Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
Data File : BG031239.D
Acq On : 27 Nov 2017 21:30
Operator : SJ/JU
Sample : I6506-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 28 07:24:47 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	56103	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	254764	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	168024	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	425702	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	473443	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	470515	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	139945	29.11	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	583254	33.38	ng/ul	0.00
10) Fluorene-d10	15.74	176	441321	31.44	ng/ul	0.00
15) Anthracene-d10	17.59	188	685259	32.16	ng/ul	0.00
19) Pyrene-d10	19.87	212	801548	37.06	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.83	264	781430	33.57	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.54	178	158645	6.94	ng/ul	98
16) Anthracene	17.63	178	29435	1.27	ng/ul	95
17) Fluoranthene	19.53	202	399838	12.58	ng/ul#	92
20) Pyrene	19.90	202	356984	14.21	ng/ul#	89
21) Benzo(a)anthracene	21.74	228	246121	8.53	ng/ul	98
22) Chrysene	21.81	228	242486	8.84	ng/ul	98
24) Benzo(b)fluoranthene	24.01	252	319579	11.24	ng/ul#	96
25) Benzo(k)fluoranthene	24.01	252	319579	11.41	ng/ul#	97
27) Benzo(a)pyrene	24.75	252	172885	6.34	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.83	276	156831	5.05	ng/ul#	92
29) Dibenzo(a,h)anthracene	28.85	278	26710	1.04	ng/ul	95
30) Benzo(g,h,i)perylene	30.02	276	142531	5.51	ng/ul#	92

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

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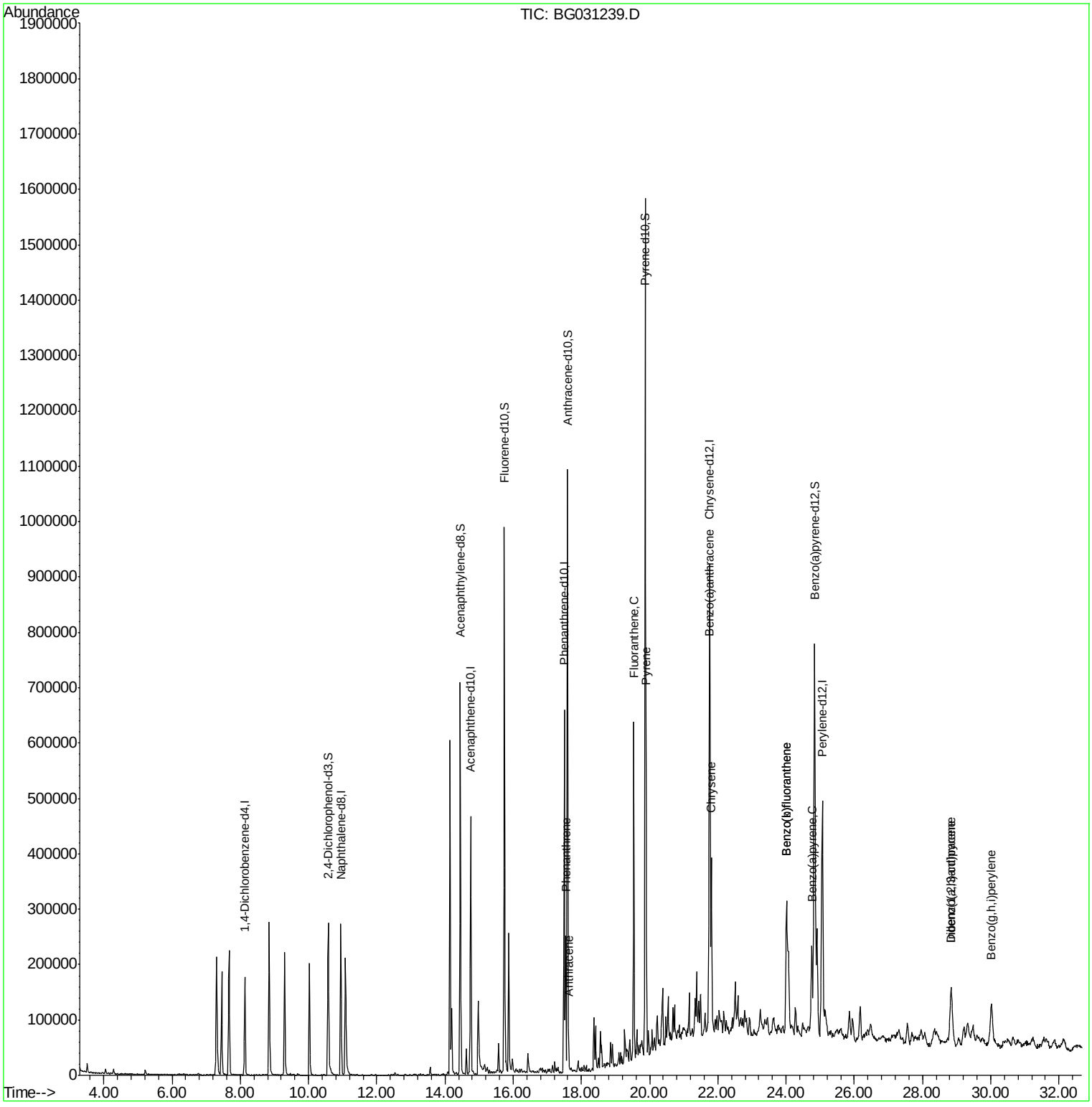
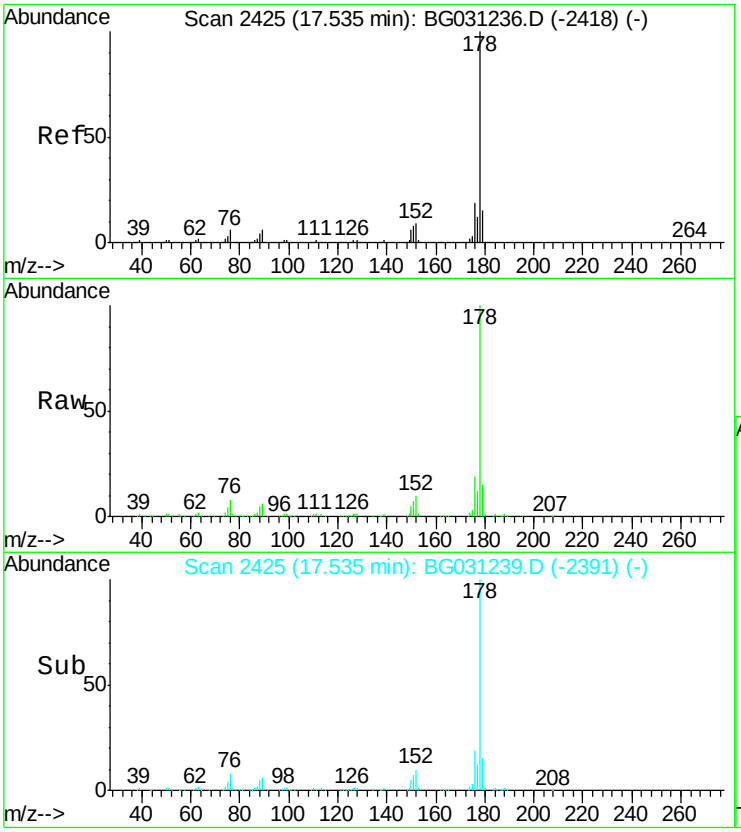


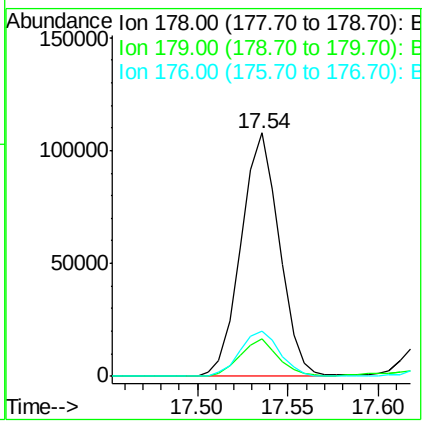


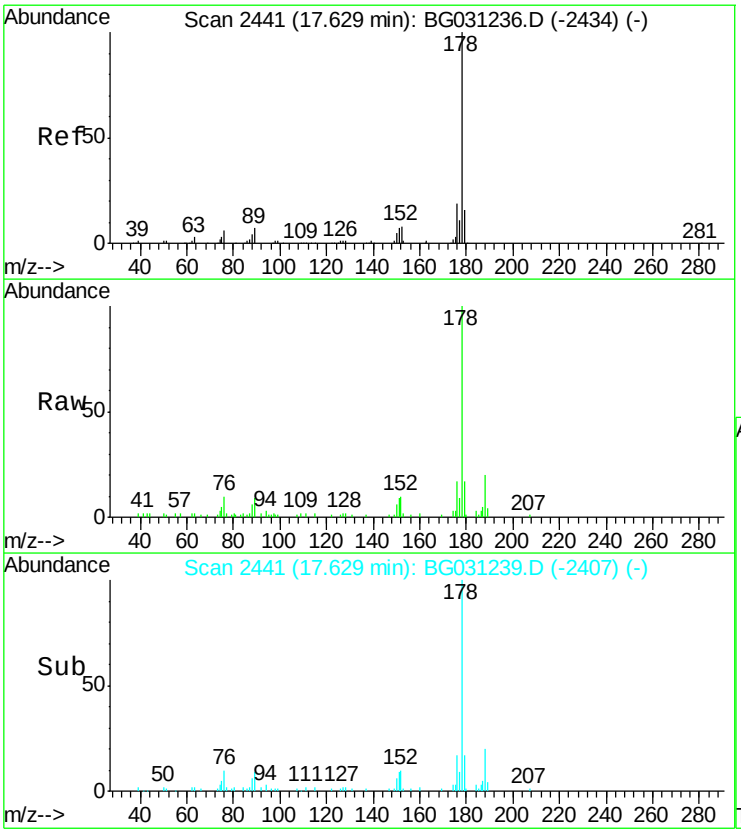
#14
Phenanthrene
Concen: 6.94 ng/ul
RT: 17.54 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG031239.D
Acq: 27 Nov 2017 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 158645

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.8	16.4	24.6

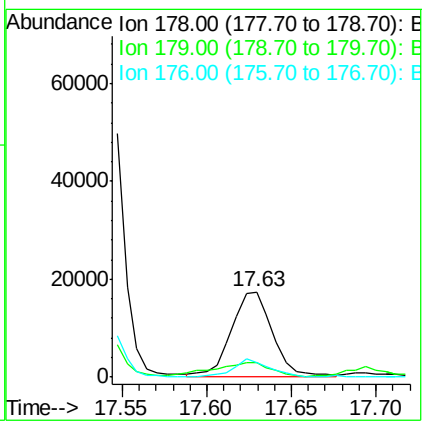


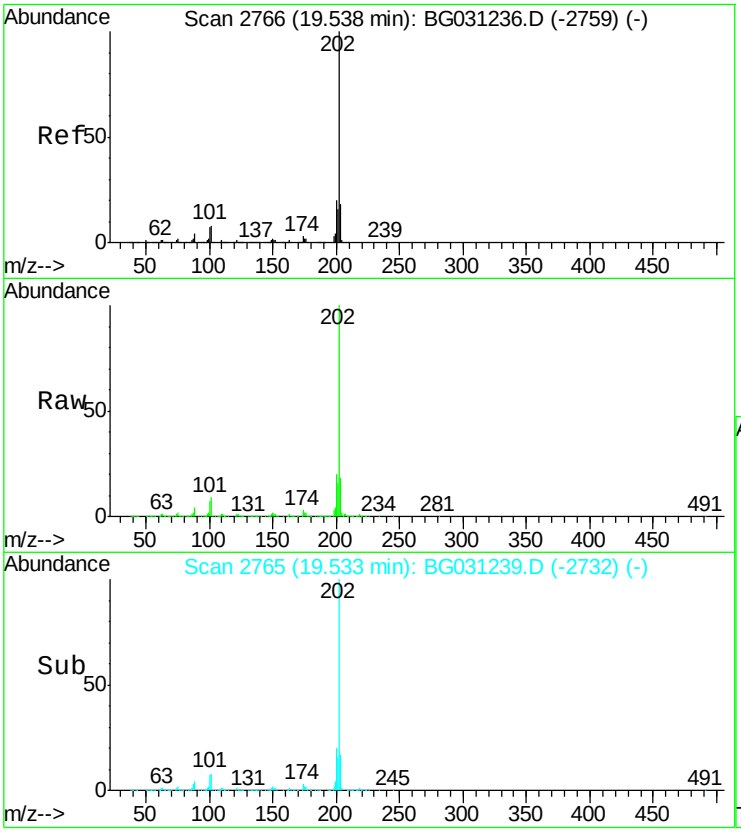


#16
Anthracene
Concen: 1.27 ng/ul
RT: 17.63 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG031239.D
Acq: 27 Nov 2017 21:30

Tgt Ion:178 Resp: 29435

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.7	19.1
176	16.5	15.8	23.8



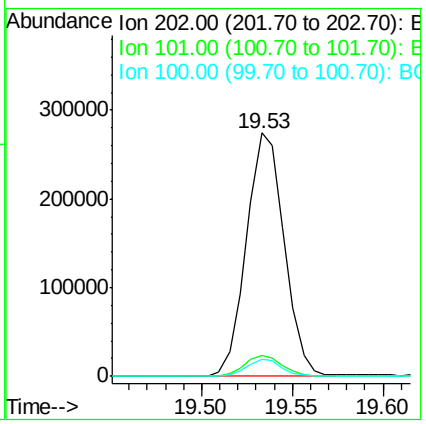


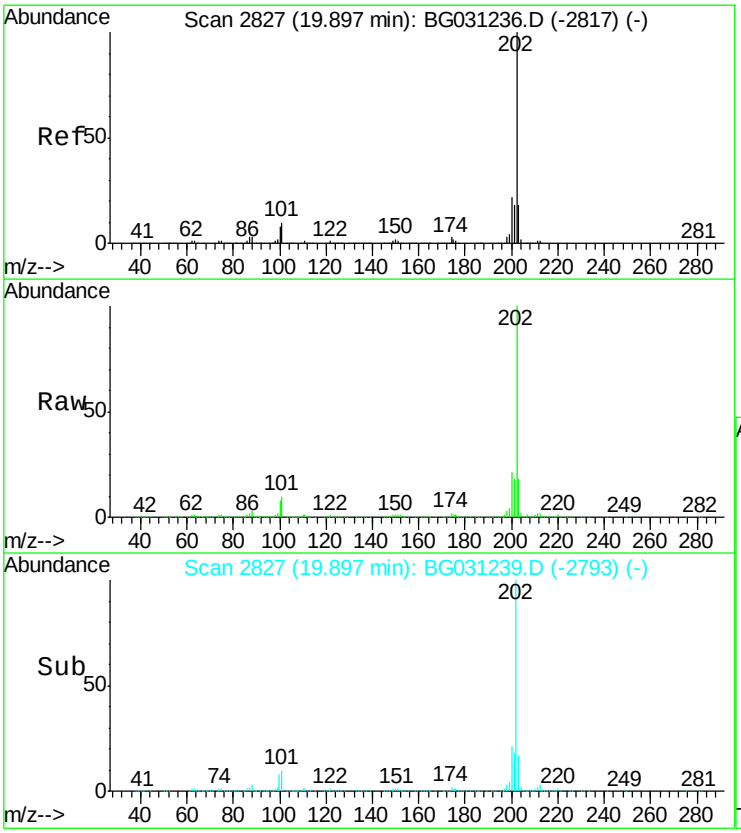
#17
Fluoranthene
Concen: 12.58 ng/ul
RT: 19.53 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BG031239.D
Acq: 27 Nov 2017 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 399838

Ion	Ratio	Lower	Upper
202	100		
101	8.5	9.8	14.8#
100	7.2	7.5	11.3#

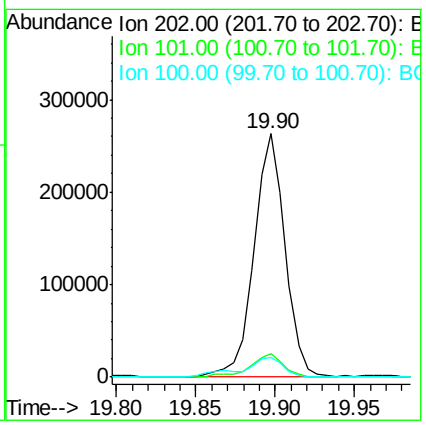


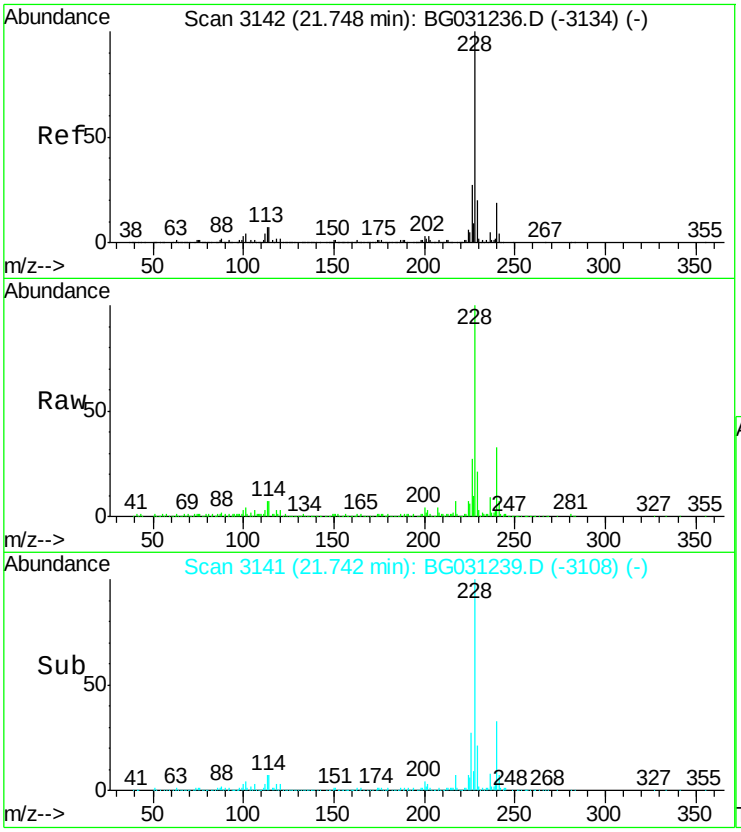


#20
Pyrene
Concen: 14.21 ng/ul
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG031239.D
Acq: 27 Nov 2017 21:30

Tgt Ion:202 Resp: 356984

Ion	Ratio	Lower	Upper
202	100		
101	9.7	11.2	16.8#
100	8.2	9.8	14.6#



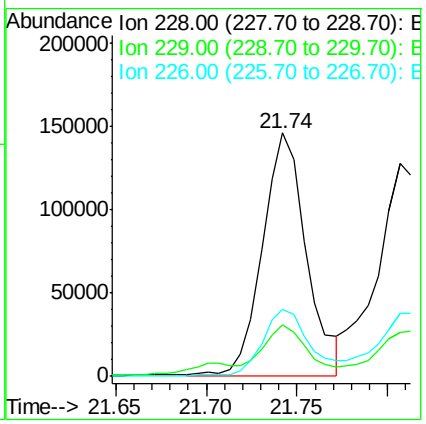


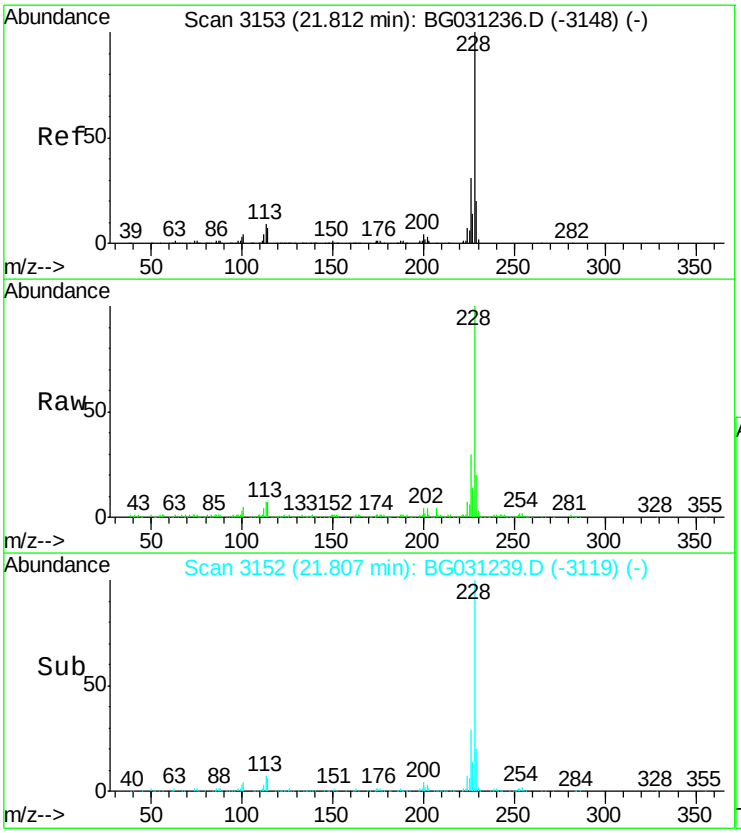
#21
Benzo(a)anthracene
Concen: 8.53 ng/ul
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031239.D
Acq: 27 Nov 2017 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 246121

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.9	23.9
226	27.3	22.1	33.1

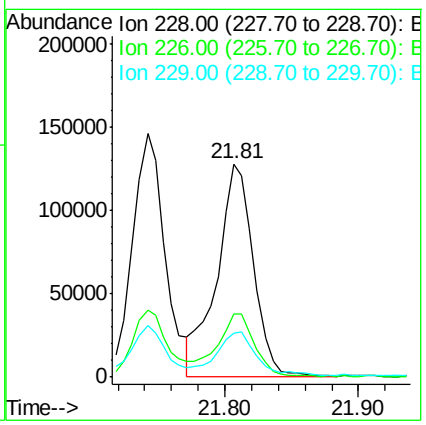


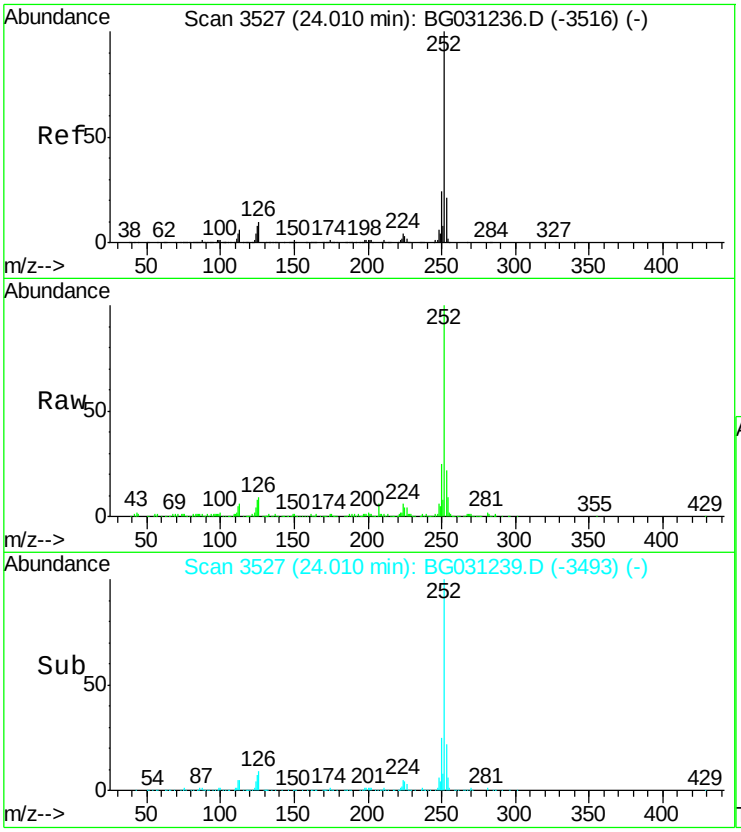


#22
Chrysene
Concen: 8.84 ng/ul
RT: 21.81 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG031239.D
Acq: 27 Nov 2017 21:30

Tgt Ion:228 Resp: 242486

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	20.5	16.6	25.0



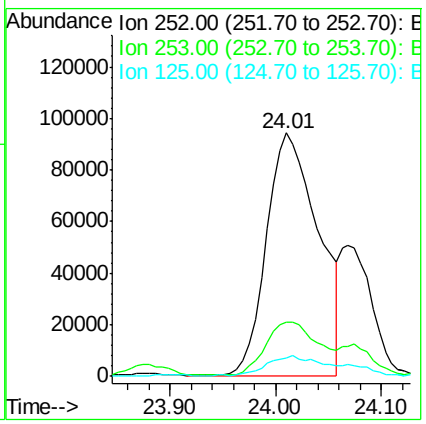


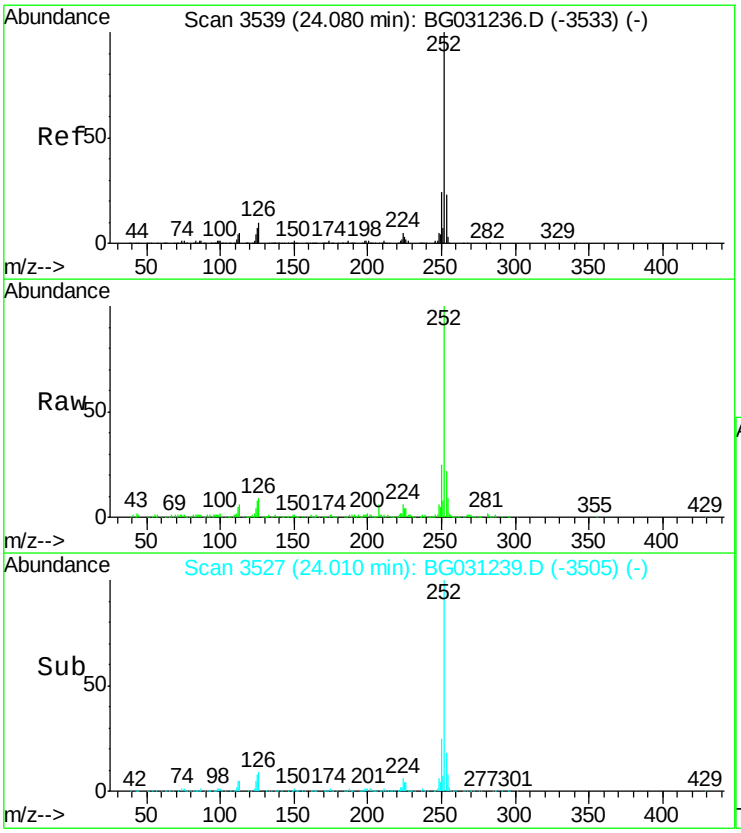
#24
Benzo(b)fluoranthene
Concen: 11.24 ng/ul
RT: 24.01 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG031239.D
Acq: 27 Nov 2017 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 319579

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.8	9.4	14.0#

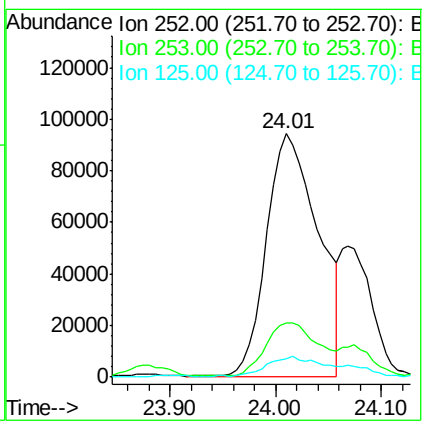


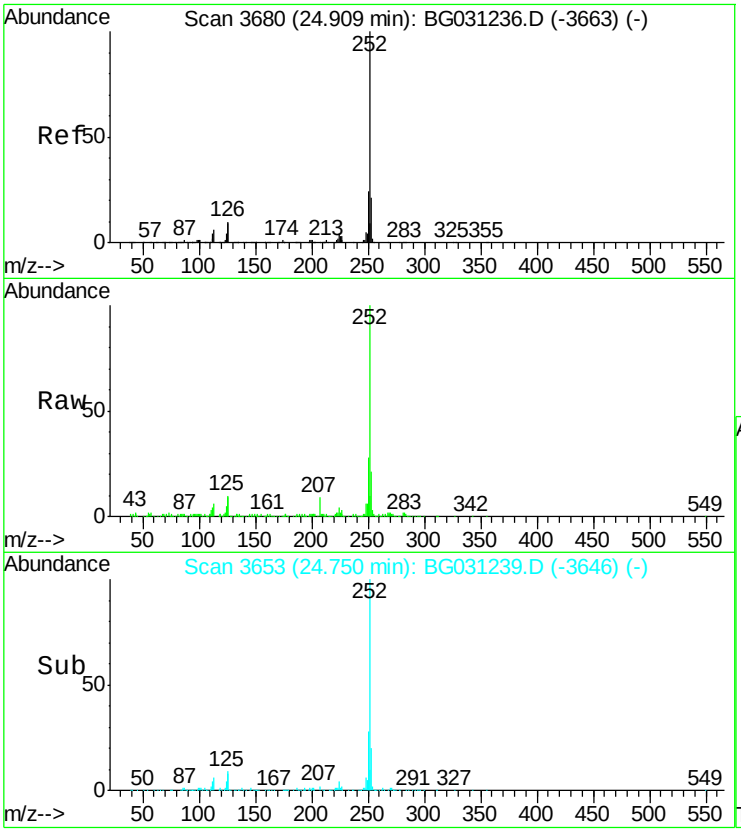


#25
Benzo(k)fluoranthene
Concen: 11.41 ng/ul
RT: 24.01 min Scan# 3527
Delta R.T. -0.07 min
Lab File: BG031239.D
Acq: 27 Nov 2017 21:30

Tgt Ion:252 Resp: 319579

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	7.8	8.8	13.2#



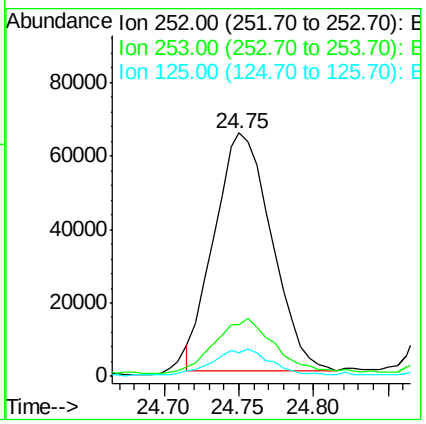


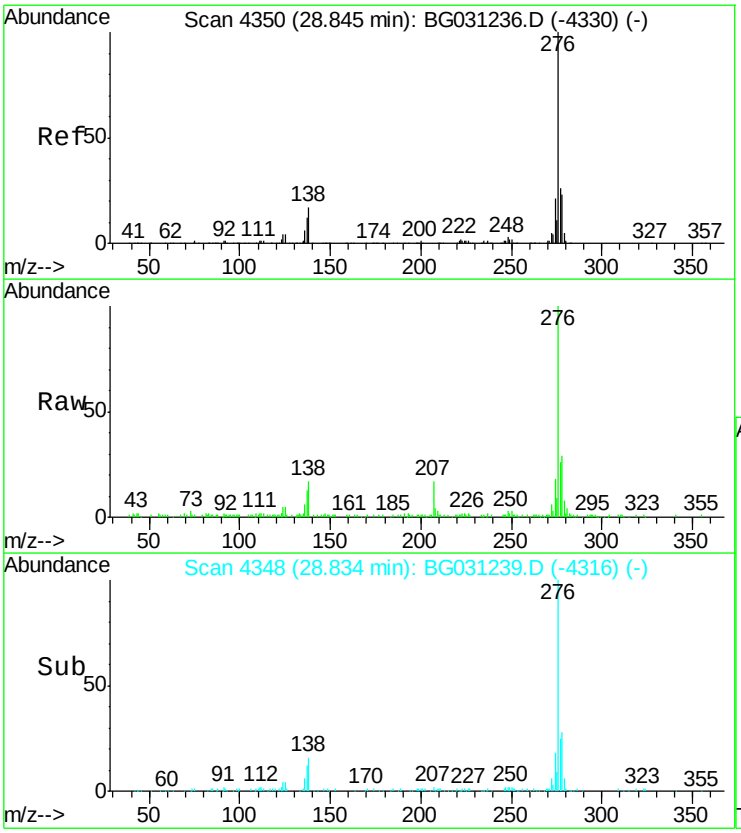
#27
Benzo(a)pyrene
Concen: 6.34 ng/ul
RT: 24.75 min Scan# 3653
Delta R.T. -0.16 min
Lab File: BG031239.D
Acq: 27 Nov 2017 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 172885

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.1	25.7
125	9.7	9.4	14.2

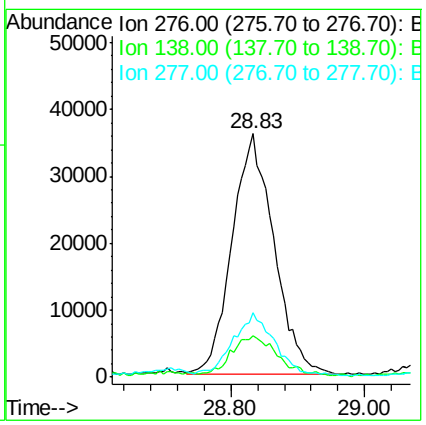


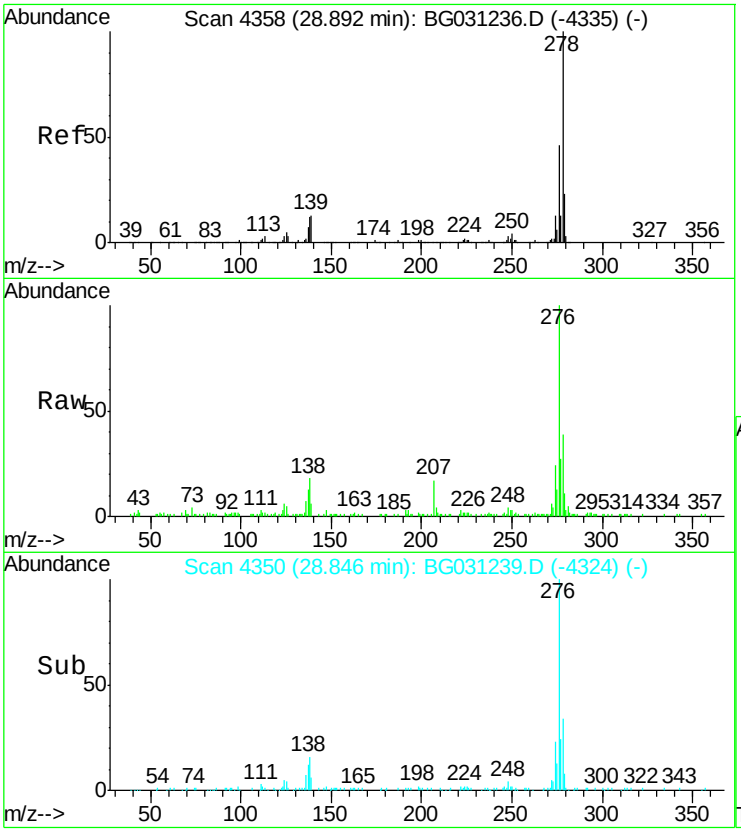


#28
Indeno(1,2,3-cd)pyrene
Concen: 5.05 ng/ul
RT: 28.83 min Scan# 4348
Delta R.T. -0.01 min
Lab File: BG031239.D
Acq: 27 Nov 2017 21:30

Tgt Ion:276 Resp: 156831

Ion	Ratio	Lower	Upper
276	100		
138	16.8	17.8	26.6#
277	26.4	19.4	29.0



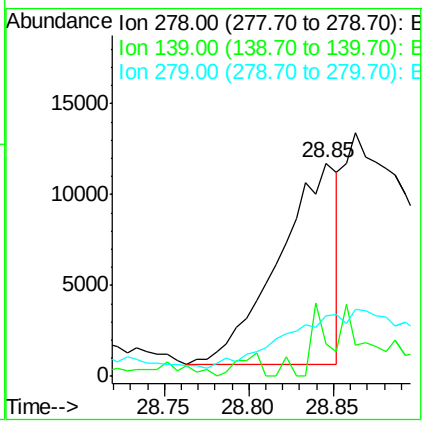


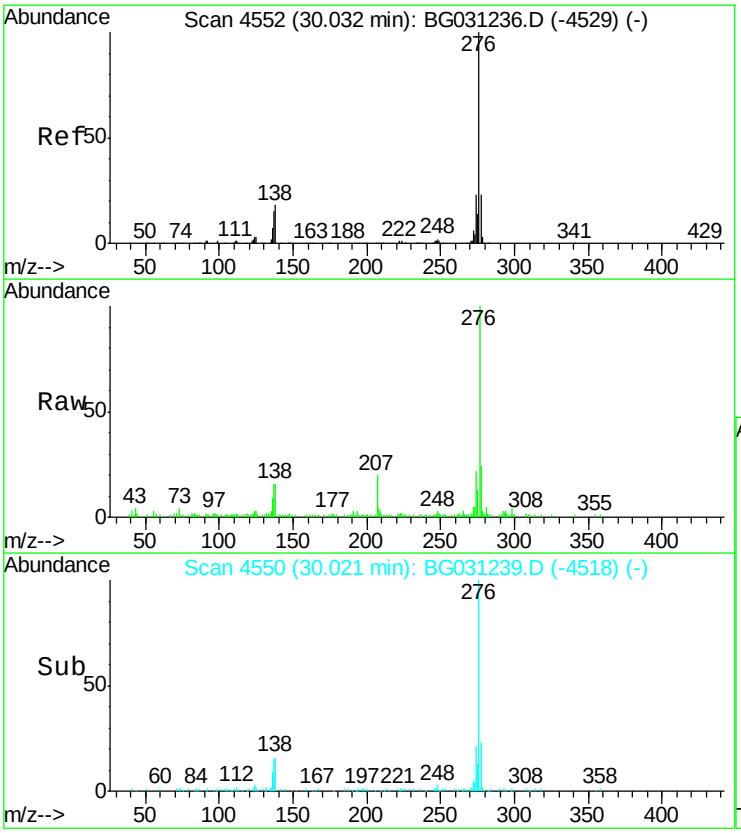
#29
Dibenzo(a,h)anthracene
Concen: 1.04 ng/ul
RT: 28.85 min Scan# 4350
Delta R.T. -0.05 min
Lab File: BG031239.D
Acq: 27 Nov 2017 21:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 26710

Ion	Ratio	Lower	Upper
278	100		
139	15.4	14.0	21.0
279	28.5	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 5.51 ng/ul
RT: 30.02 min Scan# 4550
Delta R.T. -0.01 min
Lab File: BG031239.D
Acq: 27 Nov 2017 21:30

Tgt Ion:276 Resp: 142531

Ion	Ratio	Lower	Upper
276	100		
138	16.0	19.0	28.4#
277	24.1	19.7	29.5