Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\

Quantitation Report (Not Reviewed)

Data File : BG027546.D
Acq On : 20 Jun 2017 2:16
Operator : SJ/MA
Sample : I3627-15 25X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5A88

Quant Time: Jun 20 03:30:00 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	32443	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	167666	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	111673	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	257649	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	286408	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	271368	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.66	99	2676	0.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.84	67	1723	0.72	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	2098	0.90	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	2450	0.89	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	985	0.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	941	0.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	2213	0.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	1653	0.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	8823	0.94	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	9616	0.89	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	586	0.32	ng/ul	0.01
57) Fluorene-d10	16.09	176	8737	1.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	461	0.29	ng/ul	0.00
70) Anthracene-d10	17.95	188	13221	1.10	ng/ul	0.00
76) Pyrene-d10	20.22	212	15256	1.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.62	264	12986	1.06	ng/ul	0.00
Target Compounds						Qvalue
69) Phenanthrene	17.90	178	48450	3.50	ng/ul	96
71) Anthracene	17.99	178	98118	6.97	ng/ul	97
72) Carbazole	18.25	167	12173	1.01	ng/ul	99
74) Fluoranthene	19.89	202	669237	42.96	ng/ul#	88
77) Pyrene	20.25	202	640211	37.82	ng/ul#	87
80) Benzo(a)anthracene	22.21	228	267857	16.79	ng/ul	98
82) Chrysene	22.28	228	286274	19.87	ng/ul	99
85) Benzo(b)fluoranthene	24.72	252	304688	18.85	ng/ul#	93
86) Benzo(k)fluoranthene	24.72	252	304688	19.61	ng/ul#	95
88) Benzo(a)pyrene	25.71	252	131054	8.45	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	30.08	276	71595	4.04	ng/ul#	89
90) Dibenzo(a,h)anthracene	30.13	278	22470	1.48	ng/ul#	92
91) Benzo(g,h,i)perylene	31.40	276	47172	3.25	ng/ul#	95

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

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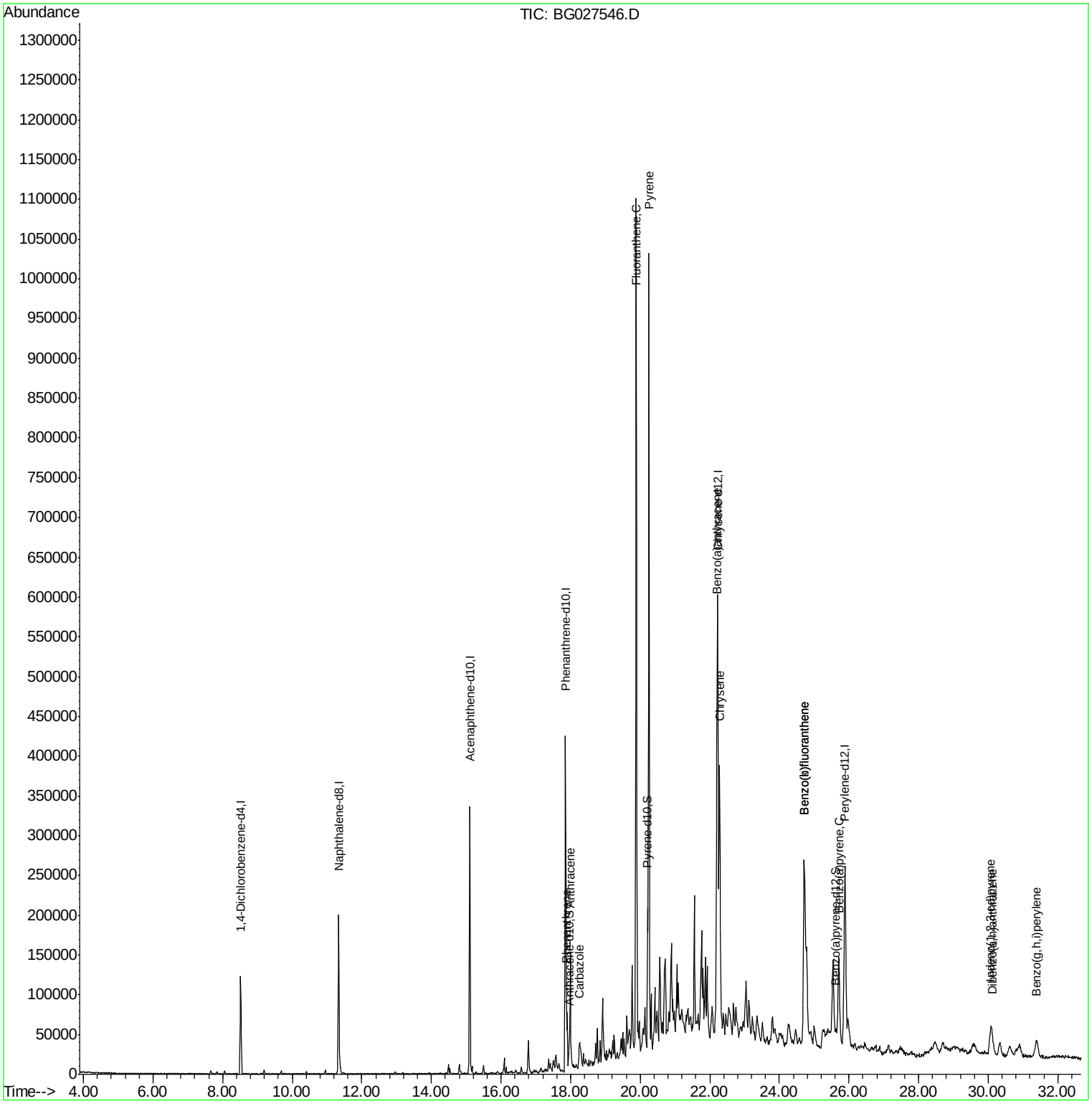
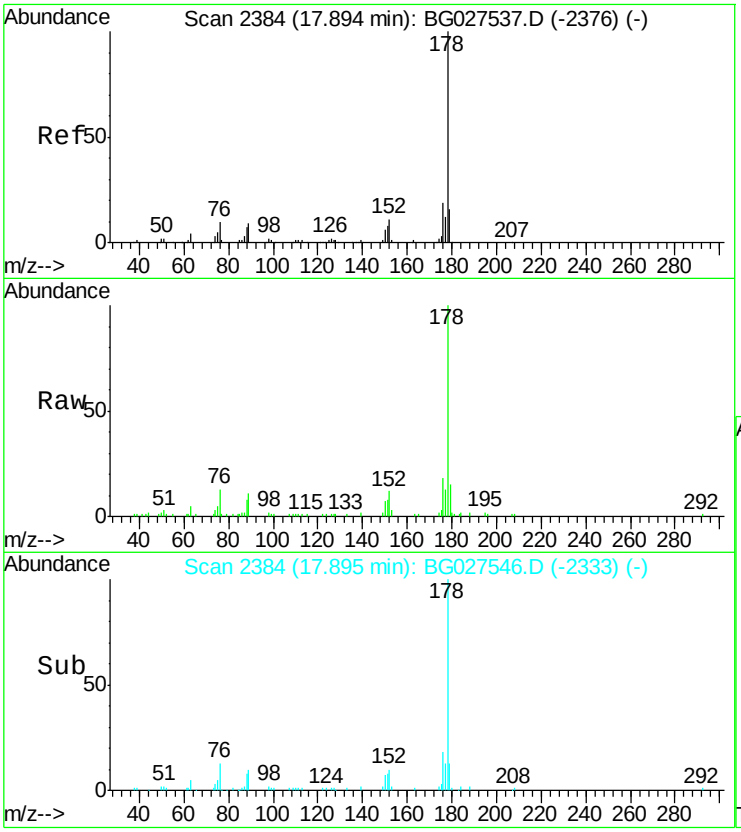


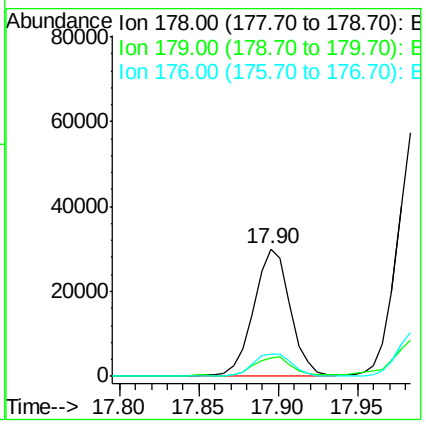


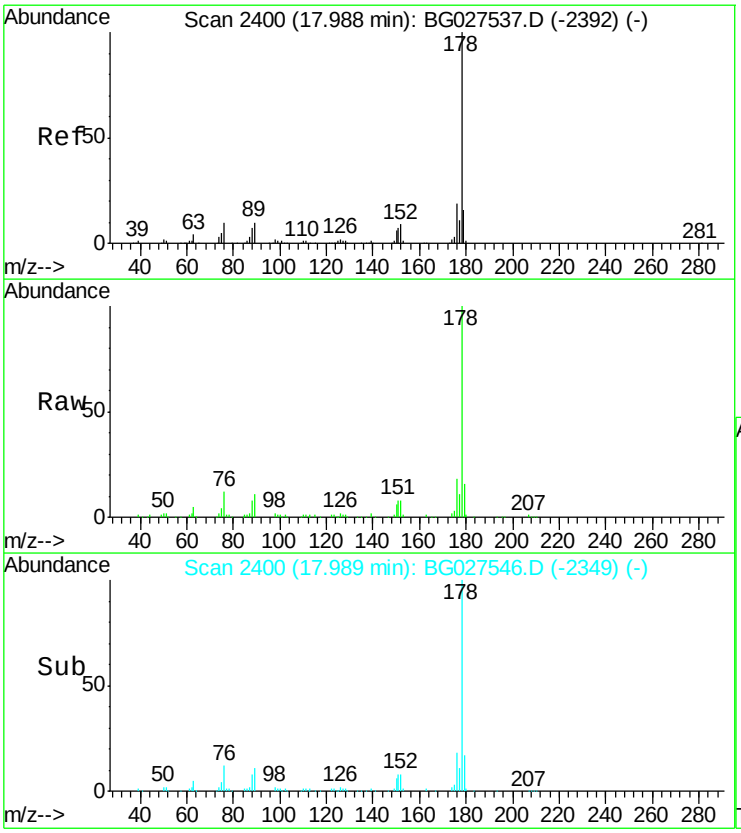
#69
Phenanthrene
Concen: 3.50 ng/ul
RT: 17.90 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BG027546.D
Acq: 20 Jun 2017 2:16

Instrument :
BNA_G
ClientSampleId :
F5A88

Tgt Ion:178 Resp: 48450

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.4	18.6
176	17.8	16.5	24.7

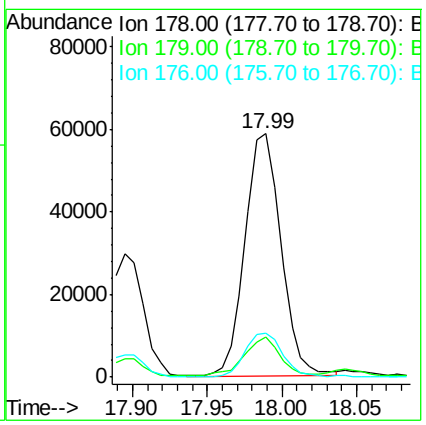


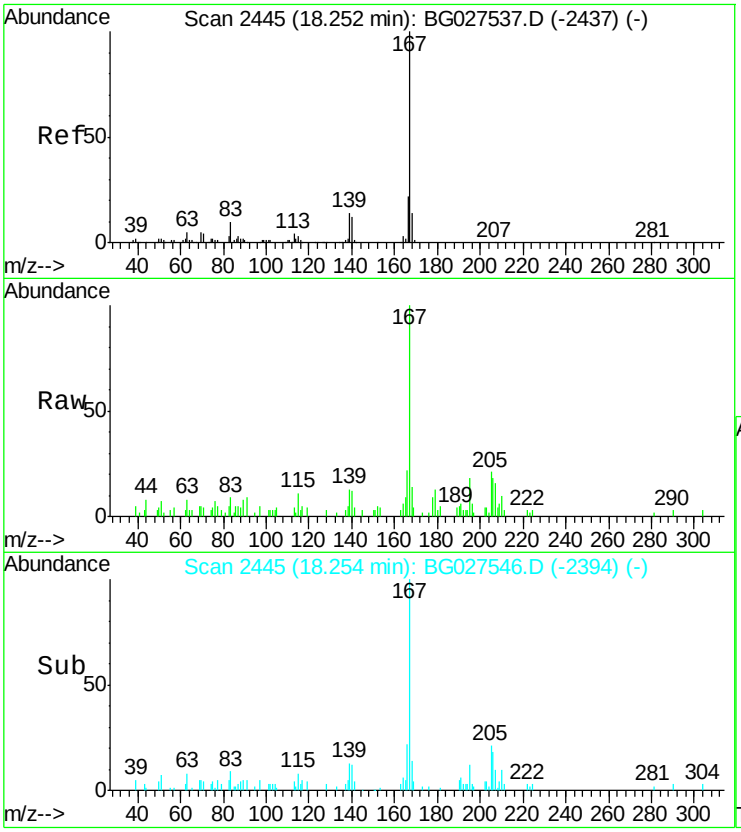


#71
Anthracene
Concen: 6.97 ng/ul
RT: 17.99 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BG027546.D
Acq: 20 Jun 2017 2:16

Tgt Ion:178 Resp: 98118

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.6	19.0
176	18.2	15.9	23.9



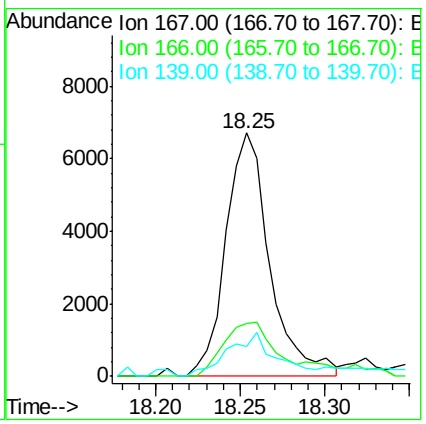


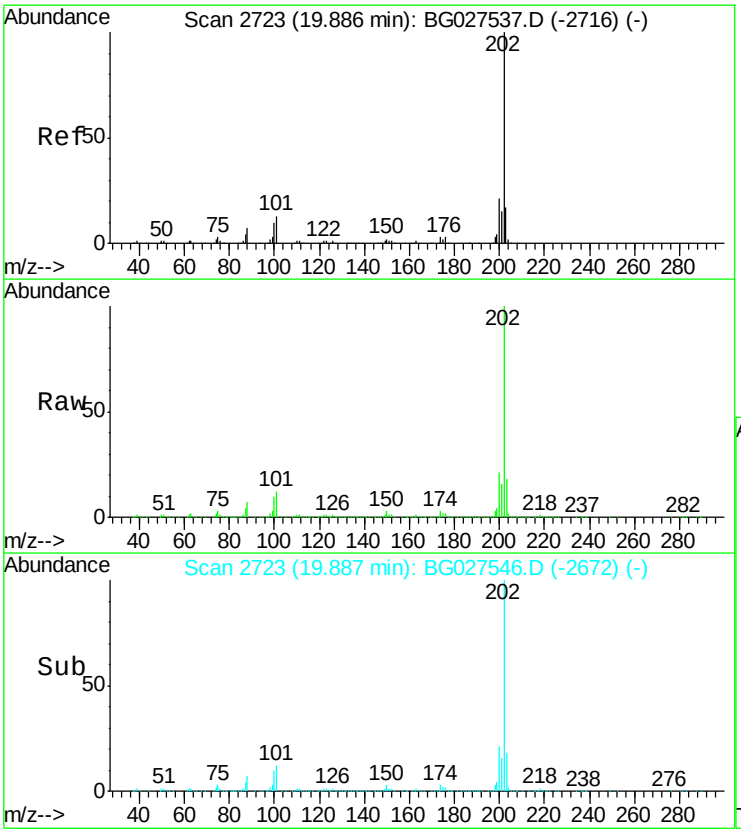
#72
Carbazole
Concen: 1.01 ng/ul
RT: 18.25 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG027546.D
Acq: 20 Jun 2017 2:16

Instrument :
BNA_G
ClientSampleId :
F5A88

Tgt Ion:167 Resp: 12173

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	12.5	10.5	15.7

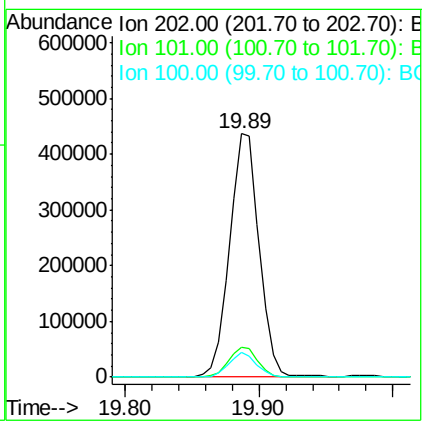


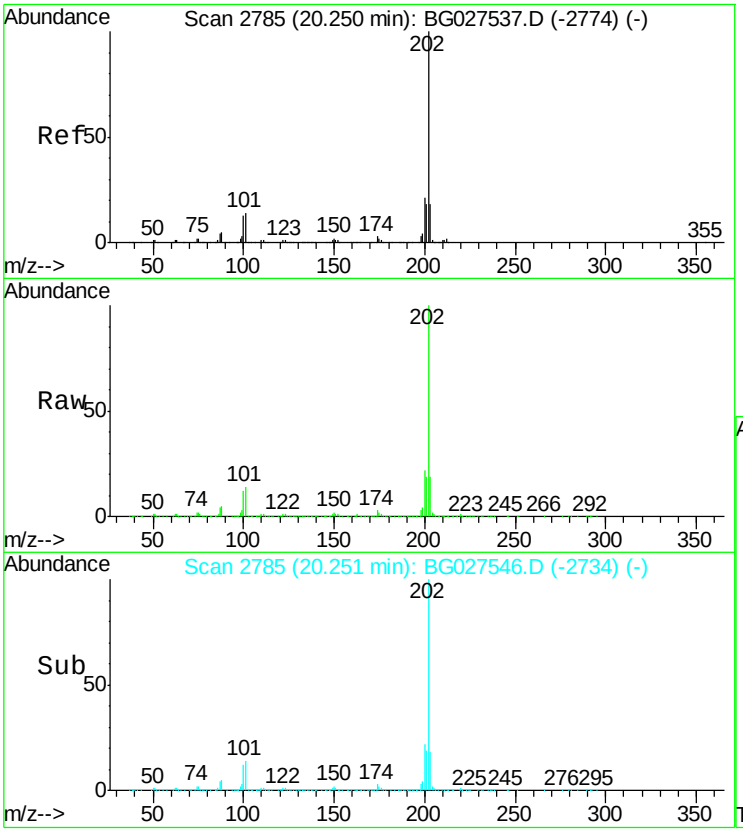


#74
Fluoranthene
Concen: 42.96 ng/ul
RT: 19.89 min Scan# 2723
Delta R.T. 0.00 min
Lab File: BG027546.D
Acq: 20 Jun 2017 2:16

Tgt Ion:202 Resp: 669237

Ion	Ratio	Lower	Upper
202	100		
101	12.5	6.2	9.2#
100	9.9	5.2	7.8#



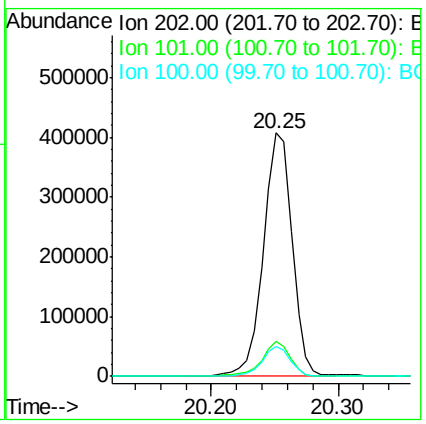


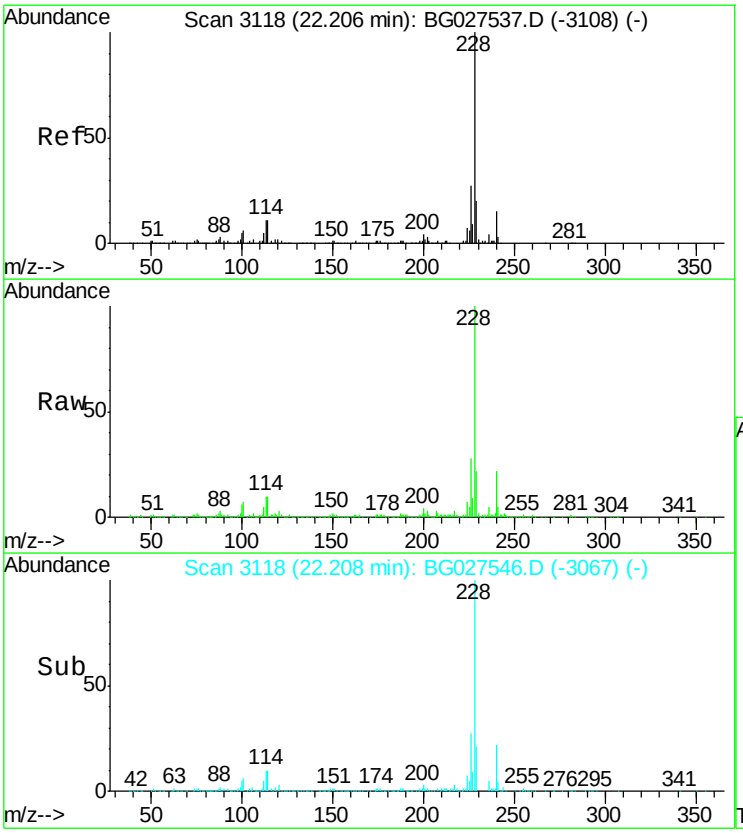
#77
Pyrene
Concen: 37.82 ng/ul
RT: 20.25 min Scan# 2785
Delta R.T. 0.00 min
Lab File: BG027546.D
Acq: 20 Jun 2017 2:16

Instrument :
BNA_G
ClientSampleId :
F5A88

Tgt Ion:202 Resp: 640211

Ion	Ratio	Lower	Upper
202	100		
101	14.4	6.9	10.3#
100	12.1	6.6	10.0#

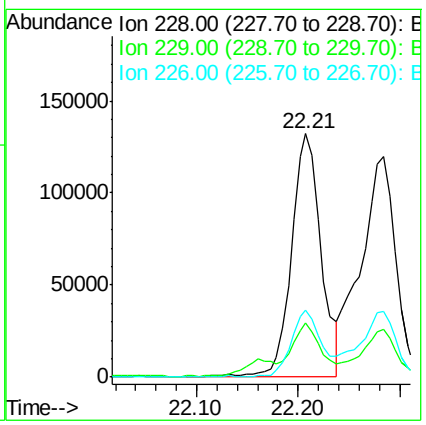


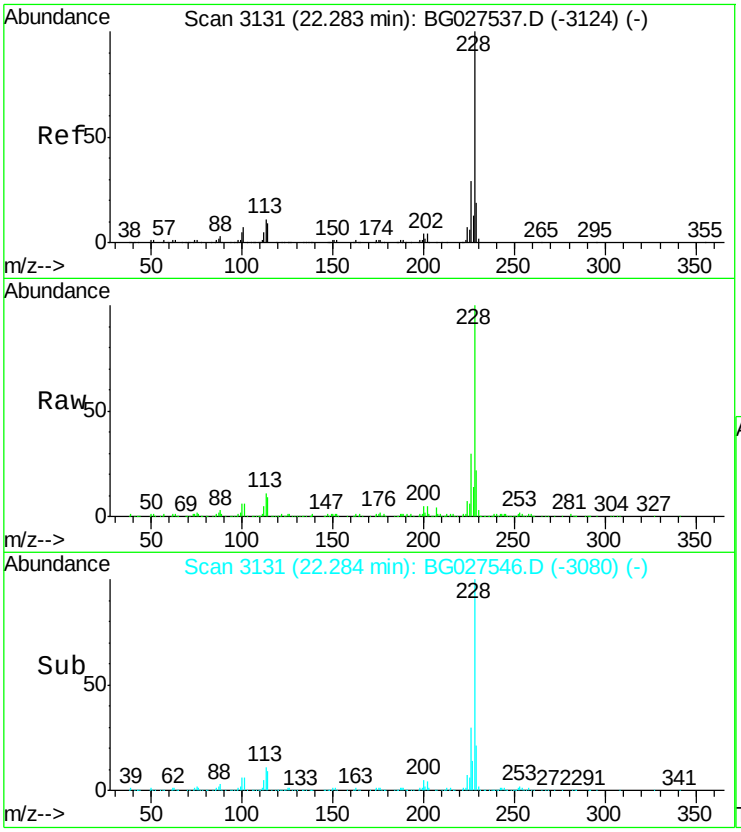


#80
Benzo(a)anthracene
Concen: 16.79 ng/ul
RT: 22.21 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BG027546.D
Acq: 20 Jun 2017 2:16

Tgt Ion:228 Resp: 267857

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.3	24.5
226	27.6	21.9	32.9



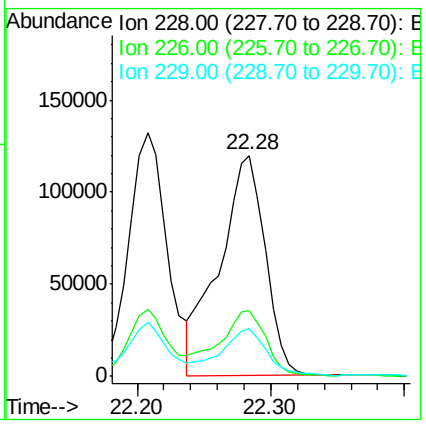


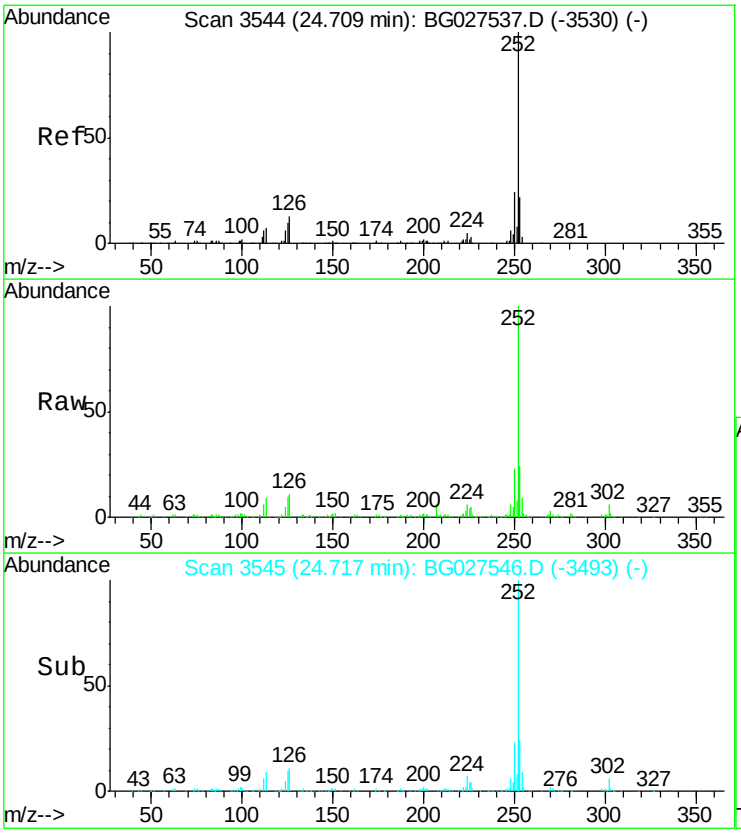
#82
Chrysene
Concen: 19.87 ng/ul
RT: 22.28 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BG027546.D
Acq: 20 Jun 2017 2:16

Instrument :
BNA_G
ClientSampleId :
F5A88

Tgt Ion:228 Resp: 286274

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	21.5	16.9	25.3





#85
Benzo(b)fluoranthene
Concen: 18.85 ng/ul
RT: 24.72 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG027546.D
Acq: 20 Jun 2017 2:16

Tgt Ion:252 Resp: 304688

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.7	26.5
125	9.7	4.0	6.0#