Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
Data File : BM024976.D
Acq On : 20 Feb 2020 11:02
Operator : CG/JU
Sample : L1423-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B00

Quant Time: Feb 20 11:48:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:36:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	356093	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.13	136	1264915	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.03	164	751584	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.79	188	1552683	20.00	ng/ul	-0.01
78) Chrysene-d12	21.00	240	1595822	20.00	ng/ul	-0.01
86) Perylene-d12	23.10	264	1776679	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	39068	5.28	ng/uL	0.00
5) Phenol-d5	6.59	99	597297	25.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	385705	28.87	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.93	132	518533	24.47	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	390905	19.58	ng/ul	-0.01
19) Nitrobenzene-d5	8.52	128	239014	26.13	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.23	143	270017	24.98	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.77	165	485289	22.26	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.28	131	390768	19.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1429147	25.19	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	1748375	26.39	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.26	143	138140	14.98	ng/ul	0.00
58) Fluorene-d10	15.03	176	1272629	25.33	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.17	200	174339	17.23	ng/ul	-0.01
71) Anthracene-d10	16.89	188	1746650	24.64	ng/ul	-0.01
79) Pyrene-d10	19.19	212	2064130	25.86	ng/ul	-0.01
90) Benzo(a)pyrene-d12	22.97	264	2343717	26.27	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.61	94	25252	1.014	ng/ul#	89
14) Acetophenone	8.20	105	33316	1.059	ng/ul#	97
45) Dimethylphthalate	13.50	163	248949	4.206	ng/ul	98
77) Fluoranthene	18.86	202	108849	1.047	ng/ul#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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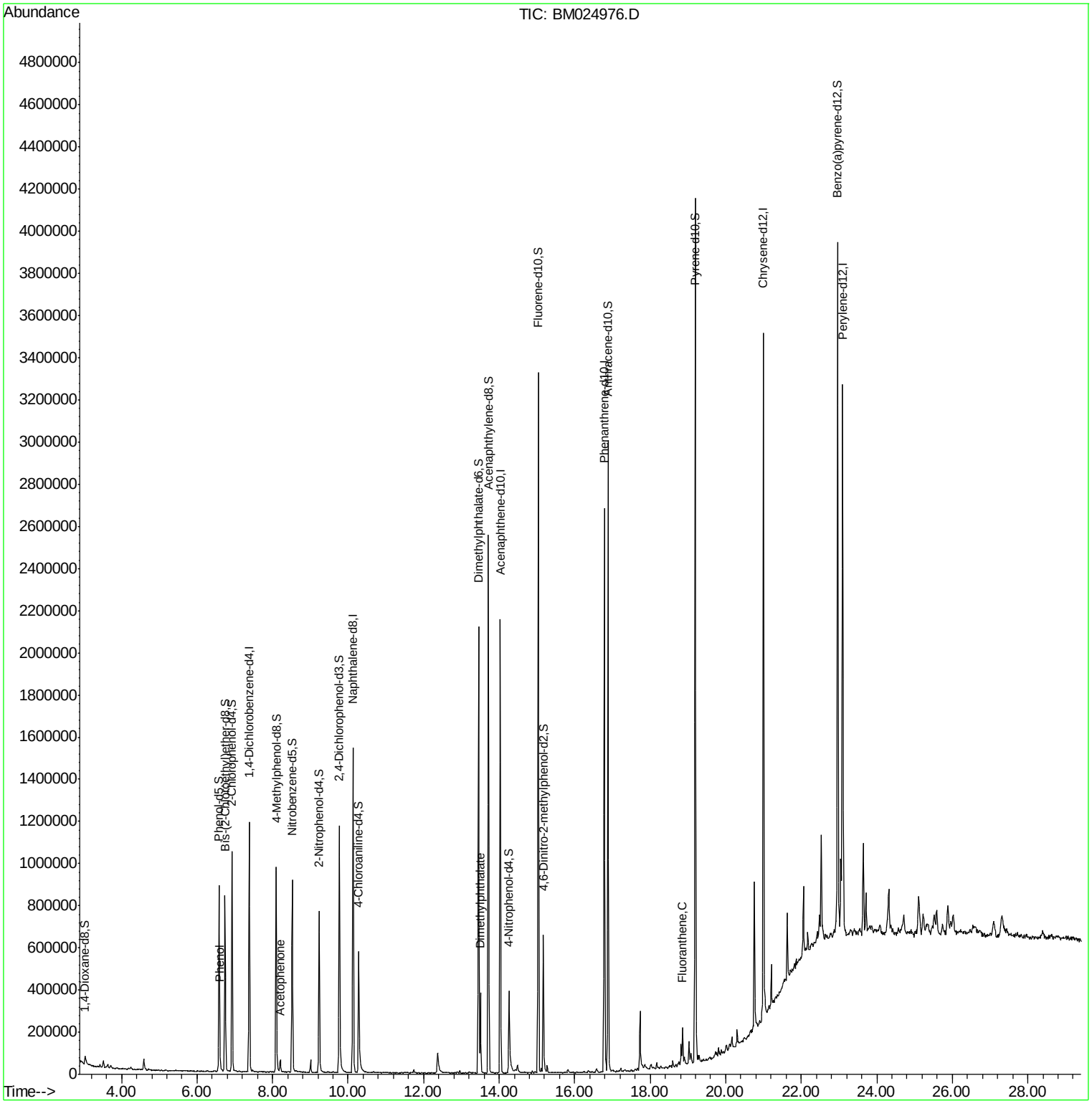
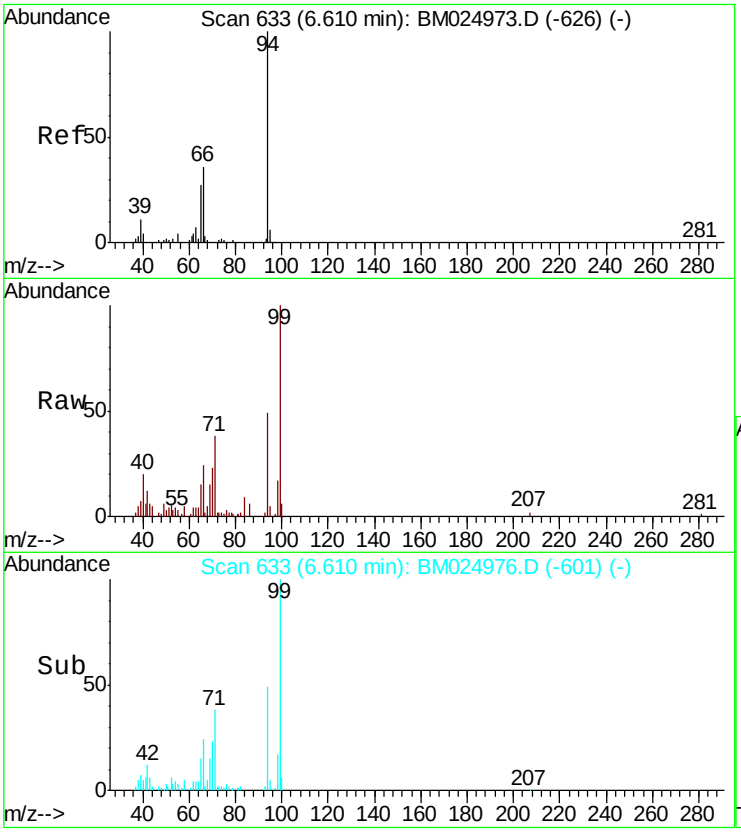


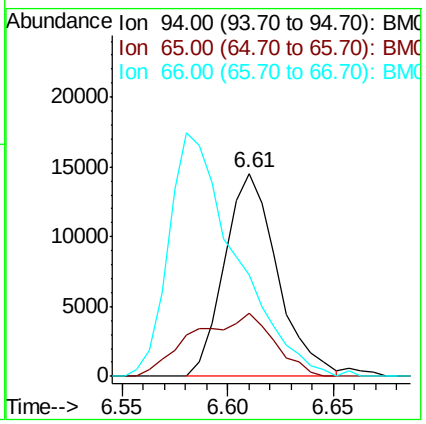


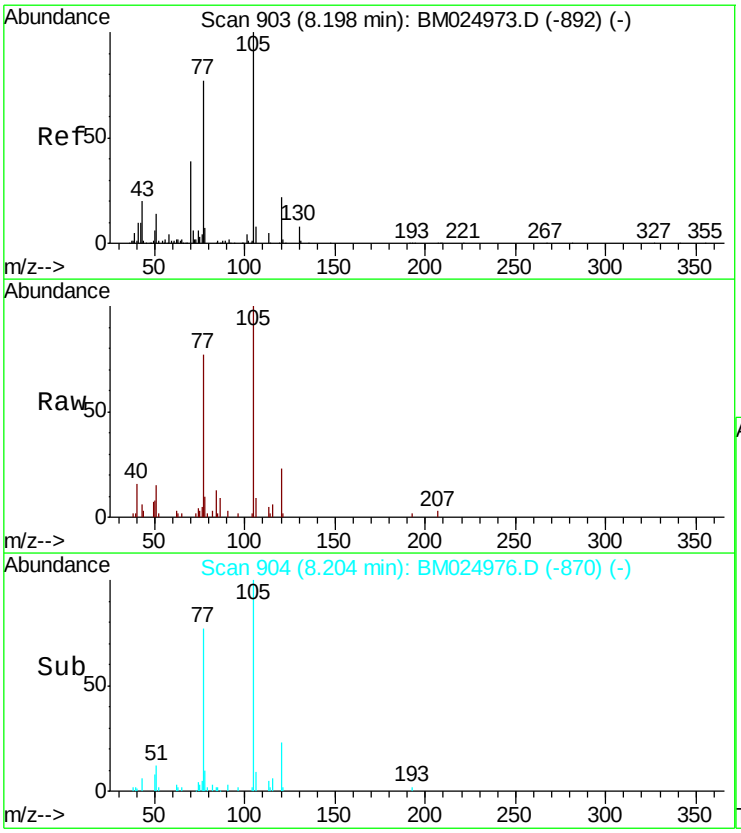
#6
Phenol
Concen: 1.014 ng/ul
RT: 6.61 min Scan# 633
Delta R.T. -0.01 min
Lab File: BM024976.D
Acq: 20 Feb 2020 11:02

Instrument :
BNA_M
ClientSampleId :
C5B00

Tgt Ion: 94 Resp: 25252

Ion	Ratio	Lower	Upper
94	100		
65	30.9	22.6	34.0
66	50.2	33.0	49.4#

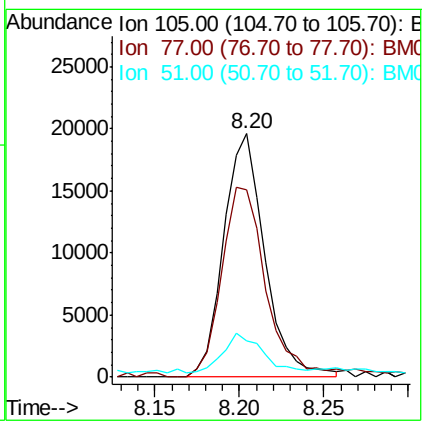


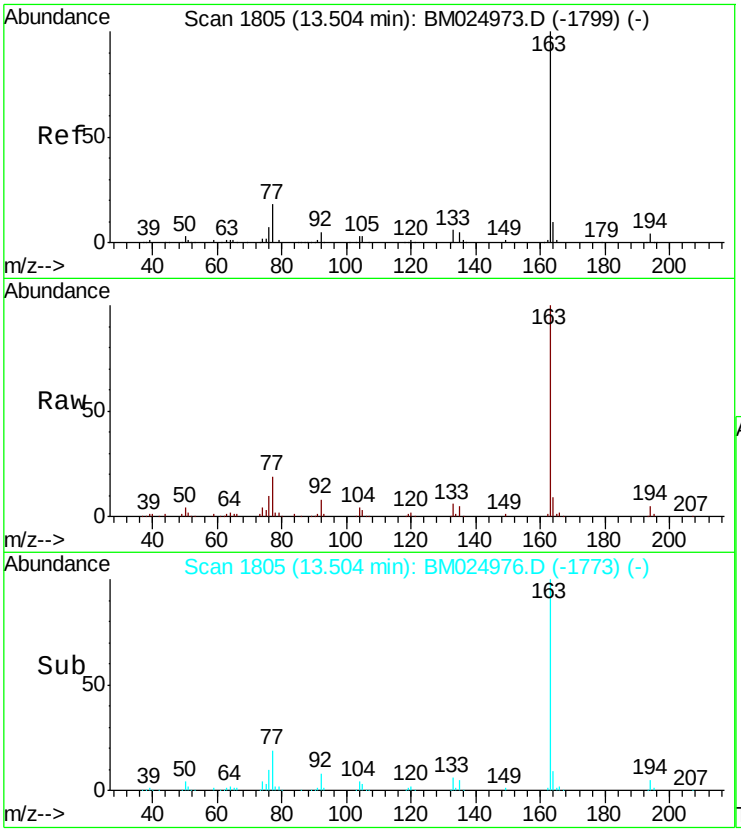


#14
Acetophenone
Concen: 1.059 ng/ul
RT: 8.20 min Scan# 904
Delta R.T. 0.00 min
Lab File: BM024976.D
Acq: 20 Feb 2020 11:02

Tgt Ion:105 Resp: 33316

Ion	Ratio	Lower	Upper
105	100		
77	76.8	61.6	92.4
51	15.1	16.7	25.1#



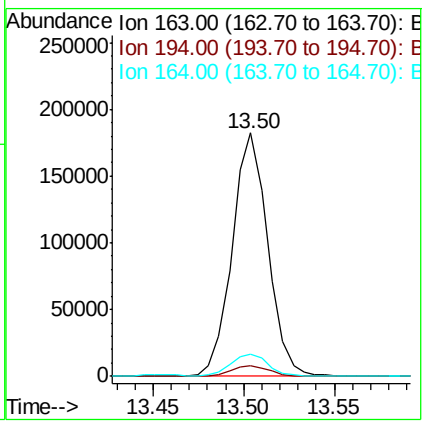


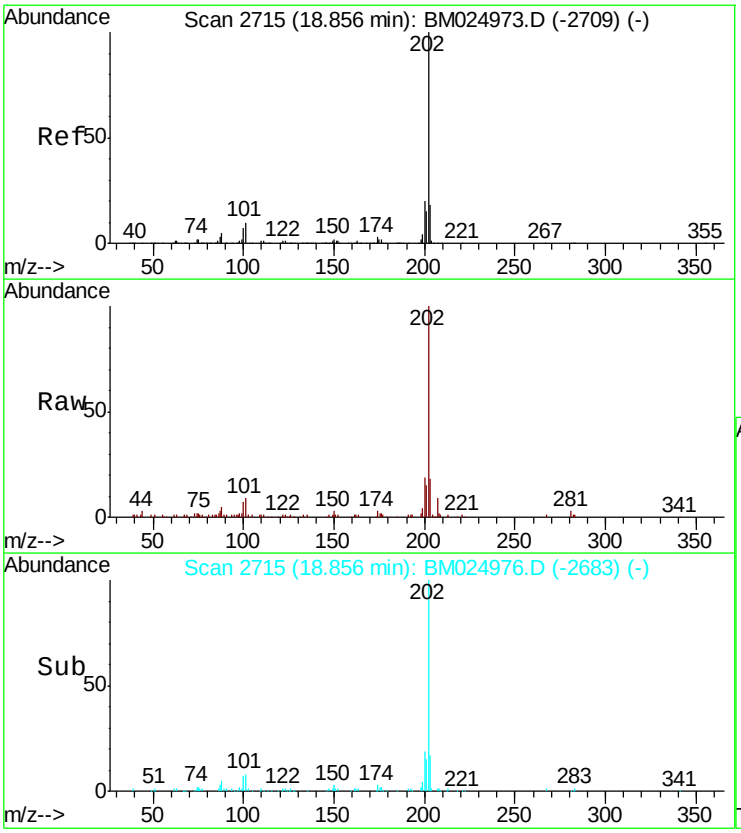
#45
Dimethylphthalate
Concen: 4.206 ng/ul
RT: 13.50 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BM024976.D
Acq: 20 Feb 2020 11:02

Instrument :
BNA_M
ClientSampleId :
C5B00

Tgt Ion:163 Resp: 248949

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.3	8.2	12.2





#77
Fluoranthene
Concen: 1.047 ng/ul
RT: 18.86 min Scan# 2715
Delta R.T. -0.01 min
Lab File: BM024976.D
Acq: 20 Feb 2020 11:02

Tgt Ion:202 Resp: 108849

Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.1	9.1
100	7.2	4.8	7.2#