Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018541.D
Acq On : 29 Aug 2015 18:08
Operator : UM/MA
Sample : G3476-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ5

Quant Time: Aug 31 03:38:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 31 03:36:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	89351	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	420160	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	283317	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	707324	20.00	ng/ul	-0.01
78) Chrysene-d12	21.64	240	713013	20.00	ng/ul	-0.03
86) Perylene-d12	24.83	264	700118	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	11275	5.58	ng/uL	0.00
5) Phenol-d5	7.24	99	369	0.05	ng/ul	0.07
7) Bis-(2-Chloroethyl)ether-d	7.33	67	169527	33.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	207926	33.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	235427	34.55	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	117292	35.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	126810	38.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	261460	36.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	262510	32.81	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	832703	34.93	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	1042376	34.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	158571	36.98	ng/ul	0.00
58) Fluorene-d10	15.63	176	755866	36.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	110934	31.89	ng/ul	-0.01
71) Anthracene-d10	17.48	188	1202526	35.55	ng/ul	-0.01
79) Pyrene-d10	19.76	212	1262075	34.12	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.62	264	1298108	34.93	ng/ul	-0.06
Target Compounds						Qvalue
45) Dimethylphthalate	14.08	163	323019	13.74	ng/ul	99
70) Phenanthrene	17.42	178	38708	1.01	ng/ul	98
77) Fluoranthene	19.42	202	102899	2.51	ng/ul	99
80) Pyrene	19.79	202	121916	2.53	ng/ul	98
83) Benzo(a)anthracene	21.62	228	52573	1.19	ng/ul	97
85) Chrysene	21.69	228	63535	1.54	ng/ul	93
91) Benzo(a)pyrene	24.68	252	49951	1.19	ng/ul#	90

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

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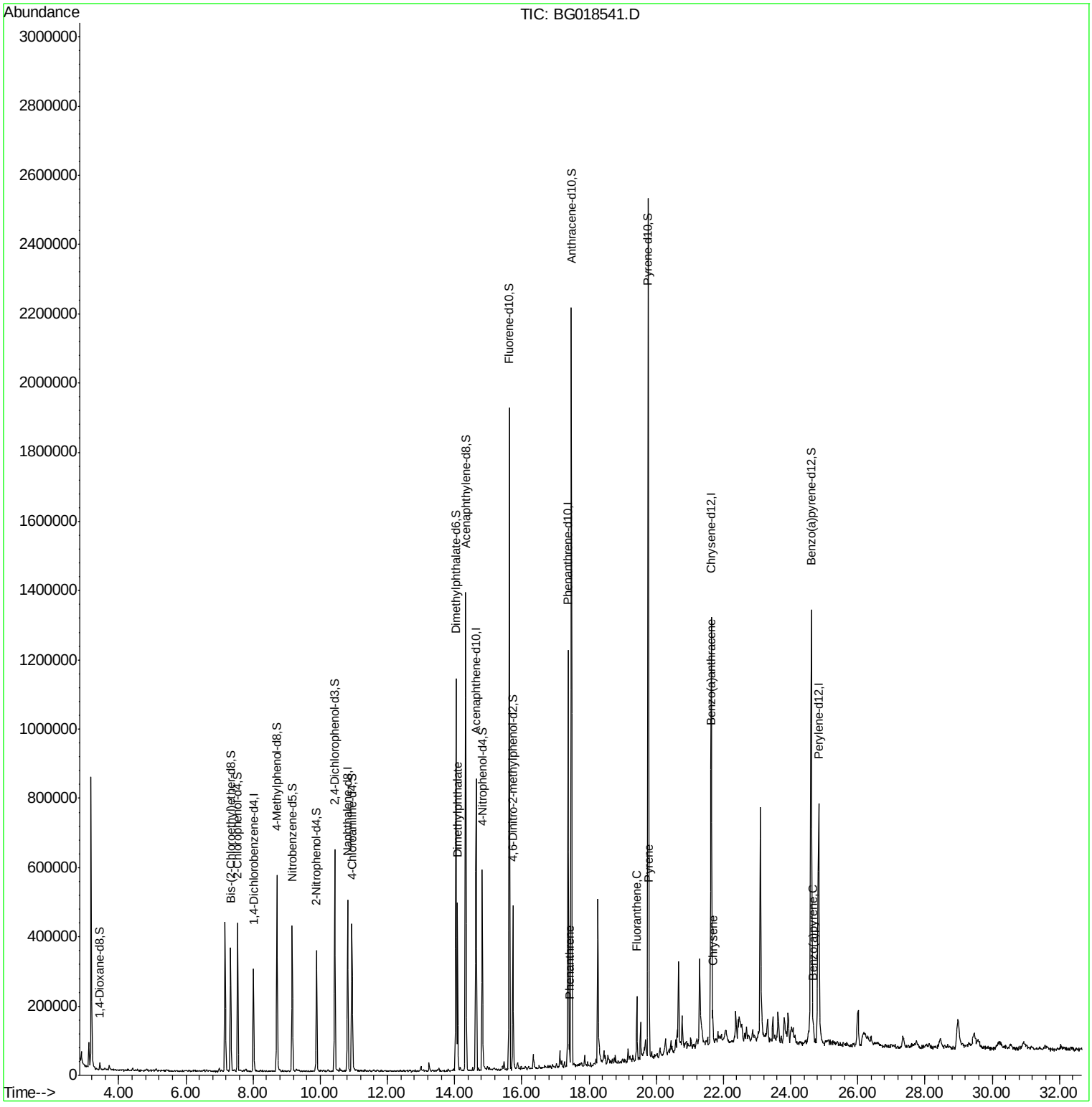
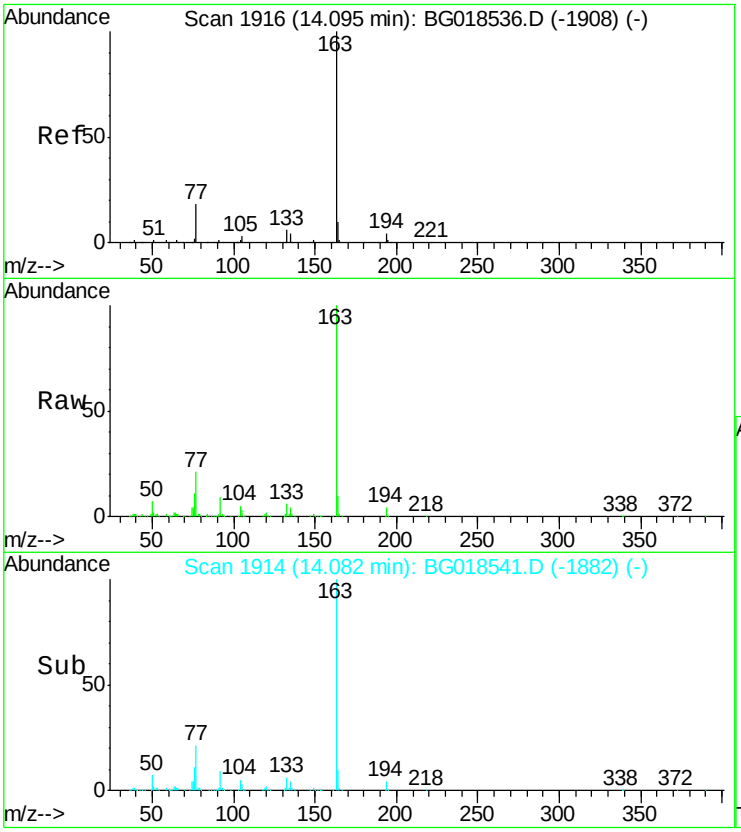


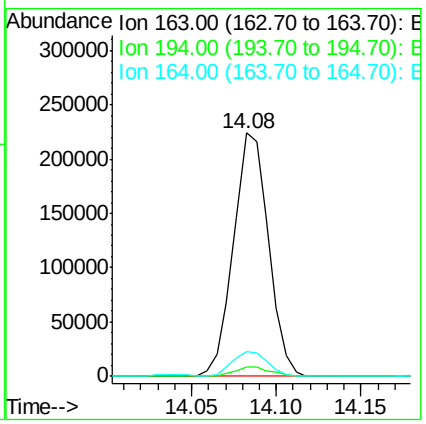


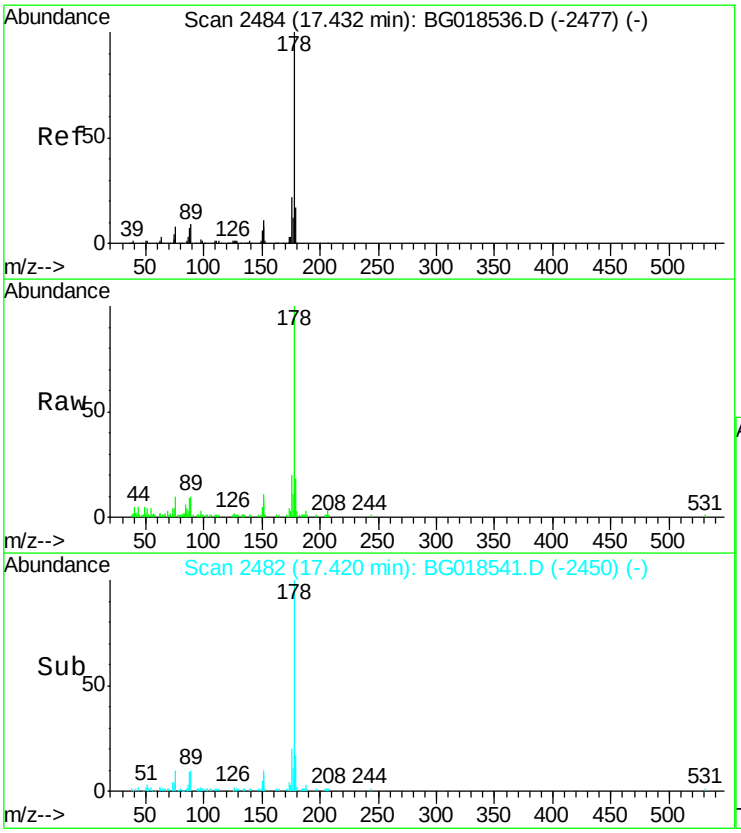
#45
Dimethylphthalate
Concen: 13.74 ng/ul
RT: 14.08 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BG018541.D
Acq: 29 Aug 2015 18:08

Instrument :
BNA_G
ClientSampleId :
BCTJ5

Tgt Ion:163 Resp: 323019

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	10.1	7.7	11.5

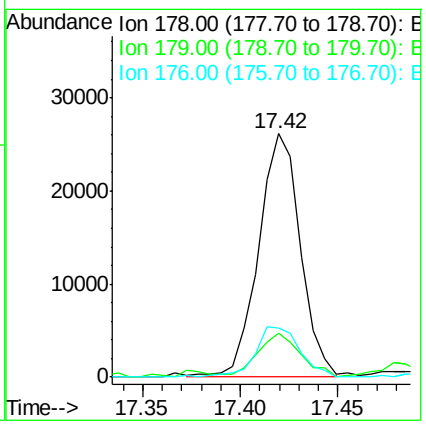


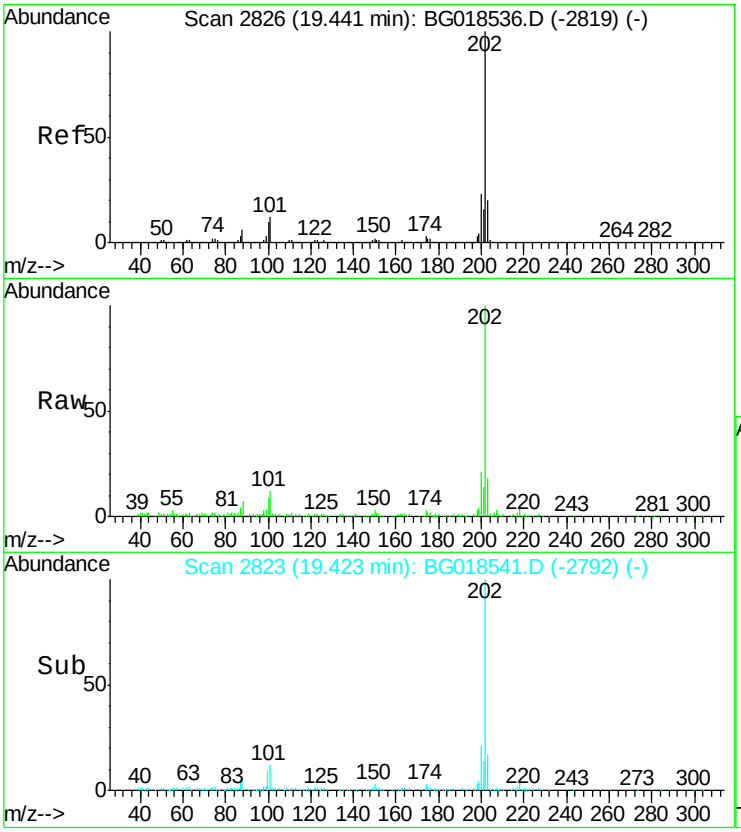


#70
Phenanthrene
Concen: 1.01 ng/ul
RT: 17.42 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BG018541.D
Acq: 29 Aug 2015 18:08

Tgt Ion:178 Resp: 38708

Ion	Ratio	Lower	Upper
178	100		
179	17.9	13.7	20.5
176	20.1	16.6	24.8



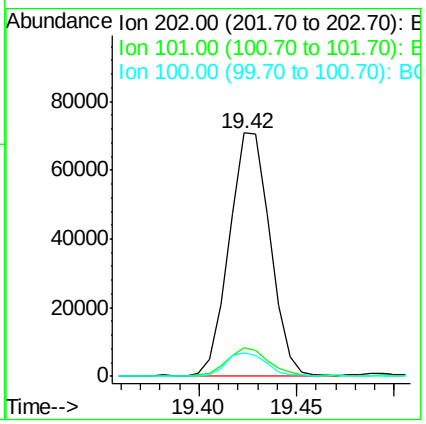


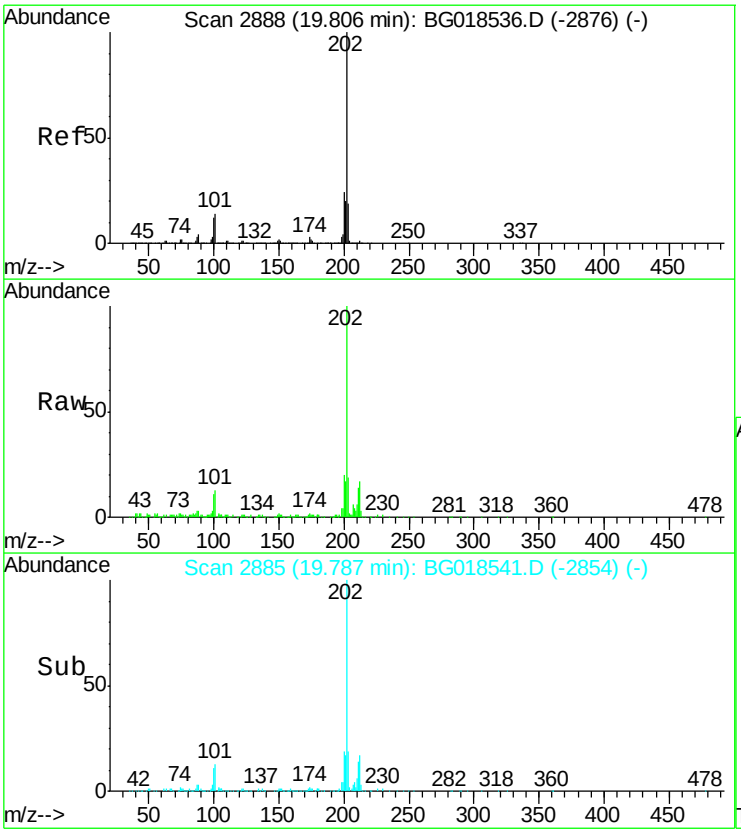
#77
Fluoranthene
Concen: 2.51 ng/ul
RT: 19.42 min Scan# 2823
Delta R.T. -0.02 min
Lab File: BG018541.D
Acq: 29 Aug 2015 18:08

Instrument :
BNA_G
ClientSampleId :
BCTJ5

Tgt Ion:202 Resp: 102899

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.7	14.5
100	9.5	7.8	11.8

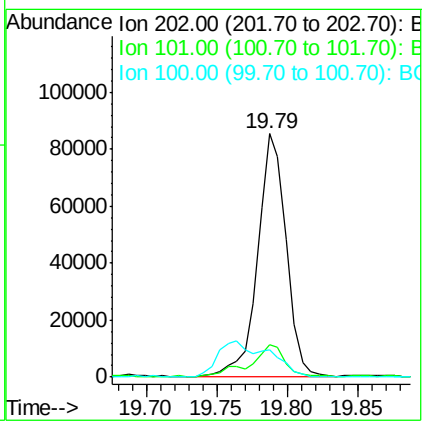


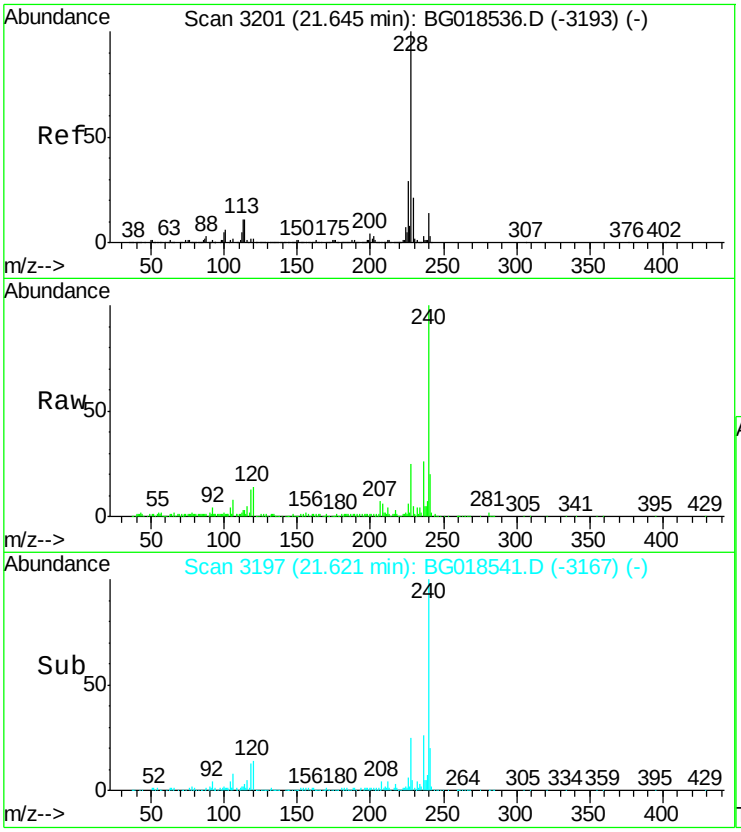


#80
Pyrene
Concen: 2.53 ng/ul
RT: 19.79 min Scan# 2885
Delta R.T. -0.02 min
Lab File: BG018541.D
Acq: 29 Aug 2015 18:08

Tgt Ion:202 Resp: 121916

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.0	16.4
100	11.0	9.8	14.6



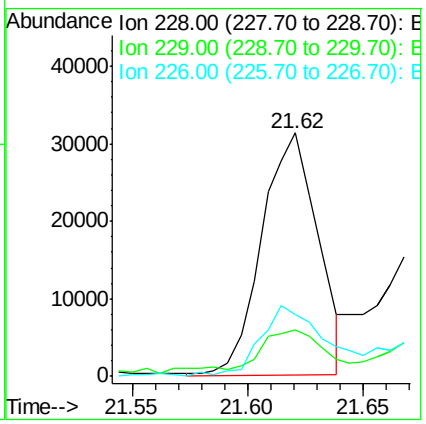


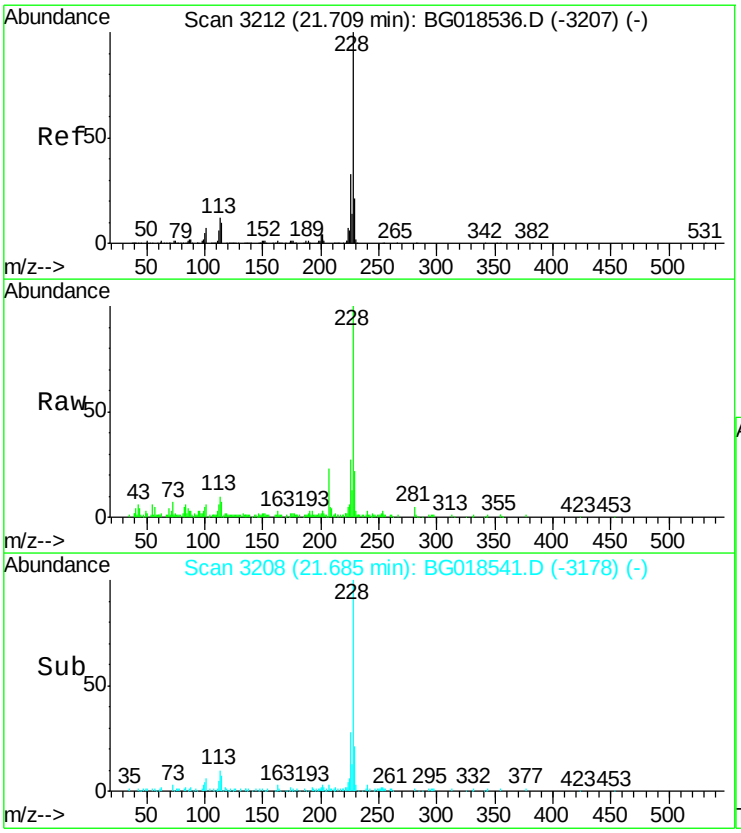
#83
Benzo(a)anthracene
Concen: 1.19 ng/ul
RT: 21.62 min Scan# 3197
Delta R.T. -0.02 min
Lab File: BG018541.D
Acq: 29 Aug 2015 18:08

Instrument :
BNA_G
ClientSampleId :
BCTJ5

Tgt Ion:228 Resp: 52573

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.5	23.3
226	25.4	22.1	33.1

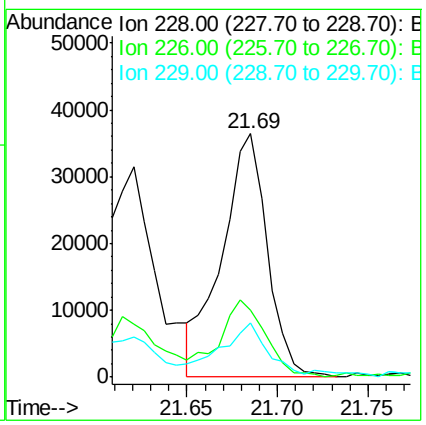


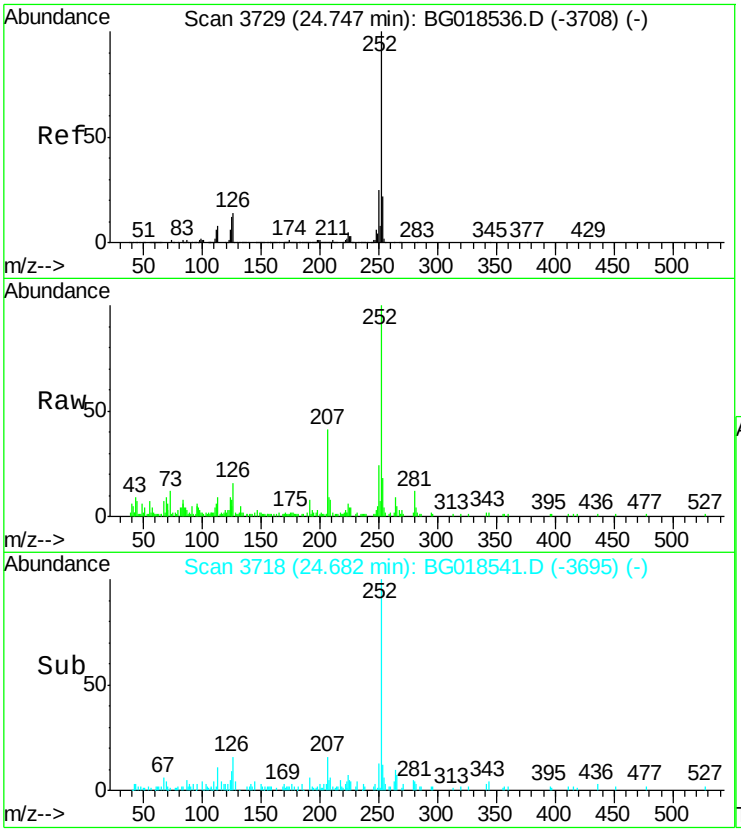


#85
Chrysene
Concen: 1.54 ng/ul
RT: 21.69 min Scan# 3208
Delta R.T. -0.02 min
Lab File: BG018541.D
Acq: 29 Aug 2015 18:08

Tgt Ion:228 Resp: 63535

Ion	Ratio	Lower	Upper
228	100		
226	27.5	26.5	39.7
229	22.5	16.9	25.3





#91
Benzo(a)pyrene
Concen: 1.19 ng/ul
RT: 24.68 min Scan# 3718
Delta R.T. -0.07 min
Lab File: BG018541.D
Acq: 29 Aug 2015 18:08

Instrument :
BNA_G
ClientSampleId :
BCTJ5

Tgt Ion:252 Resp: 49951

Ion	Ratio	Lower	Upper
252	100		
253	18.3	17.7	26.5
125	7.5	10.2	15.2#