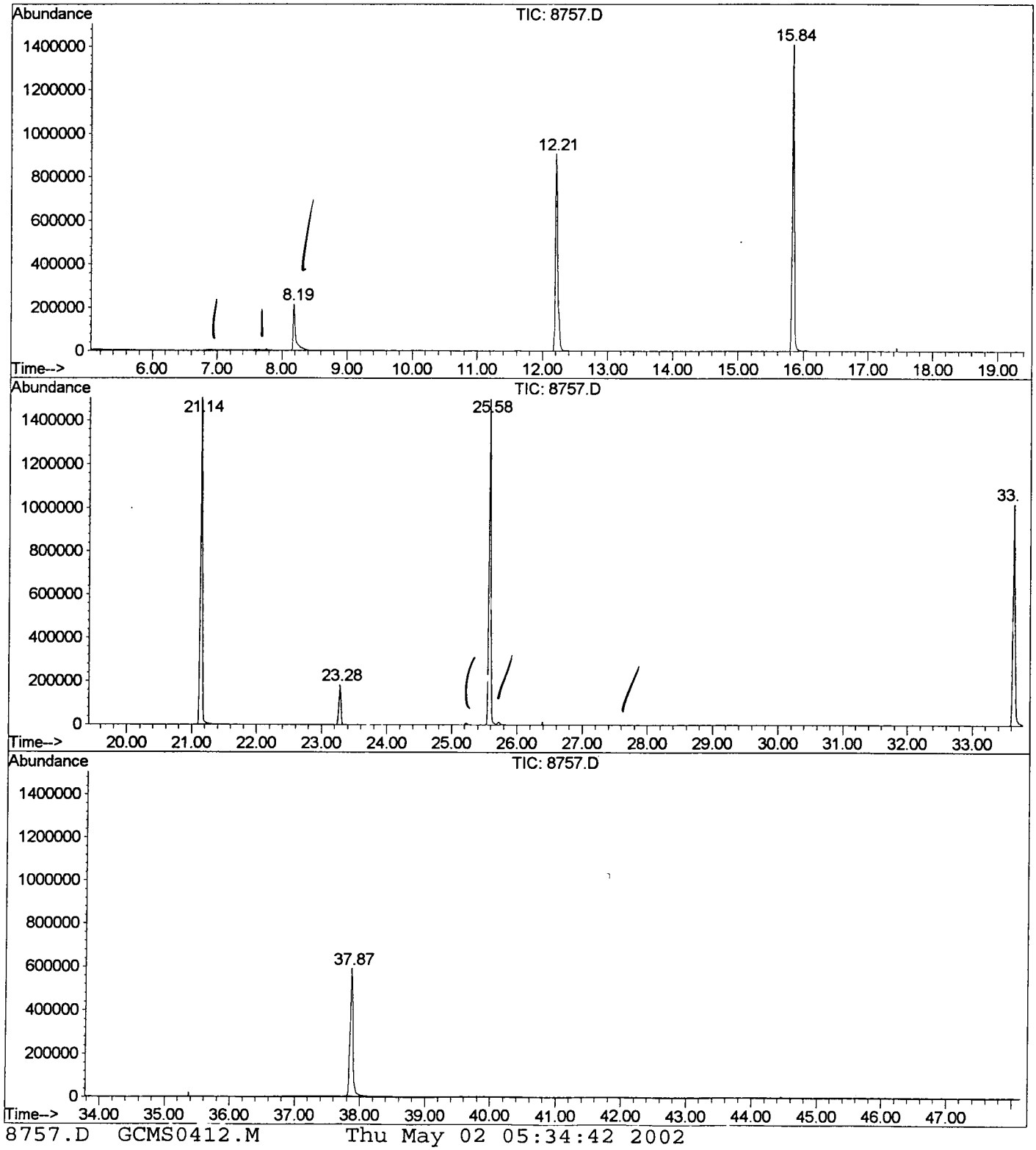
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.187	338	342	369	rVB	213352	545802	16.90%	3.297%
2	12.208	775	780	794	rBV	907153	2236255	69.23%	13.508%
3	15.843	1170	1176	1194	rBV	1408947	2854240	88.36%	17.240%
4	21.140	1747	1753	1768	rBV	1506150	3230267	100.00%	19.512%
5	23.279	1975	1986	1993	rBV	183312	371982	11.52%	2.247%
6	25.584	2231	2237	2249	rBV2	1500022	3141371	97.25%	18.975%
7	33.644	3108	3115	3135	rBV2	1021366	2387621	73.91%	14.422%
8	37.867	3567	3575	3596	rBV2	589821	1788053	55.35%	10.800%

Sum of corrected areas: 16555591

8757.D GCMS0412.M Thu May 02 05:34:41 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2502\8757.D
Operator :
Acquired : 26 Apr 2002 10:17 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/23
Misc Info :
Vial Number: 6
Quant File :GCMS0412.RES (RTE Integrator)



8757.D GCMS0412.M Thu May 02 05:34:42 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2502\8757.D Vial: 6
Acq On : 26 Apr 2002 10:17 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

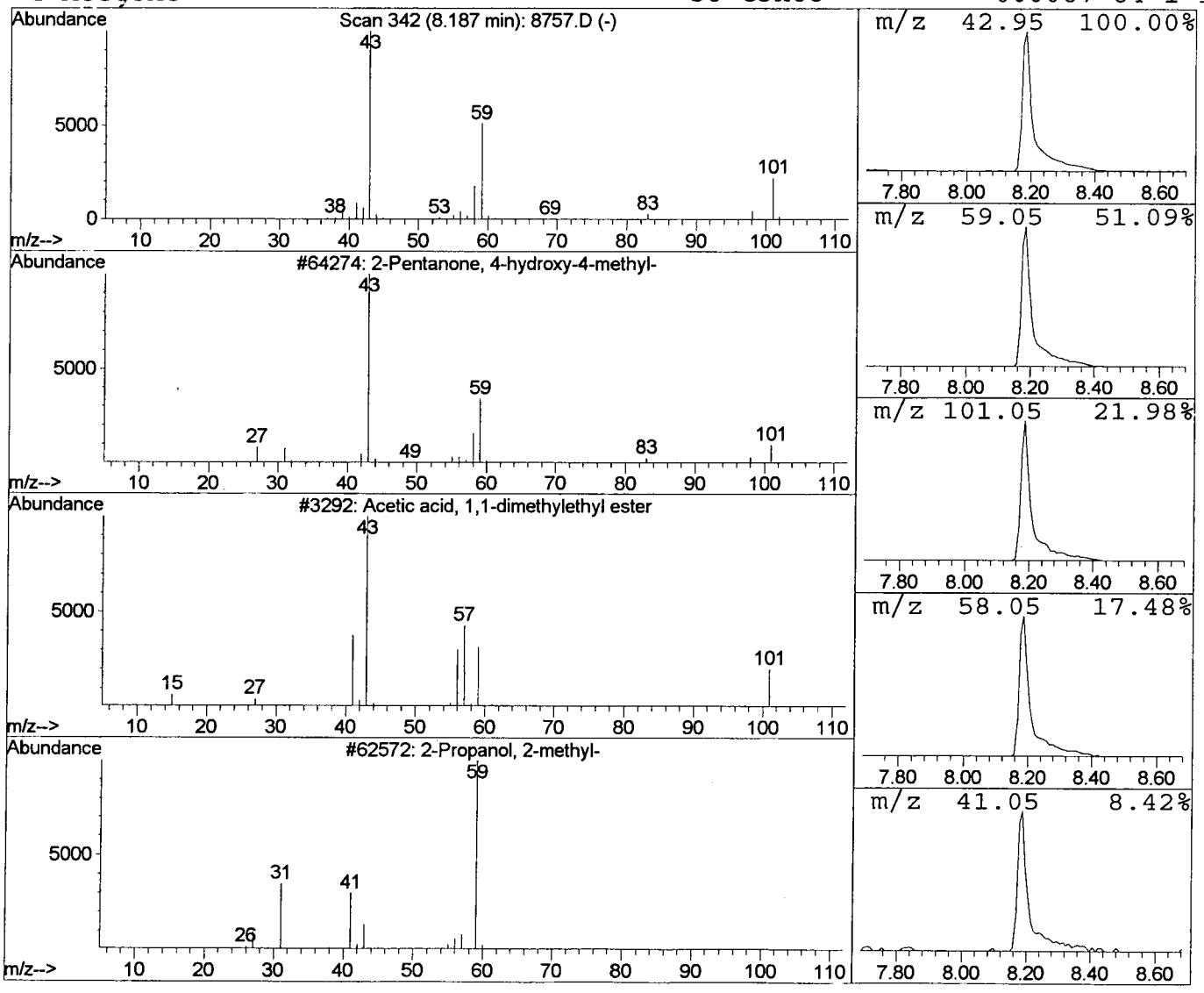
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	4.88 ug/l	545802	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	56
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	Acetone	58	C3H6O	000067-64-1	10



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Apr 2002 10:17 pm
Data File: C:\HPCHEM\1\DATA\APR2502\8757.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	8.19	4.9	ug/l	545802	ISTD01	12.21	2236260	20.0

8757.D GCMS0412.M Thu May 02 05:34:43 2002