Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1802\7107.D Vial: 26
Acq On : 19 Apr 2002 2:40 pm Operator:
Sample : GC/MS SCAN 3/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 8:28 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	686200	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	2531631	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1417123	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.59	188	2111149	20.00	ug/l	-0.02
39) Chrysene-d12	33.65	240	1488858	20.00	ug/l	-0.03
45) Perylene-d12	37.88	264	998229	20.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	23.29	209	35963	3.05	ug/L	-0.04
Spiked Amount 4.000			Recovery = 76.25%			
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	11.47	93	550	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	13.46	77	102	N.D.		
12) Isophorone	14.55	82	360	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	984	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	19.41	162	478	N.D.		
20) Dimethylphthalate	20.49	163	736	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.68	152	432	N.D.		
23) Acenaphthene	21.24	153	673	N.D.		
24) 2,4-Dinitrotoluene	21.51	165	452	N.D.		
25) Diethylphthalate	22.62	149	1765	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	22.77	166	582	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\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

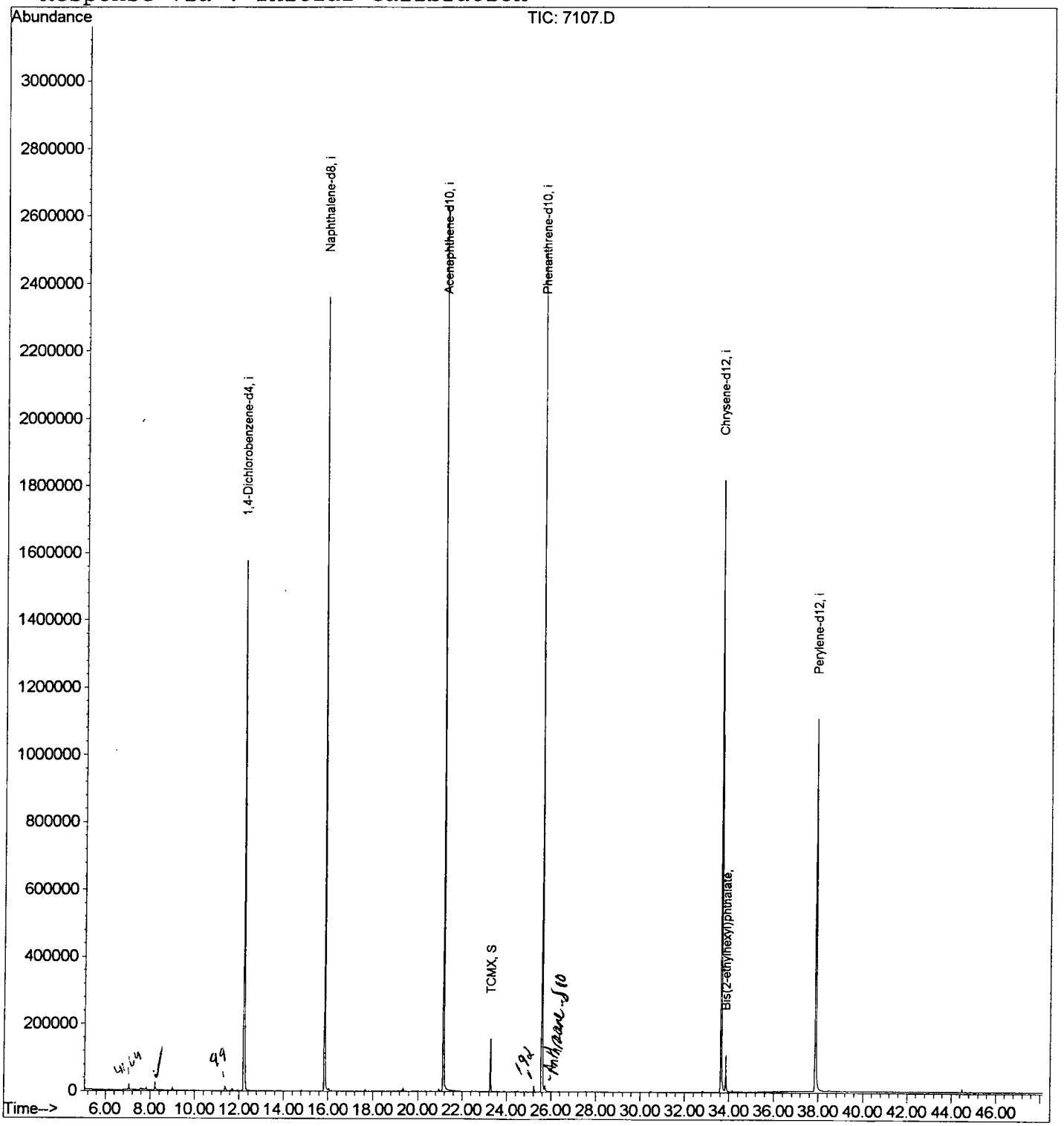
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.66	178	1431	N.D.	
35) Anthracene	25.79	178	904	N.D.	
36) Di-n-butylphthalate	27.56	149	2247	N.D.	
37) Fluoranthene	29.28	202	1058	N.D.	
40) Pyrene	29.95	202	1222	N.D.	
41) Butylbenzylphthalate	32.08	149	570	N.D.	
42) Benzo(a)anthracene	33.65	228	5714	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.87	149	73142	1.95 ug/l	98
44) Chrysene	33.71	228	2748	N.D.	
46) Di-n-Octylphthalate	35.60	149	615	N.D.	
47) Benzo(b)fluoranthene	36.68	252	1612	N.D.	
48) Benzo(k)fluoranthene	36.76	252	1563	N.D.	
49) Benzo(a)pyrene	37.68	252	1017	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	43.20	276	506	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1802\7107.D Vial: 26
Acq On : 19 Apr 2002 2:40 pm Operator:
Sample : GC/MS SCAN 3/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 22 8:28 2002 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\7107.D Vial: 26
Acq On : 19 Apr 2002 2:40 pm Operator:
Sample : GC/MS SCAN 3/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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

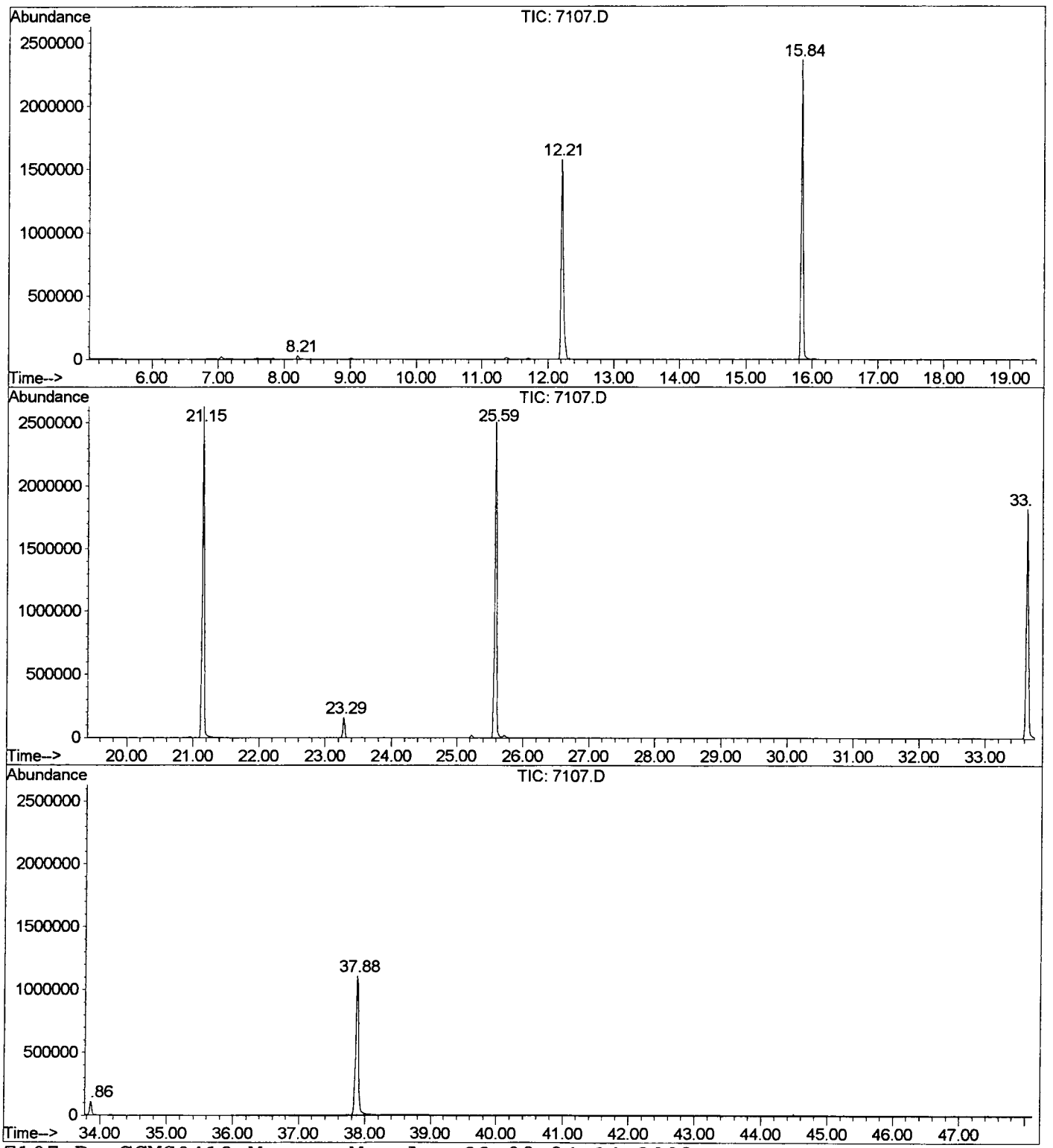
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.206	340	344	353	rBV	24468	56753	1.05%	0.206%
2	12.209	775	780	792	rBV	1574685	3678972	67.81%	13.373%
3	15.844	1170	1176	1190	rBV	2358933	4781749	88.13%	17.382%
4	21.151	1747	1754	1776	rBV	2632208	5425699	100.00%	19.723%
5	23.290	1980	1987	1994	rVB	158005	326750	6.02%	1.188%
6	25.594	2231	2238	2248	rBV	2509037	5273141	97.19%	19.168%
7	33.645	3105	3115	3134	rBV2	1819920	4333296	79.87%	15.752%
8	33.856	3134	3138	3149	rVB	109343	249556	4.60%	0.907%
9	37.877	3567	3576	3594	rBV2	1105796	3384208	62.37%	12.302%

Sum of corrected areas: 27510124

7107.D GCMS0419.M Mon Apr 22 08:34:13 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1802\7107.D
Operator :
Acquired : 19 Apr 2002 2:40 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: GC/MS SCAN 3/26
Misc Info :
Vial Number: 26
Quant File :GCMS0419.RES (RTE Integrator)



7107.D GCMS0419.M Mon Apr 22 08:34:14 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1802\7107.D Vial: 26
Acq On : 19 Apr 2002 2:40 pm Operator:
Sample : GC/MS SCAN 3/26 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

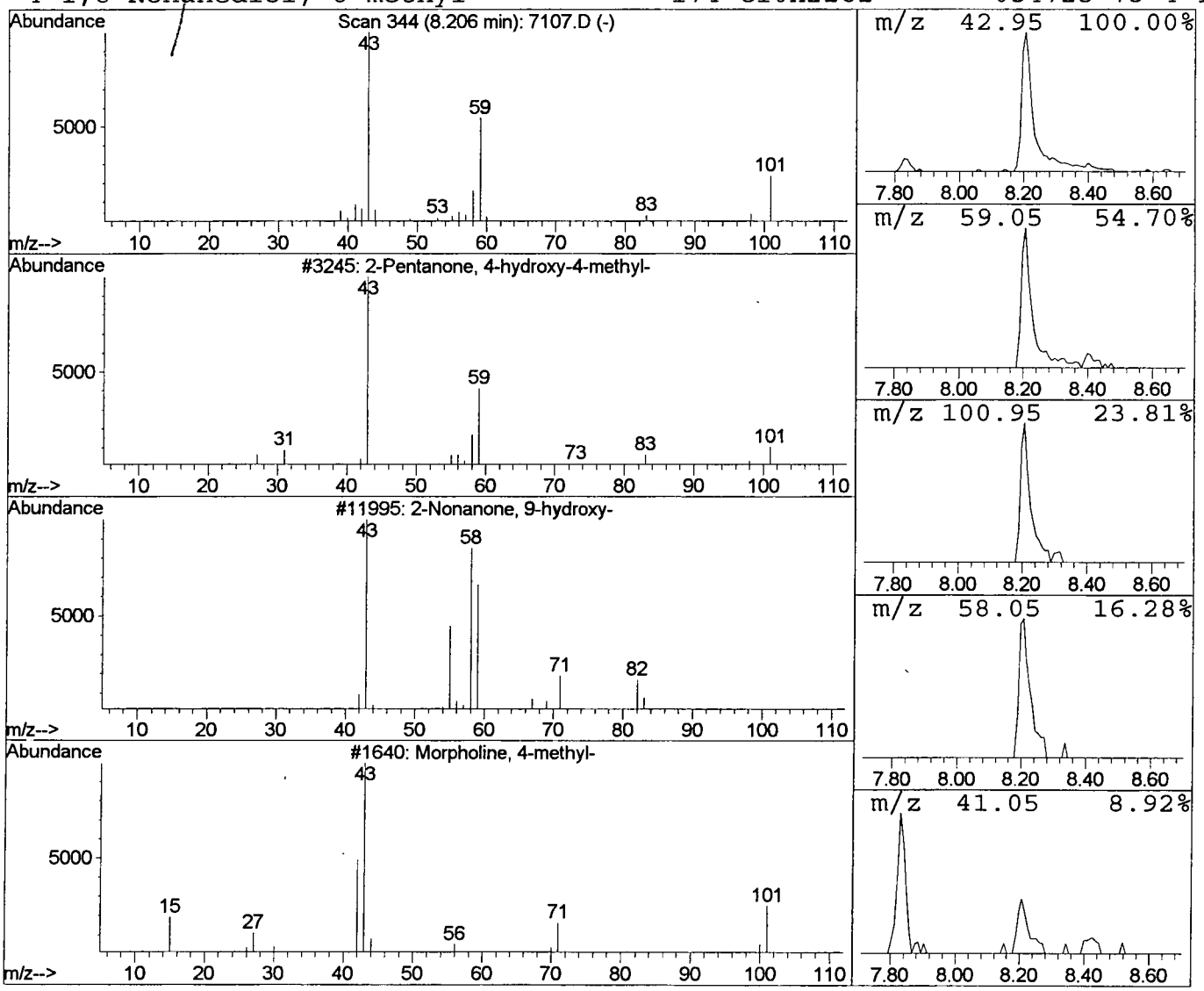
Quant Method : C:\HPCHEM\1\METHODS\GCMS0419.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	0.31 ug/l	56753	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	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	33
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 19 Apr 2002 2:40 pm
Data File: C:\HPCHEM\1\DATA\APR1802\7107.D
Name: GC/MS SCAN 3/26
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
~~2-Pentanone, 4-hydro~~	8.21	0.3	ug/l	56753	ISTD01	12.21	3678970	20.0

7107.D GCMS0419.M Mon Apr 22 08:34:15 2002