Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

Quantitation Report (Not Reviewed)

Data File : BG041917.D
Acq On : 3 Aug 2019 20:28
Operator : HP/JU
Sample : K3922-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A52F0

Quant Time: Aug 04 02:35:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 02:31:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	107632	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.86	136	455999	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	316229	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.45	188	676062	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	650000	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	736637	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	4296	1.75	ng/uL	0.00
5) Phenol-d5	7.18	99	119904	14.20	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.35	67	70905	15.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	108803	15.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	102114	14.40	ng/ul	-0.01
19) Nitrobenzene-d5	9.20	128	56552	16.48	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.93	143	67726	16.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	133087	16.54	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.99	131	118225	13.24	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	430420	17.55	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	492915	17.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	44521	10.81	ng/ul	0.00
57) Fluorene-d10	15.69	176	389629	17.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	30459	7.02	ng/ul	0.00
70) Anthracene-d10	17.55	188	585981	18.07	ng/ul	0.00
78) Pyrene-d10	19.83	212	696842	19.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	732589	19.04	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.14	163	152146	6.248	ng/ul	97
69) Phenanthrene	17.49	178	165956	4.484	ng/ul	98
76) Fluoranthene	19.50	202	450153	10.527	ng/ul	97
79) Pyrene	19.86	202	347640	7.951	ng/ul	96
82) Benzo(a)anthracene	21.71	228	160444	3.560	ng/ul	97
84) Chrysene	21.78	228	210283	4.999	ng/ul	96
87) Benzo(b)fluoranthene	23.97	252	286535	6.198	ng/ul	99
88) Benzo(k)fluoranthene	23.97	252	286535	6.447	ng/ul	100
90) Benzo(a)pyrene	24.85	252	172010	3.905	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.73	276	111413	2.168	ng/ul	98
93) Benzo(g,h,i)perylene	29.90	276	101912	2.376	ng/ul	94

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

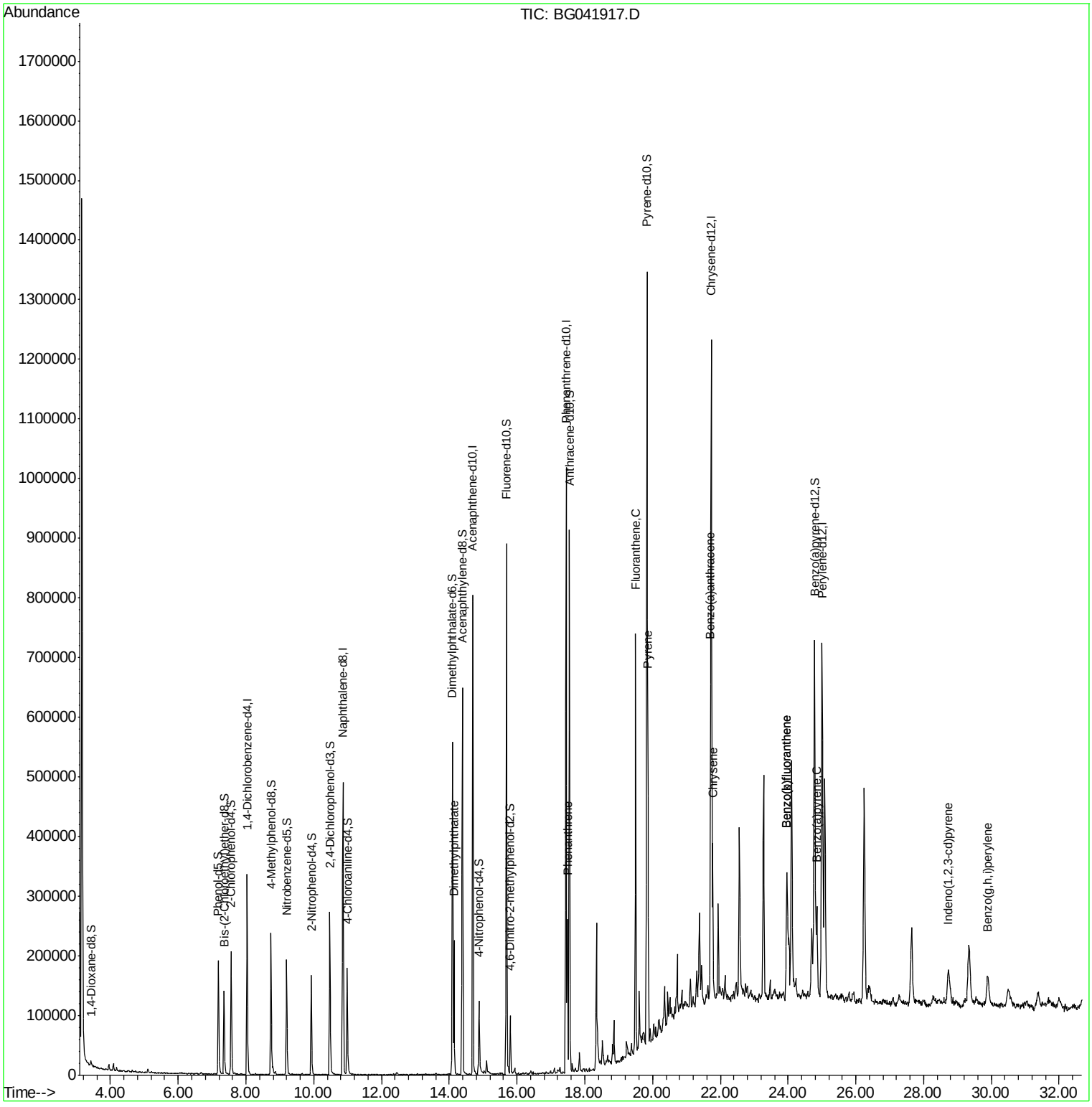
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

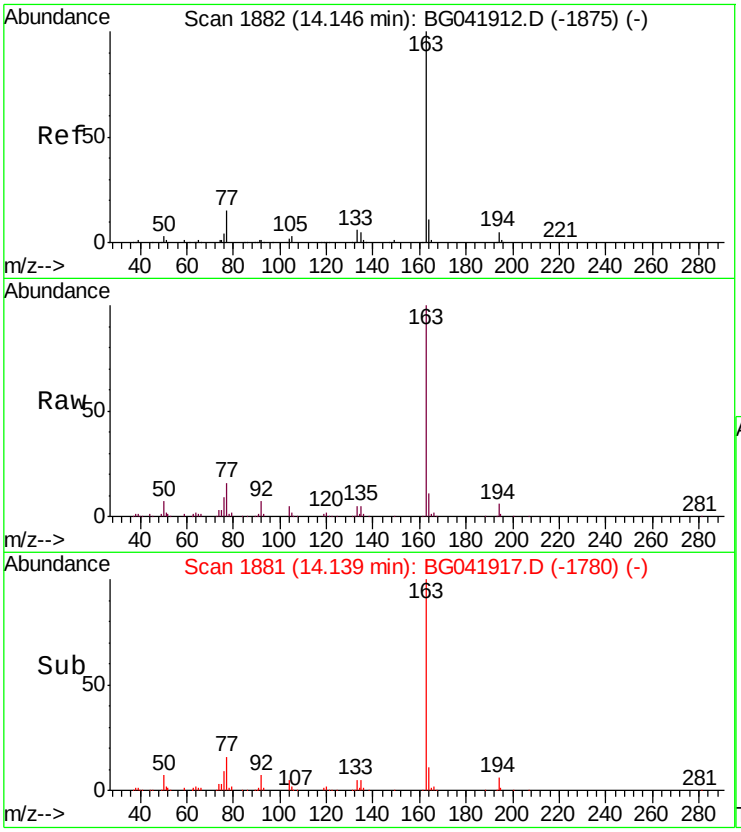
Quantitation Report (Not Reviewed)

Data File : BG041917.D
Acq On : 3 Aug 2019 20:28
Operator : HP/JU
Sample : K3922-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A52F0

Quant Time: Aug 04 02:35:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 02:31:42 2019
Response via : Initial Calibration



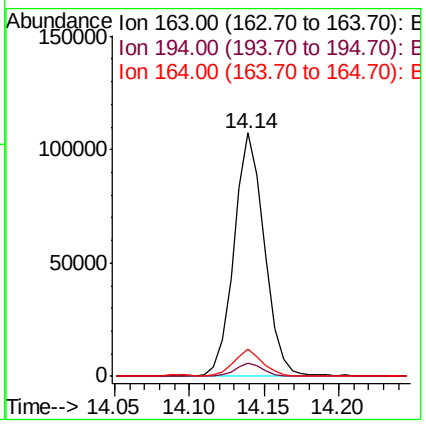


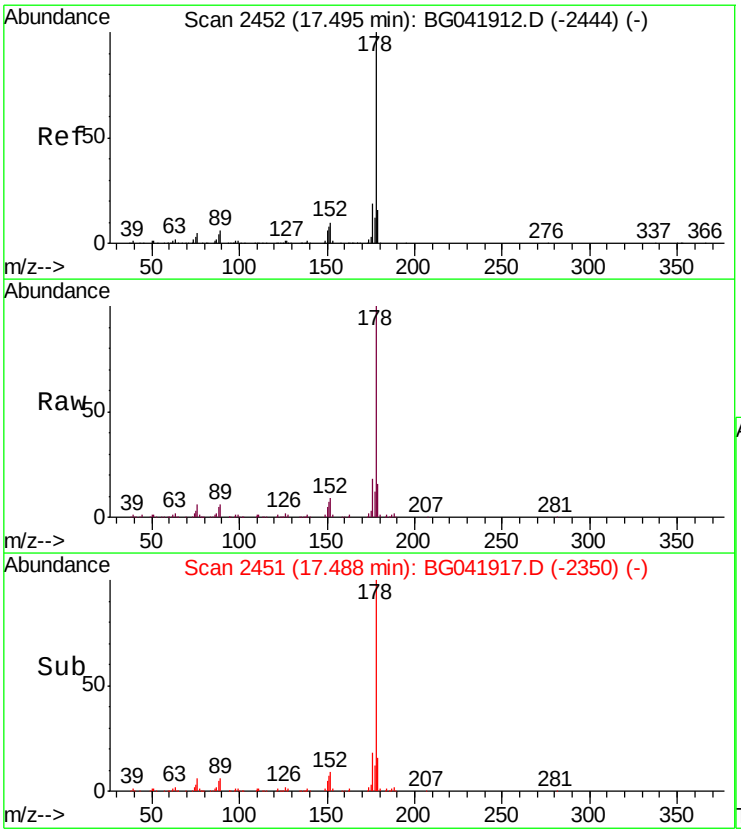
#44
Dimethylphthalate
Concen: 6.248 ng/ul
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG041917.D
Acq: 3 Aug 2019 20:28

Instrument :
BNA_G
ClientSampleId :
A52F0

Tgt Ion:163 Resp: 152146

Ion	Ratio	Lower	Upper
163	100		
194	5.5	4.2	6.2
164	11.1	7.8	11.8

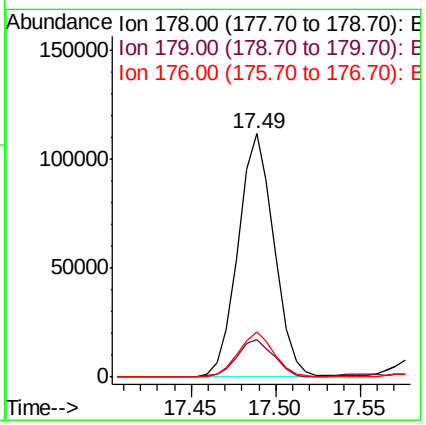


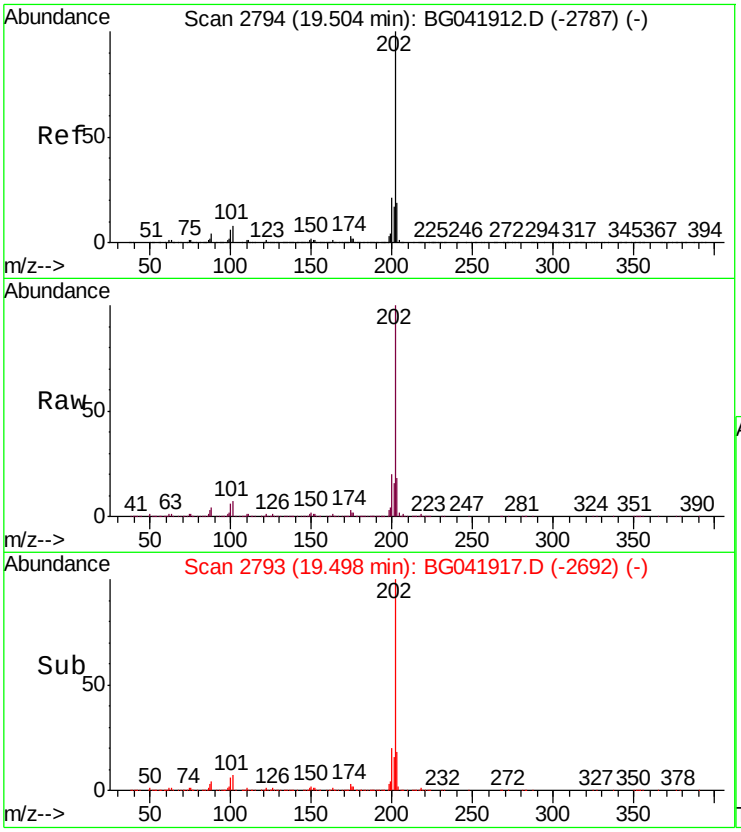


#69
Phenanthrene
Concen: 4.484 ng/ul
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG041917.D
Acq: 3 Aug 2019 20:28

Tgt Ion:178 Resp: 165956

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.4	15.4	23.2



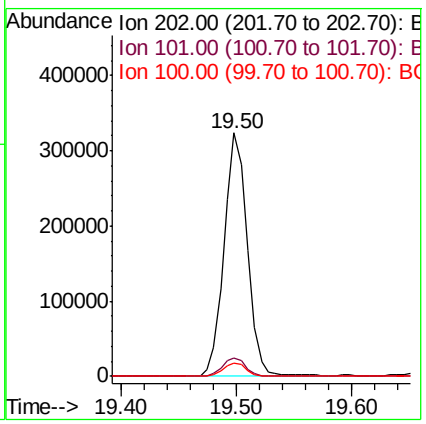


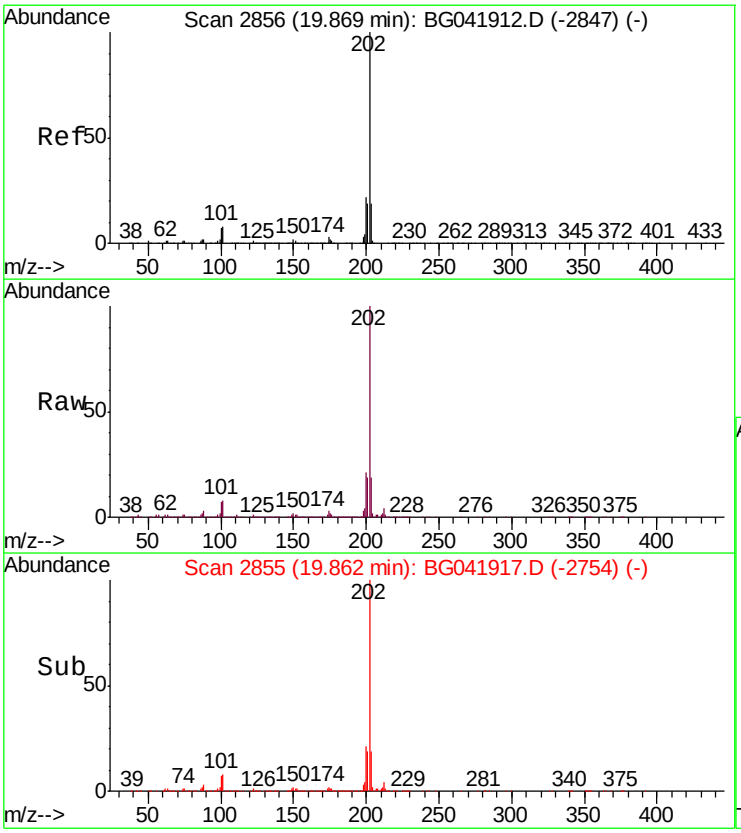
#76
Fluoranthene
Concen: 10.527 ng/ul
RT: 19.50 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BG041917.D
Acq: 3 Aug 2019 20:28

Instrument :
BNA_G
ClientSampleId :
A52F0

Tgt Ion:202 Resp: 450153

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.7	10.1
100	5.6	5.3	7.9

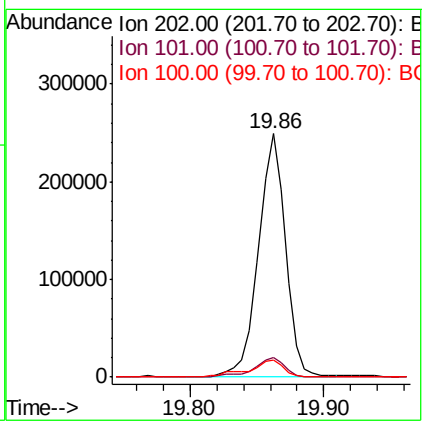


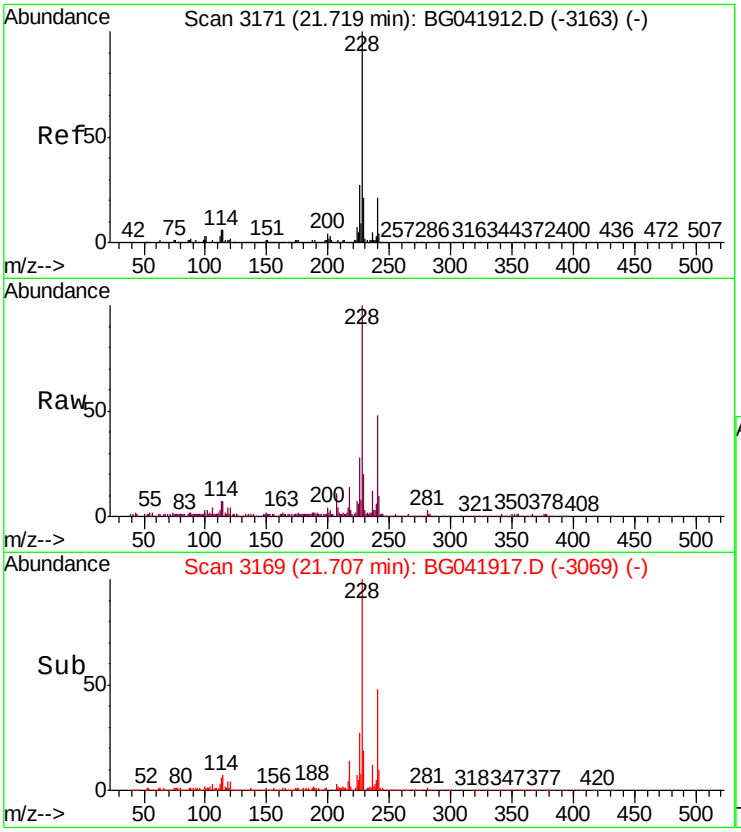


#79
Pyrene
Concen: 7.951 ng/ul
RT: 19.86 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG041917.D
Acq: 3 Aug 2019 20:28

Tgt Ion:202 Resp: 347640

Ion	Ratio	Lower	Upper
202	100		
101	7.9	7.6	11.4
100	6.9	6.5	9.7



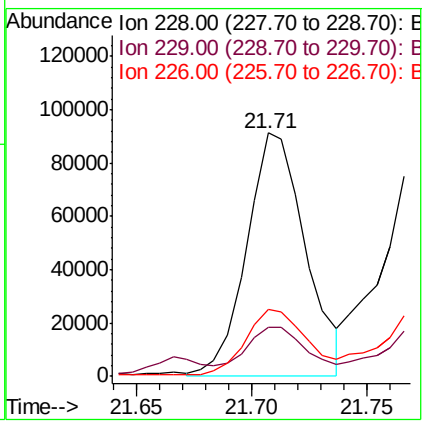


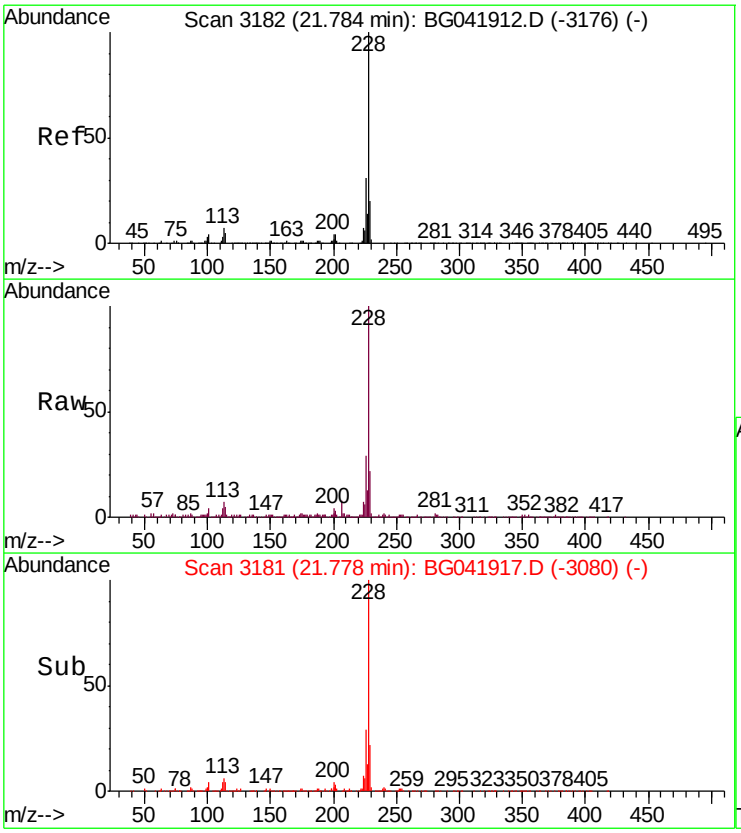
#82
Benzo(a)anthracene
Concen: 3.560 ng/ul
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG041917.D
Acq: 3 Aug 2019 20:28

Instrument :
BNA_G
ClientSampleId :
A52F0

Tgt Ion:228 Resp: 160444

Ion	Ratio	Lower	Upper
228	100		
229	20.1	17.0	25.6
226	27.5	23.3	34.9

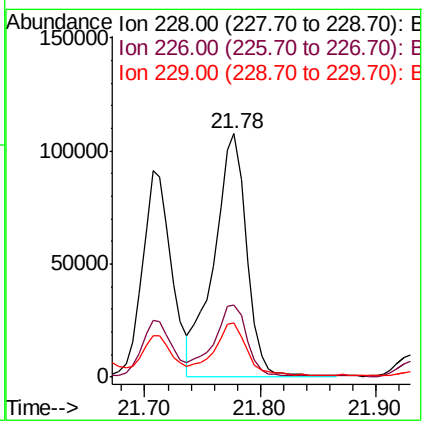


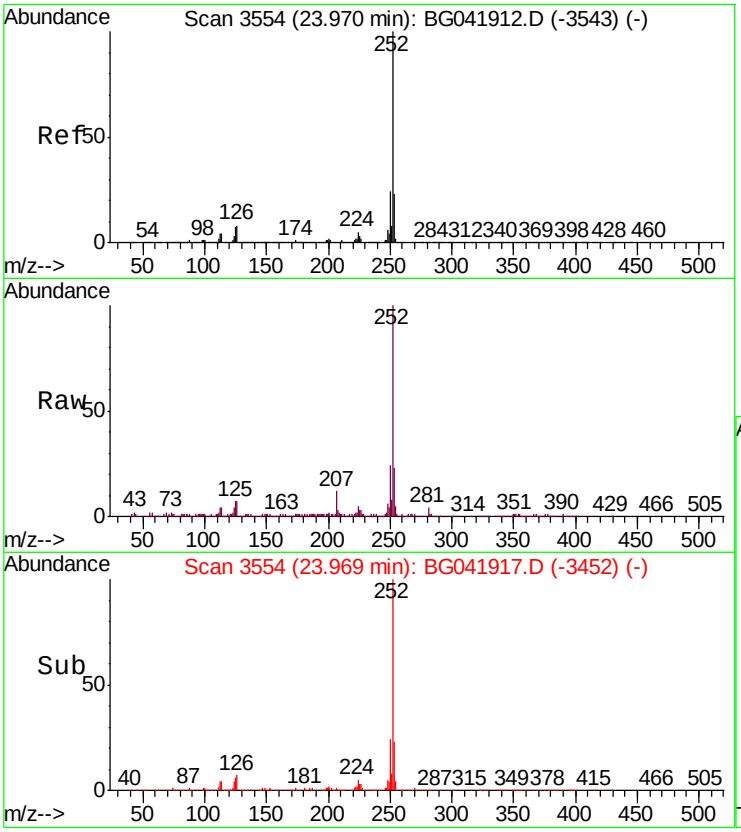


#84
Chrysene
Concen: 4.999 ng/ul
RT: 21.78 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BG041917.D
Acq: 3 Aug 2019 20:28

Tgt Ion:228 Resp: 210283

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.7	38.5
229	22.1	16.6	24.8



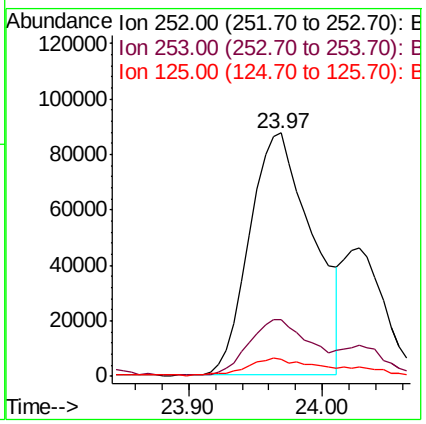


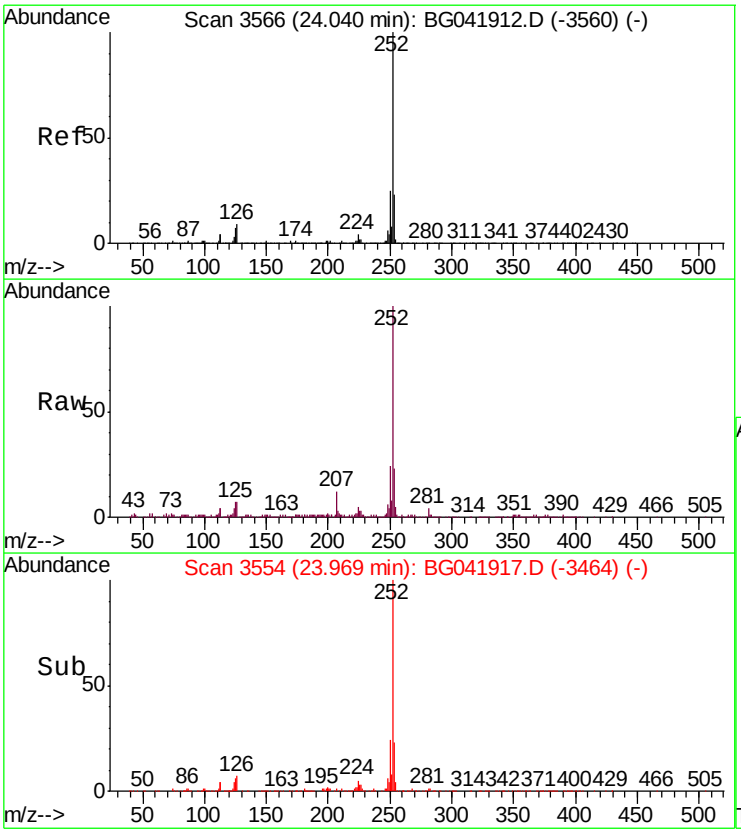
#87
Benzo(b)fluoranthene
Concen: 6.198 ng/ul
RT: 23.97 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BG041917.D
Acq: 3 Aug 2019 20:28

Instrument :
BNA_G
ClientSampleId :
A52F0

Tgt Ion:252 Resp: 286535

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	6.8	5.8	8.8

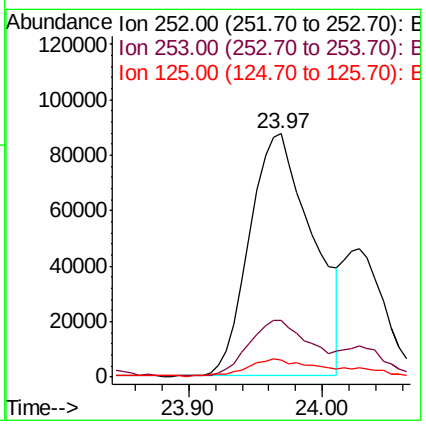


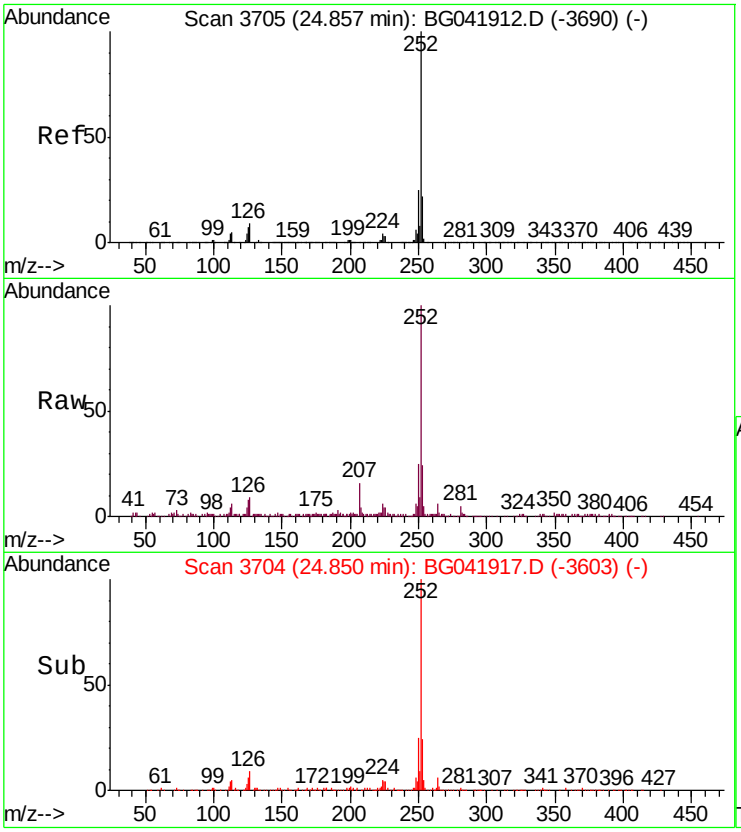


#88
Benzo(k)fluoranthene
Concen: 6.447 ng/ul
RT: 23.97 min Scan# 3554
Delta R.T. -0.07 min
Lab File: BG041917.D
Acq: 3 Aug 2019 20:28

Tgt Ion:252 Resp: 286535

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	6.8	5.5	8.3



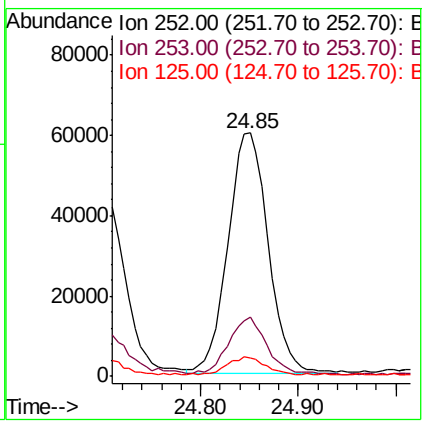


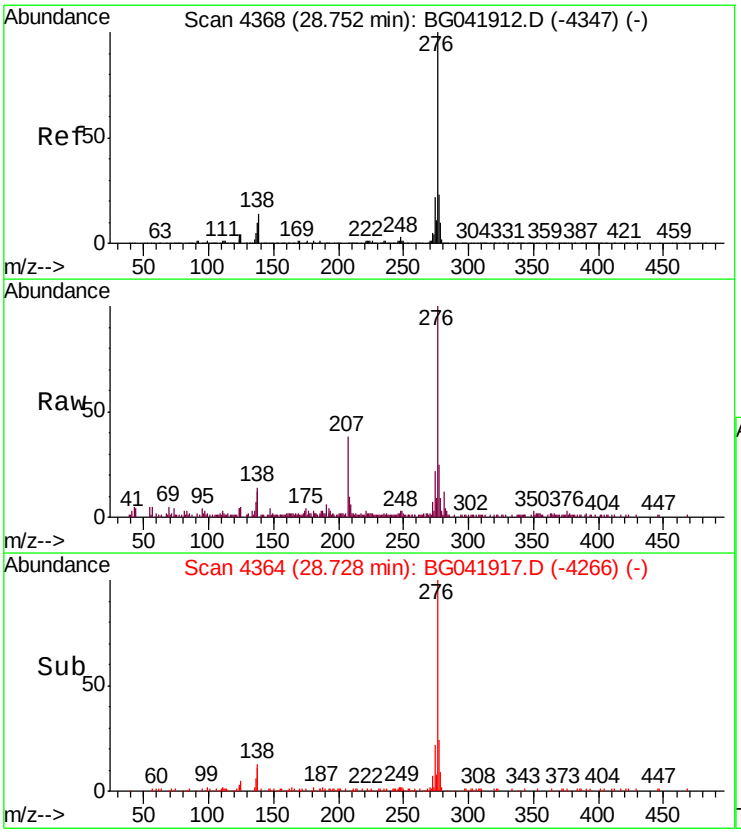
#90
Benzo(a)pyrene
Concen: 3.905 ng/ul
RT: 24.85 min Scan# 3704
Delta R.T. -0.01 min
Lab File: BG041917.D
Acq: 3 Aug 2019 20:28

Instrument :
BNA_G
ClientSampleId :
A52F0

Tgt Ion:252 Resp: 172010

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.3	27.5
125	7.5	6.5	9.7

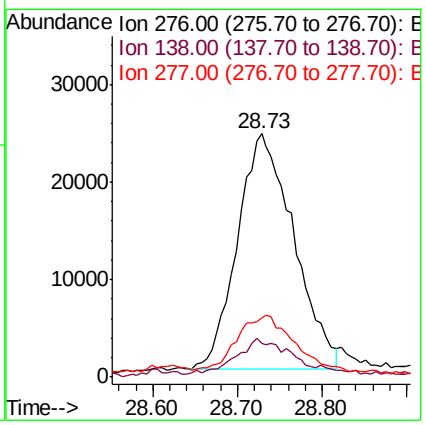


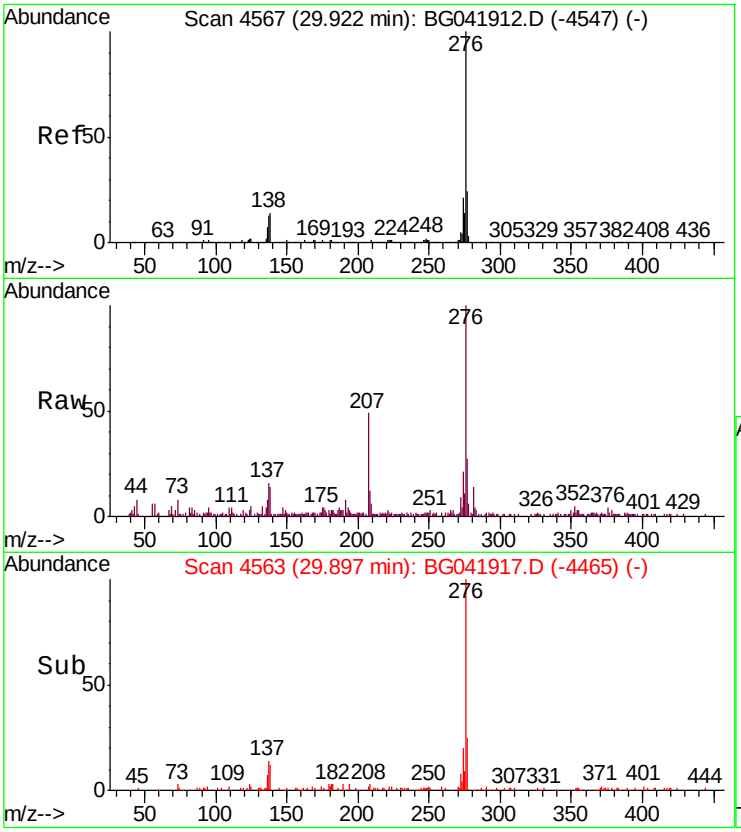


#91
Indeno(1,2,3-cd)pyrene
Concen: 2.168 ng/ul
RT: 28.73 min Scan# 4364
Delta R.T. -0.02 min
Lab File: BG041917.D
Acq: 3 Aug 2019 20:28

Tgt Ion:276 Resp: 111413

Ion	Ratio	Lower	Upper
276	100		
138	13.8	12.0	18.0
277	24.6	19.2	28.8





#93
Benzo(g,h,i)perylene
Concen: 2.376 ng/ul
RT: 29.90 min Scan# 4563
Delta R.T. -0.02 min
Lab File: BG041917.D
Acq: 3 Aug 2019 20:28

Instrument :
BNA_G
ClientSampleId :
A52F0

Tgt Ion:276 Resp: 101912

Ion	Ratio	Lower	Upper
276	100		
138	13.5	12.6	18.8
277	27.0	19.2	28.8