Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
Data File : BG019344.D
Acq On : 24 Oct 2015 20:22
Operator : UM/NP
Sample : G4058-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E5LS0

Quant Time: Oct 25 03:30:39 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 25 03:28:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	43646	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	175725	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	135393	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	362793	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	436570	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	418881	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	2119	2.70	ng/uL	0.00
5) Phenol-d5	7.37	99	47145	12.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	36138	15.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	33490	13.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	34649	11.57	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	18755	14.05	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	21987	14.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	41069	12.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	19973	6.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	169620	15.11	ng/ul	0.00
47) Acenaphthylene-d8	14.55	160	183869	14.80	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	3678	2.01	ng/ul	0.01
58) Fluorene-d10	15.84	176	155177	14.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	15481	6.48	ng/ul	0.00
71) Anthracene-d10	17.70	188	256826	15.46	ng/ul	0.00
79) Pyrene-d10	19.97	212	285717	14.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	317569	14.86	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.30	163	92412	8.24	ng/ul#	97
70) Phenanthrene	17.64	178	30815	1.68	ng/ul	95
77) Fluoranthene	19.63	202	67788	2.75	ng/ul#	93
80) Pyrene	19.99	202	63888	2.61	ng/ul#	96
83) Benzo(a)anthracene	21.93	228	39788	1.57	ng/ul	95
85) Chrysene	21.93	228	38631	1.66	ng/ul	96
88) Benzo(b)fluoranthene	24.20	252	47679	1.86	ng/ul#	85
91) Benzo(a)pyrene	25.11	252	34269	1.44	ng/ul#	90

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

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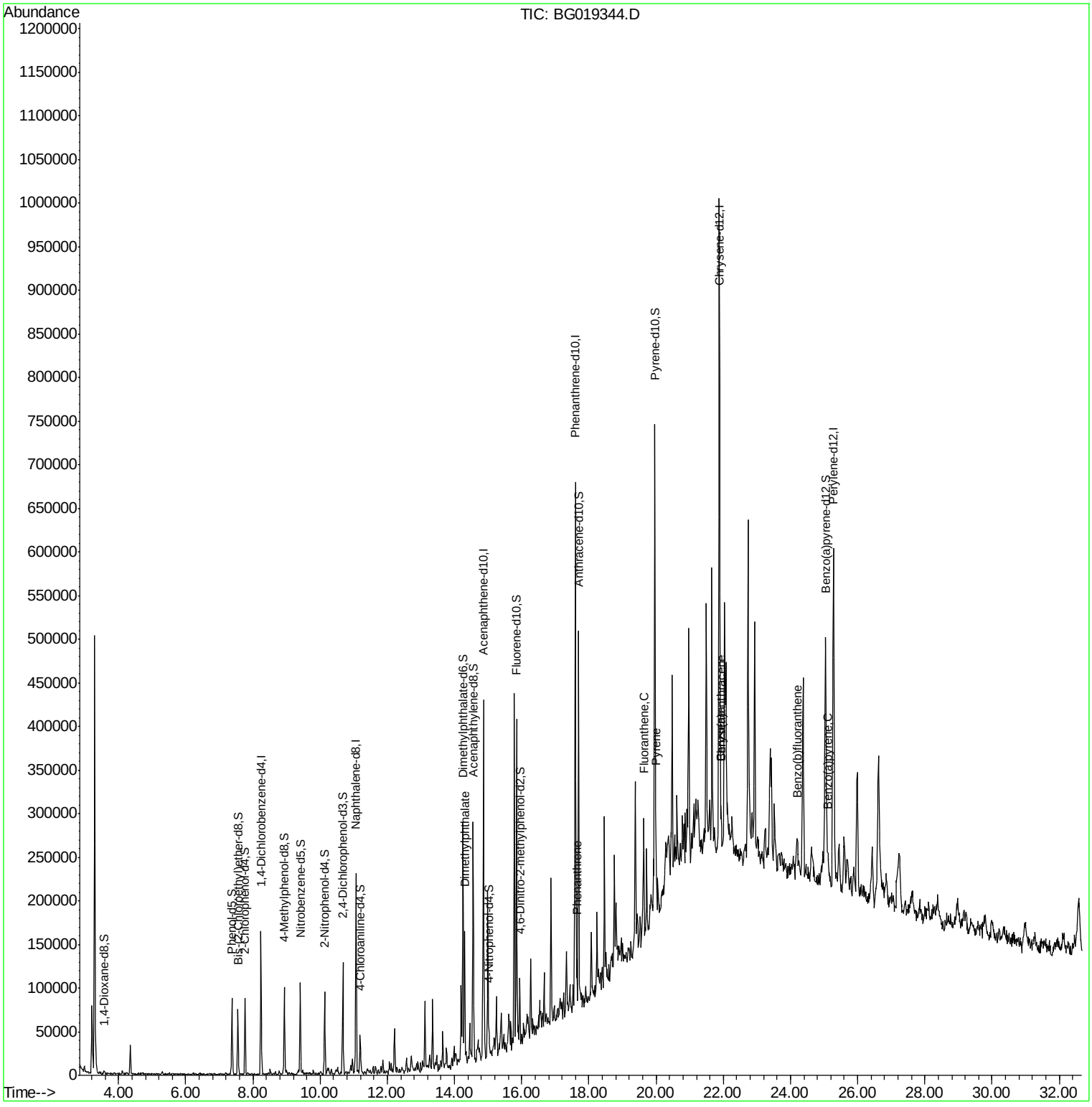
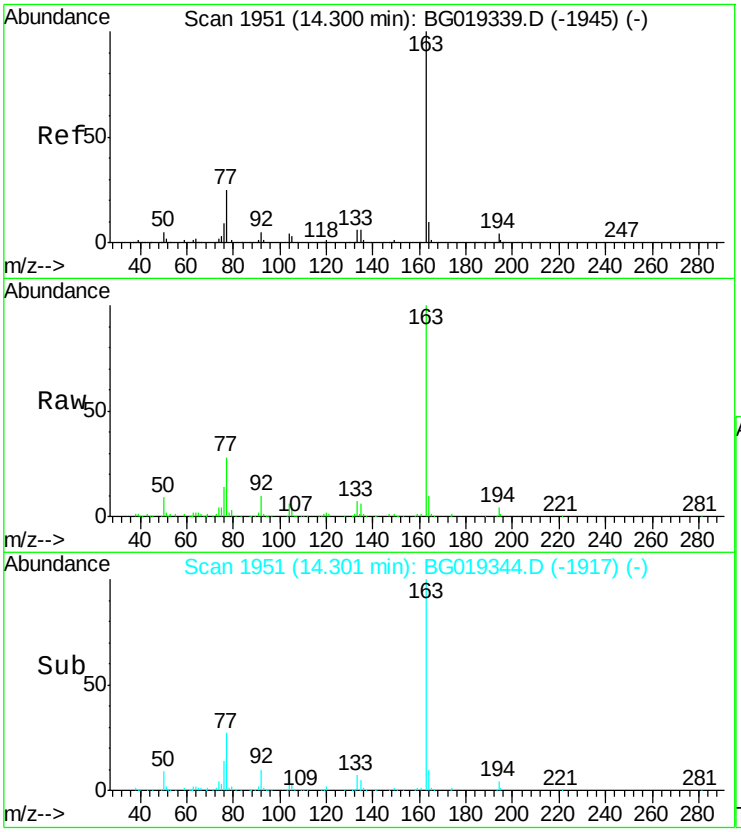


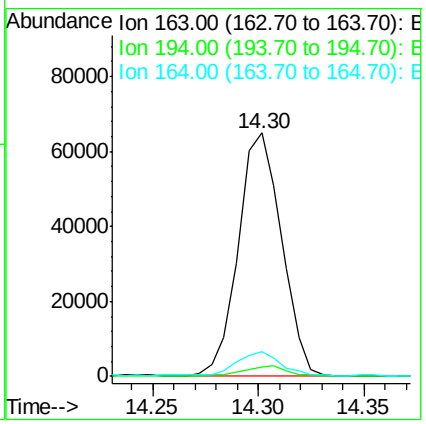


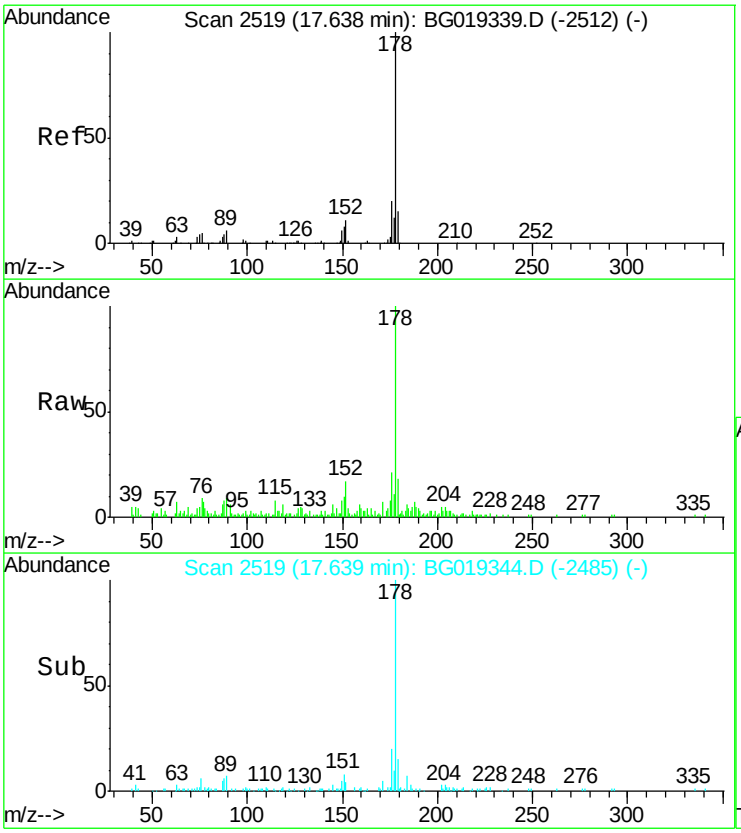
#45
Dimethylphthalate
Concen: 8.24 ng/ul
RT: 14.30 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG019344.D
Acq: 24 Oct 2015 20:22

Instrument :
BNA_G
ClientSampleId :
E5LS0

Tgt Ion:163 Resp: 92412

Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.3	6.5#
164	10.0	7.5	11.3

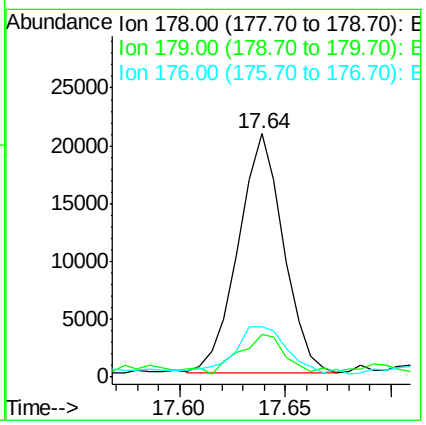


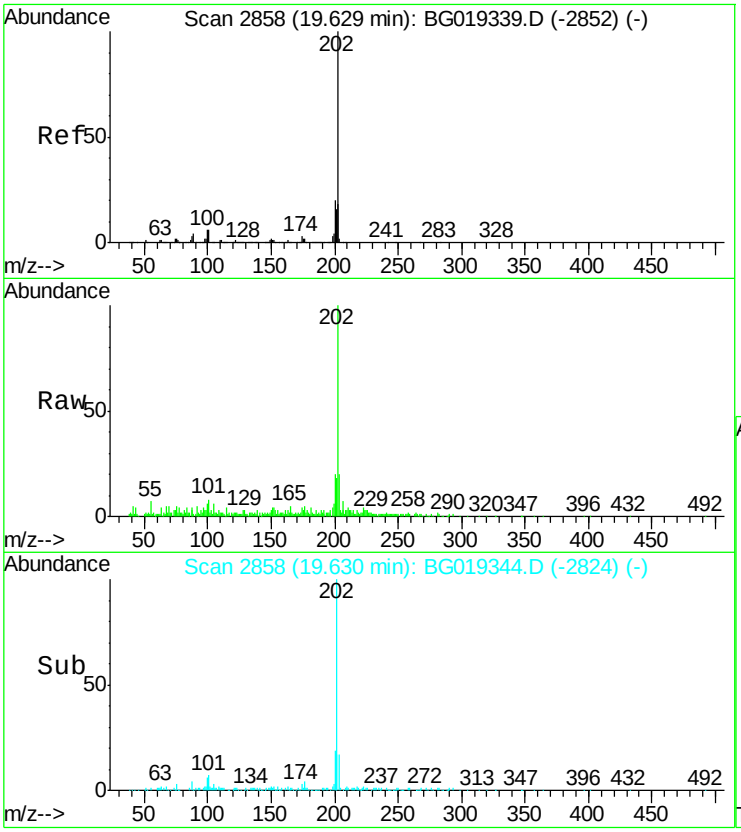


#70
Phenanthrene
Concen: 1.68 ng/ul
RT: 17.64 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BG019344.D
Acq: 24 Oct 2015 20:22

Tgt Ion:178 Resp: 30815

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.6	18.8
176	20.5	14.3	21.5



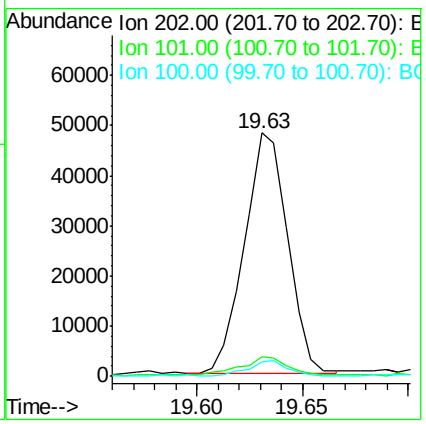


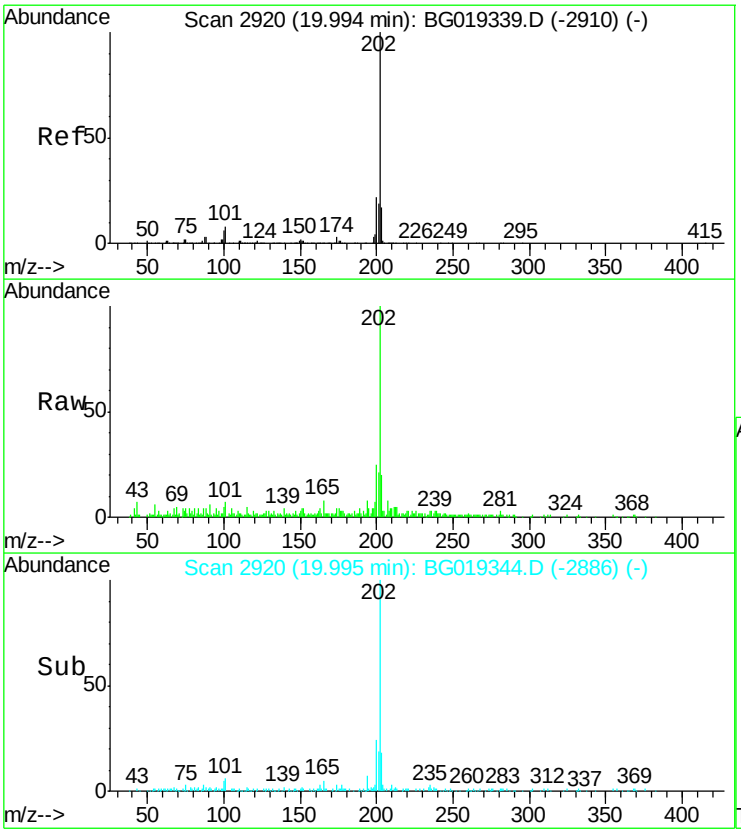
#77
Fluoranthene
Concen: 2.75 ng/ul
RT: 19.63 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BG019344.D
Acq: 24 Oct 2015 20:22

Instrument :
BNA_G
ClientSampleId :
E5LS0

Tgt Ion:202 Resp: 67788

Ion	Ratio	Lower	Upper
202	100		
101	8.1	4.0	6.0#
100	6.0	3.6	5.4#

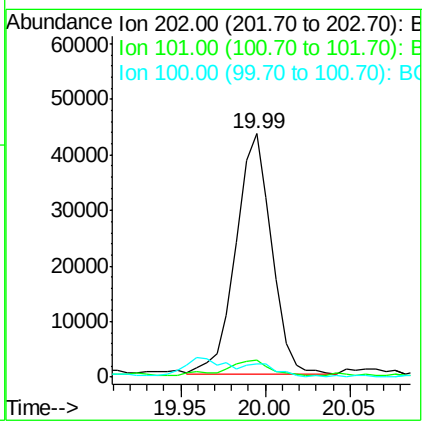


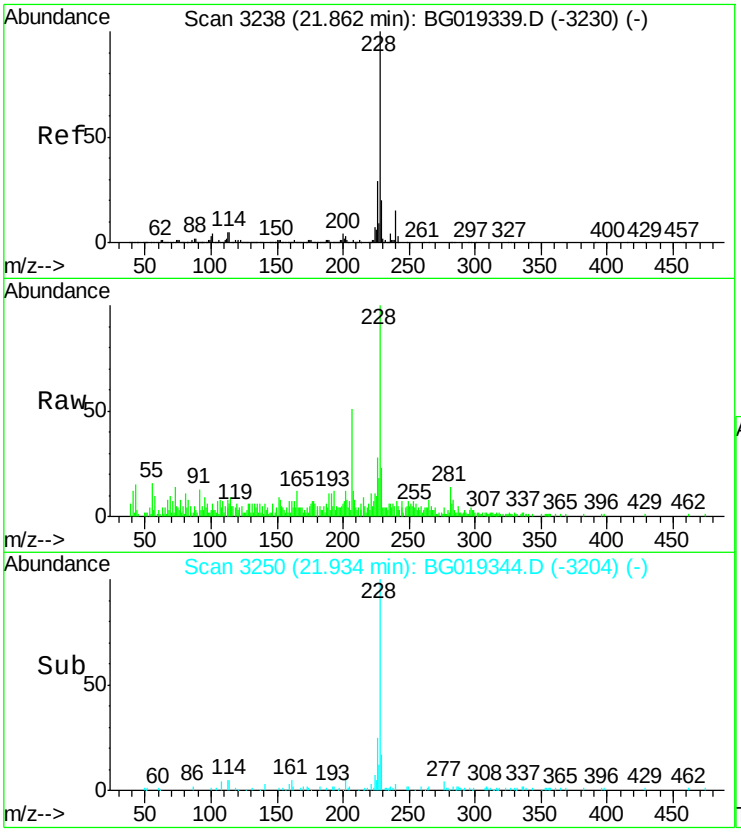


#80
Pyrene
Concen: 2.61 ng/ul
RT: 19.99 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BG019344.D
Acq: 24 Oct 2015 20:22

Tgt Ion:202 Resp: 63888

Ion	Ratio	Lower	Upper
202	100		
101	7.2	4.3	6.5#
100	5.2	3.6	5.4



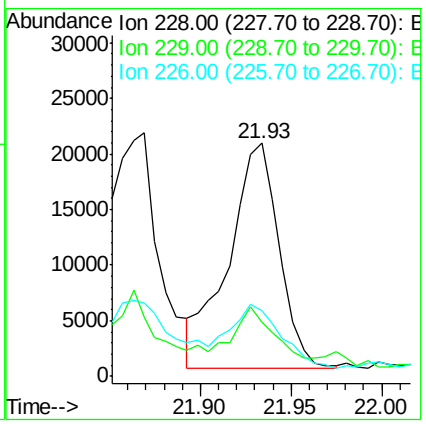


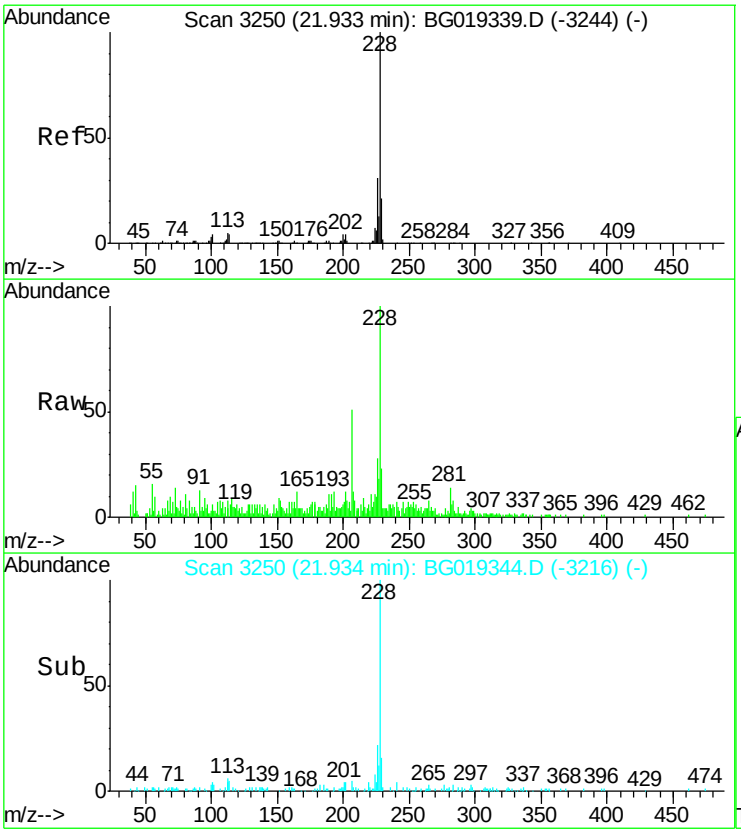
#83
Benzo(a)anthracene
Concen: 1.57 ng/ul
RT: 21.93 min Scan# 3250
Delta R.T. 0.07 min
Lab File: BG019344.D
Acq: 24 Oct 2015 20:22

Instrument :
BNA_G
ClientSampleId :
E5LS0

Tgt Ion:228 Resp: 39788

Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.8	23.8
226	28.3	21.8	32.6

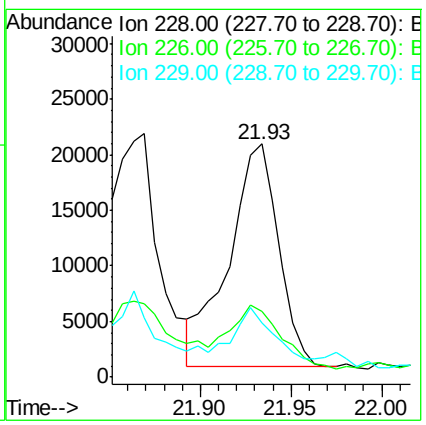


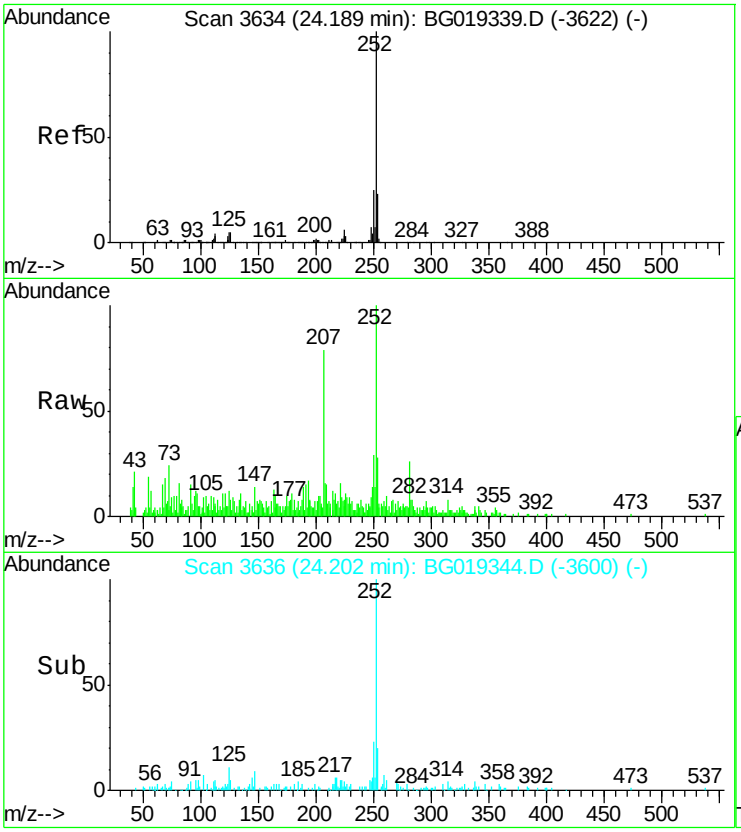


#85
Chrysene
Concen: 1.66 ng/ul
RT: 21.93 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BG019344.D
Acq: 24 Oct 2015 20:22

Tgt Ion:228 Resp: 38631

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.6	36.8
229	23.4	17.3	25.9



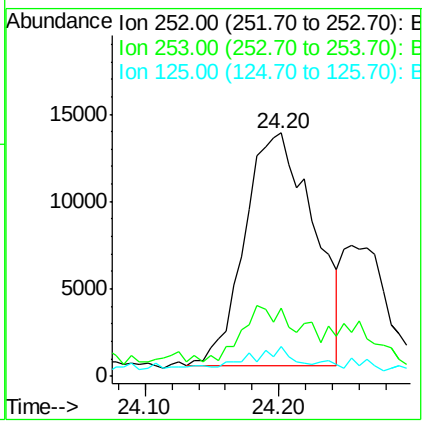


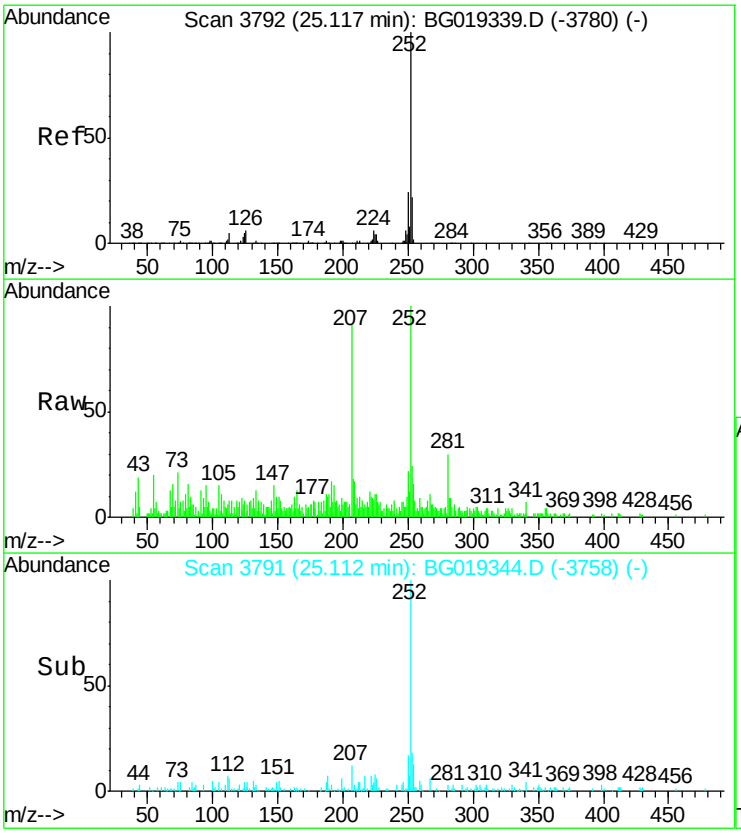
#88
Benzo(b)fluoranthene
Concen: 1.86 ng/ul
RT: 24.20 min Scan# 3636
Delta R.T. 0.01 min
Lab File: BG019344.D
Acq: 24 Oct 2015 20:22

Instrument :
BNA_G
ClientSampleId :
E5LS0

Tgt Ion:252 Resp: 47679

Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.1	25.7#
125	12.2	2.5	3.7#





#91
Benzo(a)pyrene
Concen: 1.44 ng/ul
RT: 25.11 min Scan# 3791
Delta R.T. -0.00 min
Lab File: BG019344.D
Acq: 24 Oct 2015 20:22

Tgt Ion:252 Resp: 34269

Ion	Ratio	Lower	Upper
252	100		
253	24.4	16.0	24.0#
125	8.1	3.3	4.9#