Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112215\
Data File : BG019795.D
Acq On : 22 Nov 2015 23:56
Operator : UM/NP
Sample : G4345-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4J54

Quant Time: Nov 23 04:19:41 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 04:11:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	22217	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	96757	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	81156	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	220720	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	280835	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	268507	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	1210	2.33	ng/uL	0.00
5) Phenol-d5	7.26	99	39131	17.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	22968	15.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	24377	16.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	31792	16.87	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	13423	16.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	16123	18.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	36166	18.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	6883	3.75	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	129769	17.68	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	134563	16.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	17059	14.75	ng/ul	0.00
58) Fluorene-d10	15.74	176	107205	16.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	22109	15.51	ng/ul	0.00
71) Anthracene-d10	17.59	188	174901	16.32	ng/ul	0.00
79) Pyrene-d10	19.87	212	195478	15.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	198880	14.19	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.29	94	2701	1.10	ng/ul#	90
45) Dimethylphthalate	14.20	163	82672	11.36	ng/ul	96
70) Phenanthrene	17.54	178	24671	2.09	ng/ul	97
77) Fluoranthene	19.54	202	63165	4.20	ng/ul	99
80) Pyrene	19.90	202	56937	3.47	ng/ul	98
83) Benzo(a)anthracene	21.75	228	29016	1.70	ng/ul	95
85) Chrysene	21.81	228	35010	2.18	ng/ul	95
88) Benzo(b)fluoranthene	24.01	252	42235	2.55	ng/ul#	98
91) Benzo(a)pyrene	24.91	252	28802	1.81	ng/ul	99
94) Benzo(g,h,i)perylene	30.04	276	19725	1.33	ng/ul#	95

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

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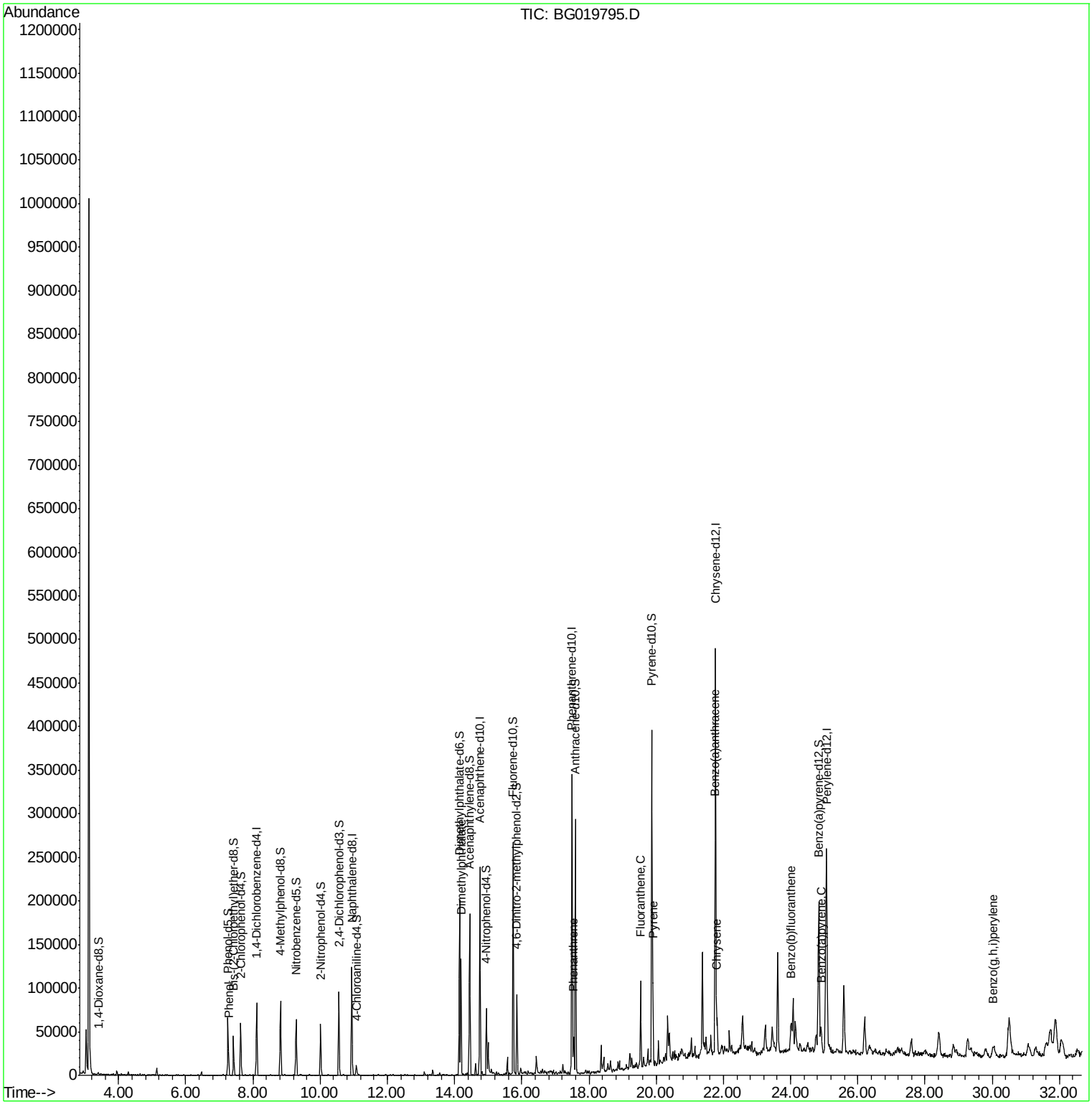
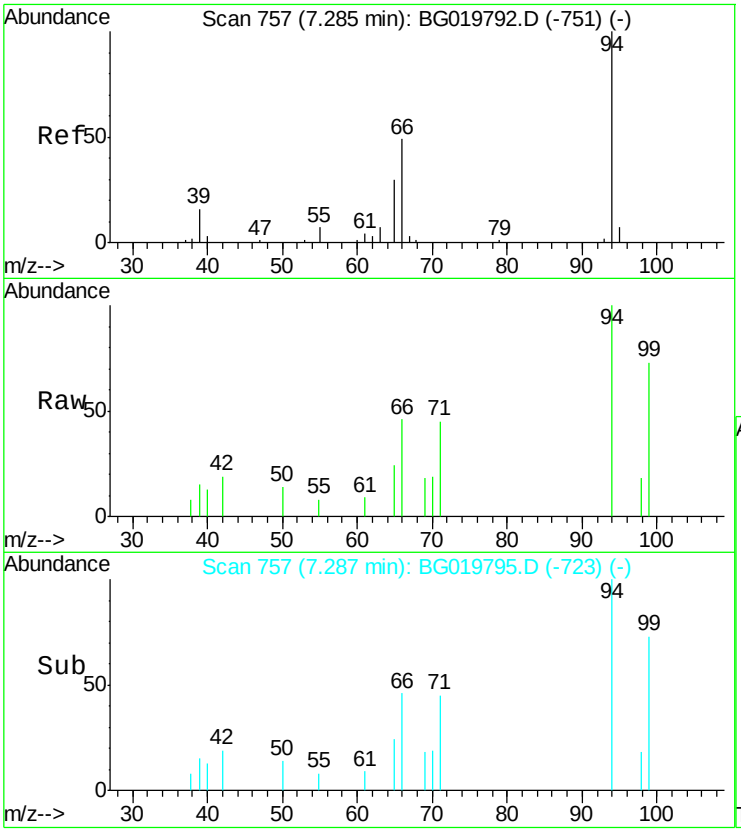


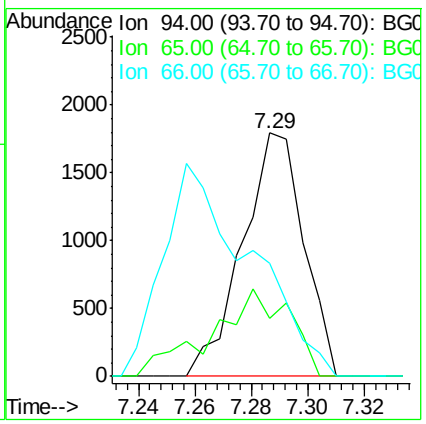


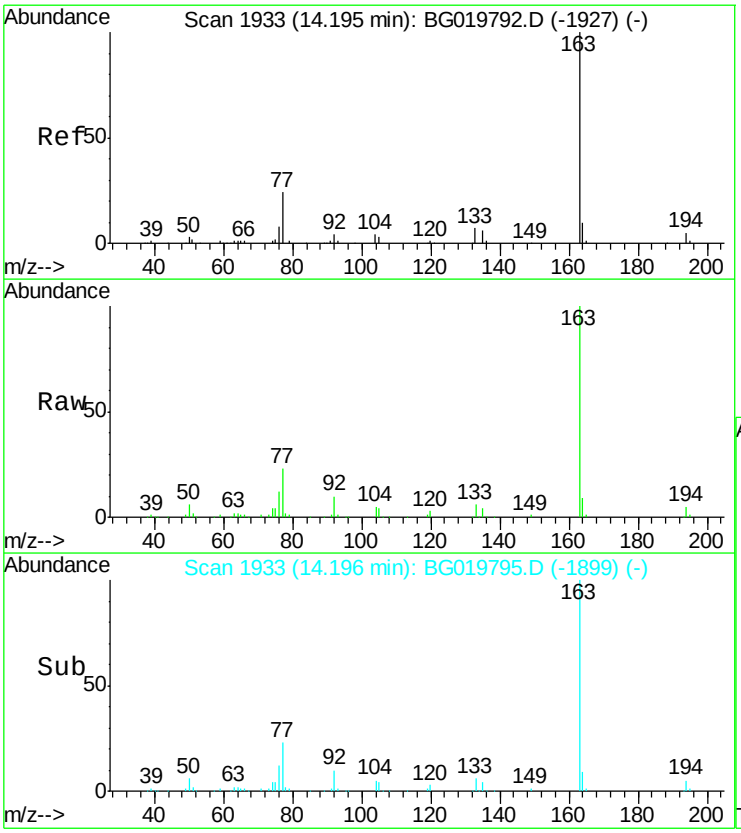
#6
Phenol
Concen: 1.10 ng/ul
RT: 7.29 min Scan# 757
Delta R.T. 0.00 min
Lab File: BG019795.D
Acq: 22 Nov 2015 23:56

Instrument :
BNA_G
ClientSampleId :
A4J54

Tgt Ion: 94 Resp: 2701

Ion	Ratio	Lower	Upper
94	100		
65	23.7	27.4	41.0#
66	46.3	39.0	58.6

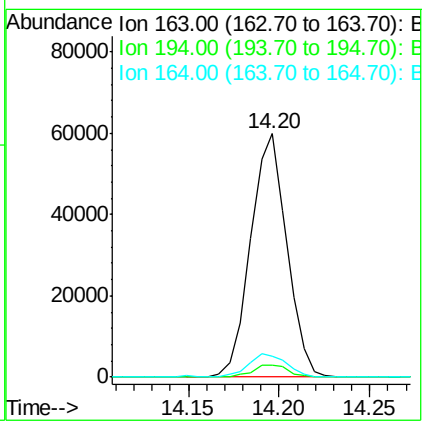


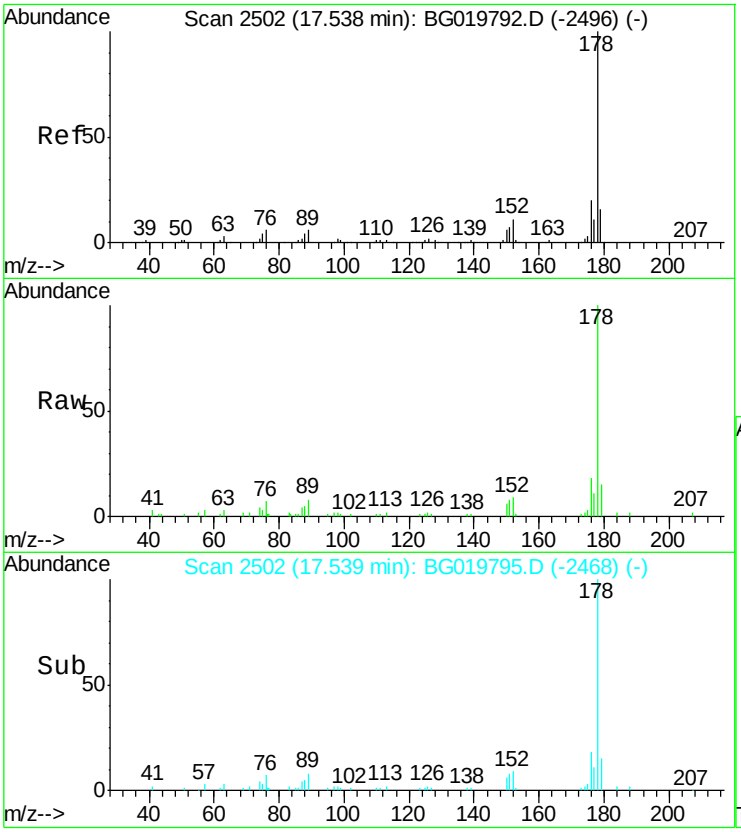


#45
Dimethylphthalate
Concen: 11.36 ng/ul
RT: 14.20 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BG019795.D
Acq: 22 Nov 2015 23:56

Tgt Ion:163 Resp: 82672

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	8.7	8.3	12.5



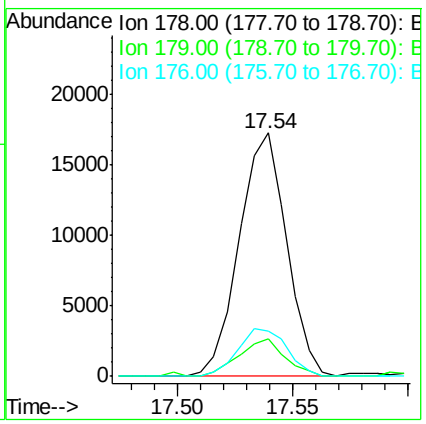


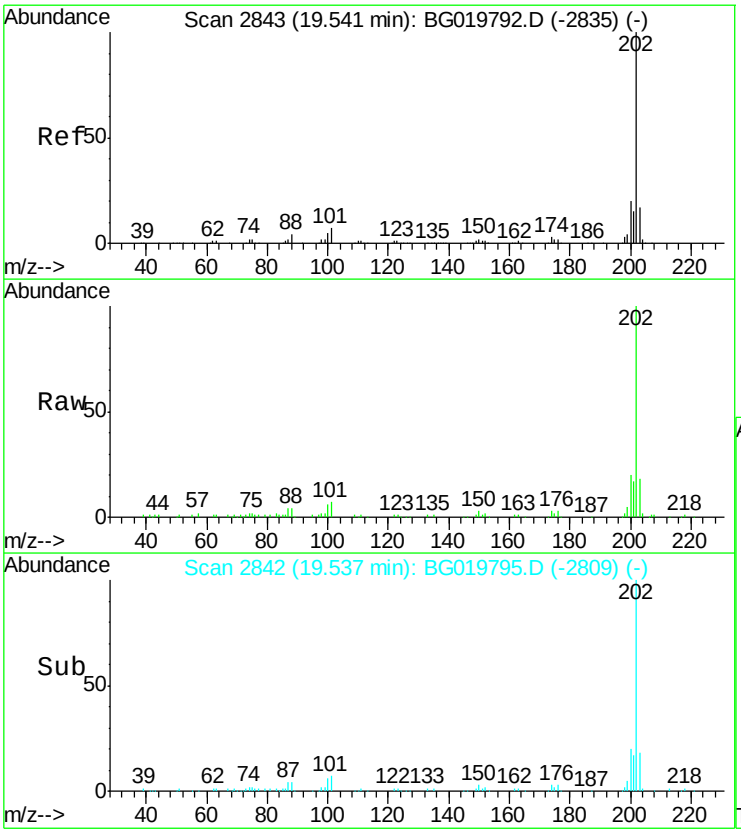
#70
Phenanthrene
Concen: 2.09 ng/ul
RT: 17.54 min Scan# 2502
Delta R.T. 0.00 min
Lab File: BG019795.D
Acq: 22 Nov 2015 23:56

Instrument :
BNA_G
ClientSampleId :
A4J54

Tgt Ion:178 Resp: 24671

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	18.3	16.6	24.8

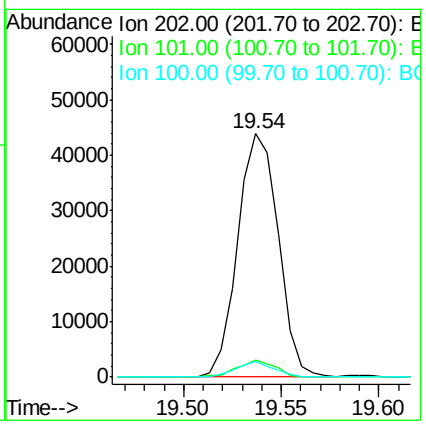


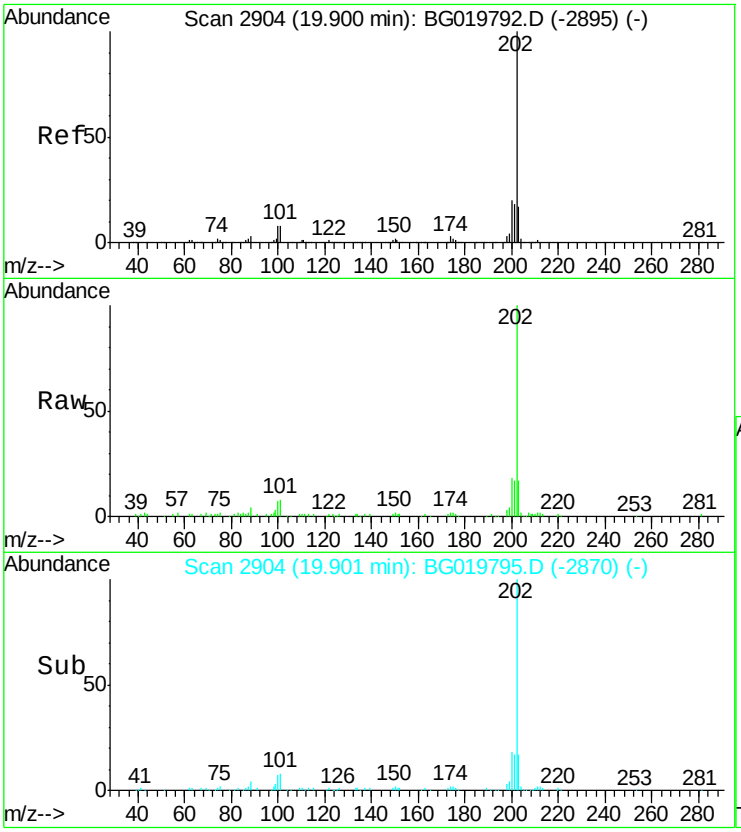


#77
Fluoranthene
Concen: 4.20 ng/ul
RT: 19.54 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG019795.D
Acq: 22 Nov 2015 23:56

Tgt Ion:202 Resp: 63165

Ion	Ratio	Lower	Upper
202	100		
101	7.0	5.2	7.8
100	6.4	5.0	7.4



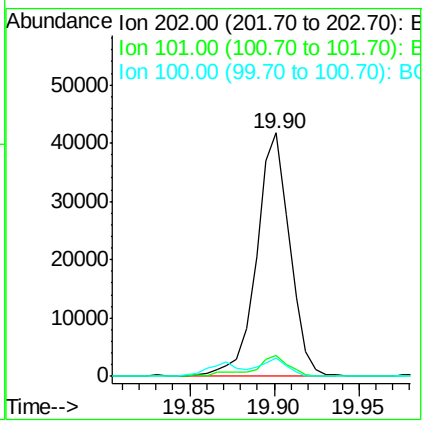


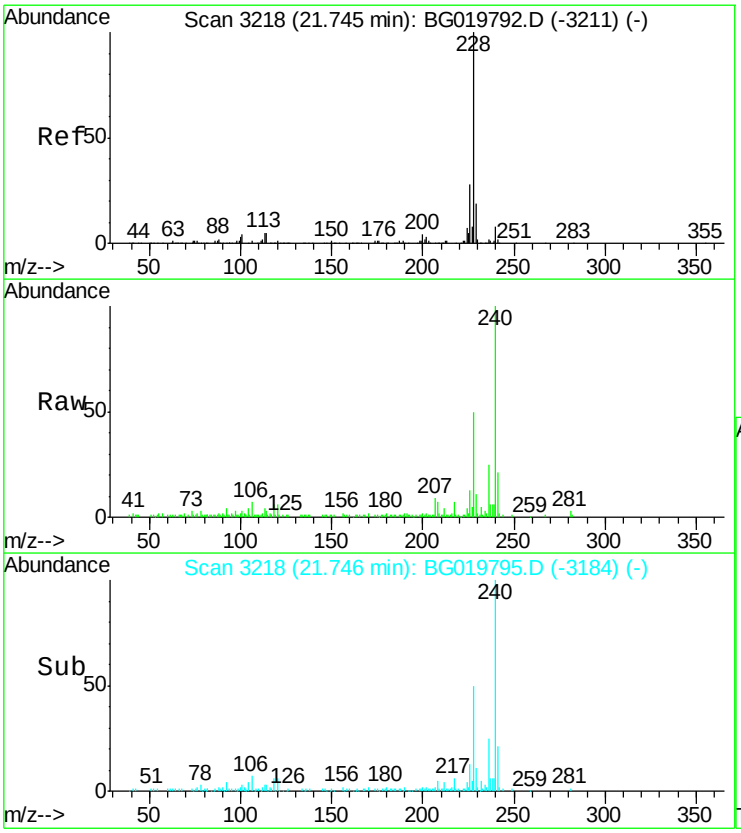
#80
Pyrene
Concen: 3.47 ng/ul
RT: 19.90 min Scan# 2904
Delta R.T. 0.00 min
Lab File: BG019795.D
Acq: 22 Nov 2015 23:56

Instrument :
BNA_G
ClientSampleId :
A4J54

Tgt Ion:202 Resp: 56937

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.6
100	7.4	6.6	10.0

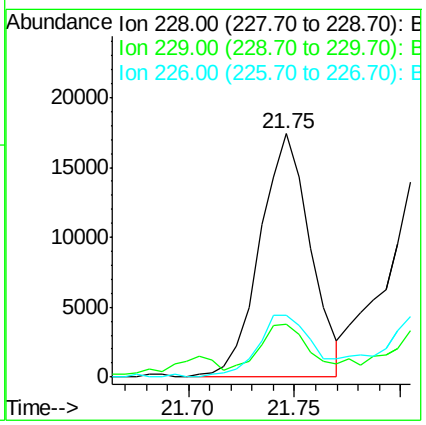


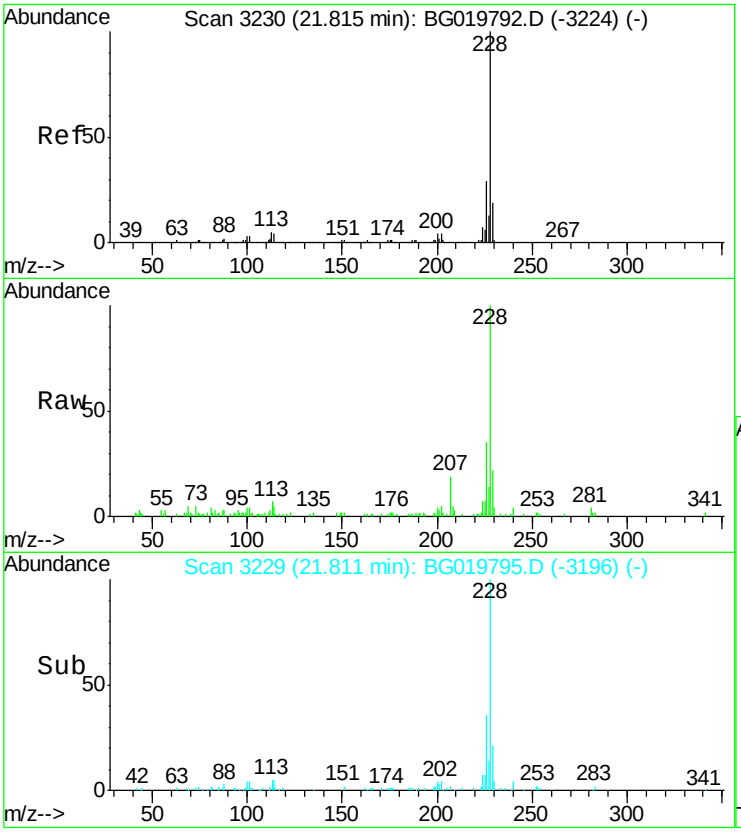


#83
Benzo(a)anthracene
Concen: 1.70 ng/ul
RT: 21.75 min Scan# 3218
Delta R.T. 0.00 min
Lab File: BG019795.D
Acq: 22 Nov 2015 23:56

Tgt Ion:228 Resp: 29016

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	25.3	22.6	33.8



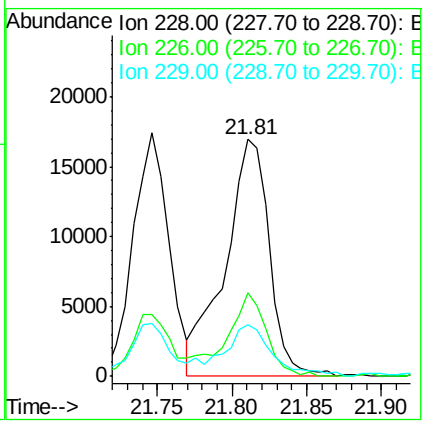


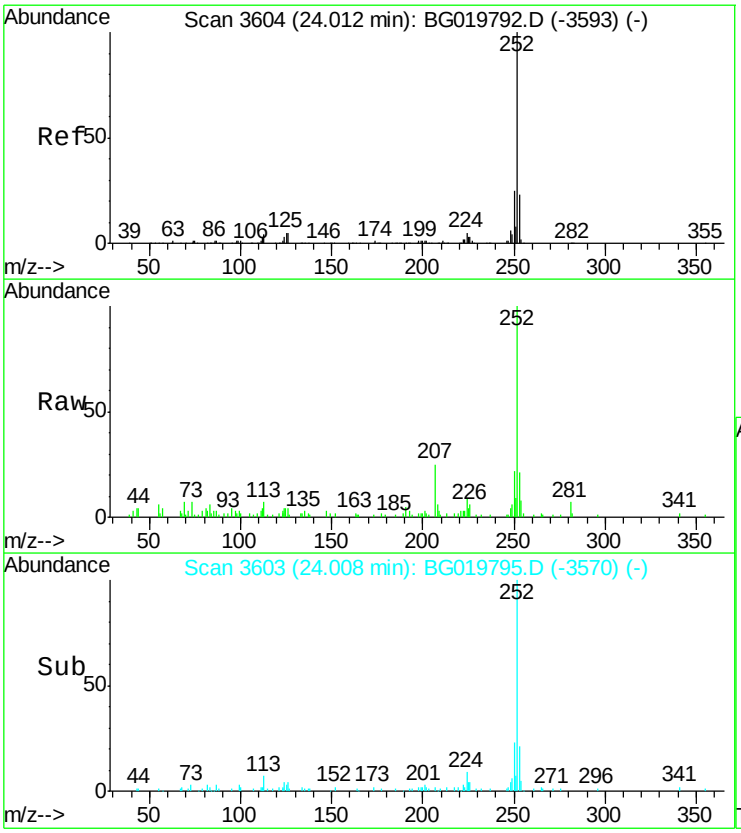
#85
Chrysene
Concen: 2.18 ng/ul
RT: 21.81 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BG019795.D
Acq: 22 Nov 2015 23:56

Instrument :
BNA_G
ClientSampleId :
A4J54

Tgt Ion:228 Resp: 35010

Ion	Ratio	Lower	Upper
228	100		
226	35.4	24.9	37.3
229	21.9	17.0	25.6

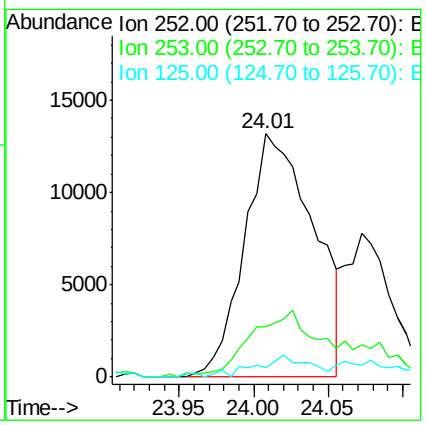


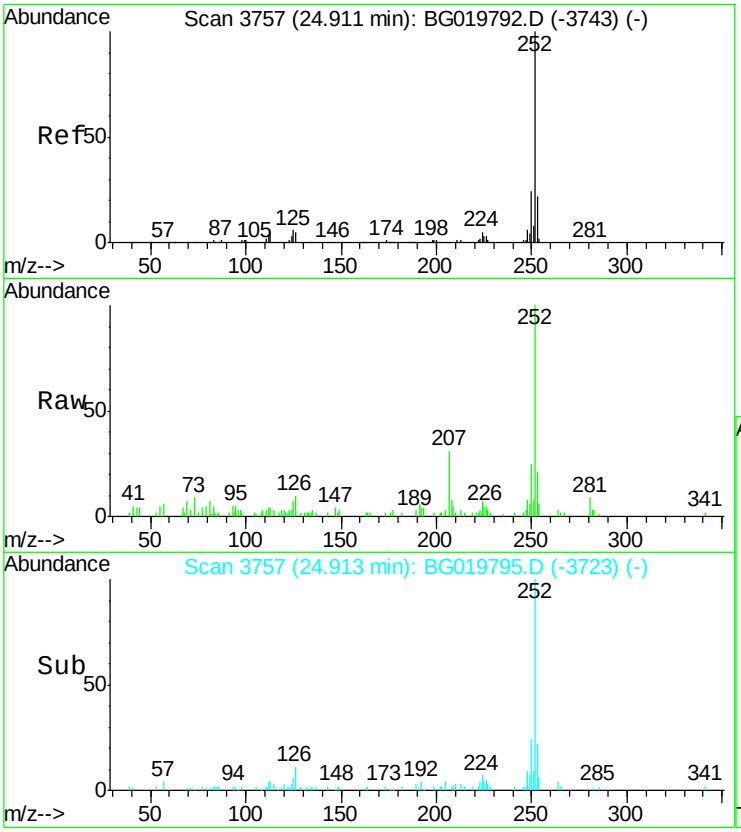


#88
Benzo(b)fluoranthene
Concen: 2.55 ng/ul
RT: 24.01 min Scan# 3603
Delta R.T. -0.00 min
Lab File: BG019795.D
Acq: 22 Nov 2015 23:56

Tgt Ion:252 Resp: 42235

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.1	25.7
125	3.7	4.2	6.4#



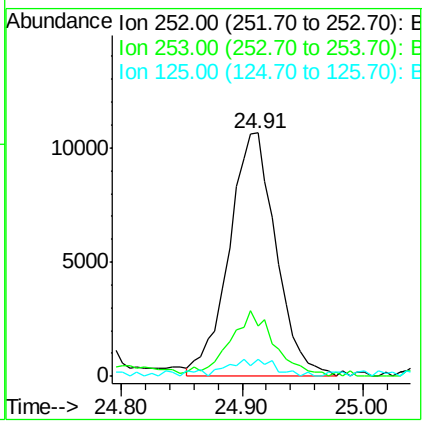


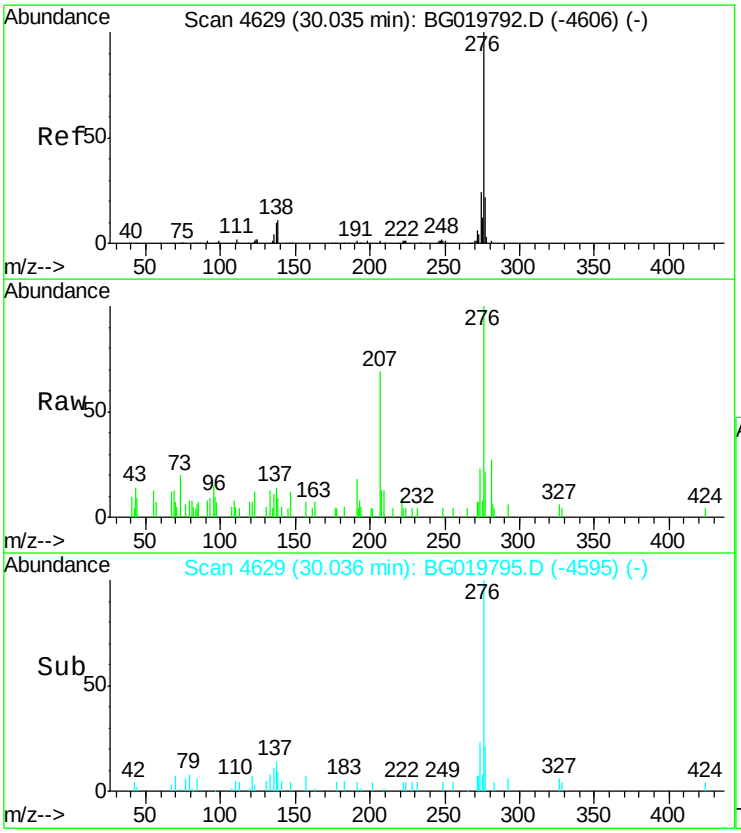
#91
Benzo(a)pyrene
Concen: 1.81 ng/ul
RT: 24.91 min Scan# 3757
Delta R.T. 0.00 min
Lab File: BG019795.D
Acq: 22 Nov 2015 23:56

Instrument :
BNA_G
ClientSampleId :
A4J54

Tgt Ion:252 Resp: 28802

Ion	Ratio	Lower	Upper
252	100		
253	20.8	16.9	25.3
125	7.1	5.4	8.0





#94
Benzo(g,h,i)perylene
Concen: 1.33 ng/ul
RT: 30.04 min Scan# 4629
Delta R.T. 0.00 min
Lab File: BG019795.D
Acq: 22 Nov 2015 23:56

Tgt Ion:276 Resp: 19725

Ion	Ratio	Lower	Upper
276	100		
138	8.7	9.2	13.8#
277	21.3	18.6	28.0