Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
Data File : BG029140.D
Acq On : 10 Oct 2017 14:24
Operator : SJ/JU
Sample : I5576-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAH96

Quant Time: Oct 11 04:17:07 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:15:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	43692	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	186726	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	122574	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	285380	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	306159	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	312951	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	375793	29.48	ng/ul	0.00
10) Fluorene-d10	15.82	176	284983	30.82	ng/ul	0.00
14) Anthracene-d10	17.67	188	413047	29.88	ng/ul	0.00
18) Pyrene-d10	19.93	212	489054	31.22	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	463726	30.93	ng/ul	0.00
Target Compounds						Qvalue
4) 2-Methylnaphthalene	12.67	142	8205	1.112	ng/ul	81
5) 1-Methylnaphthalene	12.90	142	7457	1.059	ng/ul#	65
13) Phenanthrene	17.61	178	45445	2.985	ng/ul	97
16) Fluoranthene	19.60	202	92317	5.174	ng/ul#	87
19) Pyrene	19.96	202	79374	4.159	ng/ul#	89
20) Benzo(a)anthracene	21.83	228	54196	3.006	ng/ul	93
21) Chrysene	21.89	228	67773	4.105	ng/ul	96
23) Benzo(b)fluoranthene	24.13	252	103207	5.513	ng/ul#	96
24) Benzo(k)fluoranthene	24.13	252	108622	5.945	ng/ul#	96
26) Benzo(a)pyrene	25.04	252	60313	3.317	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	29.04	276	43839	2.124	ng/ul#	92

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

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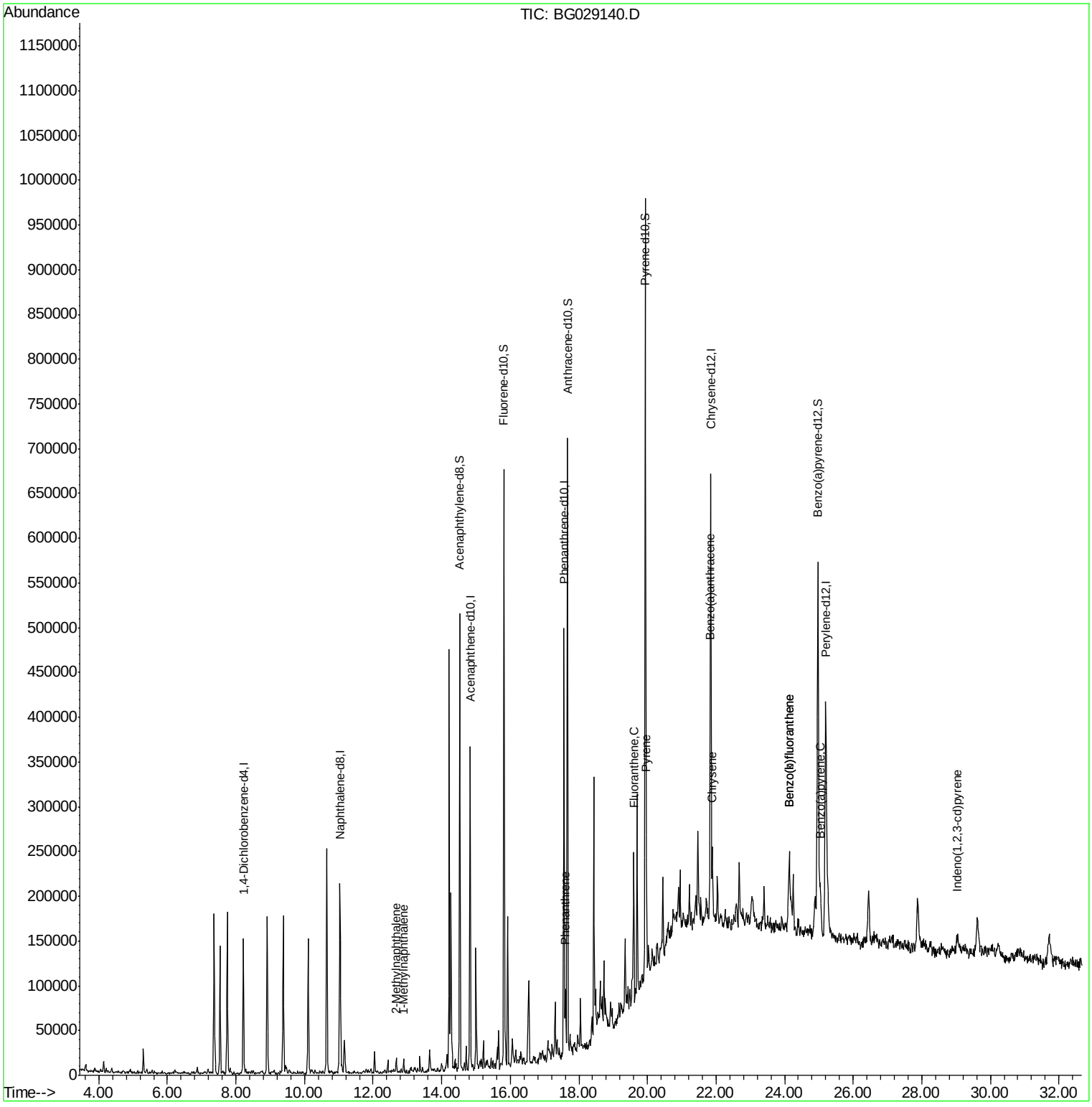
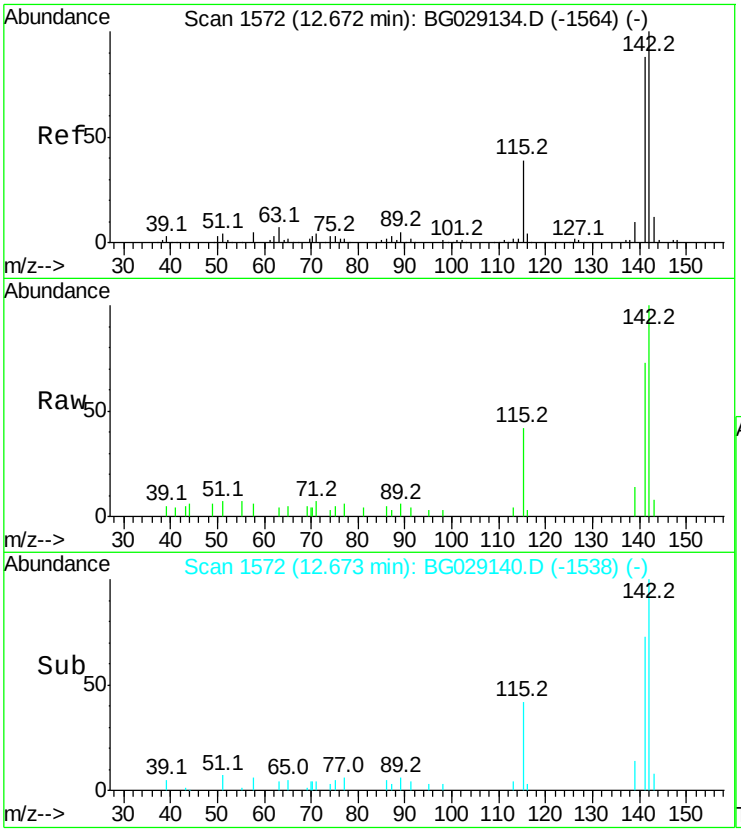


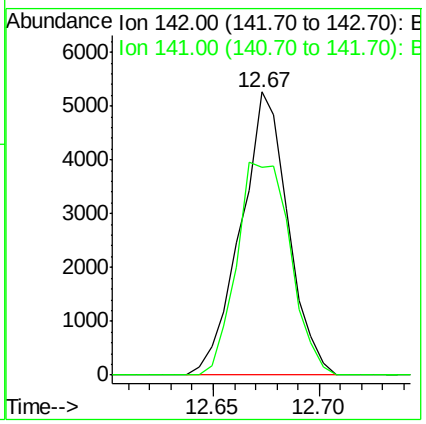


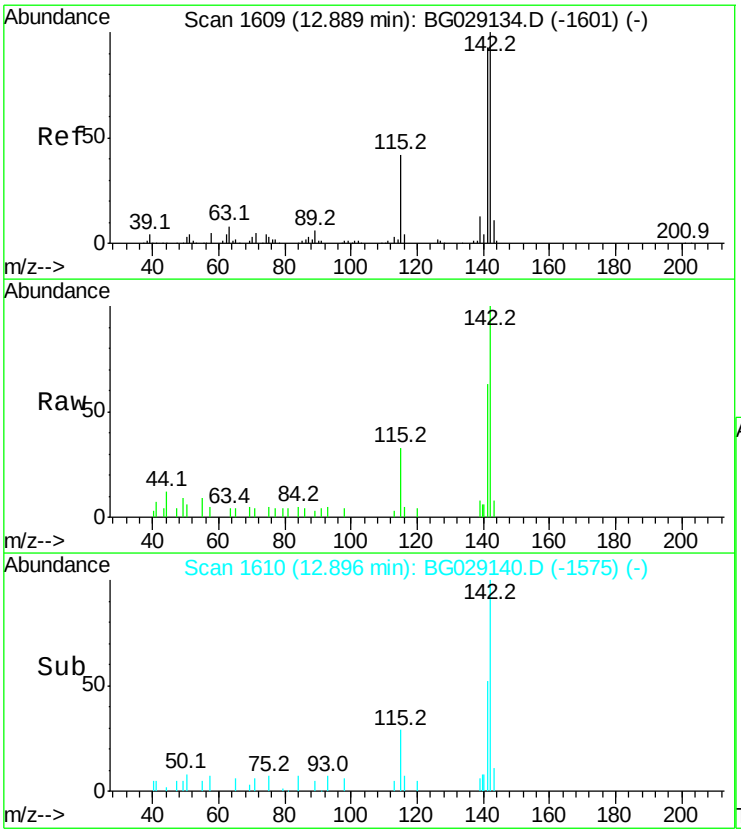
#4
2-Methylnaphthalene
Concen: 1.112 ng/ul
RT: 12.67 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BG029140.D
Acq: 10 Oct 2017 14:24

Instrument :
BNA_G
ClientSampleId :
DAH96

Tgt Ion:142 Resp: 8205

Ion	Ratio	Lower	Upper
142	100		
141	73.3	72.7	109.1

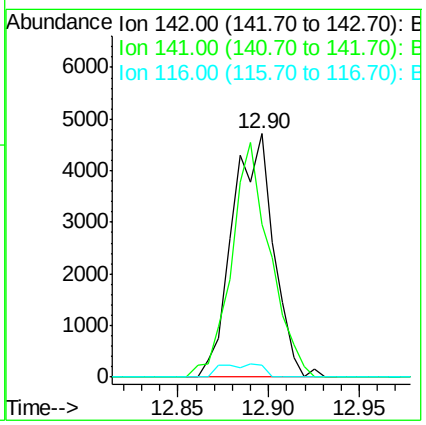


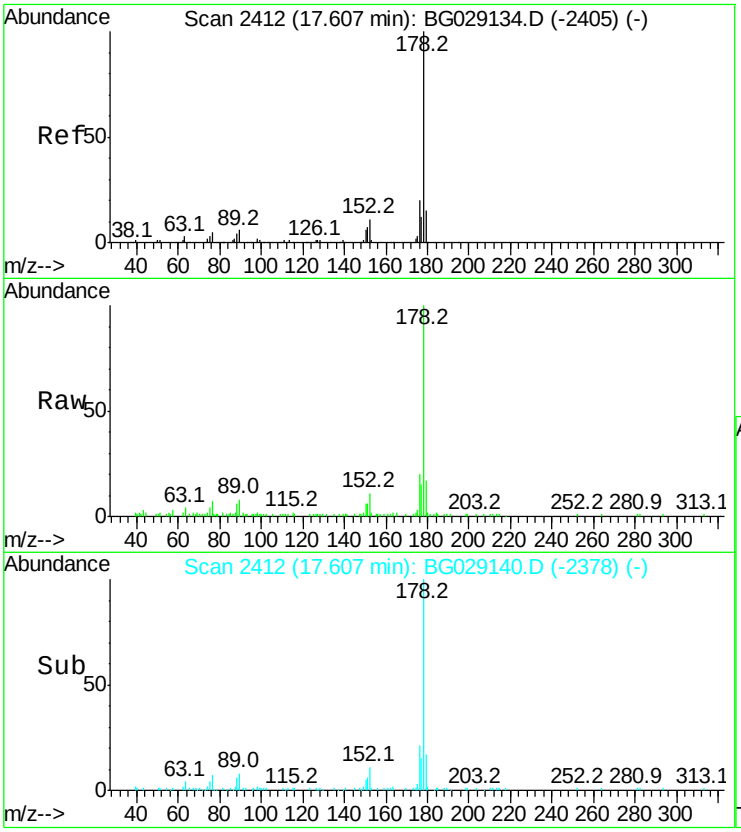


#5
1-Methylnaphthalene
Concen: 1.059 ng/ul
RT: 12.90 min Scan# 1610
Delta R.T. 0.01 min
Lab File: BG029140.D
Acq: 10 Oct 2017 14:24

Tgt Ion:142 Resp: 7457

Ion	Ratio	Lower	Upper
142	100		
141	62.5	79.3	118.9#
116	4.7	4.2	6.2



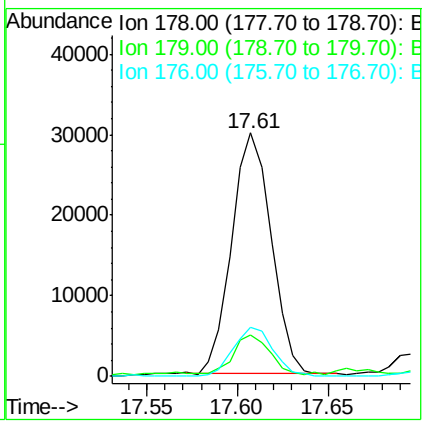


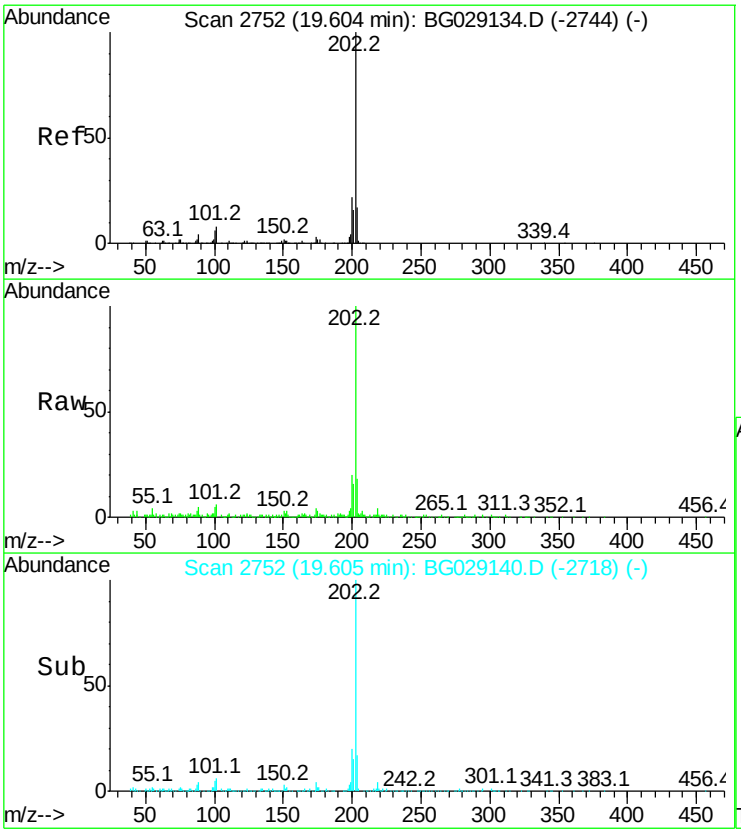
#13
Phenanthrene
Concen: 2.985 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029140.D
Acq: 10 Oct 2017 14:24

Instrument :
BNA_G
ClientSampleId :
DAH96

Tgt Ion:178 Resp: 45445

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.3	18.5
176	20.4	15.1	22.7

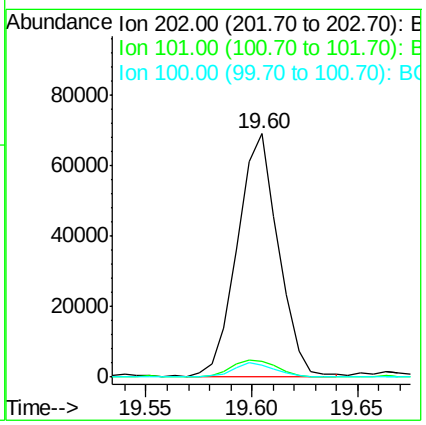


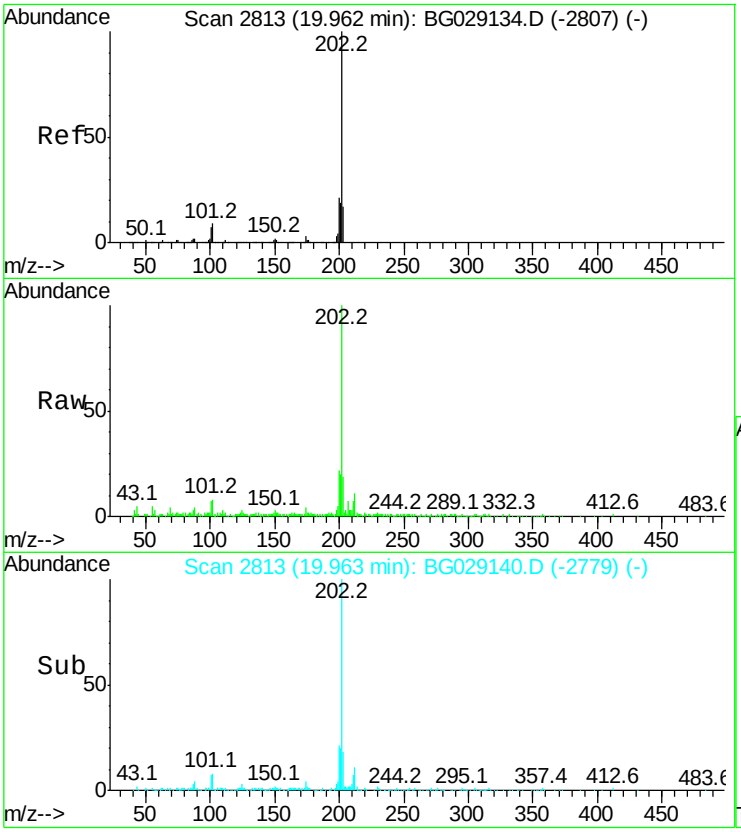


#16
Fluoranthene
Concen: 5.174 ng/ul
RT: 19.60 min Scan# 2752
Delta R.T. 0.00 min
Lab File: BG029140.D
Acq: 10 Oct 2017 14:24

Tgt Ion:202 Resp: 92317

Ion	Ratio	Lower	Upper
202	100		
101	6.5	9.9	14.9#
100	5.1	7.4	11.0#



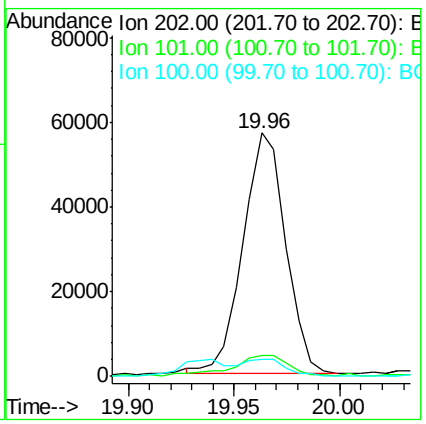


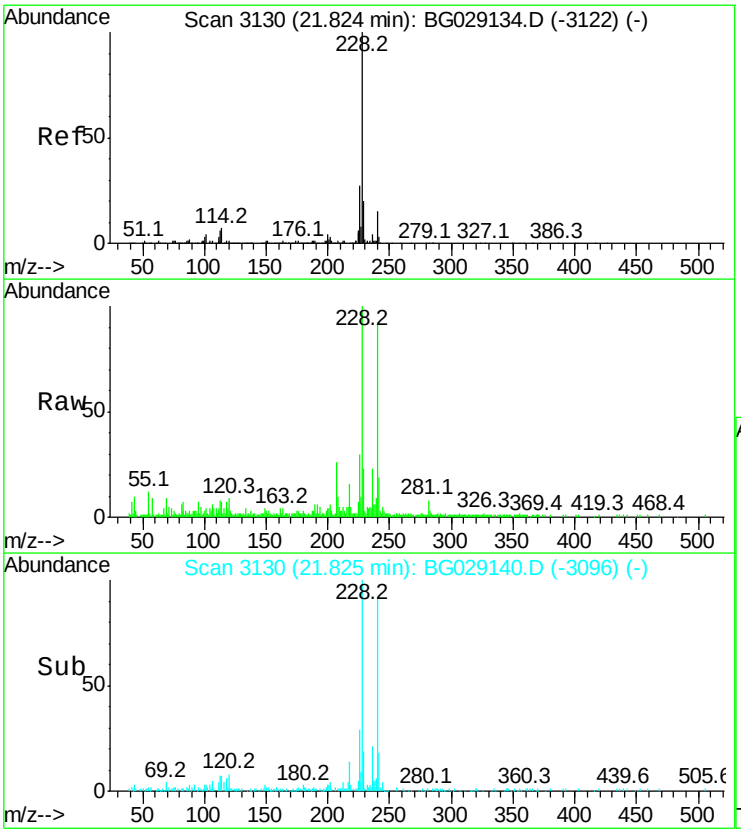
#19
Pyrene
Concen: 4.159 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. 0.00 min
Lab File: BG029140.D
Acq: 10 Oct 2017 14:24

Instrument :
BNA_G
ClientSampleId :
DAH96

Tgt Ion:202 Resp: 79374

Ion	Ratio	Lower	Upper
202	100		
101	8.4	11.0	16.4#
100	7.1	8.1	12.1#

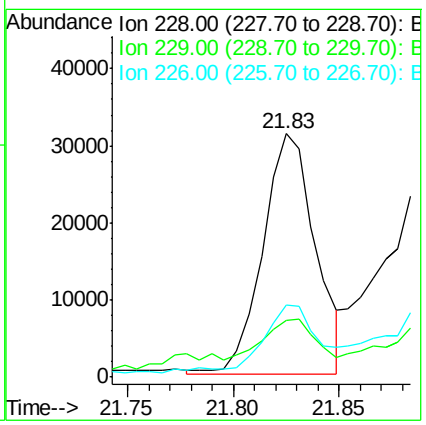


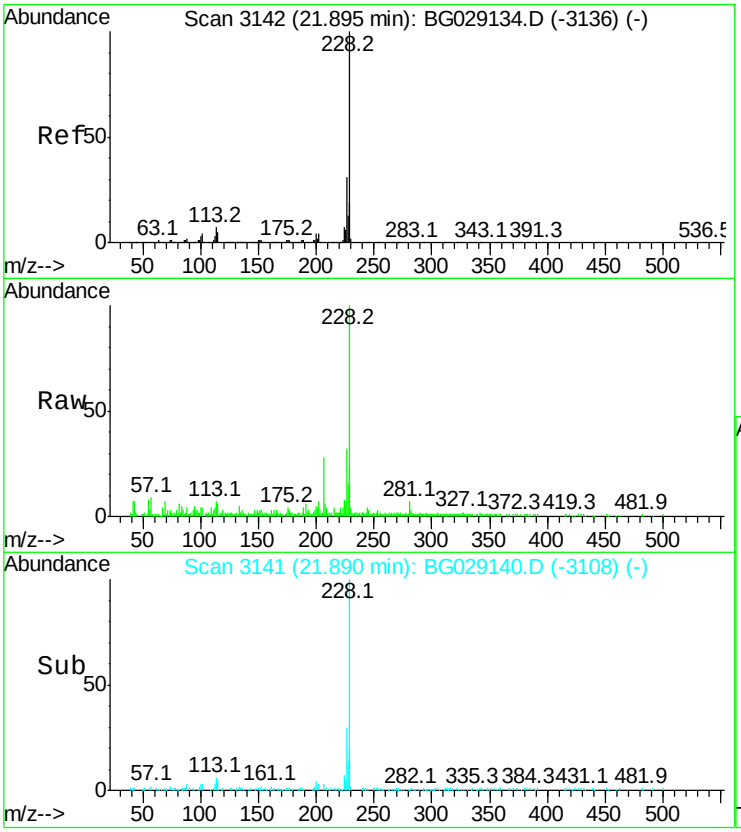


#20
Benzo(a)anthracene
Concen: 3.006 ng/ul
RT: 21.83 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BG029140.D
Acq: 10 Oct 2017 14:24

Tgt Ion:228 Resp: 54196

Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.7	23.5
226	29.8	21.1	31.7



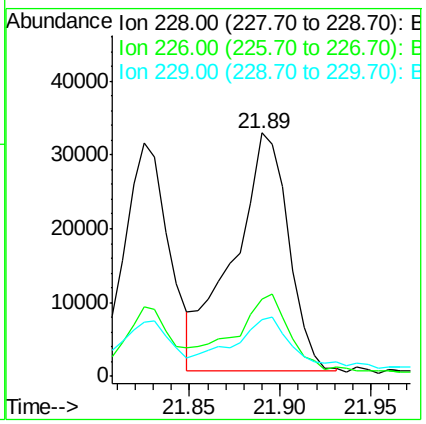


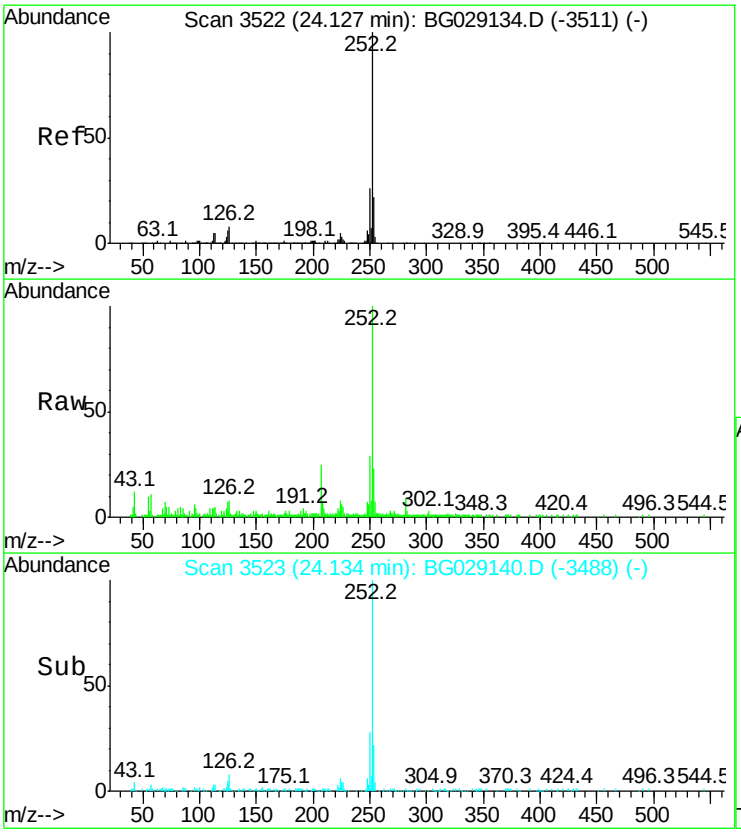
#21
Chrysene
Concen: 4.105 ng/ul
RT: 21.89 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG029140.D
Acq: 10 Oct 2017 14:24

Instrument :
BNA_G
ClientSampleId :
DAH96

Tgt Ion:228 Resp: 67773

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.5	36.7
229	23.3	15.8	23.8

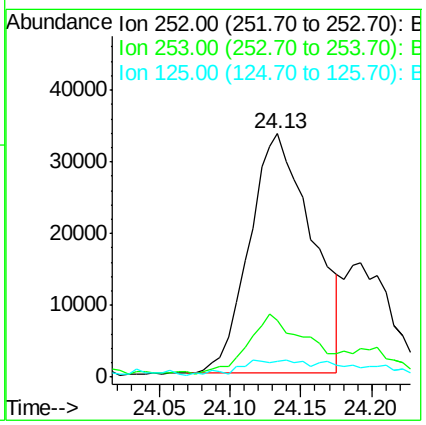


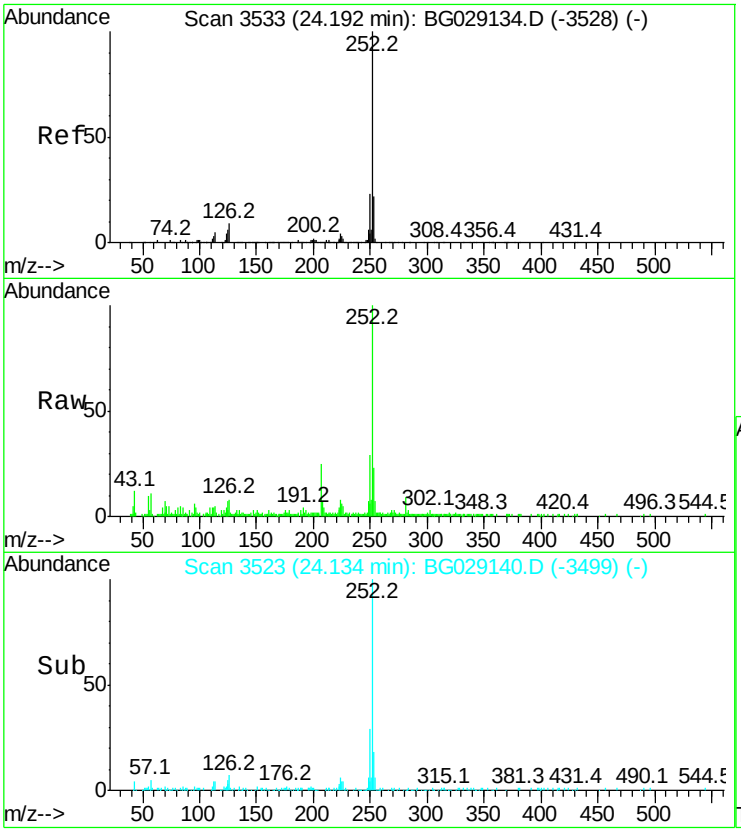


#23
Benzo(b)fluoranthene
Concen: 5.513 ng/ul
RT: 24.13 min Scan# 3523
Delta R.T. 0.01 min
Lab File: BG029140.D
Acq: 10 Oct 2017 14:24

Tgt Ion:252 Resp: 103207

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	6.7	8.0	12.0#



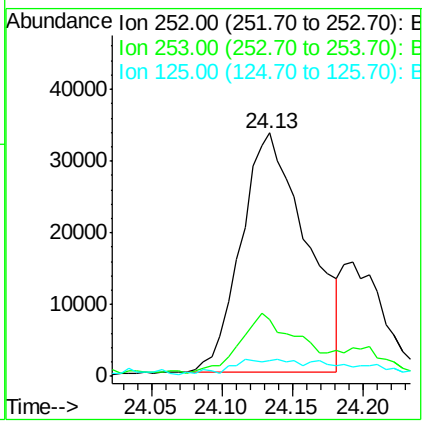


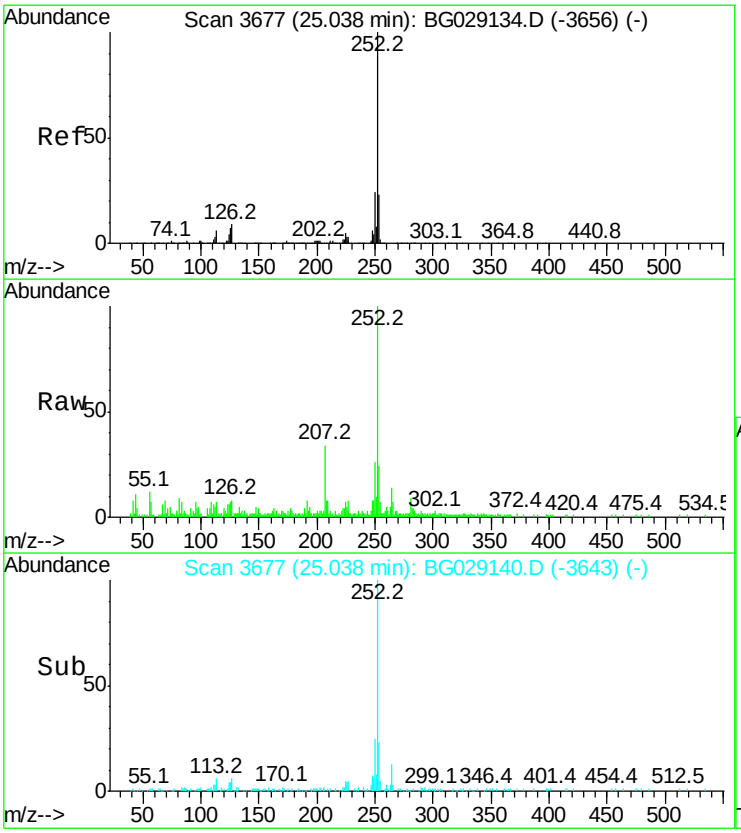
#24
Benzo(k)fluoranthene
Concen: 5.945 ng/ul
RT: 24.13 min Scan# 3523
Delta R.T. -0.06 min
Lab File: BG029140.D
Acq: 10 Oct 2017 14:24

Instrument :
BNA_G
ClientSampleId :
DAH96

Tgt Ion:252 Resp: 108622

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	6.7	8.1	12.1#

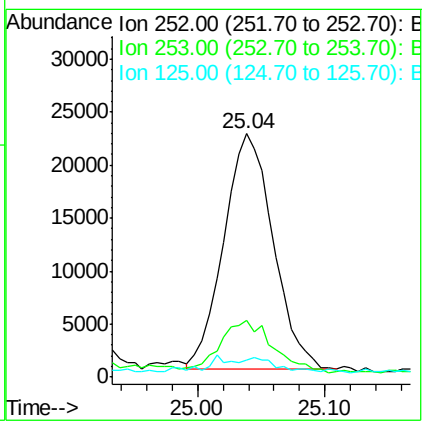


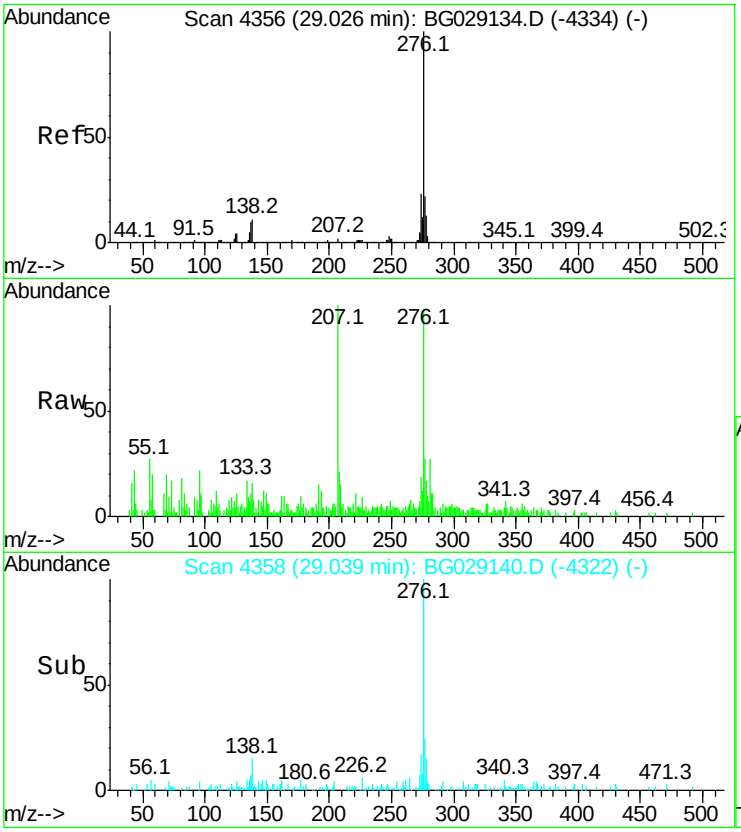


#26
Benzo(a)pyrene
Concen: 3.317 ng/ul
RT: 25.04 min Scan# 3677
Delta R.T. 0.00 min
Lab File: BG029140.D
Acq: 10 Oct 2017 14:24

Tgt Ion:252 Resp: 60313

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	7.2	8.2	12.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.124 ng/ul
RT: 29.04 min Scan# 4358
Delta R.T. 0.01 min
Lab File: BG029140.D
Acq: 10 Oct 2017 14:24

Instrument :
BNA_G
ClientSampleId :
DAH96

Tgt Ion:276 Resp: 43839

Ion	Ratio	Lower	Upper
276	100		
138	16.3	14.4	21.6
277	27.9	18.0	27.0#