

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
 Data File : BG020794.D
 Acq On : 4 Feb 2016 19:48
 Operator : SJ/IZ
 Sample : H1334-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBG03

Quant Time: Feb 05 04:21:16 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG012716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 05 04:10:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23314	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	116811	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	66112	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	129462	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	111361	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	105309	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1883	3.87	ng/uL	0.00
5) Phenol-d5	7.41	99	49736	20.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	28259	22.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	40861	22.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	43939	21.34	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	20507	28.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	18785	30.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	38709	22.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	64160	26.75	ng/ul	0.00
44) Dimethylphthalate-d6	14.29	166	126322	22.37	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	167079	24.28	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	20052	20.07	ng/ul	0.00
58) Fluorene-d10	15.87	176	109797	22.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	7542	17.64	ng/ul	0.00
71) Anthracene-d10	17.72	188	154025	24.19	ng/ul	0.00
79) Pyrene-d10	19.98	212	148359	24.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	141540	25.08	ng/ul	0.01

Target Compounds

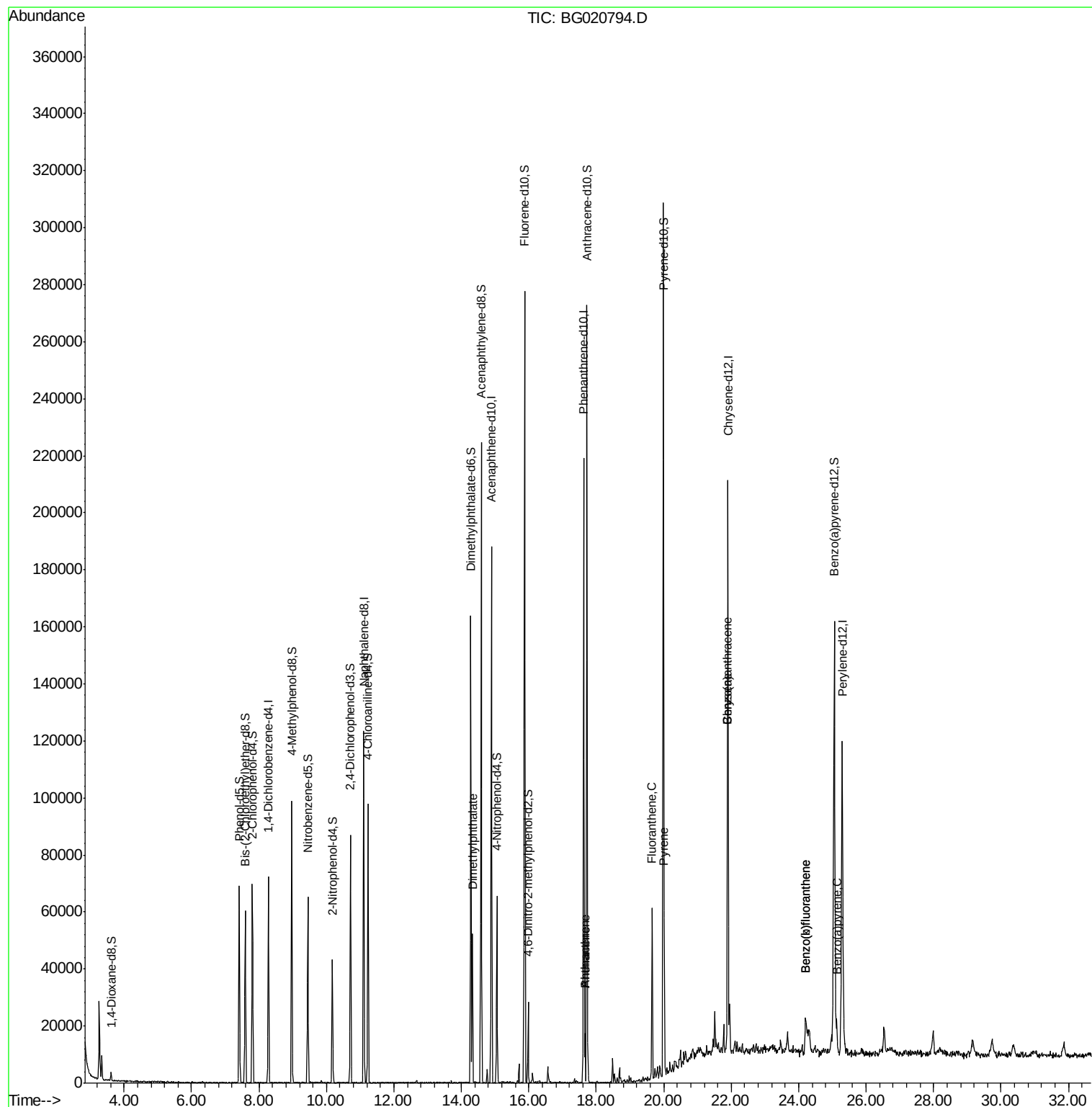
						Qvalue
45) Dimethylphthalate	14.33	163	36305	6.16	ng/ul	98
70) Phenanthrene	17.66	178	10926	1.34	ng/ul	97
72) Anthracene	17.66	178	10926	1.34	ng/ul	97
77) Fluoranthene	19.66	202	34693	4.15	ng/ul#	79
80) Pyrene	20.01	202	29808	3.54	ng/ul#	75
83) Benzo(a)anthracene	21.88	228	13327	1.86	ng/ul	97
85) Chrysene	21.88	228	13327	2.00	ng/ul	100
88) Benzo(b)fluoranthene	24.20	252	12652	1.83	ng/ul#	89
89) Benzo(k)fluoranthene	24.20	252	12652	1.87	ng/ul#	88
91) Benzo(a)pyrene	25.12	252	10458	1.58	ng/ul#	87

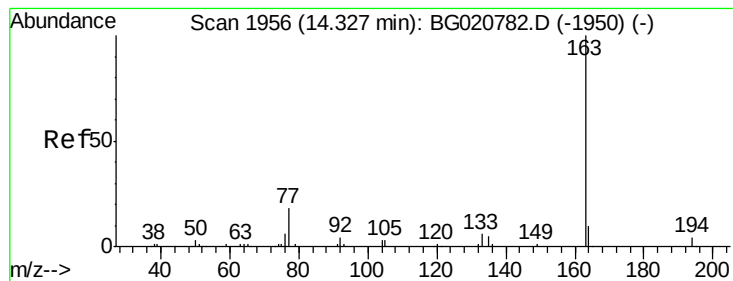
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 6.16 ng/ul

RT: 14.33 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG020794.D

Acq: 4 Feb 2016 19:48

Instrument :

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ClientSampleId :

BBG03

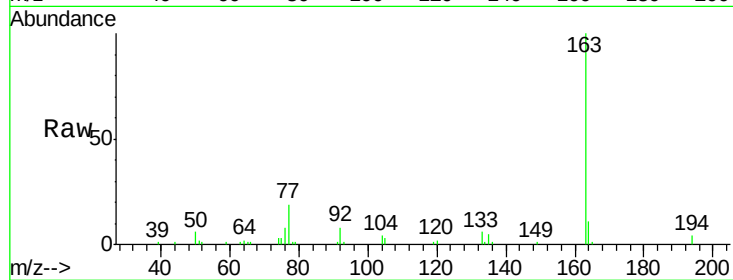
Tgt Ion:163 Resp: 36305

Ion Ratio Lower Upper

163 100

194 4.3 4.0 6.0

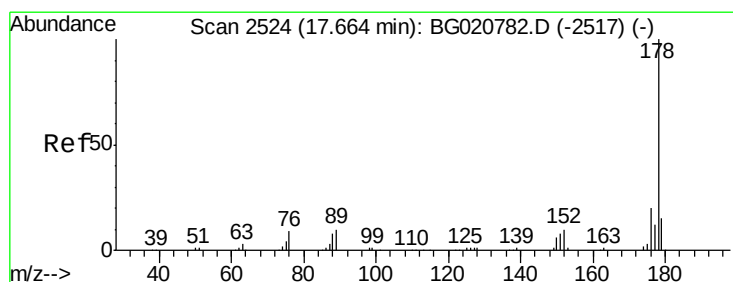
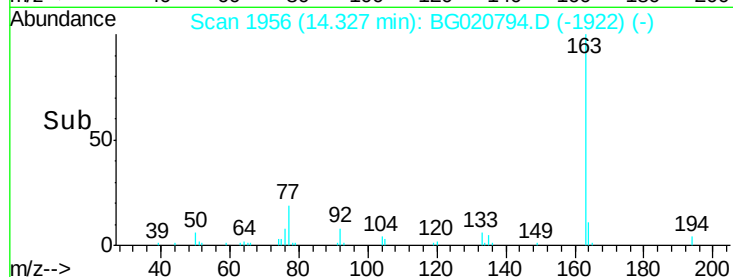
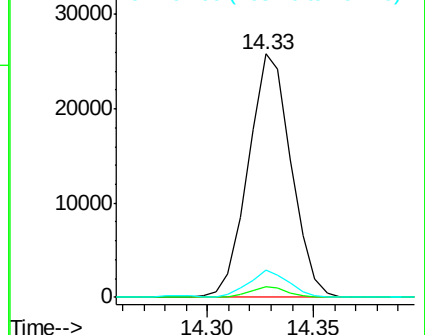
164 11.0 8.4 12.6



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



#70

Phenanthrene

Concen: 1.34 ng/ul

RT: 17.66 min Scan# 2524

Delta R.T. -0.00 min

Lab File: BG020794.D

Acq: 4 Feb 2016 19:48

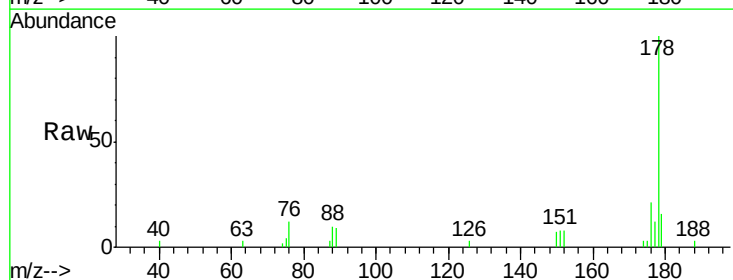
Tgt Ion:178 Resp: 10926

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

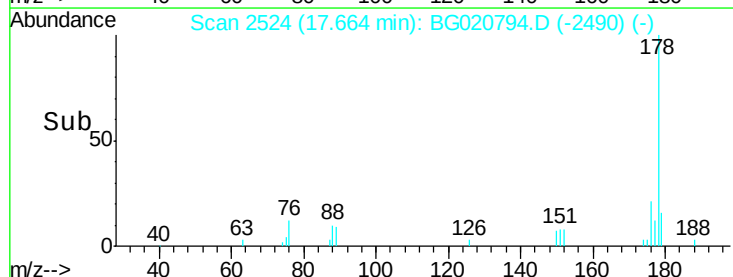
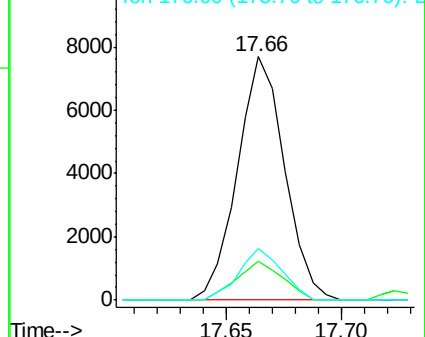
176 21.0 15.4 23.0

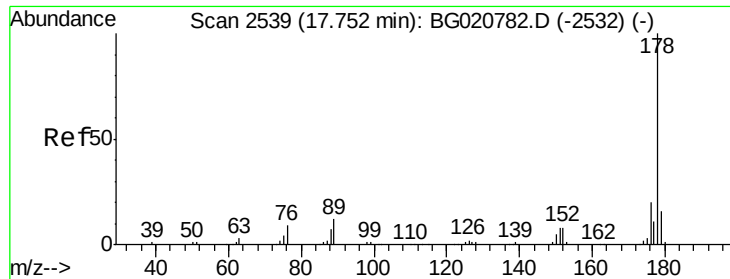


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.34 ng/ul

RT: 17.66 min Scan# 2524

Delta R.T. -0.09 min

Lab File: BG020794.D

Acq: 4 Feb 2016 19:48

Instrument :

BNA_G

ClientSampleId :

BBG03

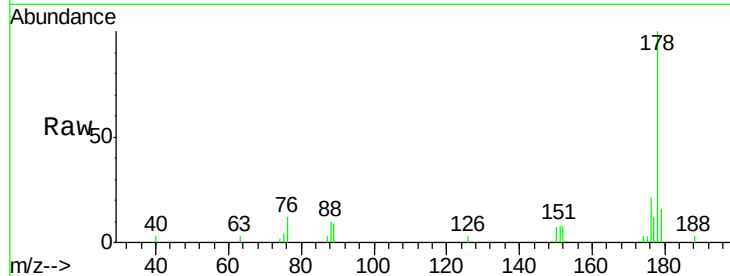
Tgt Ion:178 Resp: 10926

Ion Ratio Lower Upper

178 100

179 15.9 13.4 20.2

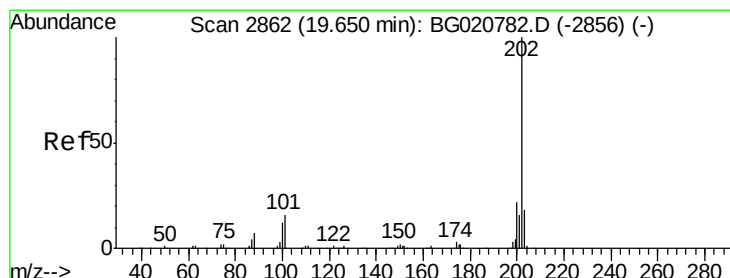
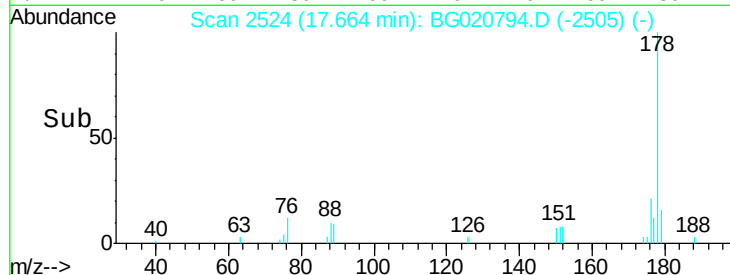
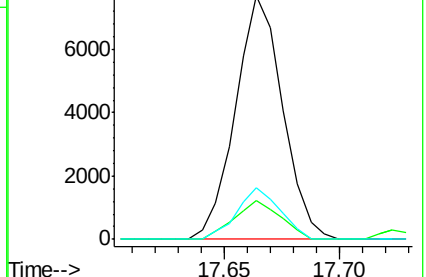
176 21.0 15.4 23.0



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



#77

Fluoranthene

Concen: 4.15 ng/ul

RT: 19.66 min Scan# 2863

Delta R.T. 0.01 min

Lab File: BG020794.D

Acq: 4 Feb 2016 19:48

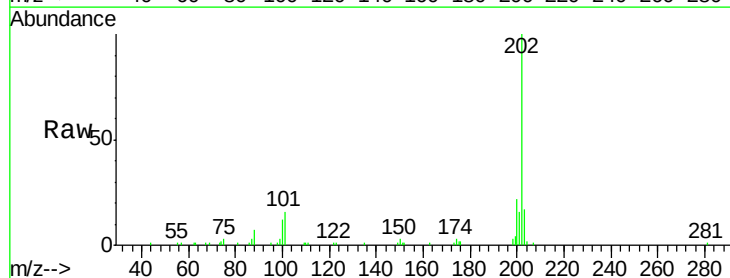
Tgt Ion:202 Resp: 34693

Ion Ratio Lower Upper

202 100

101 15.7 6.1 9.1#

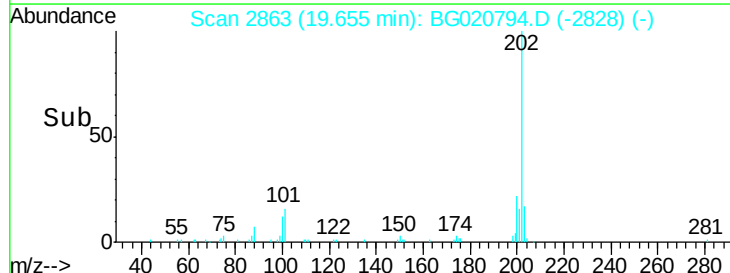
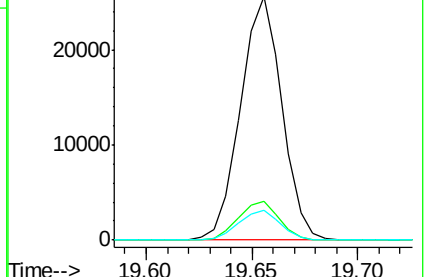
100 12.1 4.6 7.0#

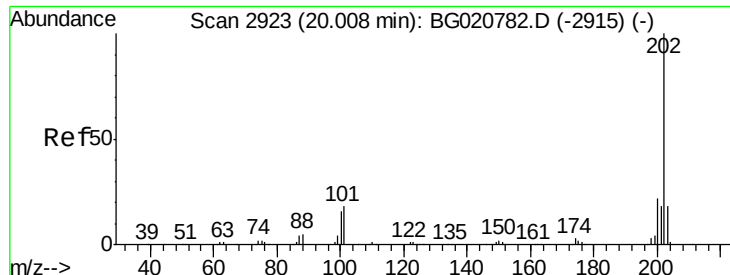


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

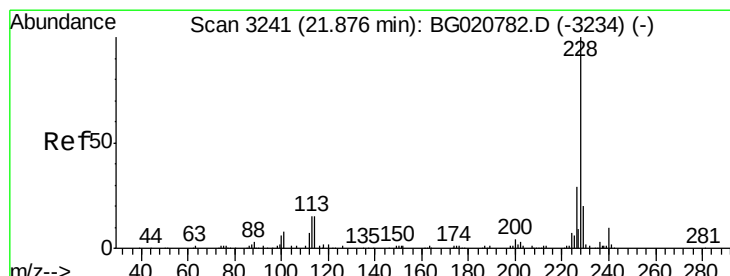
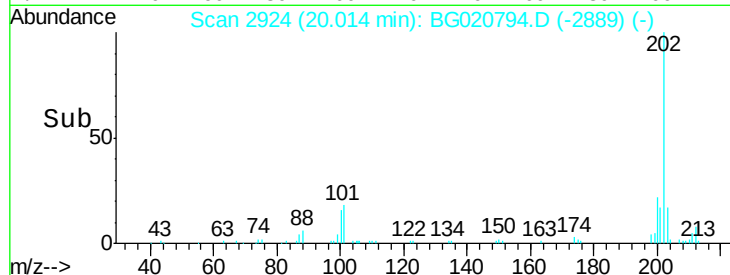
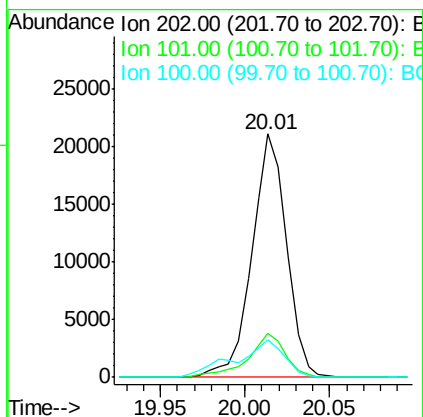
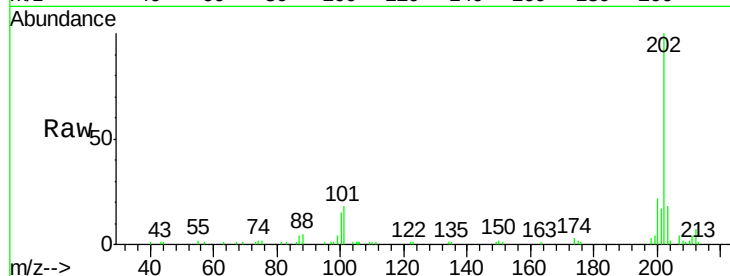




#80
 Pyrene
 Concen: 3.54 ng/ul
 RT: 20.01 min Scan# 2924
 Delta R.T. 0.01 min
 Lab File: BG020794.D
 Acq: 4 Feb 2016 19:48

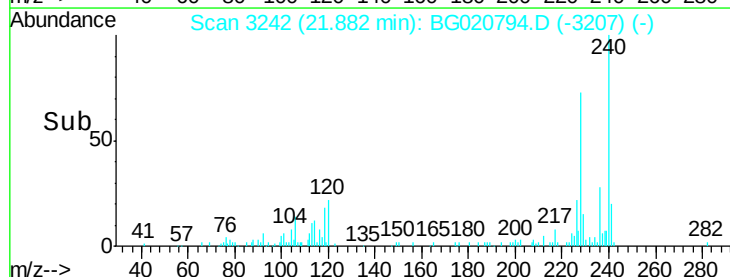
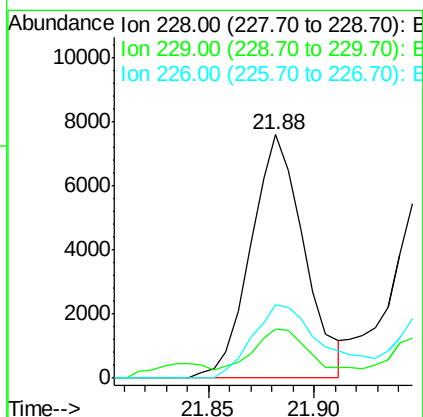
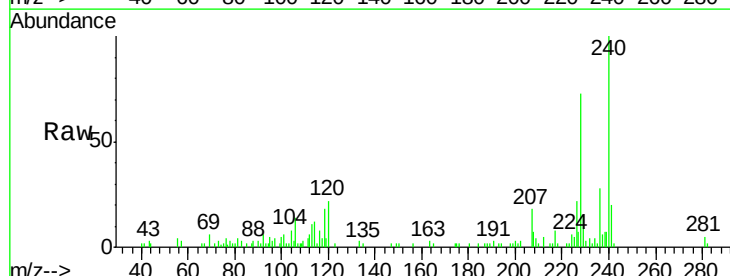
Instrument :
 BNA_G
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 BBG03

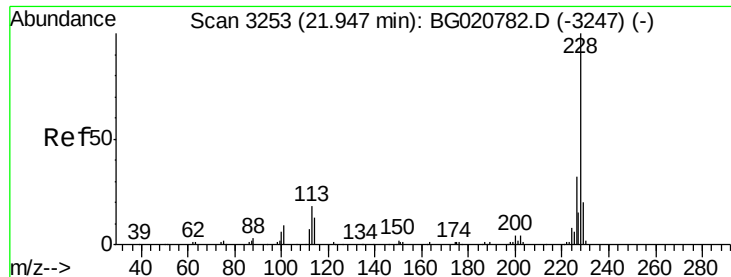
Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.0	6.9	10.3#
100	15.5	5.6	8.4#



#83
 Benzo(a)anthracene
 Concen: 1.86 ng/ul
 RT: 21.88 min Scan# 3242
 Delta R.T. 0.01 min
 Lab File: BG020794.D
 Acq: 4 Feb 2016 19:48

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.0	24.0
226	30.0	21.8	32.8

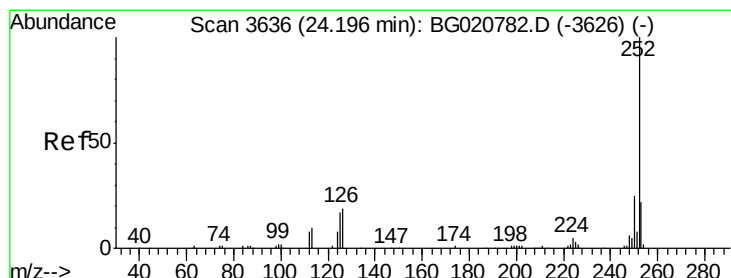
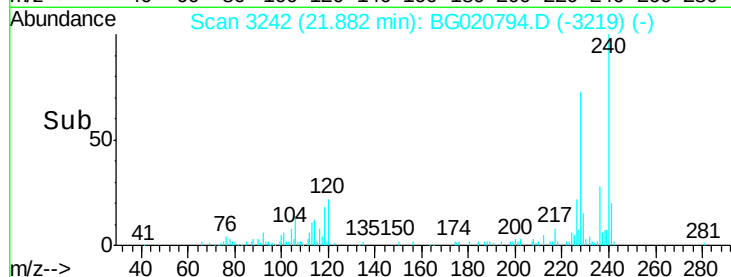
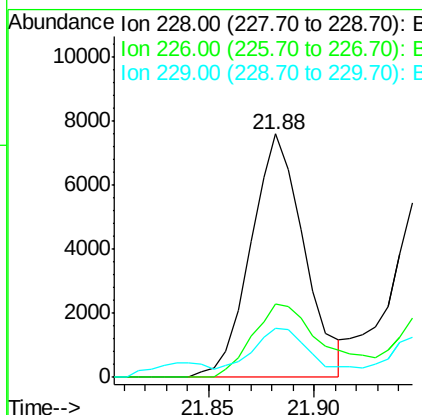
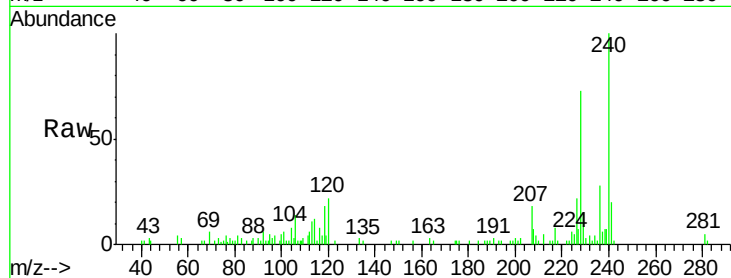




#85
Chrysene
Concen: 2.00 ng/ul
RT: 21.88 min Scan# 3242
Delta R.T. -0.06 min
Lab File: BG020794.D
Acq: 4 Feb 2016 19:48

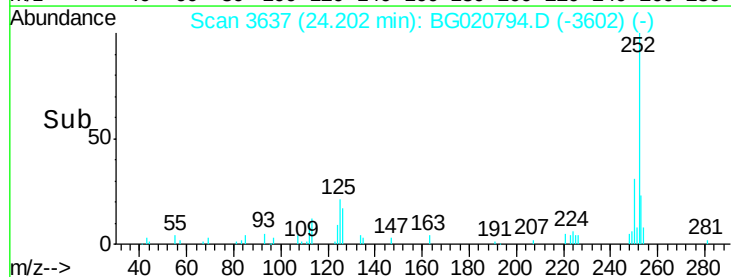
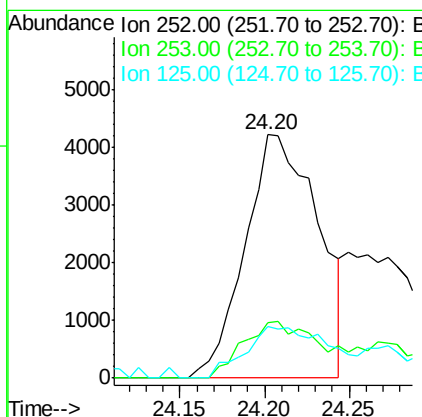
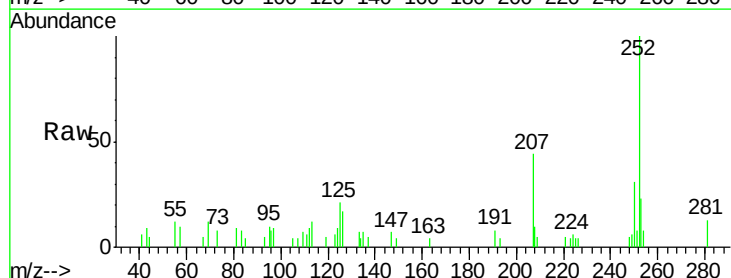
Instrument :
BNA_G
ClientSampleId :
BBG03

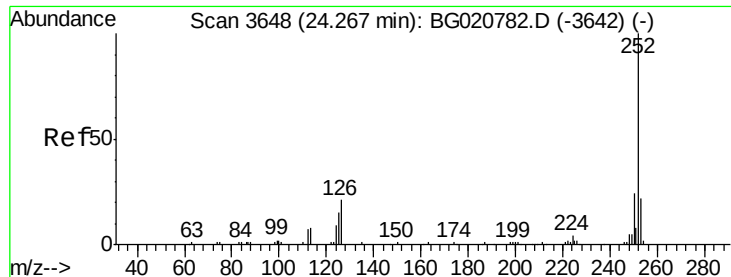
Tgt Ion: 228 Resp: 13327
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.9 16.0 24.0



#88
Benzo(b)fluoranthene
Concen: 1.83 ng/ul
RT: 24.20 min Scan# 3637
Delta R.T. 0.01 min
Lab File: BG020794.D
Acq: 4 Feb 2016 19:48

Tgt Ion: 252 Resp: 12652
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 21.2 4.9 7.3#





#89

Benzo(k)fluoranthene

Concen: 1.87 ng/ul

RT: 24.20 min Scan# 3637

Delta R.T. -0.06 min

Lab File: BG020794.D

Acq: 4 Feb 2016 19:48

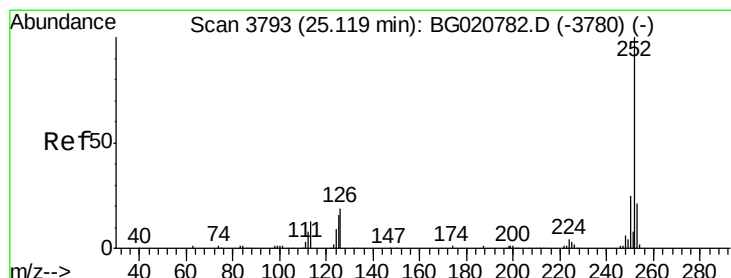
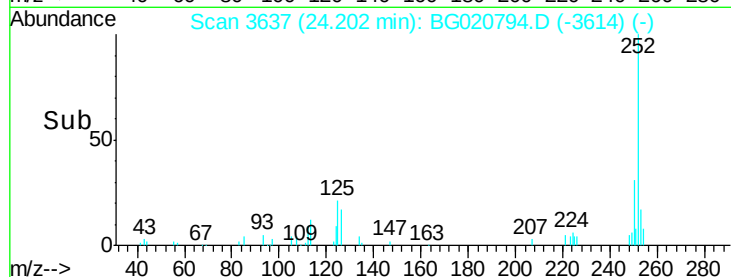
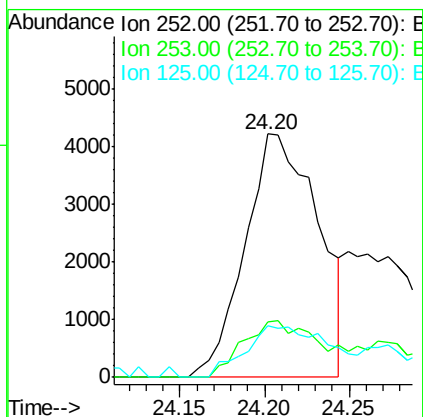
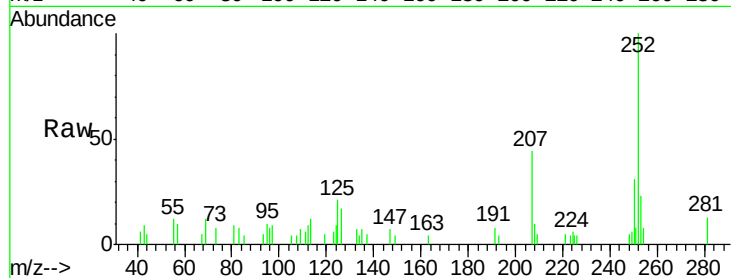
Instrument :

BNA_G

ClientSampled :

BBG03

Tgt Ion:	252	Resp:	12652
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.1	25.7
125	21.2	5.4	8.0#



#91

Benzo(a)pyrene

Concen: 1.58 ng/ul

RT: 25.12 min Scan# 3794

Delta R.T. 0.01 min

Lab File: BG020794.D

Acq: 4 Feb 2016 19:48

Tgt Ion:	252	Resp:	10458
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.2	25.8
125	20.0	5.8	8.6#

