

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023663.D
 Acq On : 12 Aug 2016 19:41
 Operator : UM/SJ
 Sample : H4385-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P002-SS004-0002-01

Quant Time: Aug 13 03:21:02 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 03:19:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	133140	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	596682	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.79	164	411337	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.55	188	969525	20.00	ng/ul	-0.01
75) Chrysene-d12	21.88	240	953155	20.00	ng/ul	-0.02
83) Perylene-d12	25.30	264	976252	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	8058	2.57	ng/uL	0.00
5) Phenol-d5	7.27	99	233554	17.41	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	157515	18.33	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.64	132	165495	18.09	ng/ul	-0.02
13) 4-Methylphenol-d8	8.83	113	155726	14.87	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	88667	18.85	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.02	143	108821	20.15	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.57	165	190477	18.69	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.18	131	1569	0.13	ng/ul	0.08
43) Dimethylphthalate-d6	14.18	166	661970	19.66	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	767932	20.26	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.01	143	100620	17.50	ng/ul	-0.01
57) Fluorene-d10	15.78	176	605536	19.46	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.91	200	101336	16.29	ng/ul	-0.02
70) Anthracene-d10	17.65	188	884876	20.26	ng/ul	-0.01
76) Pyrene-d10	19.95	212	919138	19.05	ng/ul	-0.01
87) Benzo(a)pyrene-d12	25.05	264	880841	19.93	ng/ul	-0.04

Target Compounds

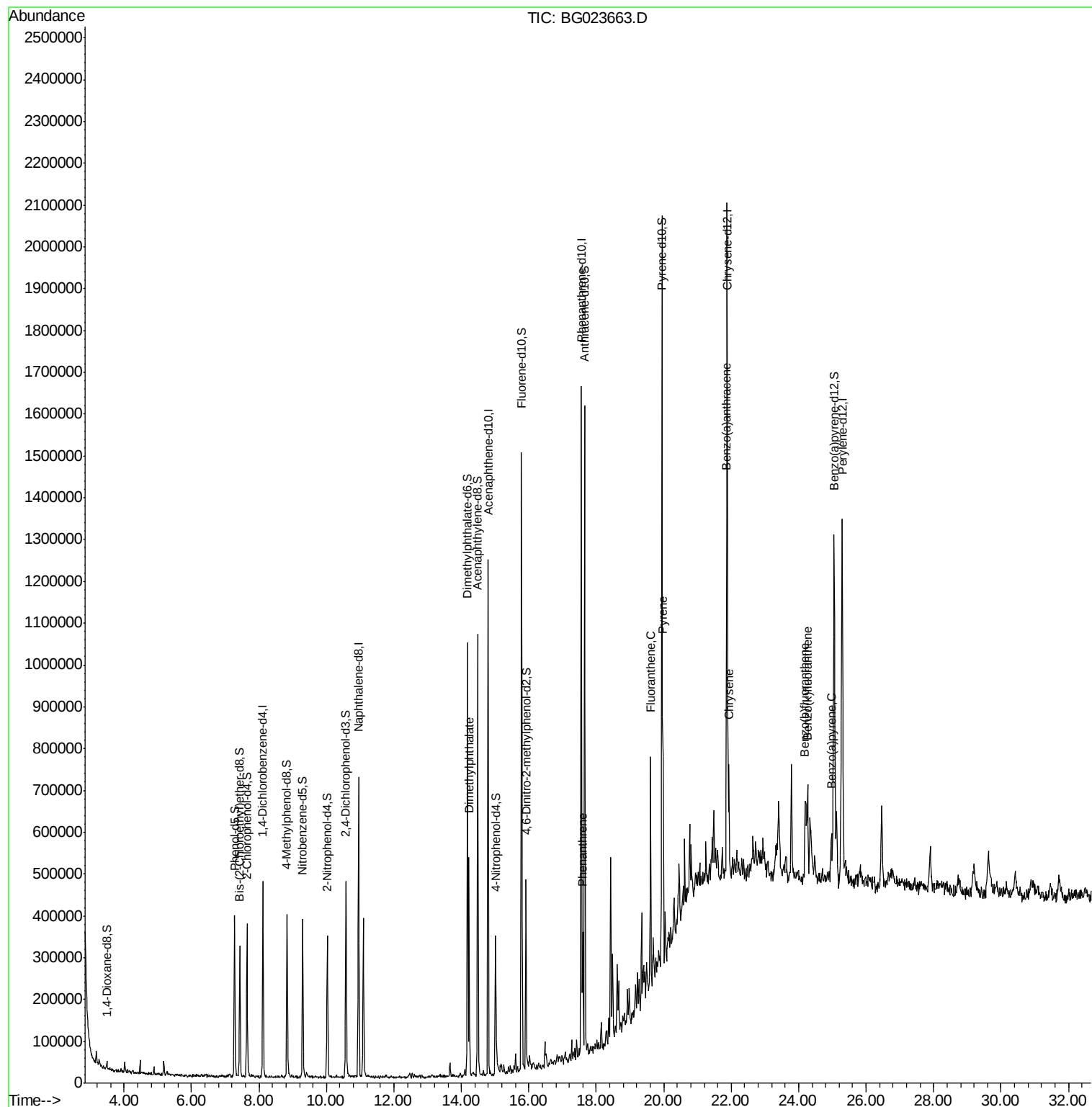
						Qvalue
44) Dimethylphthalate	14.23	163	322662	9.68	ng/ul	99
69) Phenanthrene	17.60	178	184310	3.67	ng/ul	96
74) Fluoranthene	19.61	202	330551	6.43	ng/ul#	92
77) Pyrene	19.98	202	396205	6.72	ng/ul#	91
80) Benzo(a)anthracene	21.86	228	188186	3.51	ng/ul#	92
82) Chrysene	21.93	228	209770	4.30	ng/ul#	94
85) Benzo(b)fluoranthene	24.20	252	203976	3.67	ng/ul#	95
86) Benzo(k)fluoranthene	24.26	252	91579	1.68	ng/ul#	85
88) Benzo(a)pyrene	24.97	252	128026	2.39	ng/ul	99

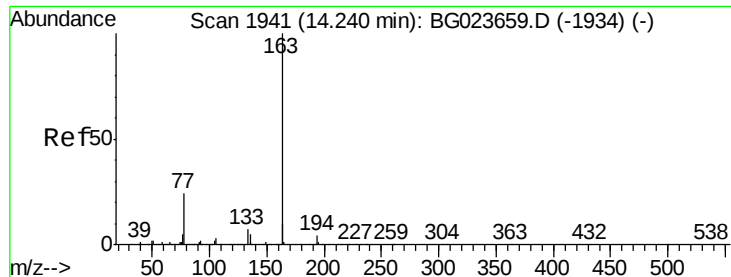
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 9.68 ng/ul

RT: 14.23 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG023663.D

Acq: 12 Aug 2016 19:41

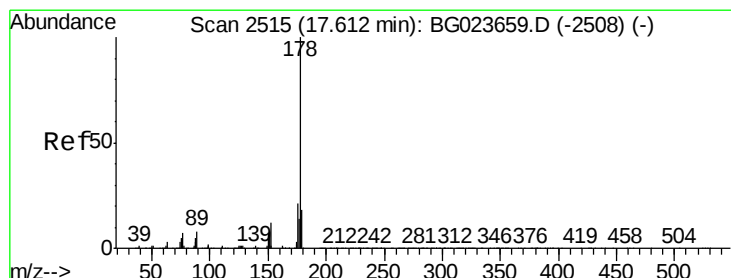
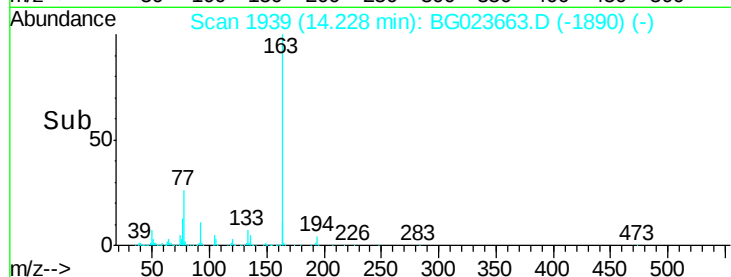
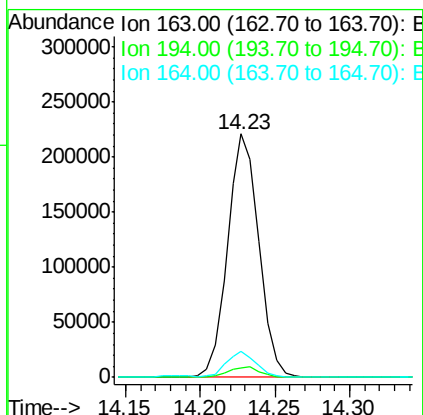
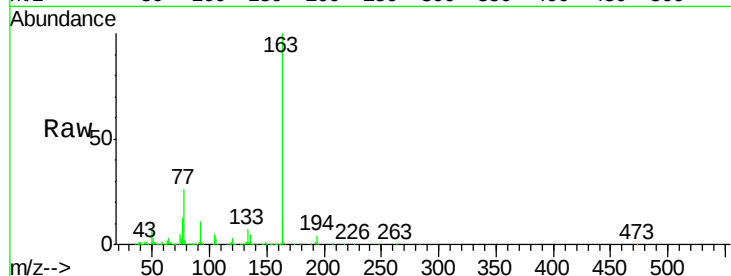
Instrument :

BNA_G

ClientSampleId :

P002-SS004-0002-01

Tgt Ion:	163	Resp:	322662
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.2
164	10.8	8.8	13.2



#69

Phenanthrene

Concen: 3.67 ng/ul

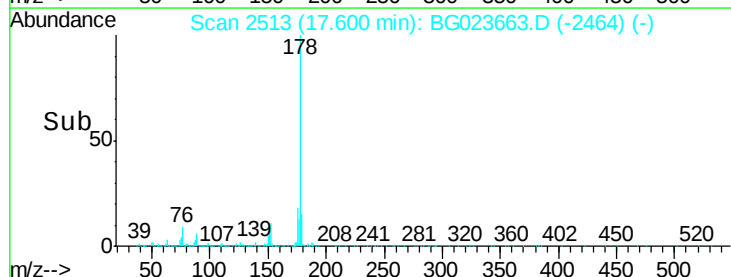
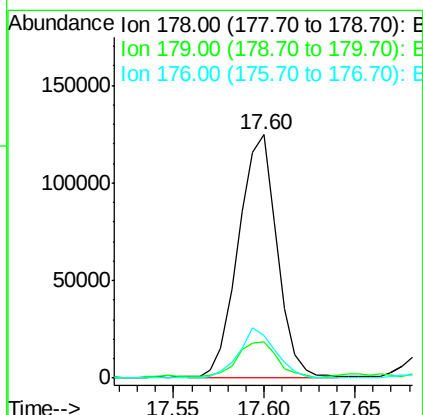
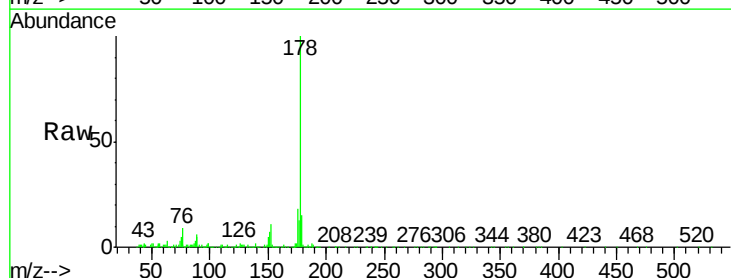
RT: 17.60 min Scan# 2513

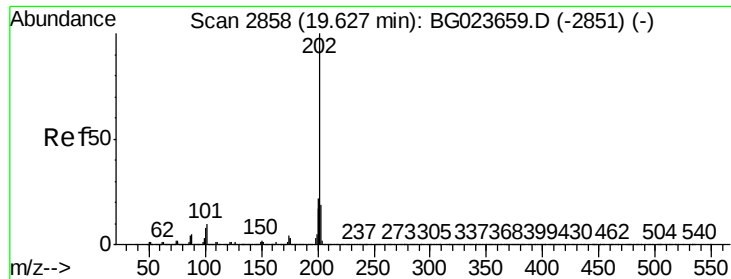
Delta R.T. -0.01 min

Lab File: BG023663.D

Acq: 12 Aug 2016 19:41

Tgt Ion:	178	Resp:	184310
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.9	19.3
176	17.6	15.8	23.8

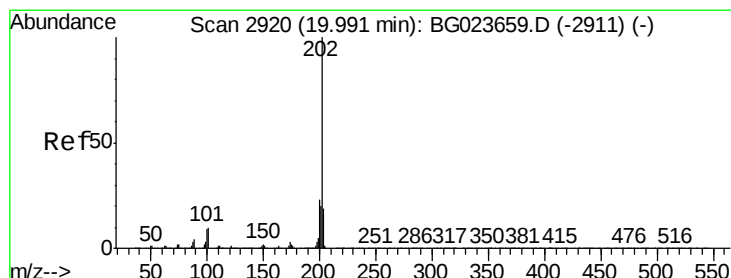
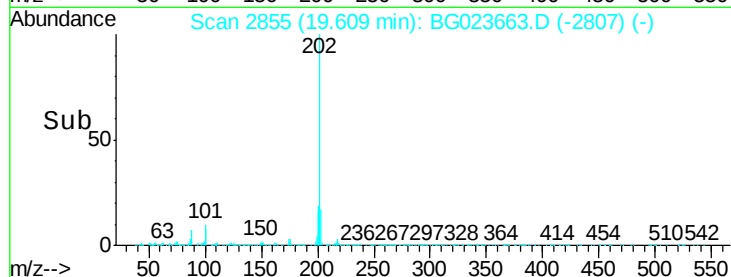
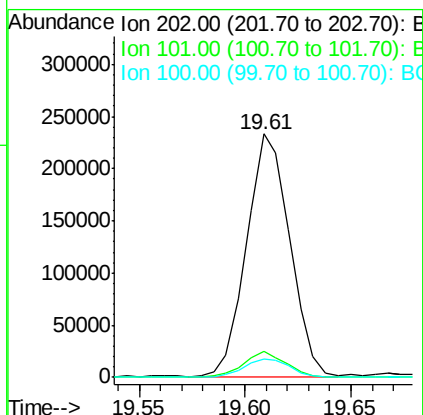
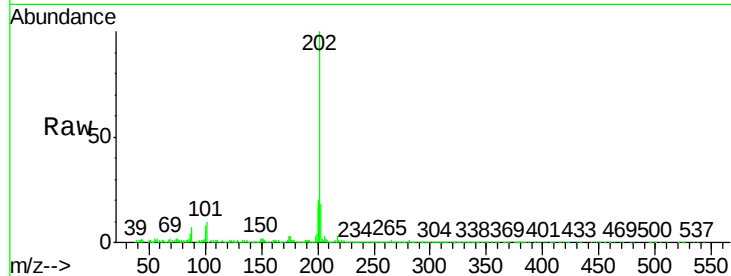




#74
 Fluoranthene
 Concen: 6.43 ng/ul
 RT: 19.61 min Scan# 2855
 Delta R.T. -0.02 min
 Lab File: BG023663.D
 Acq: 12 Aug 2016 19:41

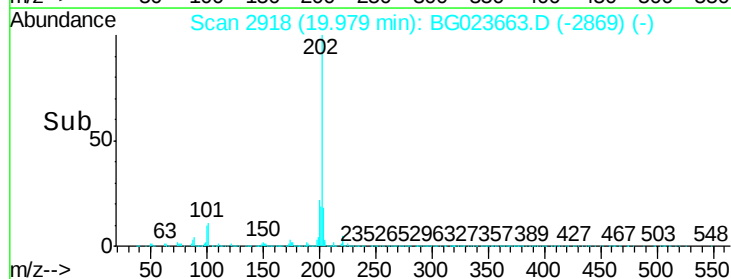
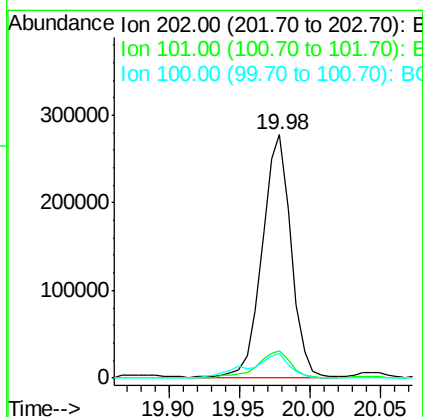
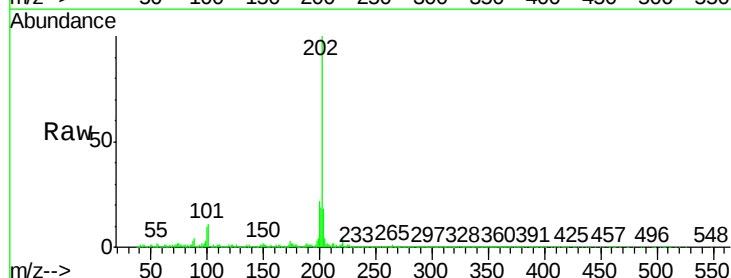
Instrument :
 BNA_G
 ClientSampleId :
 P002-SS004-0002-01

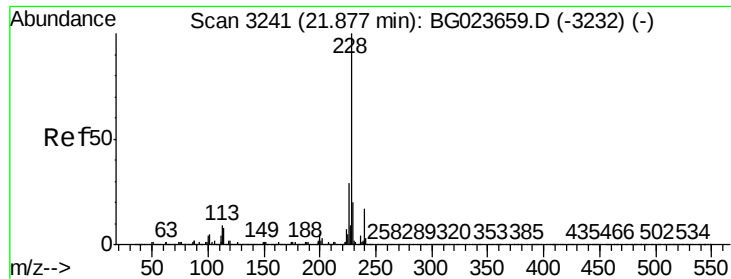
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	10.6	16.0#
100	7.6	8.7	13.1#



#77
 Pyrene
 Concen: 6.72 ng/ul
 RT: 19.98 min Scan# 2918
 Delta R.T. -0.01 min
 Lab File: BG023663.D
 Acq: 12 Aug 2016 19:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	12.5	18.7#
100	10.1	10.2	15.4#





#80

Benzo(a)anthracene

Concen: 3.51 ng/ul

RT: 21.86 min Scan# 3238

Delta R.T. -0.02 min

Lab File: BG023663.D

Acq: 12 Aug 2016 19:41

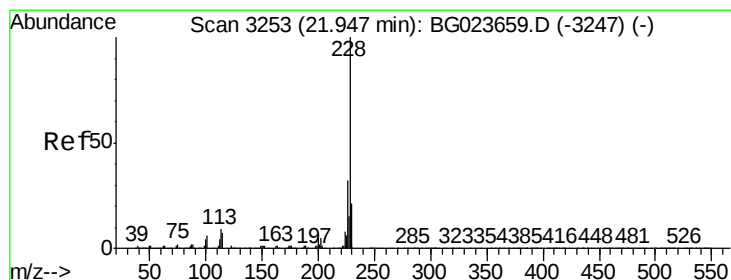
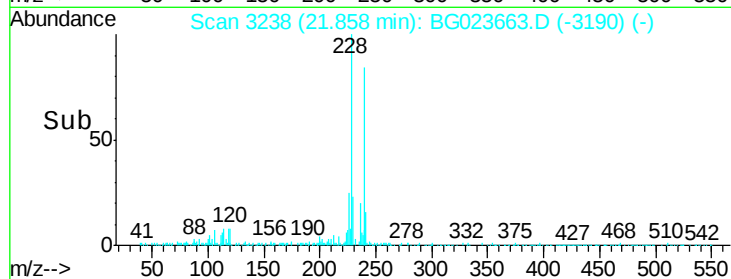
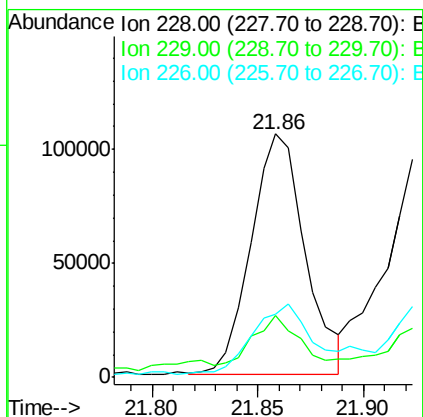
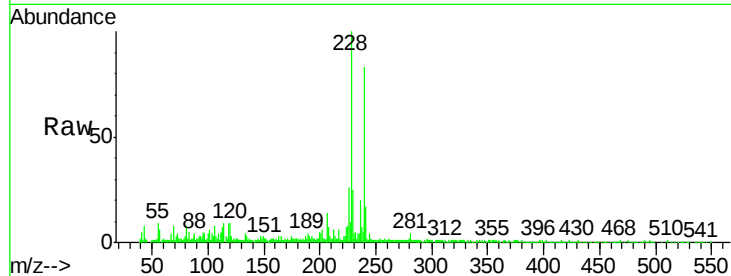
Instrument :

BNA_G

ClientSampleId :

P002-SS004-0002-01

Tgt Ion:	228	Resp:	188186
Ion	Ratio	Lower	Upper
228	100		
229	25.2	15.4	23.2#
226	25.8	22.8	34.2



#82

Chrysene

Concen: 4.30 ng/ul

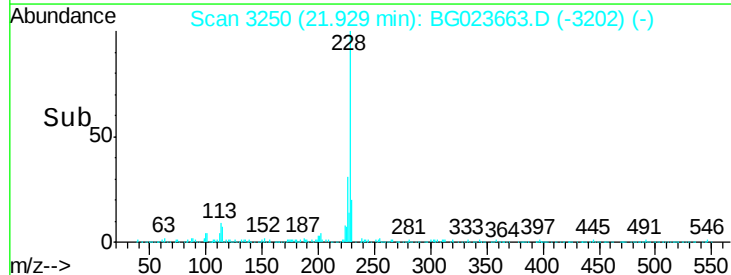
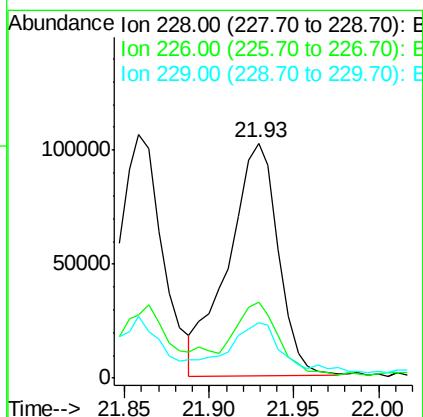
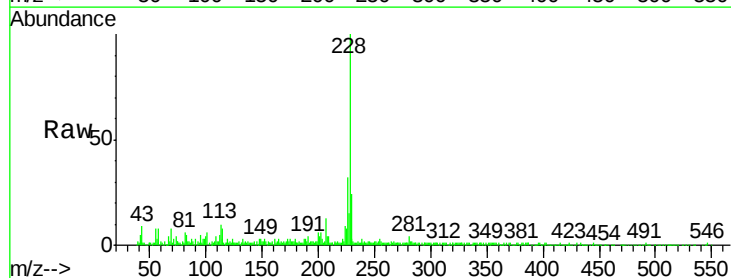
RT: 21.93 min Scan# 3250

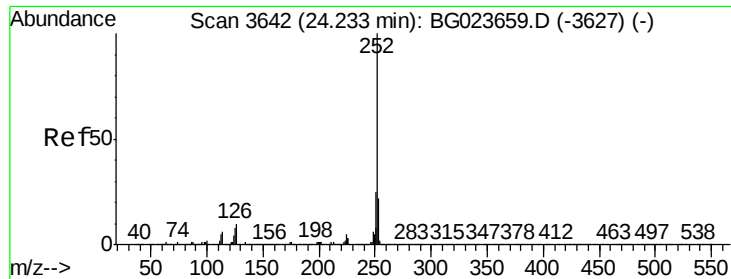
Delta R.T. -0.02 min

Lab File: BG023663.D

Acq: 12 Aug 2016 19:41

Tgt Ion:	228	Resp:	209770
Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.2	36.4
229	23.7	15.0	22.6#





#85

Benzo(b)fluoranthene

Concen: 3.67 ng/ul

RT: 24.20 min Scan# 3636

Delta R.T. -0.04 min

Lab File: BG023663.D

Acq: 12 Aug 2016 19:41

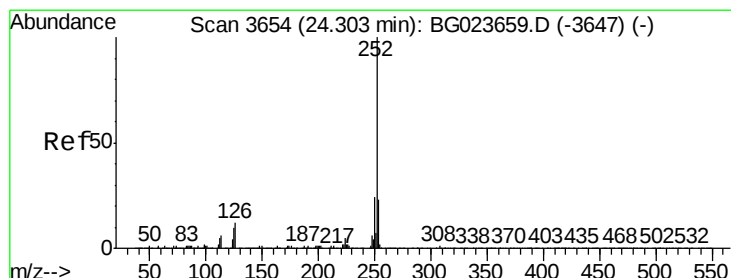
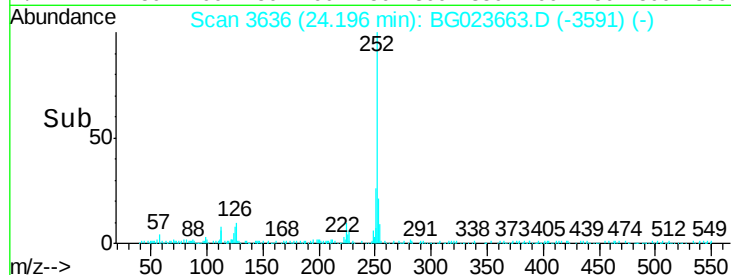
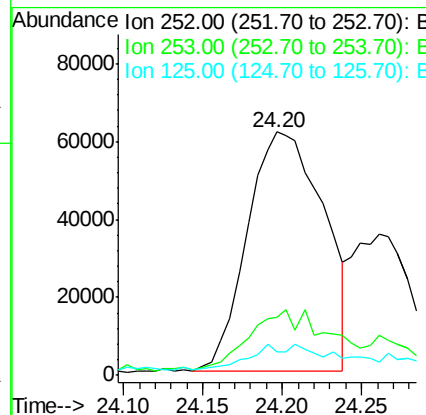
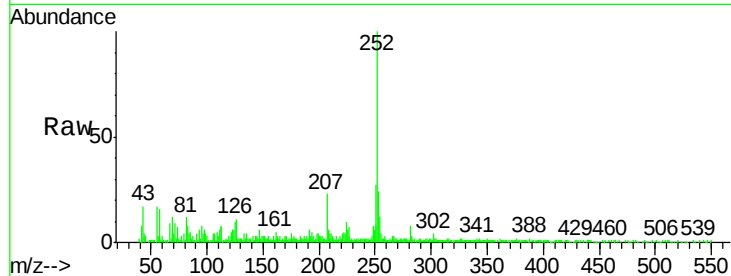
Instrument :

BNA_G

ClientSampleId :

P002-SS004-0002-01

Tgt Ion:	252	Resp:	203976
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.2	27.2
125	9.6	10.8	16.2#



#86

Benzo(k)fluoranthene

Concen: 1.68 ng/ul

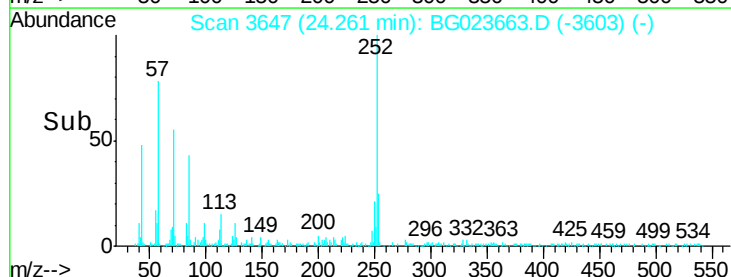
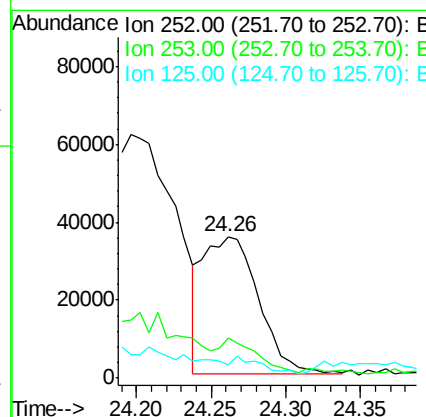
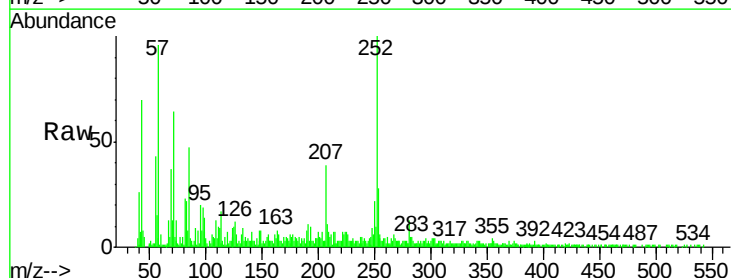
RT: 24.26 min Scan# 3647

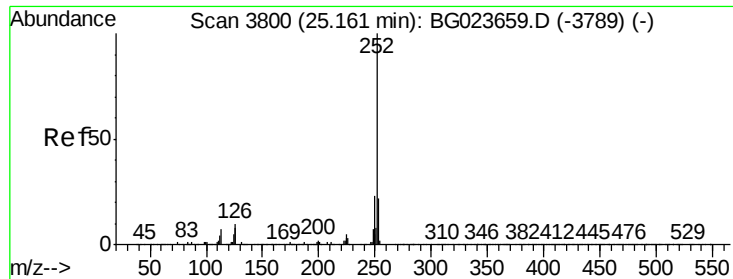
Delta R.T. -0.04 min

Lab File: BG023663.D

Acq: 12 Aug 2016 19:41

Tgt Ion:	252	Resp:	91579
Ion Ratio	Lower	Upper	
252	100		
253	28.3	15.8	23.6#
125	9.5	10.6	16.0#





#88

Benzo(a)pyrene

Concen: 2.39 ng/ul

RT: 24.97 min Scan# 3768

Delta R.T. -0.19 min

Lab File: BG023663.D

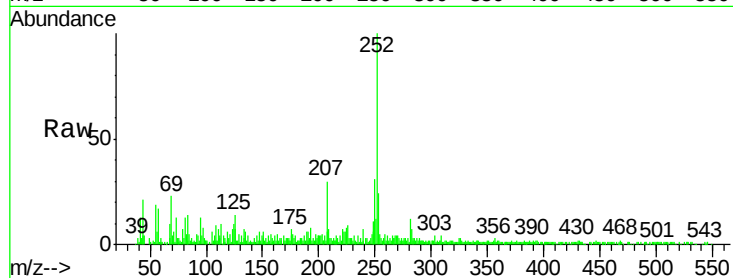
Acq: 12 Aug 2016 19:41

Instrument :

BNA_G

ClientSampleId :

P002-SS004-0002-01



Tgt Ion:	252	Resp:	128026
Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.4
125	13.9	12.0	18.0

