Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111717\
Data File : BG031113.D
Acq On : 18 Nov 2017 10:50
Operator : SJ/JU
Sample : I6431-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0FR2

Quant Time: Nov 20 00:56:40 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	45969	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	222095	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	160138	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	402547	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	413042	20.00	ng/ul	0.00
23) Perylene-d12	25.08	264	417643	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	133440	31.84	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	582882	35.00	ng/ul	0.00
10) Fluorene-d10	15.74	176	438006	32.74	ng/ul	0.00
15) Anthracene-d10	17.60	188	675594	33.53	ng/ul	0.00
19) Pyrene-d10	19.87	212	774008	41.02	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.85	264	735996	35.62	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.54	178	171342	7.93	ng/ul	98
17) Fluoranthene	19.54	202	708144	23.56	ng/ul#	88
20) Pyrene	19.90	202	568059	25.91	ng/ul#	86
21) Benzo(a)anthracene	21.75	228	363823	14.46	ng/ul	99
22) Chrysene	21.82	228	462893	19.34	ng/ul	99
24) Benzo(b)fluoranthene	24.03	252	624346	24.74	ng/ul#	94
25) Benzo(k)fluoranthene	24.03	252	624346	25.12	ng/ul#	95
27) Benzo(a)pyrene	24.92	252	381284	15.76	ng/ul#	93
28) Indeno(1,2,3-cd)pyrene	28.85	276	282225	10.24	ng/ul#	90
29) Dibenzo(a,h)anthracene	28.89	278	73218	3.21	ng/ul#	91
30) Benzo(g,h,i)perylene	30.05	276	218919	9.54	ng/ul#	88

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

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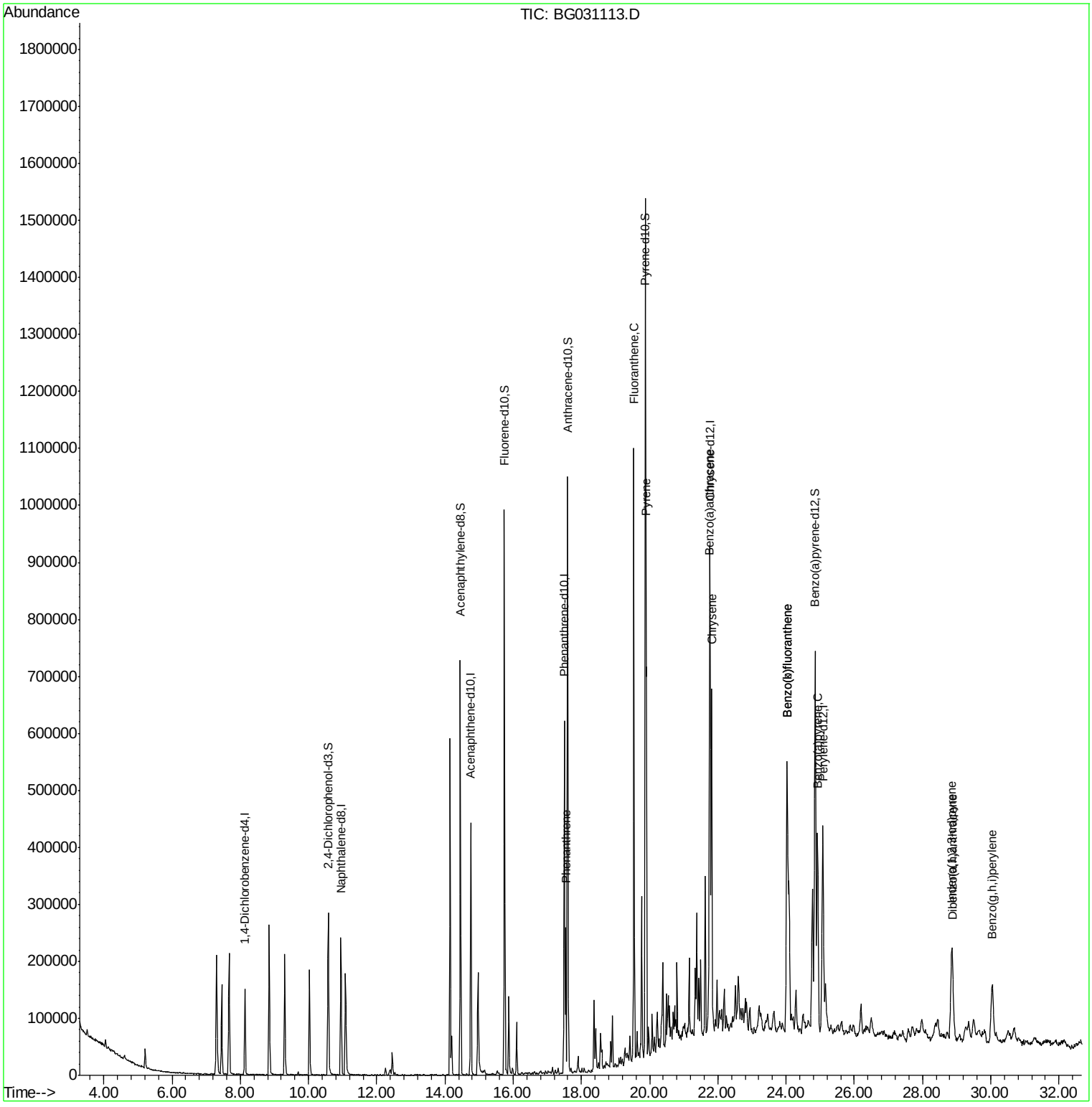
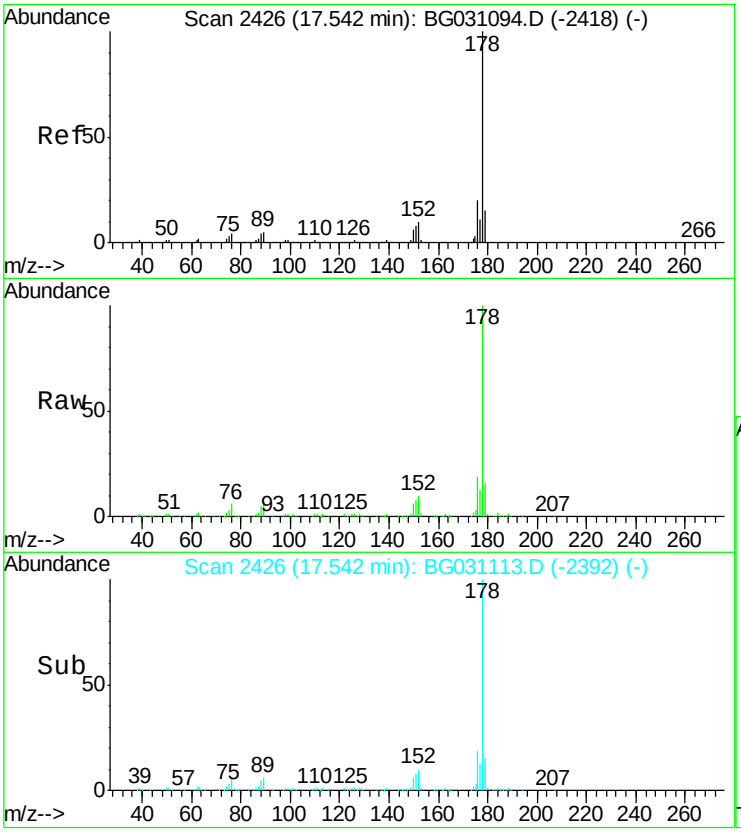
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 01:20:34 2017
Response via : Initial Calibration



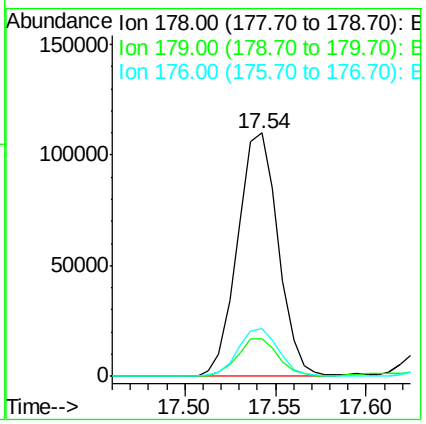


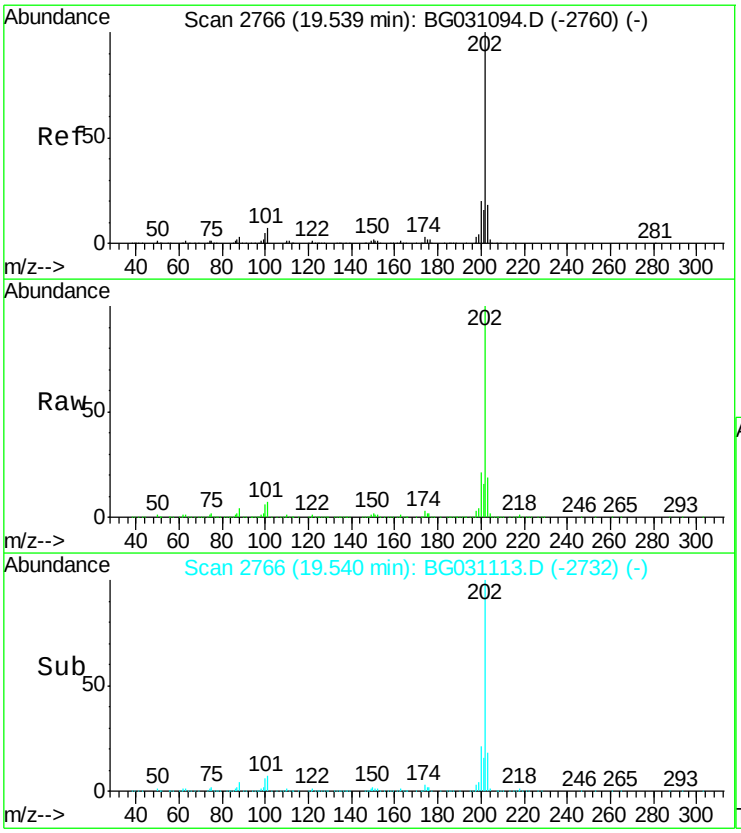
#14
Phenanthrene
Concen: 7.93 ng/ul
RT: 17.54 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG031113.D
Acq: 18 Nov 2017 10:50

Instrument :
BNA_G
ClientSampleId :
B0FR2

Tgt Ion:178 Resp: 171342

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	19.4	16.4	24.6

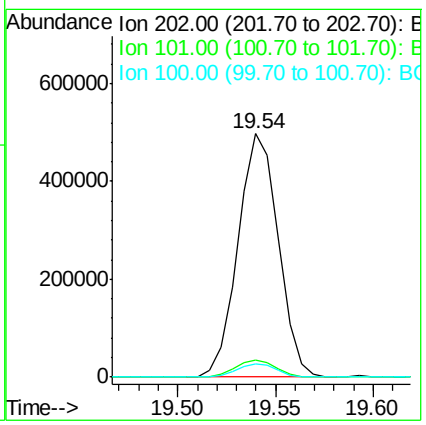


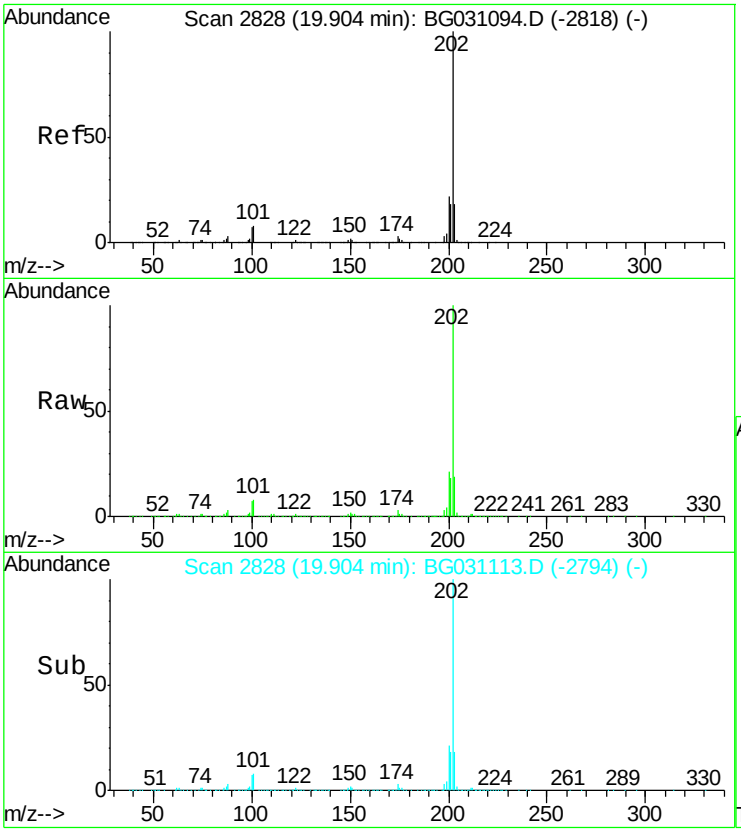


#17
Fluoranthene
Concen: 23.56 ng/ul
RT: 19.54 min Scan# 2766
Delta R.T. 0.00 min
Lab File: BG031113.D
Acq: 18 Nov 2017 10:50

Tgt Ion:202 Resp: 708144

Ion	Ratio	Lower	Upper
202	100		
101	7.0	9.8	14.8#
100	5.7	7.5	11.3#



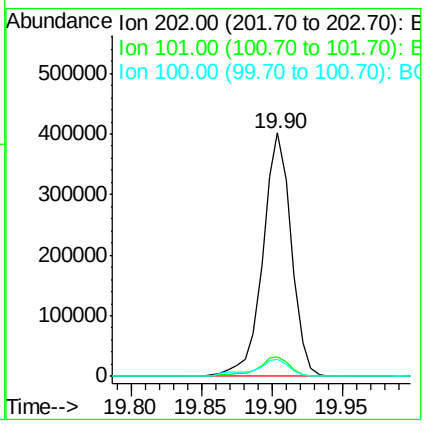


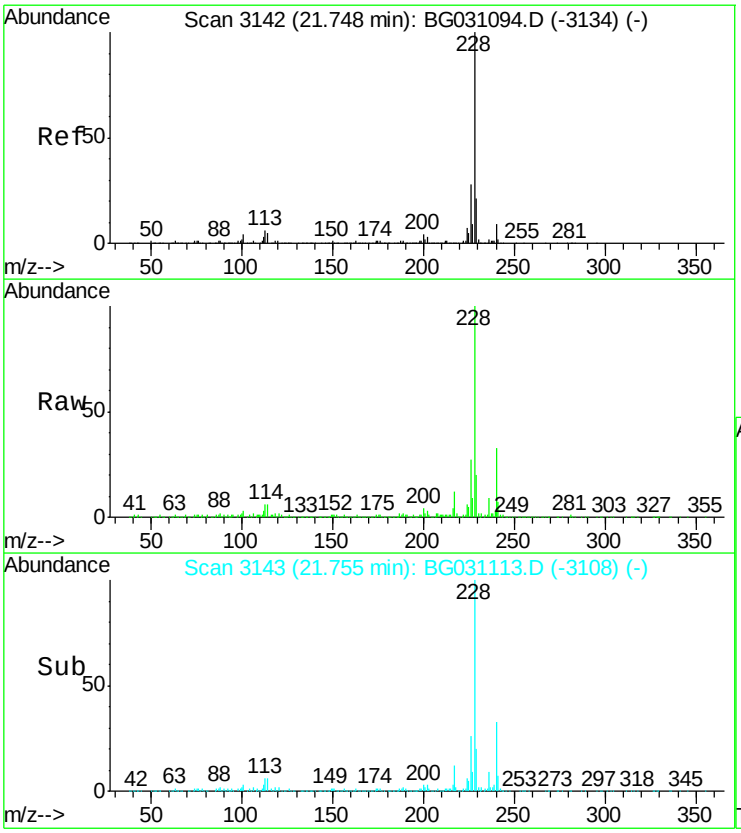
#20
Pyrene
Concen: 25.91 ng/ul
RT: 19.90 min Scan# 2828
Delta R.T. 0.00 min
Lab File: BG031113.D
Acq: 18 Nov 2017 10:50

Instrument :
BNA_G
ClientSampleId :
B0FR2

Tgt Ion:202 Resp: 568059

Ion	Ratio	Lower	Upper
202	100		
101	8.0	11.2	16.8#
100	6.8	9.8	14.6#

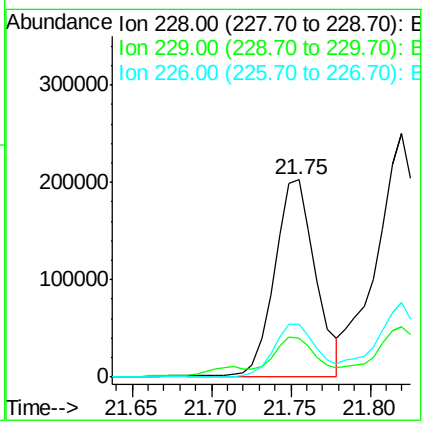


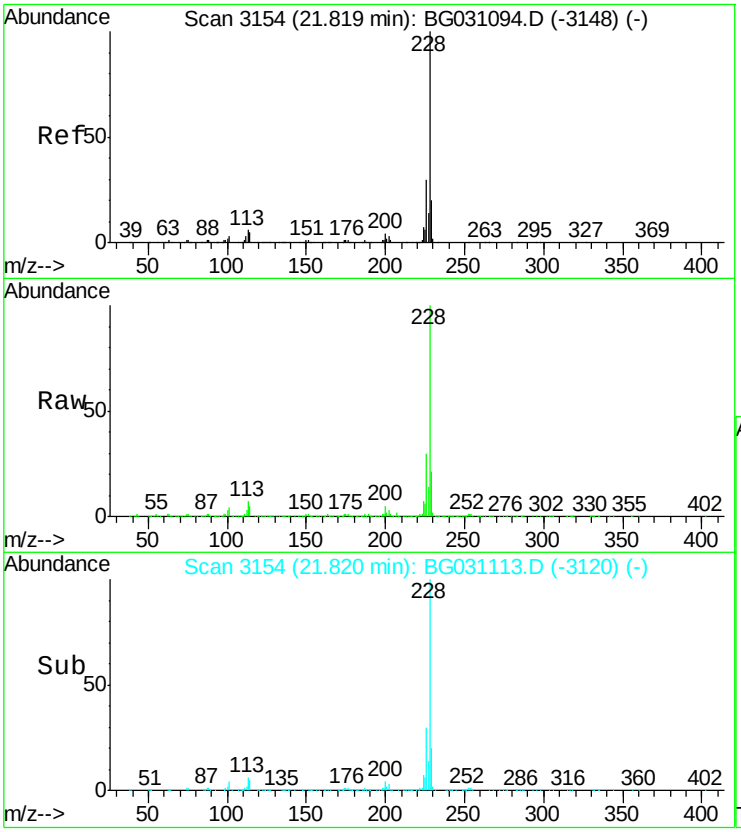


#21
Benzo(a)anthracene
Concen: 14.46 ng/ul
RT: 21.75 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BG031113.D
Acq: 18 Nov 2017 10:50

Tgt Ion:228 Resp: 363823

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	26.5	22.1	33.1



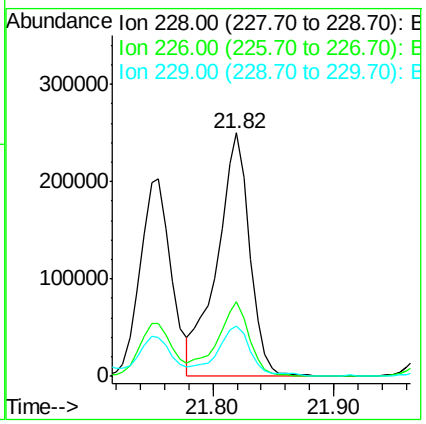


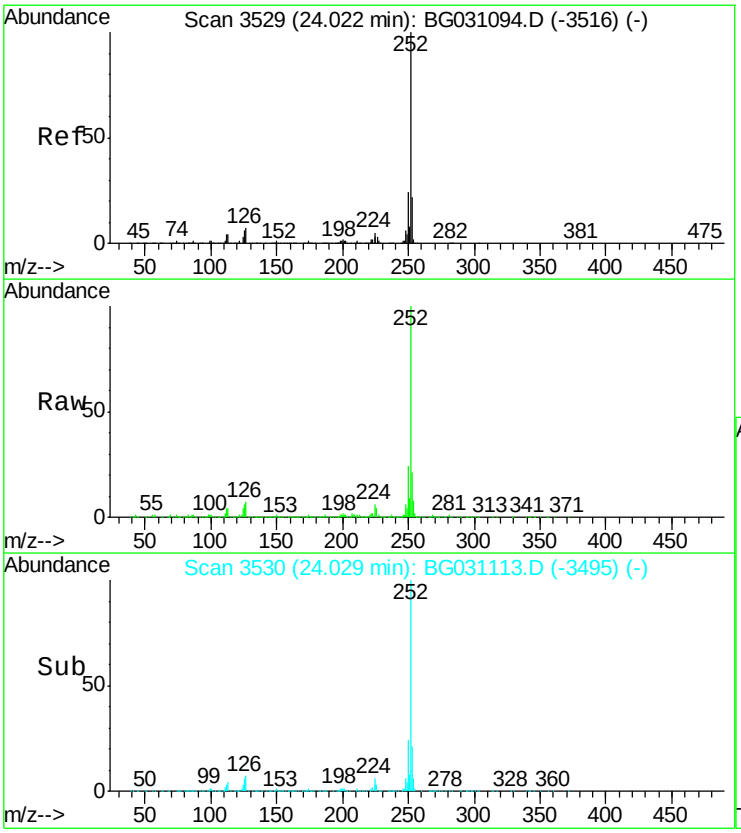
#22
Chrysene
Concen: 19.34 ng/ul
RT: 21.82 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG031113.D
Acq: 18 Nov 2017 10:50

Instrument :
BNA_G
ClientSampleId :
B0FR2

Tgt Ion:228 Resp: 462893

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.7	16.6	25.0

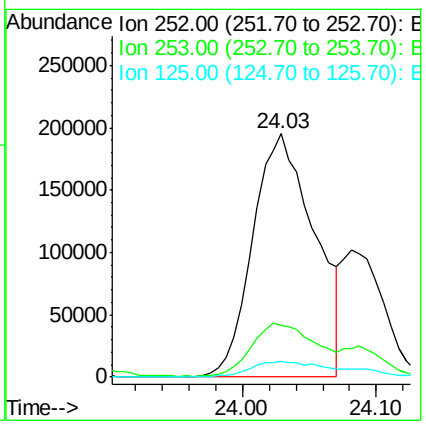


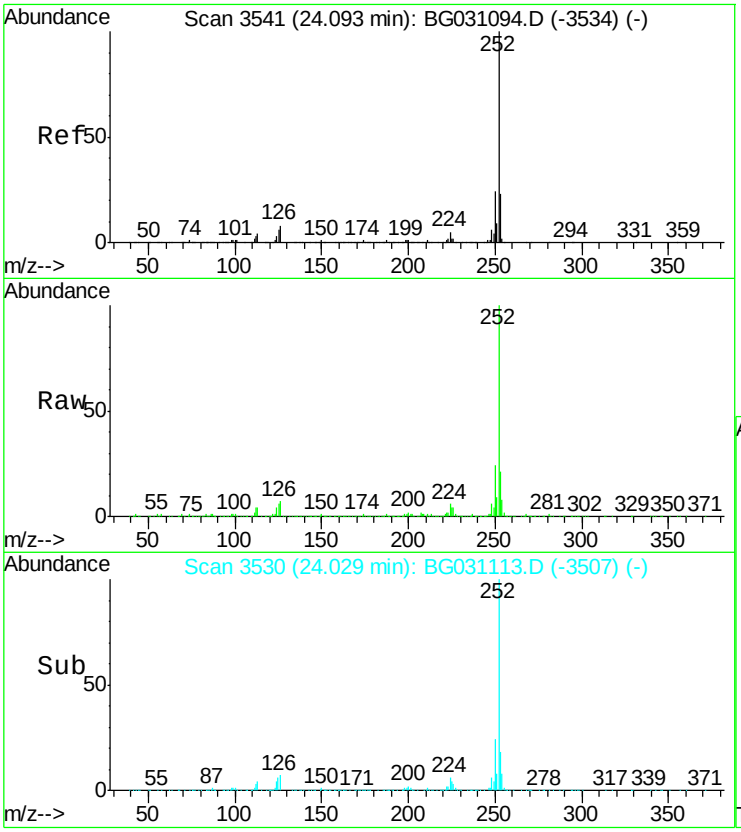


#24
Benzo(b)fluoranthene
Concen: 24.74 ng/ul
RT: 24.03 min Scan# 3530
Delta R.T. 0.01 min
Lab File: BG031113.D
Acq: 18 Nov 2017 10:50

Tgt Ion:252 Resp: 624346

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	6.4	9.4	14.0#



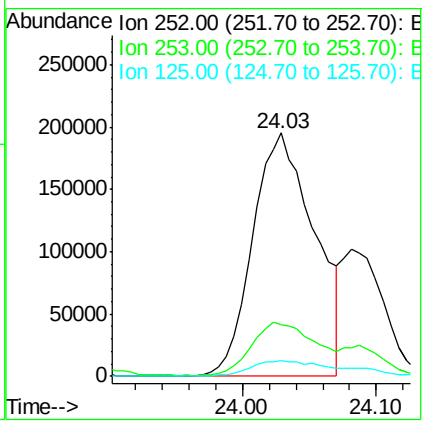


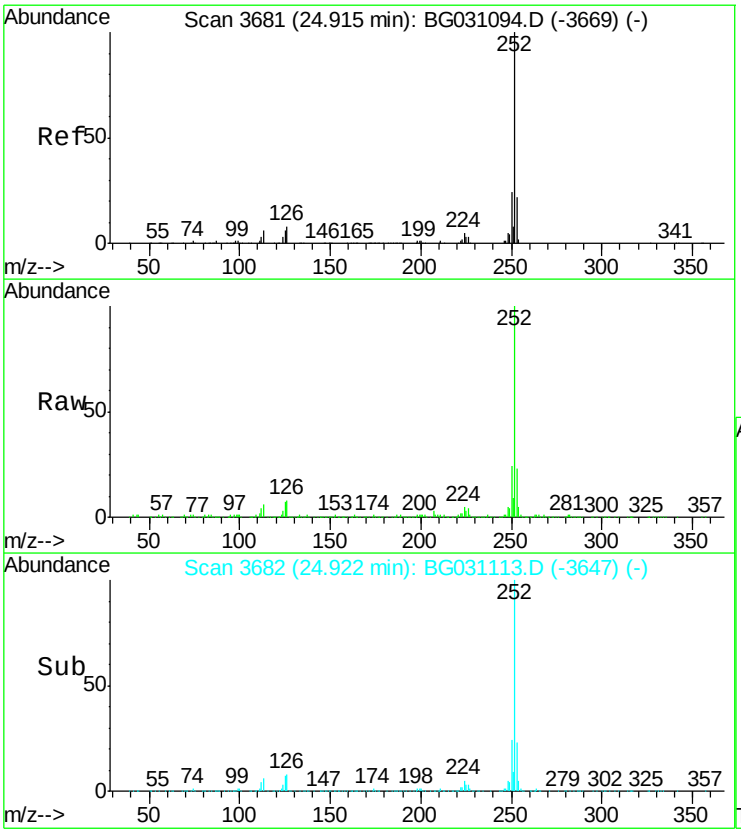
#25
Benzo(k)fluoranthene
Concen: 25.12 ng/ul
RT: 24.03 min Scan# 3530
Delta R.T. -0.06 min
Lab File: BG031113.D
Acq: 18 Nov 2017 10:50

Instrument :
BNA_G
ClientSampleId :
B0FR2

Tgt Ion:252 Resp: 624346

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	6.4	8.8	13.2#

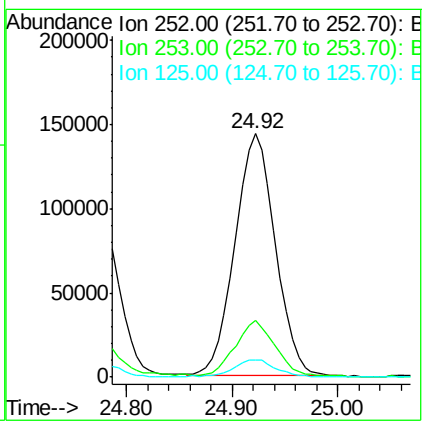


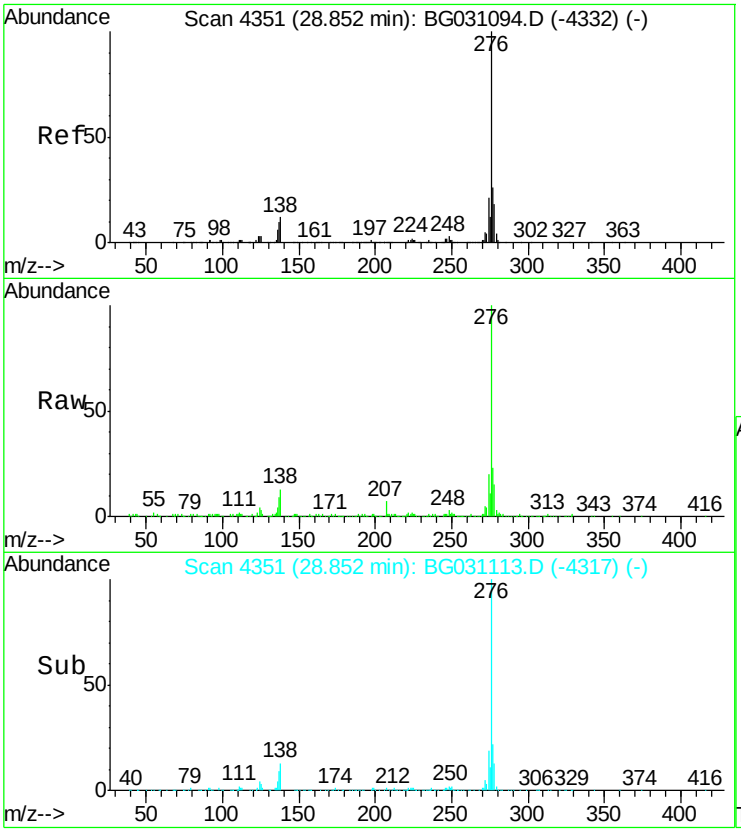


#27
Benzo(a)pyrene
Concen: 15.76 ng/ul
RT: 24.92 min Scan# 3682
Delta R.T. 0.01 min
Lab File: BG031113.D
Acq: 18 Nov 2017 10:50

Tgt Ion:252 Resp: 381284

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	7.0	9.4	14.2#



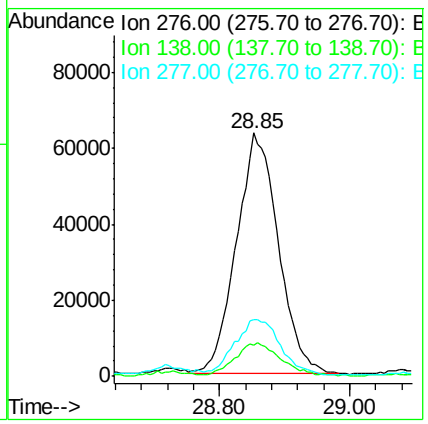


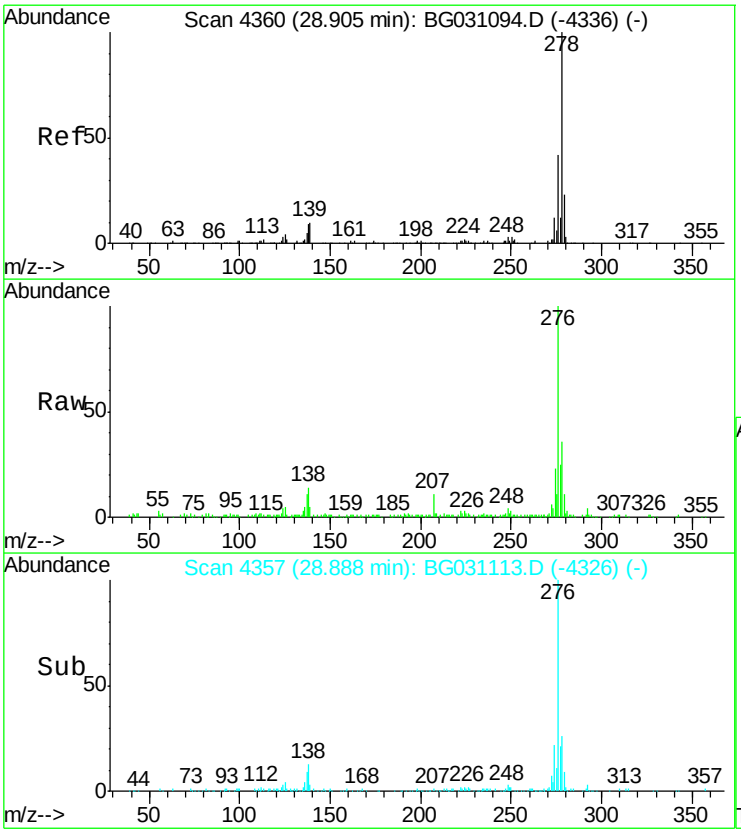
#28
Indeno(1,2,3-cd)pyrene
Concen: 10.24 ng/ul
RT: 28.85 min Scan# 4351
Delta R.T. 0.00 min
Lab File: BG031113.D
Acq: 18 Nov 2017 10:50

Instrument :
BNA_G
ClientSampleId :
B0FR2

Tgt Ion:276 Resp: 282225

Ion	Ratio	Lower	Upper
276	100		
138	12.6	17.8	26.6#
277	23.4	19.4	29.0

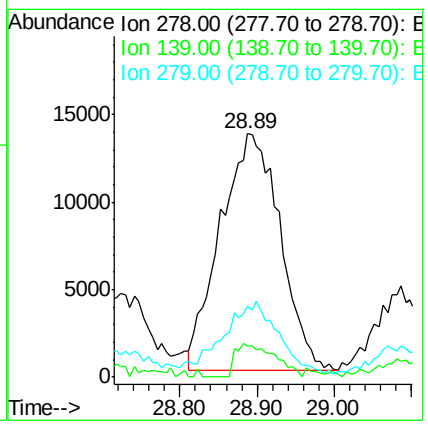


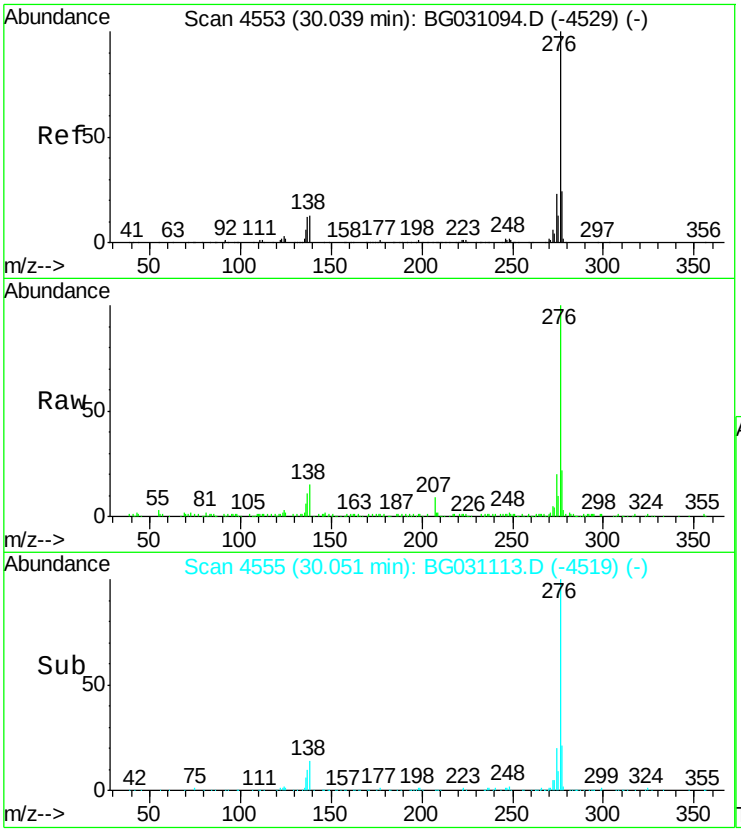


#29
Dibenzo(a,h)anthracene
Concen: 3.21 ng/ul
RT: 28.89 min Scan# 4357
Delta R.T. -0.02 min
Lab File: BG031113.D
Acq: 18 Nov 2017 10:50

Tgt Ion:278 Resp: 73218

Ion	Ratio	Lower	Upper
278	100		
139	12.6	14.0	21.0#
279	29.3	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 9.54 ng/ul
RT: 30.05 min Scan# 4555
Delta R.T. 0.01 min
Lab File: BG031113.D
Acq: 18 Nov 2017 10:50

Instrument :
BNA_G
ClientSampleId :
B0FR2

Tgt Ion:276 Resp: 218919

Ion	Ratio	Lower	Upper
276	100		
138	14.6	19.0	28.4#
277	21.7	19.7	29.5