Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031248.D
Acq On : 28 Nov 2017 3:05
Operator : SJ/JU
Sample : I6506-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 28 07:26:10 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 28 07:19:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	73422	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	320809	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	204848	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	495944	20.00	ng/ul	0.00
18) Chrysene-d12	21.76	240	535469	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	537684	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	97925	16.18	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	413726	19.42	ng/ul	0.00
10) Fluorene-d10	15.74	176	316754	18.51	ng/ul	0.00
15) Anthracene-d10	17.59	188	487086	19.62	ng/ul	0.00
19) Pyrene-d10	19.87	212	560012	22.89	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.84	264	524774	19.73	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	14.48	152	24747	1.33	ng/ul	99
14) Phenanthrene	17.53	178	349231	13.12	ng/ul	98
16) Anthracene	17.63	178	38841	1.44	ng/ul	96
17) Fluoranthene	19.54	202	812300	21.93	ng/ul#	91
20) Pyrene	19.90	202	804571	28.31	ng/ul#	90
21) Benzo(a)anthracene	21.74	228	410280	12.58	ng/ul	98
22) Chrysene	21.82	228	508008	16.37	ng/ul	99
24) Benzo(b)fluoranthene	24.02	252	553735	17.05	ng/ul#	96
25) Benzo(k)fluoranthene	24.02	252	553735	17.30	ng/ul	96
27) Benzo(a)pyrene	24.76	252	275474	8.85	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.84	276	276376	7.79	ng/ul#	92
29) Dibenzo(a,h)anthracene	28.88	278	74521	2.54	ng/ul	94
30) Benzo(g,h,i)perylene	30.02	276	227024	7.68	ng/ul#	92

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

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Sample : I6506-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Title : SVOA CALIBRATION
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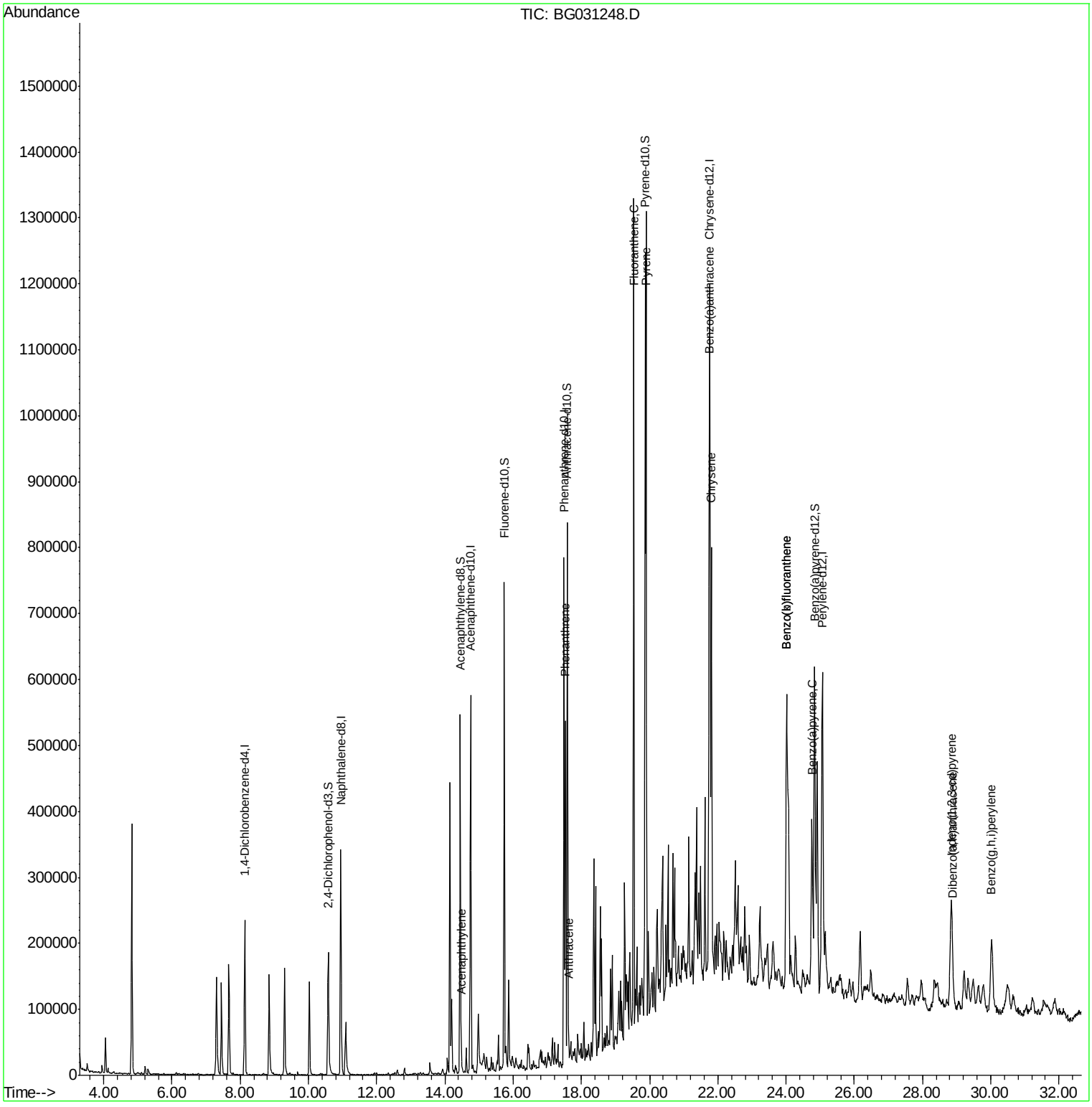
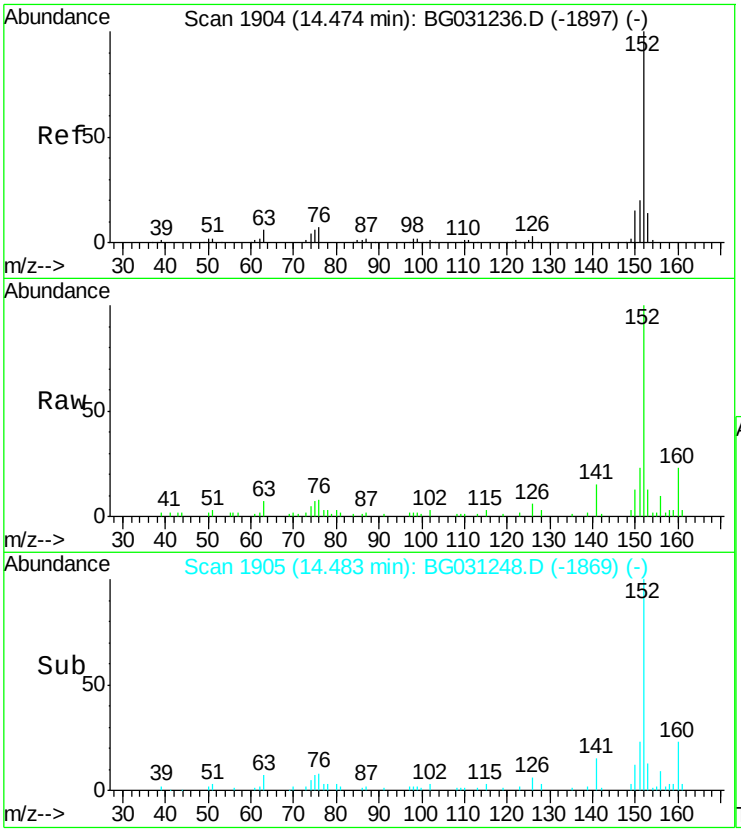
Response via : Initial Calibration



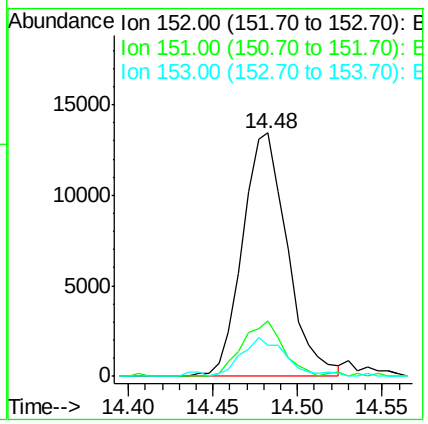


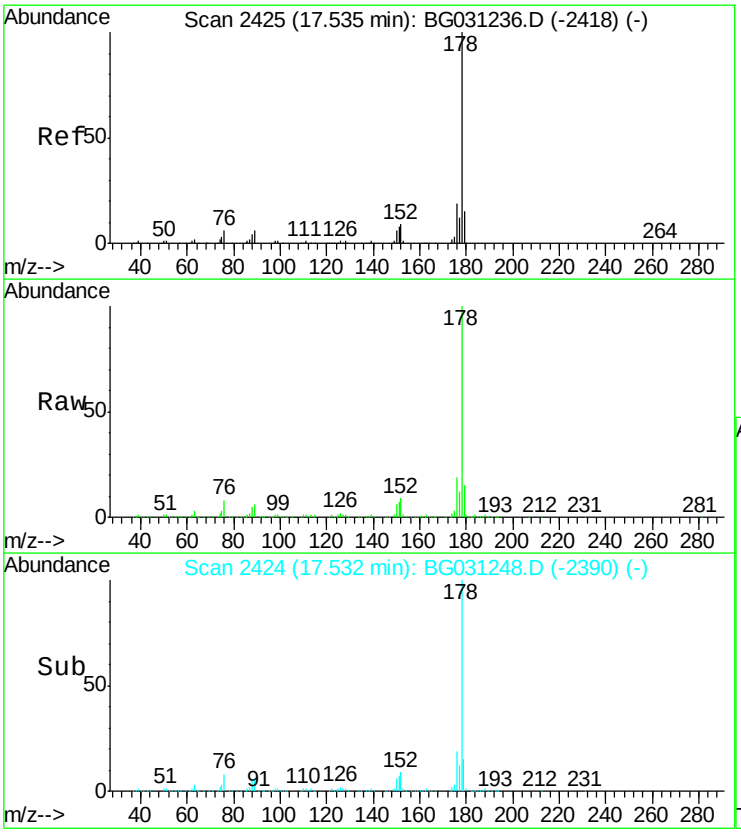
#8
Acenaphthylene
Concen: 1.33 ng/ul
RT: 14.48 min Scan# 1905
Delta R.T. 0.01 min
Lab File: BG031248.D
Acq: 28 Nov 2017 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 24747

Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.5	26.3
153	12.9	10.6	16.0

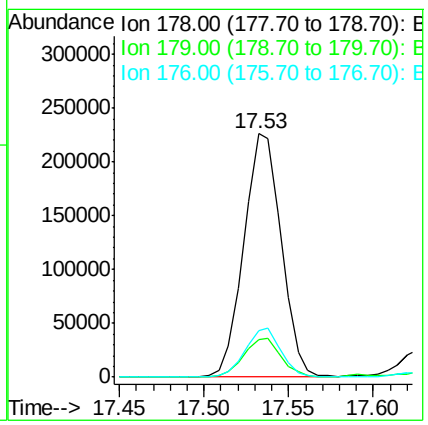


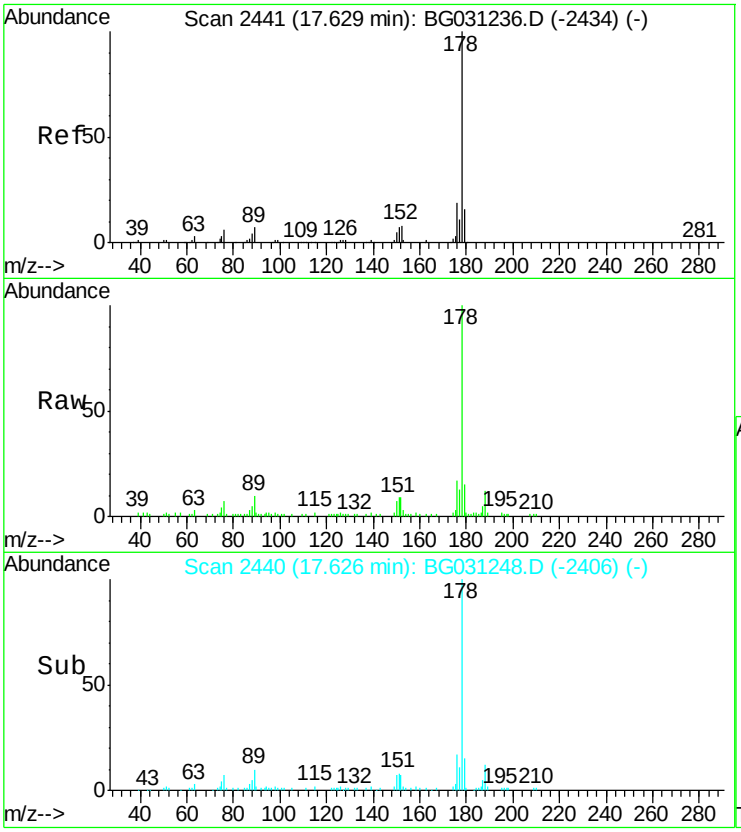


#14
Phenanthrene
Concen: 13.12 ng/ul
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG031248.D
Acq: 28 Nov 2017 3:05

Tgt Ion:178 Resp: 349231

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	19.2	16.4	24.6



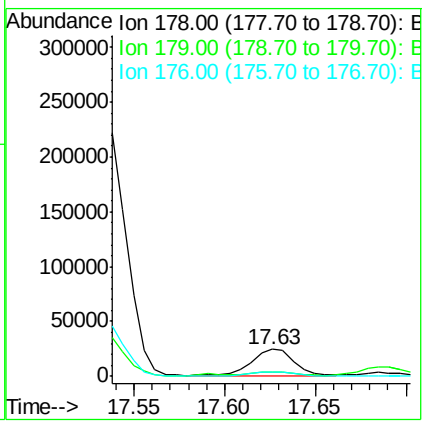


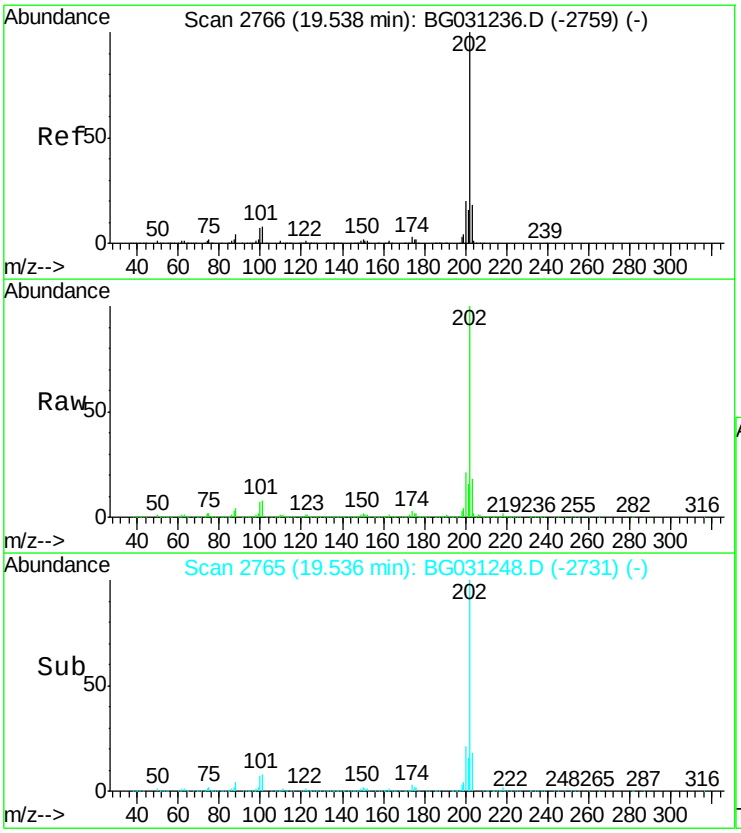
#16
Anthracene
Concen: 1.44 ng/ul
RT: 17.63 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG031248.D
Acq: 28 Nov 2017 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 38841

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.7	19.1
176	17.4	15.8	23.8

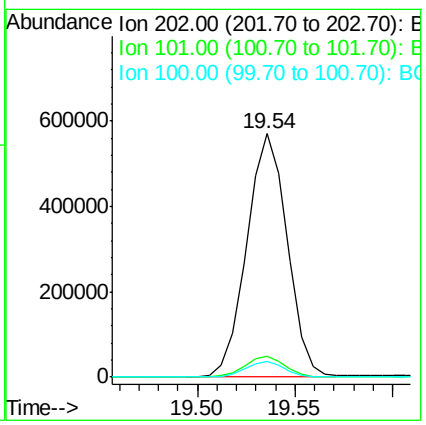


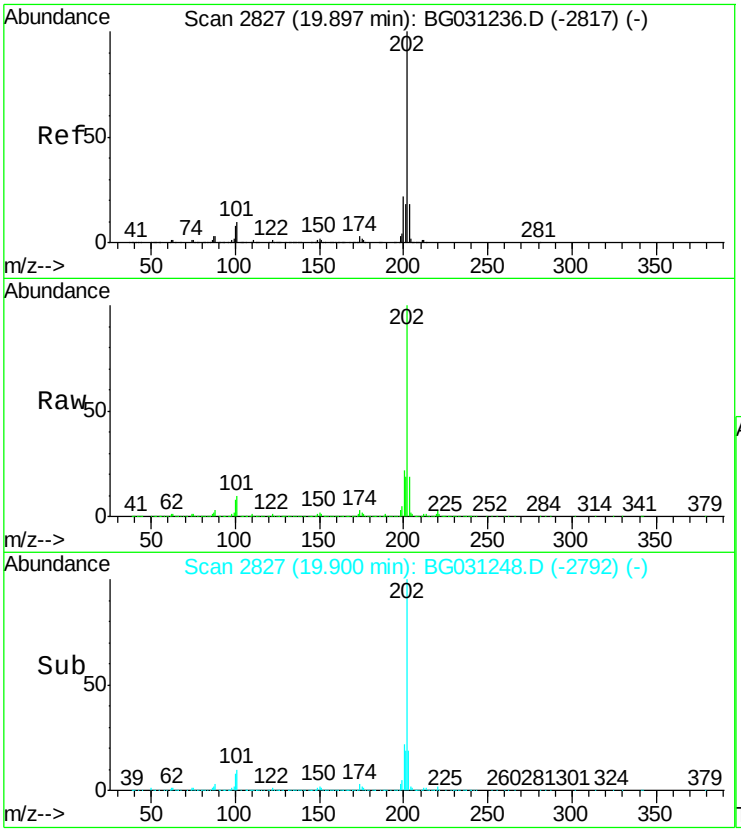


#17
Fluoranthene
Concen: 21.93 ng/ul
RT: 19.54 min Scan# 2765
Delta R.T. -0.00 min
Lab File: BG031248.D
Acq: 28 Nov 2017 3:05

Tgt Ion:202 Resp: 812300

Ion	Ratio	Lower	Upper
202	100		
101	8.3	9.8	14.8#
100	6.7	7.5	11.3#



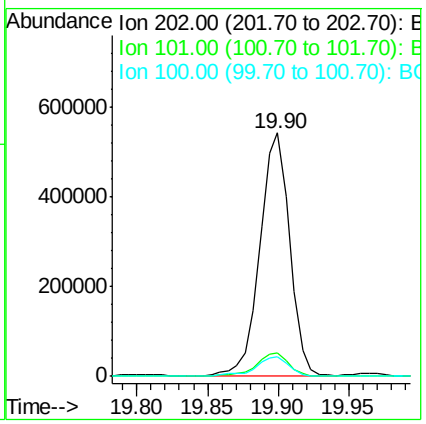


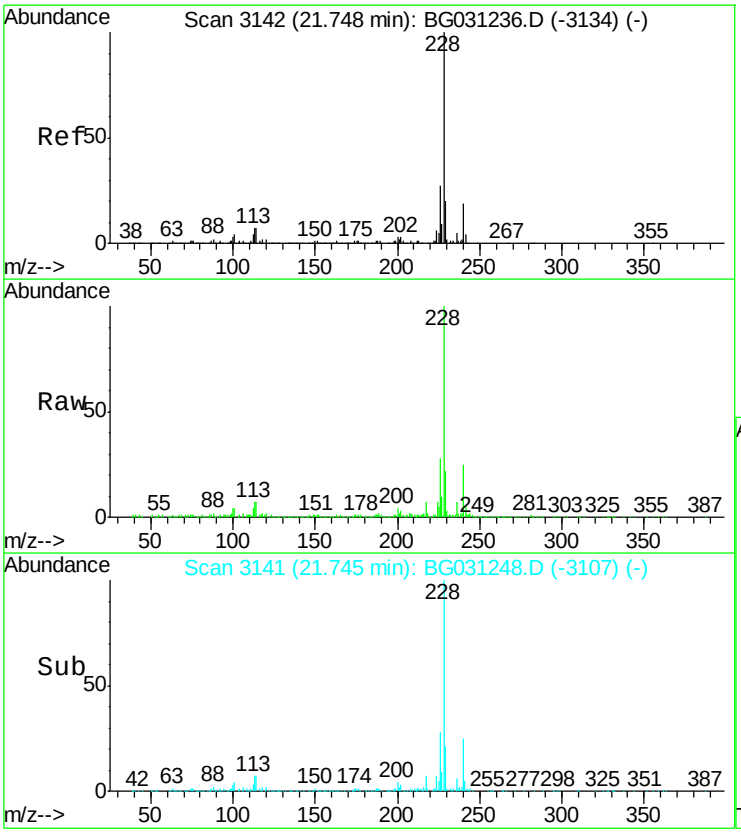
#20
Pyrene
Concen: 28.31 ng/ul
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG031248.D
Acq: 28 Nov 2017 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 804571

Ion	Ratio	Lower	Upper
202	100		
101	9.9	11.2	16.8#
100	8.2	9.8	14.6#

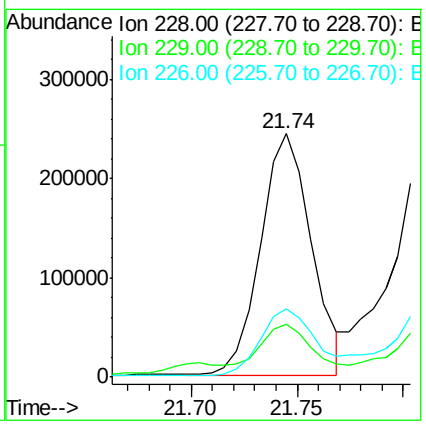


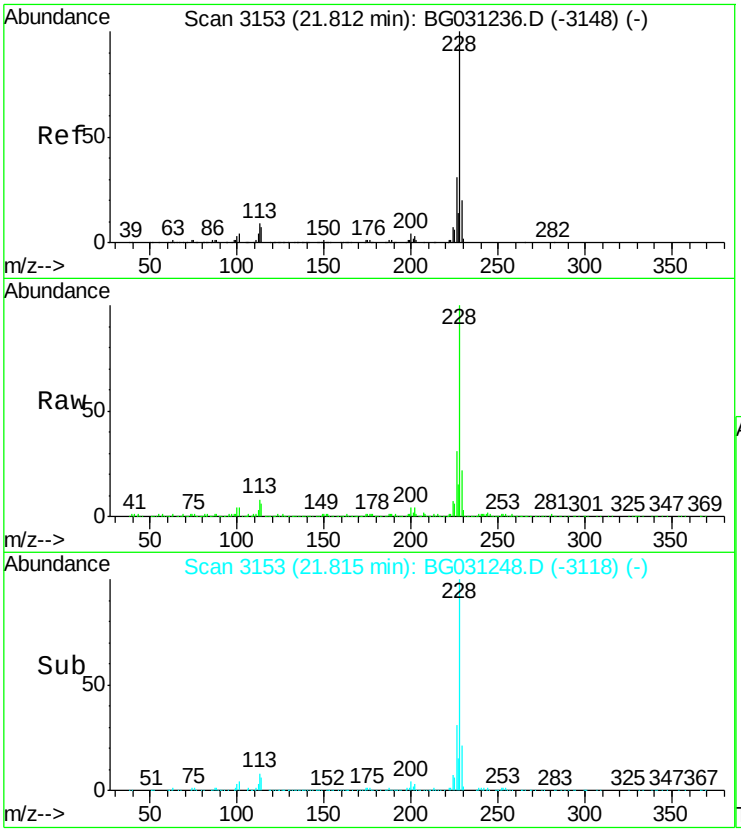


#21
Benzo(a)anthracene
Concen: 12.58 ng/ul
RT: 21.74 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031248.D
Acq: 28 Nov 2017 3:05

Tgt Ion:228 Resp: 410280

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.9	23.9
226	27.9	22.1	33.1



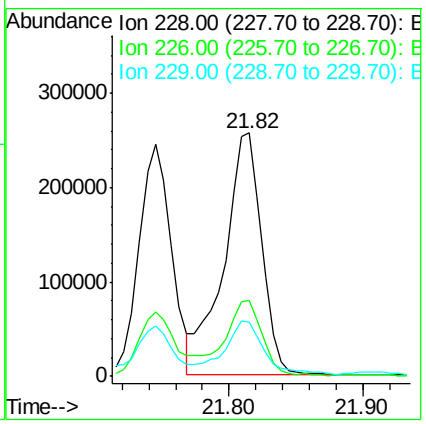


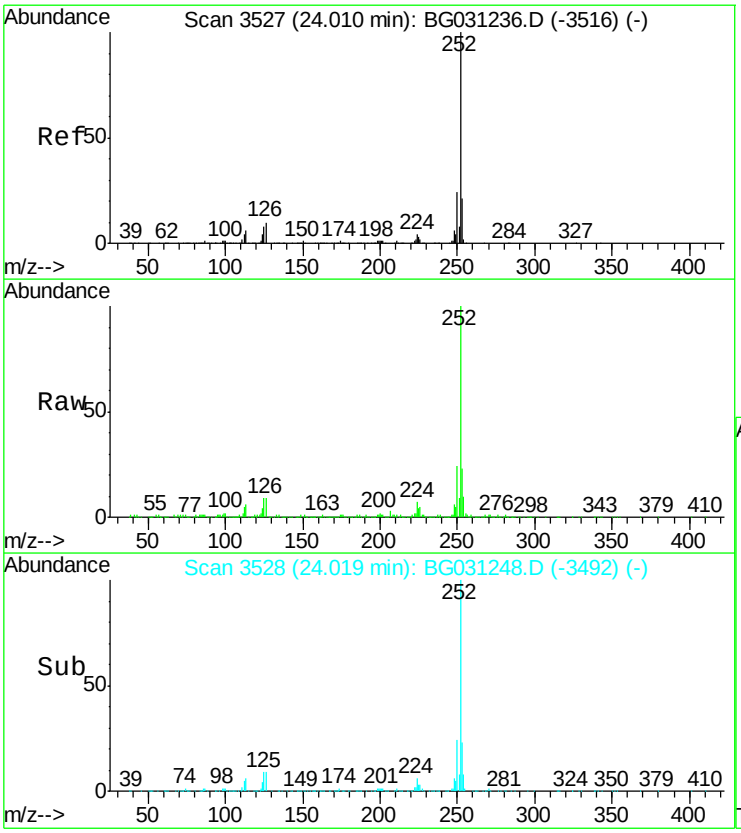
#22
Chrysene
Concen: 16.37 ng/ul
RT: 21.82 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG031248.D
Acq: 28 Nov 2017 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 508008

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	22.1	16.6	25.0

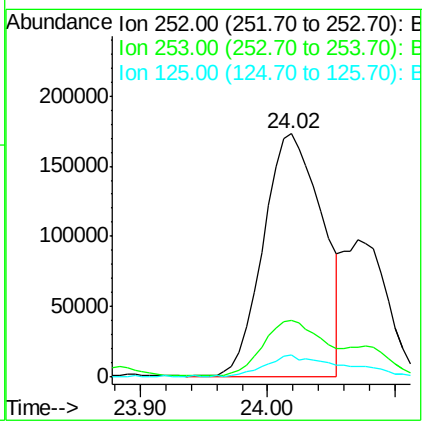


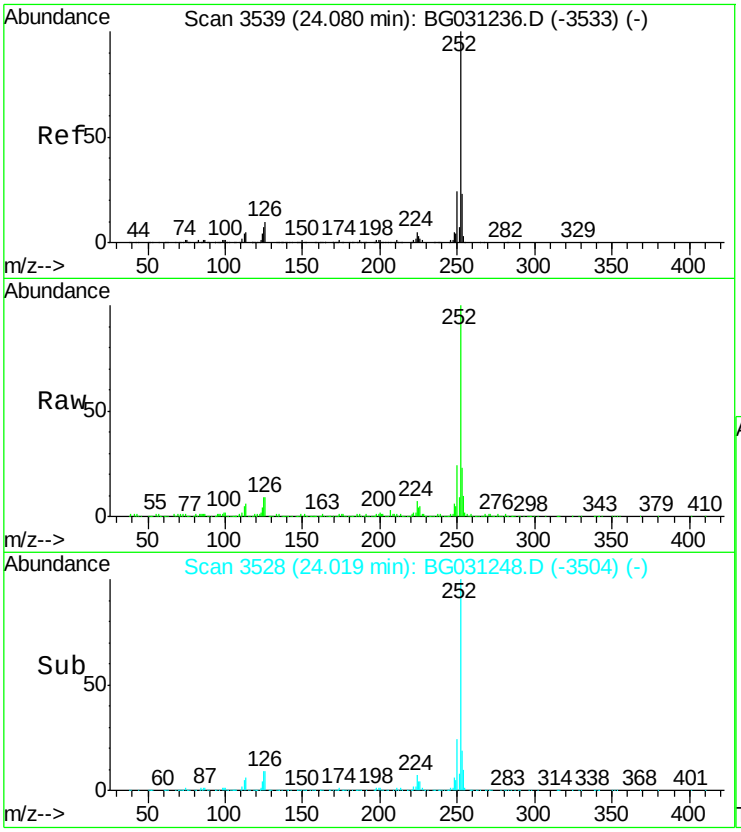


#24
Benzo(b)fluoranthene
Concen: 17.05 ng/ul
RT: 24.02 min Scan# 3528
Delta R.T. 0.01 min
Lab File: BG031248.D
Acq: 28 Nov 2017 3:05

Tgt Ion:252 Resp: 553735

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	9.0	9.4	14.0#



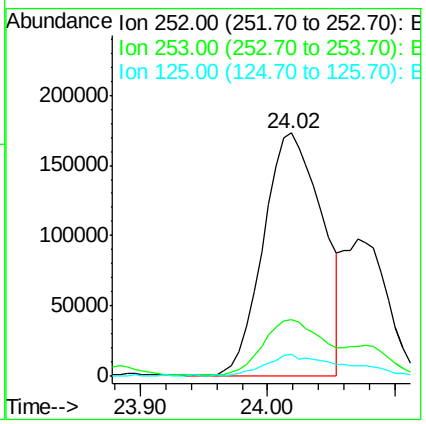


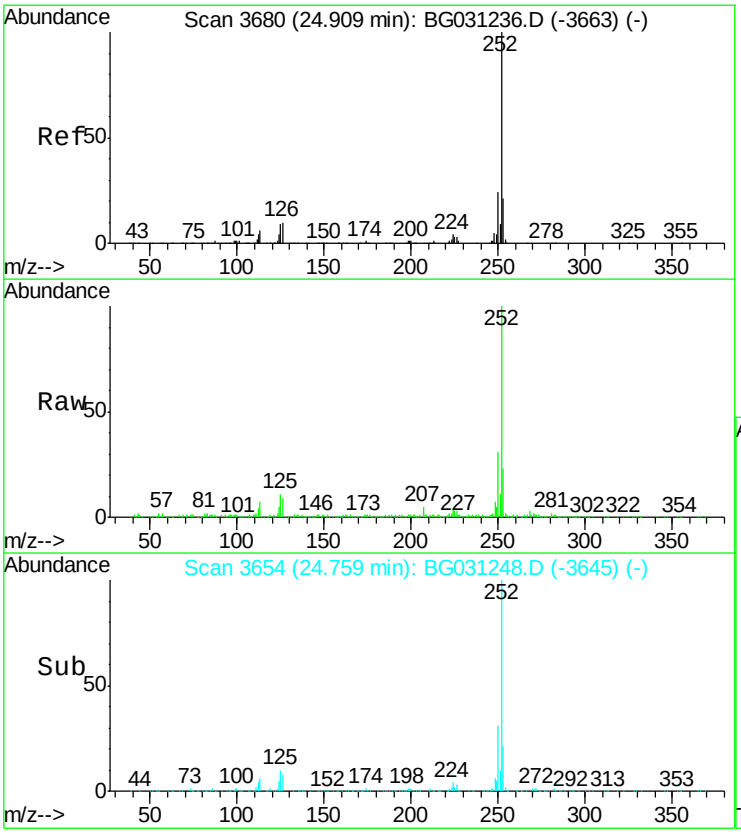
#25
Benzo(k)fluoranthene
Concen: 17.30 ng/ul
RT: 24.02 min Scan# 3528
Delta R.T. -0.06 min
Lab File: BG031248.D
Acq: 28 Nov 2017 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 553735

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	9.0	8.8	13.2

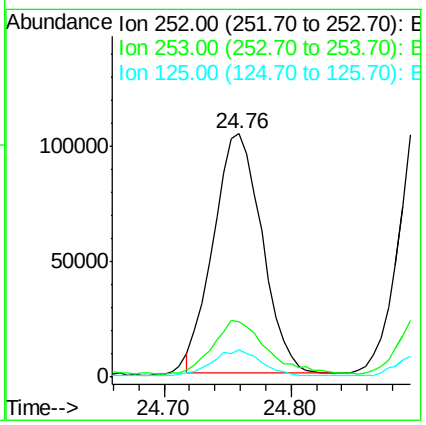


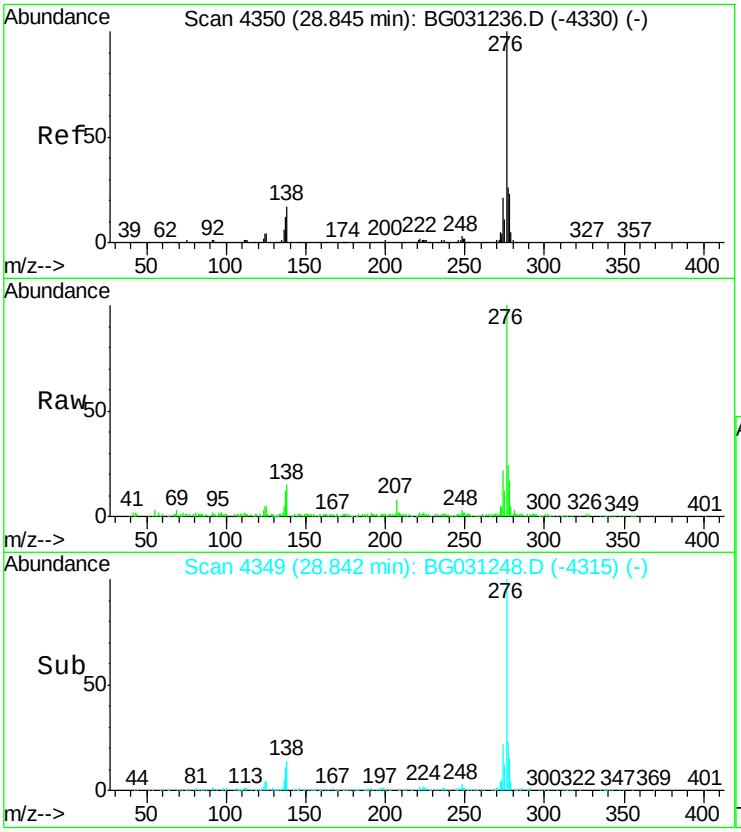


#27
Benzo(a)pyrene
Concen: 8.85 ng/ul
RT: 24.76 min Scan# 3654
Delta R.T. -0.15 min
Lab File: BG031248.D
Acq: 28 Nov 2017 3:05

Tgt Ion:252 Resp: 275474

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	11.0	9.4	14.2



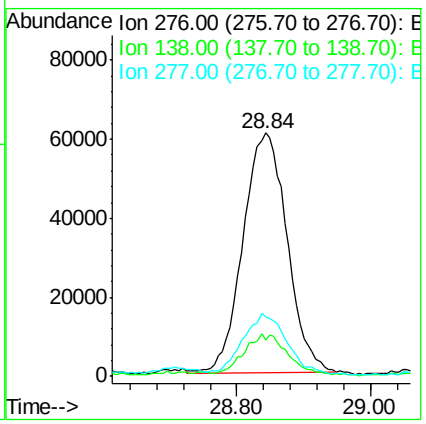


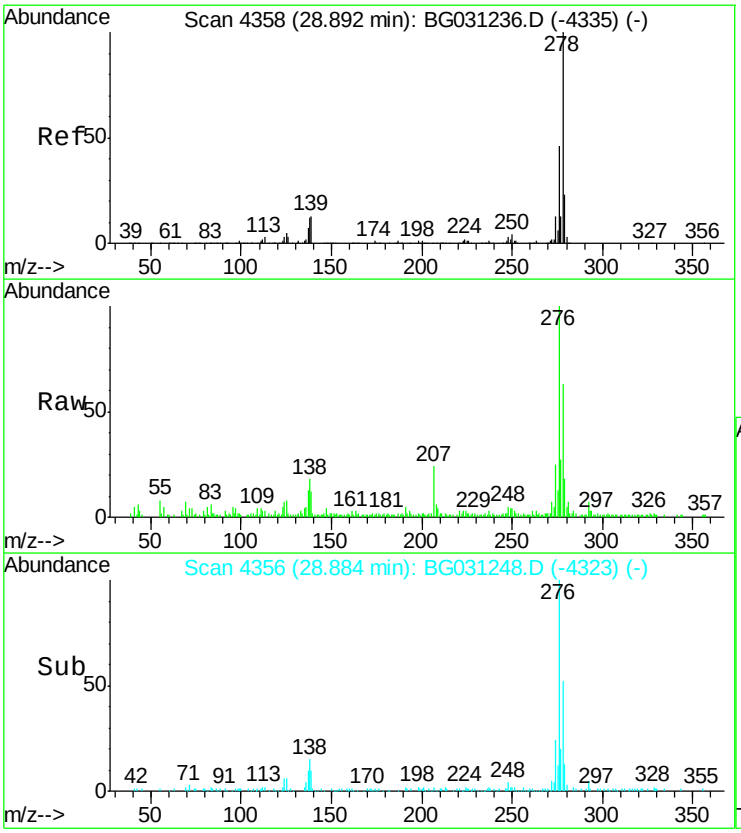
#28
Indeno(1,2,3-cd)pyrene
Concen: 7.79 ng/ul
RT: 28.84 min Scan# 4349
Delta R.T. -0.00 min
Lab File: BG031248.D
Acq: 28 Nov 2017 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 276376

Ion	Ratio	Lower	Upper
276	100		
138	14.7	17.8	26.6#
277	24.3	19.4	29.0

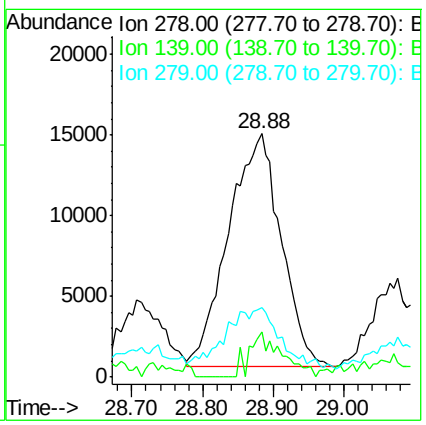


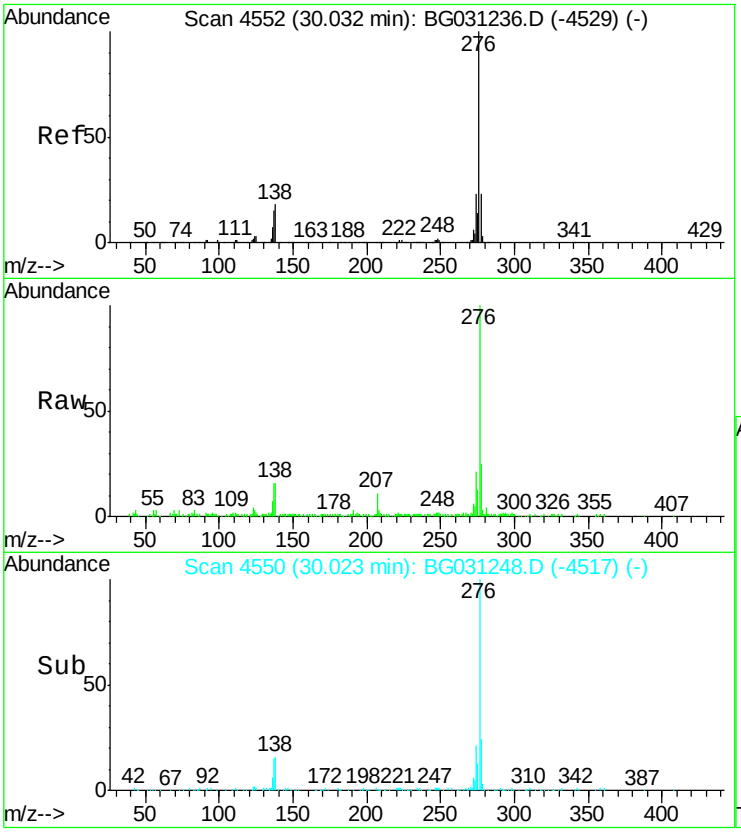


#29
Dibenzo(a,h)anthracene
Concen: 2.54 ng/ul
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG031248.D
Acq: 28 Nov 2017 3:05

Tgt Ion:278 Resp: 74521

Ion	Ratio	Lower	Upper
278	100		
139	21.0	14.0	21.0
279	28.5	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 7.68 ng/ul
RT: 30.02 min Scan# 4550
Delta R.T. -0.01 min
Lab File: BG031248.D
Acq: 28 Nov 2017 3:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 227024

Ion	Ratio	Lower	Upper
276	100		
138	16.4	19.0	28.4#
277	24.8	19.7	29.5