Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\

Quantitation Report (Not Reviewed)

Data File : BG042036.D
Acq On : 7 Aug 2019 18:13
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENW2

Quant Time: Aug 08 01:40:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	72638	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	314982	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	221745	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	478230	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	468281	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	551284	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	7848	4.73	ng/uL	0.00
5) Phenol-d5	7.17	99	177578	31.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	99098	31.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	166006	34.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	155187	32.43	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	87169	36.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	105040	38.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	194375	34.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	207910	33.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	652802	37.96	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	719429	36.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	76323	26.43	ng/ul	0.00
57) Fluorene-d10	15.68	176	573649	37.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	93974	30.63	ng/ul	0.00
70) Anthracene-d10	17.54	188	873259	38.06	ng/ul	0.00
78) Pyrene-d10	19.82	212	949909	36.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	1080069	37.50	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.20	94	13675	2.324	ng/ul	99
44) Dimethylphthalate	14.13	163	193829	11.351	ng/ul	97
48) 3-Nitroaniline	14.09	138	36002	12.154	ng/ul#	76
69) Phenanthrene	17.48	178	60370	2.306	ng/ul	97
76) Fluoranthene	19.85	202	145753	4.818	ng/ul	99
79) Pyrene	19.85	202	145753	4.627	ng/ul	96
82) Benzo(a)anthracene	21.70	228	80236	2.471	ng/ul	98
84) Chrysene	21.77	228	85845	2.833	ng/ul	98
87) Benzo(b)fluoranthene	23.95	252	122119	3.530	ng/ul	100
88) Benzo(k)fluoranthene	23.95	252	122119	3.671	ng/ul	100
90) Benzo(a)pyrene	24.84	252	79125	2.400	ng/ul	99
93) Benzo(g,h,i)perylene	29.86	276	39798	1.240	ng/ul	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\

Quantitation Report (Not Reviewed)

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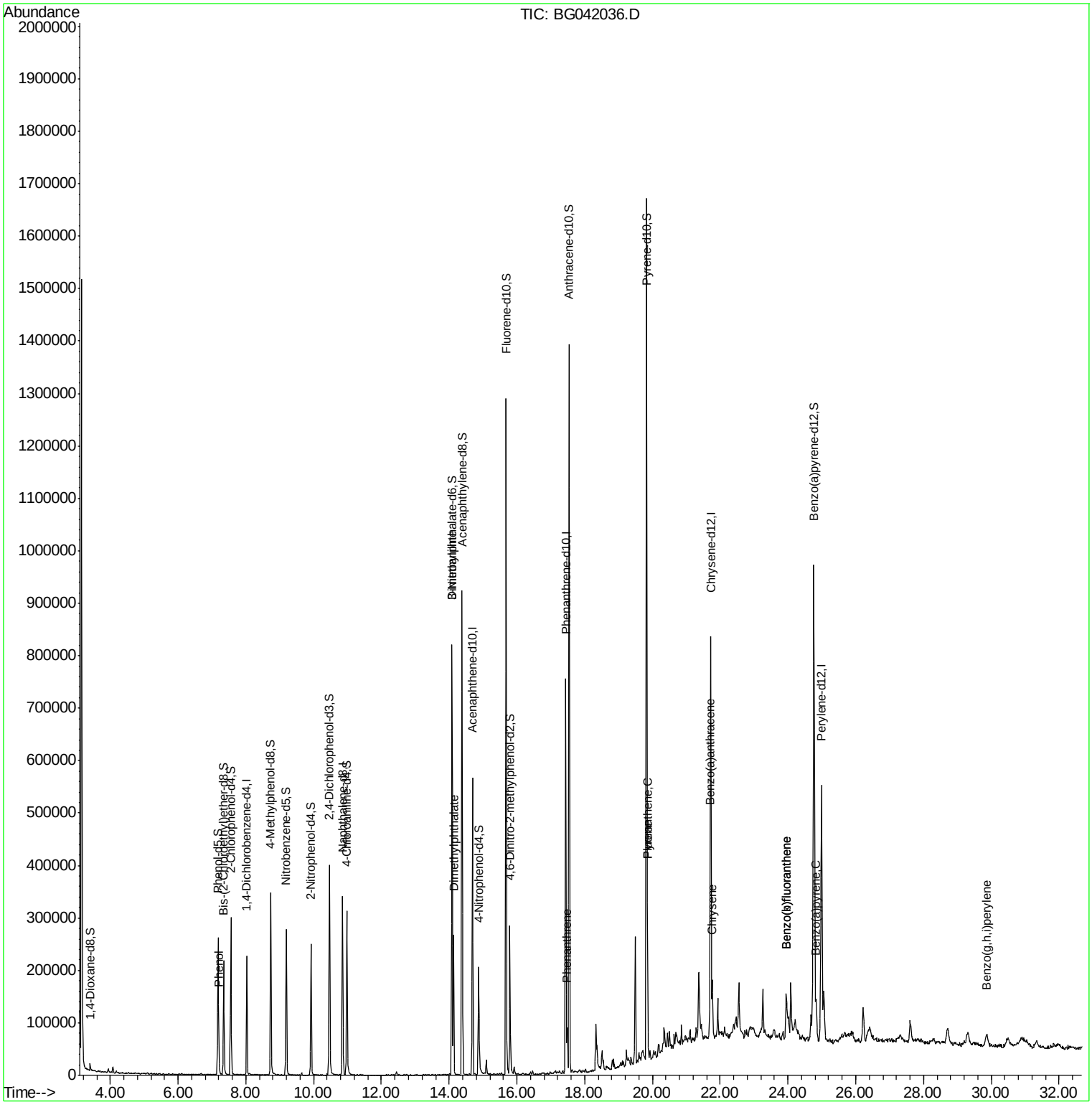
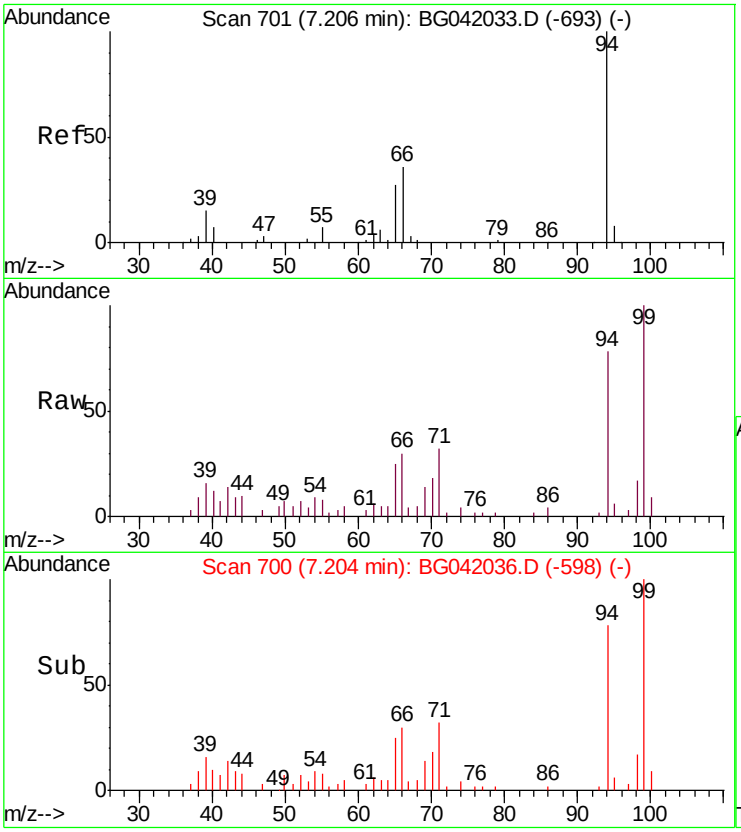
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration



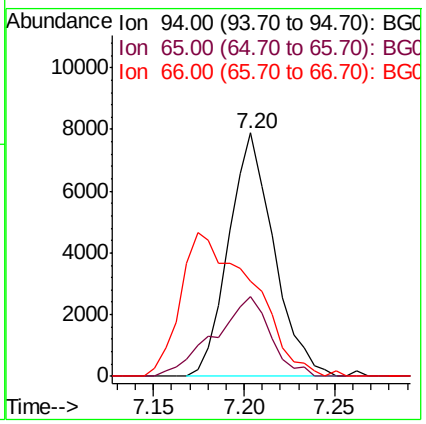


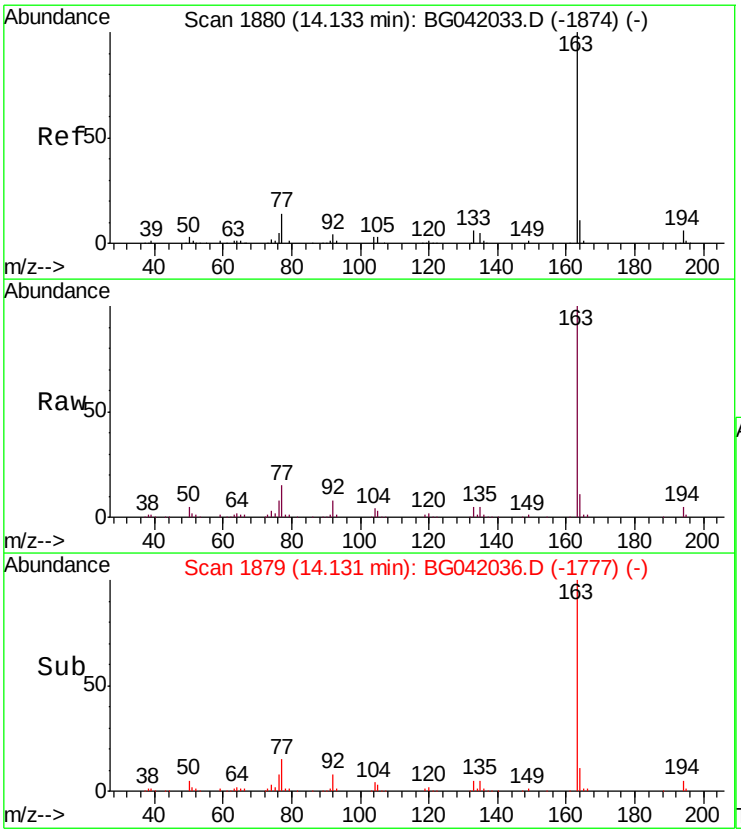
#6
Phenol
Concen: 2.324 ng/ul
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG042036.D
Acq: 7 Aug 2019 18:13

Instrument :
BNA_G
ClientSampleId :
BENW2

Tgt Ion: 94 Resp: 13675

Ion	Ratio	Lower	Upper
94	100		
65	32.5	25.8	38.6
66	38.9	31.8	47.8

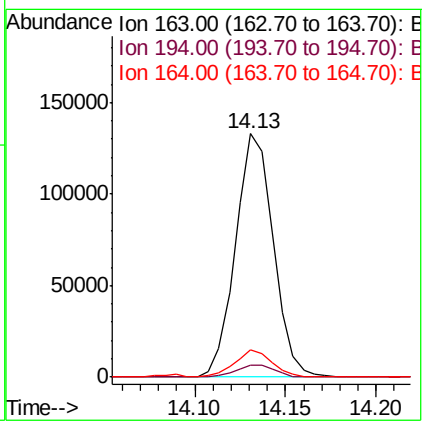


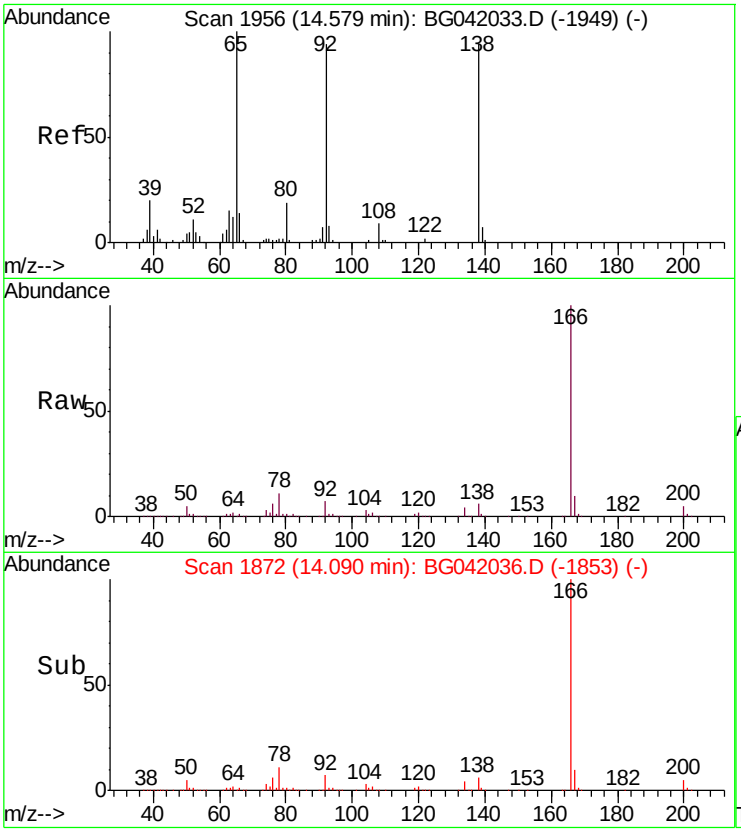


#44
Dimethylphthalate
Concen: 11.351 ng/ul
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG042036.D
Acq: 7 Aug 2019 18:13

Tgt Ion:163 Resp: 193829

Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	11.1	7.8	11.8



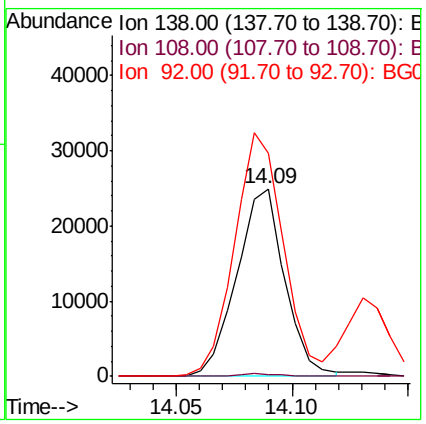


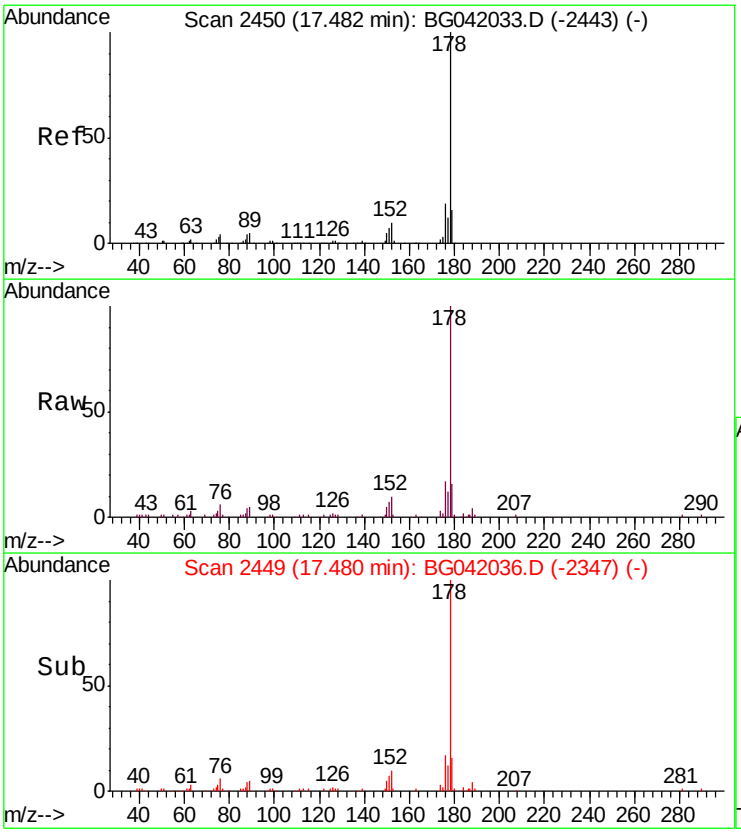
#48
3-Nitroaniline
Concen: 12.154 ng/ul
RT: 14.09 min Scan# 1872
Delta R.T. -0.49 min
Lab File: BG042036.D
Acq: 7 Aug 2019 18:13

Instrument :
BNA_G
ClientSampleId :
BENW2

Tgt Ion:138 Resp: 36002

Ion	Ratio	Lower	Upper
138	100		
108	1.0	7.6	11.4#
92	118.7	76.4	114.6#

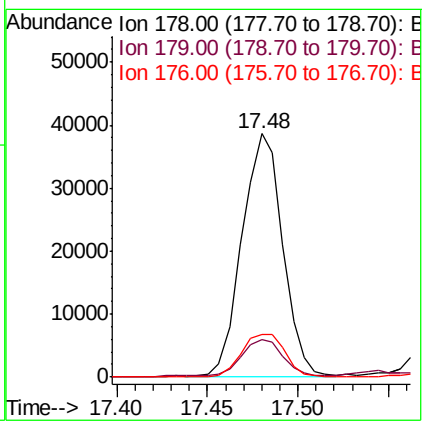


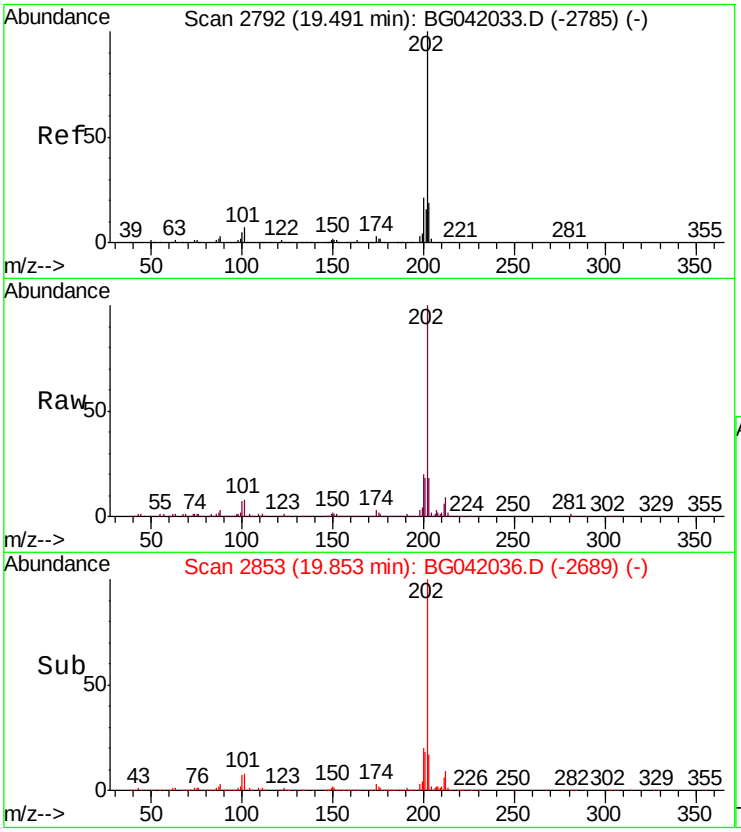


#69
Phenanthrene
Concen: 2.306 ng/ul
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG042036.D
Acq: 7 Aug 2019 18:13

Tgt Ion:178 Resp: 60370

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	17.3	15.4	23.2



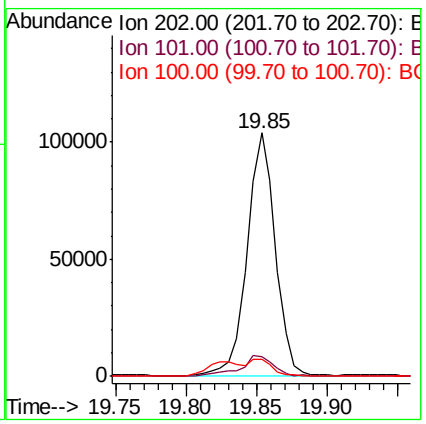


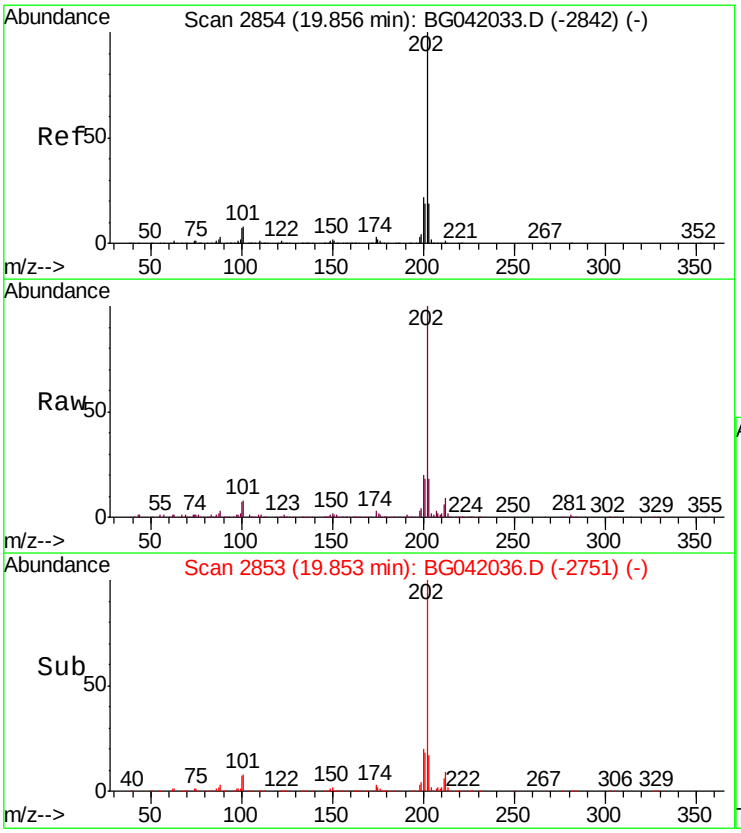
#76
Fluoranthene
Concen: 4.818 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. 0.36 min
Lab File: BG042036.D
Acq: 7 Aug 2019 18:13

Instrument :
BNA_G
ClientSampleId :
BENW2

Tgt Ion:202 Resp: 145753

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.7	10.1
100	6.7	5.3	7.9

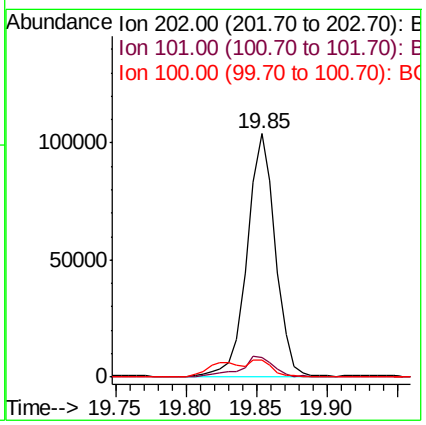


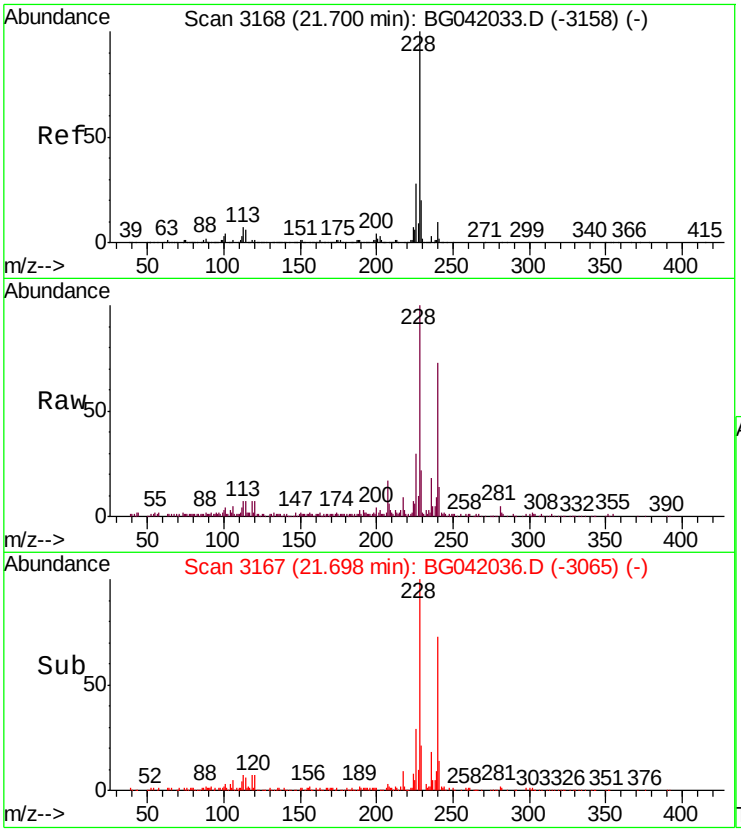


#79
Pyrene
Concen: 4.627 ng/ul
RT: 19.85 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG042036.D
Acq: 7 Aug 2019 18:13

Tgt Ion:202 Resp: 145753

Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.6	11.4
100	6.7	6.5	9.7



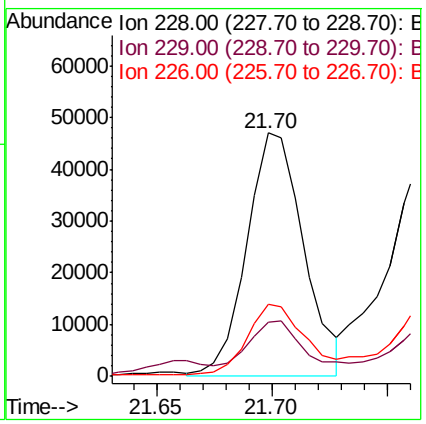


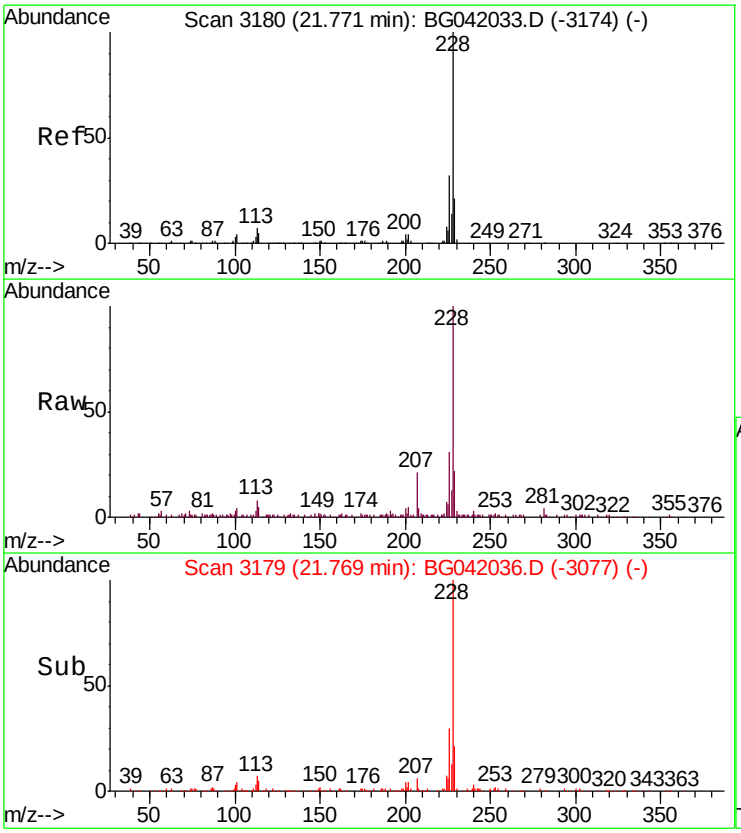
#82
Benzo(a)anthracene
Concen: 2.471 ng/ul
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG042036.D
Acq: 7 Aug 2019 18:13

Instrument :
BNA_G
ClientSampleId :
BENW2

Tgt Ion:228 Resp: 80236

Ion	Ratio	Lower	Upper
228	100		
229	22.5	17.0	25.6
226	29.6	23.3	34.9

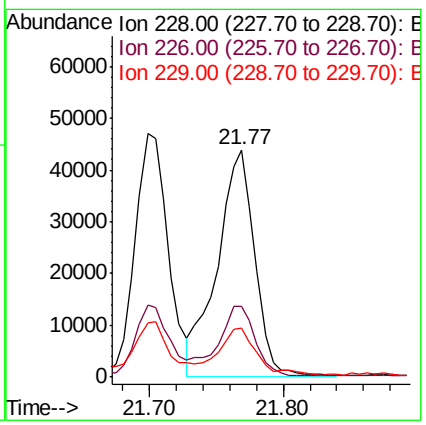


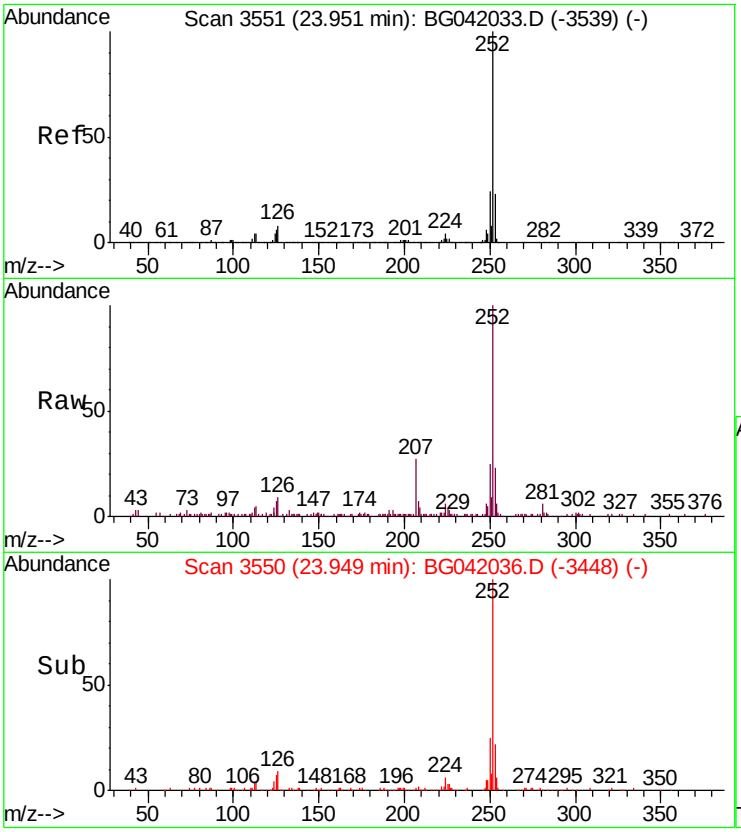


#84
Chrysene
Concen: 2.833 ng/ul
RT: 21.77 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BG042036.D
Acq: 7 Aug 2019 18:13

Tgt Ion:228 Resp: 85845

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.7	38.5
229	21.7	16.6	24.8



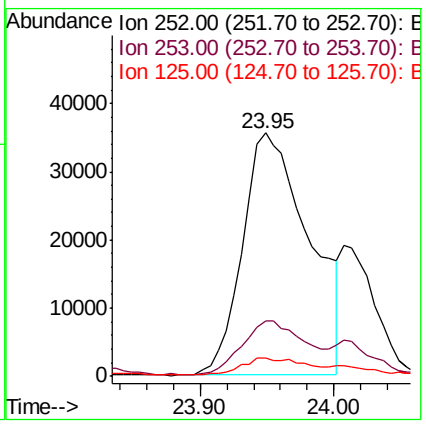


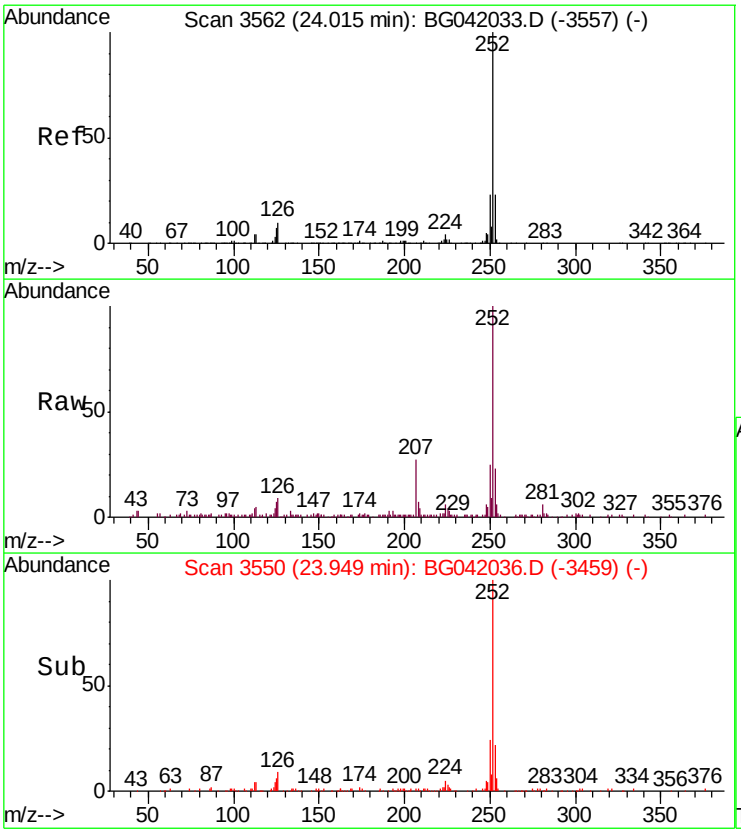
#87
Benzo(b)fluoranthene
Concen: 3.530 ng/ul
RT: 23.95 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BG042036.D
Acq: 7 Aug 2019 18:13

Instrument :
BNA_G
ClientSampleId :
BENW2

Tgt Ion:252 Resp: 122119

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.4	27.6
125	7.3	5.8	8.8

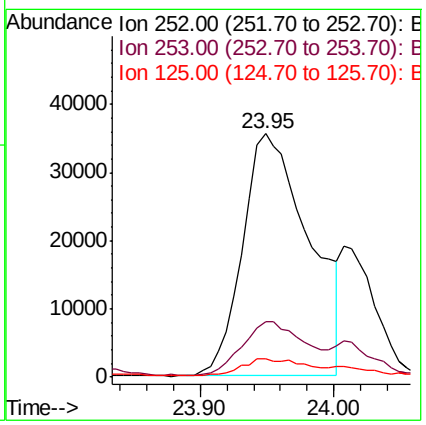


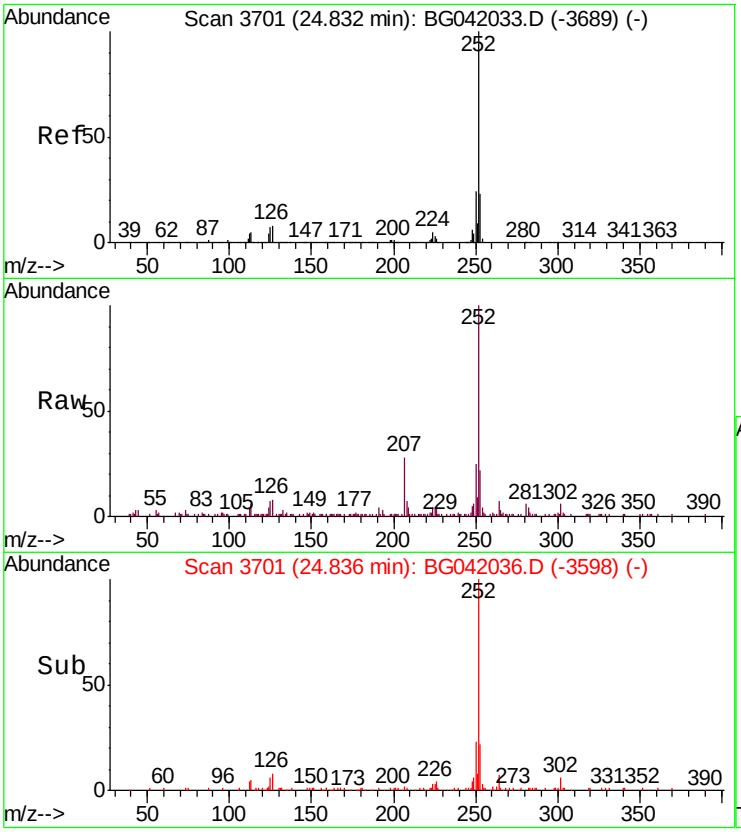


#88
Benzo(k)fluoranthene
Concen: 3.671 ng/ul
RT: 23.95 min Scan# 3550
Delta R.T. -0.07 min
Lab File: BG042036.D
Acq: 7 Aug 2019 18:13

Tgt Ion:252 Resp: 122119

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	7.3	5.5	8.3



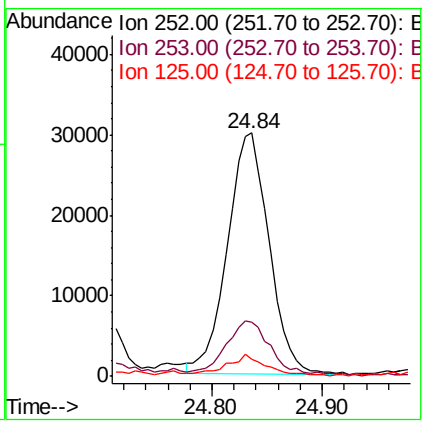


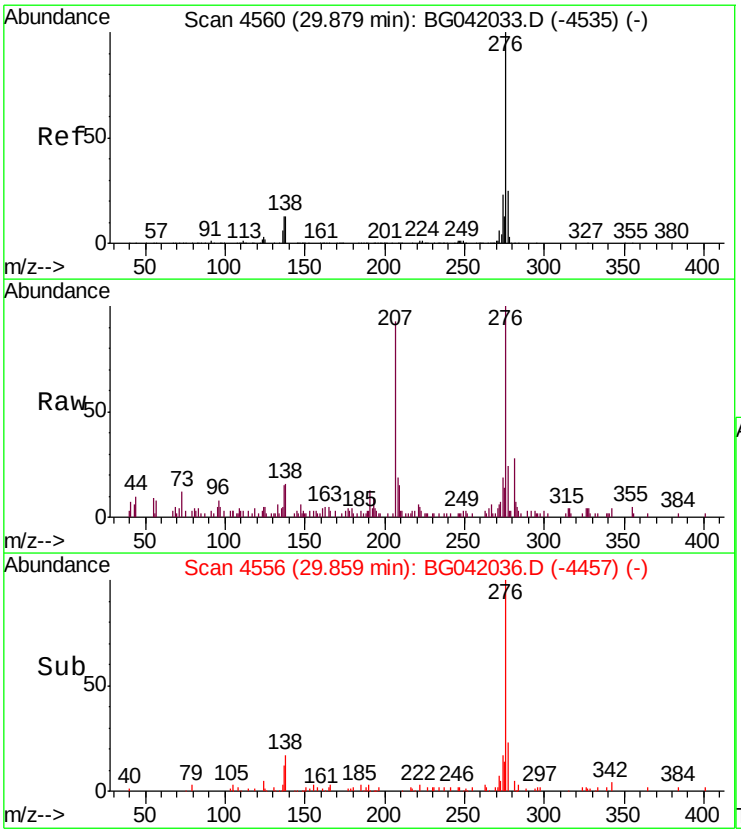
#90
Benzo(a)pyrene
Concen: 2.400 ng/ul
RT: 24.84 min Scan# 3701
Delta R.T. 0.00 min
Lab File: BG042036.D
Acq: 7 Aug 2019 18:13

Instrument :
BNA_G
ClientSampleId :
BENW2

Tgt Ion:252 Resp: 79125

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.3	27.5
125	7.1	6.5	9.7





#93
Benzo(g,h,i)perylene
Concen: 1.240 ng/ul
RT: 29.86 min Scan# 4556
Delta R.T. -0.02 min
Lab File: BG042036.D
Acq: 7 Aug 2019 18:13

Tgt Ion:276 Resp: 39798

Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.6	18.8
277	24.3	19.2	28.8