Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018545.D
Acq On : 29 Aug 2015 20:40
Operator : UM/MA
Sample : G3476-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ2

Quant Time: Aug 31 04:59:13 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	91170	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	448845	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	296546	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	718851	20.00	ng/ul	-0.01
78) Chrysene-d12	21.64	240	714259	20.00	ng/ul	-0.03
86) Perylene-d12	24.84	264	705933	20.00	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	7395	3.58	ng/uL	0.00
5) Phenol-d5	7.17	99	221861	26.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	122263	23.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	160426	25.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	179610	25.83	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	87284	24.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	94034	26.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	202203	26.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	191472	22.40	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	633188	25.38	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	815320	25.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	117445	26.17	ng/ul	0.00
58) Fluorene-d10	15.63	176	585102	26.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	82532	23.34	ng/ul	-0.01
71) Anthracene-d10	17.48	188	903770	26.29	ng/ul	-0.01
79) Pyrene-d10	19.76	212	937903	25.31	ng/ul	-0.02
90) Benzo(a)pyrene-d12	24.61	264	953174	25.43	ng/ul	-0.06
Target Compounds						Qvalue
45) Dimethylphthalate	14.08	163	244292	9.93	ng/ul#	97
70) Phenanthrene	17.42	178	50131	1.29	ng/ul	96
77) Fluoranthene	19.43	202	121381	2.91	ng/ul	99
80) Pyrene	19.79	202	139653	2.89	ng/ul	98
83) Benzo(a)anthracene	21.62	228	59458	1.34	ng/ul	94
85) Chrysene	21.69	228	79188	1.91	ng/ul	95
88) Benzo(b)fluoranthene	23.83	252	91403	2.06	ng/ul#	94
91) Benzo(a)pyrene	24.68	252	59580	1.41	ng/ul	94

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

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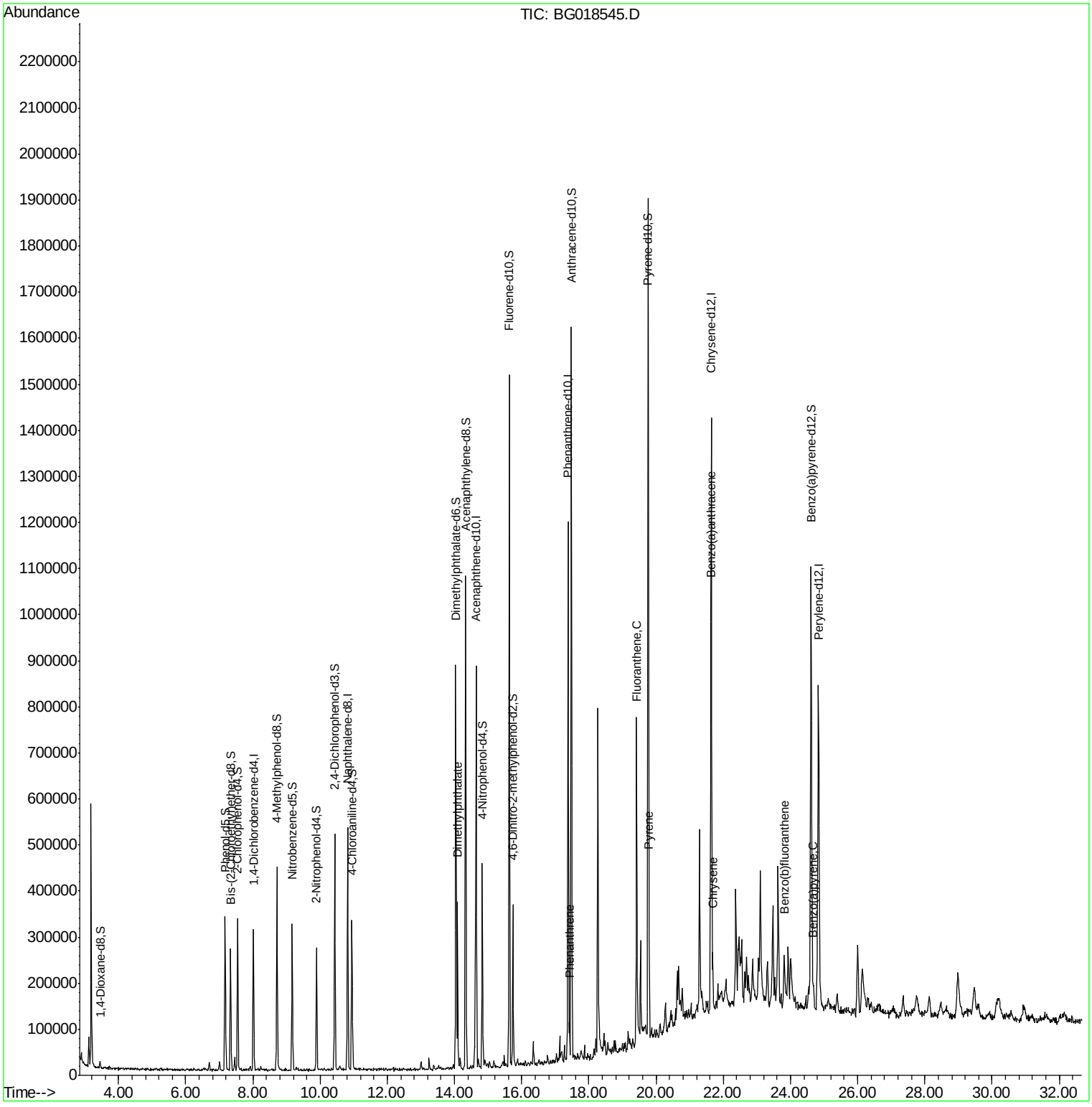
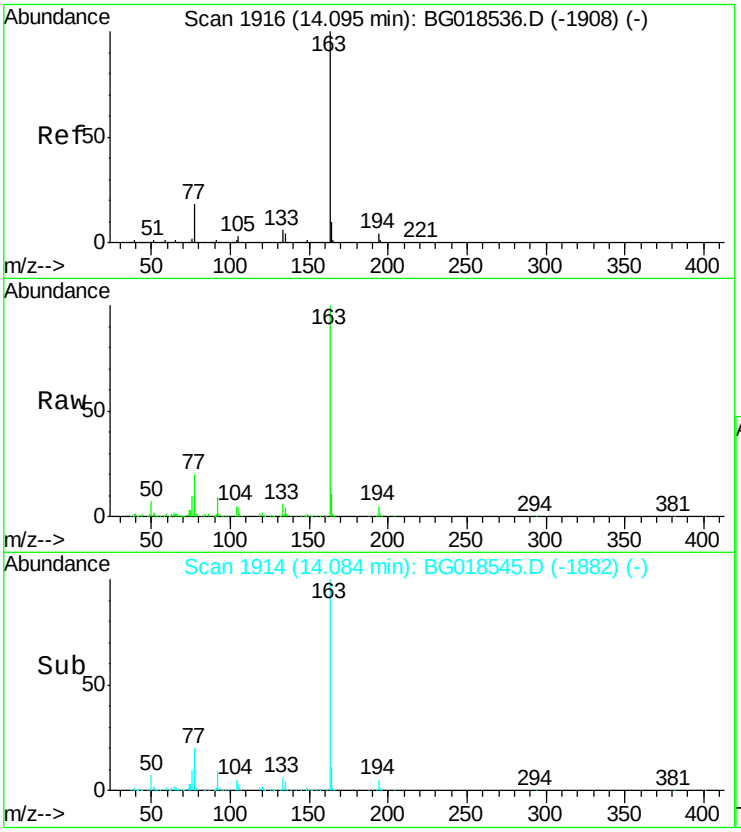


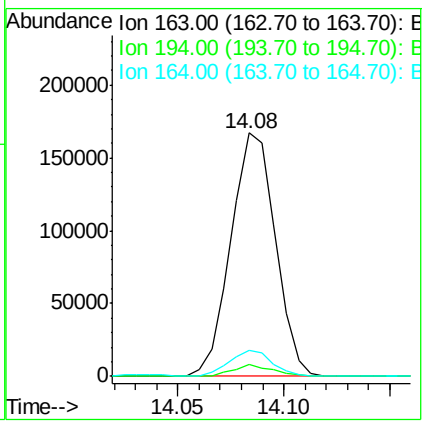


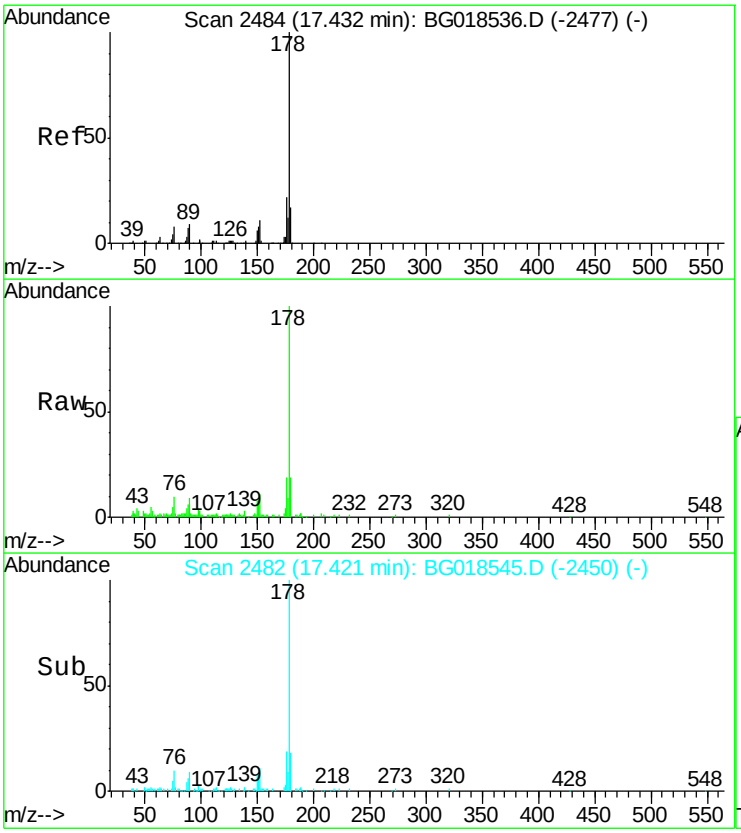
#45
Dimethylphthalate
Concen: 9.93 ng/ul
RT: 14.08 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BG018545.D
Acq: 29 Aug 2015 20:40

Instrument :
BNA_G
ClientSampleId :
BCTJ2

Tgt Ion:163 Resp: 244292

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.9	4.3#
164	10.6	7.7	11.5

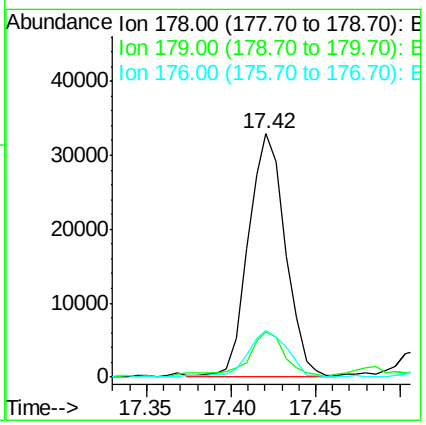


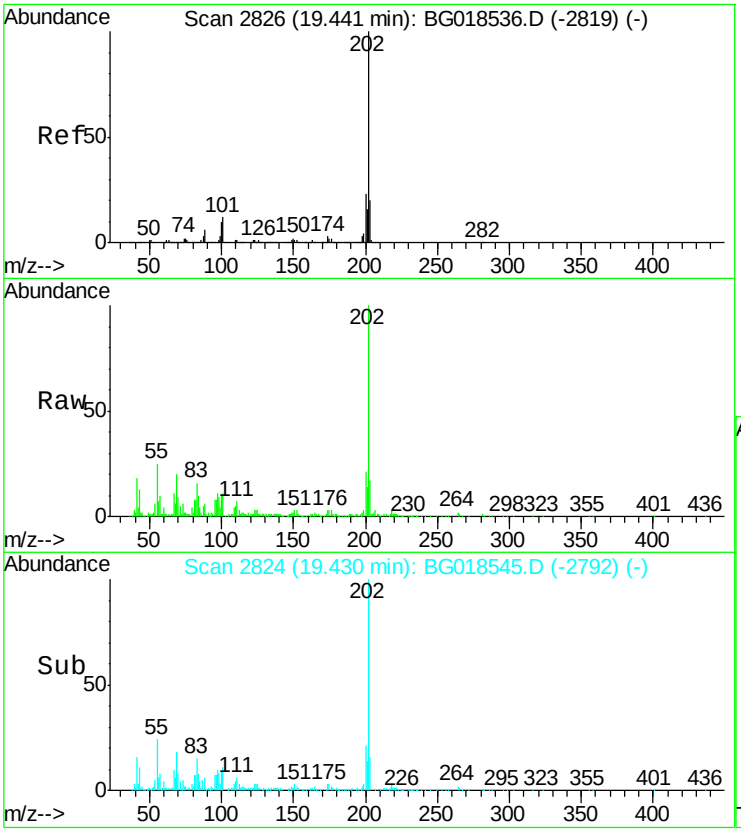


#70
Phenanthrene
Concen: 1.29 ng/ul
RT: 17.42 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BG018545.D
Acq: 29 Aug 2015 20:40

Tgt Ion:178 Resp: 50131

Ion	Ratio	Lower	Upper
178	100		
179	18.7	13.7	20.5
176	19.0	16.6	24.8



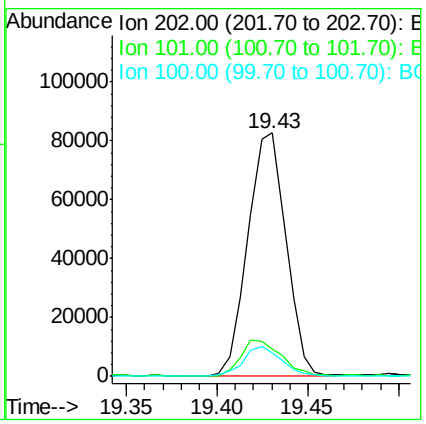


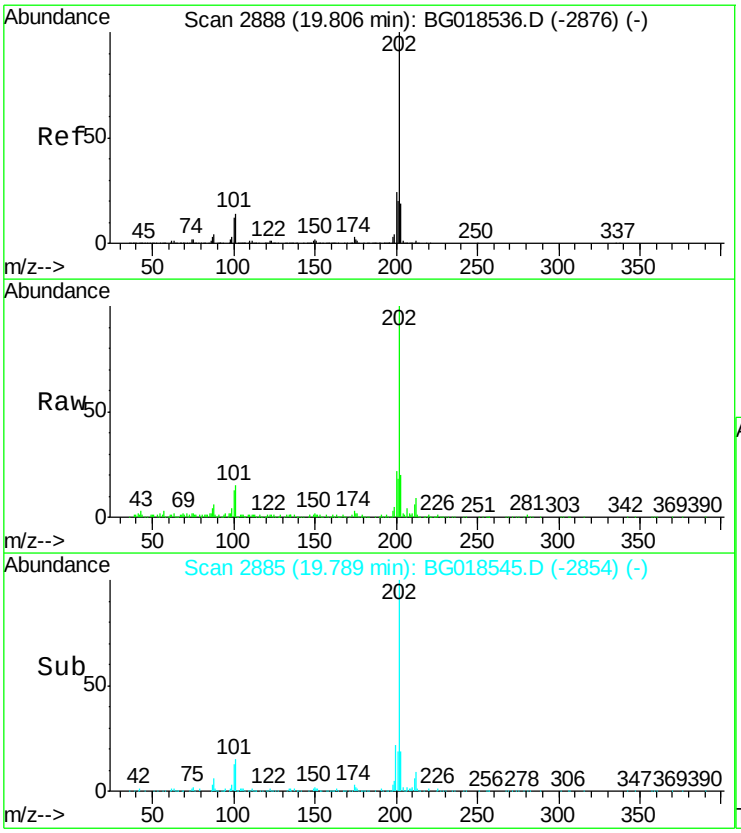
#77
Fluoranthene
Concen: 2.91 ng/ul
RT: 19.43 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BG018545.D
Acq: 29 Aug 2015 20:40

Instrument :
BNA_G
ClientSampleId :
BCTJ2

Tgt Ion:202 Resp: 121381

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.7	14.5
100	9.7	7.8	11.8

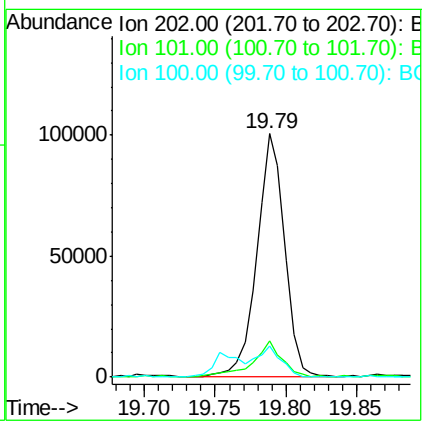


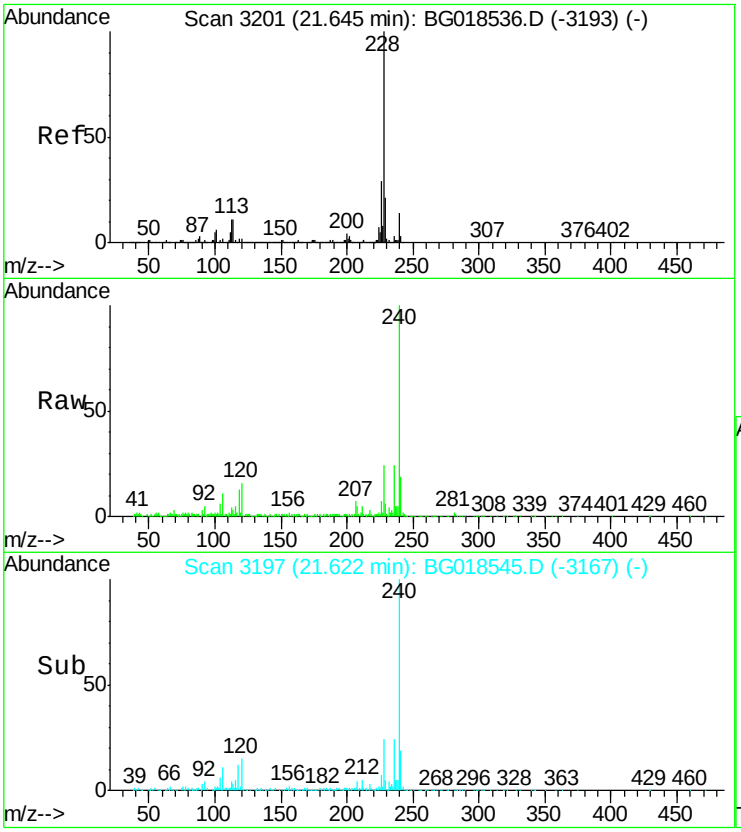


#80
Pyrene
Concen: 2.89 ng/ul
RT: 19.79 min Scan# 2885
Delta R.T. -0.02 min
Lab File: BG018545.D
Acq: 29 Aug 2015 20:40

Tgt Ion:202 Resp: 139653

Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.0	16.4
100	12.8	9.8	14.6



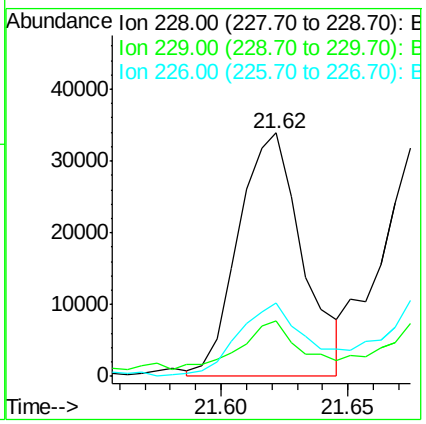


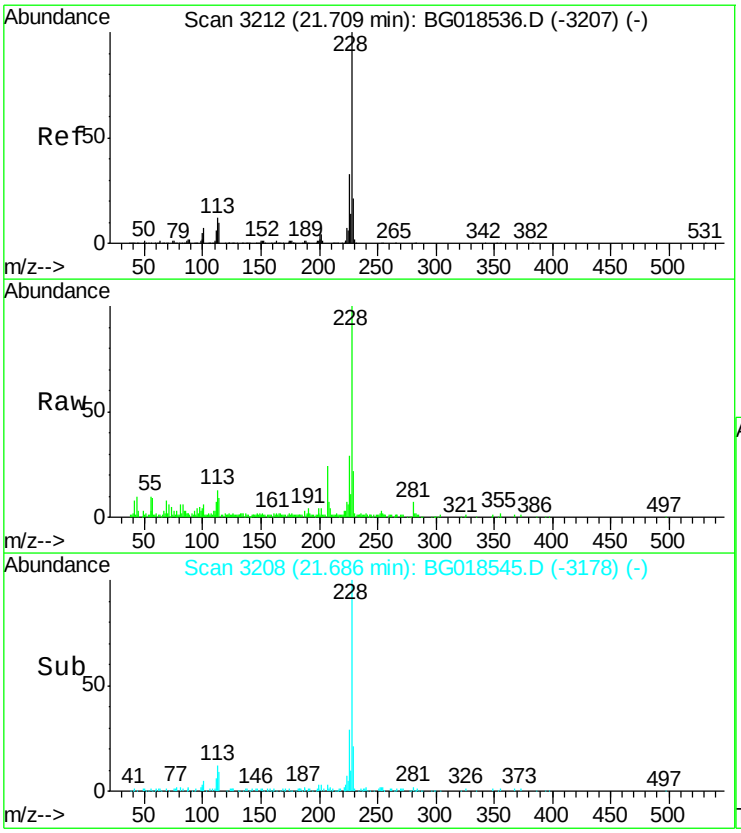
#83
Benzo(a)anthracene
Concen: 1.34 ng/ul
RT: 21.62 min Scan# 3197
Delta R.T. -0.02 min
Lab File: BG018545.D
Acq: 29 Aug 2015 20:40

Instrument :
BNA_G
ClientSampleId :
BCTJ2

Tgt Ion:228 Resp: 59458

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.5	23.3
226	30.3	22.1	33.1

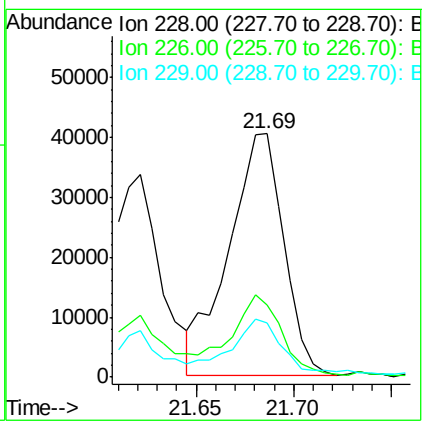


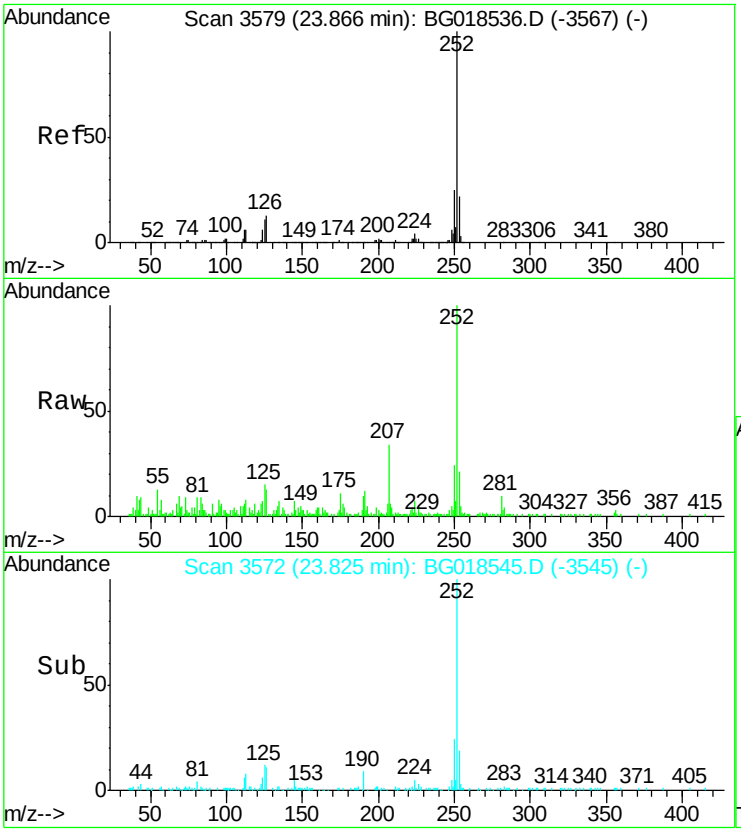


#85
Chrysene
Concen: 1.91 ng/ul
RT: 21.69 min Scan# 3208
Delta R.T. -0.02 min
Lab File: BG018545.D
Acq: 29 Aug 2015 20:40

Tgt Ion:228 Resp: 79188

Ion	Ratio	Lower	Upper
228	100		
226	29.4	26.5	39.7
229	22.2	16.9	25.3



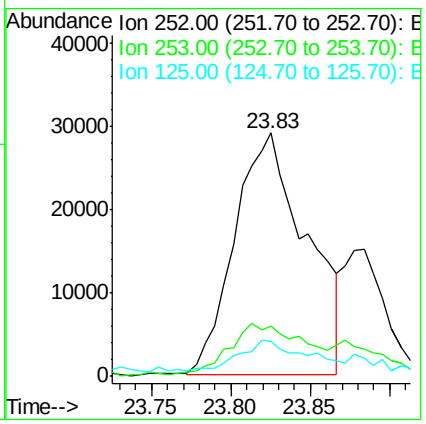


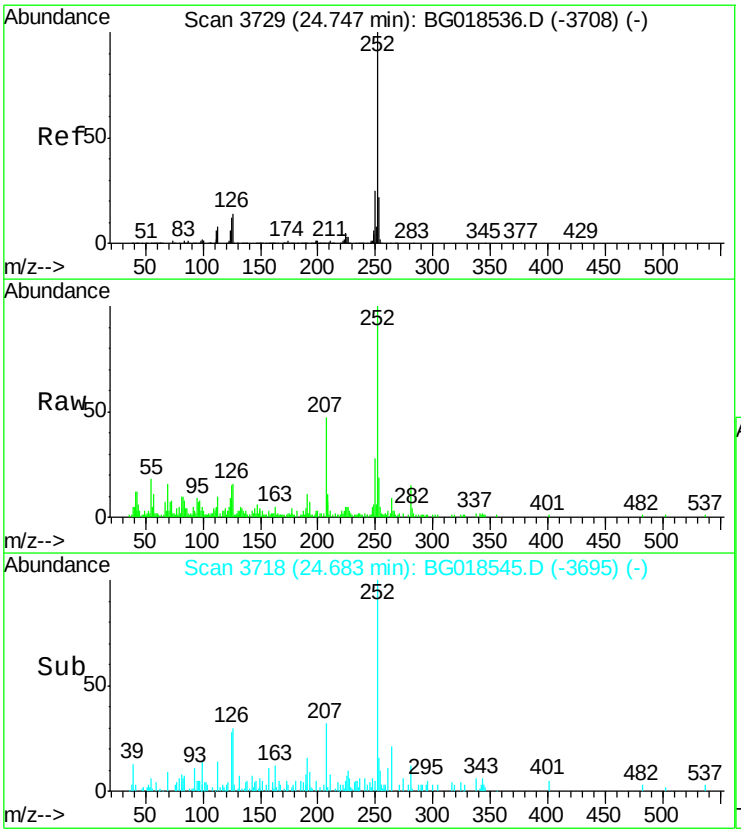
#88
Benzo(b)fluoranthene
Concen: 2.06 ng/ul
RT: 23.83 min Scan# 3572
Delta R.T. -0.04 min
Lab File: BG018545.D
Acq: 29 Aug 2015 20:40

Instrument :
BNA_G
ClientSampleId :
BCTJ2

Tgt Ion:252 Resp: 91403

Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.1	27.1
125	14.5	8.3	12.5#





#91
Benzo(a)pyrene
Concen: 1.41 ng/ul
RT: 24.68 min Scan# 3718
Delta R.T. -0.06 min
Lab File: BG018545.D
Acq: 29 Aug 2015 20:40

Tgt Ion:252 Resp: 59580

Ion	Ratio	Lower	Upper
252	100		
253	19.2	17.7	26.5
125	15.1	10.2	15.2