Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110717\
Data File : BG030830.D
Acq On : 8 Nov 2017 5:08
Operator : SJ/JU
Sample : I6222-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0EQ5

Quant Time: Nov 08 06:12:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 04:22:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	85568	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	413371	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	275355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	617302	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	677572	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	709734	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	5259	2.50	ng/uL	0.00
5) Phenol-d5	7.31	99	110019	13.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	64633	12.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	88405	15.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	87053	13.12	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	47070	15.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	57095	18.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	101397	14.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	120221	14.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	340951	14.48	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	426527	14.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	46015	10.59	ng/ul	0.00
57) Fluorene-d10	15.76	176	312739	16.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	34866	11.57	ng/ul	0.00
70) Anthracene-d10	17.61	188	465035	15.93	ng/ul	0.00
76) Pyrene-d10	19.88	212	527082	15.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	518910	15.44	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.34	94	11439	1.346	ng/ul#	90
44) Dimethylphthalate	14.21	163	29278	1.275	ng/ul#	97
74) Fluoranthene	19.55	202	75401	2.022	ng/ul	98
77) Pyrene	19.91	202	75698	1.667	ng/ul	100
80) Benzo(a)anthracene	21.76	228	53093	1.250	ng/ul	99
82) Chrysene	21.83	228	52389	1.358	ng/ul	95
85) Benzo(b)fluoranthene	24.03	252	75618	1.775	ng/ul#	91
88) Benzo(a)pyrene	24.94	252	49138	1.185	ng/ul#	92

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

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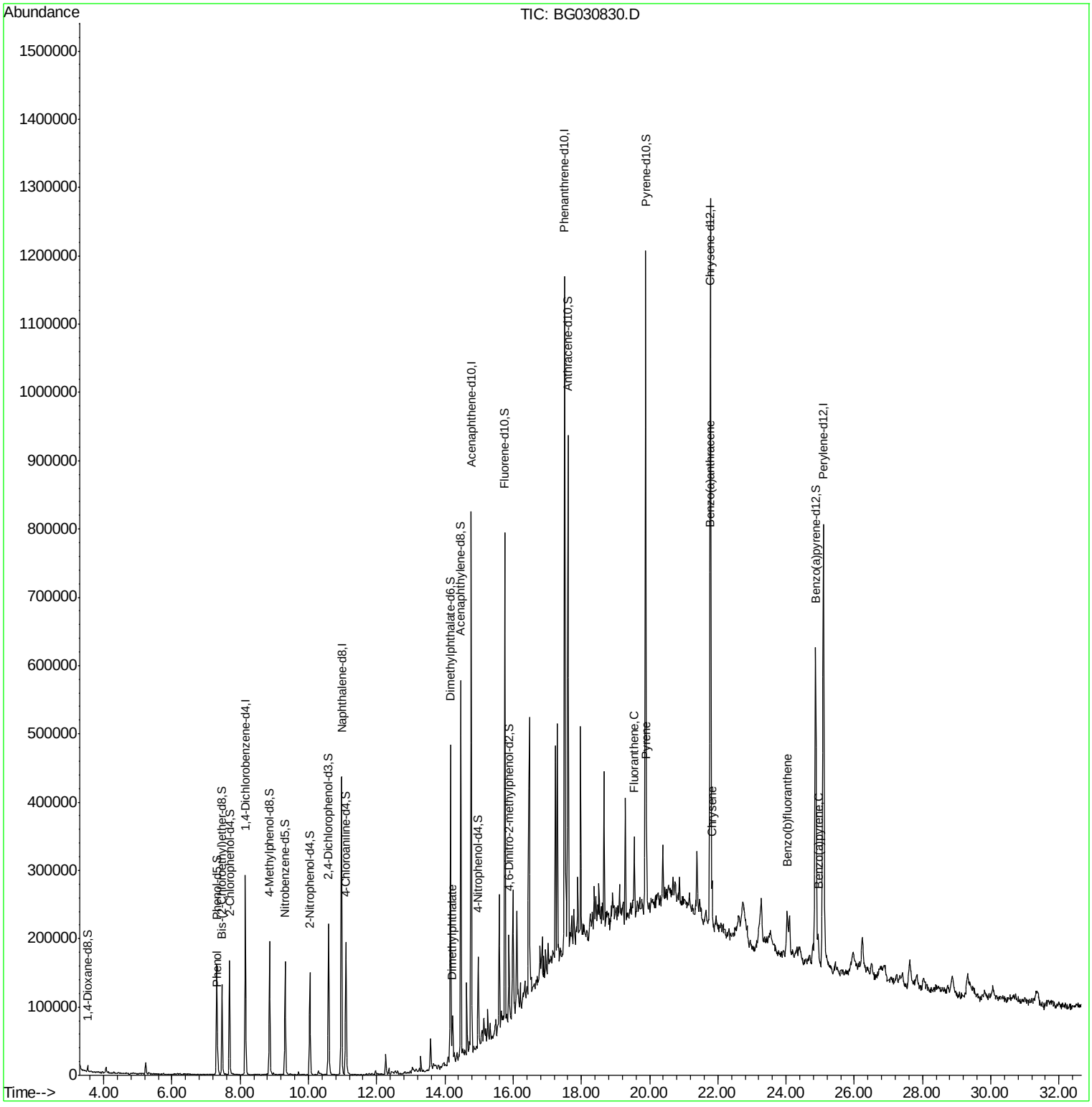
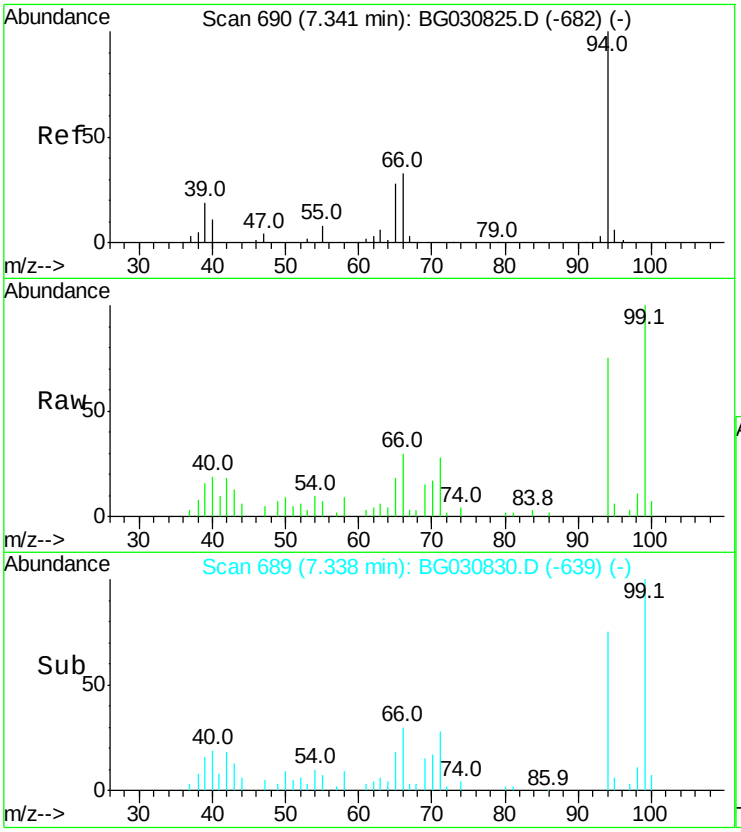


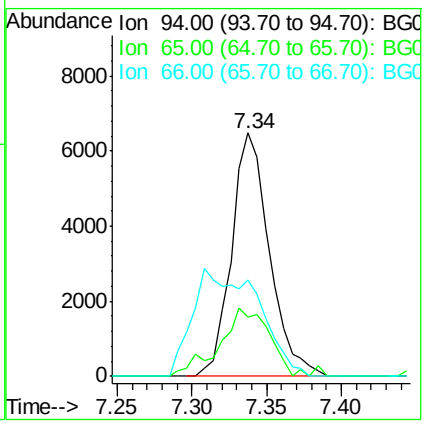


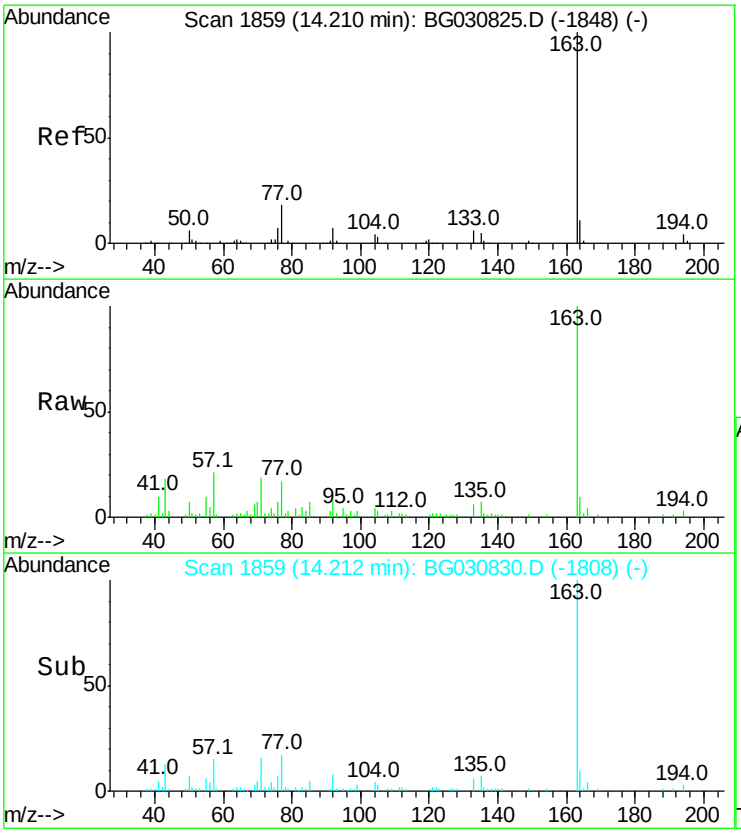
#6
Phenol
Concen: 1.346 ng/ul
RT: 7.34 min Scan# 689
Delta R.T. -0.00 min
Lab File: BG030830.D
Acq: 8 Nov 2017 5:08

Instrument :
BNA_G
ClientSampleId :
B0EQ5

Tgt Ion: 94 Resp: 11439

Ion	Ratio	Lower	Upper
94	100		
65	24.4	27.1	40.7#
66	39.6	34.6	52.0

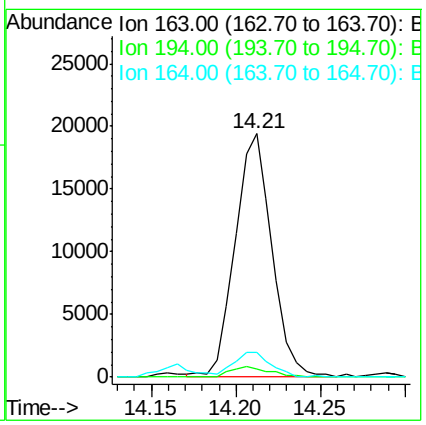


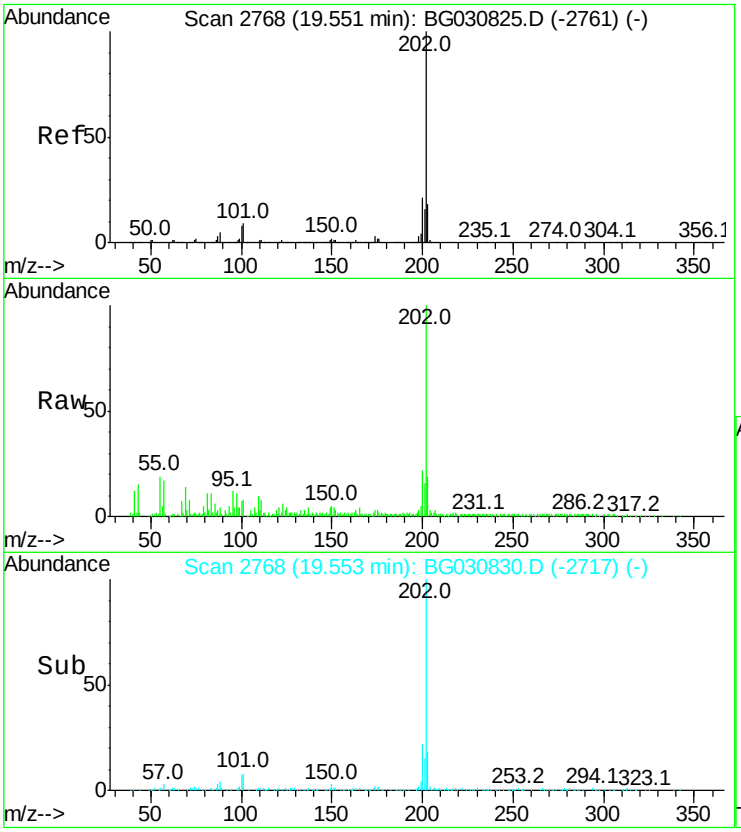


#44
Dimethylphthalate
Concen: 1.275 ng/ul
RT: 14.21 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BG030830.D
Acq: 8 Nov 2017 5:08

Tgt Ion:163 Resp: 29278

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.5	5.3#
164	10.2	7.6	11.4



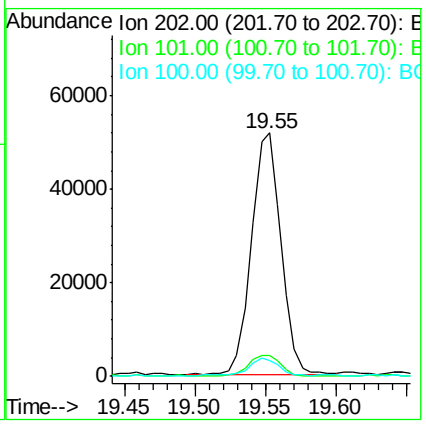


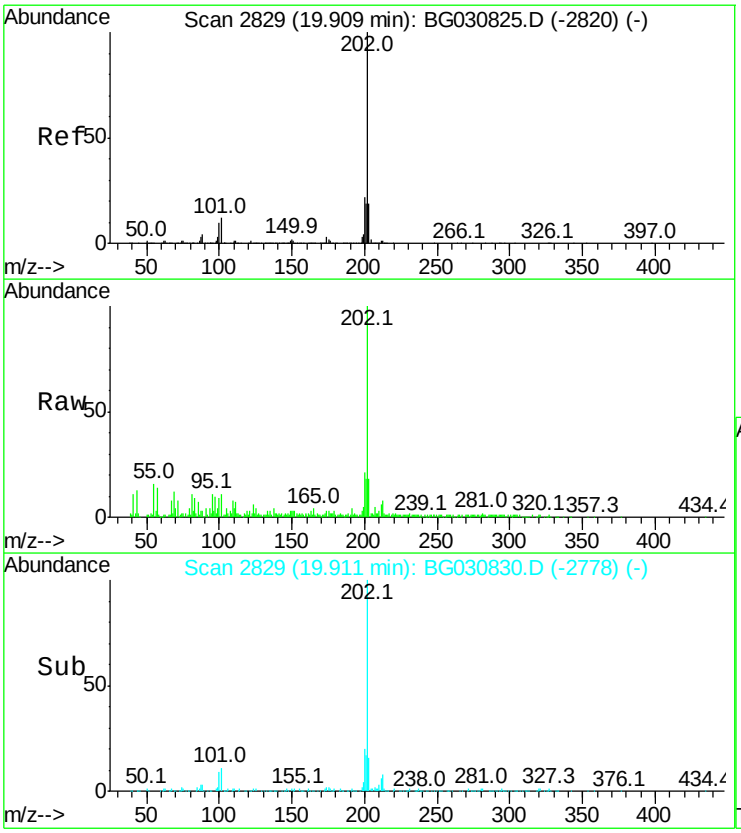
#74
Fluoranthene
Concen: 2.022 ng/ul
RT: 19.55 min Scan# 2768
Delta R.T. 0.00 min
Lab File: BG030830.D
Acq: 8 Nov 2017 5:08

Instrument :
BNA_G
ClientSampleId :
B0EQ5

Tgt Ion:202 Resp: 75401

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.4	11.2
100	6.7	5.6	8.4

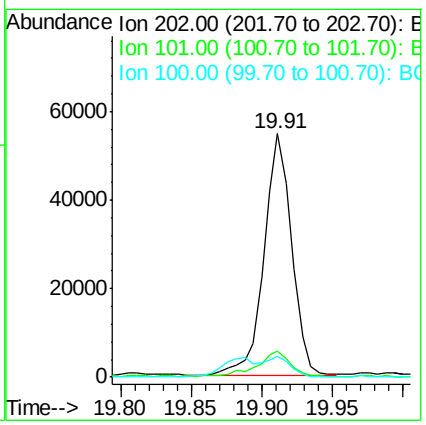


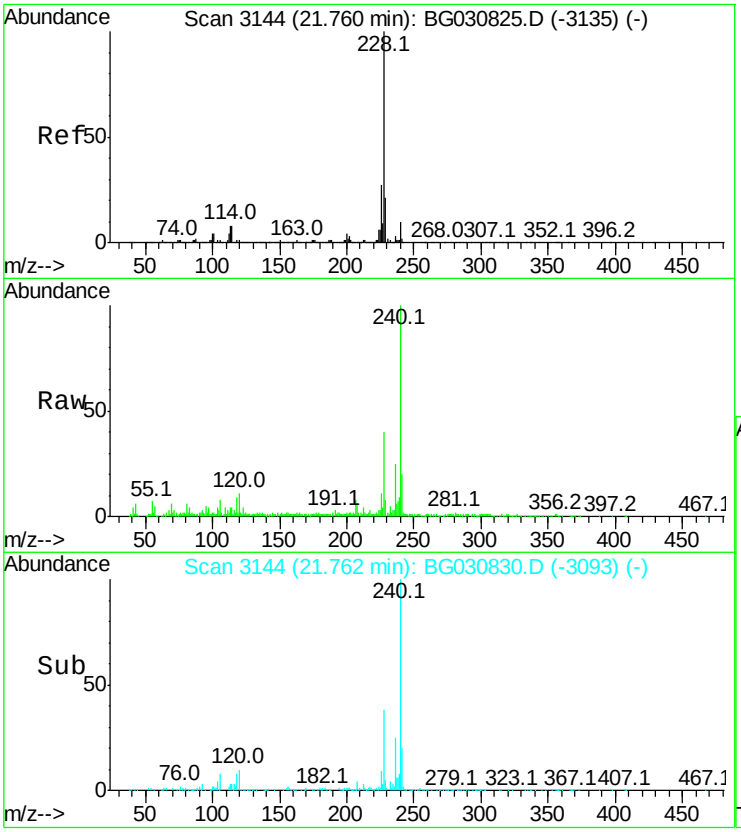


#77
Pyrene
Concen: 1.667 ng/ul
RT: 19.91 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BG030830.D
Acq: 8 Nov 2017 5:08

Tgt Ion:202 Resp: 75698

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.4	12.6
100	8.5	7.0	10.6



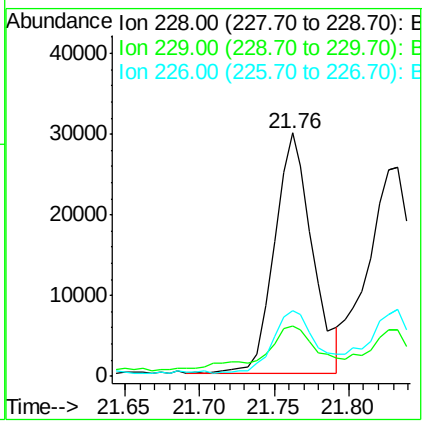


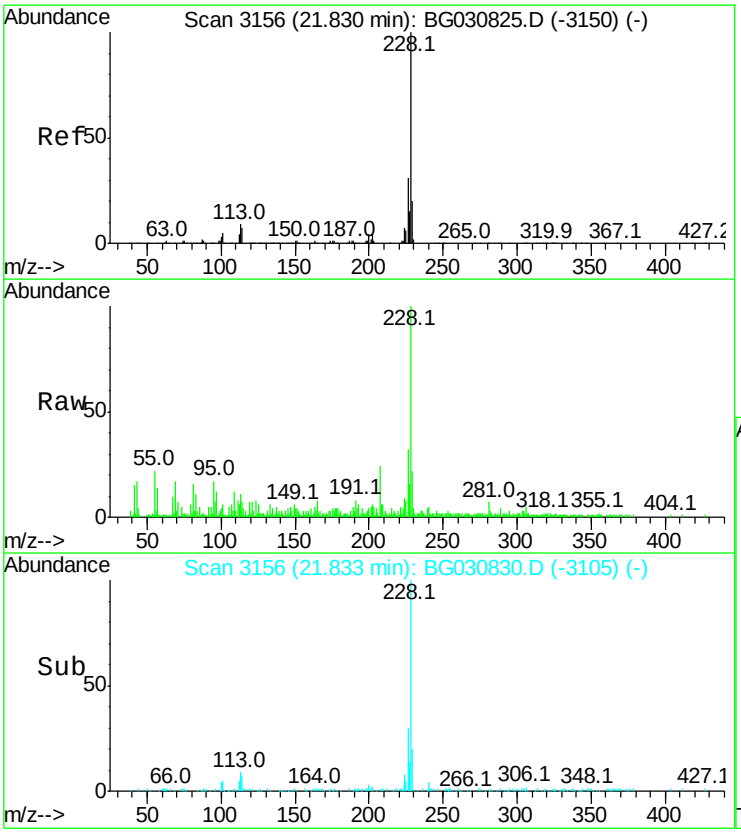
#80
Benzo(a)anthracene
Concen: 1.250 ng/ul
RT: 21.76 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG030830.D
Acq: 8 Nov 2017 5:08

Instrument :
BNA_G
ClientSampleId :
B0EQ5

Tgt Ion:228 Resp: 53093

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.2	24.4
226	27.2	22.2	33.2

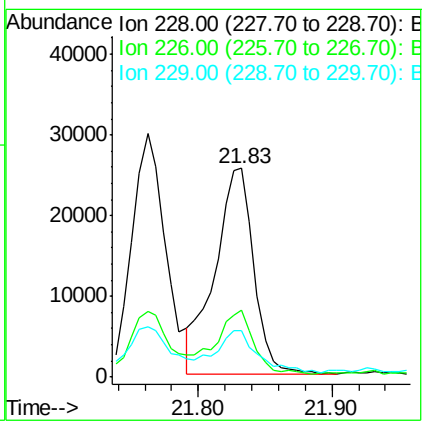


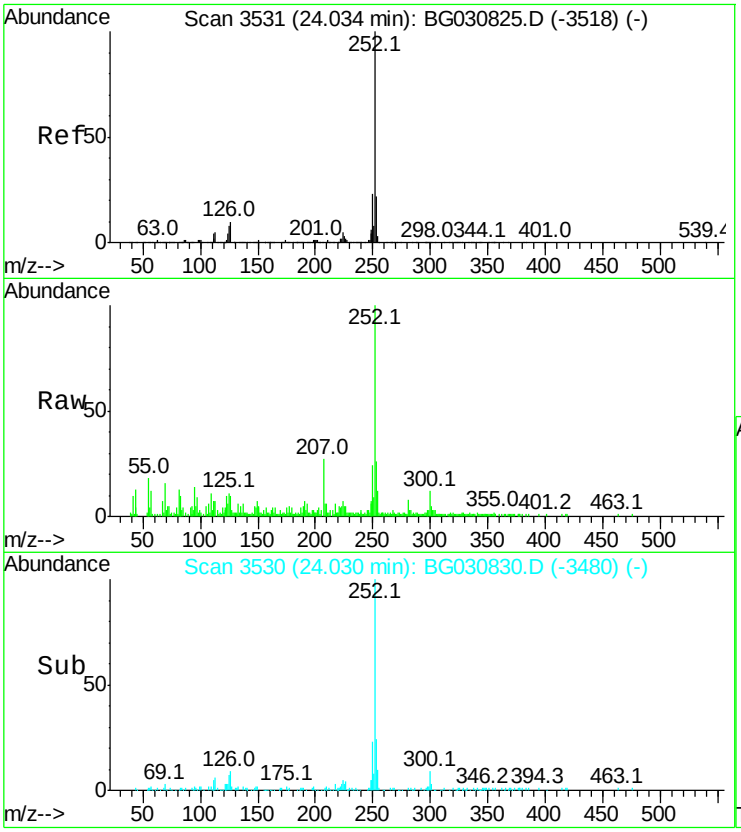


#82
Chrysene
Concen: 1.358 ng/ul
RT: 21.83 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG030830.D
Acq: 8 Nov 2017 5:08

Tgt Ion:228 Resp: 52389

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.2	36.2
229	22.4	15.2	22.8



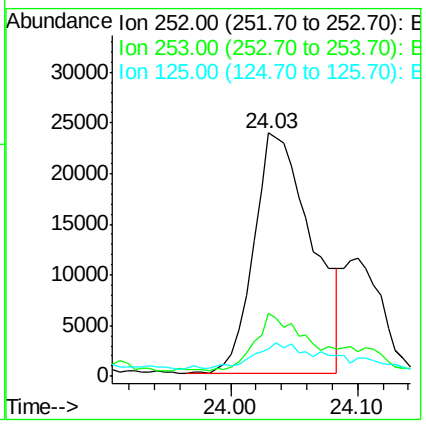


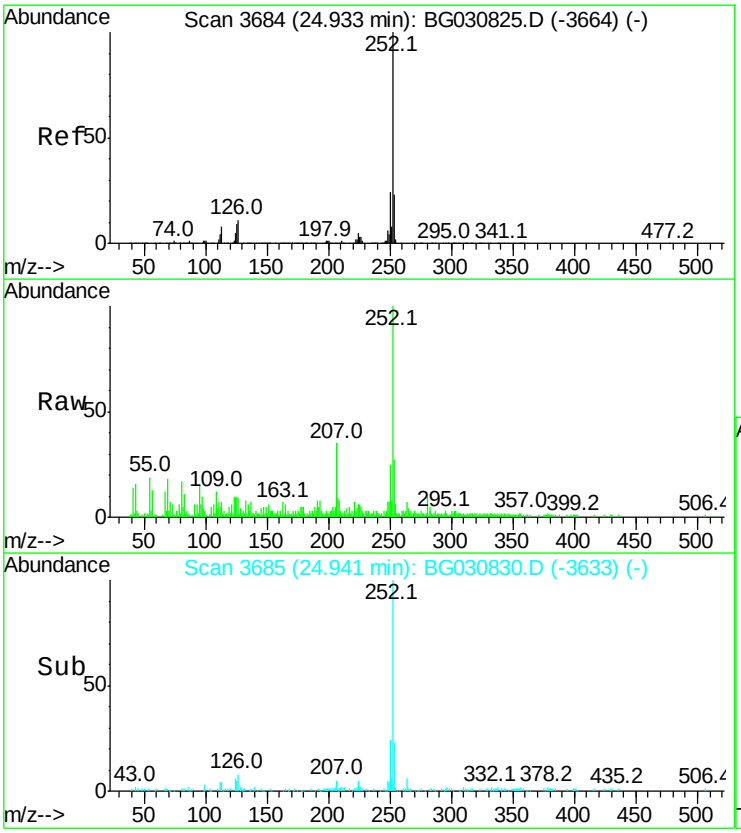
#85
Benzo(b)fluoranthene
Concen: 1.775 ng/ul
RT: 24.03 min Scan# 3530
Delta R.T. -0.00 min
Lab File: BG030830.D
Acq: 8 Nov 2017 5:08

Instrument :
BNA_G
ClientSampleId :
B0EQ5

Tgt Ion:252 Resp: 75618

Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.0	25.4#
125	11.4	7.5	11.3#





#88
Benzo(a)pyrene
Concen: 1.185 ng/ul
RT: 24.94 min Scan# 3685
Delta R.T. 0.01 min
Lab File: BG030830.D
Acq: 8 Nov 2017 5:08

Tgt Ion:252 Resp: 49138

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.1	25.7#
125	10.0	7.8	11.8