Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG053017\
Data File : BG027200.D
Acq On : 30 May 2017 9:13
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 30 17:54:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 29 03:58:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	105806	20.00	ng/ul	0.00
2) Naphthalene-d8	10.75	136	651806	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	372474	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	785665	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	679927	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	712847	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.39	165	176980	19.50	ng/uL	0.00
7) Acenaphthylene-d8	14.27	160	743878	20.04	ng/ul	0.00
10) Fluorene-d10	15.56	176	518808	20.42	ng/ul	0.00
15) Anthracene-d10	17.41	188	746856	19.70	ng/ul	0.00
19) Pyrene-d10	19.69	212	724110	19.38	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	655639	22.26	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.80	128	655709	20.55	ng/ul	100
5) 2-Methylnaphthalene	12.41	142	487500	20.19	ng/ul	95
8) Acenaphthylene	14.30	152	754404	20.76	ng/ul	98
9) Acenaphthene	14.64	153	516666	20.88	ng/ul	99
11) Fluorene	15.62	166	566757	20.00	ng/ul	99
13) Pentachlorophenol	16.98	266	55723	16.59	ng/uL	98
14) Phenanthrene	17.36	178	844520	19.56	ng/ul	99
16) Anthracene	17.44	178	880885	19.59	ng/ul	99
17) Fluoranthene	19.36	202	904109	21.28	ng/ul#	91
20) Pyrene	19.72	202	910791	19.60	ng/ul#	90
21) Benzo(a)anthracene	21.54	228	803662	20.25	ng/ul	100
22) Chrysene	21.60	228	732230	20.37	ng/ul	98
24) Benzo(b)fluoranthene	23.70	252	811929	21.38	ng/ul#	95
25) Benzo(k)fluoranthene	23.75	252	788247	21.44	ng/ul#	96
27) Benzo(a)pyrene	24.54	252	787464	21.92	ng/ul#	94
28) Indeno(1,2,3-cd)pyrene	28.25	276	935337	19.77	ng/ul#	90
29) Dibenzo(a,h)anthracene	28.30	278	781077	19.72	ng/ul#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG053017\
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Acq On : 30 May 2017 9:13
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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Quant Title : SVOA CALIBRATION
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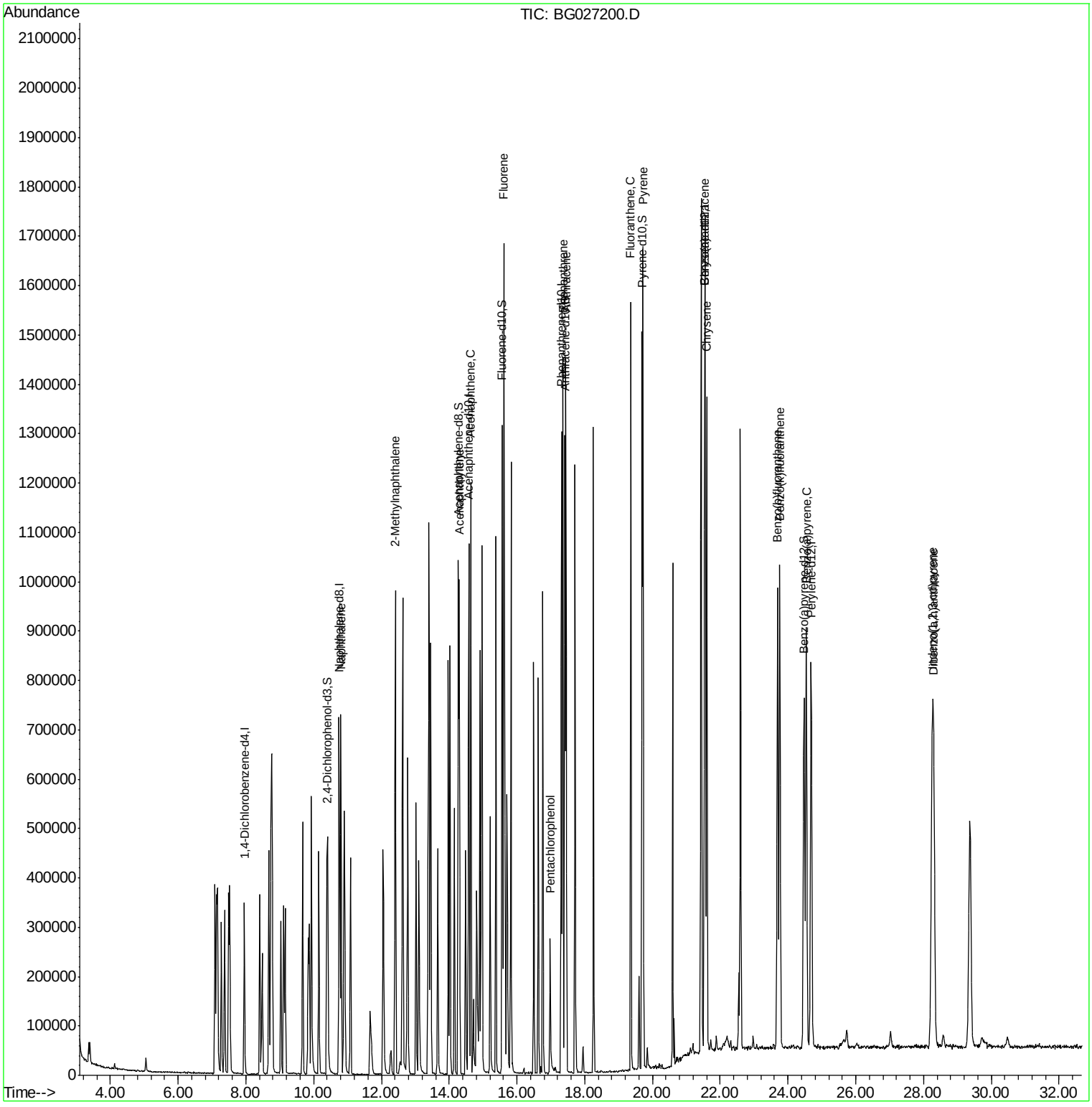
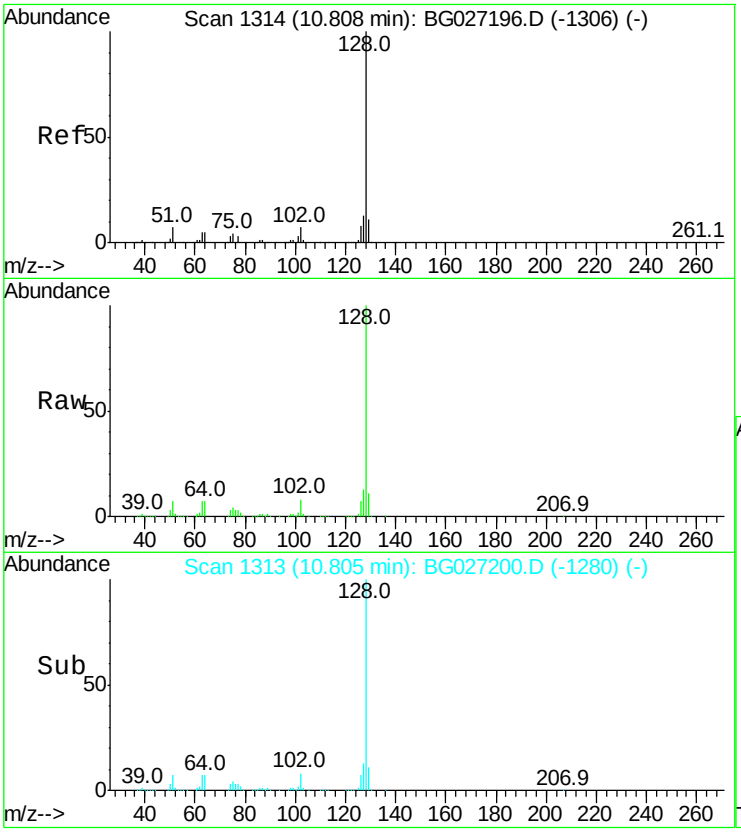


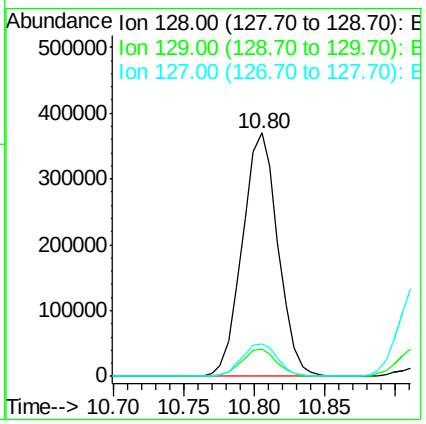


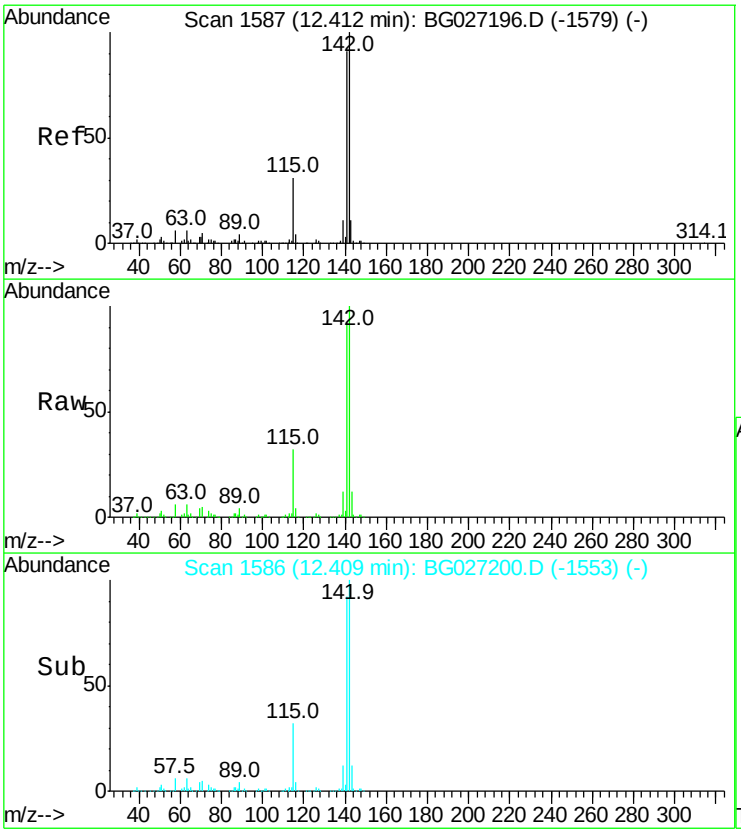
#4
Naphthalene
Concen: 20.55 ng/ul
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 655709

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.4	10.6	15.8

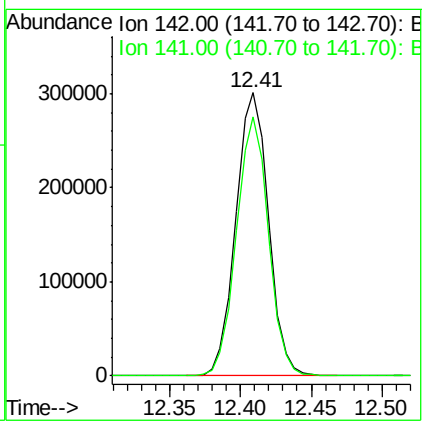


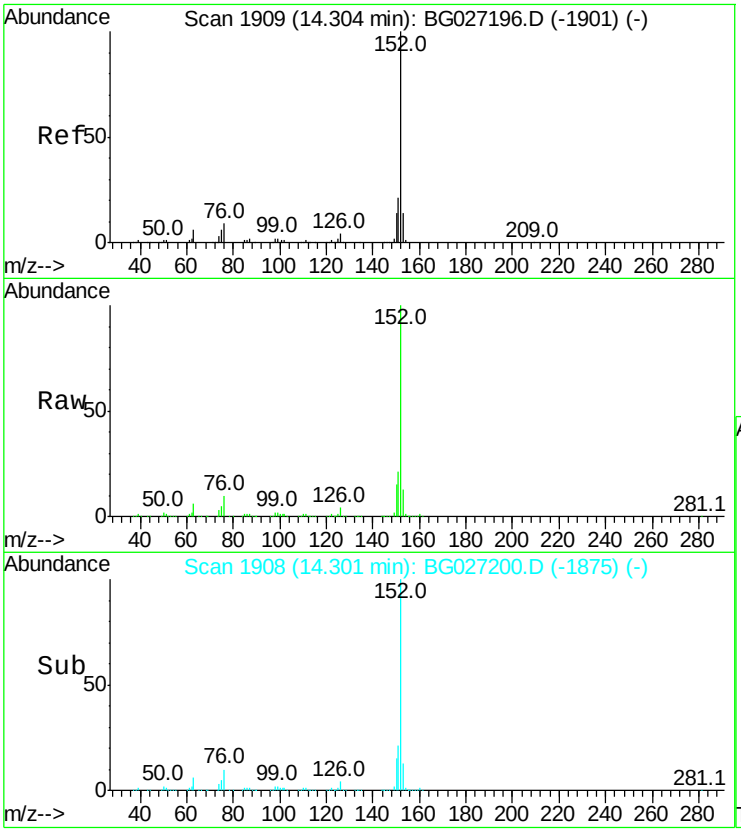


#5
2-Methylnaphthalene
Concen: 20.19 ng/ul
RT: 12.41 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Tgt Ion:142 Resp: 487500

Ion	Ratio	Lower	Upper
142	100		
141	91.7	69.8	104.8



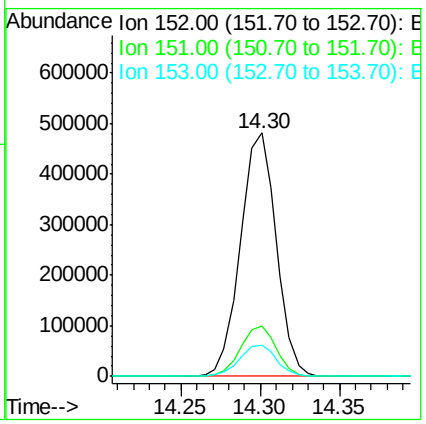


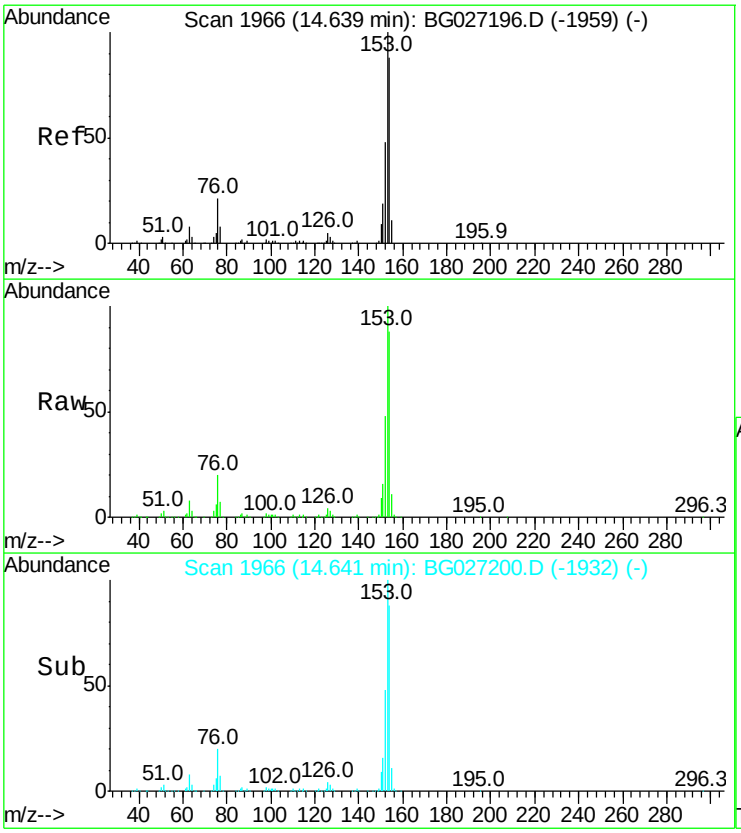
#8
Acenaphthylene
Concen: 20.76 ng/ul
RT: 14.30 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 754404

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.5	26.3
153	12.9	10.6	16.0

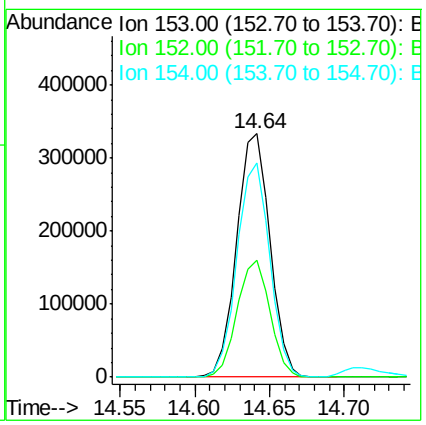


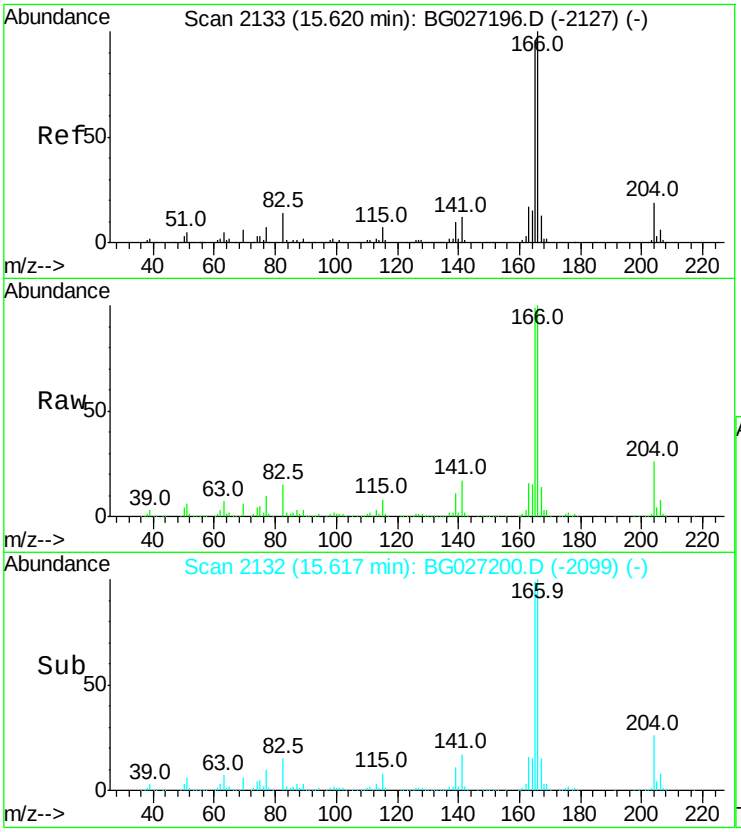


#9
Acenaphthene
Concen: 20.88 ng/ul
RT: 14.64 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Tgt Ion:153 Resp: 516666

Ion	Ratio	Lower	Upper
153	100		
152	47.9	37.9	56.9
154	88.0	71.6	107.4



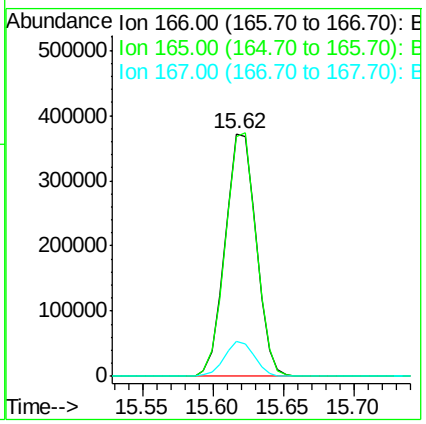


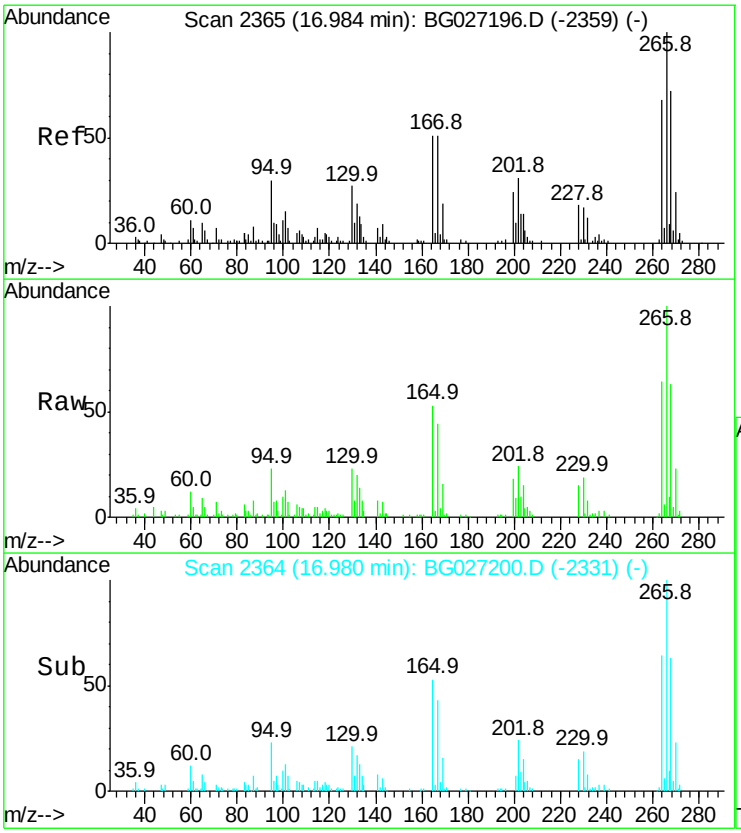
#11
Fluorene
Concen: 20.00 ng/ul
RT: 15.62 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 566757

Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.0	120.0
167	14.5	11.6	17.4

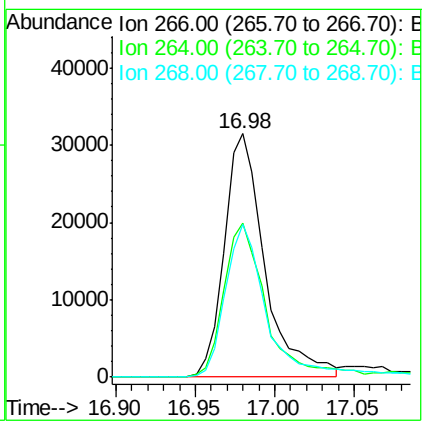


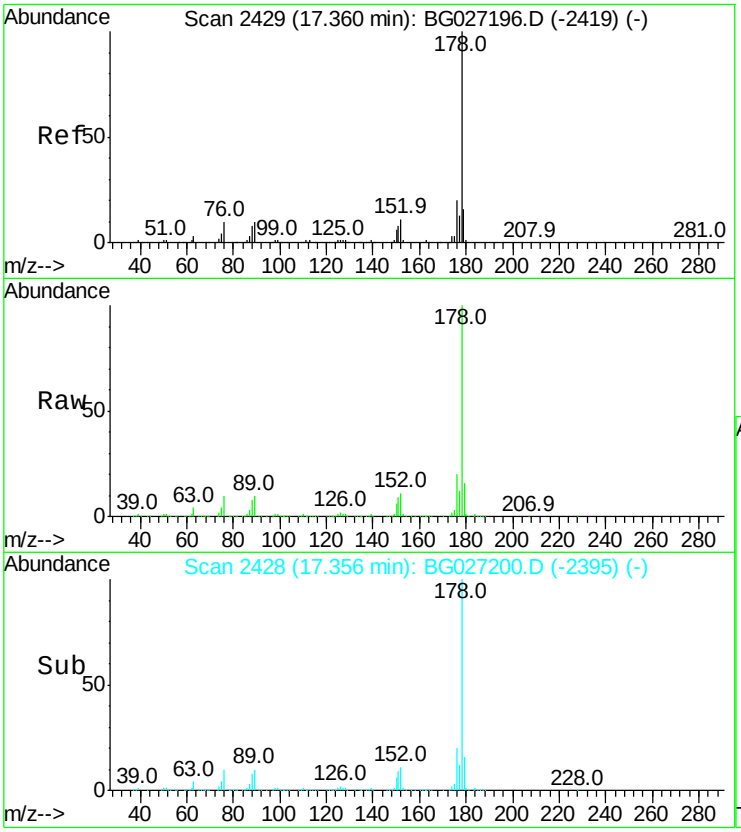


#13
Pentachlorophenol
Concen: 16.59 ng/uL
RT: 16.98 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Tgt Ion:266 Resp: 55723

Ion	Ratio	Lower	Upper
266	100		
264	63.5	52.0	78.0
268	62.7	51.2	76.8



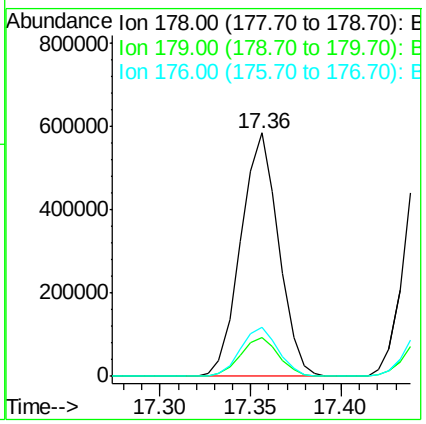


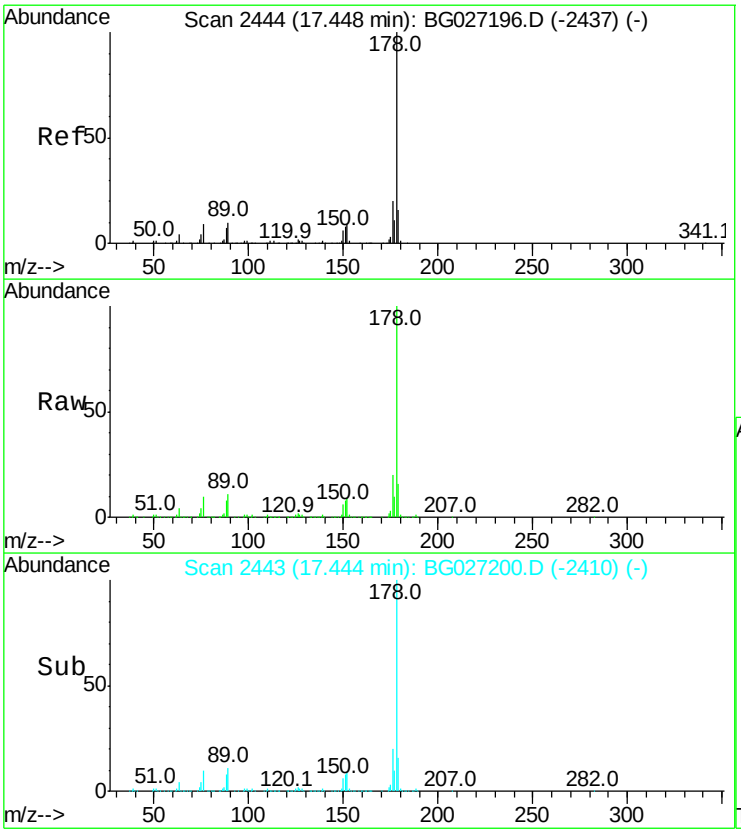
#14
Phenanthrene
Concen: 19.56 ng/ul
RT: 17.36 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 844520

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	20.3	16.4	24.6

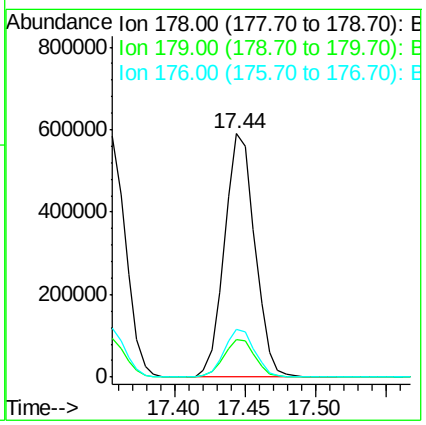


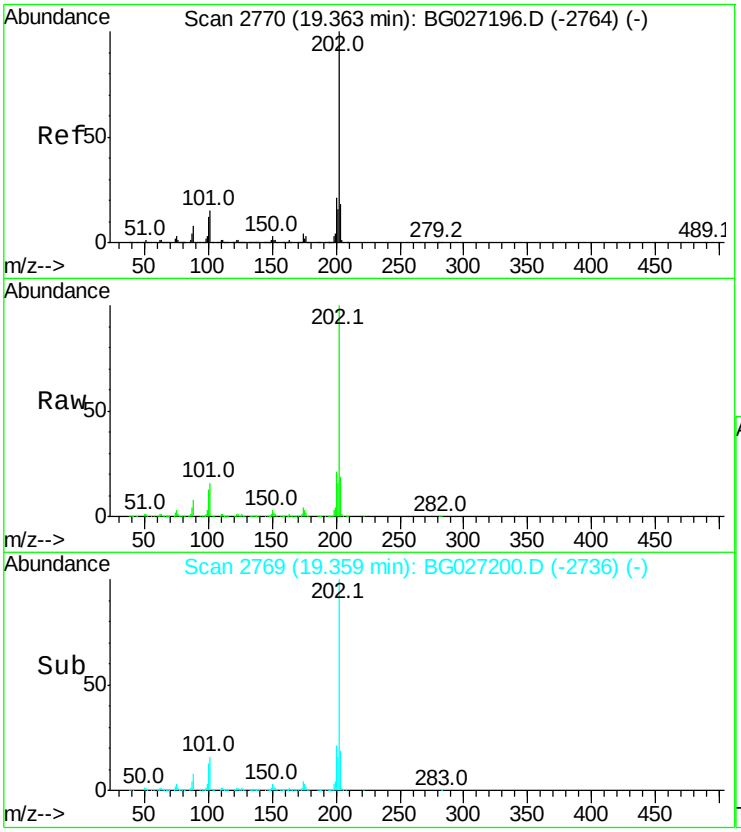


#16
Anthracene
Concen: 19.59 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Tgt Ion:178 Resp: 880885

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.7	19.1
176	19.7	15.8	23.8



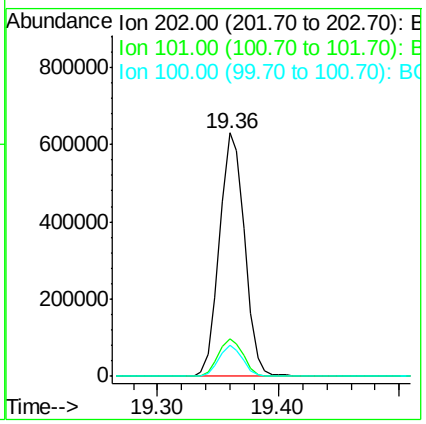


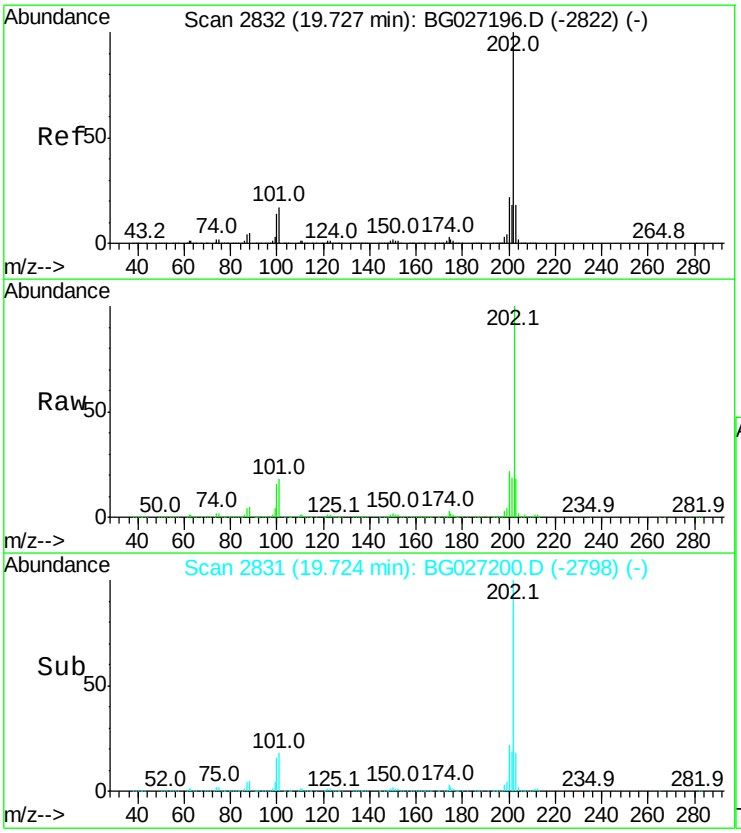
#17
Fluoranthene
Concen: 21.28 ng/ul
RT: 19.36 min Scan# 2769
Delta R.T. -0.00 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 904109

Ion	Ratio	Lower	Upper
202	100		
101	15.6	9.8	14.8#
100	12.9	7.5	11.3#

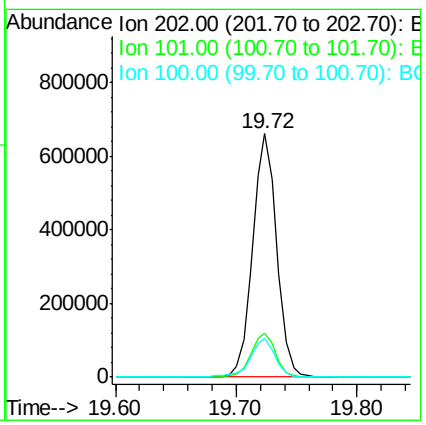


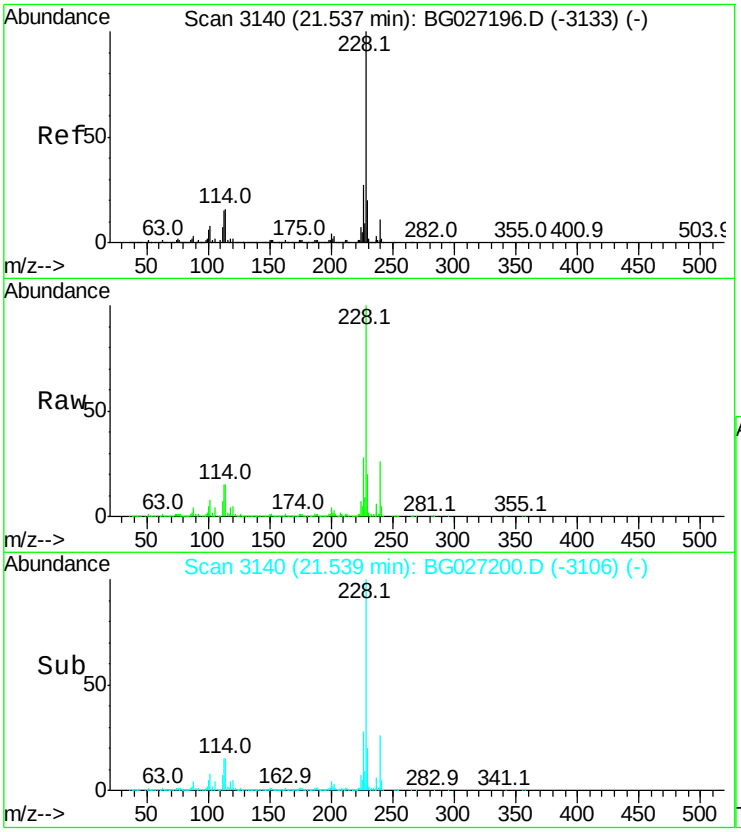


#20
Pyrene
Concen: 19.60 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Tgt Ion:202 Resp: 910791

Ion	Ratio	Lower	Upper
202	100		
101	18.2	11.2	16.8#
100	16.1	9.8	14.6#



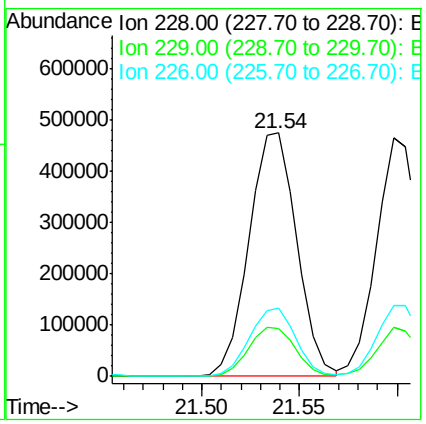


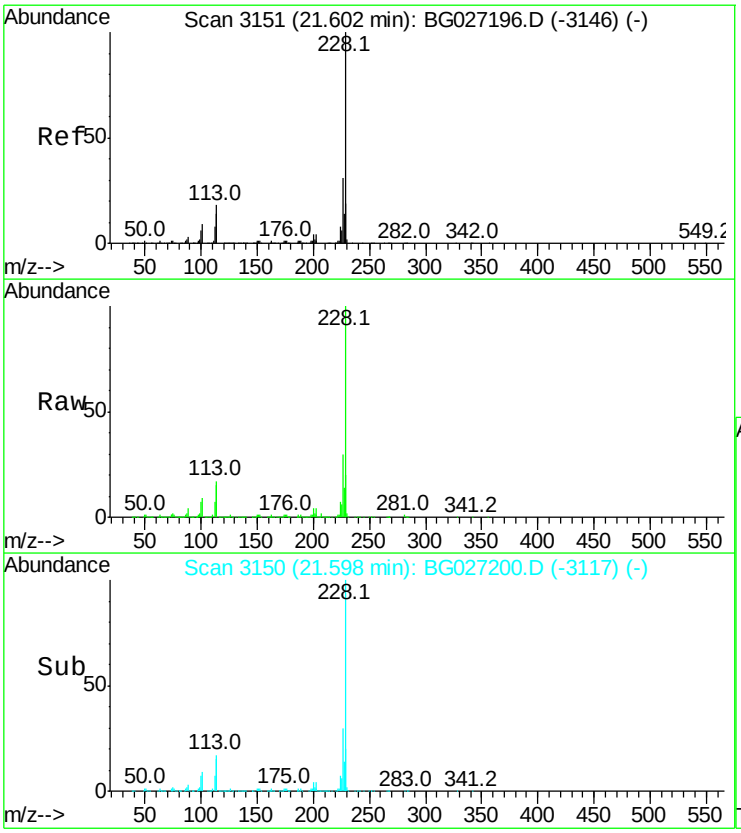
#21
Benzo(a)anthracene
Concen: 20.25 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 803662

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.9	23.9
226	27.8	22.1	33.1

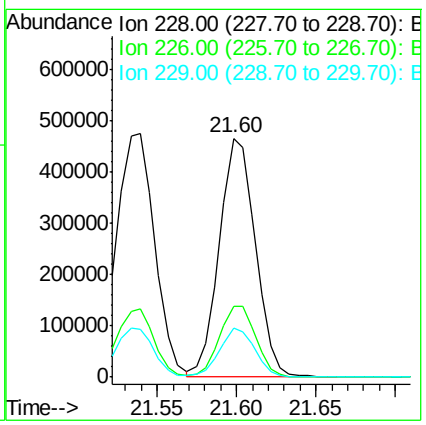


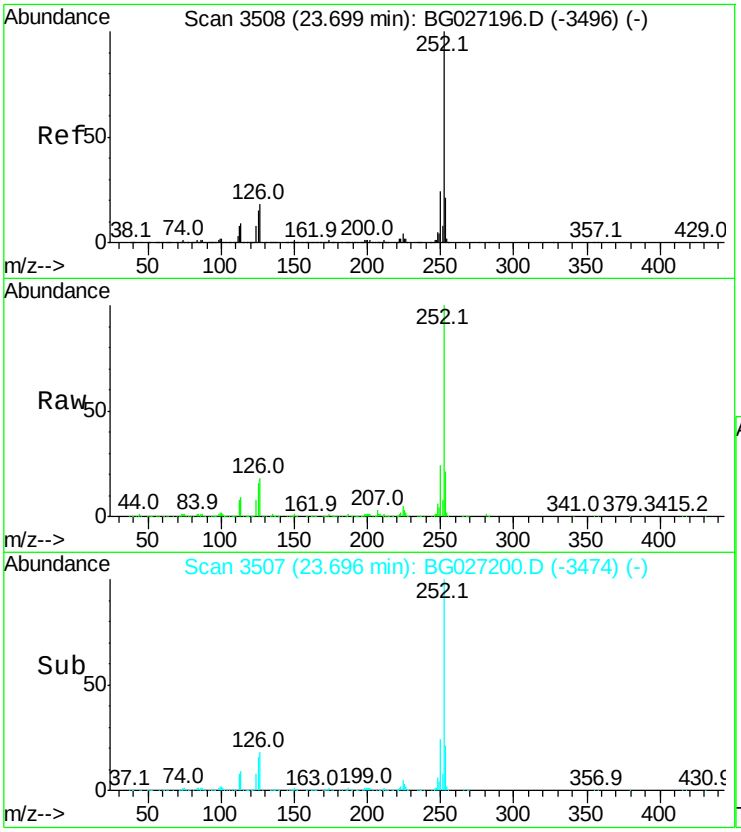


#22
Chrysene
Concen: 20.37 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Tgt Ion:228 Resp: 732230

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	20.4	16.6	25.0



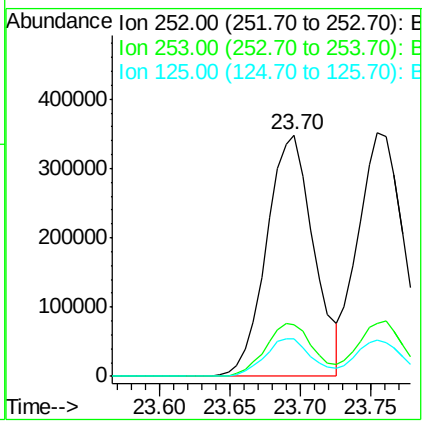


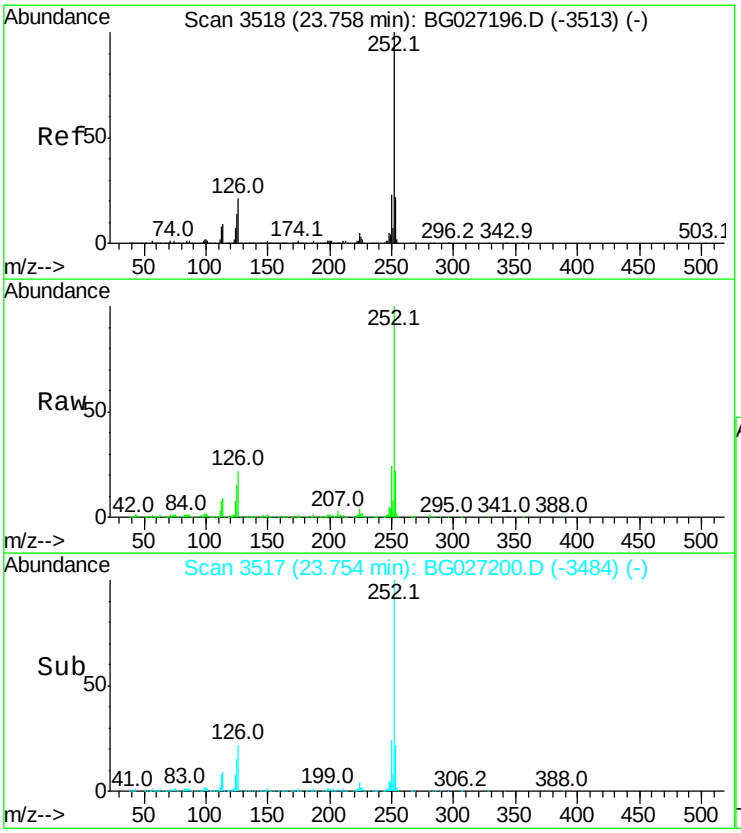
#24
Benzo(b)fluoranthene
Concen: 21.38 ng/ul
RT: 23.70 min Scan# 3507
Delta R.T. -0.00 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 811929

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	15.6	9.4	14.0#

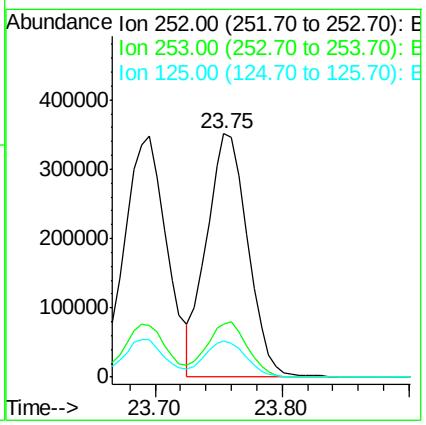


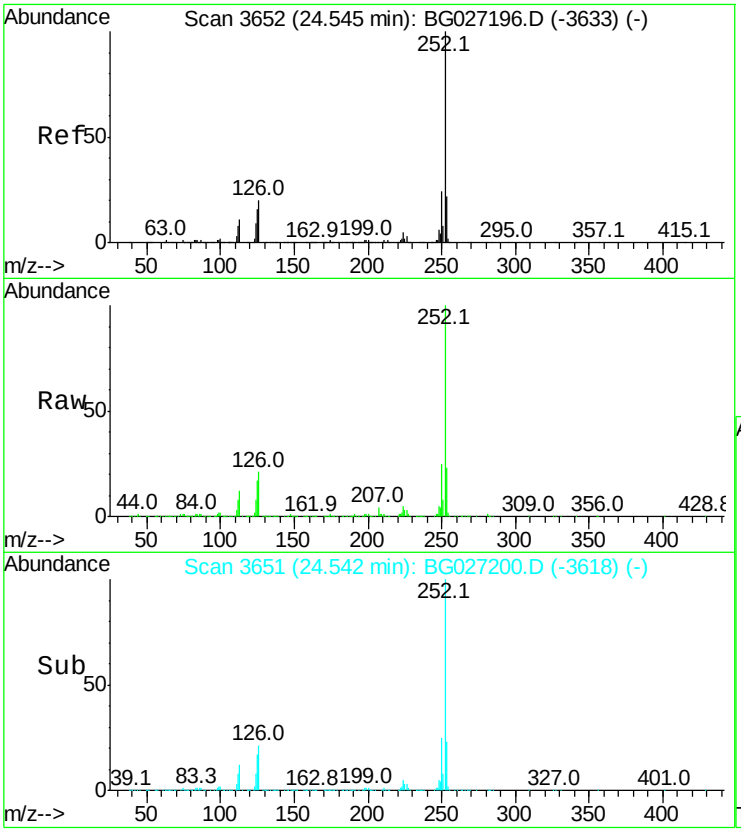


#25
Benzo(k)fluoranthene
Concen: 21.44 ng/ul
RT: 23.75 min Scan# 3517
Delta R.T. -0.00 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Tgt Ion:252 Resp: 788247

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	14.9	8.8	13.2#



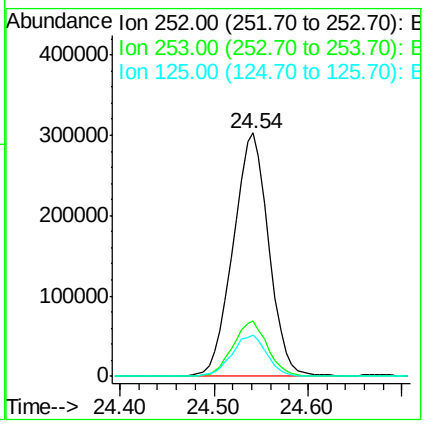


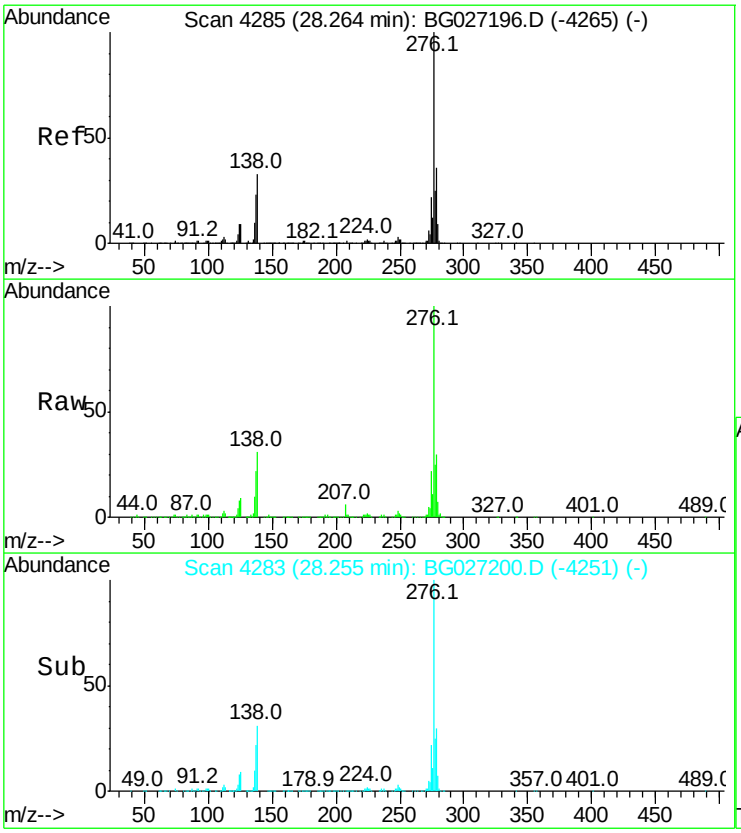
#27
Benzo(a)pyrene
Concen: 21.92 ng/ul
RT: 24.54 min Scan# 3651
Delta R.T. -0.00 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 787464

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	17.0	9.4	14.2#

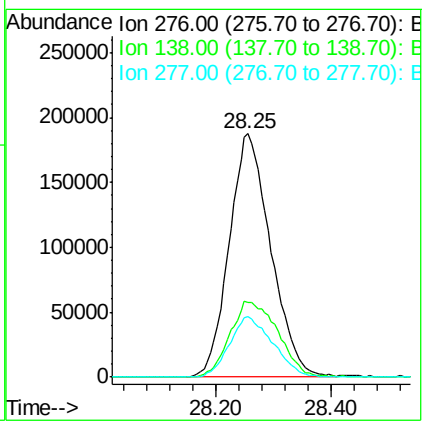


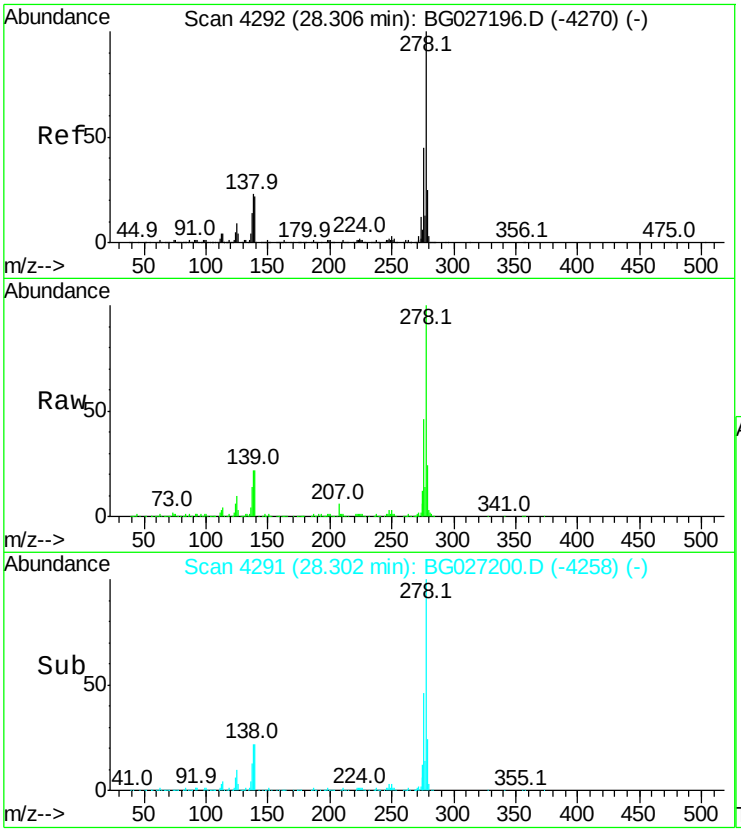


#28
Indeno(1,2,3-cd)pyrene
Concen: 19.77 ng/ul
RT: 28.25 min Scan# 4283
Delta R.T. -0.01 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Tgt Ion:276 Resp: 935337

Ion	Ratio	Lower	Upper
276	100		
138	30.8	17.8	26.6#
277	25.1	19.4	29.0





#29
Dibenzo(a,h)anthracene
Concen: 19.72 ng/ul
RT: 28.30 min Scan# 4291
Delta R.T. -0.00 min
Lab File: BG027200.D
Acq: 30 May 2017 9:13

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 781077

Ion	Ratio	Lower	Upper
278	100		
139	21.8	14.0	21.0#
279	24.3	20.6	31.0