Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023594.D
Acq On : 10 Aug 2016 16:16
Operator : UM/SJ
Sample : H4360-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS002-0002-01

Quant Time: Aug 11 03:58:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	157034	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	717891	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	502160	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1216382	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1225341	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1213625	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	3585	0.97	ng/uL	0.00
5) Phenol-d5	7.27	99	169708	10.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	127435	12.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	129849	12.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	108433	8.78	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	65377	11.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	77077	11.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	138796	11.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	88182	6.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	510641	12.42	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	592497	12.80	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	57397	8.18	ng/ul	0.02
57) Fluorene-d10	15.78	176	483391	12.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	71304	9.14	ng/ul	0.00
70) Anthracene-d10	17.65	188	718510	13.11	ng/ul	0.00
76) Pyrene-d10	19.94	212	800506	12.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	708023	12.89	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.22	163	380762	9.35	ng/ul	98
69) Phenanthrene	17.59	178	195558	3.10	ng/ul	98
71) Anthracene	17.59	178	195558	3.04	ng/ul	97
74) Fluoranthene	19.60	202	378158	5.86	ng/ul#	94
80) Benzo(a)anthracene	21.85	228	177014	2.57	ng/ul	96
82) Chrysene	21.92	228	201336	3.21	ng/ul	99
85) Benzo(b)fluoranthene	24.18	252	134227	1.94	ng/ul#	93
88) Benzo(a)pyrene	25.11	252	156291	2.34	ng/ul#	93

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

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Instrument :
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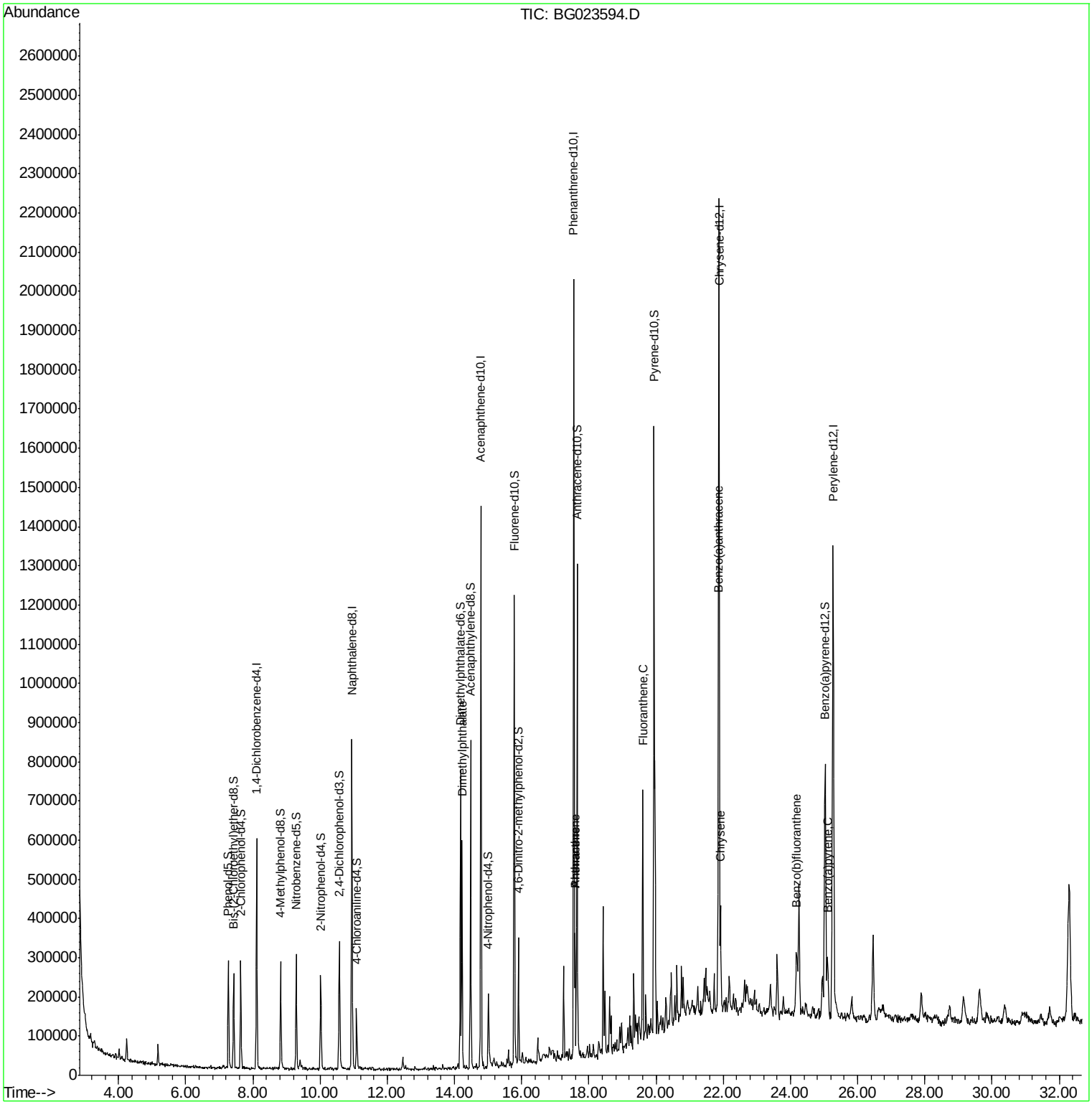
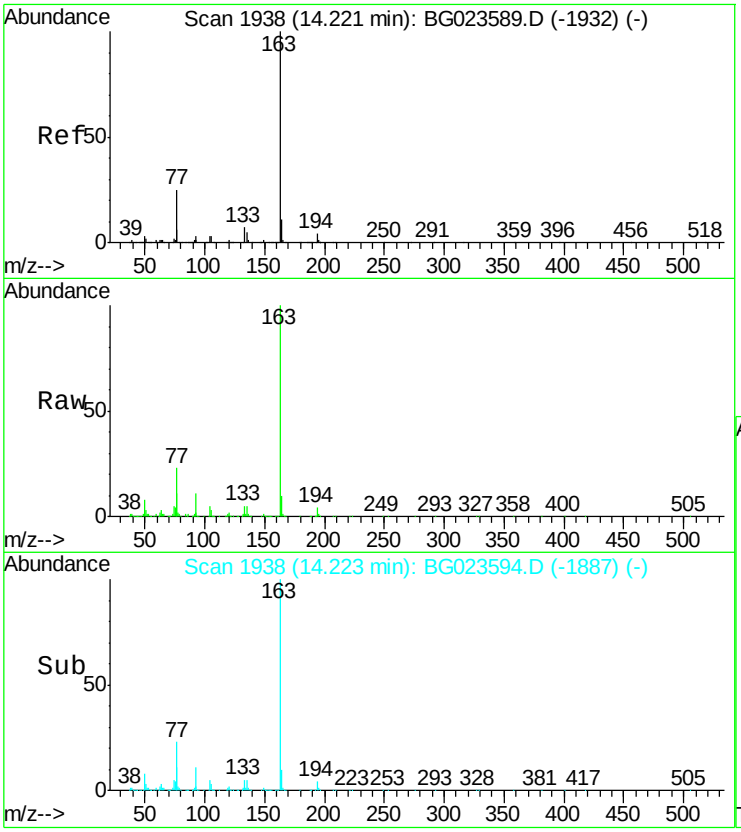


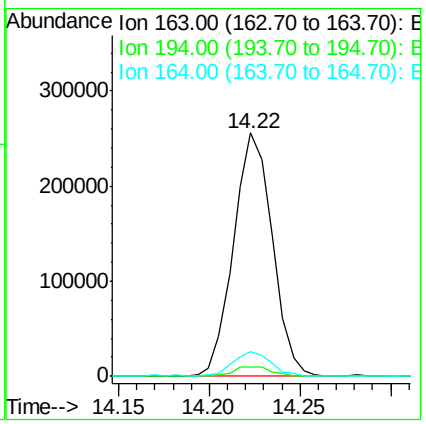


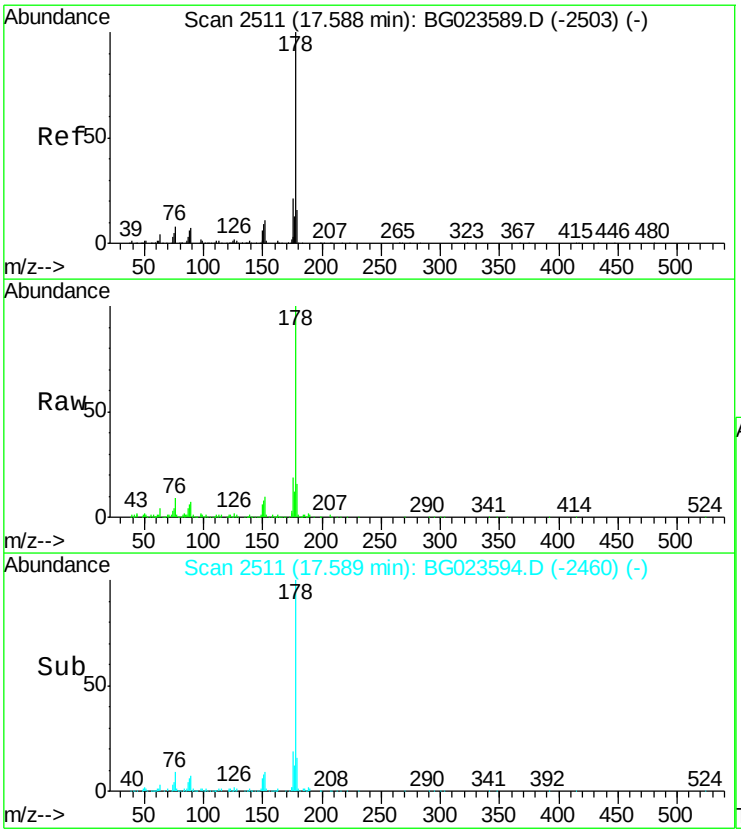
#44
Dimethylphthalate
Concen: 9.35 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG023594.D
Acq: 10 Aug 2016 16:16

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Tgt Ion:163 Resp: 380762

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	10.3	8.8	13.2

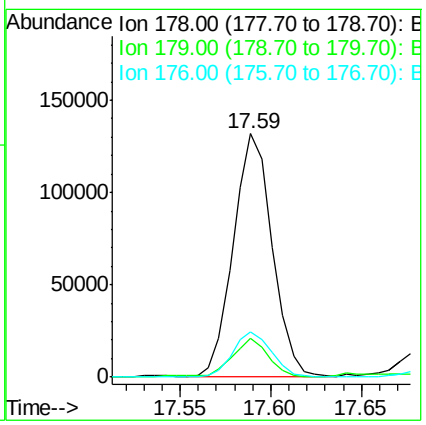


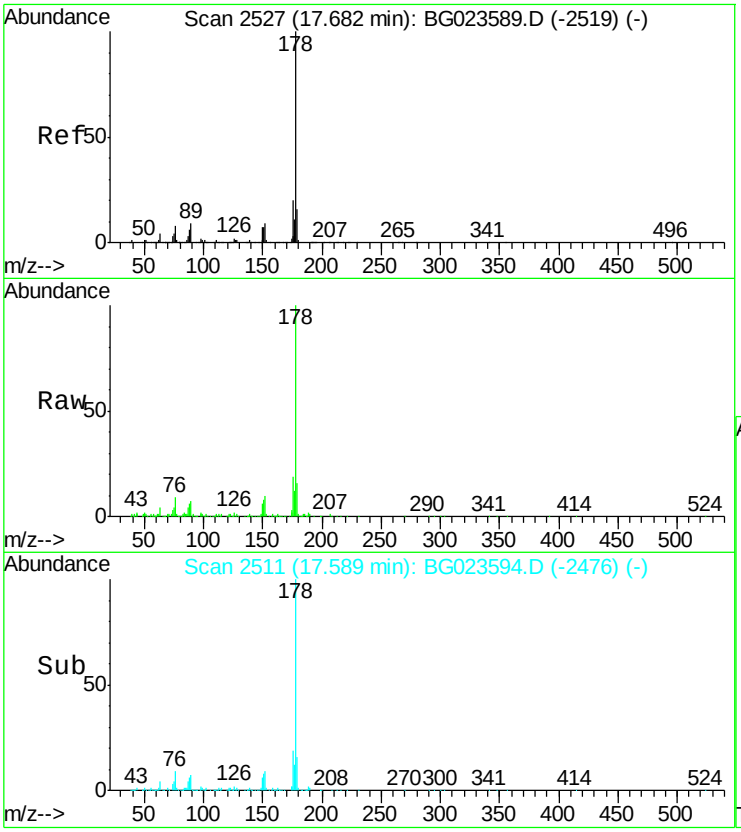


#69
Phenanthrene
Concen: 3.10 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG023594.D
Acq: 10 Aug 2016 16:16

Tgt Ion:178 Resp: 195558

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	18.6	15.8	23.8



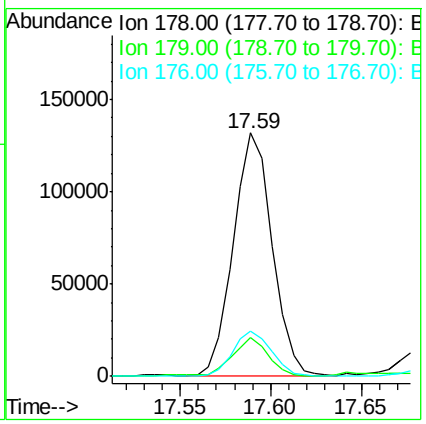


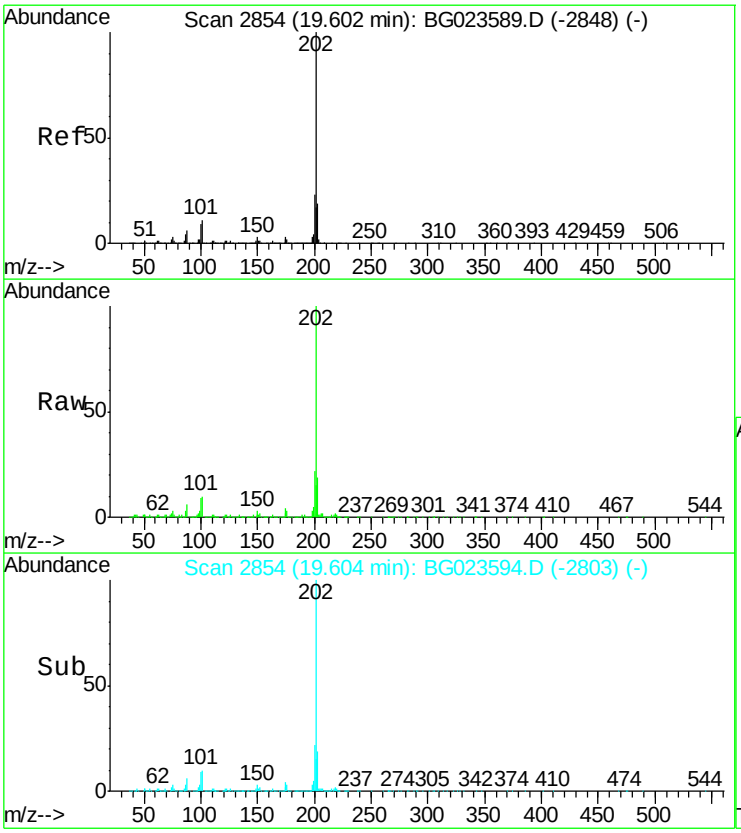
#71
Anthracene
Concen: 3.04 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.09 min
Lab File: BG023594.D
Acq: 10 Aug 2016 16:16

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Tgt Ion:178 Resp: 195558

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.6	16.3	24.5

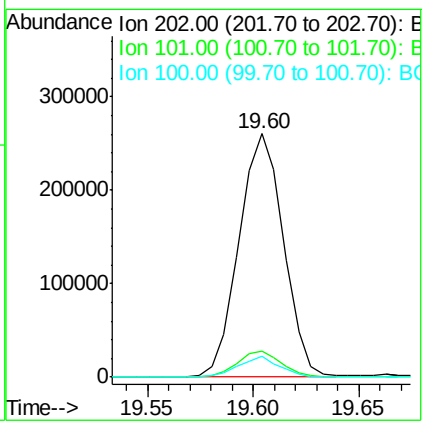


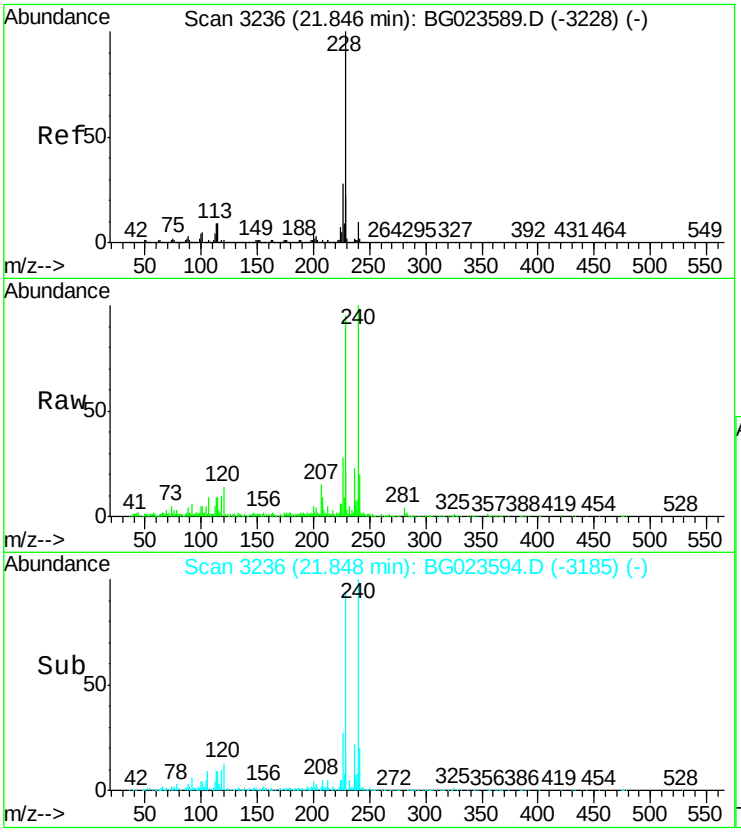


#74
Fluoranthene
Concen: 5.86 ng/ul
RT: 19.60 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG023594.D
Acq: 10 Aug 2016 16:16

Tgt Ion:202 Resp: 378158

Ion	Ratio	Lower	Upper
202	100		
101	10.5	10.6	16.0#
100	8.7	8.7	13.1



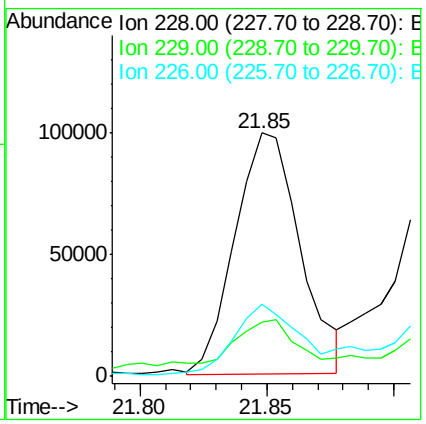


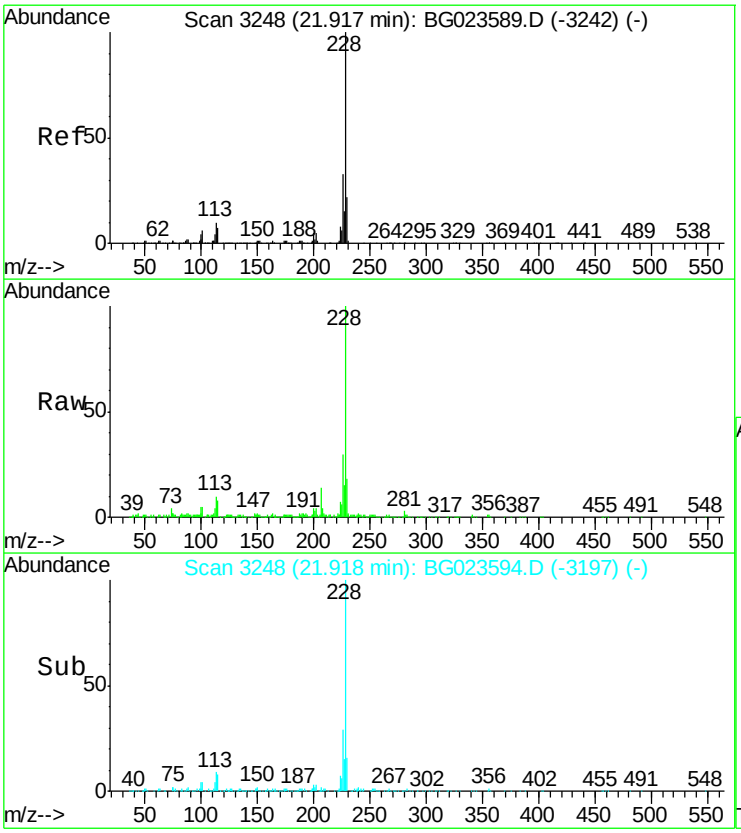
#80
Benzo(a)anthracene
Concen: 2.57 ng/ul
RT: 21.85 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BG023594.D
Acq: 10 Aug 2016 16:16

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Tgt Ion:228 Resp: 177014

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.4	23.2
226	29.6	22.8	34.2

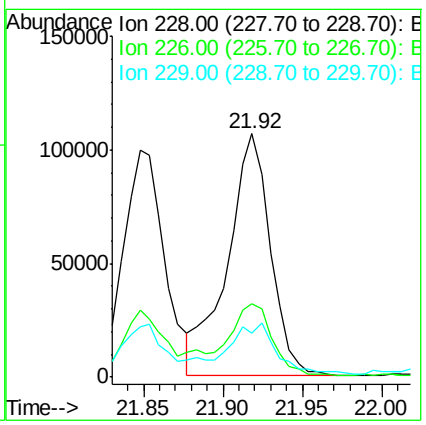


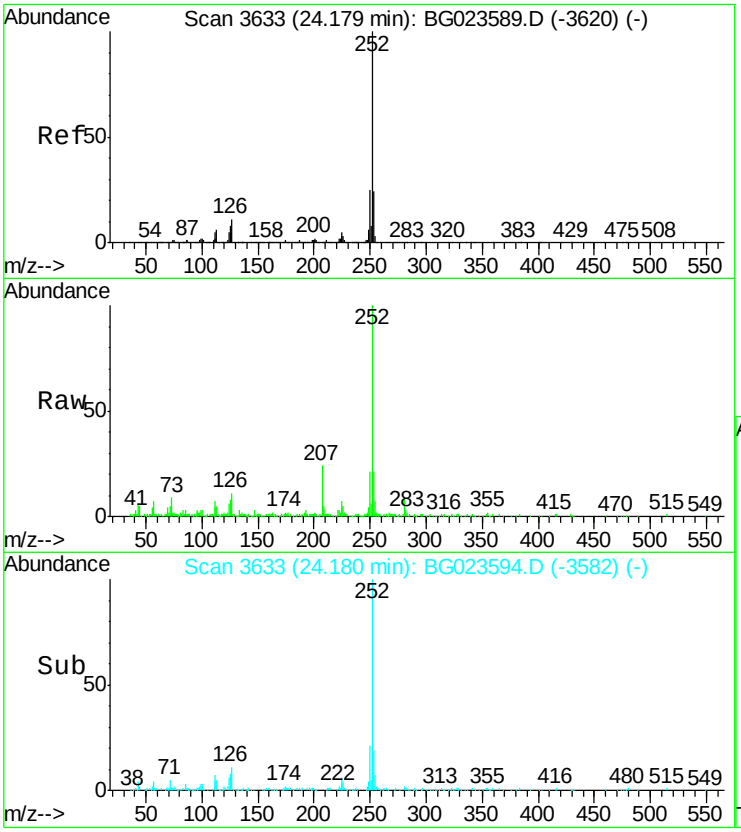


#82
Chrysene
Concen: 3.21 ng/ul
RT: 21.92 min Scan# 3248
Delta R.T. 0.00 min
Lab File: BG023594.D
Acq: 10 Aug 2016 16:16

Tgt Ion:228 Resp: 201336

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	18.2	15.0	22.6



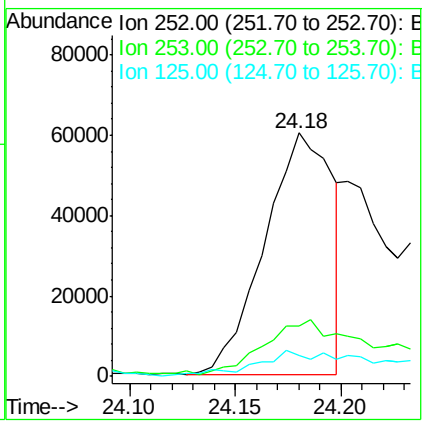


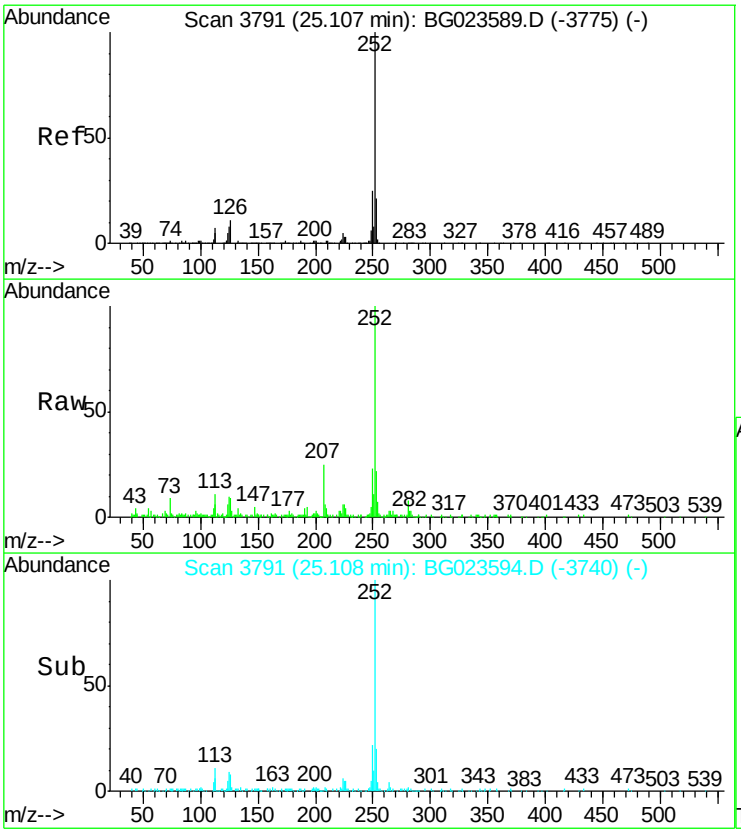
#85
Benzo(b)fluoranthene
Concen: 1.94 ng/ul
RT: 24.18 min Scan# 3633
Delta R.T. 0.00 min
Lab File: BG023594.D
Acq: 10 Aug 2016 16:16

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0002-01

Tgt Ion:252 Resp: 134227

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.2	27.2
125	8.5	10.8	16.2#





#88
Benzo(a)pyrene
Concen: 2.34 ng/ul
RT: 25.11 min Scan# 3791
Delta R.T. 0.00 min
Lab File: BG023594.D
Acq: 10 Aug 2016 16:16

Tgt Ion:252 Resp: 156291

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.0	28.4
125	10.1	12.0	18.0#