

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023655.D
 Acq On : 12 Aug 2016 14:19
 Operator : UM/SJ
 Sample : H4360-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 13 01:33:15 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 01:31:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	264117	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	1117918	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	607326	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1033149	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1074832	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1097325	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	6884	1.11	ng/uL	0.02
5) Phenol-d5	7.27	99	304178	11.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	391	0.02	ng/ul	-0.04
9) 2-Chlorophenol-d4	7.64	132	234120	12.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	222778	10.73	ng/ul	0.01
19) Nitrobenzene-d5	9.29	128	116537	13.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.03	143	124633	12.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	229206	12.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	105918	4.73	ng/ul	0.01
43) Dimethylphthalate-d6	14.18	166	638788	12.85	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	780214	13.94	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	75974	8.95	ng/ul	0.01
57) Fluorene-d10	15.79	176	526446	11.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	37274	5.62	ng/ul	0.01
70) Anthracene-d10	17.65	188	667682	14.34	ng/ul	0.00
76) Pyrene-d10	19.95	212	721662	13.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	681279	13.72	ng/ul	0.00

Target Compounds

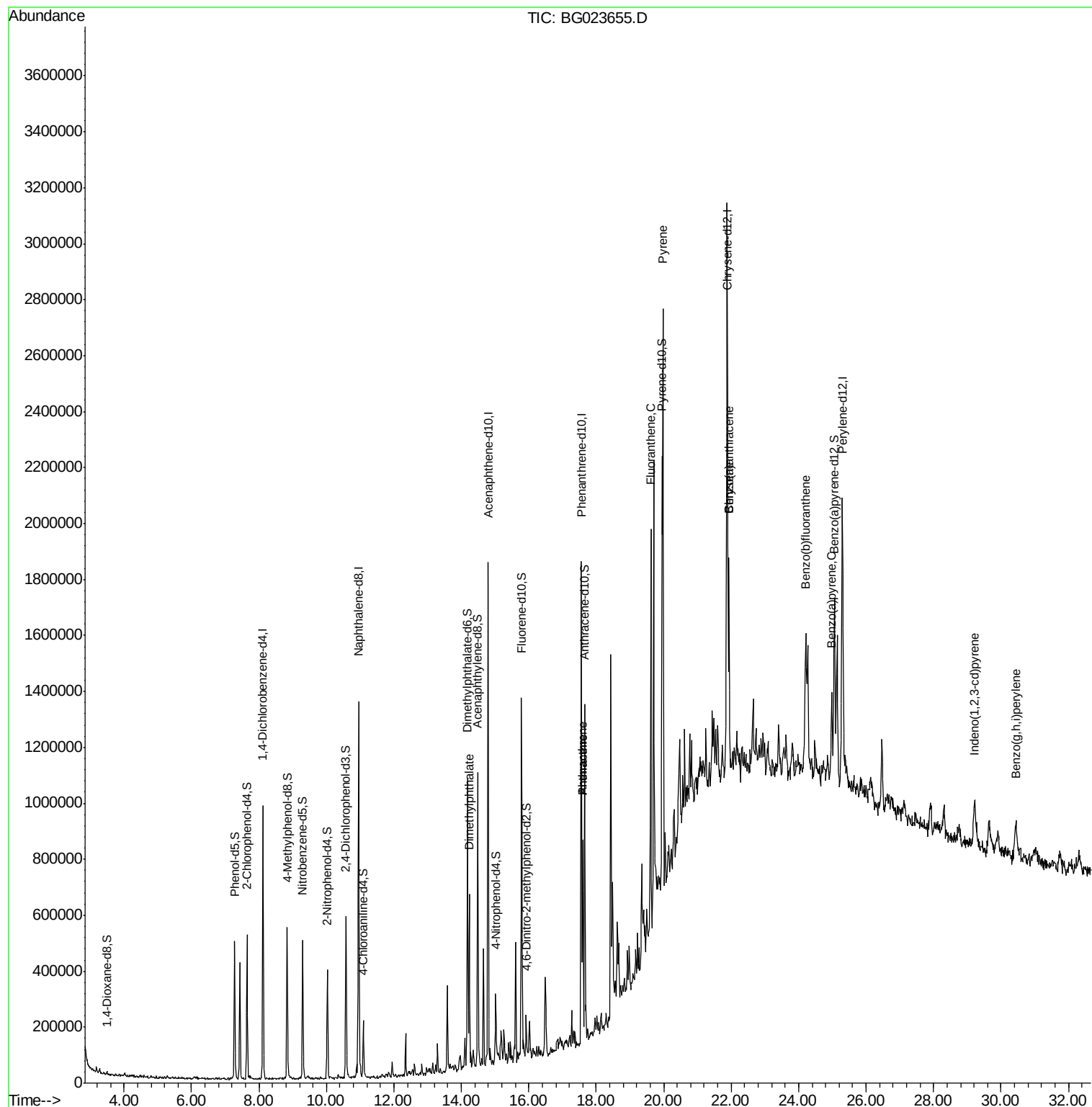
						Qvalue
44) Dimethylphthalate	14.23	163	305476	6.20	ng/ul	99
69) Phenanthrene	17.59	178	455555	8.51	ng/ul	98
71) Anthracene	17.59	178	455666	8.35	ng/ul	98
74) Fluoranthene	19.62	202	857096	15.65	ng/ul#	92
77) Pyrene	19.98	202	897084	13.50	ng/ul#	93
80) Benzo(a)anthracene	21.93	228	546668	9.03	ng/ul	93
82) Chrysene	21.93	228	553972	10.07	ng/ul#	95
85) Benzo(b)fluoranthene	24.21	252	620043	9.93	ng/ul	94
88) Benzo(a)pyrene	24.98	252	338393	5.62	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.21	276	285003	4.03	ng/ul#	89
91) Benzo(g,h,i)perylene	30.44	276	133513	2.27	ng/ul#	83

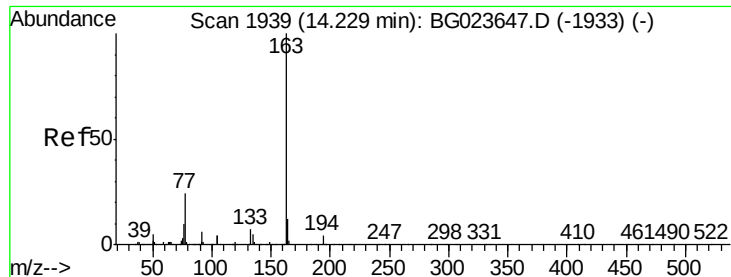
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023655.D
Acq On : 12 Aug 2016 14:19
Operator : UM/SJ
Sample : H4360-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 13 01:33:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 6.20 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG023655.D

Acq: 12 Aug 2016 14:19

Instrument :

BNA_G

ClientSampleId :

PR001-SS003-3642-01

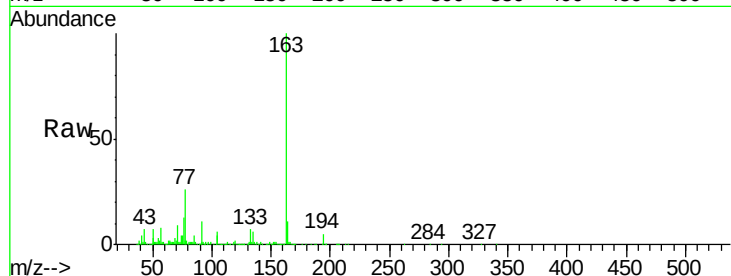
Tgt Ion:163 Resp: 305476

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

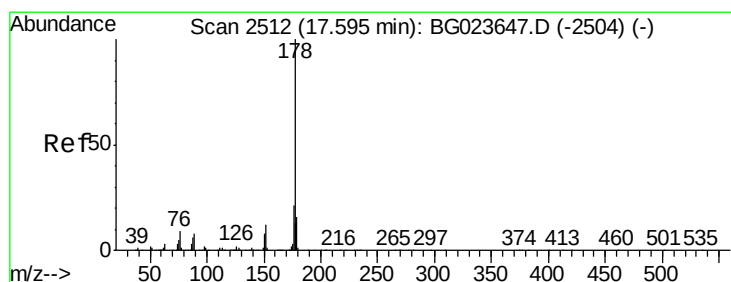
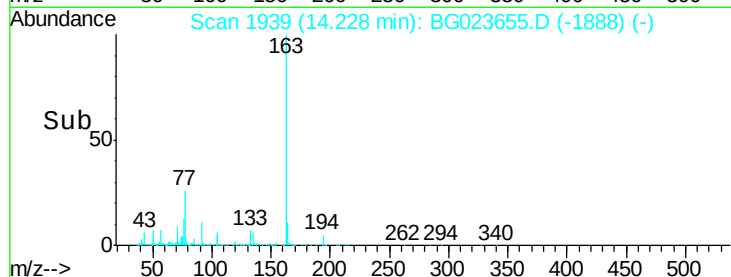
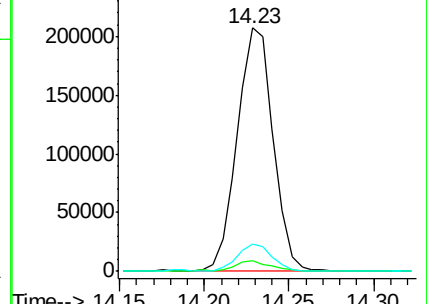
164 11.2 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 8.51 ng/ul

RT: 17.59 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG023655.D

Acq: 12 Aug 2016 14:19

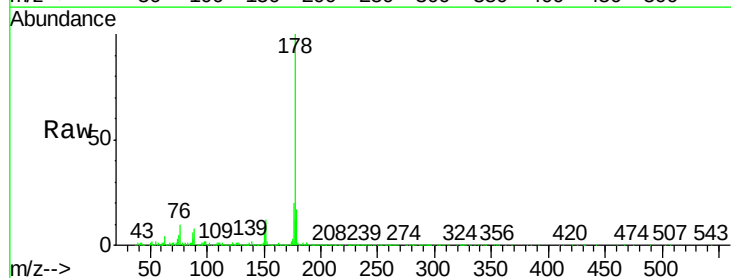
Tgt Ion:178 Resp: 455555

Ion Ratio Lower Upper

178 100

179 17.4 12.9 19.3

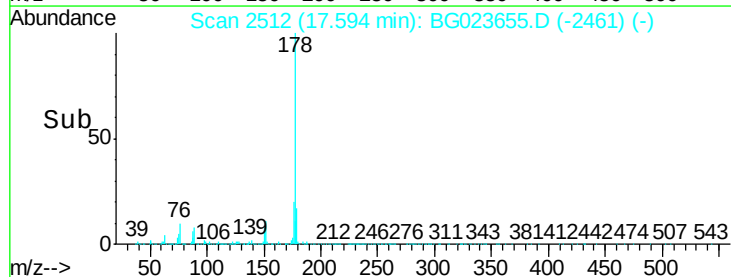
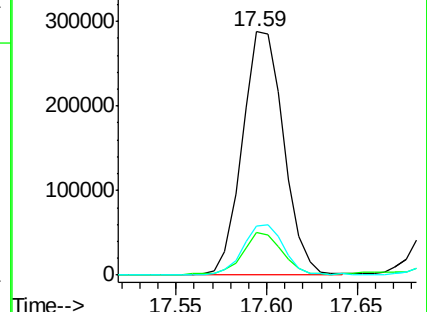
176 20.2 15.8 23.8

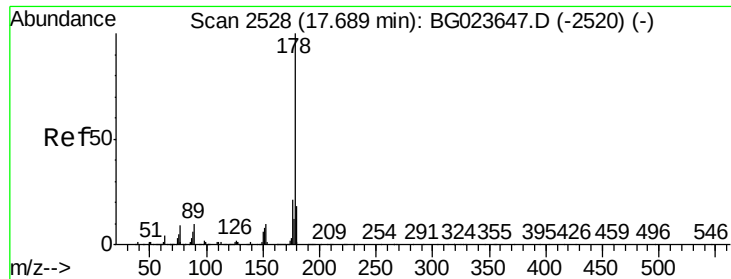


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

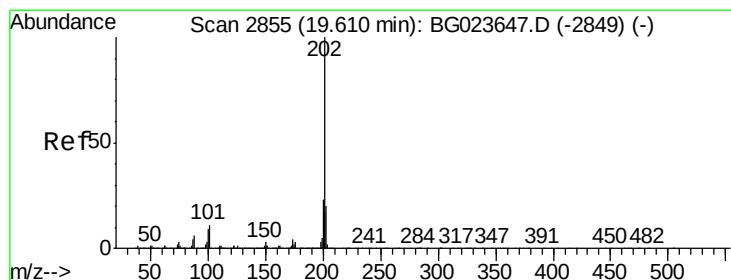
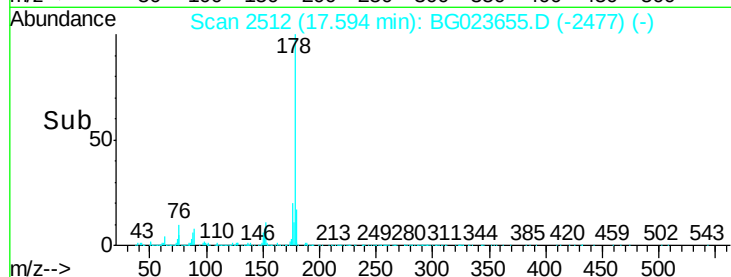
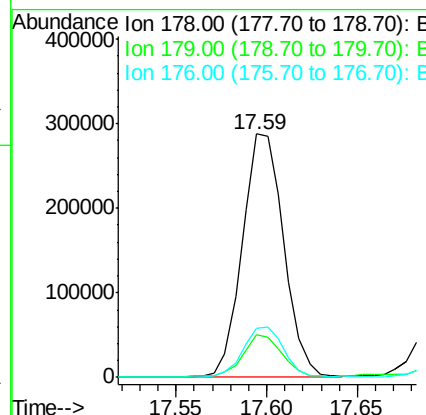
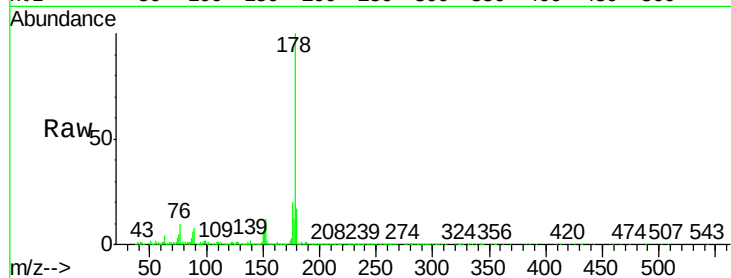




#71
 Anthracene
 Concen: 8.35 ng/ul
 RT: 17.59 min Scan# 2512
 Delta R.T. -0.09 min
 Lab File: BG023655.D
 Acq: 12 Aug 2016 14:19

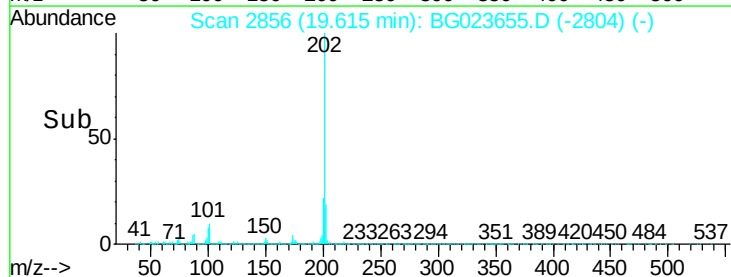
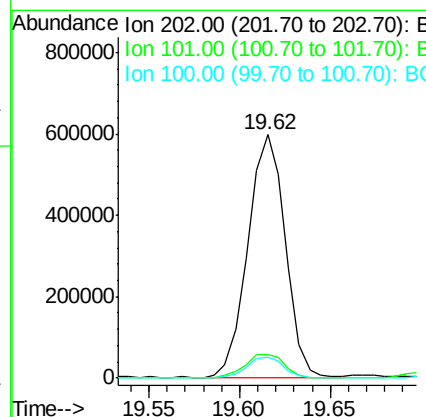
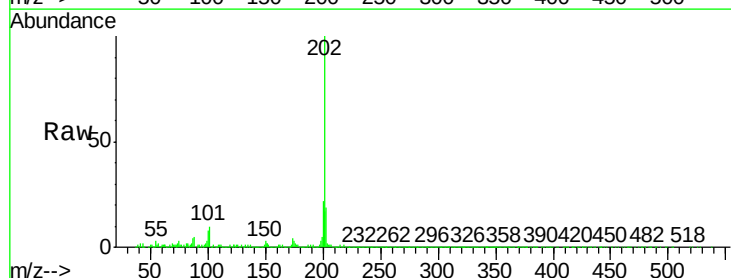
Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS003-3642-01

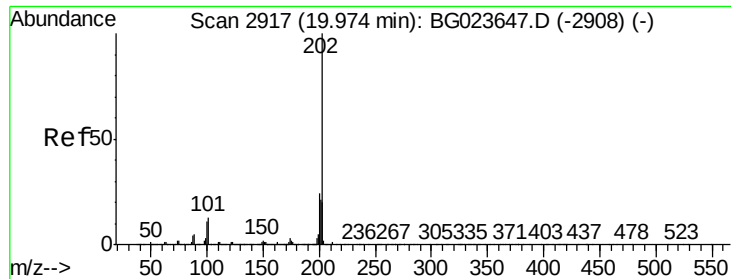
Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.3	18.5
176	20.2	16.3	24.5



#74
 Fluoranthene
 Concen: 15.65 ng/ul
 RT: 19.62 min Scan# 2856
 Delta R.T. 0.01 min
 Lab File: BG023655.D
 Acq: 12 Aug 2016 14:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	10.6	16.0#
100	8.4	8.7	13.1#

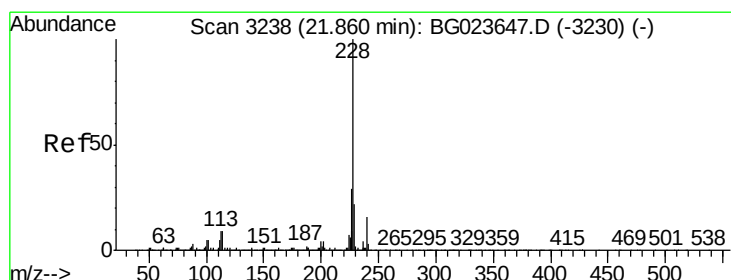
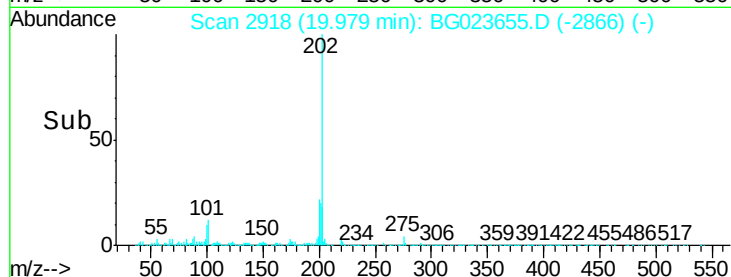
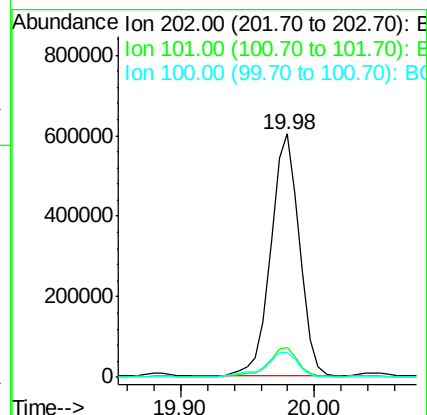
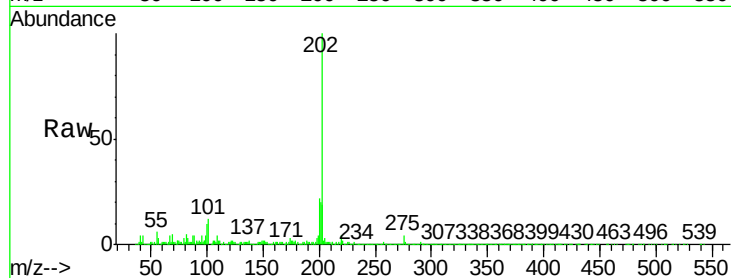




#77
 Pyrene
 Concen: 13.50 ng/ul
 RT: 19.98 min Scan# 2918
 Delta R.T. 0.01 min
 Lab File: BG023655.D
 Acq: 12 Aug 2016 14:19

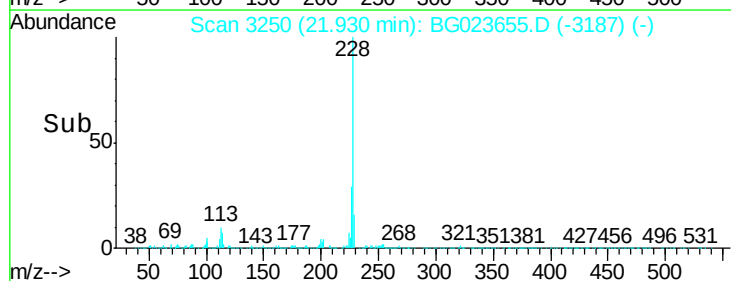
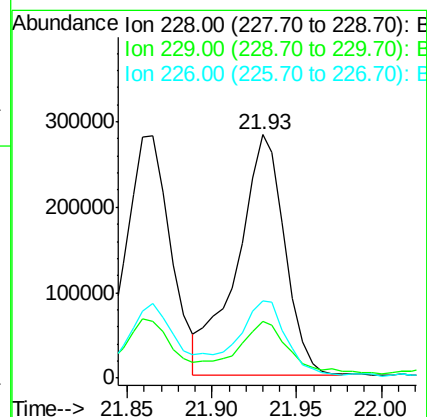
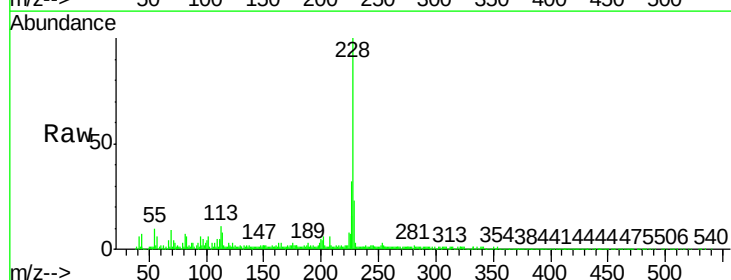
Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS003-3642-01

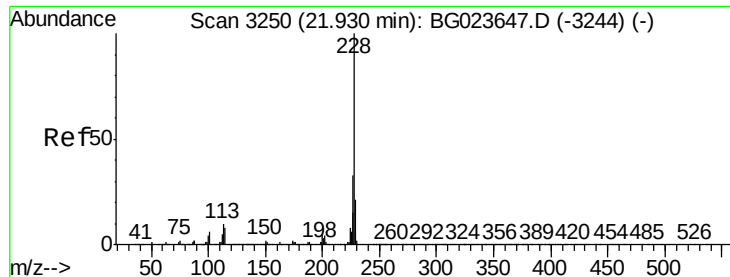
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	12.5	18.7#
100	10.2	10.2	15.4#



#80
 Benzo(a)anthracene
 Concen: 9.03 ng/ul
 RT: 21.93 min Scan# 3250
 Delta R.T. 0.07 min
 Lab File: BG023655.D
 Acq: 12 Aug 2016 14:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.4	23.2
226	31.7	22.8	34.2





#82

Chrysene

Concen: 10.07 ng/ul

RT: 21.93 min Scan# 3250

Delta R.T. -0.00 min

Lab File: BG023655.D

Acq: 12 Aug 2016 14:19

Instrument :

BNA_G

ClientSampleId :

PR001-SS003-3642-01

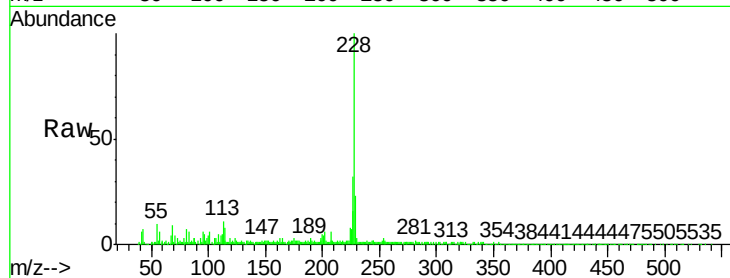
Tgt Ion:228 Resp: 553972

Ion Ratio Lower Upper

228 100

226 31.7 24.2 36.4

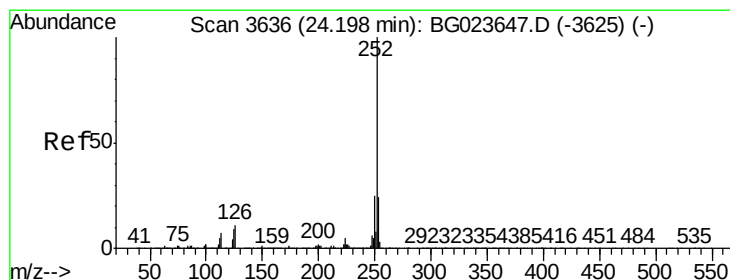
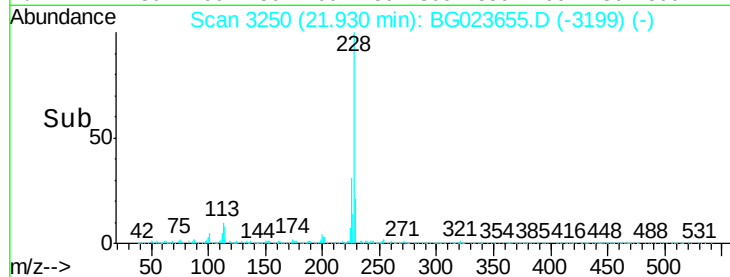
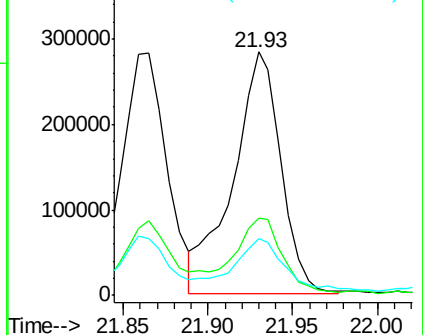
229 23.1 15.0 22.6#



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: 9.93 ng/ul

RT: 24.21 min Scan# 3638

Delta R.T. 0.01 min

Lab File: BG023655.D

Acq: 12 Aug 2016 14:19

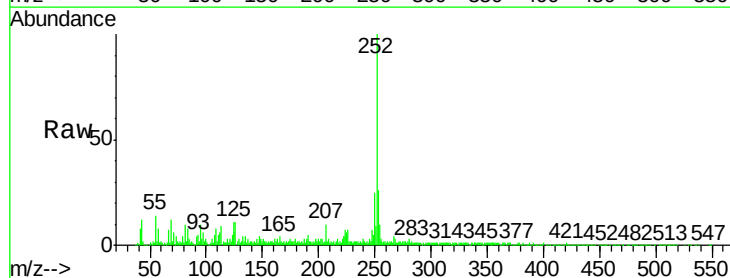
Tgt Ion:252 Resp: 620043

Ion Ratio Lower Upper

252 100

253 25.6 18.2 27.2

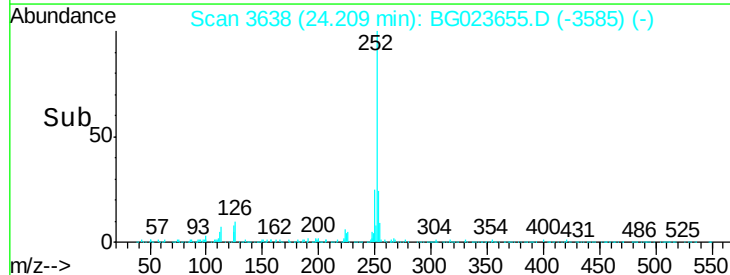
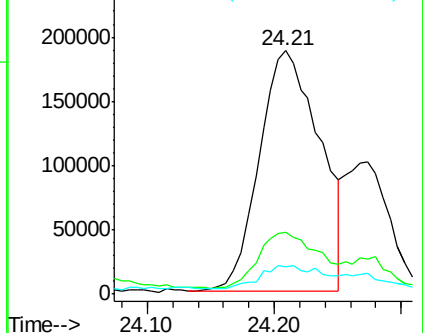
125 11.2 10.8 16.2

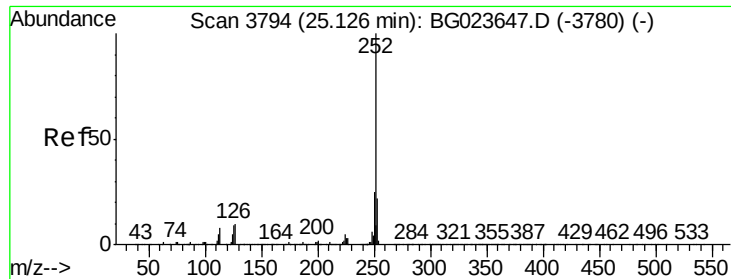


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 5.62 ng/ul

RT: 24.98 min Scan# 3769

Delta R.T. -0.15 min

Lab File: BG023655.D

Acq: 12 Aug 2016 14:19

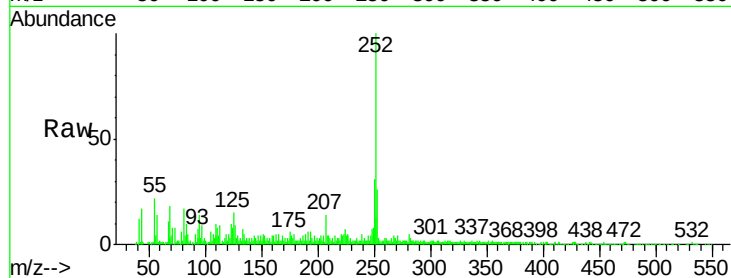
Instrument :

BNA_G

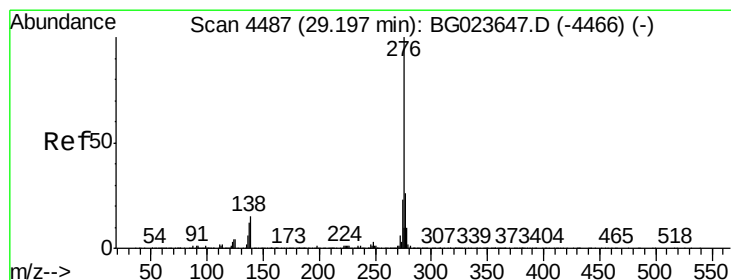
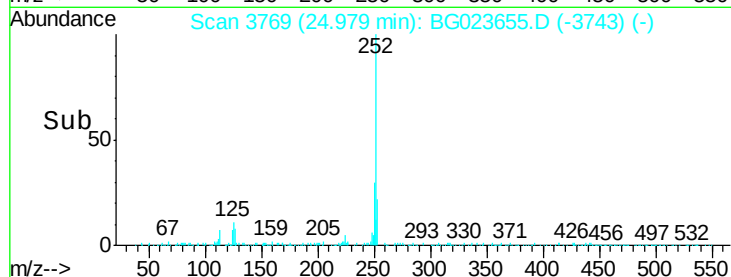
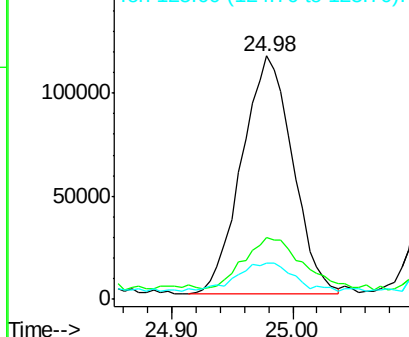
ClientSampleId :

PR001-SS003-3642-01

Tgt Ion:	252	Resp:	338393
Ion Ratio	Lower	Upper	
252	100		
253	25.5	19.0	28.4
125	15.0	12.0	18.0



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 4.03 ng/ul

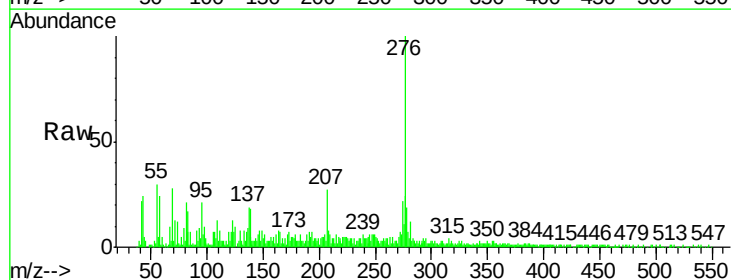
RT: 29.21 min Scan# 4490

Delta R.T. 0.02 min

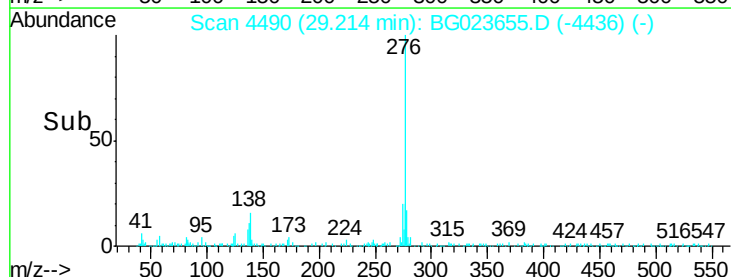
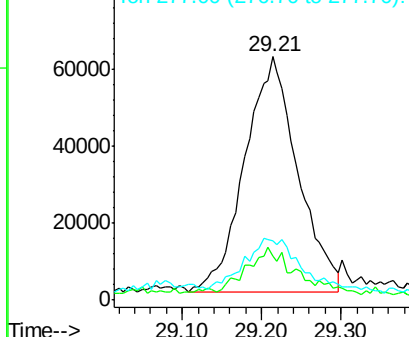
Lab File: BG023655.D

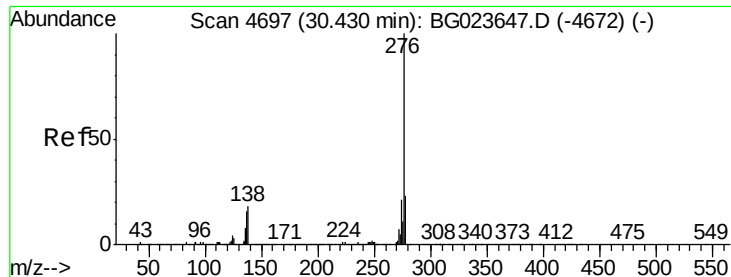
Acq: 12 Aug 2016 14:19

Tgt Ion:	276	Resp:	285003
Ion Ratio	Lower	Upper	
276	100		
138	18.1	20.8	31.2#
277	24.4	17.6	26.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#91

Benzo(g,h,i)perylene

Concen: 2.27 ng/ul

RT: 30.44 min Scan# 4698

Delta R.T. 0.01 min

Lab File: BG023655.D

Acq: 12 Aug 2016 14:19

Instrument :

BNA_G

ClientSampleId :

PR001-SS003-3642-01

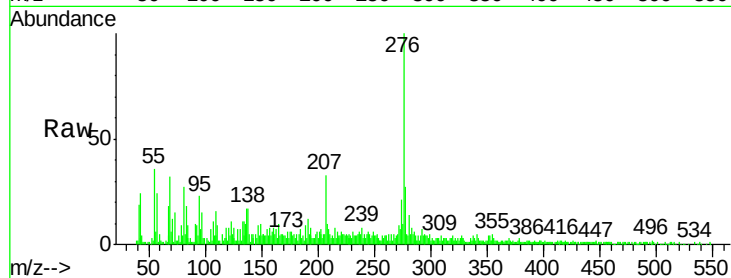
Tgt Ion: 276 Resp: 133513

Ion Ratio Lower Upper

276 100

138 16.6 22.1 33.1#

277 27.2 17.0 25.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

