User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 11:12:34

Sample: AE08688
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/26/02 11:12 Ended: 4/26/02 11:12 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		73		10.0

Comments for Sample AE08688 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-26-2002 Time: 11:13:06

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\APR2202\8688.D Vial: 10
Acq On : 22 Apr 2002 6:00 pm Operator:
Sample : gc/ms scan 4/11 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 7:57 2002 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	485839	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1769232	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1013579	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1470668	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	967757	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	633677	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	36892	7.26	ug/L	-0.05
Spiked Amount 10.000			Recovery = 72.60%			
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	100	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	22.63	149	1672	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

Quantitation Report (QT Reviewed)

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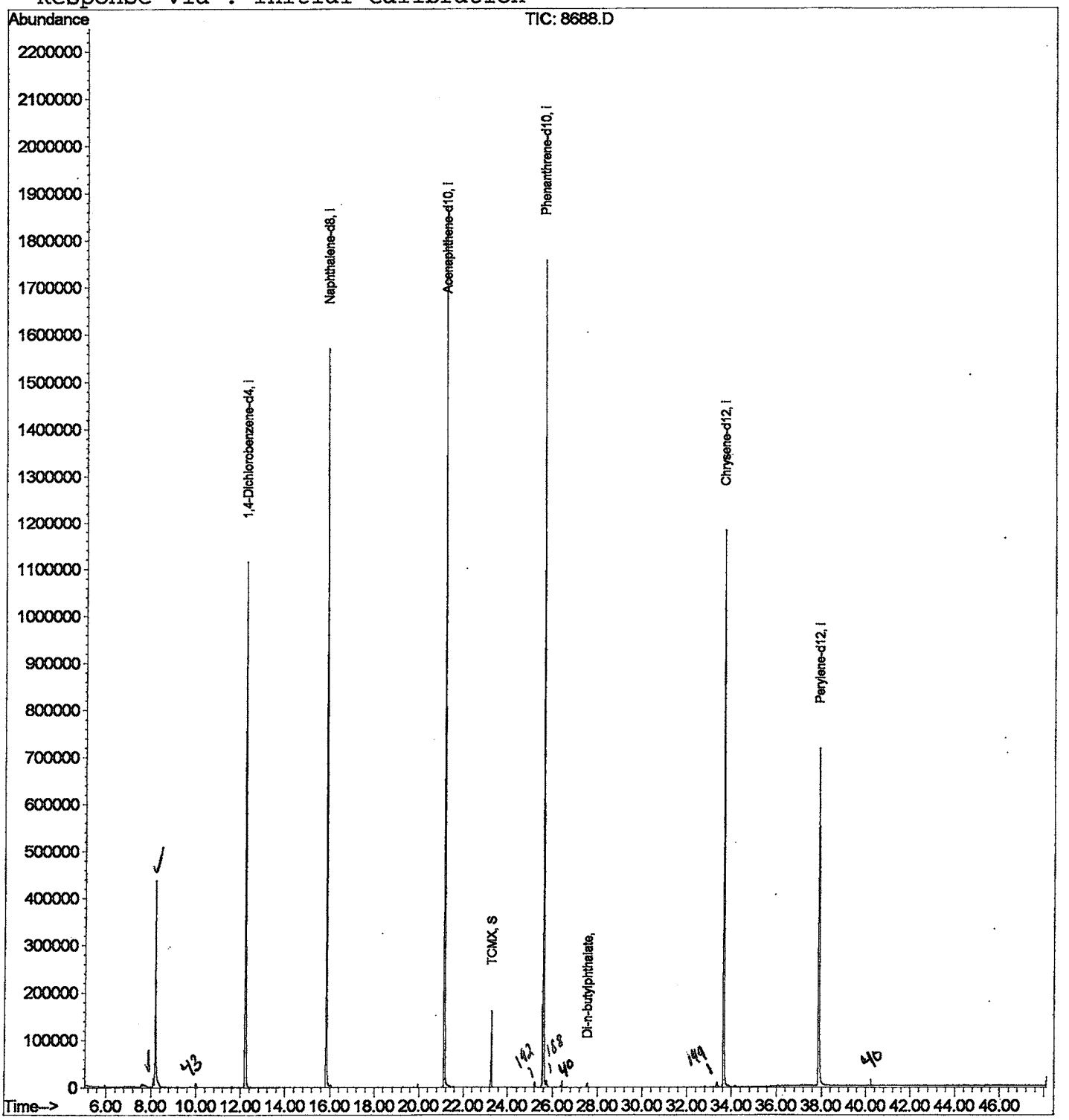
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.59	178	408	N.D.	
35) Anthracene	25.59	178	408	N.D.	
36) Di-n-butylphthalate	27.55	149	12352	0.26 ug/l #	98
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.65	228	2192	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	1896	N.D.	
44) Chrysene	33.71	228	535	N.D.	
46) Di-n-Octylphthalate	36.05	149	895	N.D.	
47) Benzo(b)fluoranthene	36.72	252	516	N.D.	
48) Benzo(k)fluoranthene	36.72	252	516	N.D.	
49) Benzo(a)pyrene	37.87	252	2433	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\APR2202\8688.D Vial: 10
Acq On : 22 Apr 2002 6:00 pm Operator:
Sample : gc/ms scan 4/11 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 7:57 2002 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\APR2202\8688.D Vial: 10
Acq On : 22 Apr 2002 6:00 pm Operator:
Sample : gc/ms scan 4/11 fb 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

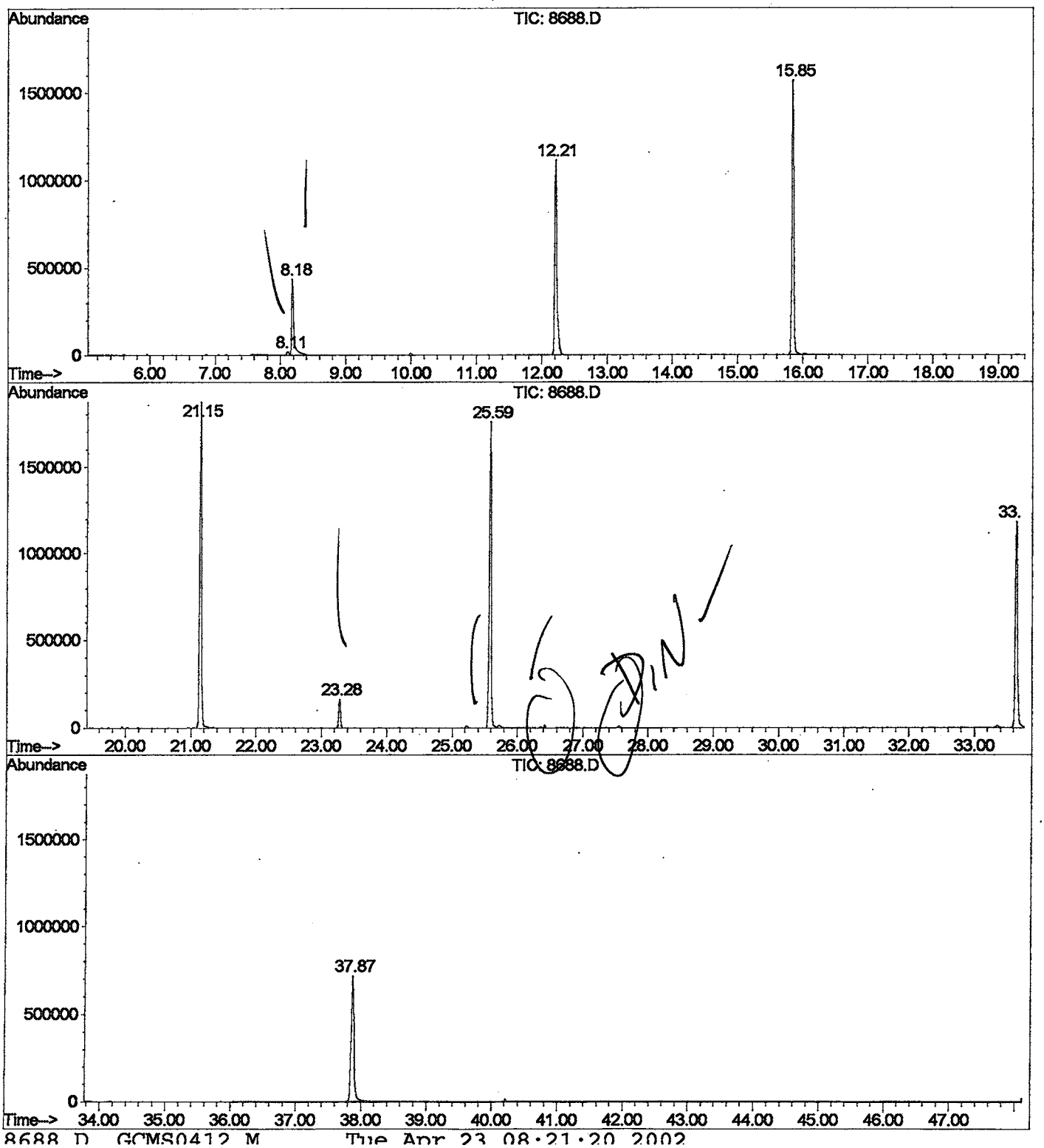
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.109	330	334	339	rBV	18957	42355	1.11%	0.216%
2	8.183	339	342	369	rVB	436931	955219	24.93%	4.871%
3	12.213	775	781	800	rBV	1114909	2587764	67.55%	13.195%
4	15.848	1171	1177	1192	rBV	1570013	3302318	86.20%	16.838%
5	21.145	1748	1754	1775	rBV	1873843	3831012	100.00%	19.534%
6	23.284	1978	1987	1993	rBV	163193	316771	8.27%	1.615%
7	25.588	2231	2238	2250	rBV2	1758539	3663779	95.63%	18.681%
8	33.640	3108	3115	3131	rBV2	1184101	2786507	72.74%	14.208%
9	37.872	3568	3576	3596	rBV2	715276	2126314	55.50%	10.842%

Sum of corrected areas: 19612039

8688.D GCMS0412.M Tue Apr 23 08:21:19 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2202\8688.D
Operator :
Acquired : 22 Apr 2002 6:00 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/11 fb
Misc Info :
Vial Number: 10
Quant File :GCMS0412.RES (RTE Integrator)



8688.D GCMS0412.M Tue Apr 23 08:21:20 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8688.D
Acq On : 22 Apr 2002 6:00 pm
Sample : gc/ms scan 4/11 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator:
Inst : 209
Multiplr: 1.00

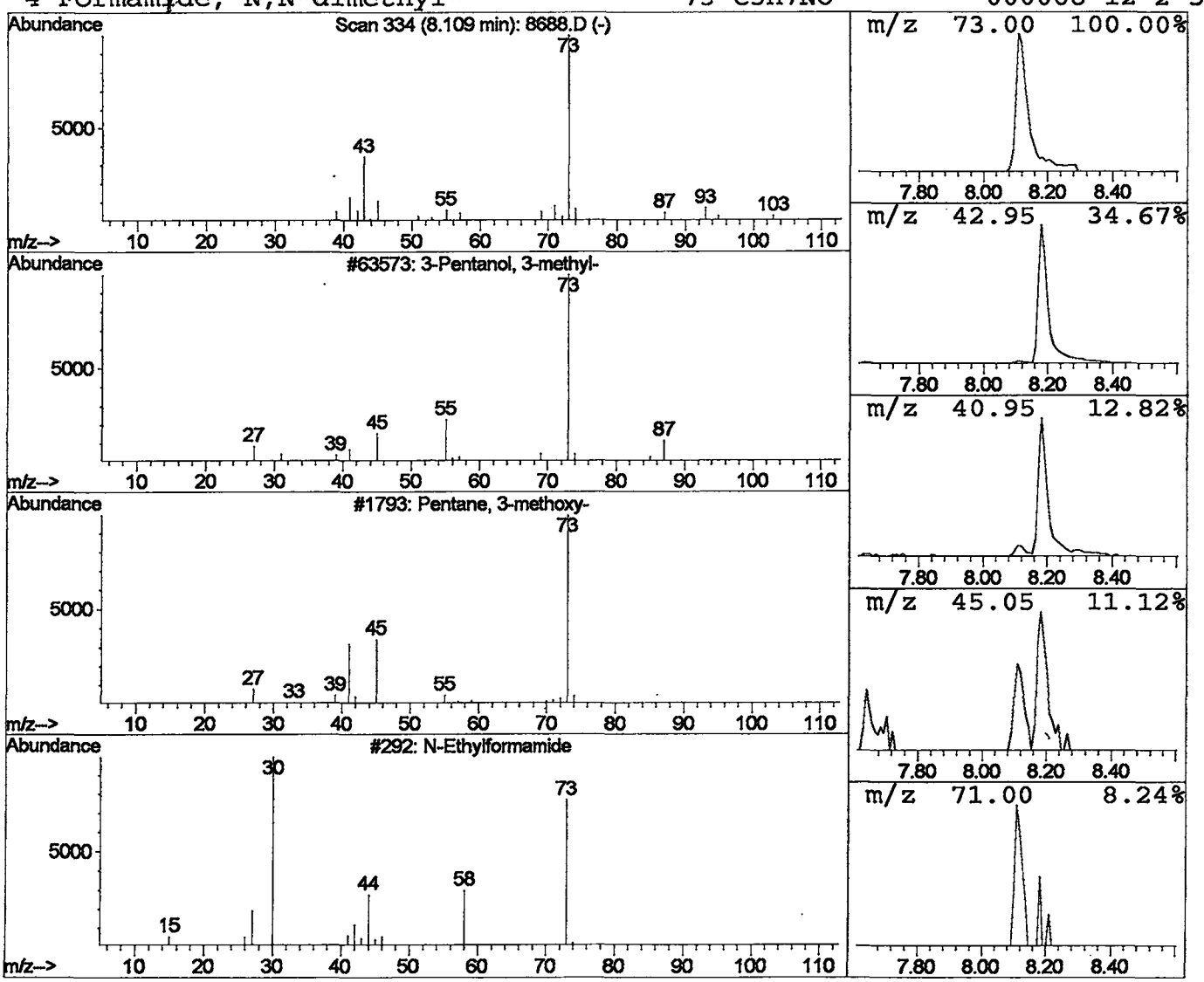
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	0.33 ug/l	42355	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	5
4	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8688.D
Acq On : 22 Apr 2002 6:00 pm
Sample : gc/ms scan 4/11 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator:
Inst : 209
Multiplr: 1.00

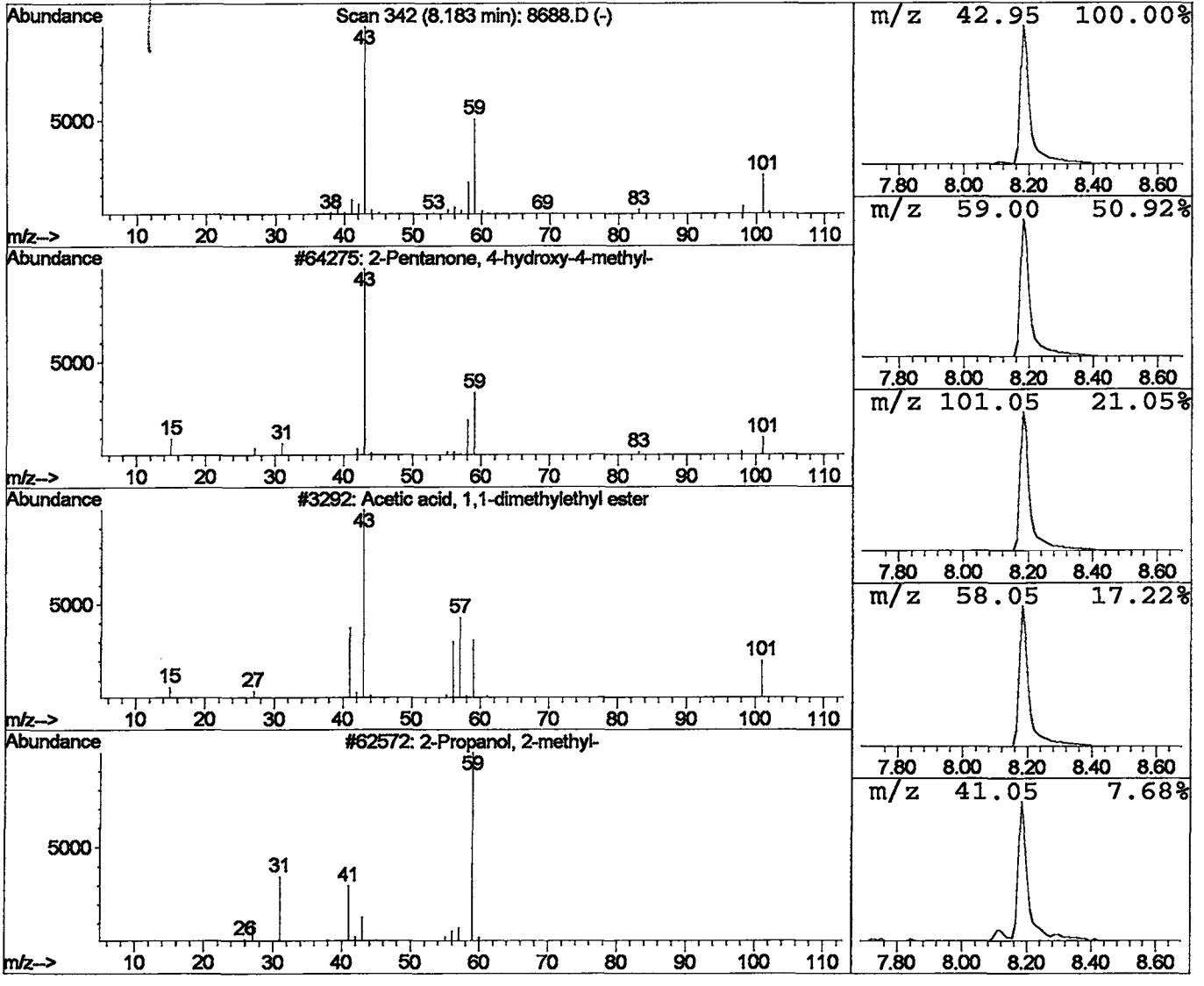
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	7.38 ug/l	955219	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	Acetone	58	C3H6O	000067-64-1	10



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Apr 2002 6:00 pm
Data File: C:\HPCHEM\1\DATA\APR2202\8688.D
Name: gc/ms scan 4/11 fb
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
3-Pentanol, 3-methyl	8.11	0.3	ug/l	42355	ISTD01	12.21	2587760	20.0
2-Pentanone, 4-hydro	8.18	7.4	ug/l	955219	ISTD01	12.21	2587760	20.0

8688.D GCMS0412.M Tue Apr 23 08:21:22 2002