

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:27:51

Sample: AE07498
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/23/02 14:25 Ended: 4/23/02 14:25 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		123		10.0

Comments for Sample AE07498 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-23-2002 Time: 14:28:23

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\APR1802\7498.D

Vial: 6

Acq On : 19 Apr 2002 10:28 pm

Operator:

Sample : gc/ms scan 4/1

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Apr 22 10:32 2002

Quant Results File: GCMS0419.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Apr 19 14:51:24 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	460012	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1672132	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	944507	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1363144	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	863871	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	548886	20.00	ug/l	-0.05

System Monitoring Compounds

28) TCMX	23.29	209	38786	4.93	ug/L	-0.04
Spiked Amount	4.000		Recovery	=	123.25%	
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	345	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	20.49	163	192	N.D.	
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	
22) Acenaphthylene	20.68	152	104	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	1190	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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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\7498.D
Acq On : 19 Apr 2002 10:28 pm
Sample : gc/ms scan 4/1
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 22 10:32 2002

Vial: 6
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0419.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 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	25.66	178	720	N.D.		
35) Anthracene	25.79	178	198	N.D.		
36) Di-n-butylphthalate	27.56	149	2257	N.D.		
37) Fluoranthene	29.28	202	201	N.D.		
40) Pyrene	29.96	202	356	N.D.		
41) Butylbenzylphthalate	0.00	149	0	N.D.		
42) Benzo(a)anthracene	33.64	228	2972	N.D.		
43) Bis(2-ethylhexyl)phthalate	33.86	149	3110	N.D.		
44) Chrysene	33.71	228	1072	N.D.		
46) Di-n-Octylphthalate	0.00	149	0	N.D.		
47) Benzo(b)fluoranthene	36.71	252	886	N.D.		
48) Benzo(k)fluoranthene	36.76	252	614	N.D.		
49) Benzo(a)pyrene	37.67	252	231	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

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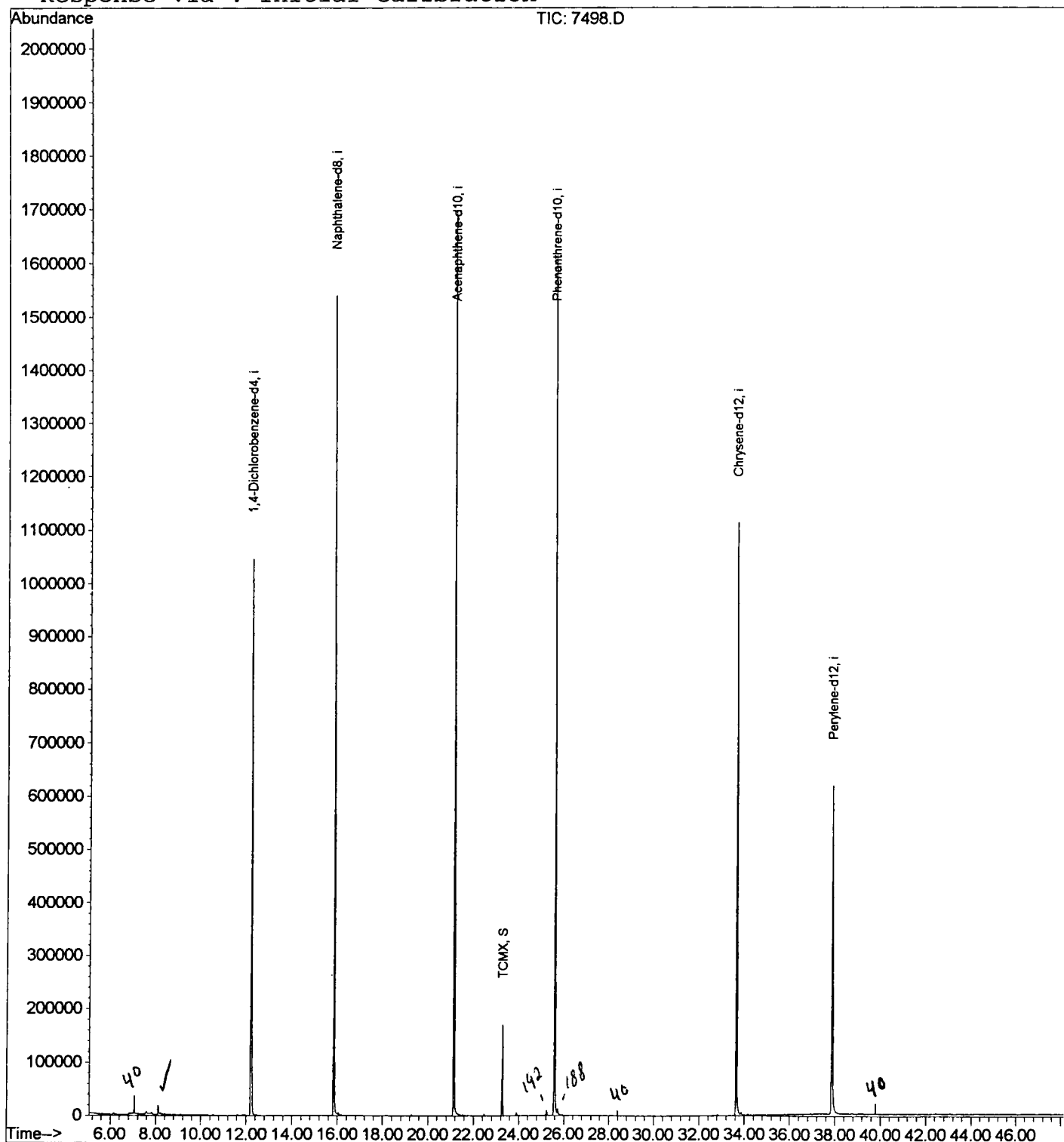
Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1802\7498.D
Acq On : 19 Apr 2002 10:28 pm
Sample : gc/ms scan 4/1
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 22 10:32 2002

Vial: 6
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0419.RES

Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 19 14:51:24 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1802\7498.D
 Acq On : 19 Apr 2002 10:28 pm
 Sample : gc/ms scan 4/1
 Misc :
 MS Integration Params: LSCINT.P

Vial: 6
 Operator:
 Inst : 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0419.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

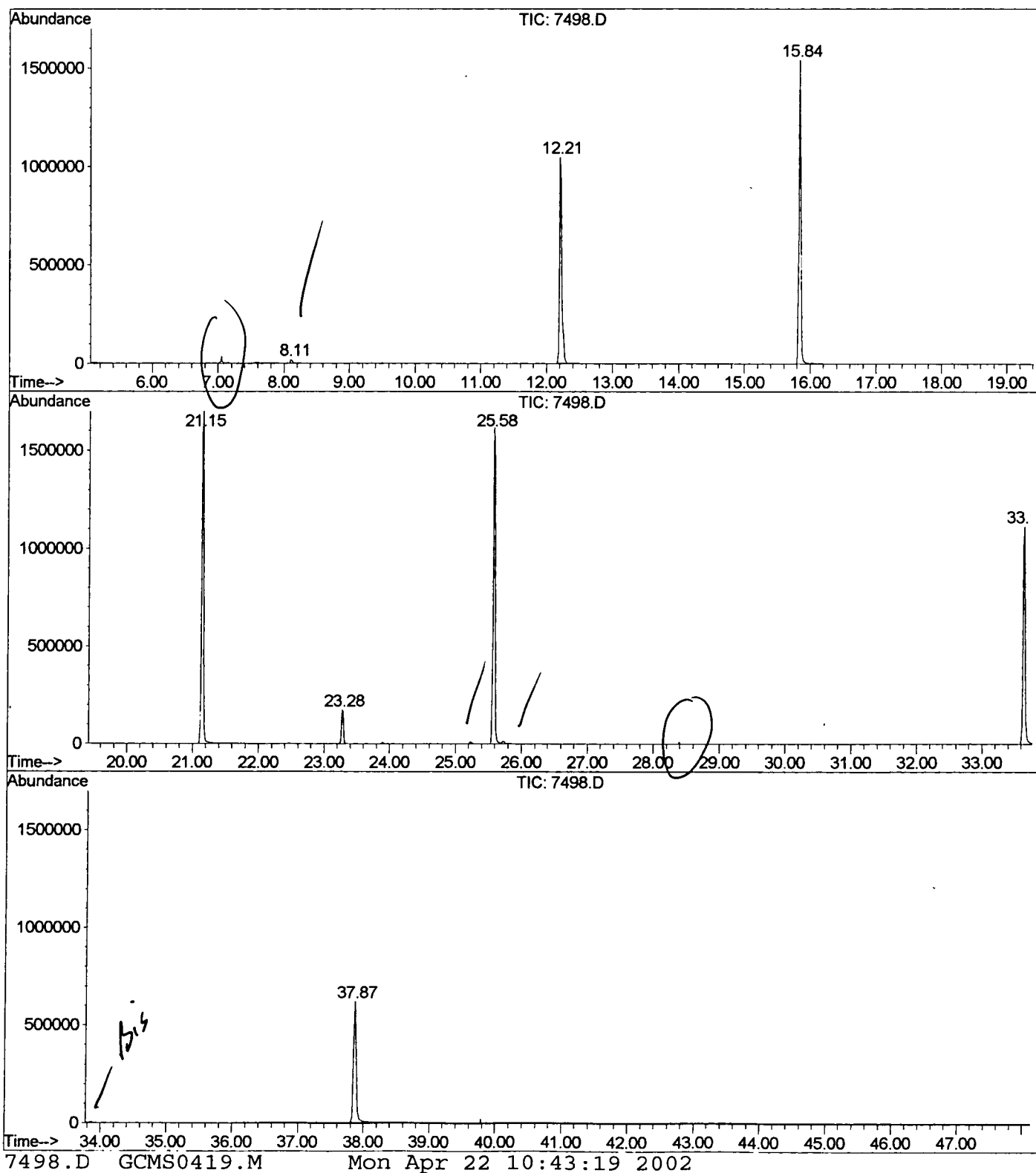
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.114	330	334	343	rBV	17913	42107	1.18%	0.243%
2	12.209	775	780	796	rVB	1045332	2445262	68.40%	14.136%
3	15.844	1170	1176	1189	rBV	1539910	3143890	87.94%	18.174%
4	21.150	1748	1754	1766	rBV	1697960	3574857	100.00%	20.665%
5	23.280	1979	1986	1993	rBV	171433	346578	9.69%	2.003%
6	25.584	2231	2237	2249	rBV2	1615291	3414098	95.50%	19.736%
7	33.645	3108	3115	3133	rBV	1114429	2494847	69.79%	14.422%
8	37.868	3567	3575	3591	rBV2	616232	1837051	51.39%	10.620%

Sum of corrected areas: 17298690

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1802\7498.D
 Operator :
 Acquired : 19 Apr 2002 10:28 pm using AcqMethod GCMS0412
 Instrument : 209
 Sample Name: gc/ms scan 4/1
 Misc Info :
 Vial Number: 6
 Quant File : GCMS0419.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\7498.D
Acq On : 19 Apr 2002 10:28 pm
Sample : gc/ms scan 4/1
Misc :
MS Integration Params: LSCINT.P

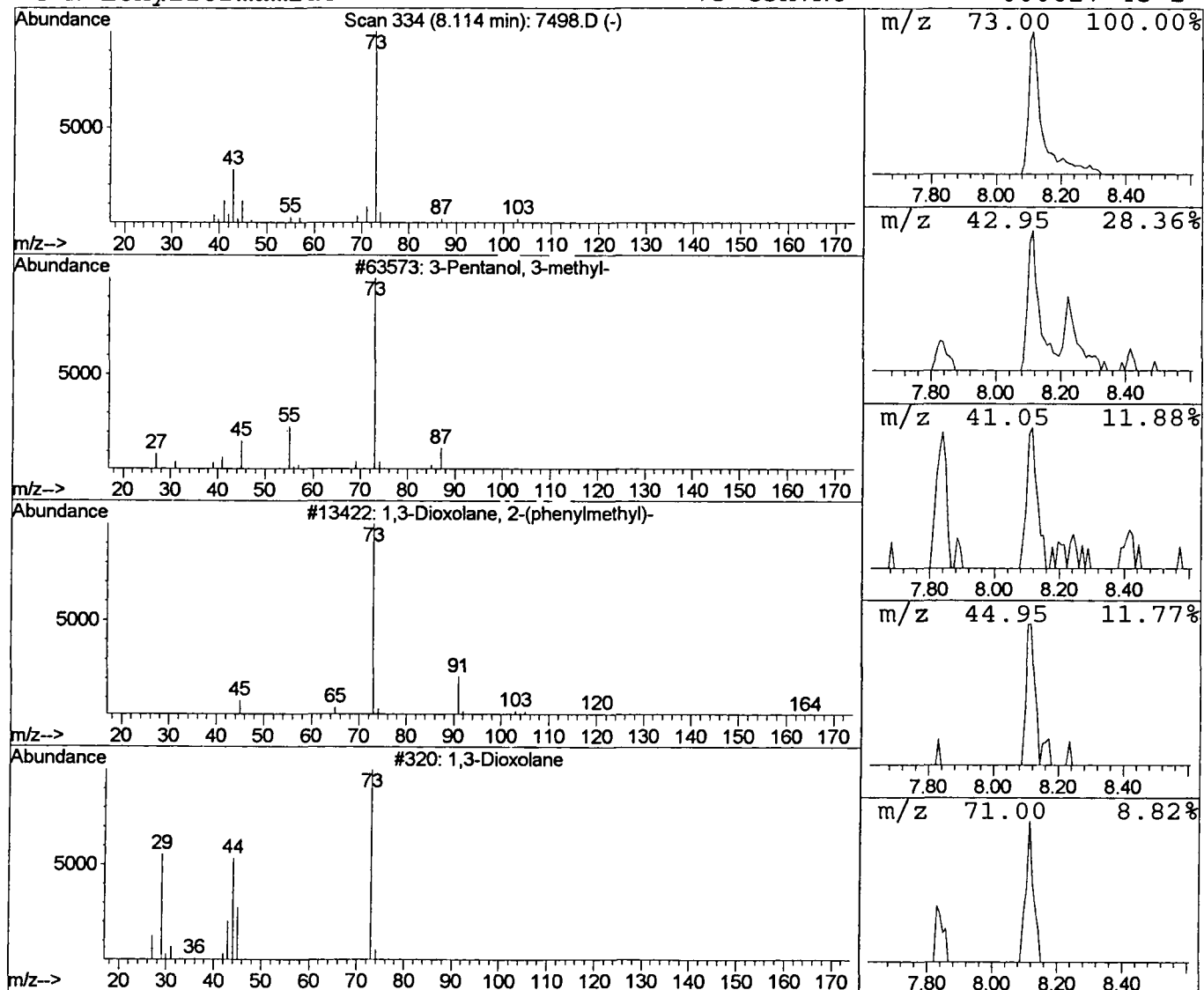
Vial: 6
Operator:
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	0.34 ug/l	42107	1,4-Dichlorobenzene-d4	12.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
2		1,3-Dioxolane, 2-(phenylmethyl)-	164	C10H12O2	000101-49-5	9
3		1,3-Dioxolane	74	C3H6O2	000646-06-0	7
4		N-Ethylformamide	73	C3H7NO	000627-45-2	5



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 19 Apr 2002 10:28 pm
Data File: C:\HPCHEM\1\DATA\APR1802\7498.D
Name: gc/ms scan 4/1
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0419.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	42107	ISTD01	12.21	2445260	20.0

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