

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023656.D
 Acq On : 12 Aug 2016 14:57
 Operator : UM/SJ
 Sample : H4360-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS003-0206-01

Quant Time: Aug 13 01:33:28 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	267640	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	1147372	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.79	164	638322	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1062737	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1055429	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	1087937	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.49	96	4042	0.64	ng/uL	0.01
5) Phenol-d5	7.27	99	287103	10.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	196705	11.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	215356	11.71	ng/ul	0.01
13) 4-Methylphenol-d8	8.84	113	212523	10.10	ng/ul	0.01
19) Nitrobenzene-d5	9.44	128	215	0.02	ng/ul	0.15
22) 2-Nitrophenol-d4	10.03	143	105144	10.12	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.74	165	851	0.04	ng/ul	0.17
29) 4-Chloroaniline-d4	11.10	131	47439	2.06	ng/ul	0.01
43) Dimethylphthalate-d6	14.18	166	635984	12.17	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	741845	12.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.02	143	58597	6.57	ng/ul	0.01
57) Fluorene-d10	15.78	176	502605	10.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	26717	3.92	ng/ul	0.01
70) Anthracene-d10	17.65	188	617521	12.90	ng/ul	0.00
76) Pyrene-d10	19.94	212	631646	11.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	613798	12.46	ng/ul	0.00

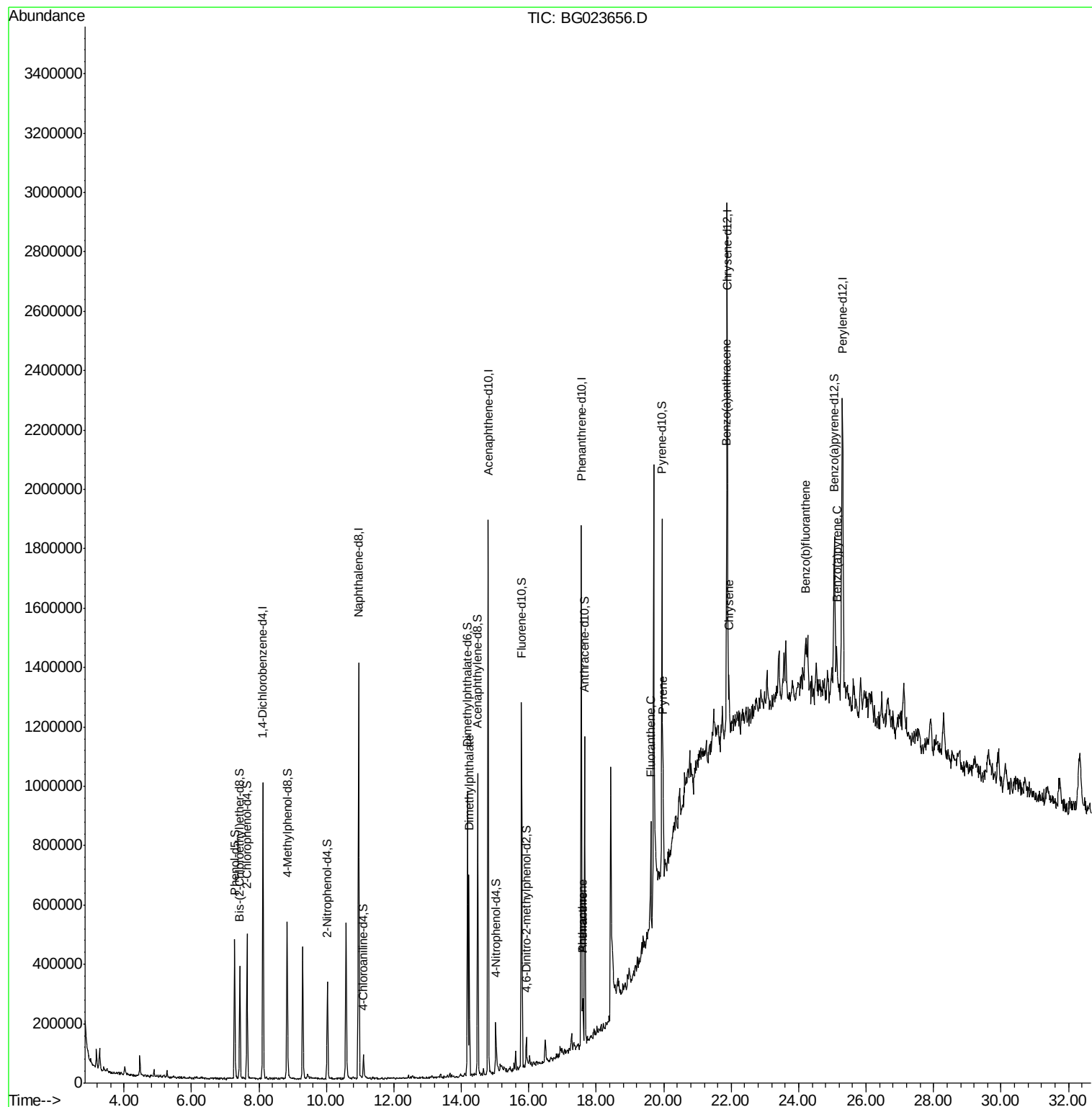
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Dimethylphthalate	14.23	163	428878	8.29	ng/ul	99
69) Phenanthrene	17.60	178	92005	1.67	ng/ul	96
71) Anthracene	17.60	178	91502	1.63	ng/ul	96
74) Fluoranthene	19.61	202	210971	3.74	ng/ul#	89
77) Pyrene	19.98	202	226436	3.47	ng/ul#	90
80) Benzo(a)anthracene	21.86	228	108096	1.82	ng/ul#	89
82) Chrysene	21.93	228	125562	2.32	ng/ul#	95
85) Benzo(b)fluoranthene	24.20	252	166113	2.68	ng/ul#	62
88) Benzo(a)pyrene	25.13	252	117276	1.96	ng/ul#	87

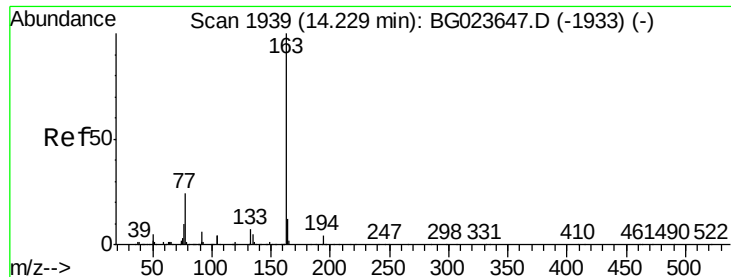
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 8.29 ng/ul

RT: 14.23 min Scan# 1940

Delta R.T. 0.01 min

Lab File: BG023656.D

Acq: 12 Aug 2016 14:57

Instrument :

BNA_G

ClientSampleId :

PR001-SS003-0206-01

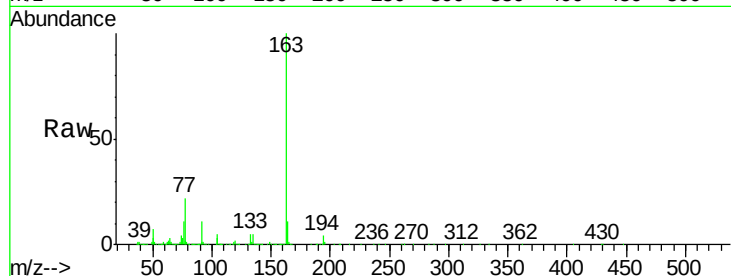
Tgt Ion:163 Resp: 428878

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

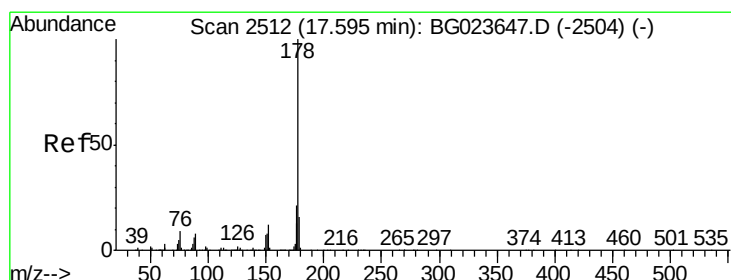
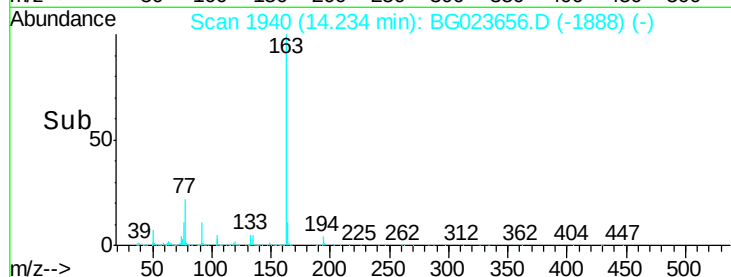
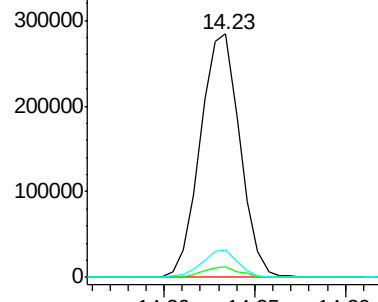
164 11.4 8.8 13.2



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: 1.67 ng/ul

RT: 17.60 min Scan# 2513

Delta R.T. 0.01 min

Lab File: BG023656.D

Acq: 12 Aug 2016 14:57

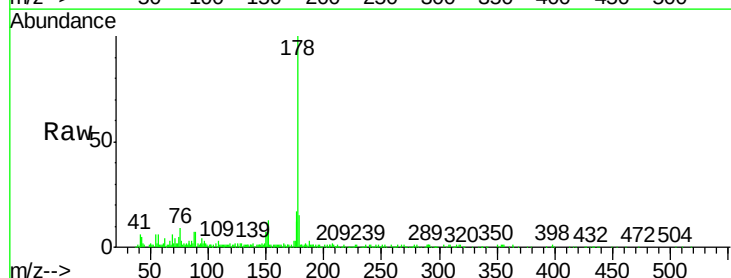
Tgt Ion:178 Resp: 92005

Ion Ratio Lower Upper

178 100

179 15.4 12.9 19.3

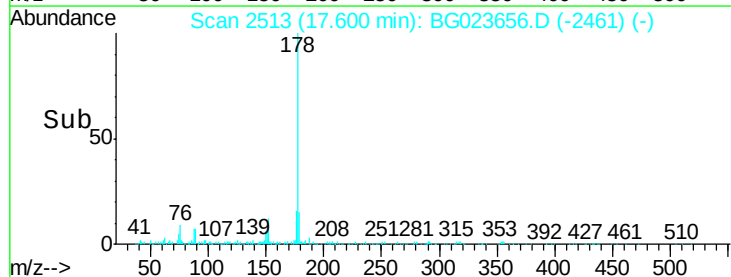
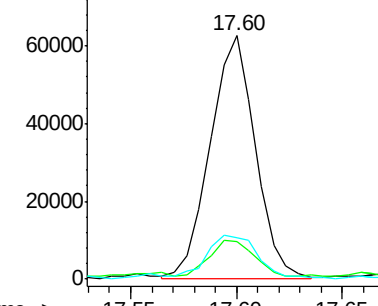
176 16.8 15.8 23.8

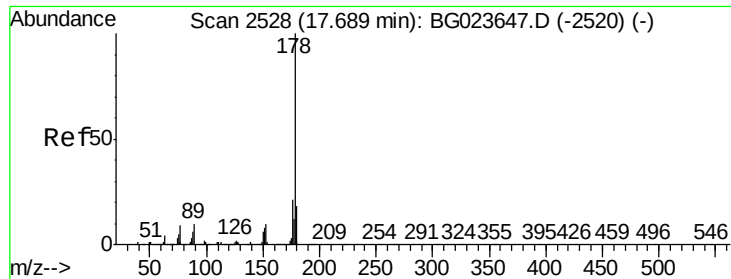


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.63 ng/ul

RT: 17.60 min Scan# 2513

Delta R.T. -0.09 min

Lab File: BG023656.D

Acq: 12 Aug 2016 14:57

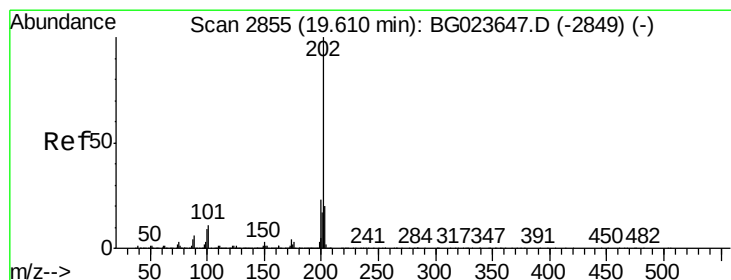
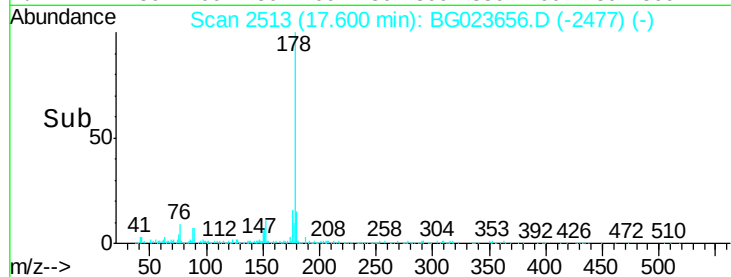
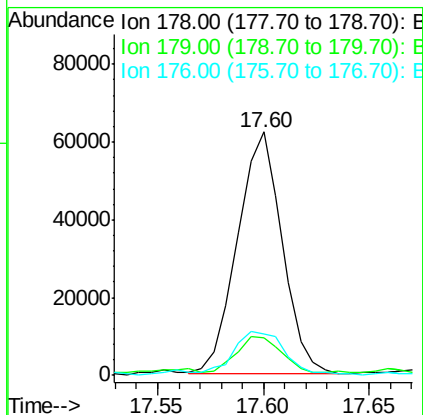
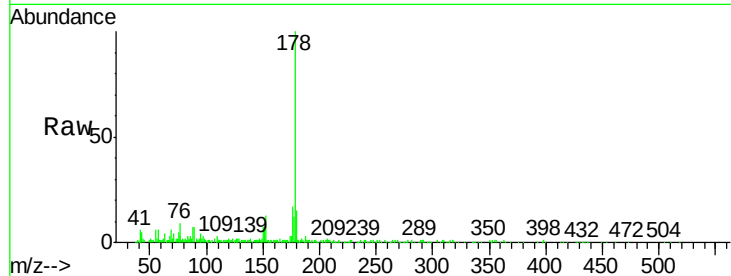
Instrument :

BNA_G

ClientSampleId :

PR001-SS003-0206-01

Tgt Ion:	178	Resp:	91502
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	16.8	16.3	24.5



#74

Fluoranthene

Concen: 3.74 ng/ul

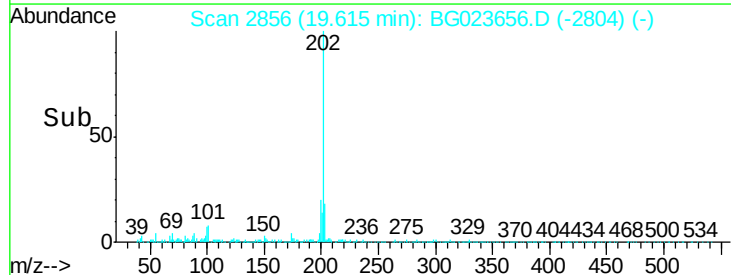
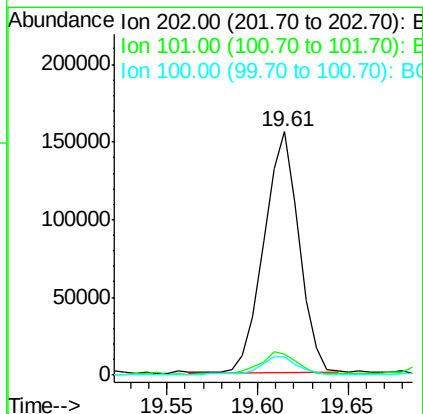
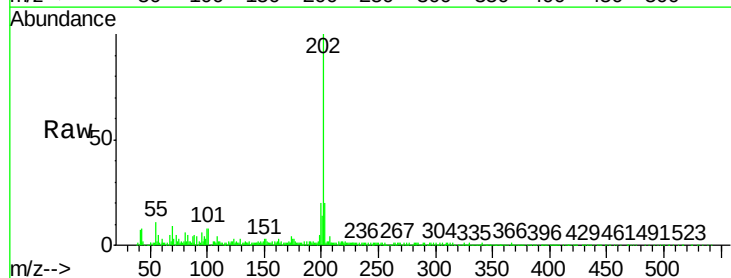
RT: 19.61 min Scan# 2856

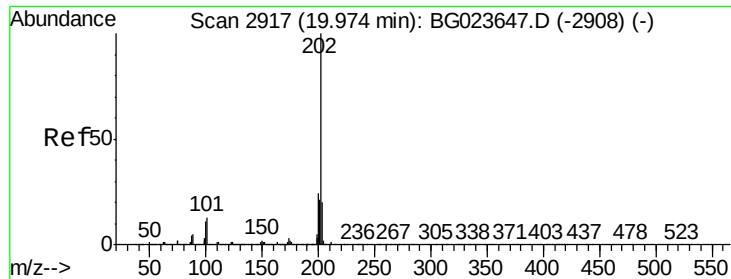
Delta R.T. 0.01 min

Lab File: BG023656.D

Acq: 12 Aug 2016 14:57

Tgt Ion:	202	Resp:	210971
Ion	Ratio	Lower	Upper
202	100		
101	8.5	10.6	16.0#
100	7.6	8.7	13.1#

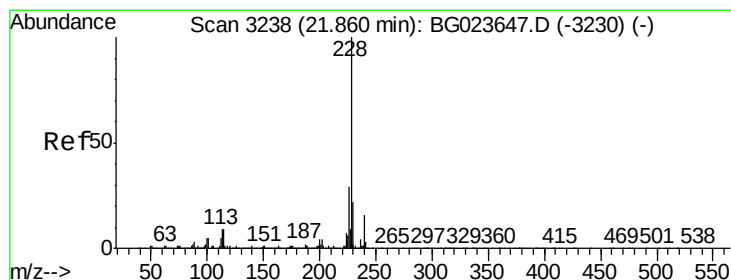
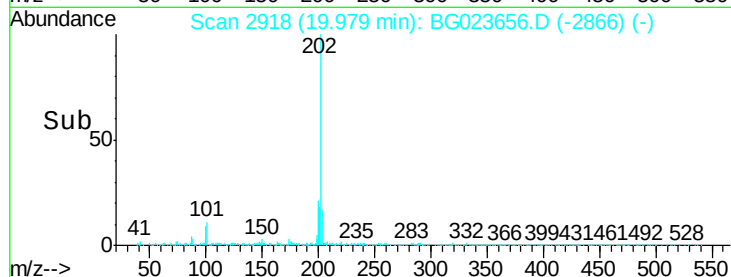
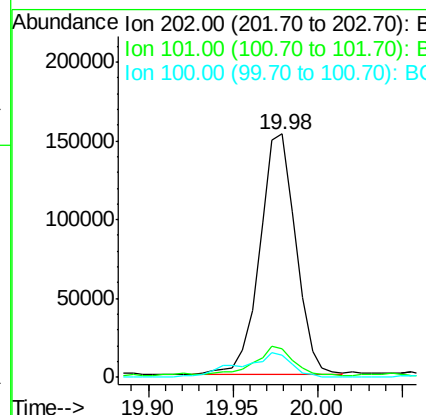
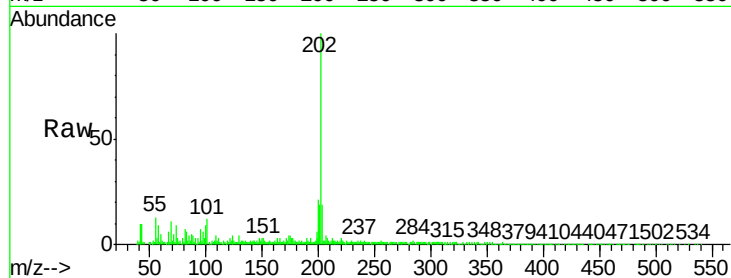




#77
 Pyrene
 Concen: 3.47 ng/ul
 RT: 19.98 min Scan# 2918
 Delta R.T. 0.01 min
 Lab File: BG023656.D
 Acq: 12 Aug 2016 14:57

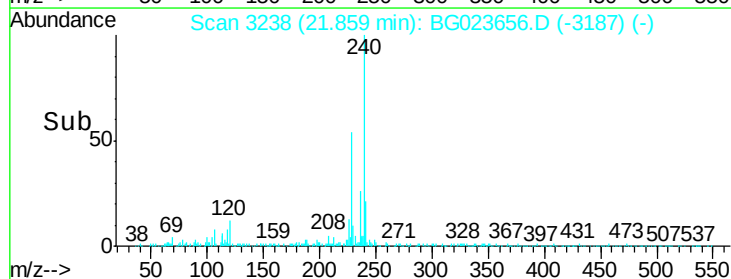
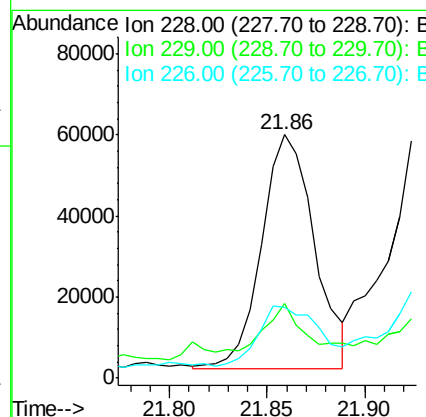
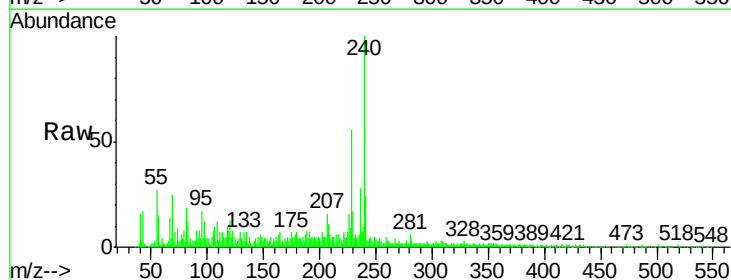
Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS003-0206-01

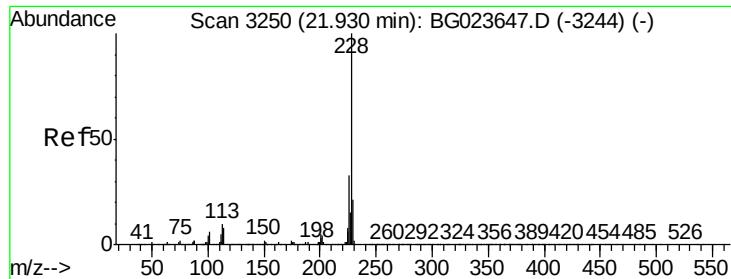
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	12.5	18.7#
100	8.9	10.2	15.4#



#80
 Benzo(a)anthracene
 Concen: 1.82 ng/ul
 RT: 21.86 min Scan# 3238
 Delta R.T. -0.00 min
 Lab File: BG023656.D
 Acq: 12 Aug 2016 14:57

Tgt Ion	Ratio	Lower	Upper
228	100		
229	30.6	15.4	23.2#
226	29.0	22.8	34.2





#82

Chrysene

Concen: 2.32 ng/ul

RT: 21.93 min Scan# 3250

Delta R.T. -0.00 min

Lab File: BG023656.D

Acq: 12 Aug 2016 14:57

Instrument :

BNA_G

ClientSampleId :

PR001-SS003-0206-01

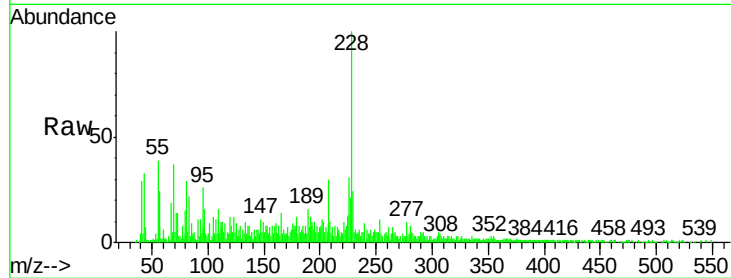
Tgt Ion:228 Resp: 125562

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.4

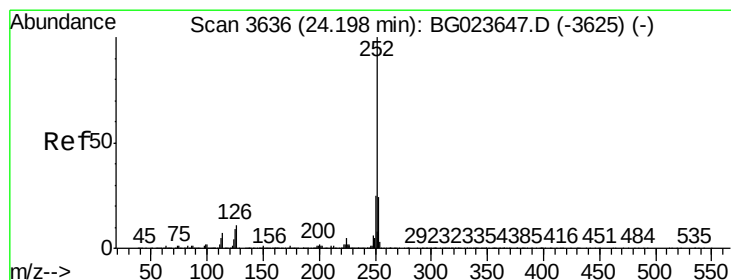
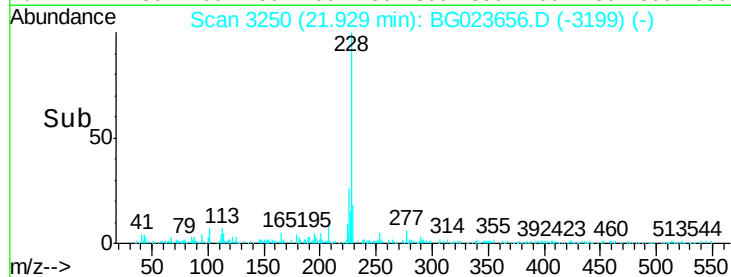
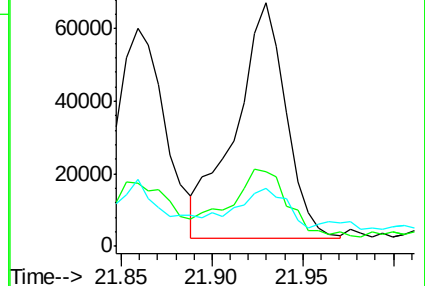
229 23.6 15.0 22.6#



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: 2.68 ng/ul

RT: 24.20 min Scan# 3637

Delta R.T. 0.01 min

Lab File: BG023656.D

Acq: 12 Aug 2016 14:57

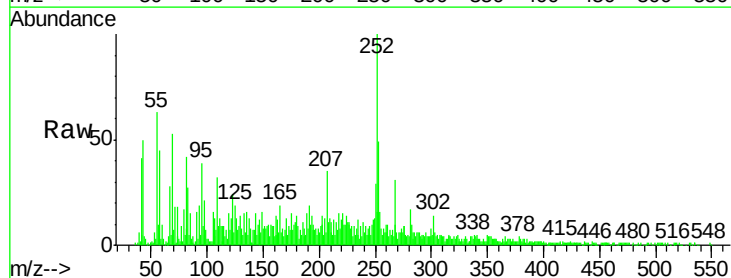
Tgt Ion:252 Resp: 166113

Ion Ratio Lower Upper

252 100

253 48.5 18.2 27.2#

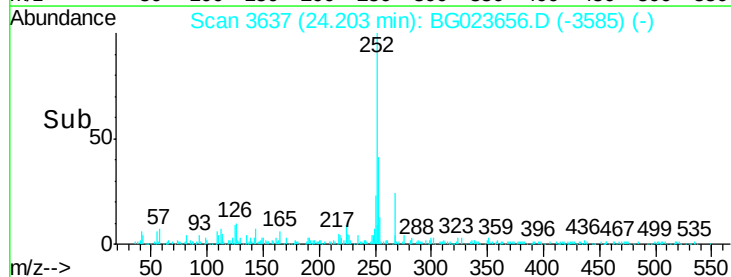
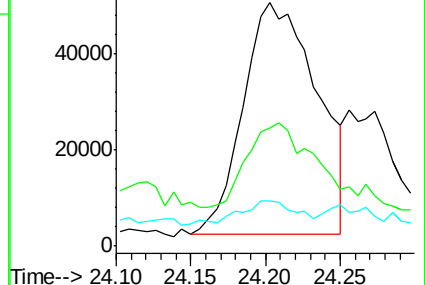
125 18.6 10.8 16.2#

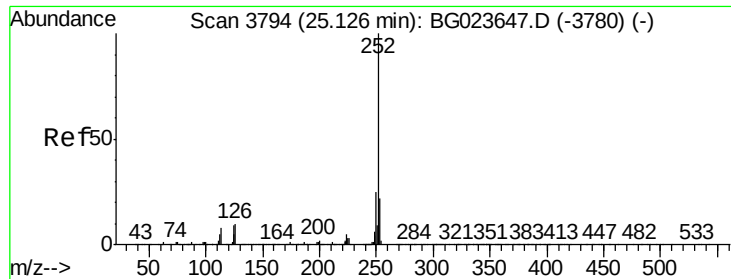


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.96 ng/ul

RT: 25.13 min Scan# 3795

Delta R.T. 0.01 min

Lab File: BG023656.D

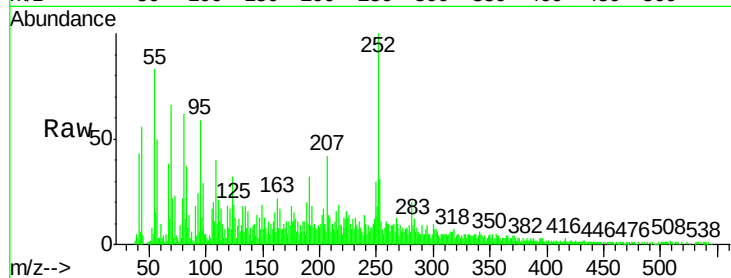
Acq: 12 Aug 2016 14:57

Instrument :

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ClientSampleId :

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Tgt Ion:	252	Resp:	117276
Ion	Ratio	Lower	Upper
252	100		
253	31.0	19.0	28.4#
125	19.1	12.0	18.0#

