Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020755.D
Acq On : 15 Jan 2016 16:41
Operator : SJ/IZ
Sample : H1101-17 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC9F8

Quant Time: Jan 15 22:19:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 22:12:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	16901	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	72818	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	49559	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	123504	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	145245	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	137640	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.21	99	1960	1.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	865	0.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	1962	1.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	790	0.65	ng/ul	0.01
19) Nitrobenzene-d5	9.23	128	813	1.42	ng/ul	0.01
22) 2-Nitrophenol-d4	9.95	143	1139	1.71	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.49	165	1906	1.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	566	0.45	ng/ul	0.02
44) Dimethylphthalate-d6	14.08	166	8668	2.00	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	10183	2.10	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.67	176	8269	2.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	396	0.59	ng/ul	0.00
71) Anthracene-d10	17.53	188	13136	2.17	ng/ul	0.00
79) Pyrene-d10	19.81	212	14963	2.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	16335	2.23	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	17.47	178	80597	10.97	ng/ul	99
72) Anthracene	17.56	178	11044	1.49	ng/ul	98
77) Fluoranthene	19.48	202	140697	15.75	ng/ul	99
80) Pyrene	19.84	202	178325	19.36	ng/ul	99
83) Benzo(a)anthracene	21.68	228	88597	9.78	ng/ul	98
85) Chrysene	21.75	228	93183	10.88	ng/ul	96
88) Benzo(b)fluoranthene	23.92	252	79440	8.96	ng/ul	98
89) Benzo(k)fluoranthene	23.92	252	79440	9.07	ng/ul	99
91) Benzo(a)pyrene	24.65	252	44010	5.16	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.68	276	39761	3.95	ng/ul	99
94) Benzo(g,h,i)perylene	29.84	276	22587	2.72	ng/ul#	94

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

Quantitation Report (Not Reviewed)

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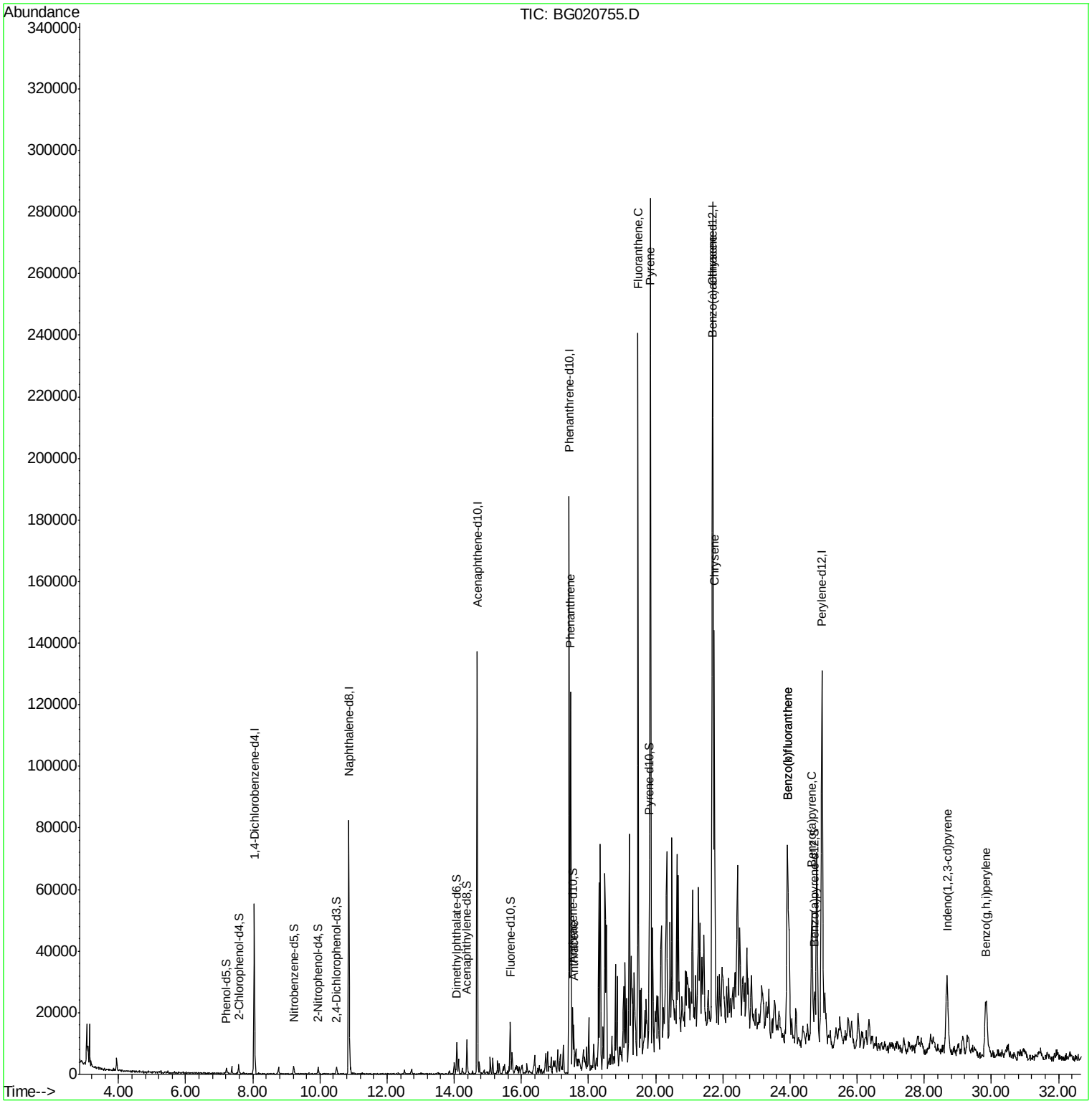
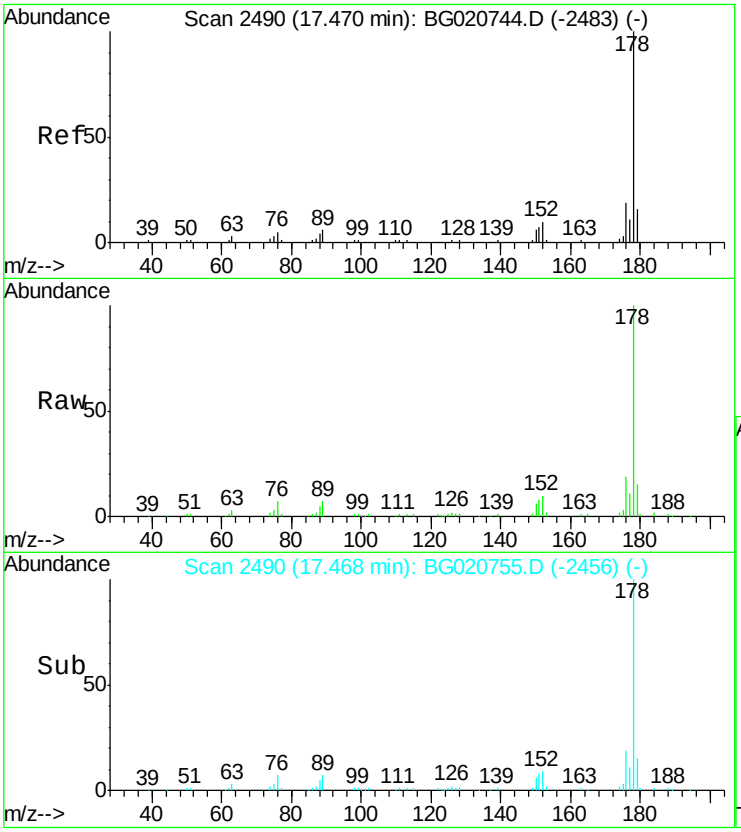
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC9F8

Quant Time: Jan 15 22:19:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 22:12:27 2016
Response via : Initial Calibration



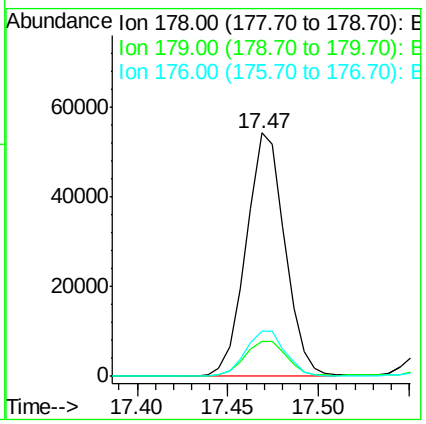


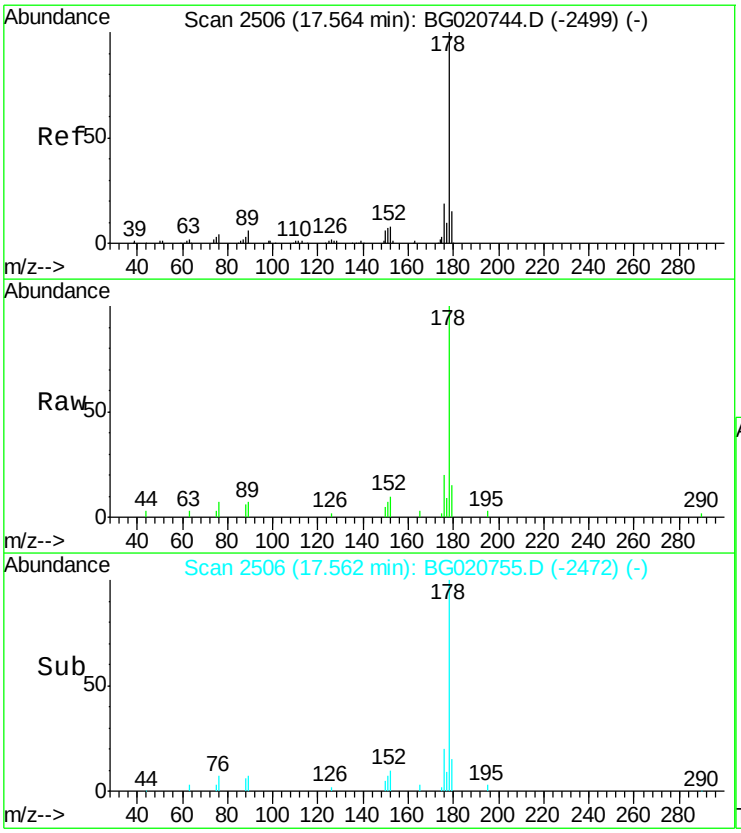
#70
Phenanthrene
Concen: 10.97 ng/ul
RT: 17.47 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BG020755.D
Acq: 15 Jan 2016 16:41

Instrument :
BNA_G
ClientSampleId :
BC9F8

Tgt Ion:178 Resp: 80597

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	18.8	15.4	23.0

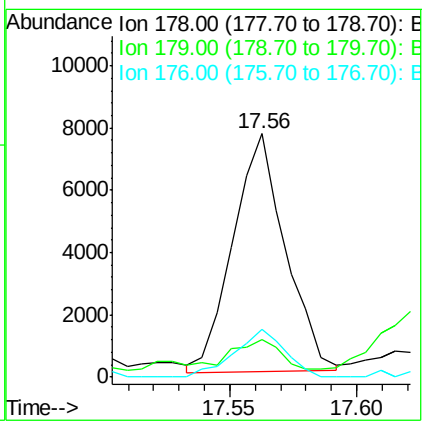


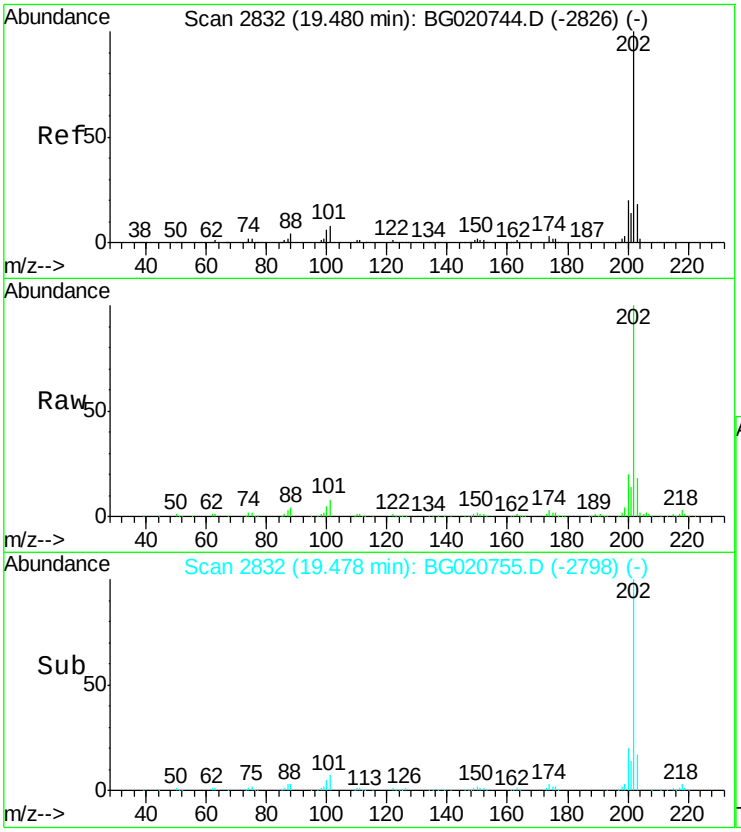


#72
Anthracene
Concen: 1.49 ng/ul
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG020755.D
Acq: 15 Jan 2016 16:41

Tgt Ion:178 Resp: 11044

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.2
176	19.6	15.4	23.0



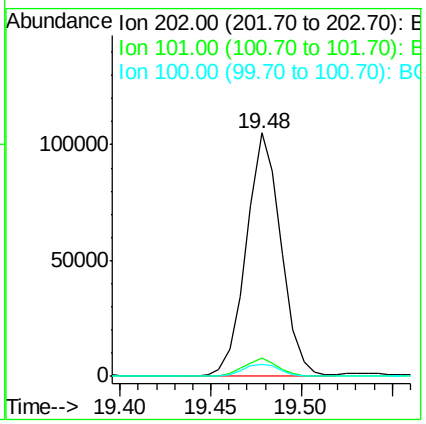


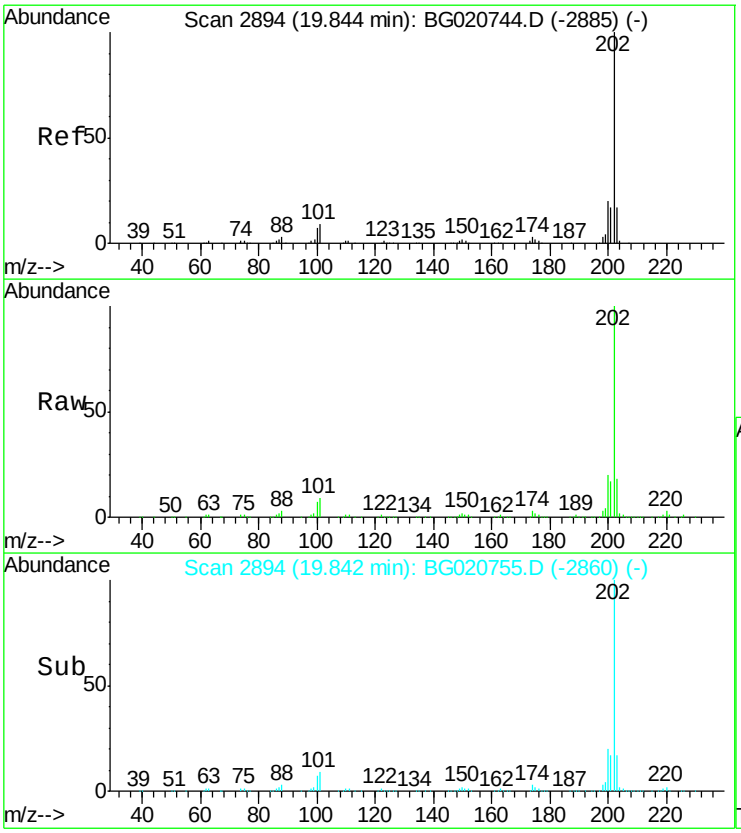
#77
Fluoranthene
Concen: 15.75 ng/ul
RT: 19.48 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BG020755.D
Acq: 15 Jan 2016 16:41

Instrument :
BNA_G
ClientSampleId :
BC9F8

Tgt Ion:202 Resp: 140697

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.1	9.1
100	5.2	4.6	7.0

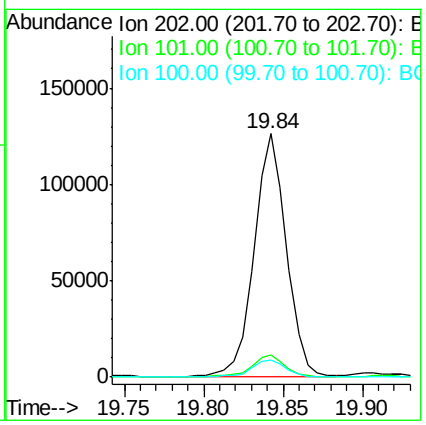


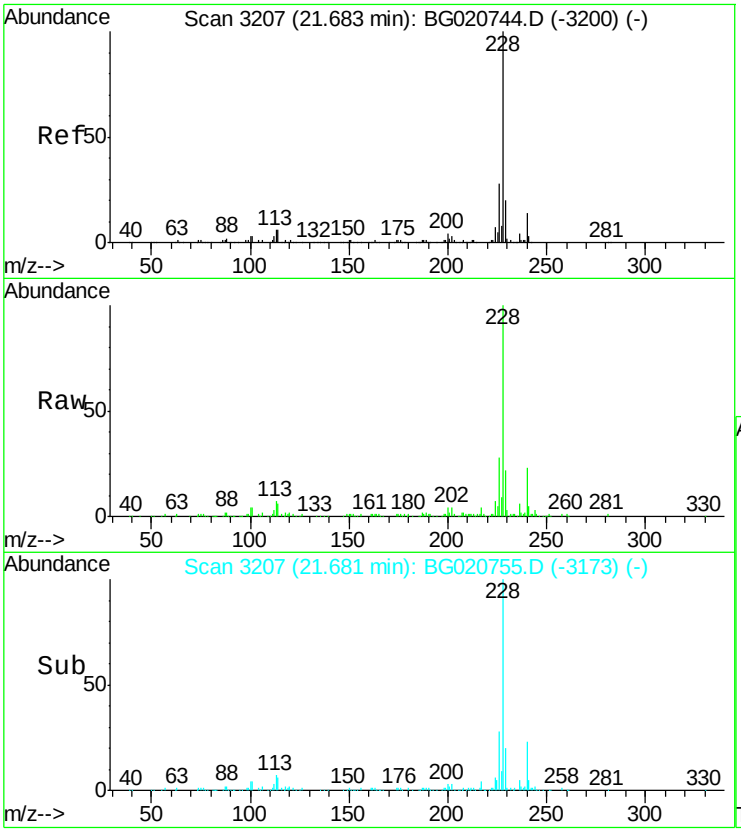


#80
Pyrene
Concen: 19.36 ng/ul
RT: 19.84 min Scan# 2894
Delta R.T. -0.00 min
Lab File: BG020755.D
Acq: 15 Jan 2016 16:41

Tgt Ion:202 Resp: 178325

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.9	10.3
100	7.0	5.6	8.4



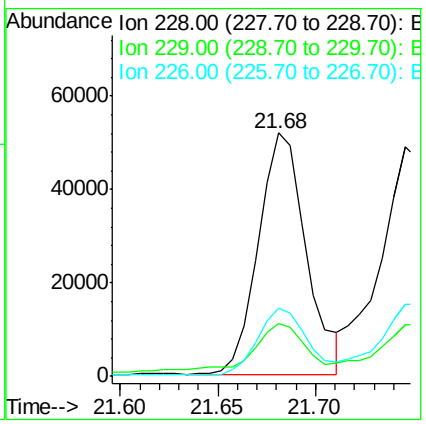


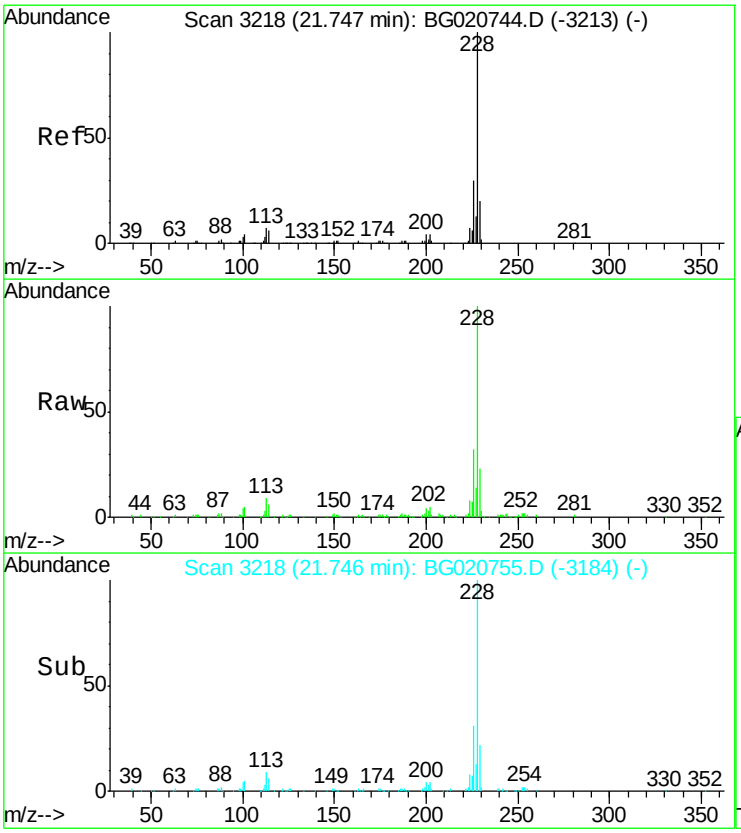
#83
Benzo(a)anthracene
Concen: 9.78 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BG020755.D
Acq: 15 Jan 2016 16:41

Instrument :
BNA_G
ClientSampleId :
BC9F8

Tgt Ion:228 Resp: 88597

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.0	24.0
226	27.9	21.8	32.8

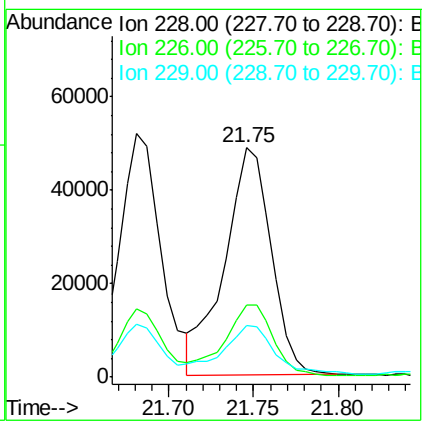


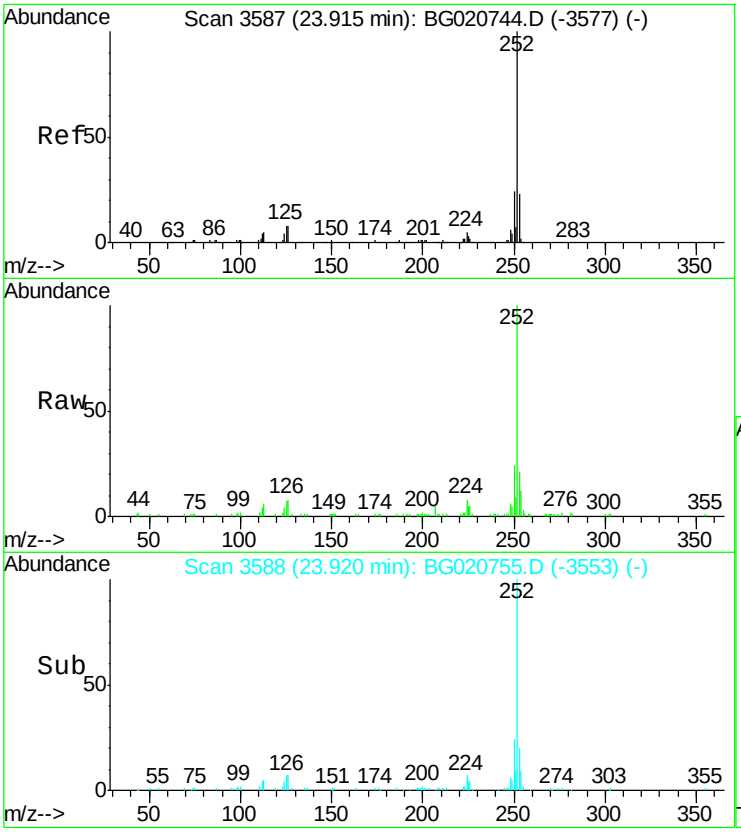


#85
Chrysene
Concen: 10.88 ng/ul
RT: 21.75 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG020755.D
Acq: 15 Jan 2016 16:41

Tgt Ion:228 Resp: 93183

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.1	36.1
229	22.7	16.0	24.0



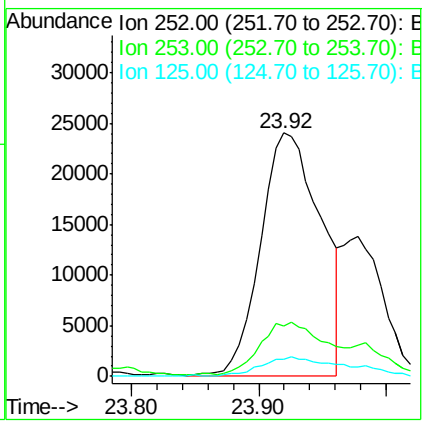


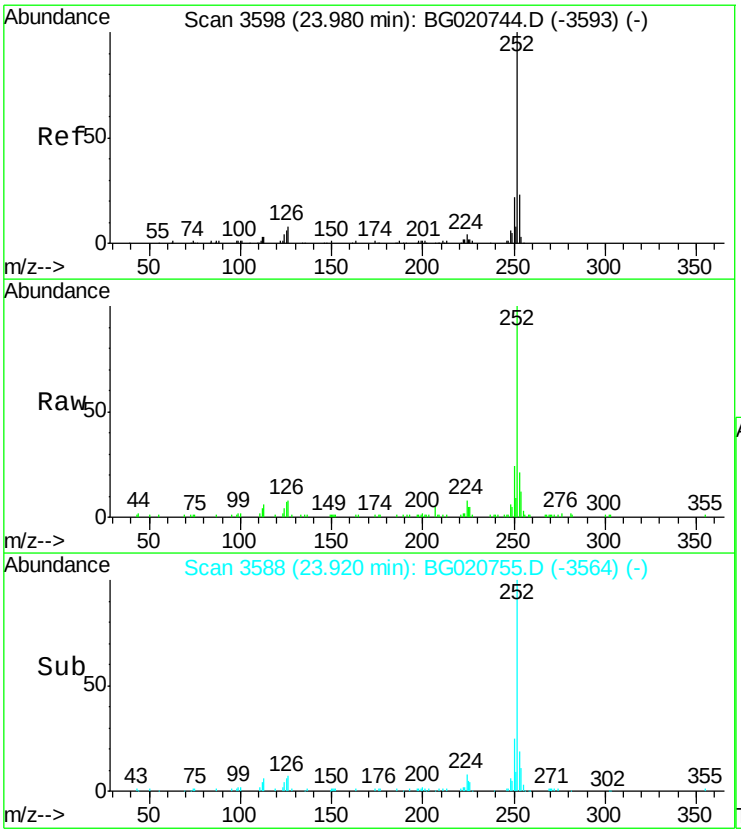
#88
Benzo(b)fluoranthene
Concen: 8.96 ng/ul
RT: 23.92 min Scan# 3588
Delta R.T. 0.00 min
Lab File: BG020755.D
Acq: 15 Jan 2016 16:41

Instrument :
BNA_G
ClientSampleId :
BC9F8

Tgt Ion:252 Resp: 79440

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.4	26.0
125	6.9	4.9	7.3

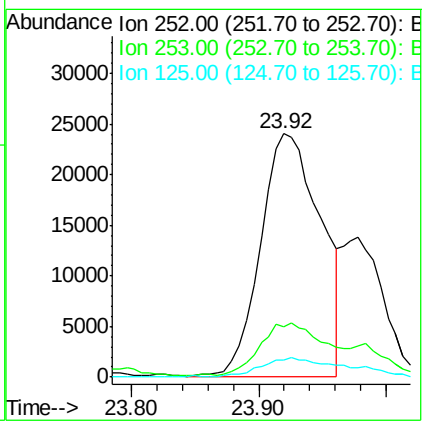


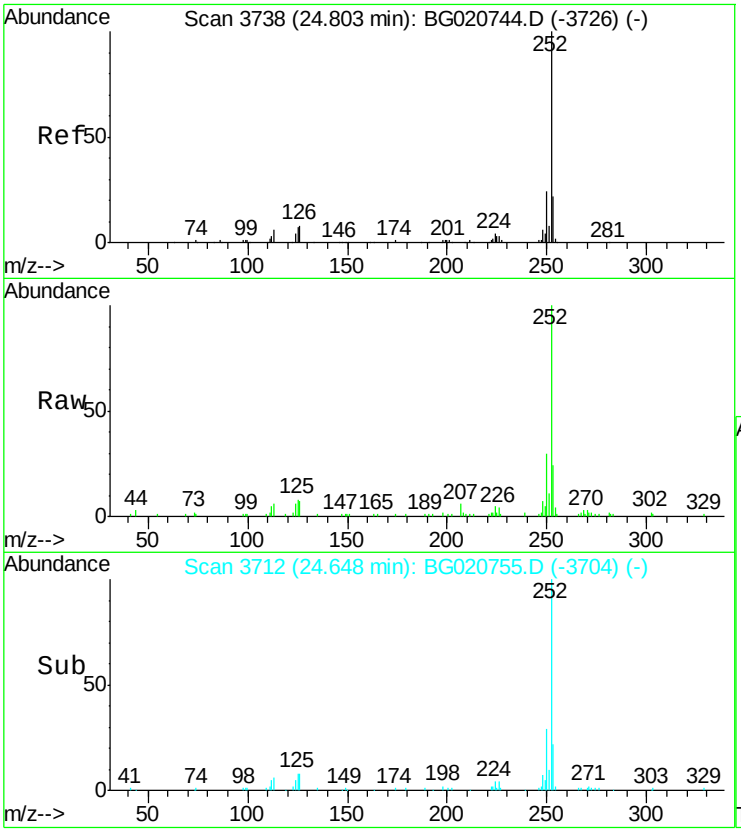


#89
Benzo(k)fluoranthene
Concen: 9.07 ng/ul
RT: 23.92 min Scan# 3588
Delta R.T. -0.06 min
Lab File: BG020755.D
Acq: 15 Jan 2016 16:41

Tgt Ion:252 Resp: 79440

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.1	25.7
125	6.9	5.4	8.0



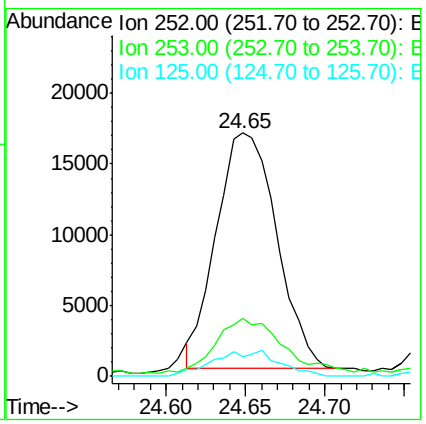


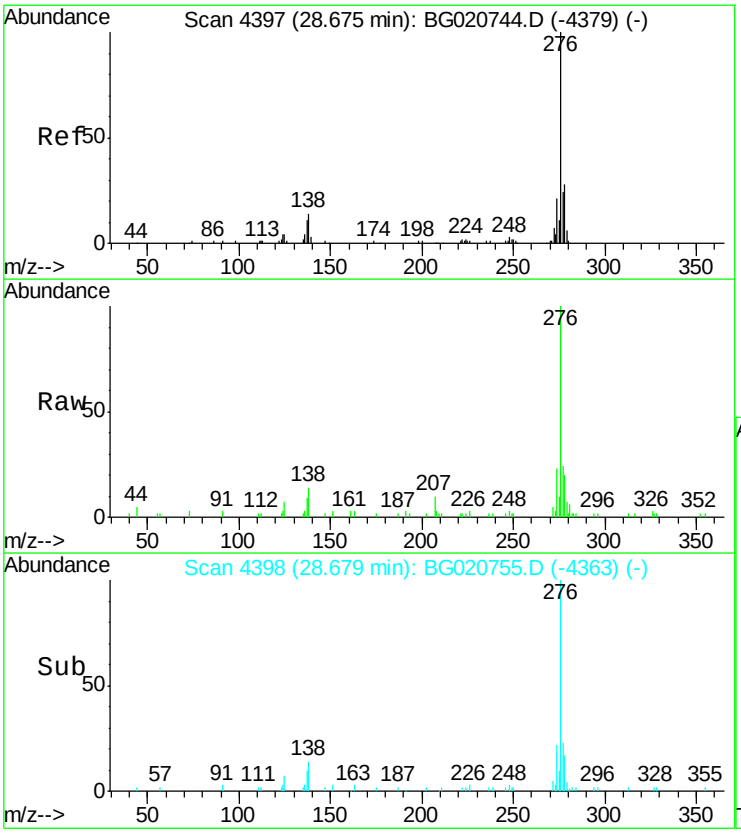
#91
Benzo(a)pyrene
Concen: 5.16 ng/ul
RT: 24.65 min Scan# 3712
Delta R.T. -0.15 min
Lab File: BG020755.D
Acq: 15 Jan 2016 16:41

Instrument :
BNA_G
ClientSampleId :
BC9F8

Tgt Ion:252 Resp: 44010

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	8.1	5.8	8.6

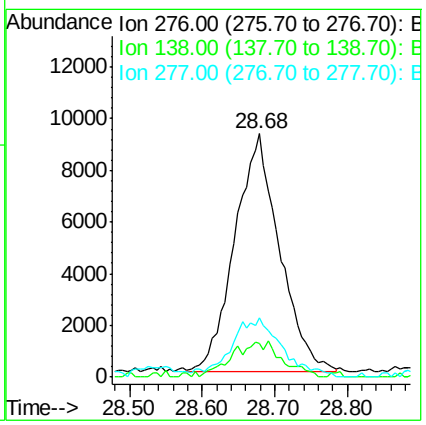


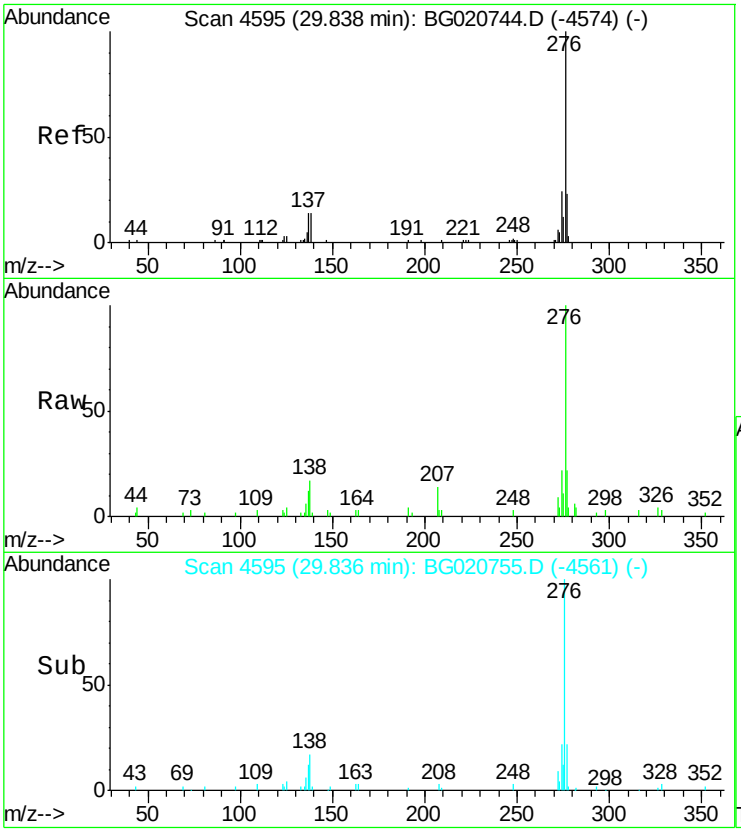


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.95 ng/ul
RT: 28.68 min Scan# 4398
Delta R.T. 0.00 min
Lab File: BG020755.D
Acq: 15 Jan 2016 16:41

Tgt Ion:276 Resp: 39761

Ion	Ratio	Lower	Upper
276	100		
138	13.8	10.9	16.3
277	24.2	18.9	28.3





#94
Benzo(g,h,i)perylene
Concen: 2.72 ng/ul
RT: 29.84 min Scan# 4595
Delta R.T. -0.00 min
Lab File: BG020755.D
Acq: 15 Jan 2016 16:41

Instrument :
BNA_G
ClientSampleId :
BC9F8

Tgt Ion:276 Resp: 22587

Ion	Ratio	Lower	Upper
276	100		
138	17.0	11.2	16.8#
277	21.5	19.0	28.6