Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023607.D
Acq On : 11 Aug 2016 00:27
Operator : UM/SJ
Sample : H4384-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-SS003-0612-01

Quant Time: Aug 11 04:01:04 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	152746	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	717951	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	523846	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1295328	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1293426	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	1273547	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	12834	3.57	ng/uL	0.00
5) Phenol-d5	7.26	99	288494	18.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	203269	20.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	204425	19.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	211797	17.63	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	114907	20.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	135078	20.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	240443	19.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	318340	22.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	916110	21.36	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1045356	21.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	139527	19.06	ng/ul	0.00
57) Fluorene-d10	15.78	176	845979	21.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	152606	18.36	ng/ul	0.00
70) Anthracene-d10	17.64	188	1255834	21.52	ng/ul	0.00
76) Pyrene-d10	20.00	212	2335	0.04	ng/ul	0.06
87) Benzo(a)pyrene-d12	25.09	264	2754	0.05	ng/ul	0.07
Target Compounds						Qvalue
44) Dimethylphthalate	14.22	163	310684	7.32	ng/ul	97
69) Phenanthrene	17.59	178	93151	1.39	ng/ul	99
71) Anthracene	17.59	178	93151	1.36	ng/ul	99
74) Fluoranthene	19.60	202	130630	1.90	ng/ul	95
77) Pyrene	19.96	202	173341	2.17	ng/ul#	91
80) Benzo(a)anthracene	21.91	228	77607	1.07	ng/ul	95
82) Chrysene	21.91	228	78473	1.18	ng/ul	97

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

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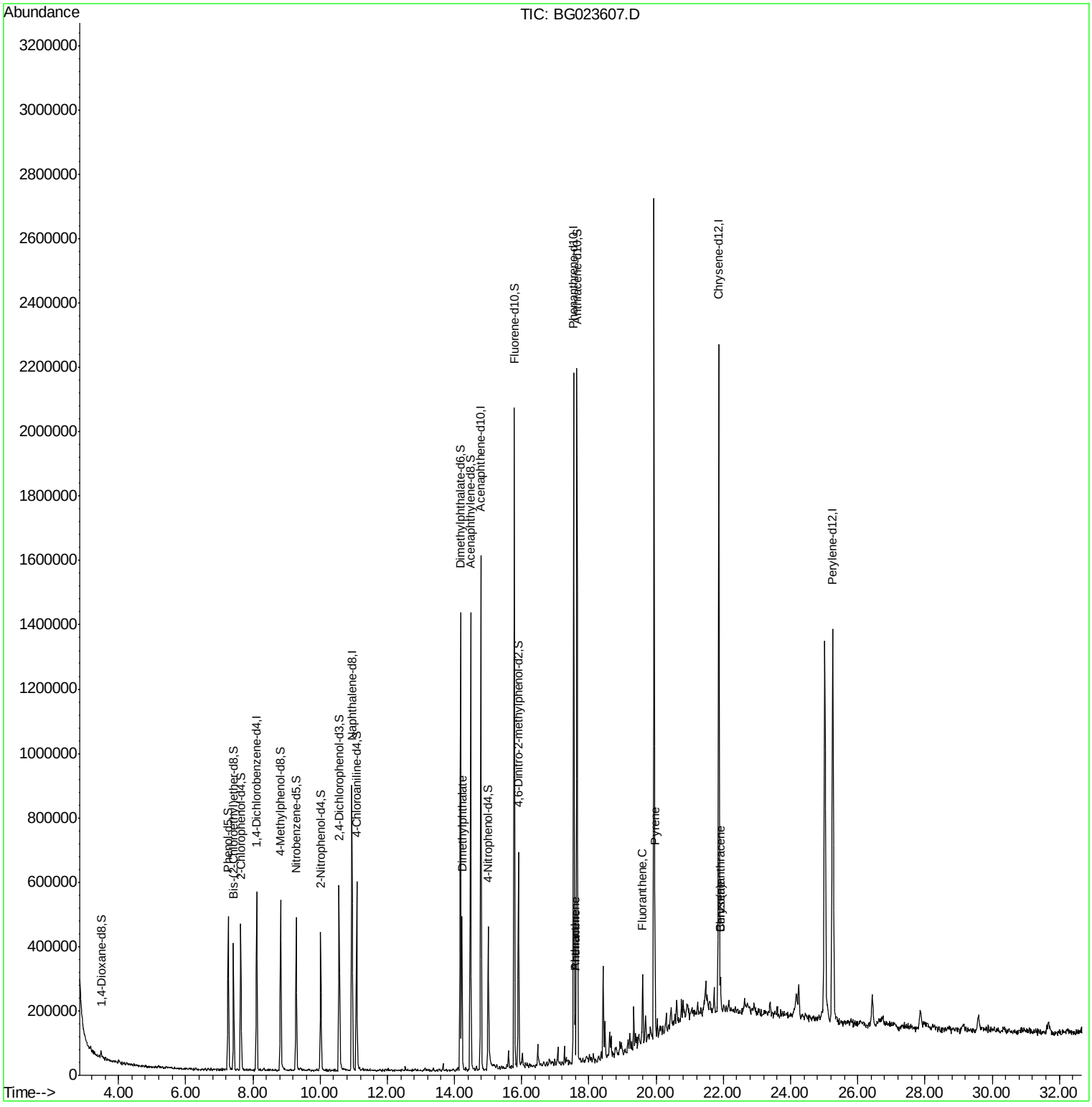
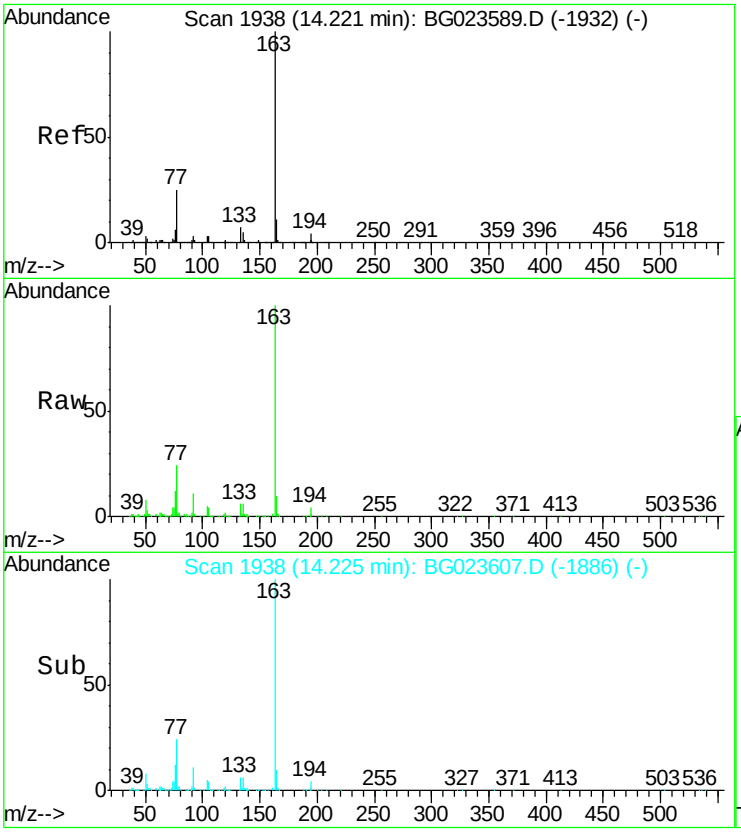


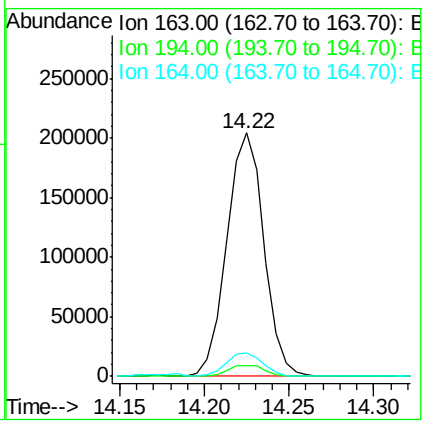


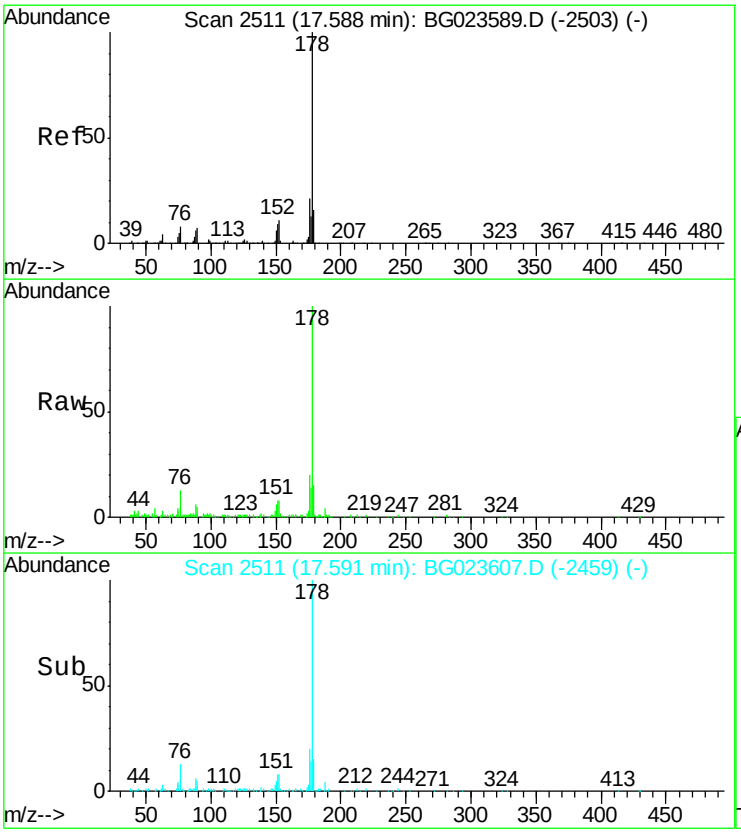
#44
Dimethylphthalate
Concen: 7.32 ng/ul
RT: 14.22 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG023607.D
Acq: 11 Aug 2016 00:27

Instrument :
BNA_G
ClientSampleId :
P001-SS003-0612-01

Tgt Ion:163 Resp: 310684

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

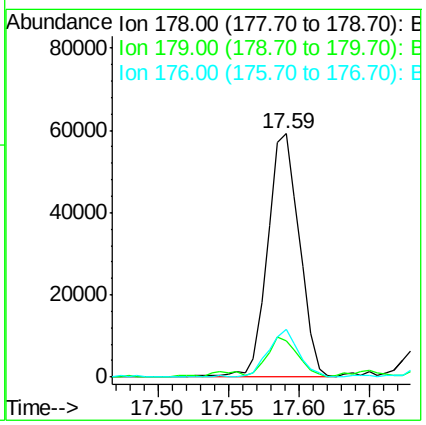


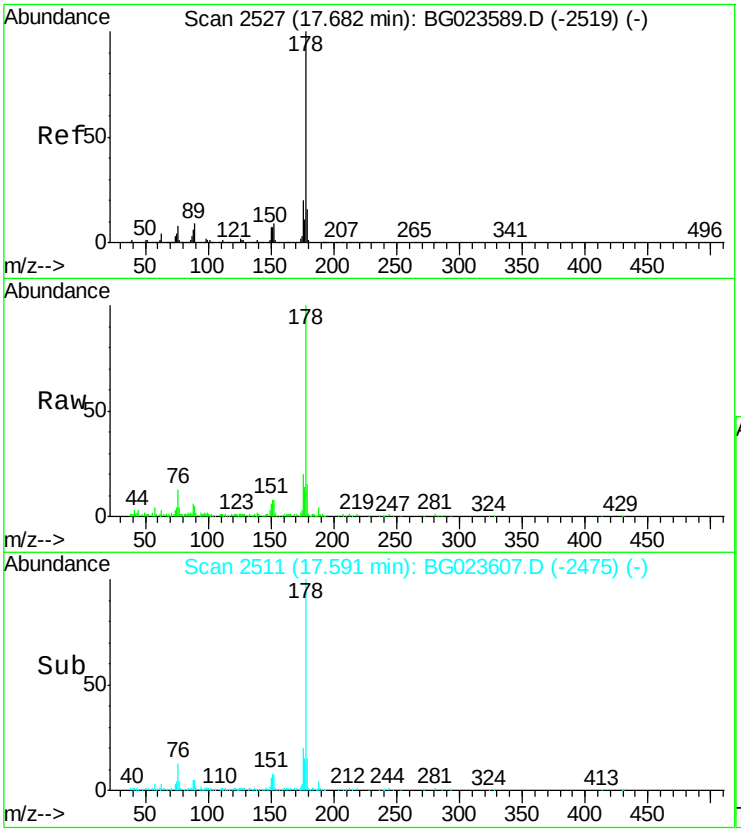


#69
Phenanthrene
Concen: 1.39 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.00 min
Lab File: BG023607.D
Acq: 11 Aug 2016 00:27

Tgt Ion:178 Resp: 93151

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.9	19.3
176	19.8	15.8	23.8



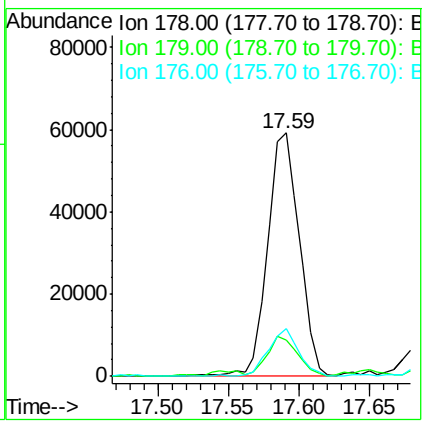


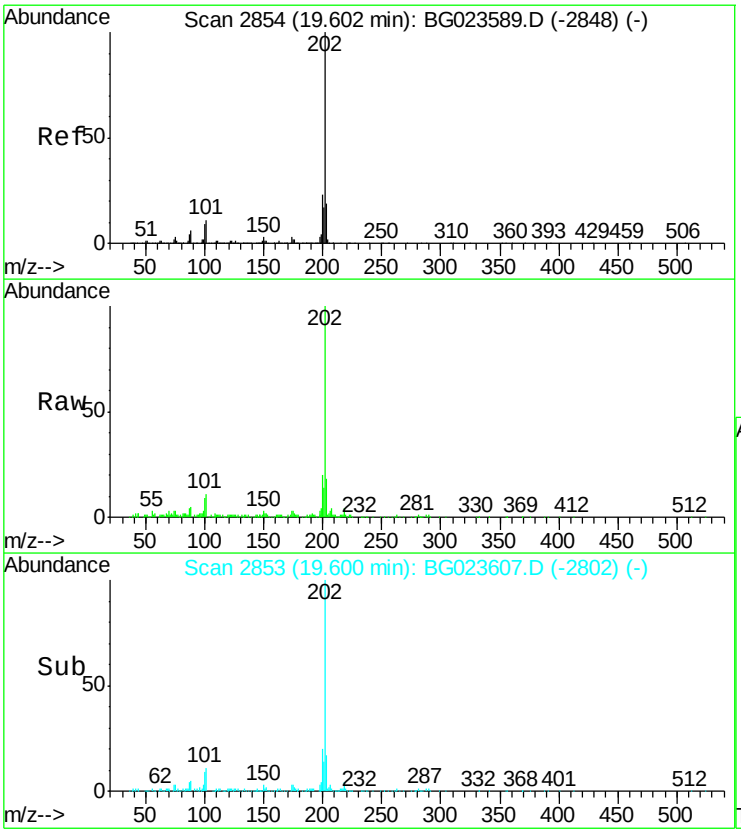
#71
Anthracene
Concen: 1.36 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.09 min
Lab File: BG023607.D
Acq: 11 Aug 2016 00:27

Instrument :
BNA_G
ClientSampleId :
P001-SS003-0612-01

Tgt Ion:178 Resp: 93151

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	19.8	16.3	24.5

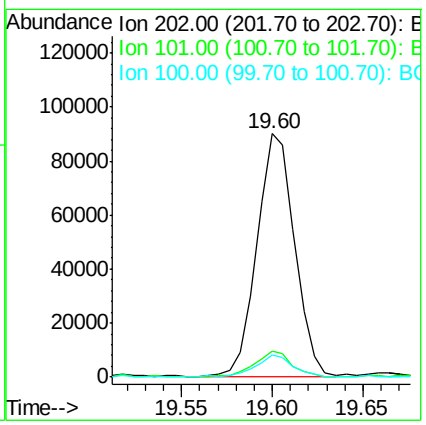


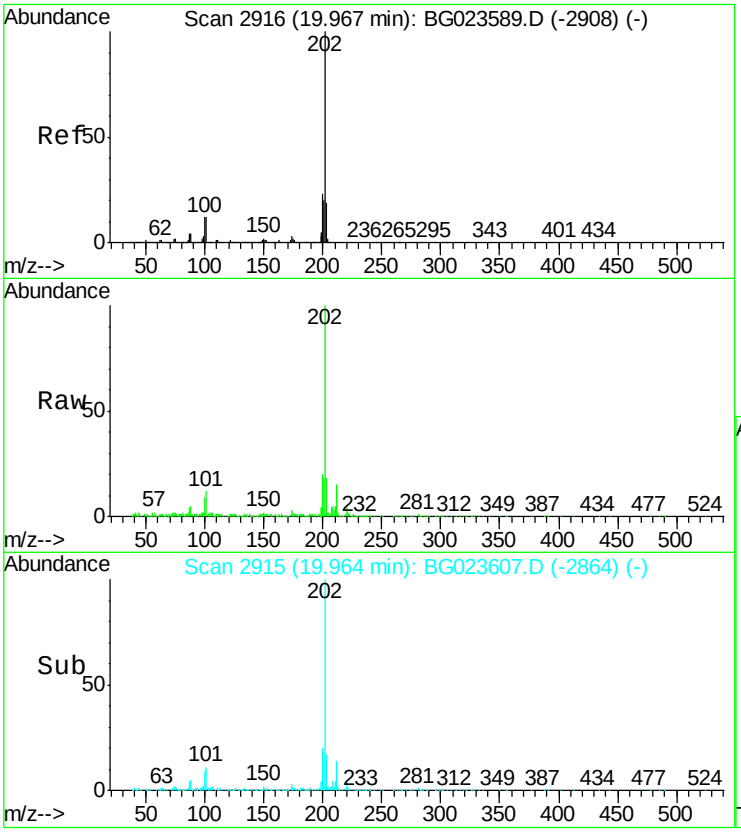


#74
Fluoranthene
Concen: 1.90 ng/ul
RT: 19.60 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BG023607.D
Acq: 11 Aug 2016 00:27

Tgt Ion:202 Resp: 130630

Ion	Ratio	Lower	Upper
202	100		
101	10.7	10.6	16.0
100	9.3	8.7	13.1



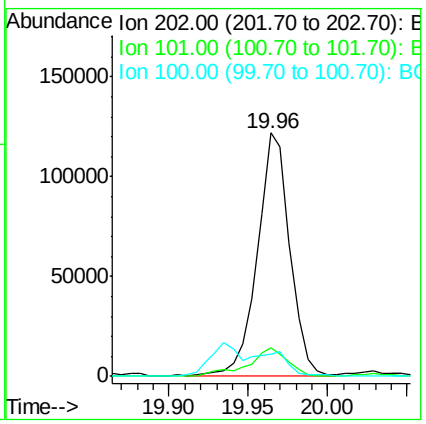


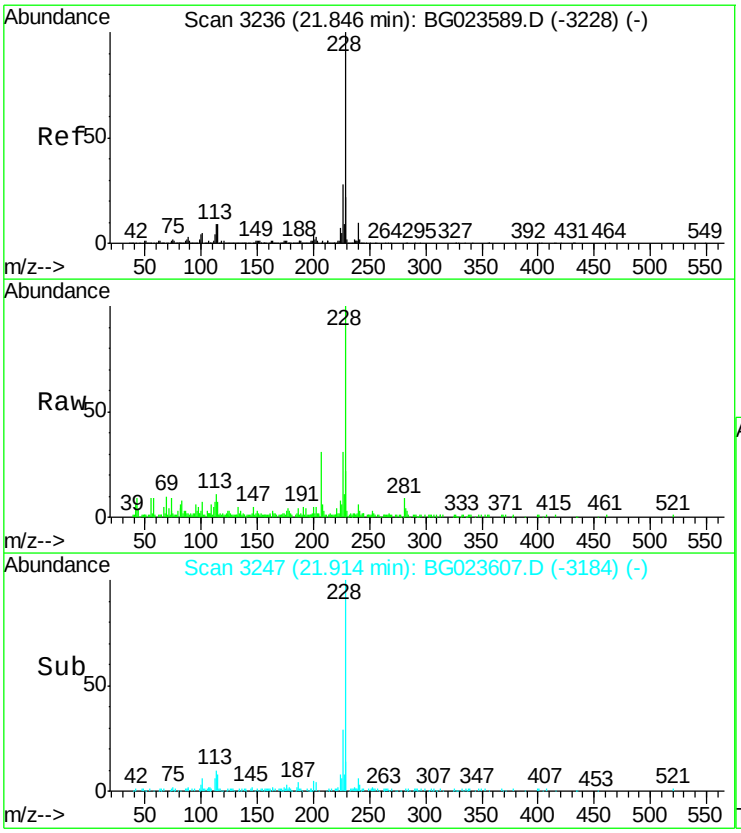
#77
Pyrene
Concen: 2.17 ng/ul
RT: 19.96 min Scan# 2915
Delta R.T. -0.00 min
Lab File: BG023607.D
Acq: 11 Aug 2016 00:27

Instrument :
BNA_G
ClientSampleId :
P001-SS003-0612-01

Tgt Ion:202 Resp: 173341

Ion	Ratio	Lower	Upper
202	100		
101	11.5	12.5	18.7#
100	9.3	10.2	15.4#

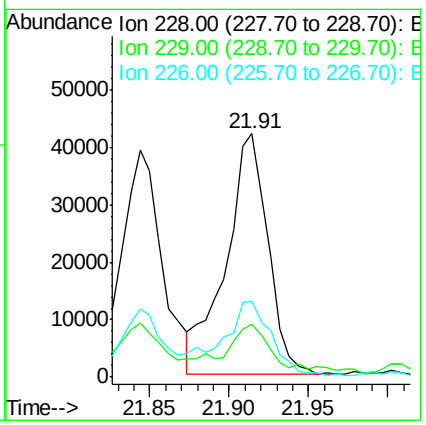


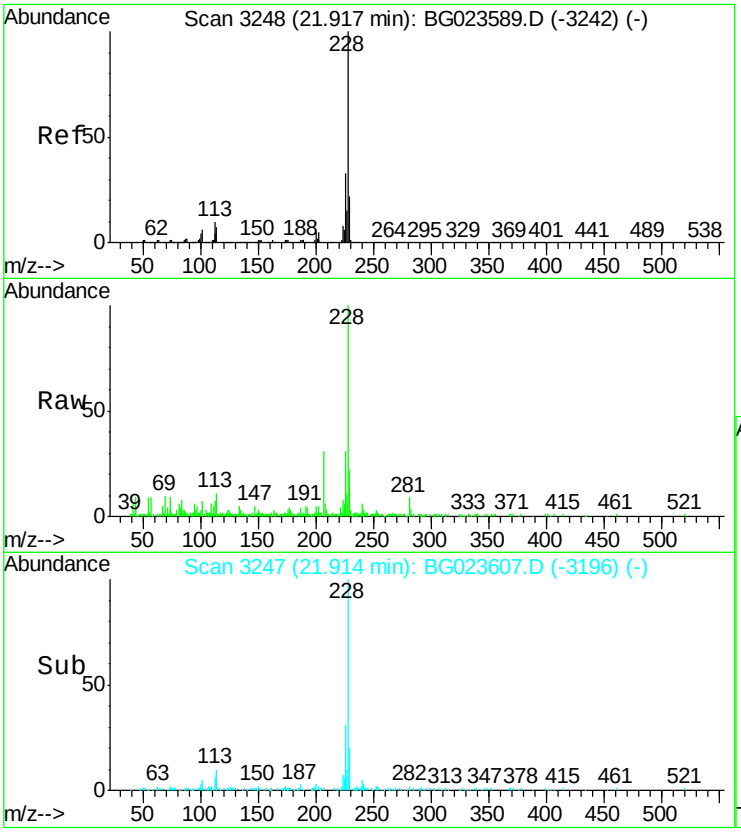


#80
Benzo(a)anthracene
Concen: 1.07 ng/ul
RT: 21.91 min Scan# 3247
Delta R.T. 0.07 min
Lab File: BG023607.D
Acq: 11 Aug 2016 00:27

Tgt Ion:228 Resp: 77607

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.4	23.2
226	31.3	22.8	34.2





#82
Chrysene
Concen: 1.18 ng/ul
RT: 21.91 min Scan# 3247
Delta R.T. -0.00 min
Lab File: BG023607.D
Acq: 11 Aug 2016 00:27

Instrument :
BNA_G
ClientSampleId :
P001-SS003-0612-01

Tgt Ion:228 Resp: 78473

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.4
229	21.5	15.0	22.6