Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023662.D
Acq On : 12 Aug 2016 19:03
Operator : UM/SJ
Sample : H4385-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P002-SS003-3642-01

Quant Time: Aug 13 03:20:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 03:19:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	124330	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	589282	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	438217	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	1050284	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	1025897	20.00	ng/ul	-0.02
83) Perylene-d12	25.29	264	1064080	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	9340	3.19	ng/uL	0.00
5) Phenol-d5	7.27	99	256297	20.46	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	176389	21.98	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	182488	21.36	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	192404	19.68	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	100134	21.56	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.03	143	120285	22.55	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.58	165	214865	21.35	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.09	131	249568	21.14	ng/ul	-0.02
43) Dimethylphthalate-d6	14.18	166	794512	22.14	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	902537	22.35	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	129190	21.09	ng/ul	-0.01
57) Fluorene-d10	15.79	176	711216	21.45	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	127696	18.95	ng/ul	-0.01
70) Anthracene-d10	17.65	188	1080162	22.83	ng/ul	-0.01
76) Pyrene-d10	19.73	212	1136	0.02	ng/ul	-0.23
87) Benzo(a)pyrene-d12	25.06	264	1078989	22.40	ng/ul	-0.03
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	374030	10.53	ng/ul	97
69) Phenanthrene	17.60	178	377897	6.95	ng/ul	99
71) Anthracene	17.60	178	377897	6.81	ng/ul	100
77) Pyrene	19.98	202	405632	6.40	ng/ul#	90
80) Benzo(a)anthracene	21.93	228	175420	3.04	ng/ul	92
82) Chrysene	21.93	228	178109	3.39	ng/ul	94
85) Benzo(b)fluoranthene	24.20	252	103242	1.71	ng/ul	95
86) Benzo(k)fluoranthene	24.20	252	103242	1.73	ng/ul#	91
88) Benzo(a)pyrene	24.97	252	86490	1.48	ng/ul	96

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

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P002-SS003-3642-01

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Quant Title : SVOA CALIBRATION
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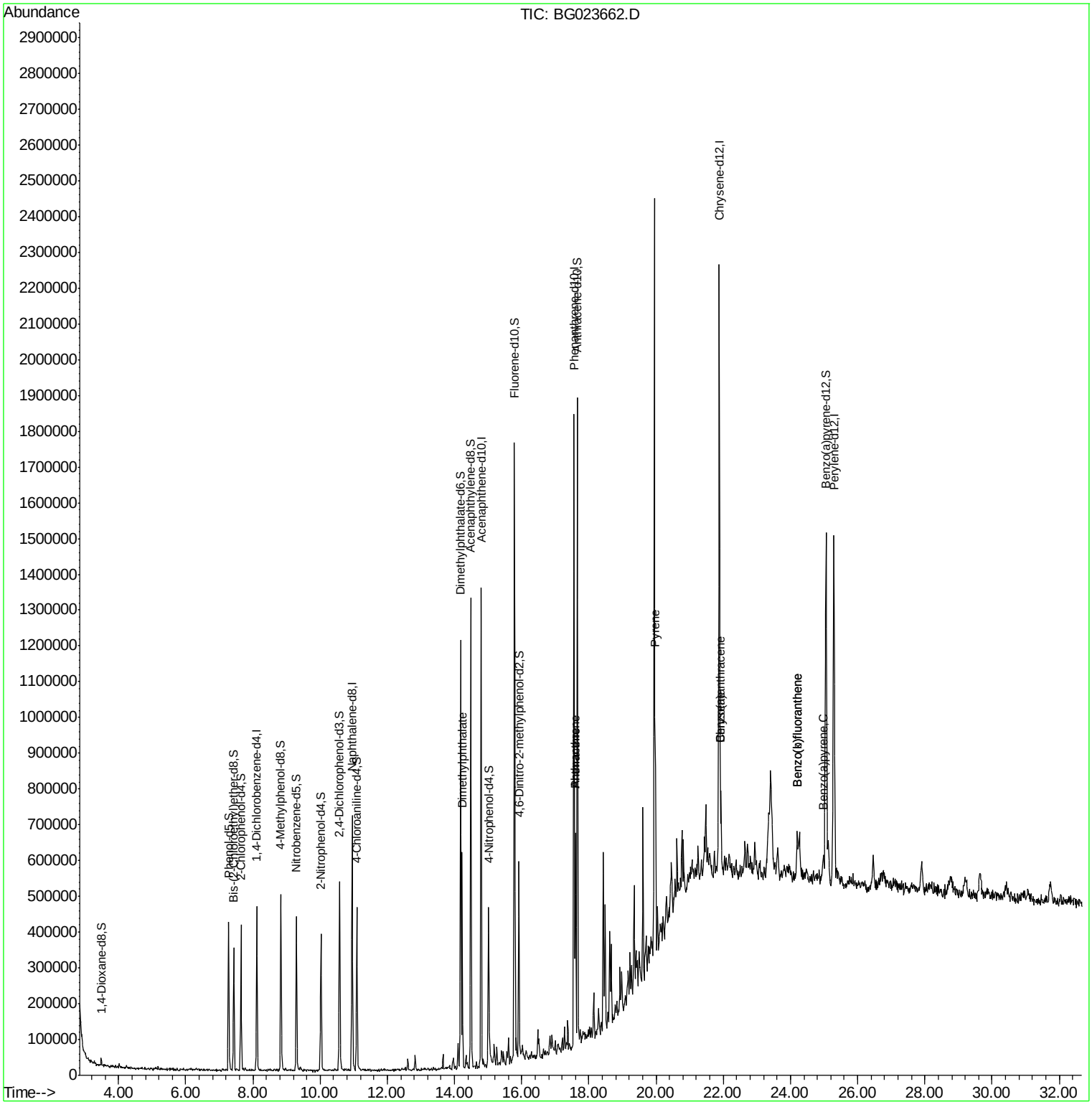
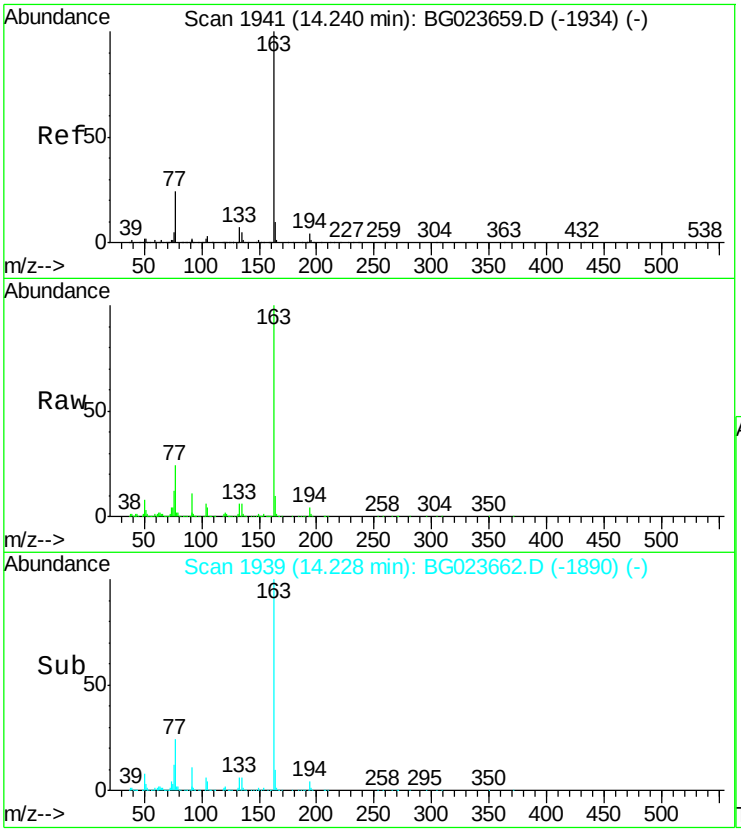


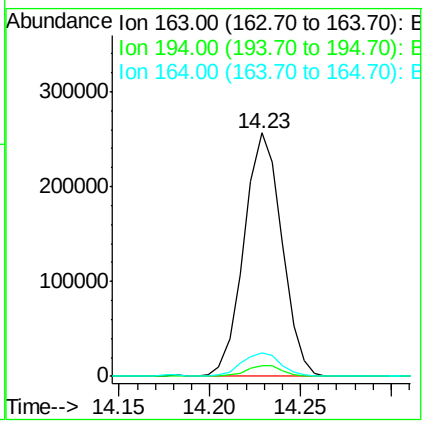


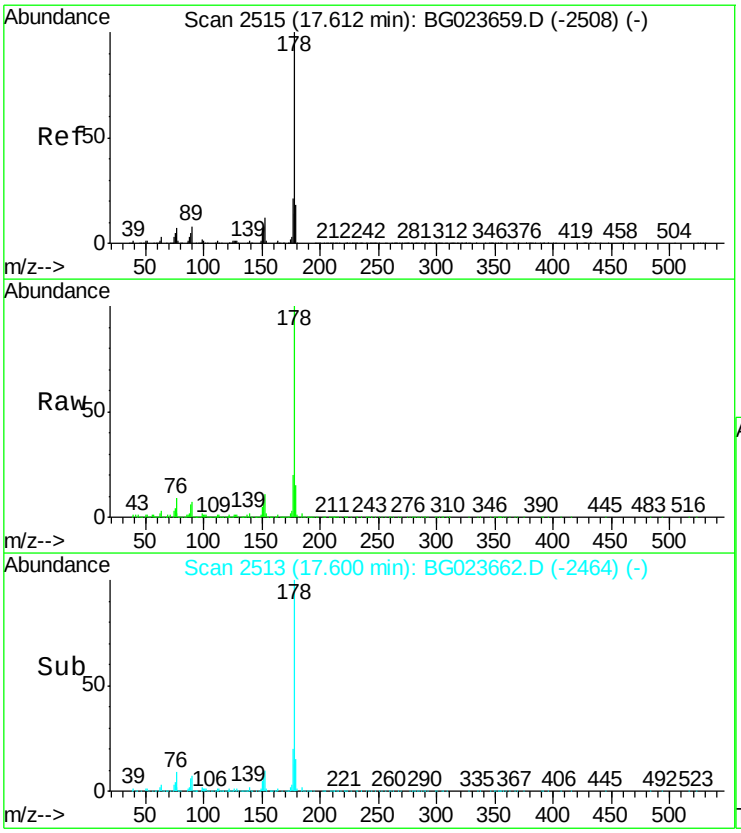
#44
Dimethylphthalate
Concen: 10.53 ng/ul
RT: 14.23 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG023662.D
Acq: 12 Aug 2016 19:03

Instrument :
BNA_G
ClientSampleId :
P002-SS003-3642-01

Tgt Ion:163 Resp: 374030

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.6	8.8	13.2

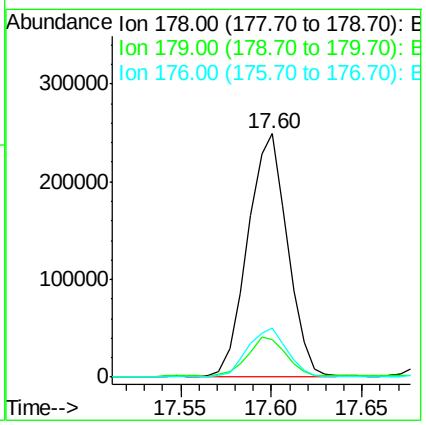


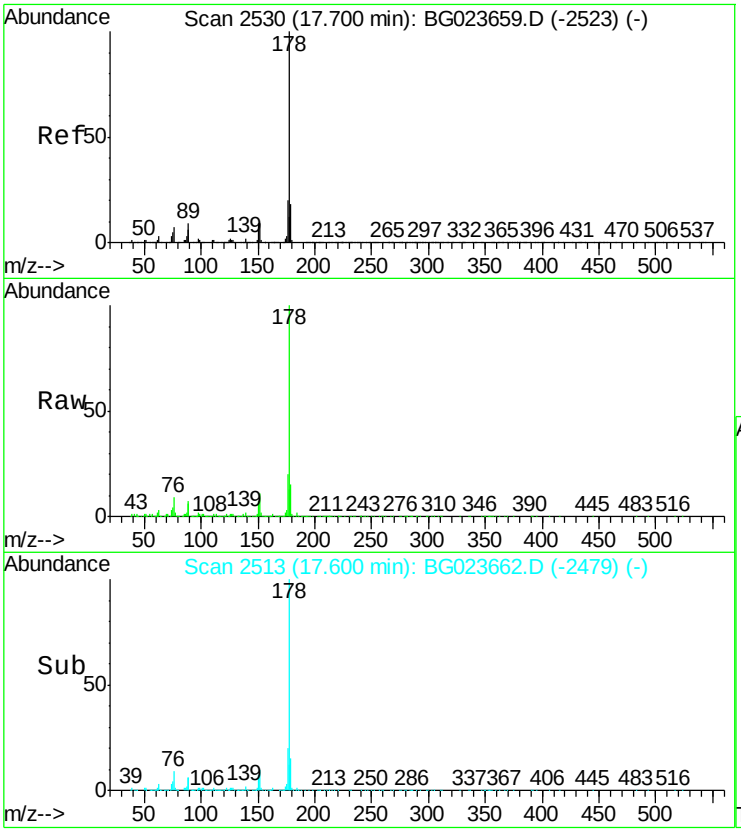


#69
Phenanthrene
Concen: 6.95 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BG023662.D
Acq: 12 Aug 2016 19:03

Tgt Ion:178 Resp: 377897

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	20.1	15.8	23.8



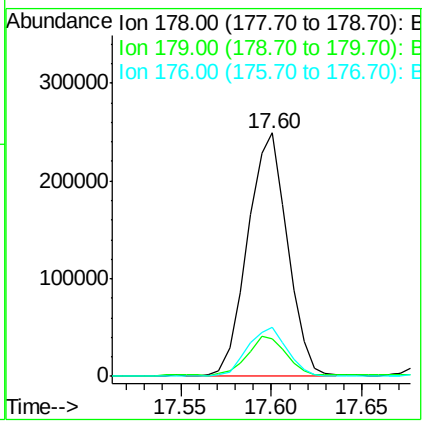


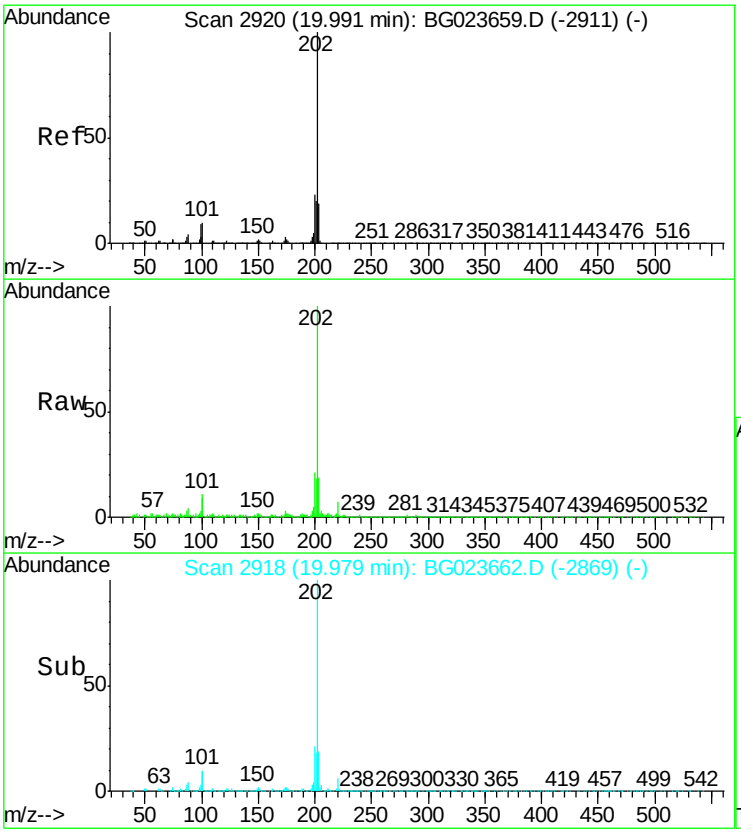
#71
Anthracene
Concen: 6.81 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. -0.10 min
Lab File: BG023662.D
Acq: 12 Aug 2016 19:03

Instrument :
BNA_G
ClientSampleId :
P002-SS003-3642-01

Tgt Ion:178 Resp: 377897

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	20.1	16.3	24.5

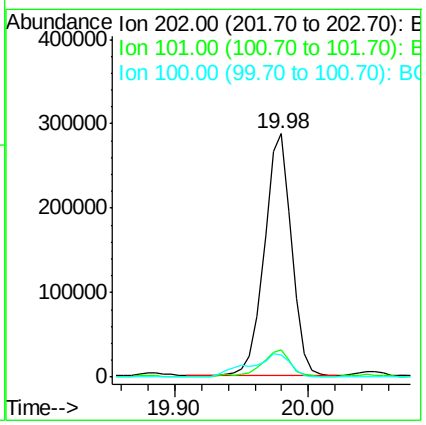


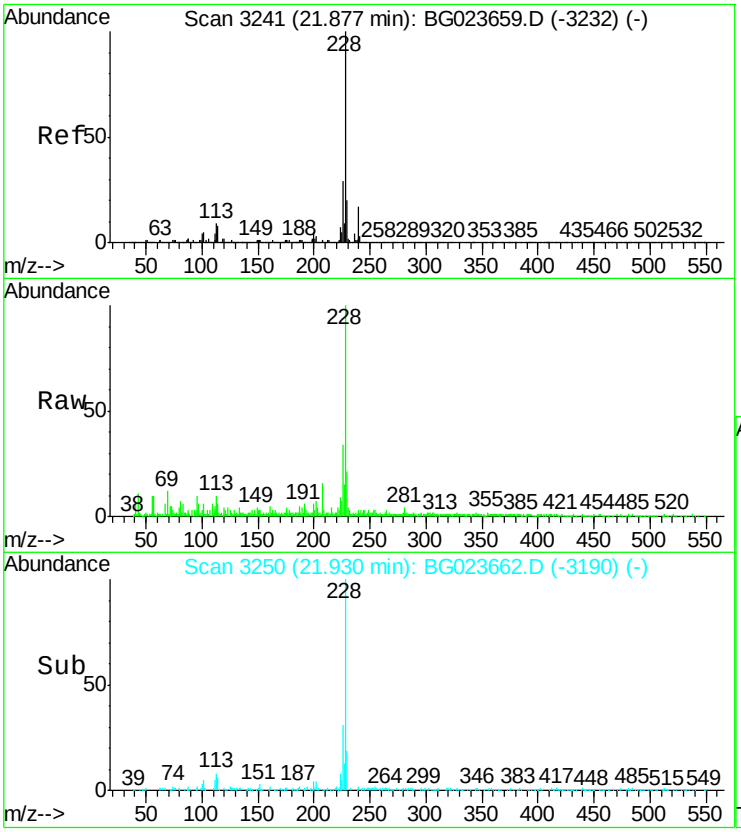


#77
Pyrene
Concen: 6.40 ng/ul
RT: 19.98 min Scan# 2918
Delta R.T. -0.01 min
Lab File: BG023662.D
Acq: 12 Aug 2016 19:03

Tgt Ion:202 Resp: 405632

Ion	Ratio	Lower	Upper
202	100		
101	11.1	12.5	18.7#
100	8.9	10.2	15.4#



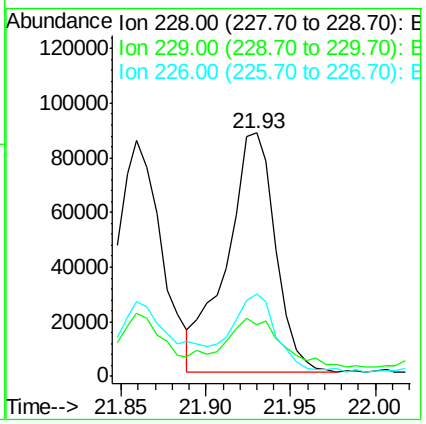


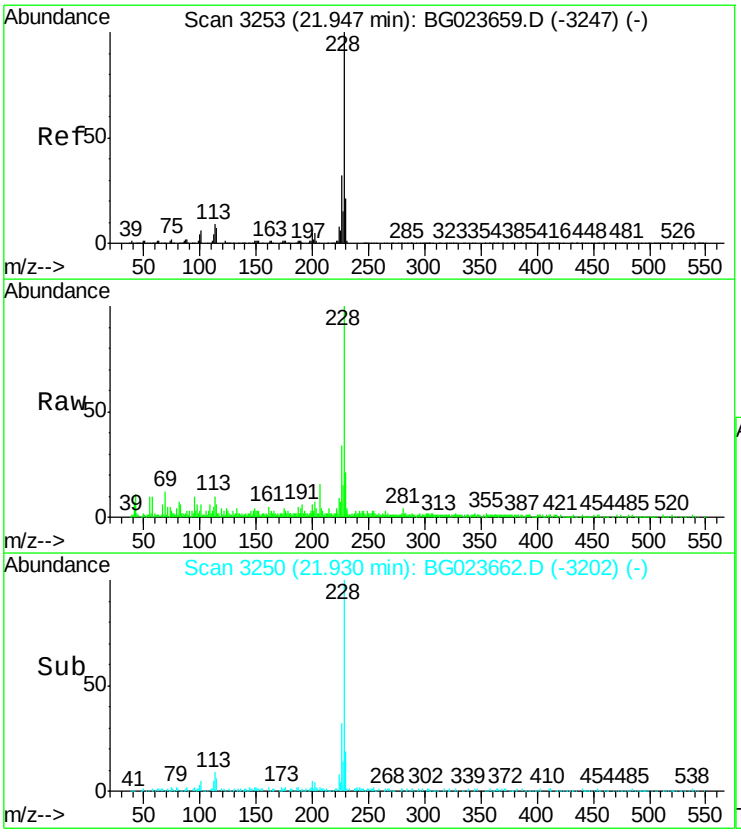
#80
Benzo(a)anthracene
Concen: 3.04 ng/ul
RT: 21.93 min Scan# 3250
Delta R.T. 0.05 min
Lab File: BG023662.D
Acq: 12 Aug 2016 19:03

Instrument :
BNA_G
ClientSampleId :
P002-SS003-3642-01

Tgt Ion:228 Resp: 175420

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.2
226	34.0	22.8	34.2

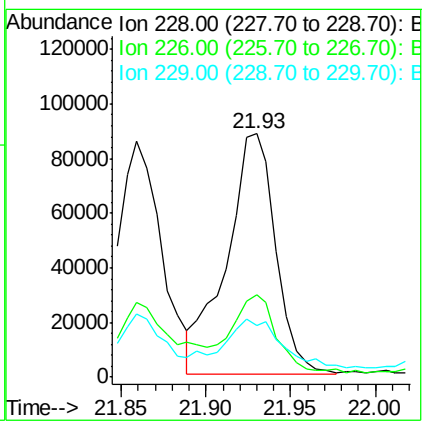


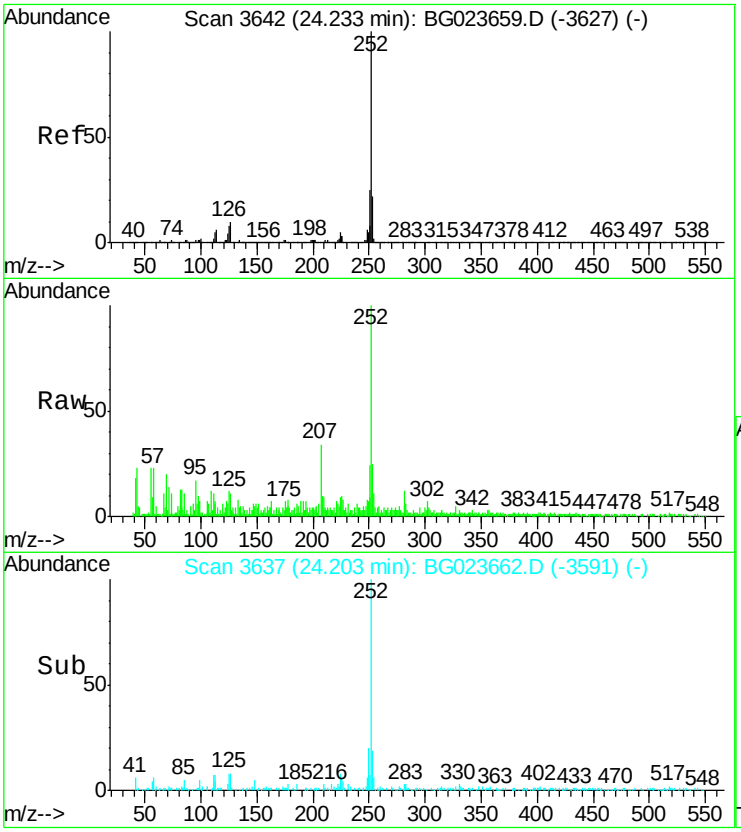


#82
Chrysene
Concen: 3.39 ng/ul
RT: 21.93 min Scan# 3250
Delta R.T. -0.02 min
Lab File: BG023662.D
Acq: 12 Aug 2016 19:03

Tgt Ion:228 Resp: 178109

Ion	Ratio	Lower	Upper
228	100		
226	34.0	24.2	36.4
229	21.1	15.0	22.6



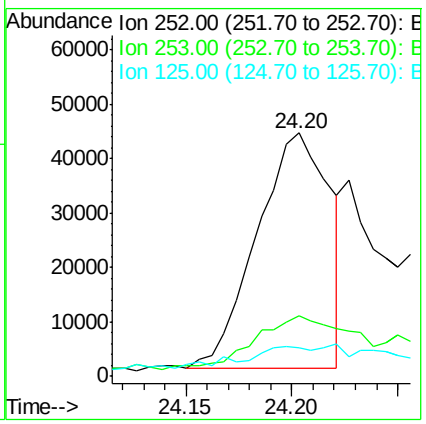


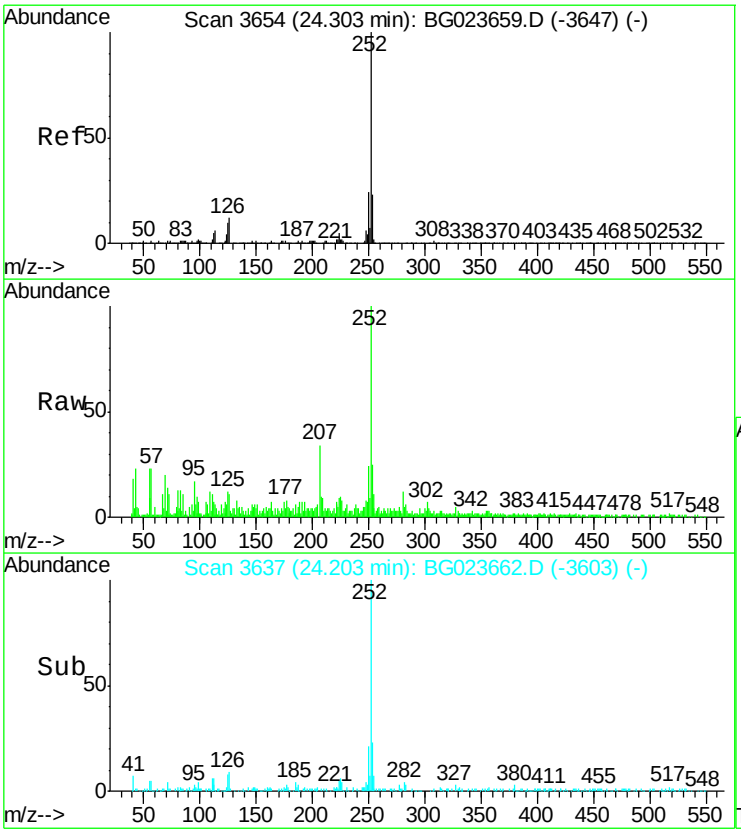
#85
Benzo(b)fluoranthene
Concen: 1.71 ng/ul
RT: 24.20 min Scan# 3637
Delta R.T. -0.03 min
Lab File: BG023662.D
Acq: 12 Aug 2016 19:03

Instrument :
BNA_G
ClientSampleId :
P002-SS003-3642-01

Tgt Ion:252 Resp: 103242

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.2
125	11.5	10.8	16.2

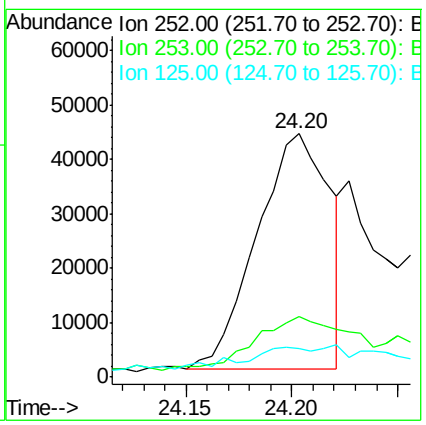


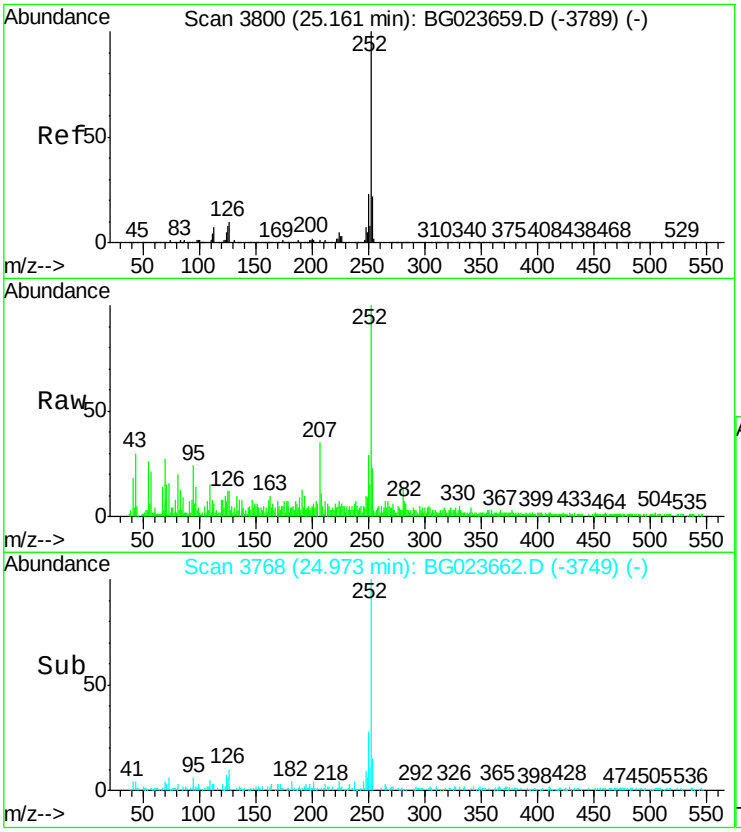


#86
Benzo(k)fluoranthene
Concen: 1.73 ng/ul
RT: 24.20 min Scan# 3637
Delta R.T. -0.10 min
Lab File: BG023662.D
Acq: 12 Aug 2016 19:03

Tgt Ion:252 Resp: 103242

Ion	Ratio	Lower	Upper
252	100		
253	24.9	15.8	23.6#
125	11.5	10.6	16.0





#88
Benzo(a)pyrene
Concen: 1.48 ng/ul
RT: 24.97 min Scan# 3768
Delta R.T. -0.19 min
Lab File: BG023662.D
Acq: 12 Aug 2016 19:03

Instrument :
BNA_G
ClientSampleId :
P002-SS003-3642-01

Tgt Ion:252 Resp: 86490

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.0	28.4
125	12.0	12.0	18.0