Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042025.D
Acq On : 7 Aug 2019 11:08
Operator : HP/JU
Sample : K4028-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 07 12:03:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	76255	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	330742	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	239378	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	513543	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	497573	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	598597	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	4363	2.50	ng/uL	0.00
5) Phenol-d5	7.18	99	97012	16.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	49395	14.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	89030	17.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	81249	16.17	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	42909	17.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	55209	19.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	104175	17.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	101085	15.61	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	345941	18.63	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	400560	18.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	44198	14.18	ng/ul	0.00
57) Fluorene-d10	15.68	176	312006	18.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	49600	15.05	ng/ul	0.00
70) Anthracene-d10	17.54	188	485495	19.70	ng/ul	0.00
78) Pyrene-d10	19.83	212	541791	19.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	614668	19.66	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.13	163	164648	8.932	ng/ul	98
69) Phenanthrene	17.48	178	201871	7.180	ng/ul	97
71) Anthracene	17.57	178	51379	1.802	ng/ul	96
76) Fluoranthene	19.49	202	378698	11.658	ng/ul	97
79) Pyrene	19.85	202	440161	13.151	ng/ul	97
82) Benzo(a)anthracene	21.70	228	282771	8.196	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	23607	1.313	ng/ul	99
84) Chrysene	21.77	228	278118	8.637	ng/ul	95
87) Benzo(b)fluoranthene	23.95	252	290573	7.735	ng/ul	98
88) Benzo(k)fluoranthene	23.95	252	290573	8.045	ng/ul	98
90) Benzo(a)pyrene	24.83	252	246244	6.879	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.71	276	135586	3.247	ng/ul	100
93) Benzo(g,h,i)perylene	29.87	276	137045	3.931	ng/ul	98

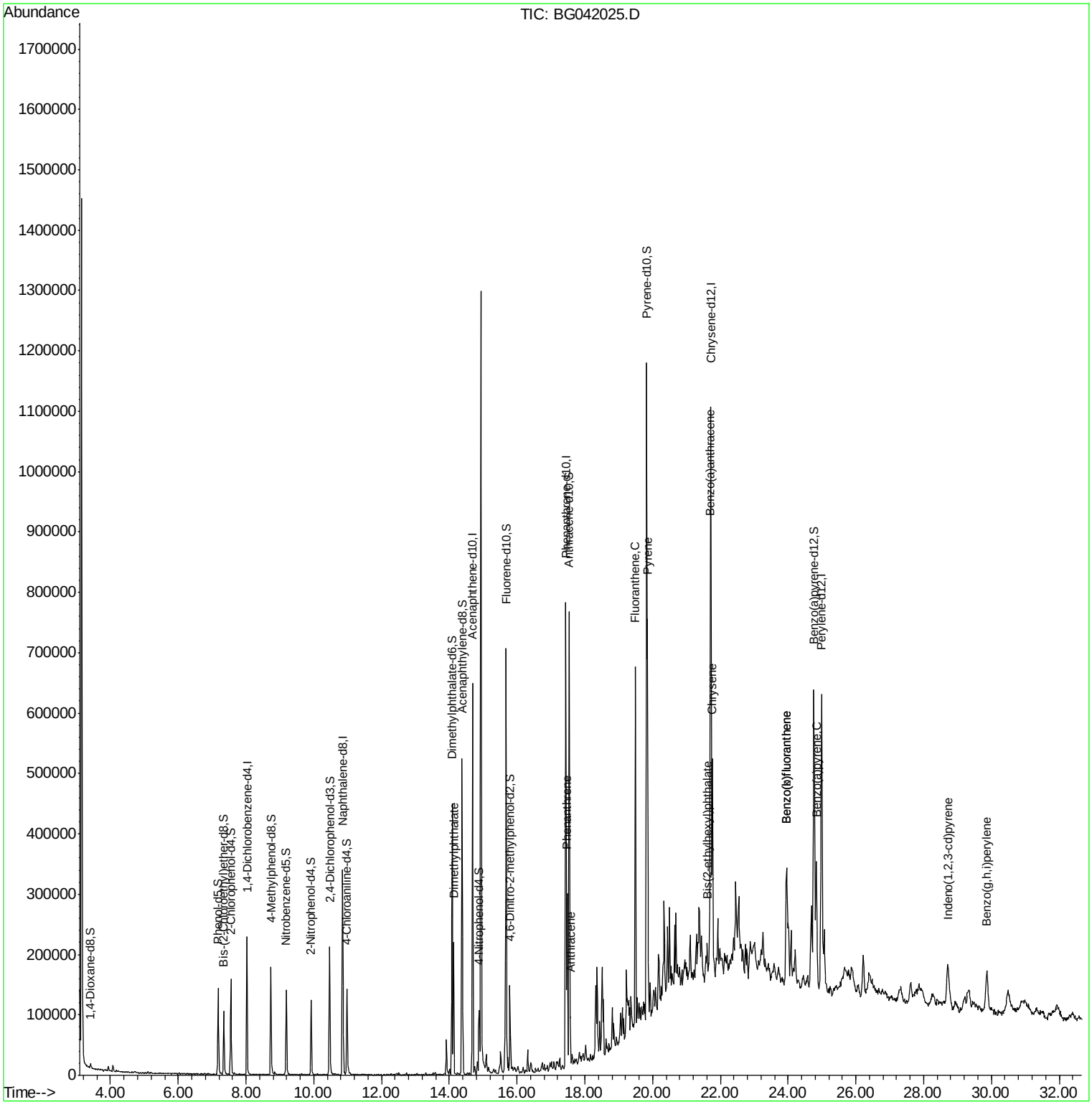
(#) = qualifier out of range (m) = manual integration (+) = signals summed

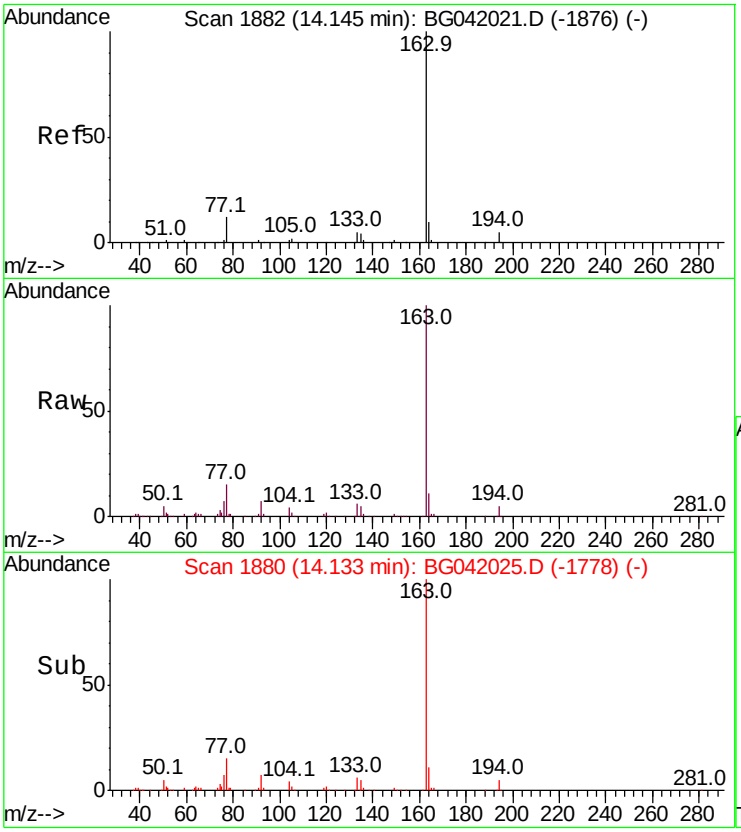
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042025.D
Acq On : 7 Aug 2019 11:08
Operator : HP/JU
Sample : K4028-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 07 12:03:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration



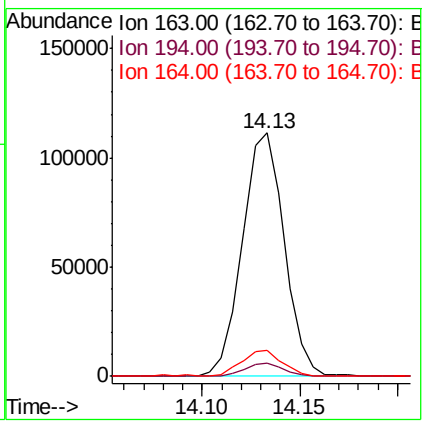


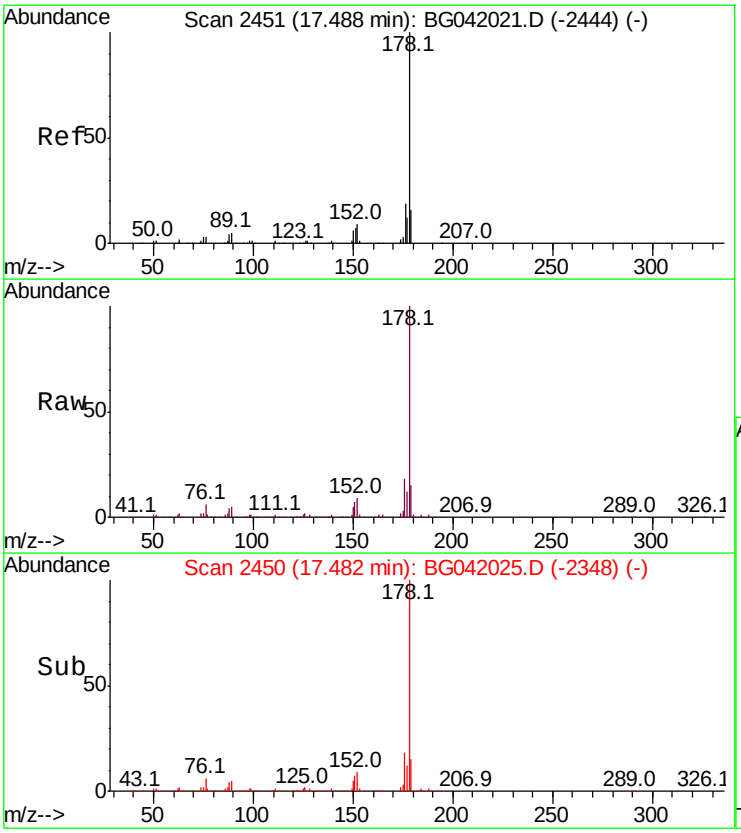
#44
Dimethylphthalate
Concen: 8.932 ng/ul
RT: 14.13 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 164648

Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.2	6.2
164	10.9	7.8	11.8

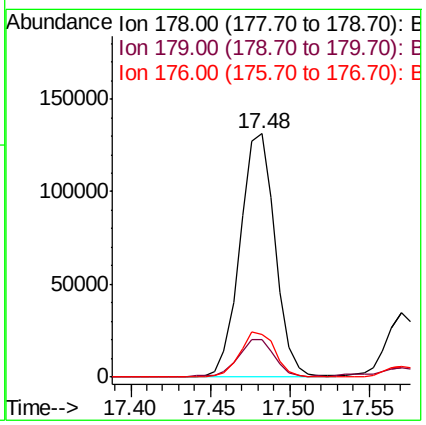


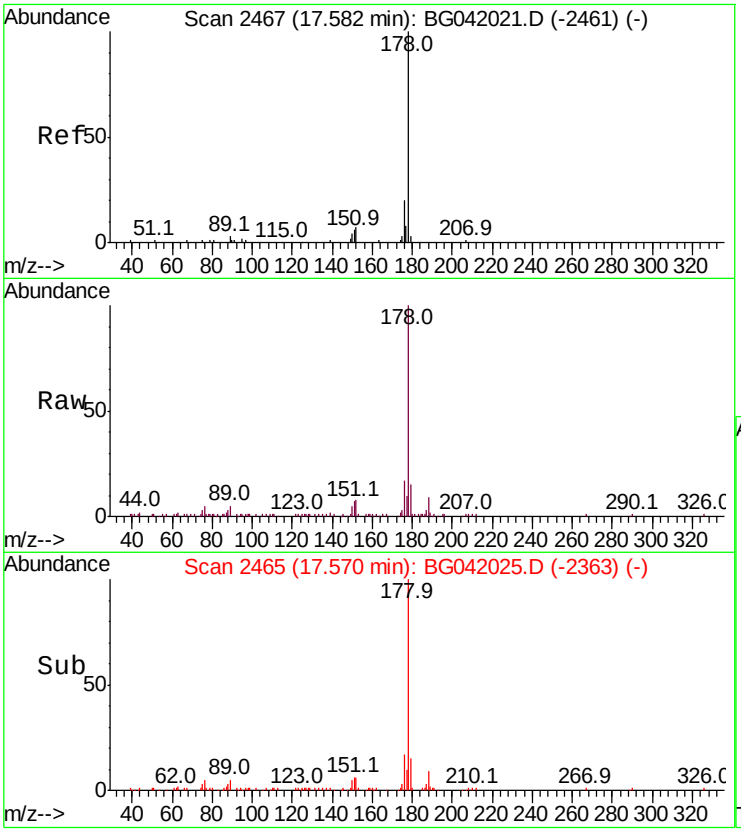


#69
Phenanthrene
Concen: 7.180 ng/ul
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Tgt Ion:178 Resp: 201871

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	17.6	15.4	23.2



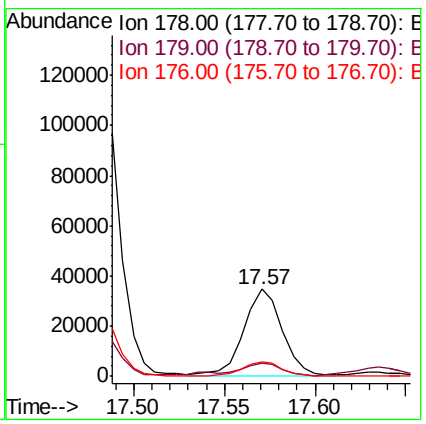


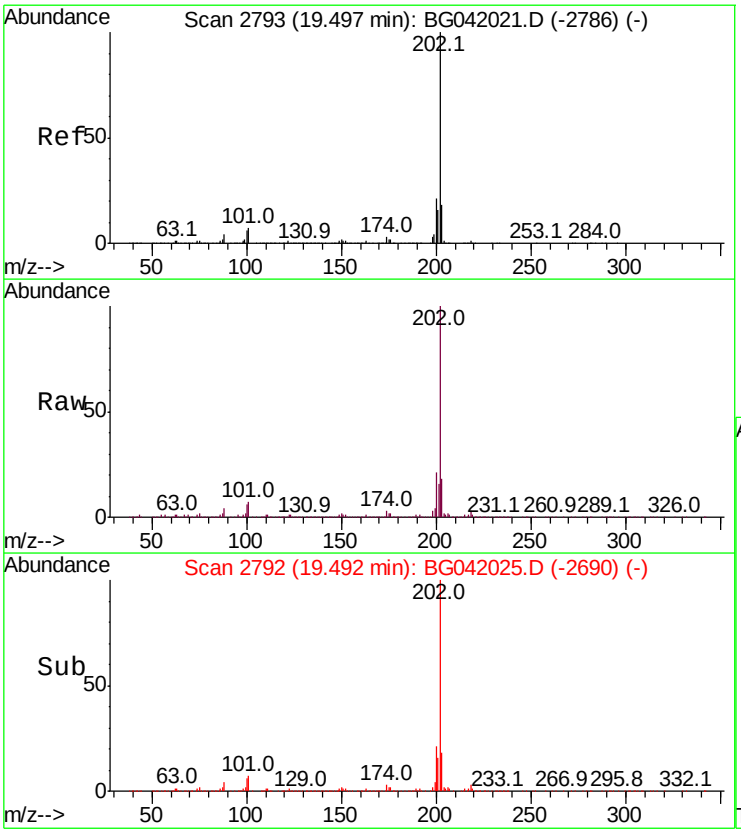
#71
Anthracene
Concen: 1.802 ng/ul
RT: 17.57 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 51379

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.4	20.0
176	17.1	15.4	23.2

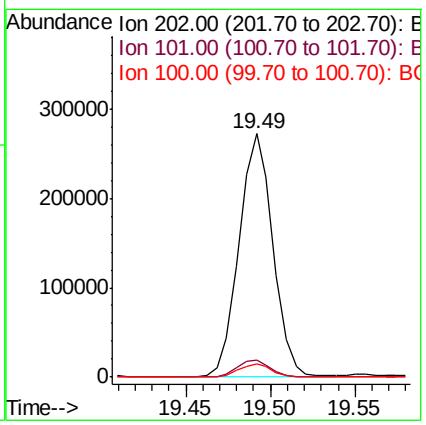


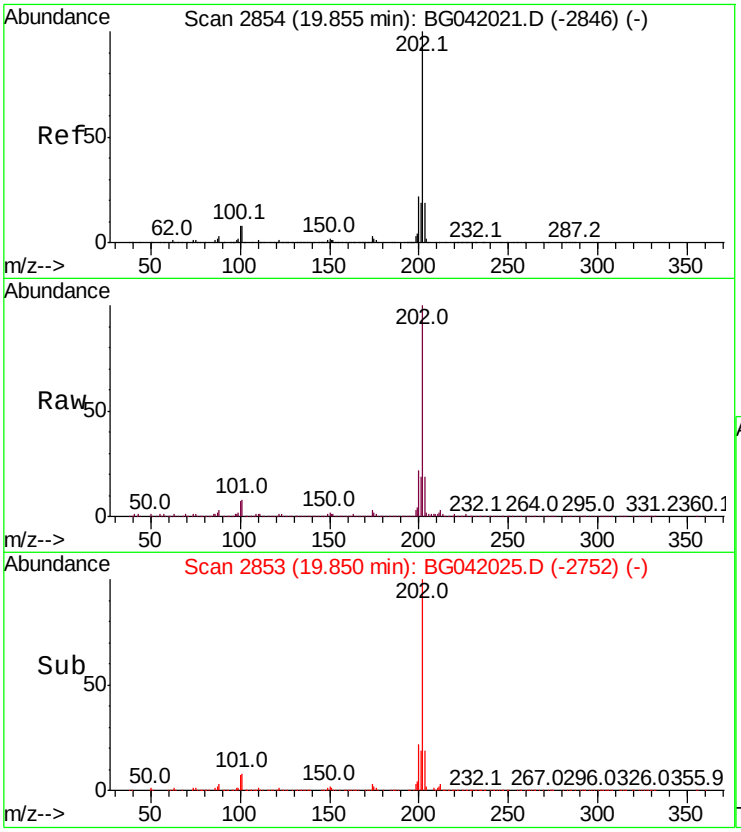


#76
Fluoranthene
Concen: 11.658 ng/ul
RT: 19.49 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Tgt Ion:202 Resp: 378698

Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.7	10.1
100	5.7	5.3	7.9



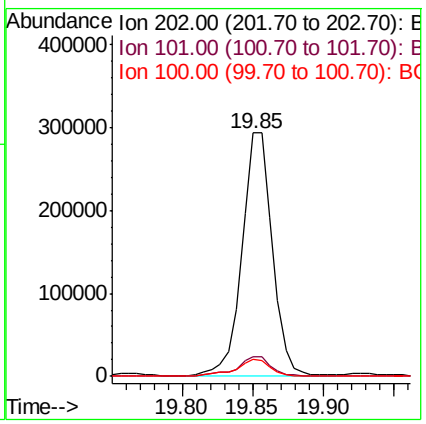


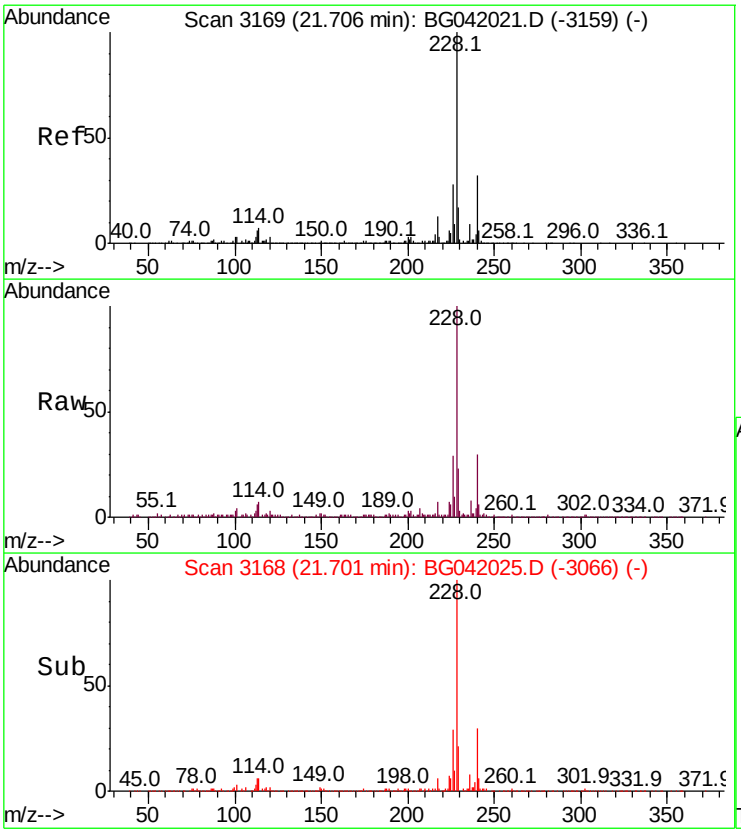
#79
Pyrene
Concen: 13.151 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 440161

Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.6	11.4
100	7.2	6.5	9.7

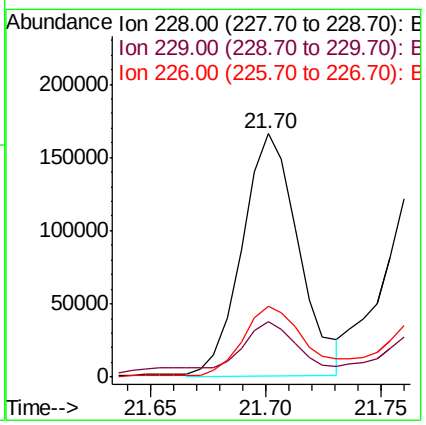


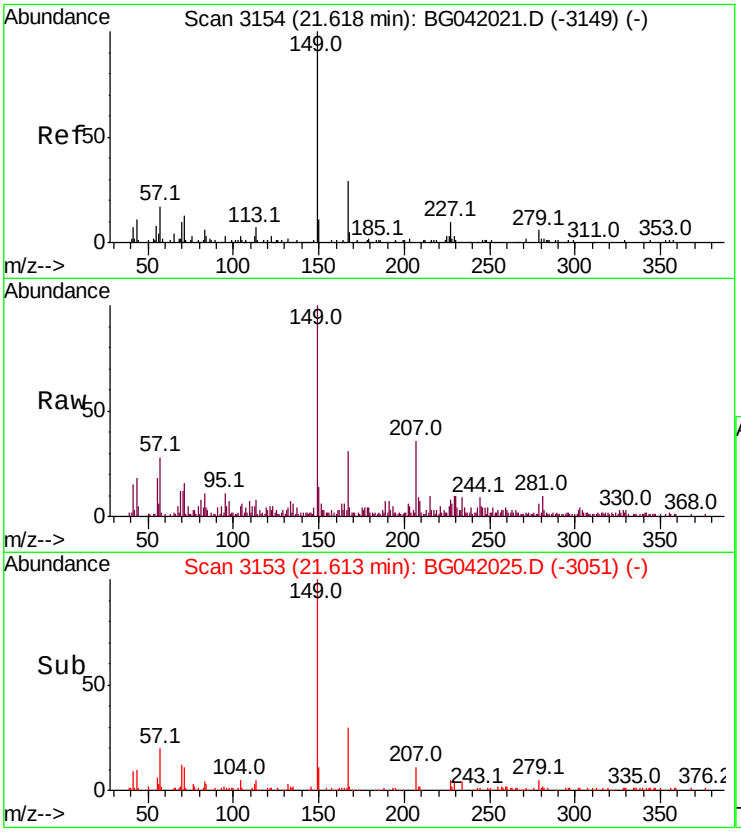


#82
Benzo(a)anthracene
Concen: 8.196 ng/ul
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Tgt Ion:228 Resp: 282771

Ion	Ratio	Lower	Upper
228	100		
229	22.6	17.0	25.6
226	29.2	23.3	34.9



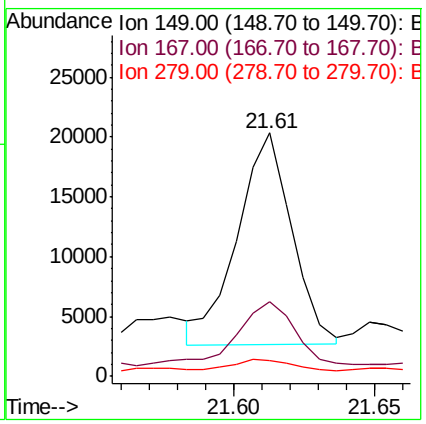


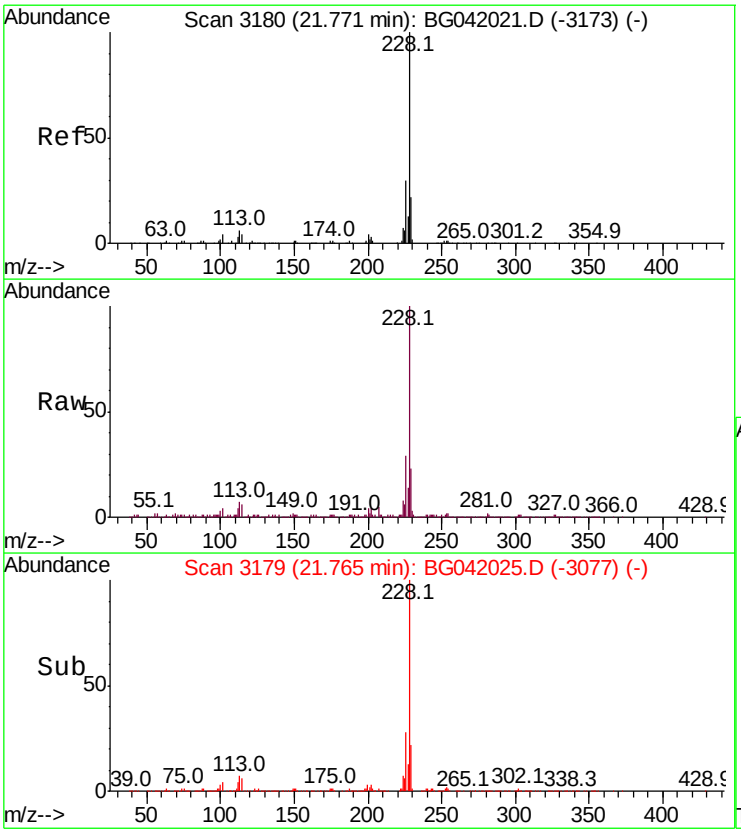
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.313 ng/ul
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 23607

Ion	Ratio	Lower	Upper
149	100		
167	30.6	25.0	37.4
279	6.4	5.2	7.8

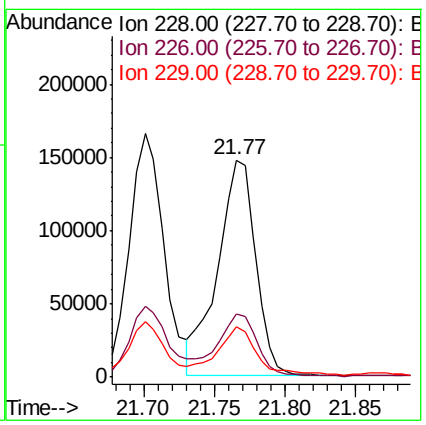


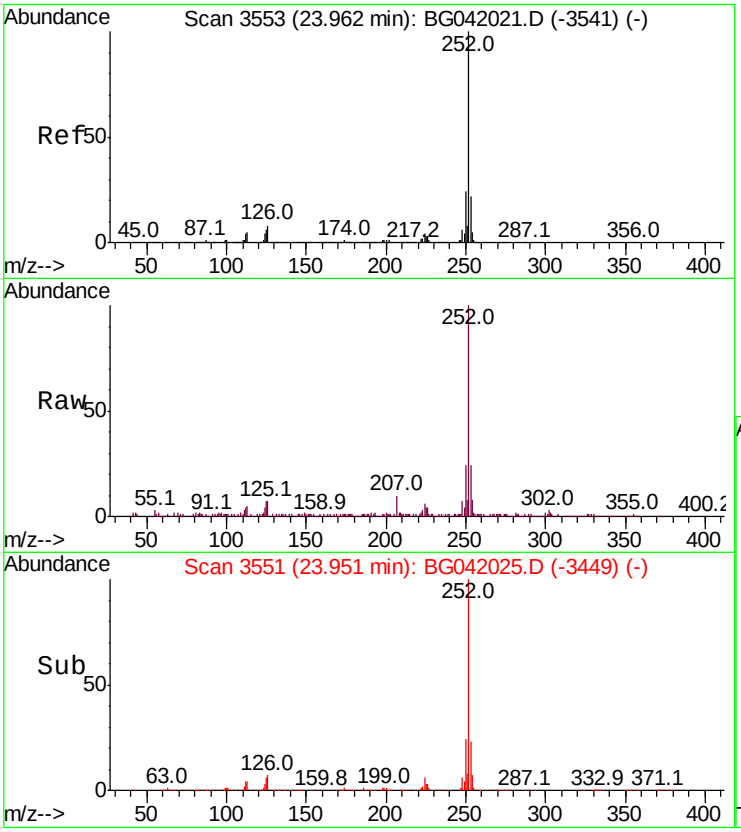


#84
Chrysene
Concen: 8.637 ng/ul
RT: 21.77 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Tgt Ion:228 Resp: 278118

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.7	38.5
229	23.0	16.6	24.8



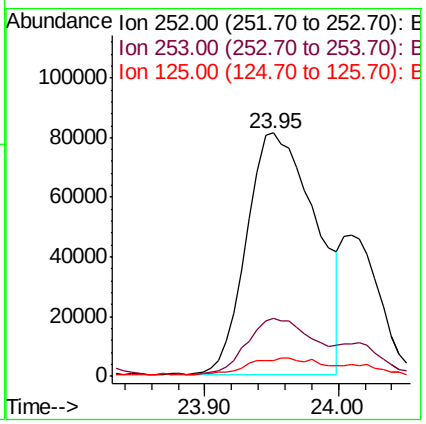


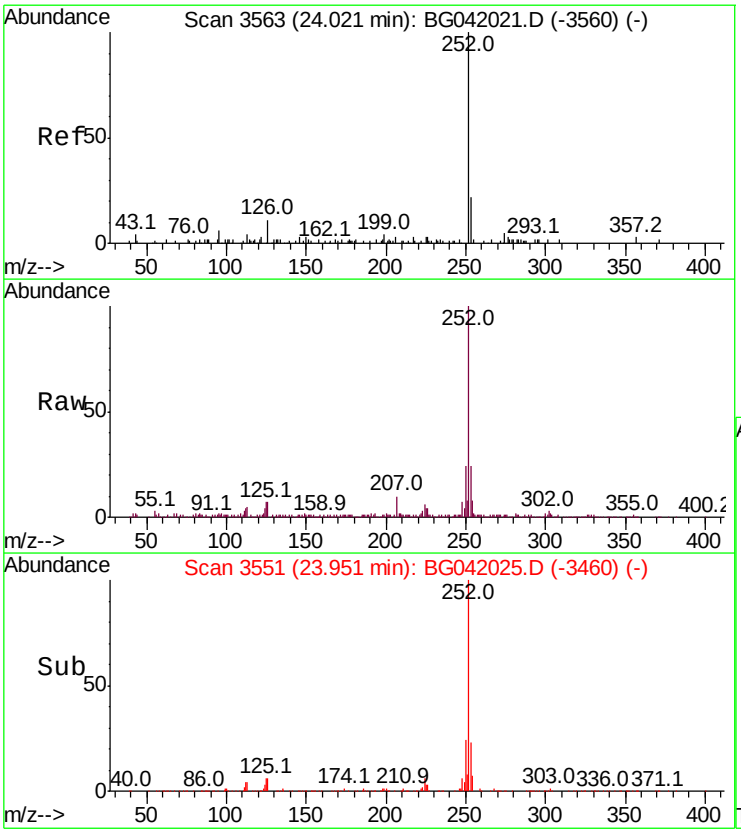
#87
Benzo(b)fluoranthene
Concen: 7.735 ng/ul
RT: 23.95 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 290573

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	6.5	5.8	8.8

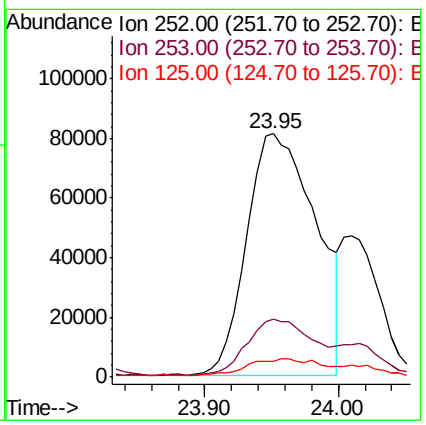


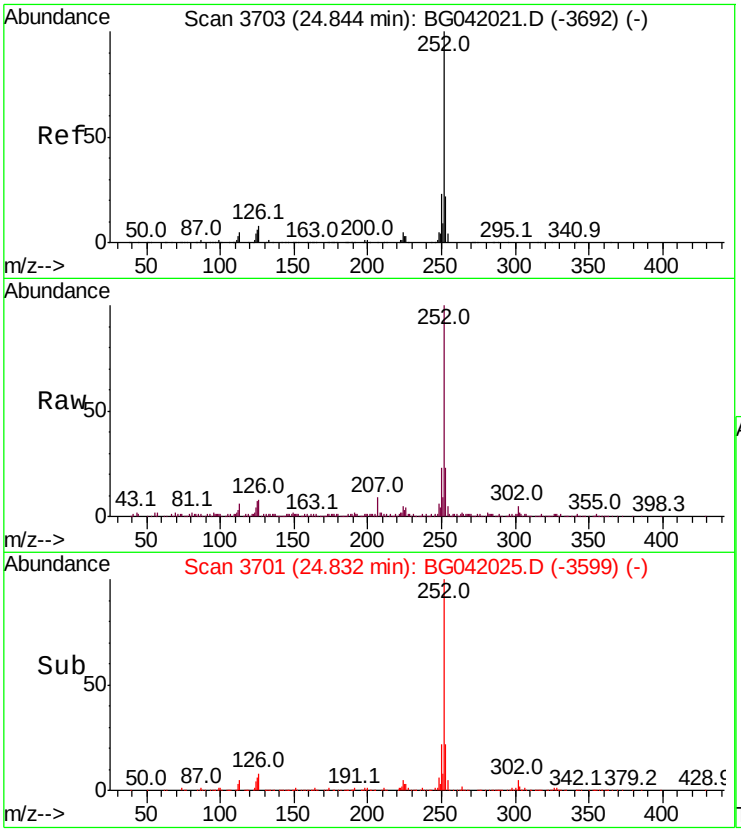


#88
Benzo(k)fluoranthene
Concen: 8.045 ng/ul
RT: 23.95 min Scan# 3551
Delta R.T. -0.06 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Tgt Ion:252 Resp: 290573

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.3	27.5
125	6.5	5.5	8.3



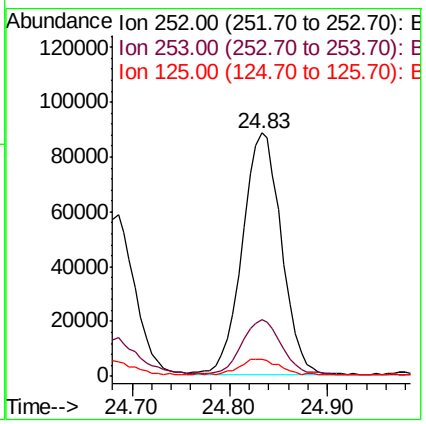


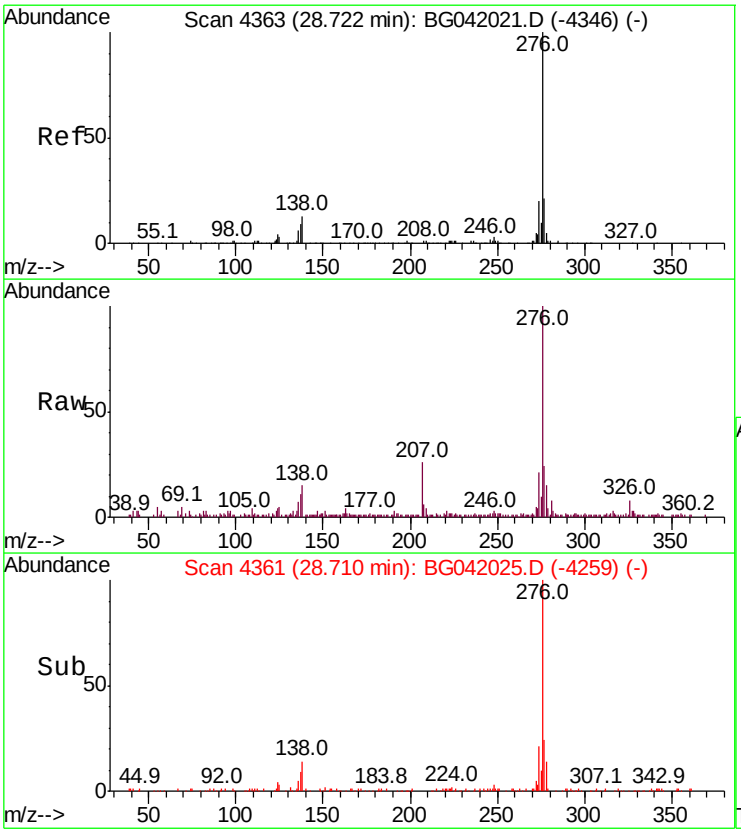
#90
Benzo(a)pyrene
Concen: 6.879 ng/ul
RT: 24.83 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 246244

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	7.1	6.5	9.7

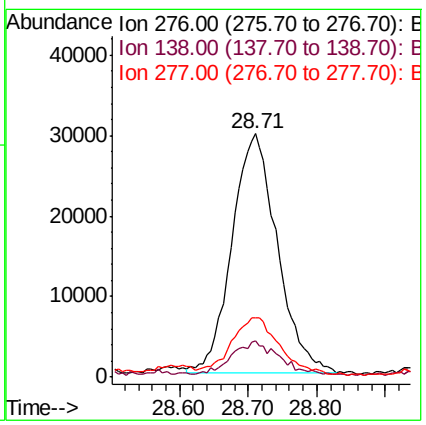


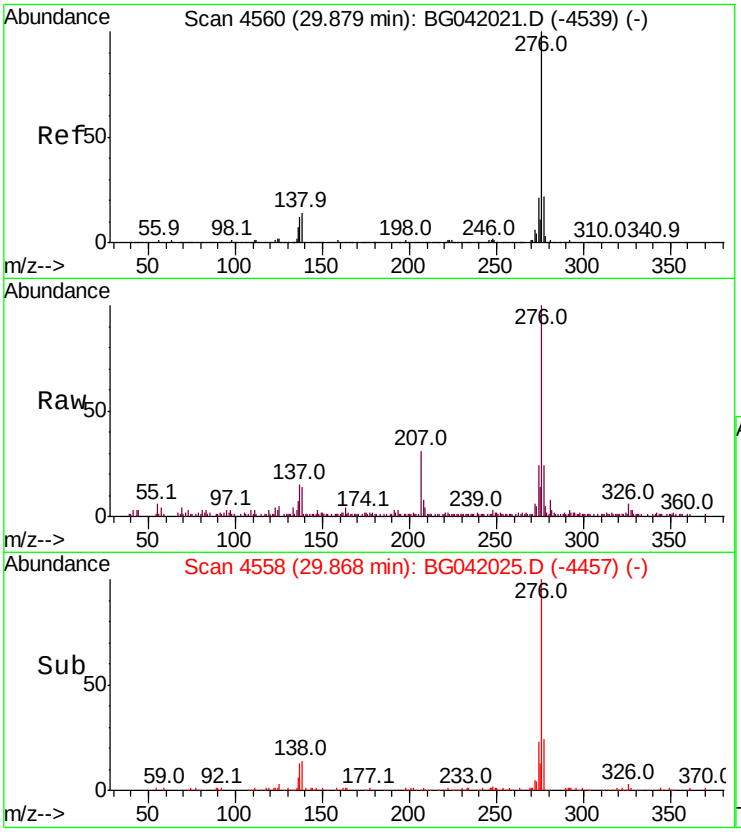


#91
Indeno(1,2,3-cd)pyrene
Concen: 3.247 ng/ul
RT: 28.71 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Tgt Ion:276 Resp: 135586

Ion	Ratio	Lower	Upper
276	100		
138	14.9	12.0	18.0
277	24.3	19.2	28.8





#93
Benzo(g,h,i)perylene
Concen: 3.931 ng/ul
RT: 29.87 min Scan# 4558
Delta R.T. -0.01 min
Lab File: BG042025.D
Acq: 7 Aug 2019 11:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 137045

Ion	Ratio	Lower	Upper
276	100		
138	14.5	12.6	18.8
277	24.4	19.2	28.8