Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024862.D
Acq On : 13 Feb 2020 19:14
Operator : CG/JU
Sample : L1404-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6M9

Quant Time: Feb 14 06:02:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 05:59:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	490356	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1759943	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	1046964	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	2159474	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	2086928	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	2161683	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	49014	4.81	ng/uL	0.00
5) Phenol-d5	6.60	99	827380	25.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	502005	27.29	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	710645	24.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	646769	23.53	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	334614	26.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	385410	25.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	686960	22.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	753642	26.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1919859	24.29	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	2305977	24.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	246680	19.21	ng/ul	0.00
58) Fluorene-d10	15.05	176	1653768	23.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	278312	19.77	ng/ul	0.00
71) Anthracene-d10	16.90	188	2300395	23.34	ng/ul	0.00
79) Pyrene-d10	19.20	212	2743836	26.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2780043	25.61	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.84	178	154300	1.310	ng/ul	98
77) Fluoranthene	18.87	202	238600	1.651	ng/ul#	96
80) Pyrene	19.23	202	209339	1.515	ng/ul#	93
88) Benzo(b)fluoranthene	22.50	252	155057	1.128	ng/ul#	96

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

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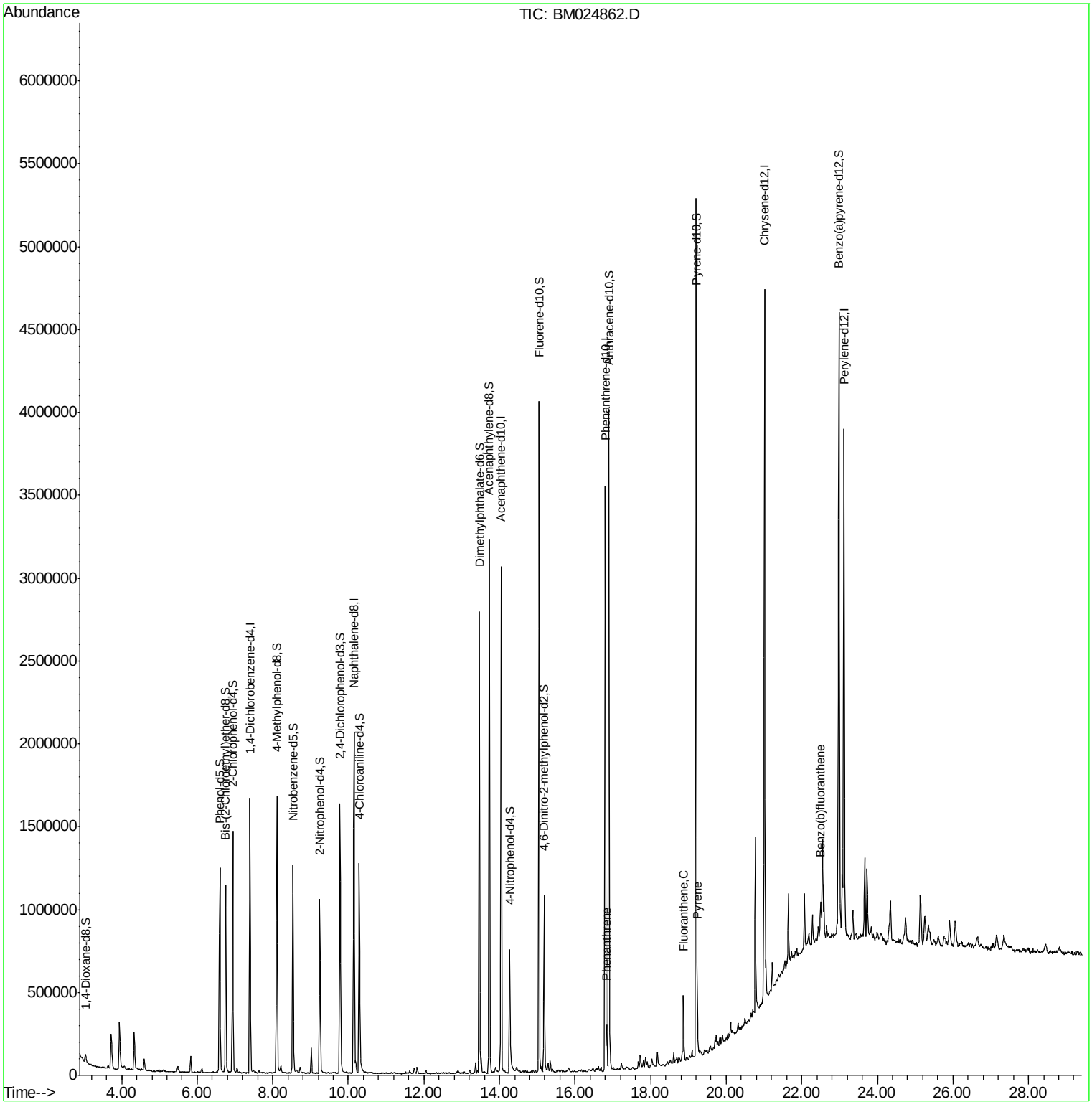
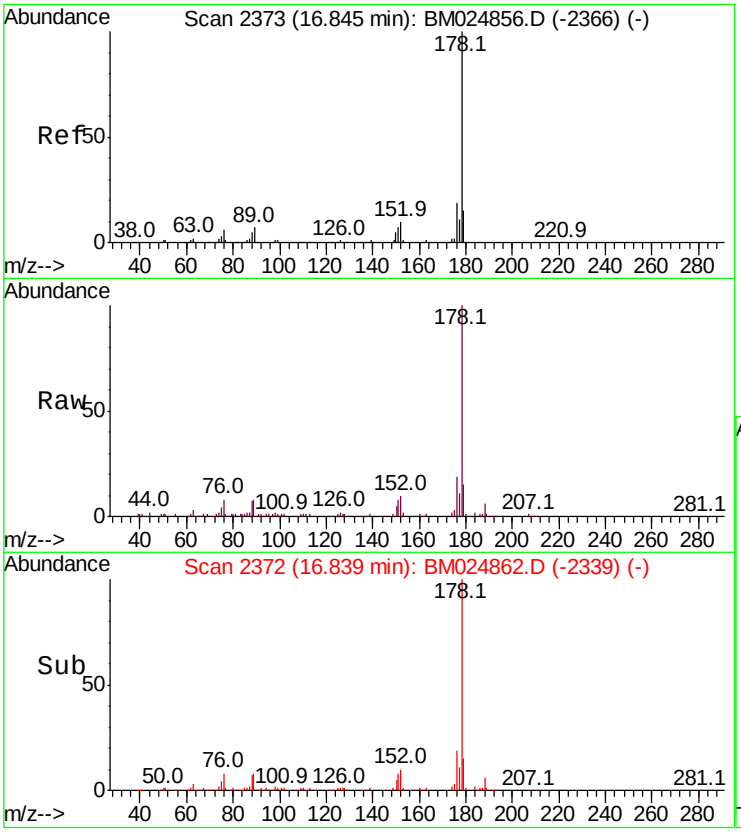


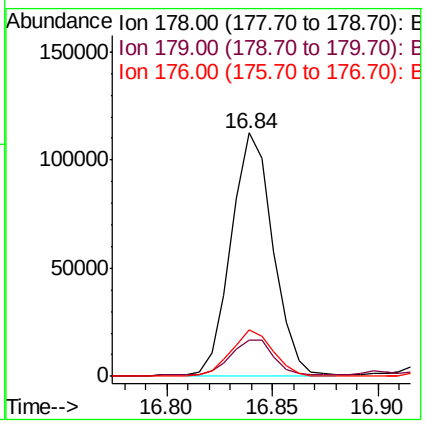


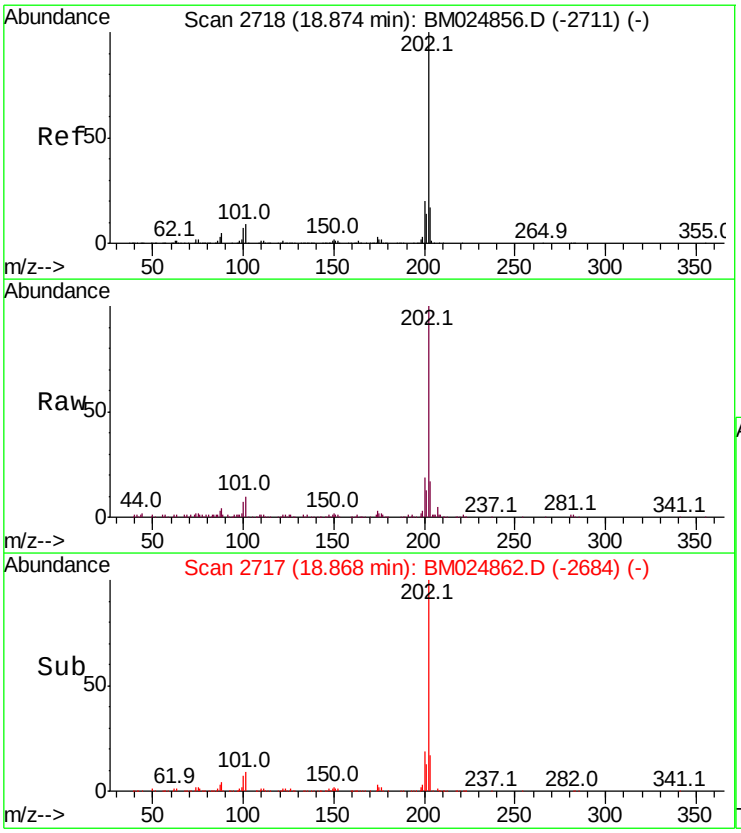
#70
Phenanthrene
Concen: 1.310 ng/ul
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM024862.D
Acq: 13 Feb 2020 19:14

Instrument :
BNA_M
ClientSampleId :
CB6M9

Tgt Ion:178 Resp: 154300

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.2
176	19.3	14.5	21.7

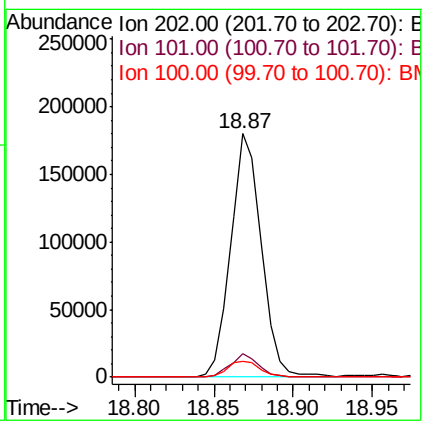


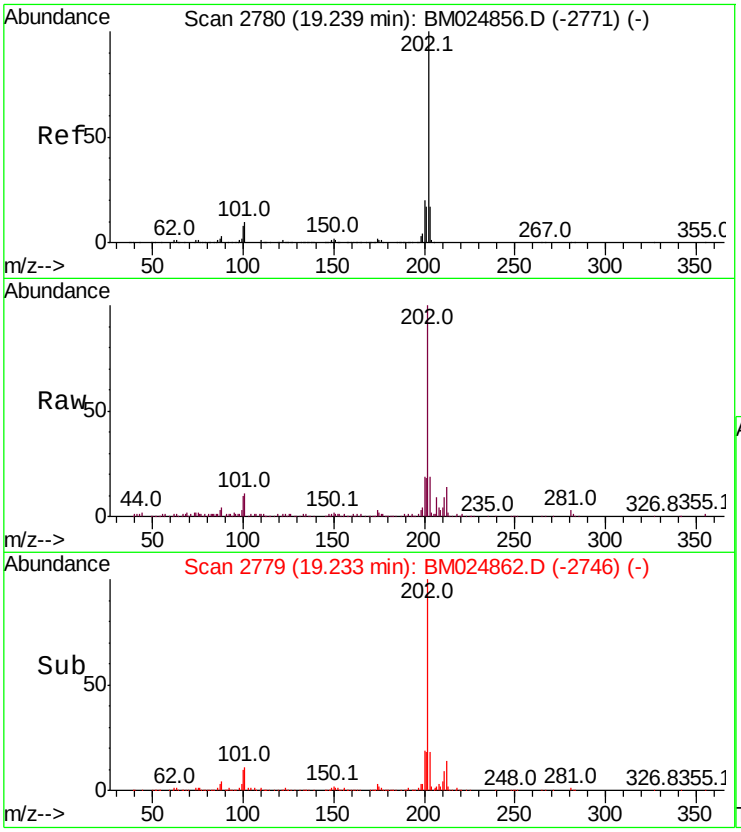


#77
Fluoranthene
Concen: 1.651 ng/ul
RT: 18.87 min Scan# 2717
Delta R.T. -0.01 min
Lab File: BM024862.D
Acq: 13 Feb 2020 19:14

Tgt Ion:202 Resp: 238600

Ion	Ratio	Lower	Upper
202	100		
101	9.5	6.1	9.1#
100	6.7	4.8	7.2



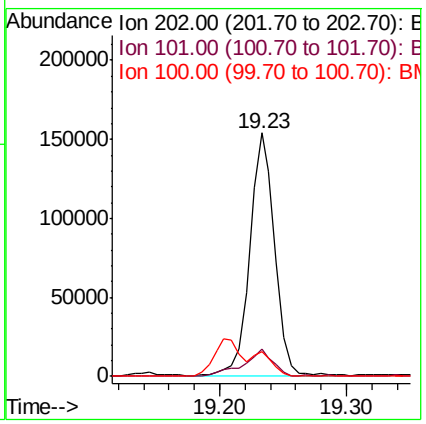


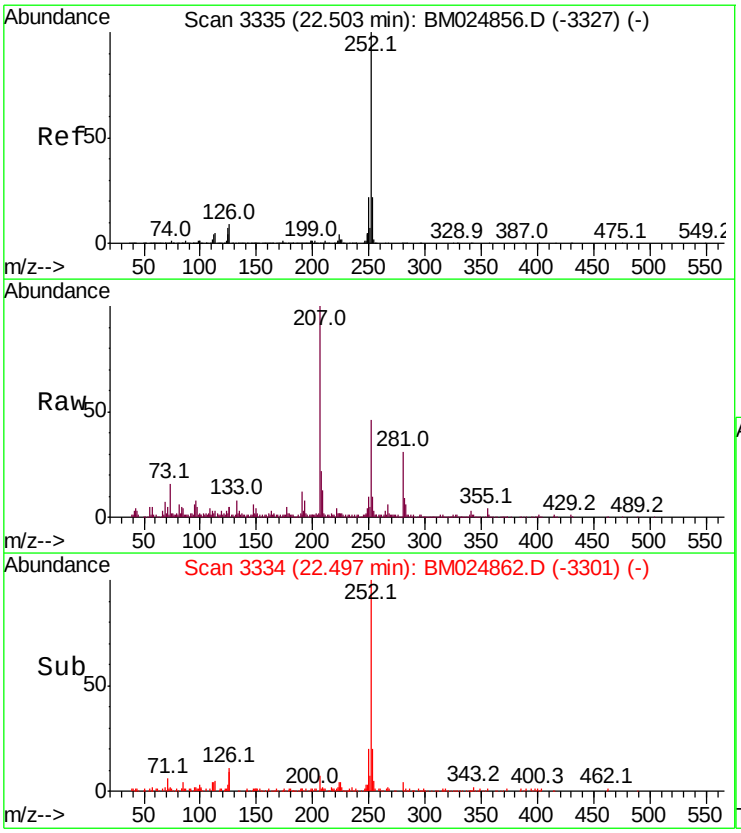
#80
Pyrene
Concen: 1.515 ng/ul
RT: 19.23 min Scan# 2779
Delta R.T. -0.01 min
Lab File: BM024862.D
Acq: 13 Feb 2020 19:14

Instrument :
BNA_M
ClientSampleId :
CB6M9

Tgt Ion:202 Resp: 209339

Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.0	10.4#
100	9.9	5.8	8.8#





#88
Benzo(b)fluoranthene
Concen: 1.128 ng/ul
RT: 22.50 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BM024862.D
Acq: 13 Feb 2020 19:14

Tgt Ion:252 Resp: 155057

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	11.5	5.1	7.7#