Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0202\9448.D Vial: 7
Acq On : 2 May 2002 8:39 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 8:32 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	529269	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1969143	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	1058472	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1450977	40.00	ug/l	-0.01
38) Chrysene-d12	33.64	240	827637	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	511334	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.27	209	35746	6.94	ug/L	-0.02
Spiked Amount 10.000			Recovery = 69.40%			
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	13.43	77	953	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	15.89	128	168	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.	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	22.61	149	1038	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.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.57	178	387	N.D.		

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

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Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.57	178	387	N.D.	
36)	Di-n-butylphthalate	27.55	149	5353	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	33.64	228	2312	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.87	149	19495	0.99 ug/l	98
43)	Chrysene	33.64	228	2229	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.69	252	231	N.D.	
47)	Benzo(k)fluoranthene	36.76	252	224	N.D.	
48)	Benzo(a)pyrene	37.87	252	2240	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.	

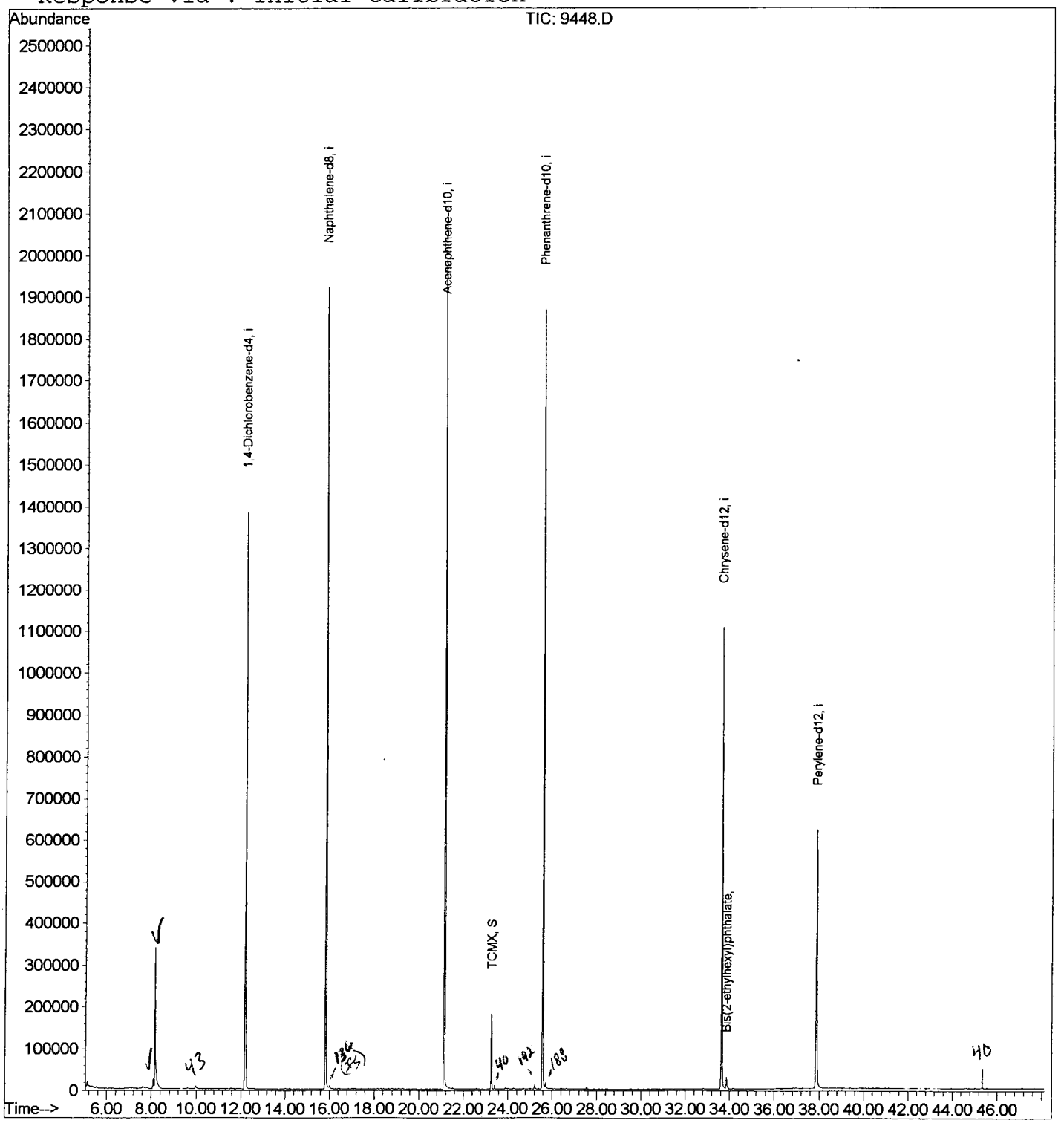
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9448.D
Acq On : 2 May 2002 8:39 pm
Sample : GC/MS SCAN 4/19
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 3 8:32 2002

Vial: 7
Operator:
Inst : 209
Multiplr: 1.00
Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9448.D Vial: 7
Acq On : 2 May 2002 8:39 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0501.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

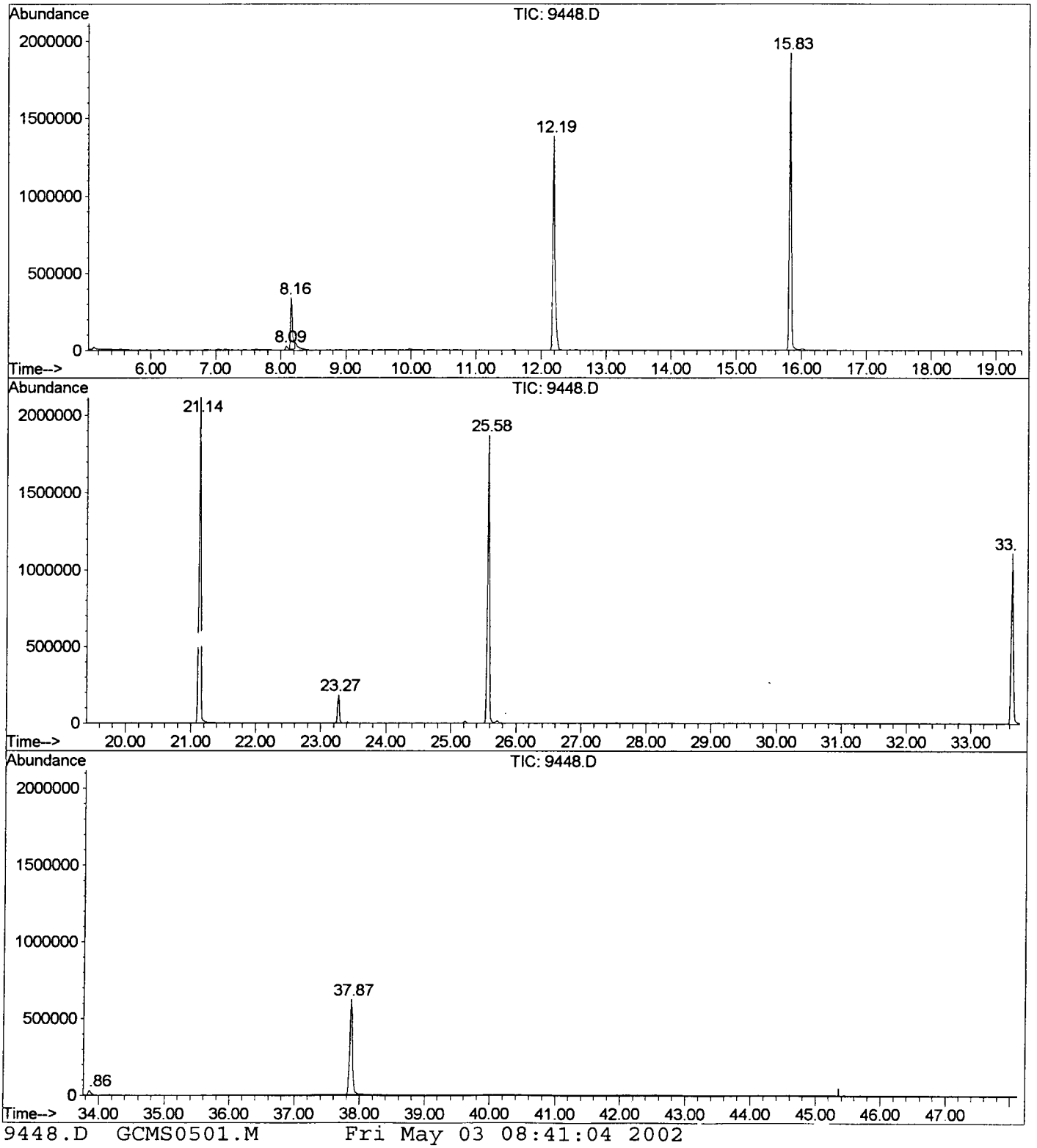
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.089	329	333	338	rBV	23046	53049	1.21%	0.255%
2	8.162	338	341	347	rBV	331908	656907	15.02%	3.156%
3	12.194	775	781	794	rBV	1380856	3100952	70.89%	14.898%
4	15.832	1171	1178	1194	rBV	1919659	3967787	90.71%	19.062%
5	21.138	1750	1757	1774	rBV	2114729	4374053	100.00%	21.014%
6	23.273	1983	1990	1997	rBV	181078	354158	8.10%	1.701%
7	25.582	2235	2242	2252	rBV2	1866690	3932540	89.91%	18.893%
8	33.637	3114	3121	3138	rBV2	1105221	2493538	57.01%	11.980%
9	33.857	3140	3145	3157	rVB	28545	79592	1.82%	0.382%
10	37.870	3575	3583	3600	rBV2	619142	1802463	41.21%	8.659%

Sum of corrected areas: 20815039

9448.D GCMS0501.M Fri May 03 08:41:03 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0202\9448.D
Operator :
Acquired : 2 May 2002 8:39 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/19
Misc Info :
Vial Number: 7
Quant File :GCMS0501.RES (RTE Integrator)



9448.D GCMS0501.M Fri May 03 08:41:04 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9448.D Vial: 7
Acq On : 2 May 2002 8:39 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

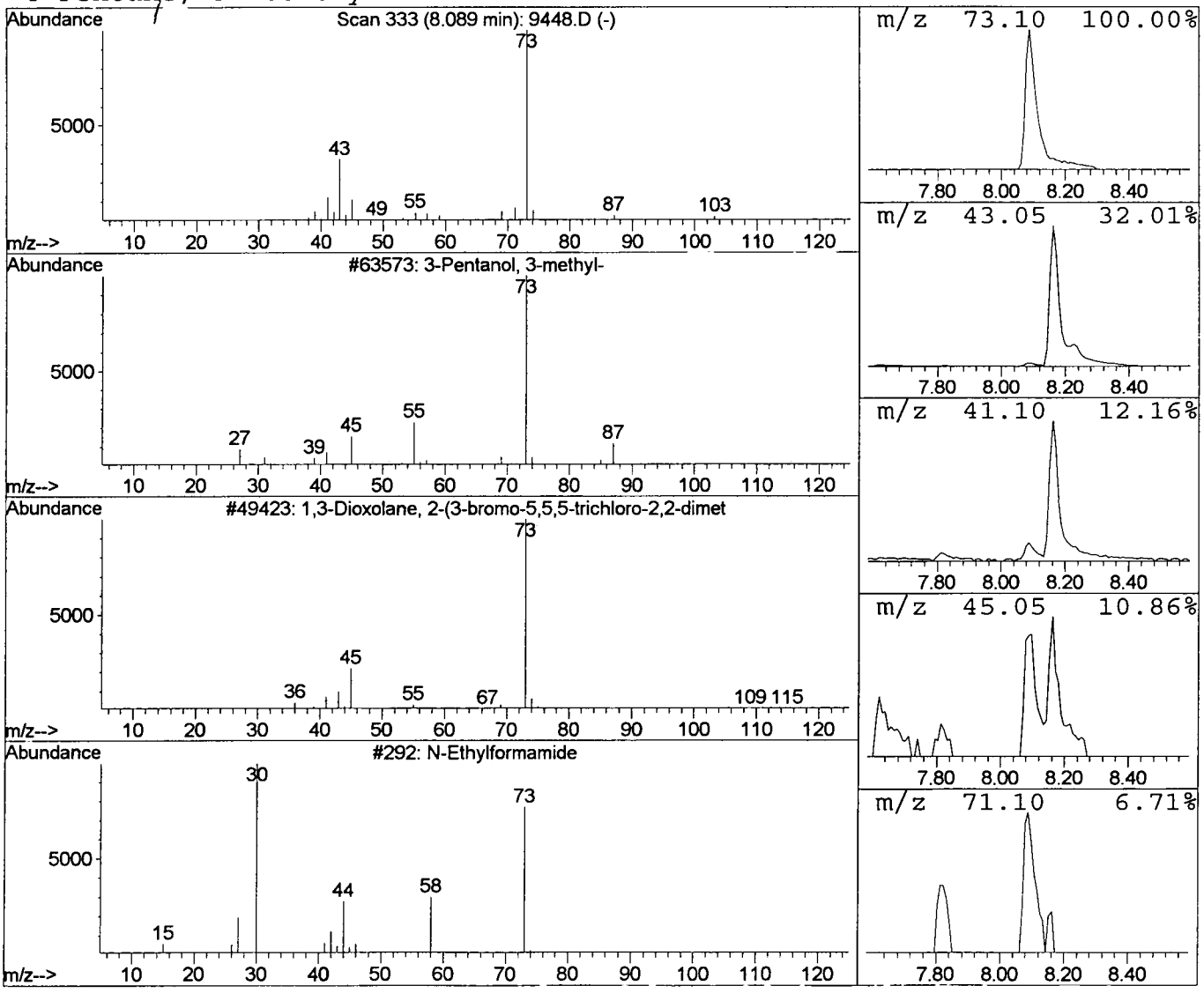
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	0.68 ug/l	53049	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9448.D Vial: 7
Acq On : 2 May 2002 8:39 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

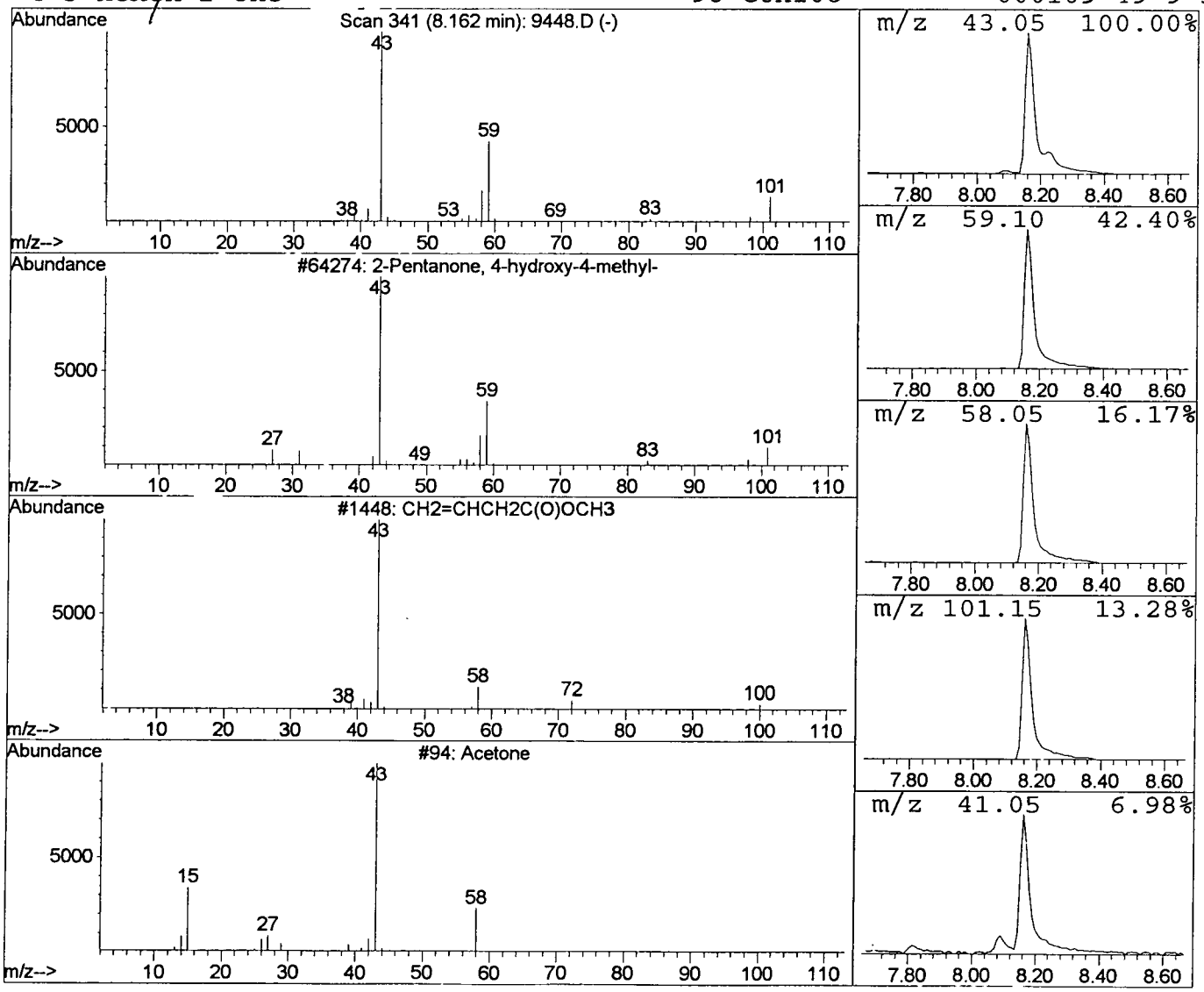
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	8.47 ug/l	656907	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetone	58	C3H6O	000067-64-1	7
4	5-Hexen-2-one	98	C6H10O	000109-49-9	5



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 2 May 2002 8:39 pm
Data File: C:\HPCHEM\1\DATA\MAY0202\9448.D
Name: GC/MS SCAN 4/19
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0501.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	8.09	0.7	ug/l	53049	ISTD01	12.19	3100950	40.0
2-Pentanone, 4-hydro	8.16	8.5	ug/l	656907	ISTD01	12.19	3100950	40.0

9448.D GCMS0501.M Fri May 03 08:41:06 2002