Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111717\
Data File : BG031111.D
Acq On : 18 Nov 2017 9:35
Operator : SJ/JU
Sample : I6431-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0FN5

Quant Time: Nov 20 00:56:22 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 01:20:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	48642	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	223682	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	167576	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	424804	20.00	ng/ul	0.00
18) Chrysene-d12	21.78	240	454528	20.00	ng/ul	0.00
23) Perylene-d12	25.09	264	449568	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	105961	25.11	ng/uL	0.00
7) Acenaphthylene-d8	14.46	160	476131	27.32	ng/ul	0.00
10) Fluorene-d10	15.74	176	369263	26.38	ng/ul	0.00
15) Anthracene-d10	17.60	188	576074	27.09	ng/ul	0.00
19) Pyrene-d10	19.88	212	669487	32.24	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.86	264	651081	29.27	ng/ul	0.01
Target Compounds						Qvalue
8) Acenaphthylene	14.49	152	19972	1.31	ng/ul#	97
14) Phenanthrene	17.54	178	257713	11.30	ng/ul	98
17) Fluoranthene	19.55	202	424994	13.40	ng/ul#	87
20) Pyrene	19.91	202	551032	22.84	ng/ul#	84
21) Benzo(a)anthracene	21.76	228	259209	9.36	ng/ul	97
22) Chrysene	21.83	228	325935	12.37	ng/ul	99
24) Benzo(b)fluoranthene	24.03	252	306981	11.30	ng/ul#	96
25) Benzo(k)fluoranthene	24.03	252	306981	11.47	ng/ul#	97
27) Benzo(a)pyrene	24.78	252	165654	6.36	ng/ul	95
28) Indeno(1,2,3-cd)pyrene	28.87	276	79146	2.67	ng/ul#	92
30) Benzo(g,h,i)perylene	30.07	276	125091	5.06	ng/ul#	89

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

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Misc :
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Quant Title : SVOA CALIBRATION
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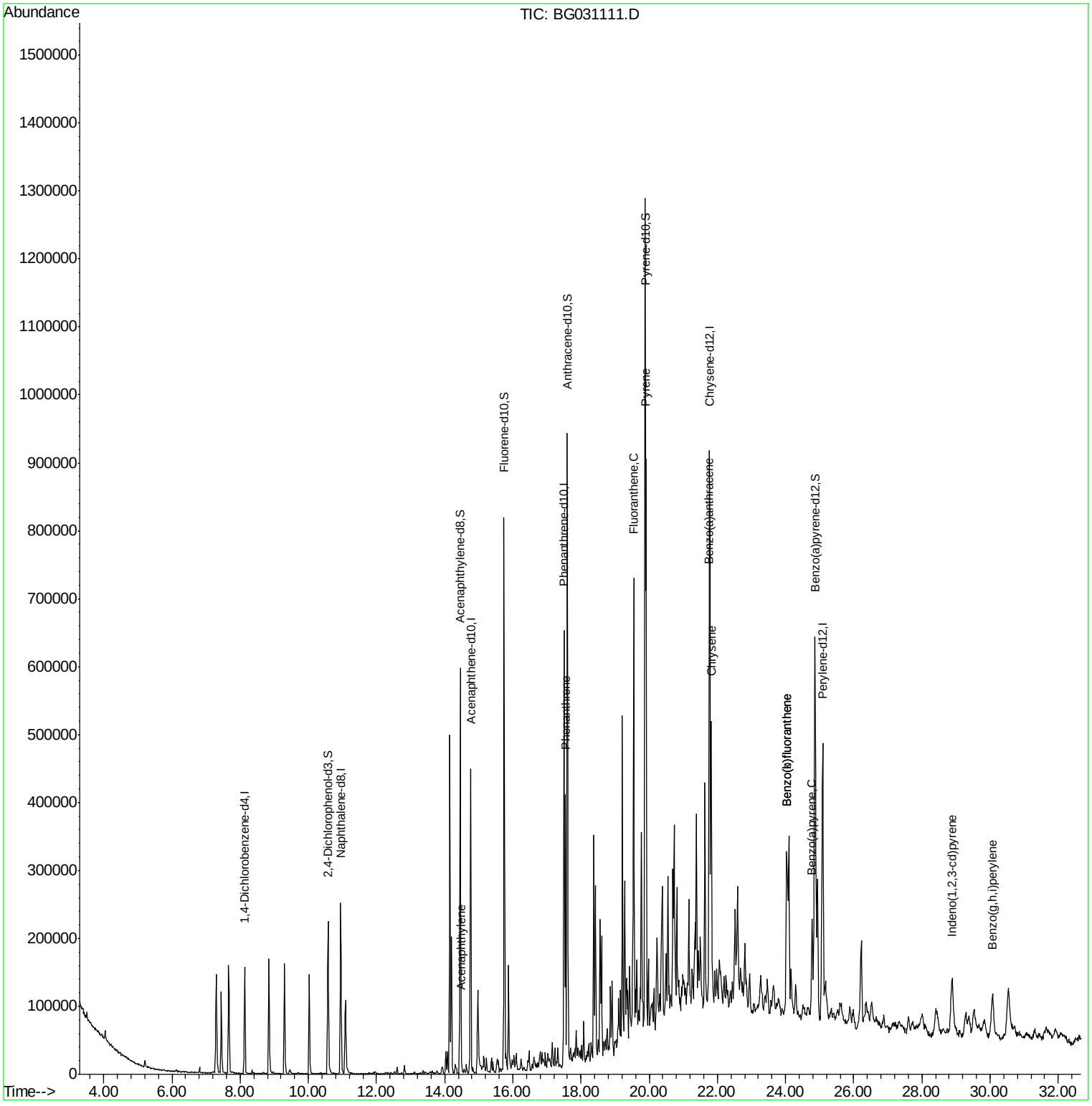
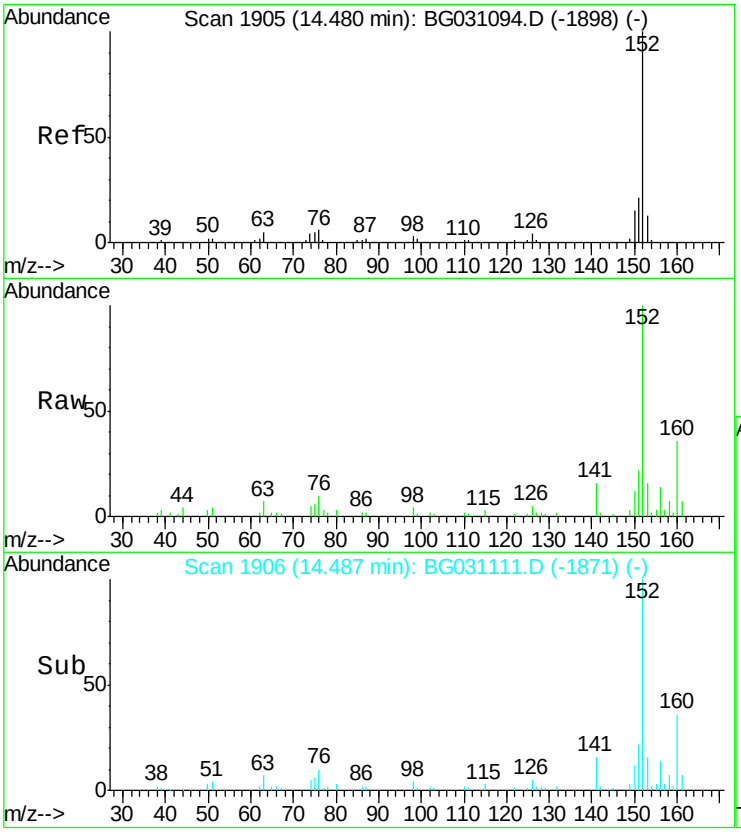


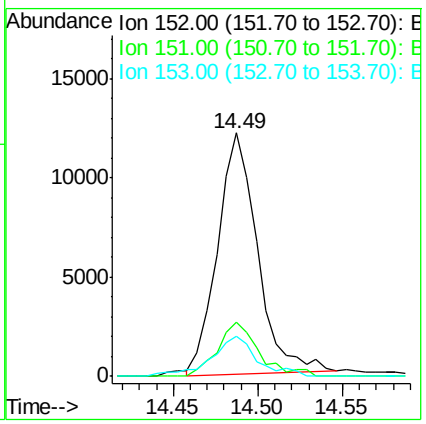


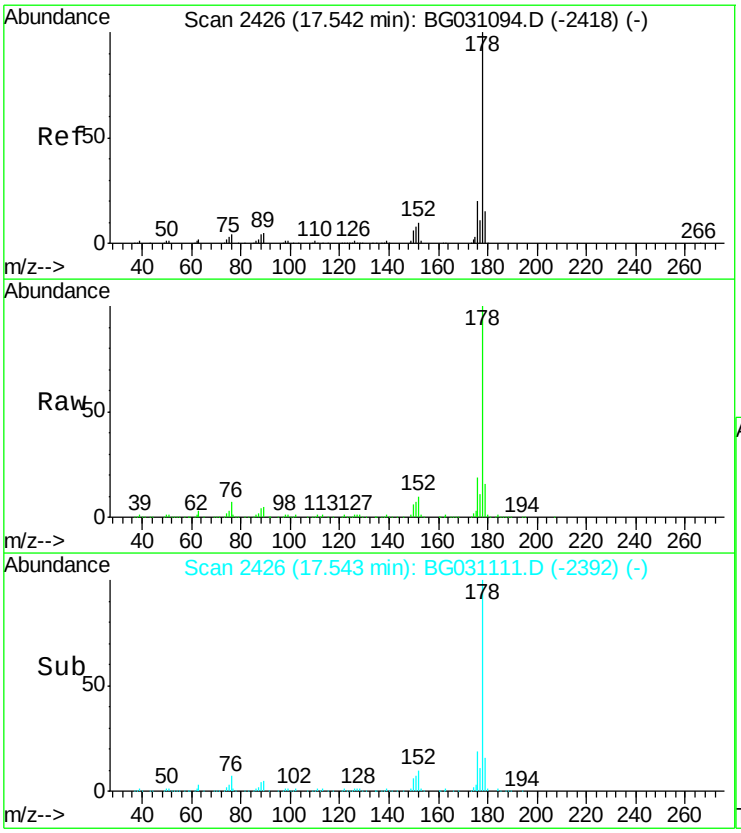
#8
Acenaphthylene
Concen: 1.31 ng/ul
RT: 14.49 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BG031111.D
Acq: 18 Nov 2017 9:35

Instrument :
BNA_G
ClientSampleId :
B0FN5

Tgt Ion:152 Resp: 19972

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.5	26.3
153	16.5	10.6	16.0#

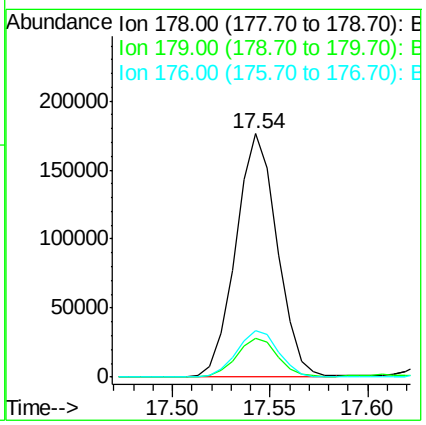


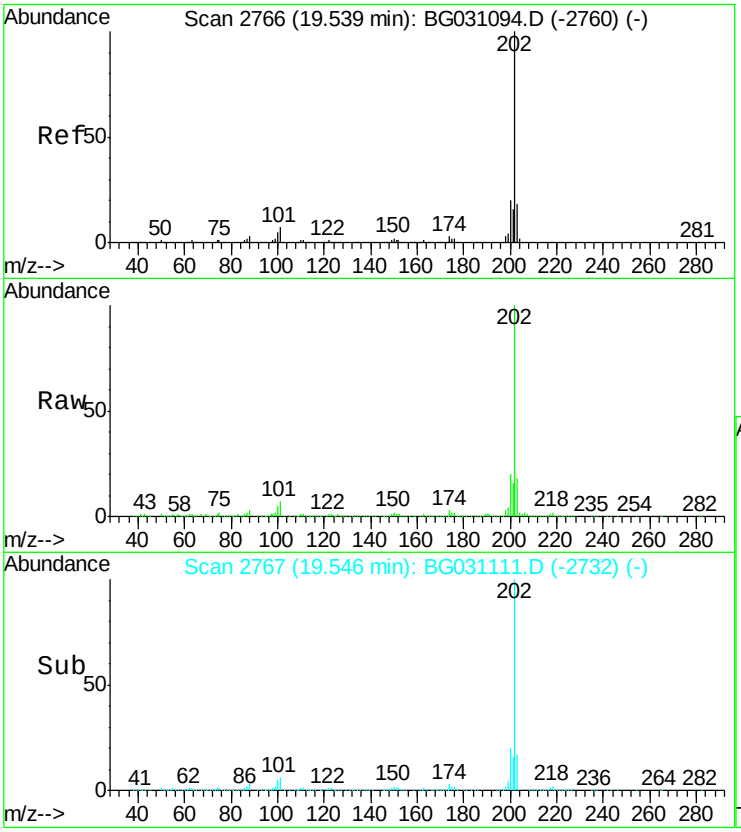


#14
Phenanthrene
Concen: 11.30 ng/ul
RT: 17.54 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG031111.D
Acq: 18 Nov 2017 9:35

Tgt Ion:178 Resp: 257713

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	19.3	16.4	24.6



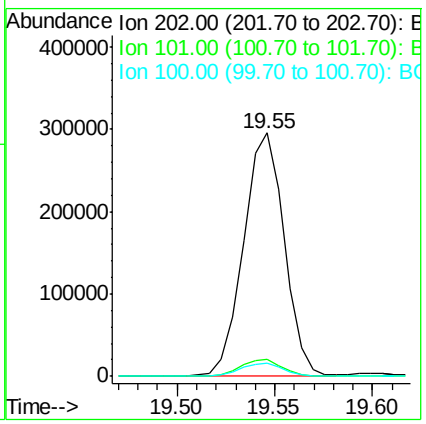


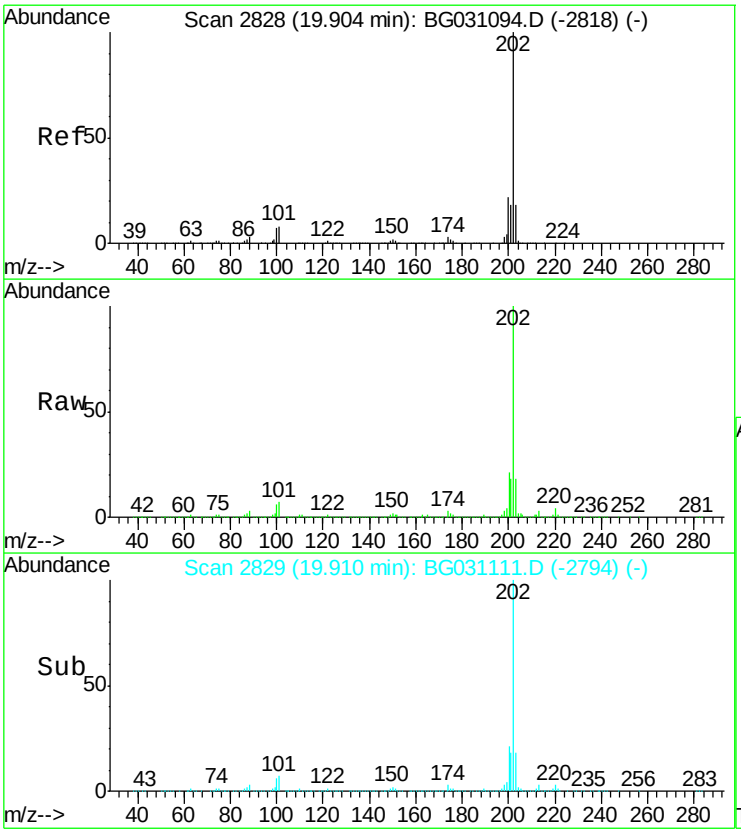
#17
Fluoranthene
Concen: 13.40 ng/ul
RT: 19.55 min Scan# 2767
Delta R.T. 0.01 min
Lab File: BG031111.D
Acq: 18 Nov 2017 9:35

Instrument :
BNA_G
ClientSampleId :
B0FN5

Tgt Ion:202 Resp: 424994

Ion	Ratio	Lower	Upper
202	100		
101	7.0	9.8	14.8#
100	5.4	7.5	11.3#

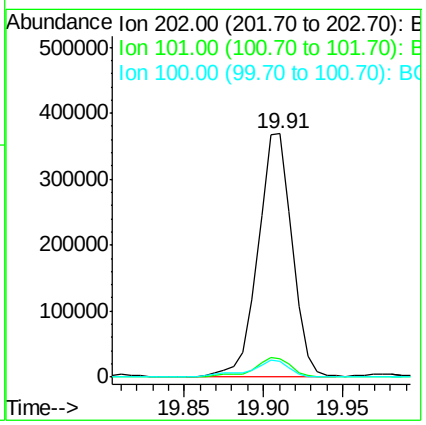


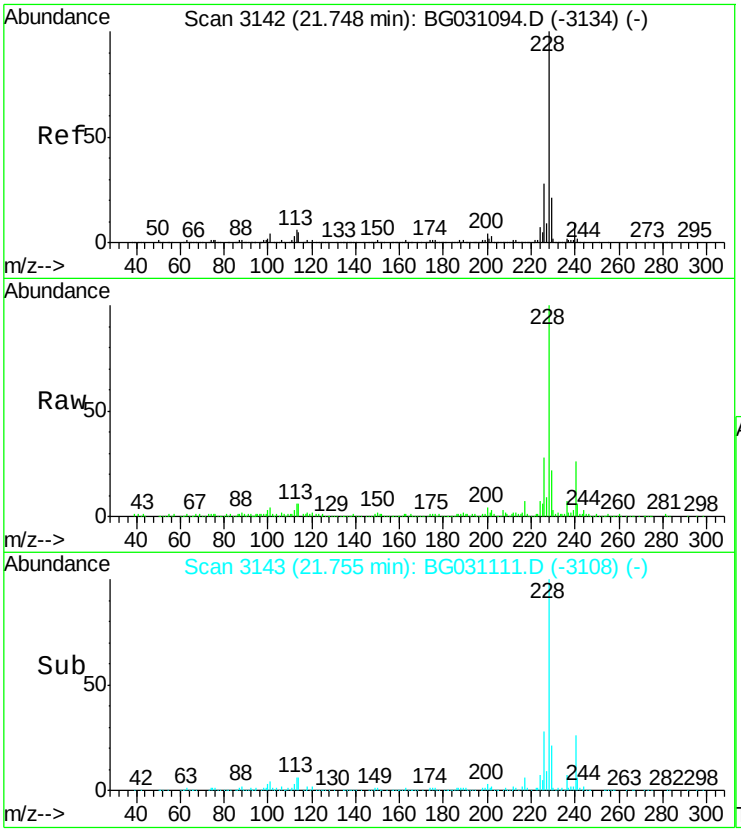


#20
Pyrene
Concen: 22.84 ng/ul
RT: 19.91 min Scan# 2829
Delta R.T. 0.01 min
Lab File: BG031111.D
Acq: 18 Nov 2017 9:35

Tgt Ion:202 Resp: 551032

Ion	Ratio	Lower	Upper
202	100		
101	7.4	11.2	16.8#
100	6.2	9.8	14.6#



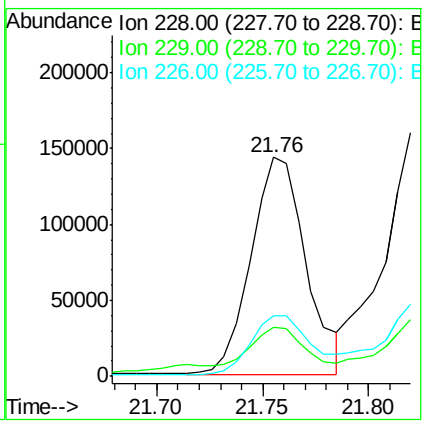


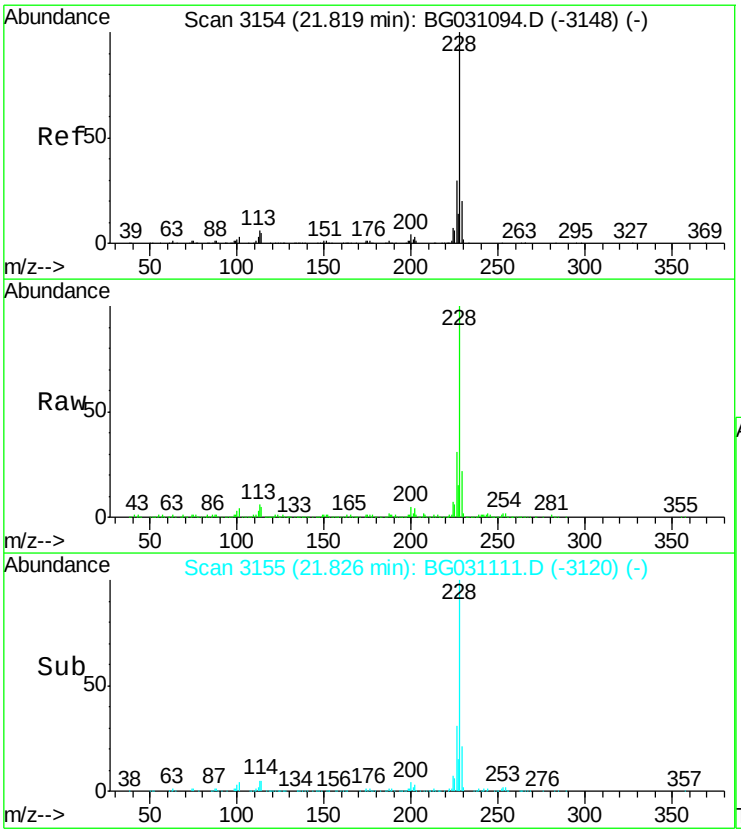
#21
Benzo(a)anthracene
Concen: 9.36 ng/ul
RT: 21.76 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BG031111.D
Acq: 18 Nov 2017 9:35

Instrument :
BNA_G
ClientSampleId :
B0FN5

Tgt Ion:228 Resp: 259209

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.9	23.9
226	27.9	22.1	33.1

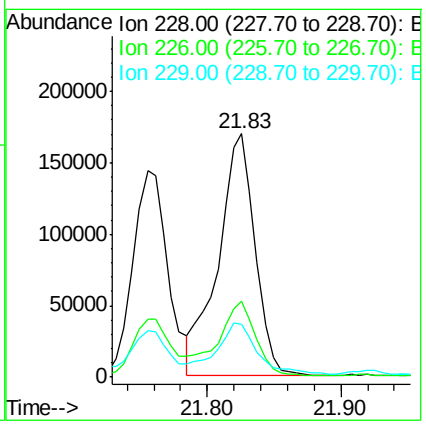


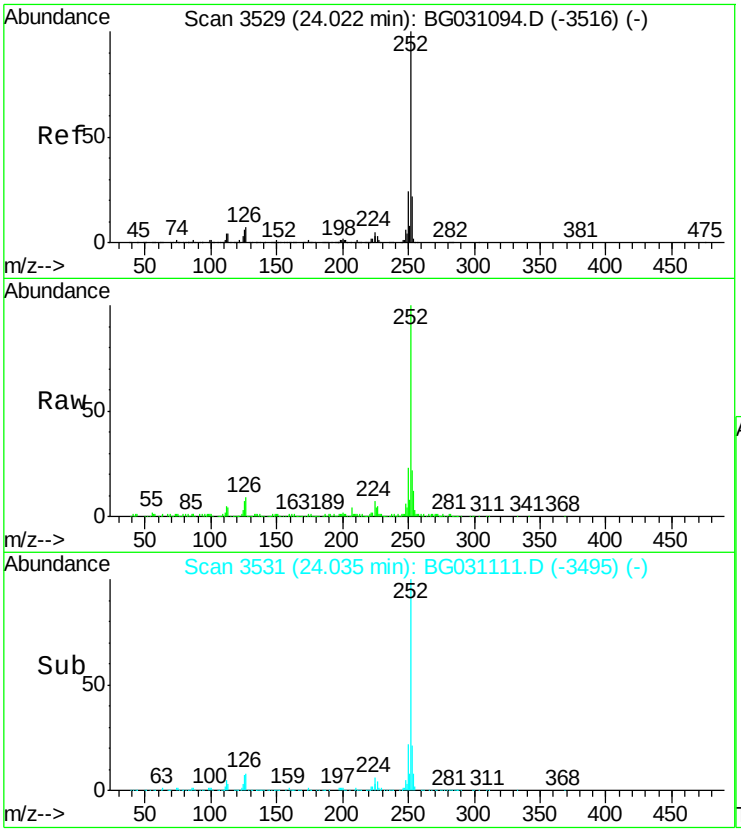


#22
Chrysene
Concen: 12.37 ng/ul
RT: 21.83 min Scan# 3155
Delta R.T. 0.01 min
Lab File: BG031111.D
Acq: 18 Nov 2017 9:35

Tgt Ion:228 Resp: 325935

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	21.9	16.6	25.0



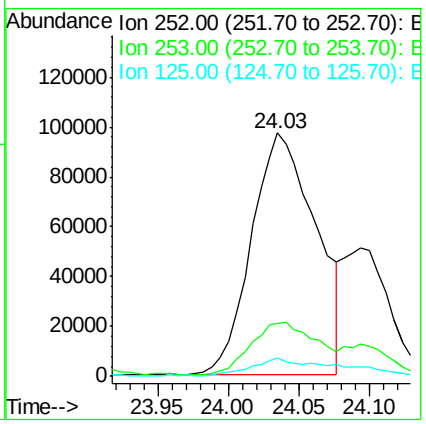


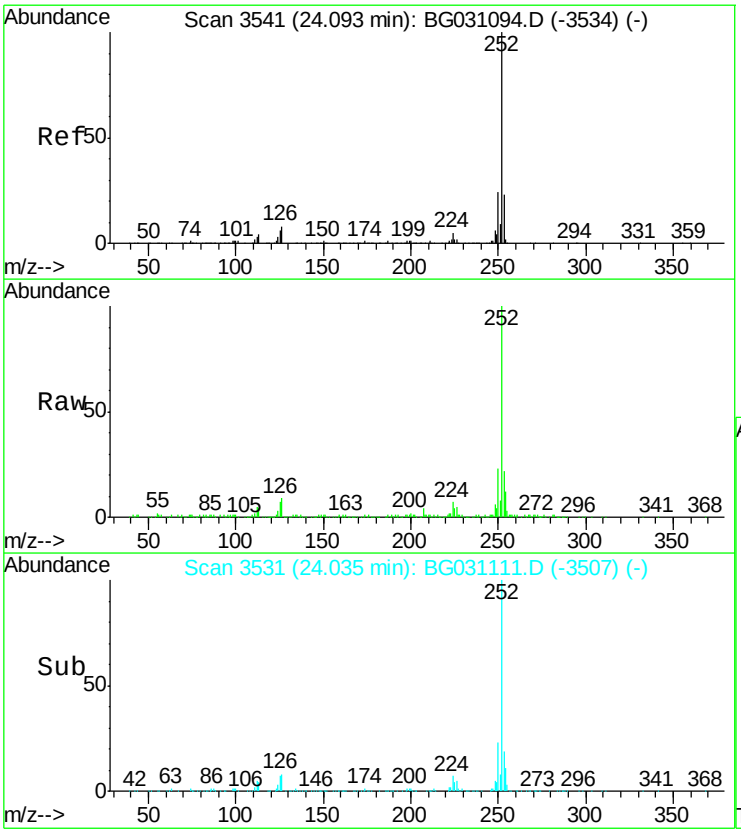
#24
Benzo(b)fluoranthene
Concen: 11.30 ng/ul
RT: 24.03 min Scan# 3531
Delta R.T. 0.01 min
Lab File: BG031111.D
Acq: 18 Nov 2017 9:35

Instrument :
BNA_G
ClientSampleId :
B0FN5

Tgt Ion:252 Resp: 306981

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	7.3	9.4	14.0#

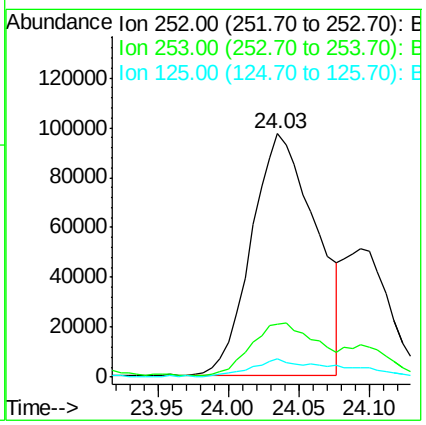


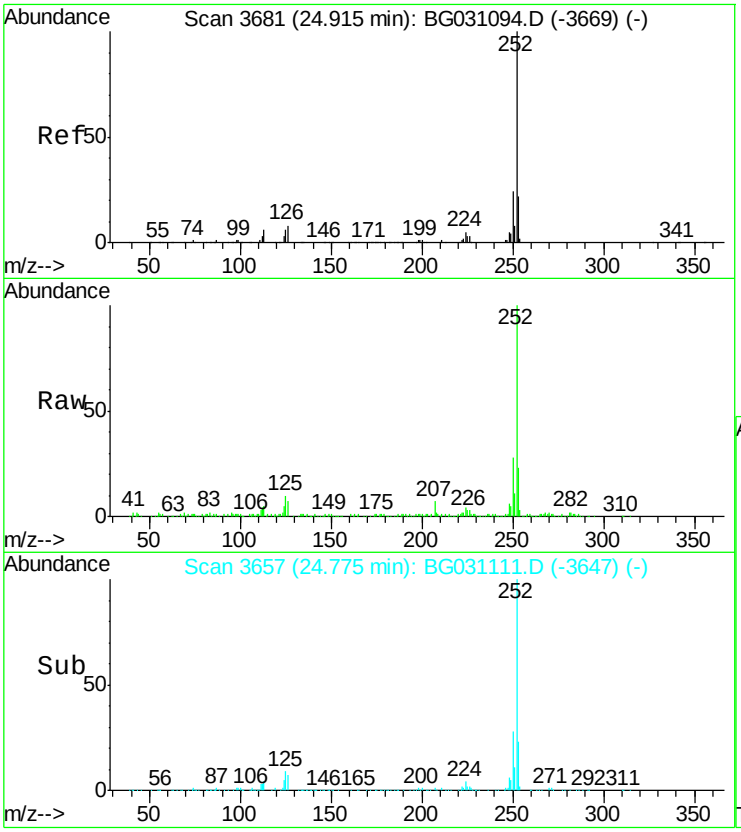


#25
Benzo(k)fluoranthene
Concen: 11.47 ng/ul
RT: 24.03 min Scan# 3531
Delta R.T. -0.06 min
Lab File: BG031111.D
Acq: 18 Nov 2017 9:35

Tgt Ion:252 Resp: 306981

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	7.3	8.8	13.2#



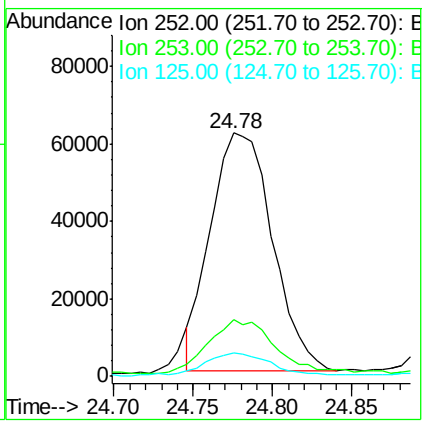


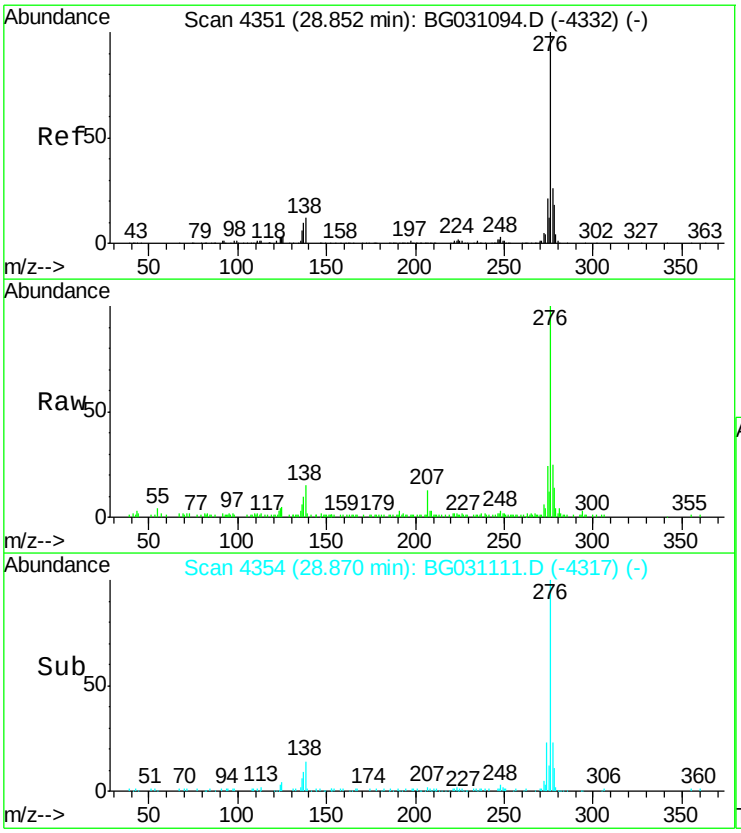
#27
Benzo(a)pyrene
Concen: 6.36 ng/ul
RT: 24.78 min Scan# 3657
Delta R.T. -0.14 min
Lab File: BG031111.D
Acq: 18 Nov 2017 9:35

Instrument :
BNA_G
ClientSampleId :
B0FN5

Tgt Ion:252 Resp: 165654

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	9.5	9.4	14.2

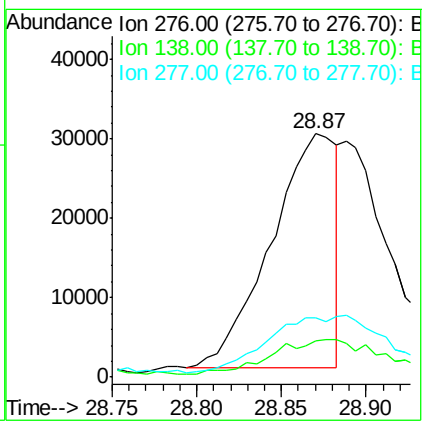


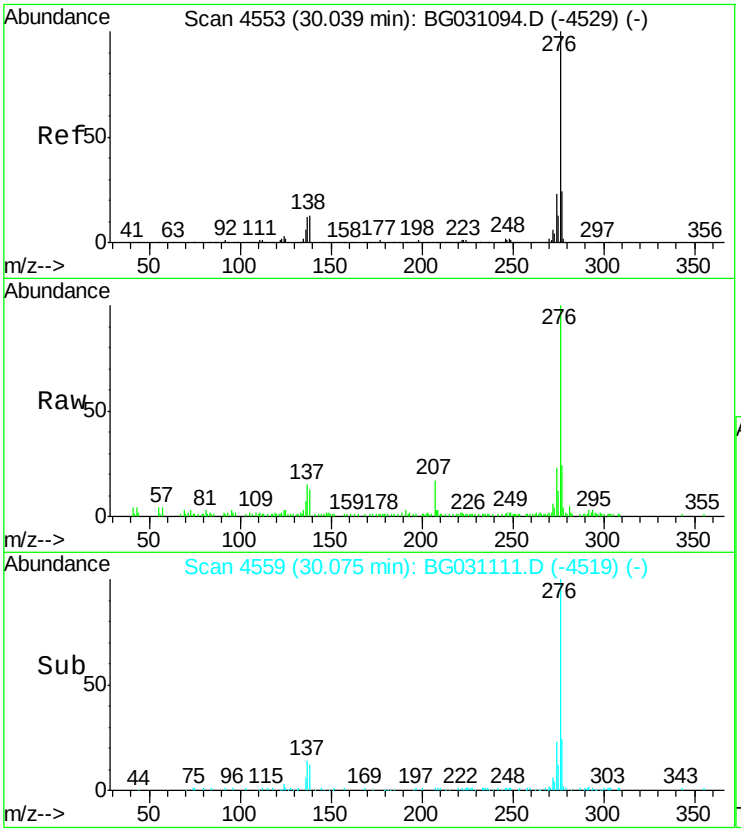


#28
Indeno(1,2,3-cd)pyrene
Concen: 2.67 ng/ul
RT: 28.87 min Scan# 4354
Delta R.T. 0.02 min
Lab File: BG031111.D
Acq: 18 Nov 2017 9:35

Tgt Ion:276 Resp: 79146

Ion	Ratio	Lower	Upper
276	100		
138	15.0	17.8	26.6#
277	24.6	19.4	29.0





#30
Benzo(g,h,i)perylene
Concen: 5.06 ng/ul
RT: 30.07 min Scan# 4559
Delta R.T. 0.04 min
Lab File: BG031111.D
Acq: 18 Nov 2017 9:35

Instrument :
BNA_G
ClientSampleId :
B0FN5

Tgt Ion:276 Resp: 125091

Ion	Ratio	Lower	Upper
276	100		
138	12.9	19.0	28.4#
277	24.2	19.7	29.5