

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081116\
 Data File : BG023633.D
 Acq On : 11 Aug 2016 22:12
 Operator : UM/SJ
 Sample : H4360-18 4X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS003-3642-01

Quant Time: Aug 12 04:36:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 04:34:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	154429	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.94	136	707340	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	478291	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1089377	20.00	ng/ul	-0.01
75) Chrysene-d12	21.87	240	1107551	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1123276	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	790	0.22	ng/uL	0.00
5) Phenol-d5	7.27	99	50422	3.24	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.43	67	34023	3.41	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	37191	3.50	ng/ul	-0.01
13) 4-Methylphenol-d8	8.83	113	36182	2.98	ng/ul	-0.01
19) Nitrobenzene-d5	9.29	128	18829	3.38	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	25355	3.96	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.57	165	42616	3.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	18533	1.31	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	143846	3.67	ng/ul	-0.01
46) Acenaphthylene-d8	14.47	160	167945	3.81	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.02	143	15158	2.27	ng/ul	0.02
57) Fluorene-d10	15.78	176	134330	3.71	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.92	200	10048	1.44	ng/ul	0.00
70) Anthracene-d10	17.65	188	194677	3.97	ng/ul	-0.01
76) Pyrene-d10	19.94	212	208962	3.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	194592	3.83	ng/ul	-0.02

Target Compounds

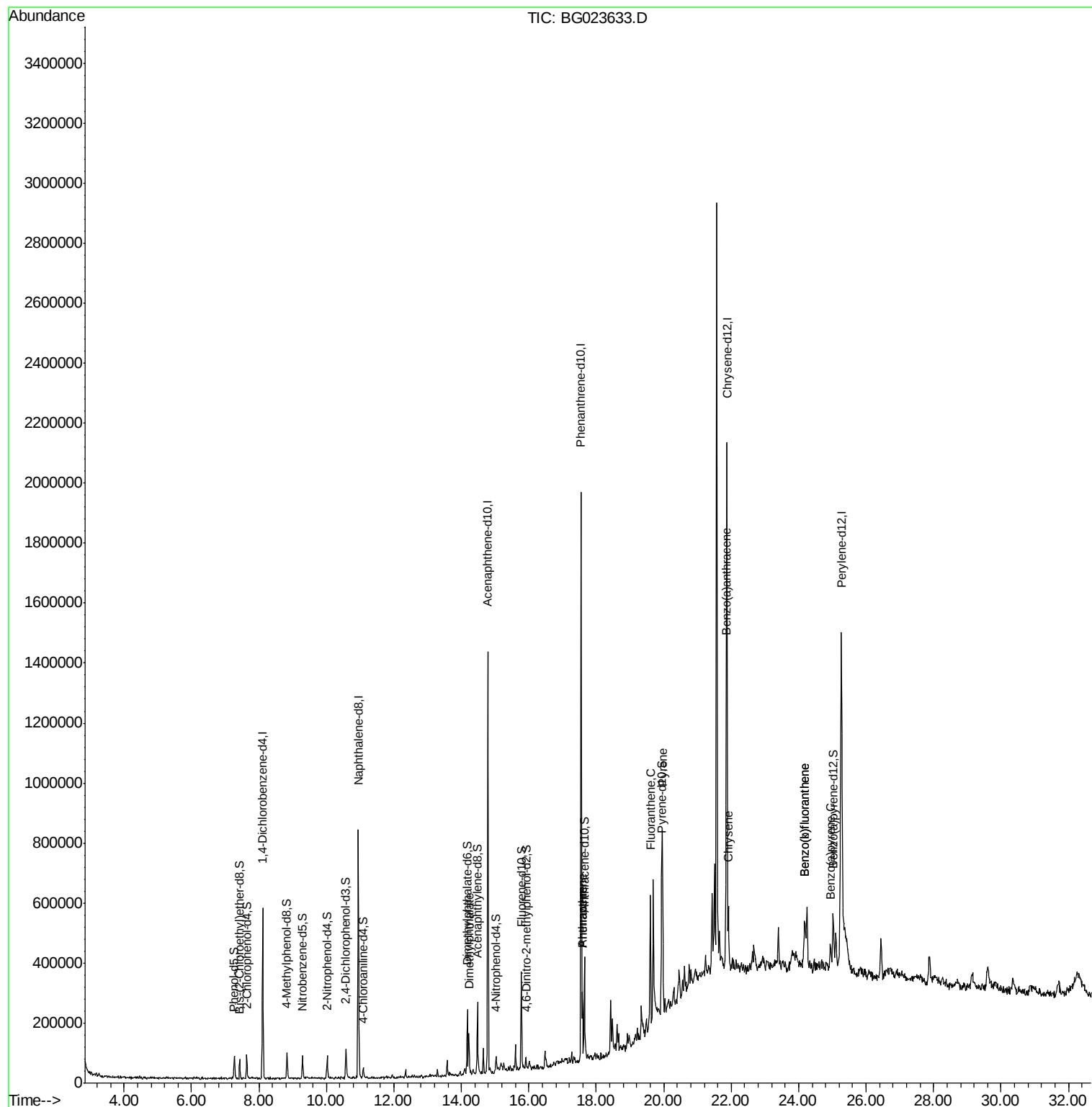
					Qvalue
44) Dimethylphthalate	14.22	163	70183	1.81 ng/ul#	96
69) Phenanthrene	17.59	178	130169	2.31 ng/ul	96
71) Anthracene	17.59	178	129757	2.25 ng/ul	96
74) Fluoranthene	19.60	202	256612	4.44 ng/ul#	92
77) Pyrene	19.97	202	269297	3.93 ng/ul#	93
80) Benzo(a)anthracene	21.85	228	150323	2.41 ng/ul#	95
82) Chrysene	21.92	228	152849	2.70 ng/ul#	94
85) Benzo(b)fluoranthene	24.19	252	192840	3.02 ng/ul	98
86) Benzo(k)fluoranthene	24.19	252	192840	3.07 ng/ul	95
88) Benzo(a)pyrene	24.94	252	96061	1.56 ng/ul	96

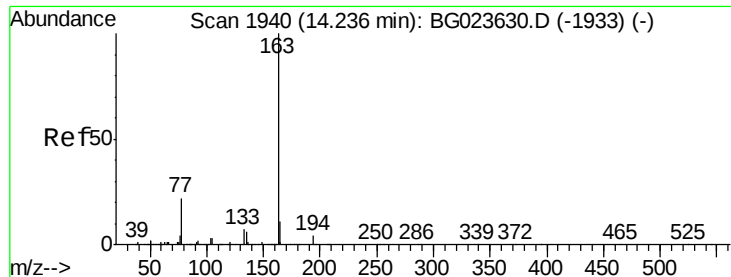
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 1.81 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG023633.D

Acq: 11 Aug 2016 22:12

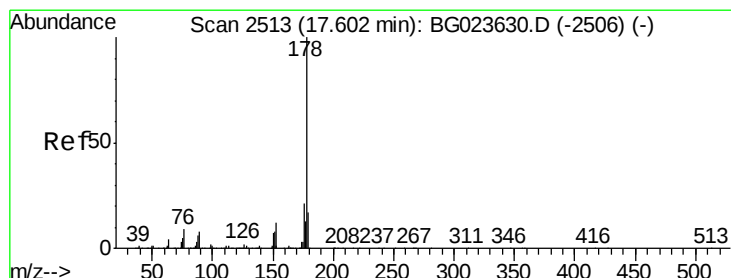
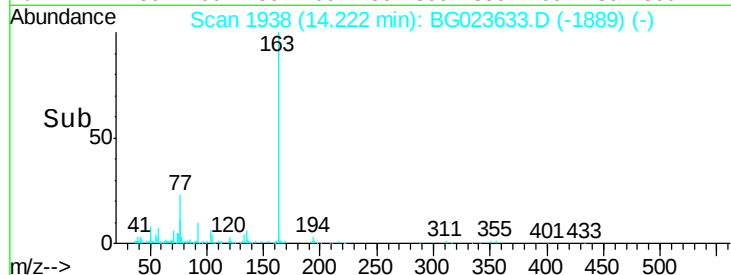
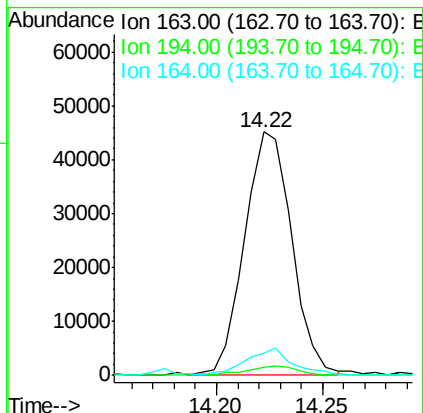
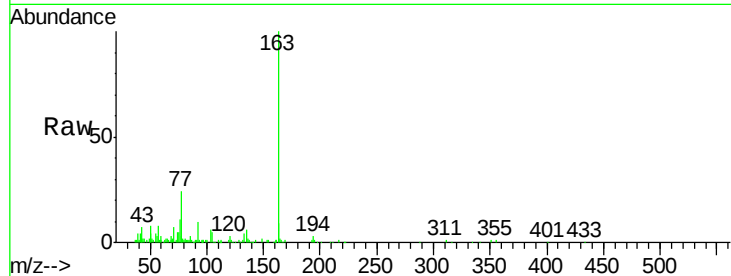
Instrument :

BNA_G

ClientSampleId :

PR001-SS003-3642-01

Tgt Ion:	163	Resp:	70183
Ion Ratio	Lower	Upper	
163	100		
194	3.2	3.4	5.2#
164	9.2	8.8	13.2



#69

Phenanthrene

Concen: 2.31 ng/ul

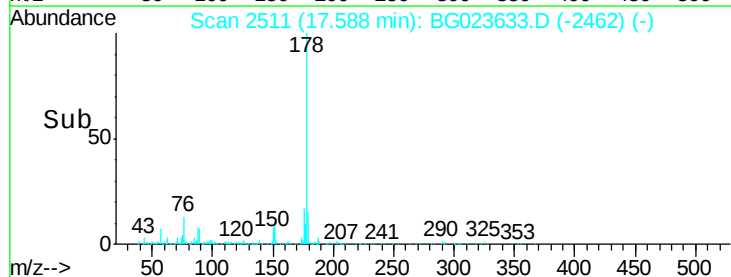
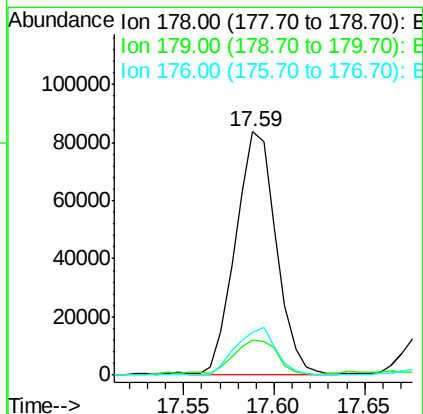
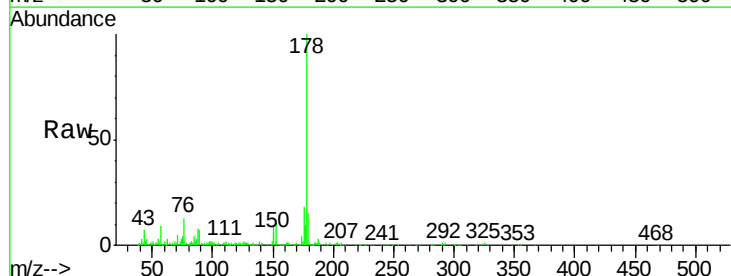
RT: 17.59 min Scan# 2511

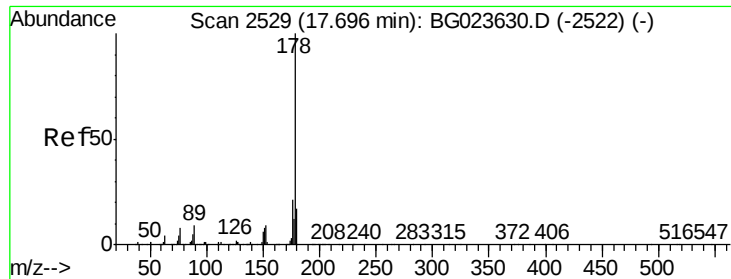
Delta R.T. -0.01 min

Lab File: BG023633.D

Acq: 11 Aug 2016 22:12

Tgt Ion:	178	Resp:	130169
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.9	19.3
176	17.7	15.8	23.8

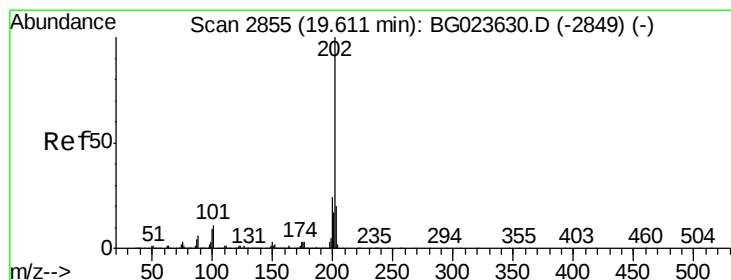
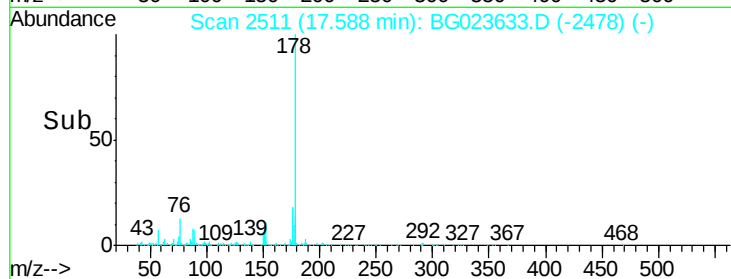
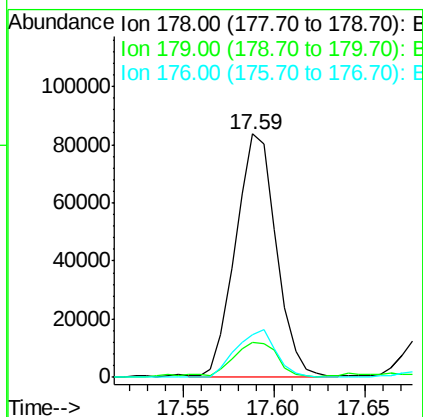
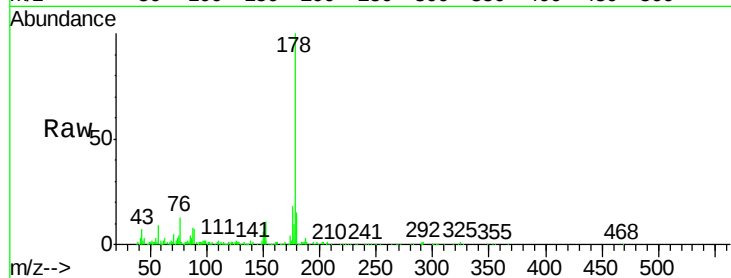




#71
 Anthracene
 Concen: 2.25 ng/ul
 RT: 17.59 min Scan# 2511
 Delta R.T. -0.11 min
 Lab File: BG023633.D
 Acq: 11 Aug 2016 22:12

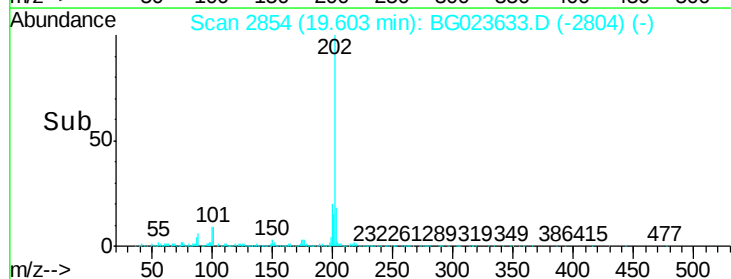
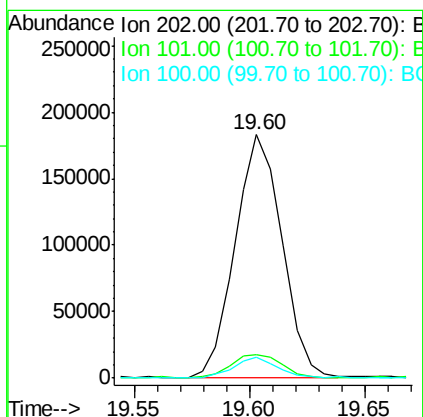
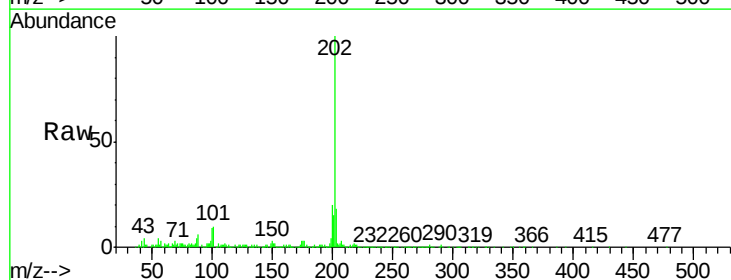
Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS003-3642-01

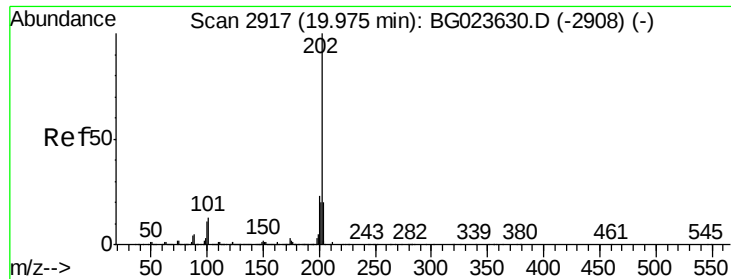
Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	17.7	16.3	24.5



#74
 Fluoranthene
 Concen: 4.44 ng/ul
 RT: 19.60 min Scan# 2854
 Delta R.T. -0.01 min
 Lab File: BG023633.D
 Acq: 11 Aug 2016 22:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	10.6	16.0#
100	8.7	8.7	13.1#





#77

Pyrene

Concen: 3.93 ng/ul

RT: 19.97 min Scan# 2916

Delta R.T. -0.01 min

Lab File: BG023633.D

Acq: 11 Aug 2016 22:12

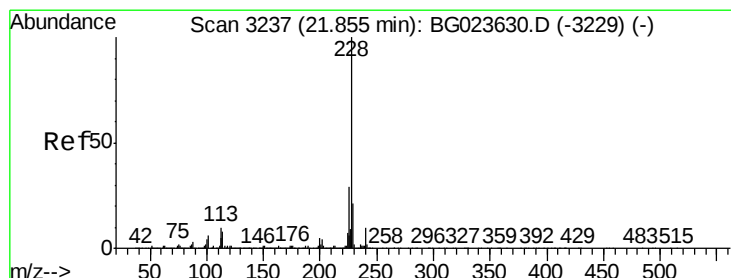
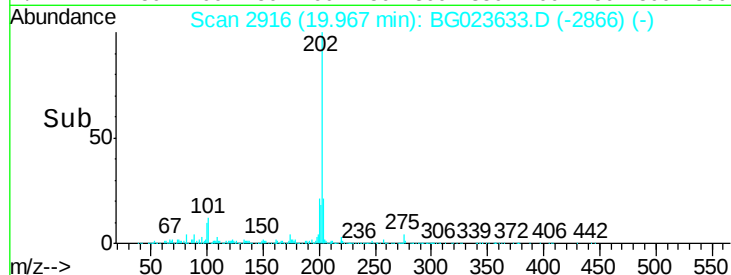
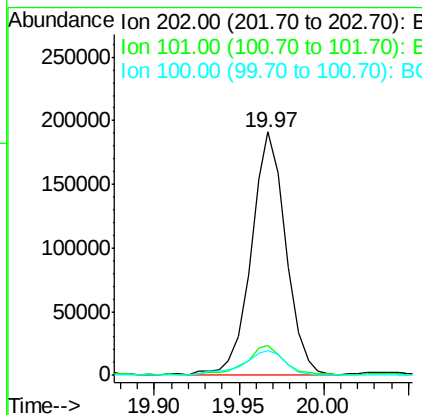
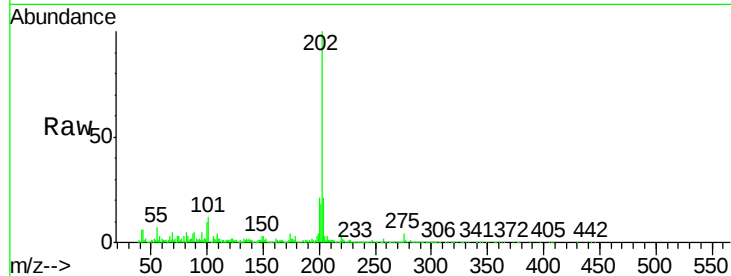
Instrument :

BNA_G

ClientSampleId :

PR001-SS003-3642-01

Tgt Ion:	202	Resp:	269297
Ion Ratio	Lower	Upper	
202	100		
101	12.5	12.5	18.7#
100	10.1	10.2	15.4#



#80

Benzo(a)anthracene

Concen: 2.41 ng/ul

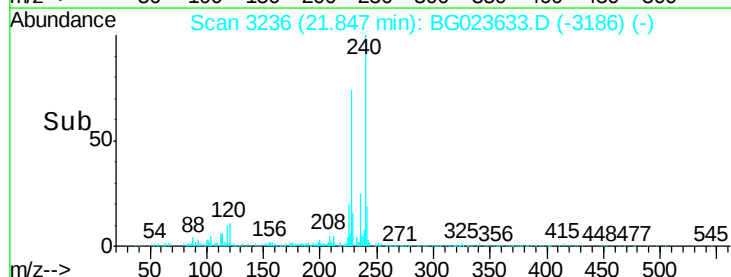
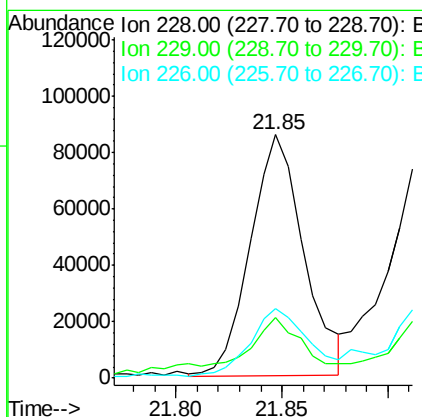
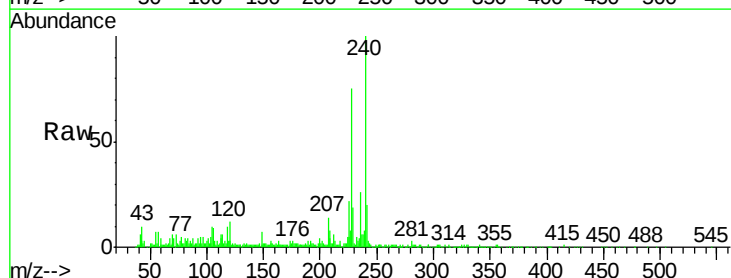
RT: 21.85 min Scan# 3236

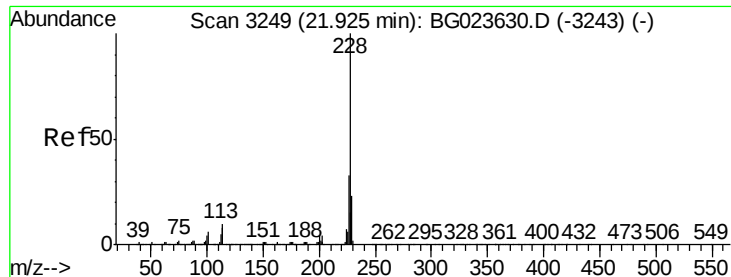
Delta R.T. -0.01 min

Lab File: BG023633.D

Acq: 11 Aug 2016 22:12

Tgt Ion:	228	Resp:	150323
Ion Ratio	Lower	Upper	
228	100		
229	24.7	15.4	23.2#
226	28.7	22.8	34.2





#82

Chrysene

Concen: 2.70 ng/ul

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG023633.D

Acq: 11 Aug 2016 22:12

Instrument :

BNA_G

ClientSampleId :

PR001-SS003-3642-01

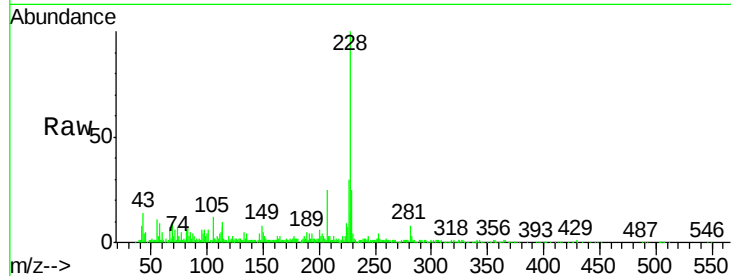
Tgt Ion: 228 Resp: 152849

Ion Ratio Lower Upper

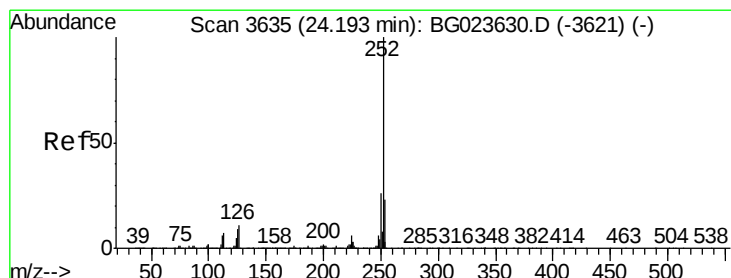
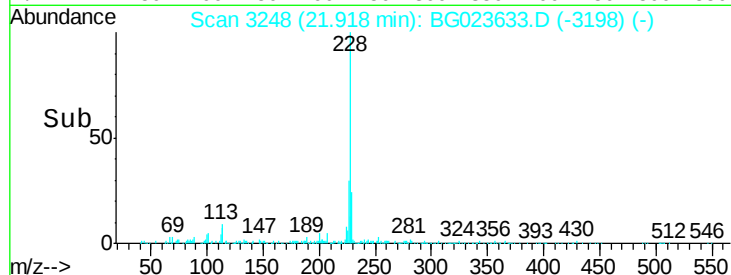
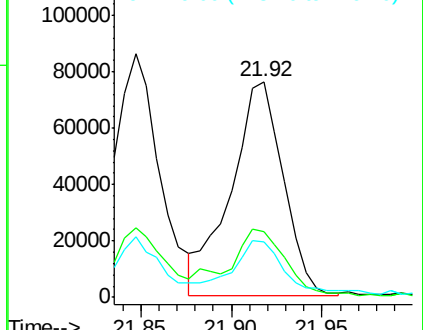
228 100

226 30.5 24.2 36.4

229 25.5 15.0 22.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 3.02 ng/ul

RT: 24.19 min Scan# 3634

Delta R.T. -0.01 min

Lab File: BG023633.D

Acq: 11 Aug 2016 22:12

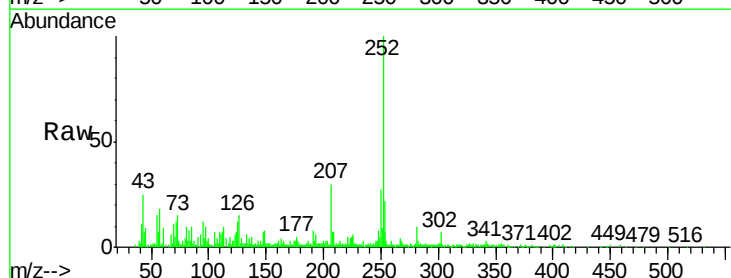
Tgt Ion: 252 Resp: 192840

Ion Ratio Lower Upper

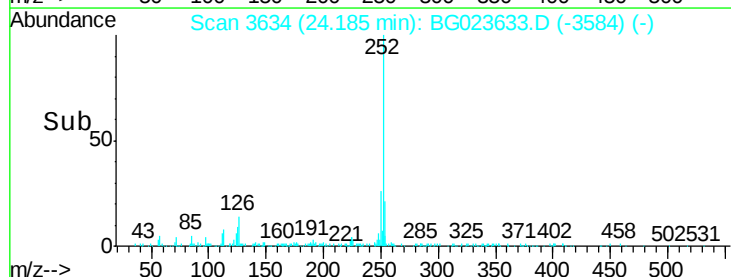
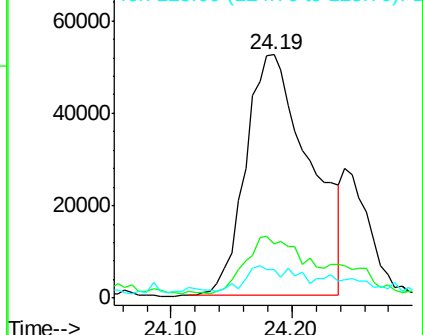
252 100

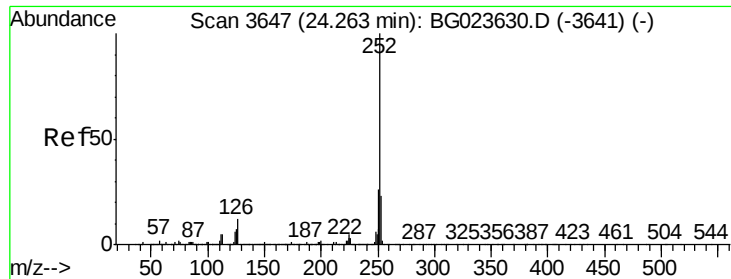
253 22.4 18.2 27.2

125 11.6 10.8 16.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 3.07 ng/ul

RT: 24.19 min Scan# 3634

Delta R.T. -0.08 min

Lab File: BG023633.D

Acq: 11 Aug 2016 22:12

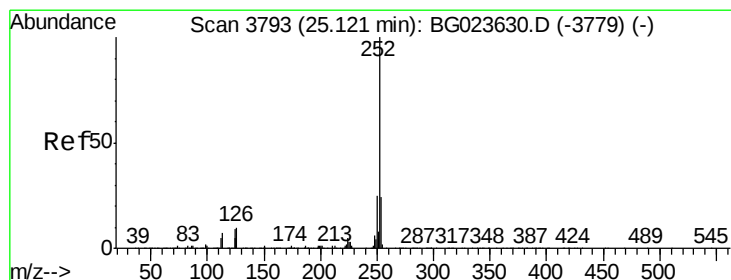
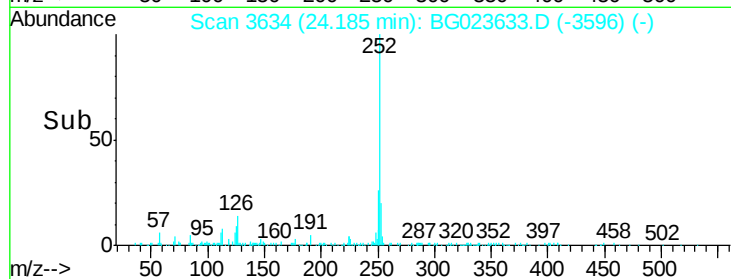
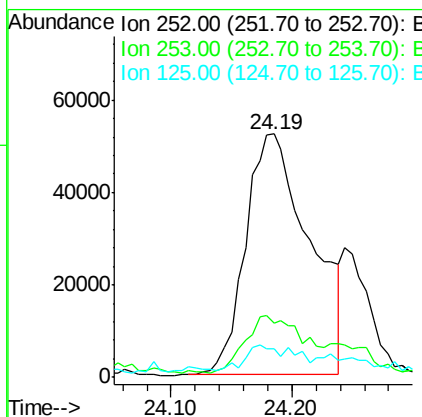
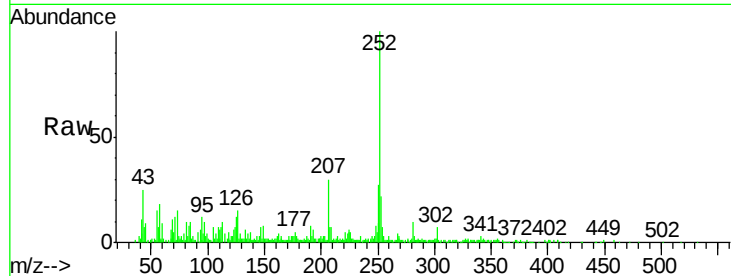
Instrument :

BNA_G

ClientSampleId :

PR001-SS003-3642-01

Tgt Ion:	252	Resp:	192840
Ion Ratio	Lower	Upper	
252	100		
253	22.4	15.8	23.6
125	11.6	10.6	16.0



#88

Benzo(a)pyrene

Concen: 1.56 ng/ul

RT: 24.94 min Scan# 3763

Delta R.T. -0.18 min

Lab File: BG023633.D

Acq: 11 Aug 2016 22:12

Tgt Ion:	252	Resp:	96061
Ion Ratio	Lower	Upper	
252	100		
253	25.5	19.0	28.4
125	16.5	12.0	18.0

