

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
 Data File : BG020798.D
 Acq On : 4 Feb 2016 23:04
 Operator : SJ/IZ
 Sample : H1334-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBG15

Quant Time: Feb 05 07:52:23 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 05 07:34:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	19539	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	100936	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	57227	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	110382	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	96019	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	88299	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	899	2.21	ng/uL	0.00
5) Phenol-d5	7.41	99	24672	12.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	14351	13.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	20594	13.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	20348	11.79	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	10456	16.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	9594	17.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	19776	13.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	30981	14.95	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	67681	13.85	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	87338	14.66	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	9074	10.49	ng/ul	0.00
58) Fluorene-d10	15.87	176	57888	13.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	3475	9.53	ng/ul	0.00
71) Anthracene-d10	17.72	188	82133	15.13	ng/ul	0.00
79) Pyrene-d10	19.99	212	79521	15.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	74864	15.82	ng/ul	0.00

Target Compounds

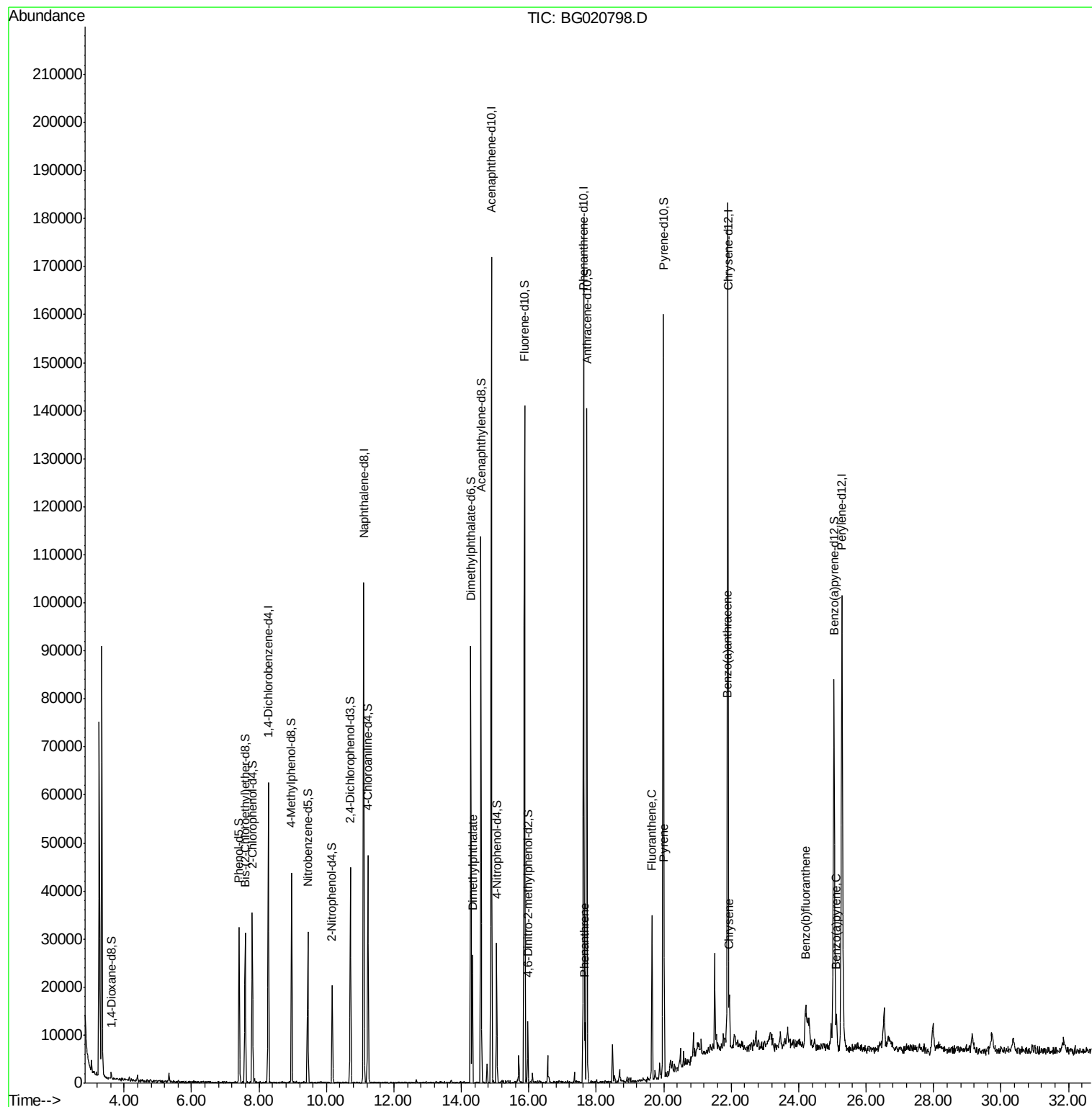
						Ovalue
45) Dimethylphthalate	14.33	163	19018	3.73	ng/ul#	97
70) Phenanthrene	17.67	178	8959	1.29	ng/ul	97
77) Fluoranthene	19.65	202	20405	2.87	ng/ul#	79
80) Pyrene	20.01	202	15920	2.19	ng/ul#	70
83) Benzo(a)anthracene	21.88	228	8943	1.45	ng/ul	98
85) Chrysene	21.95	228	6778	1.18	ng/ul	99
88) Benzo(b)fluoranthene	24.20	252	10764	1.86	ng/ul#	90
91) Benzo(a)pyrene	25.12	252	7474	1.35	ng/ul#	89

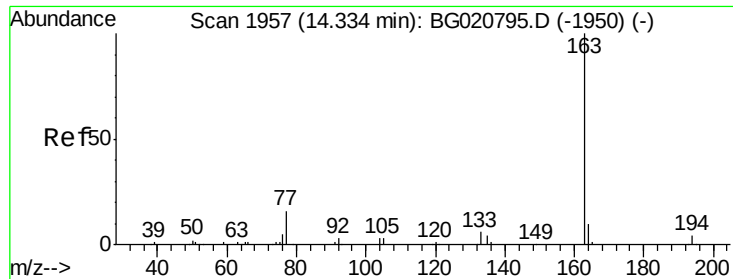
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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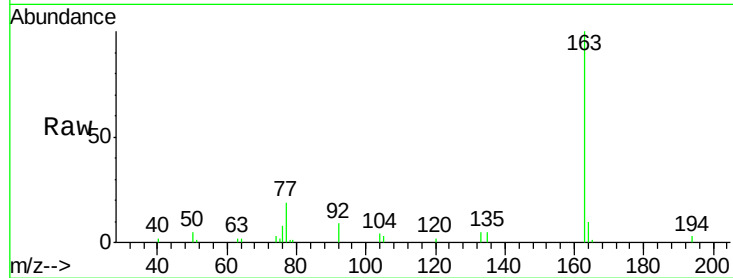




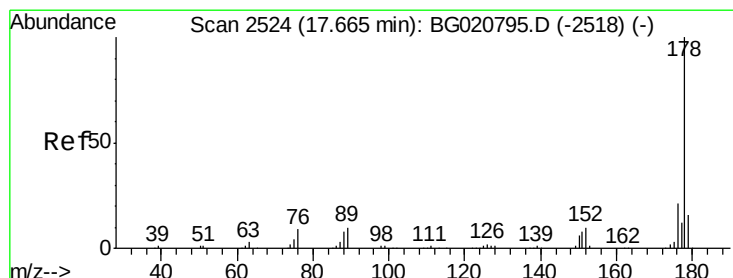
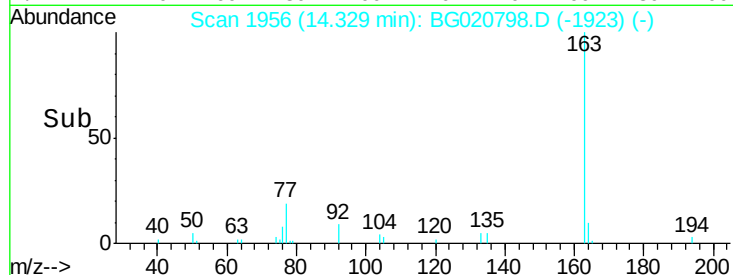
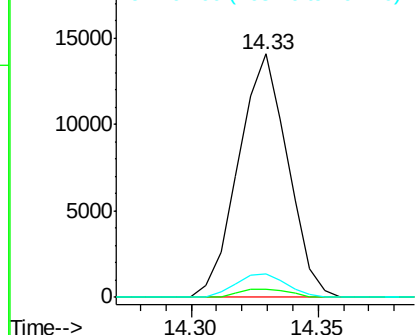
#45
Dimethylphthalate
Concen: 3.73 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG020798.D
Acq: 4 Feb 2016 23:04

Instrument :
BNA_G
ClientSampleId :
BBG15

Tot Ion:163 Resp: 19018
Ion Ratio Lower Upper
163 100
194 3.1 4.0 6.0#
164 9.6 8.4 12.6

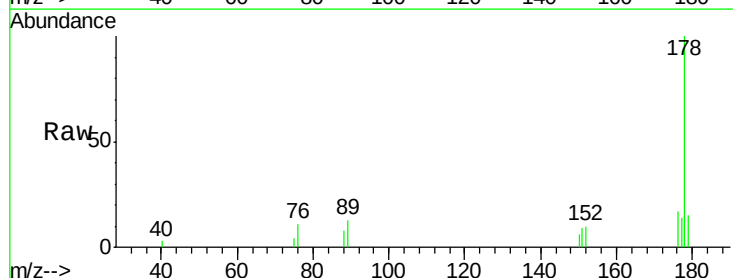


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

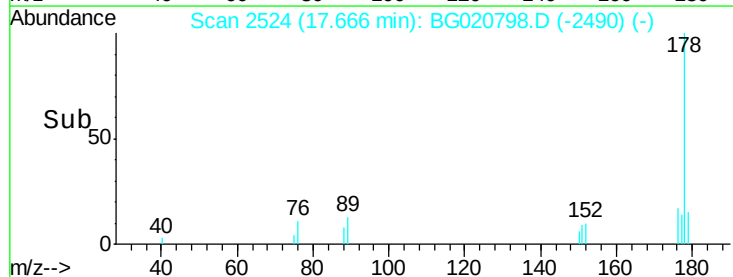
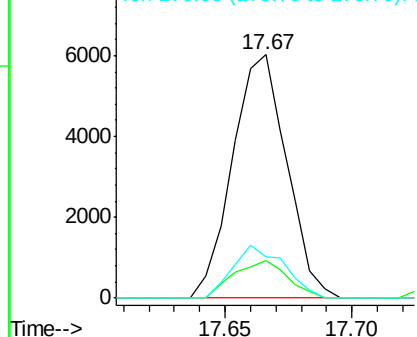


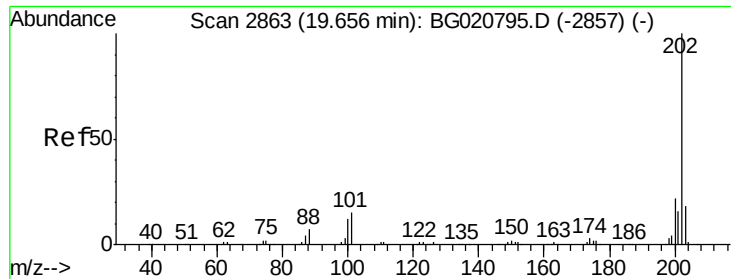
#70
Phenanthrene
Concen: 1.29 ng/ul
RT: 17.67 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG020798.D
Acq: 4 Feb 2016 23:04

Tgt Ion:178 Resp: 8959
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 17.2 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: 2.87 ng/ul

RT: 19.65 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG020798.D

Acq: 4 Feb 2016 23:04

Instrument :

BNA_G

ClientSampleId :

BBG15

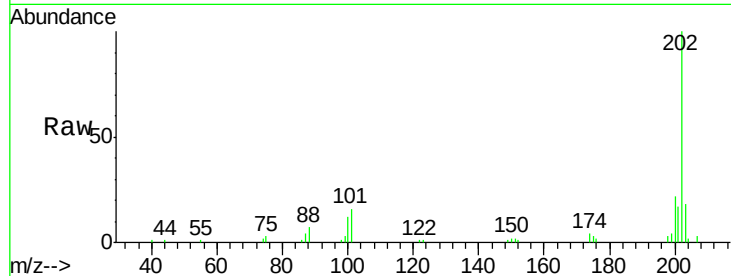
Tot Ion:202 Resp: 20405

Ion Ratio Lower Upper

202 100

101 15.6 6.1 9.1#

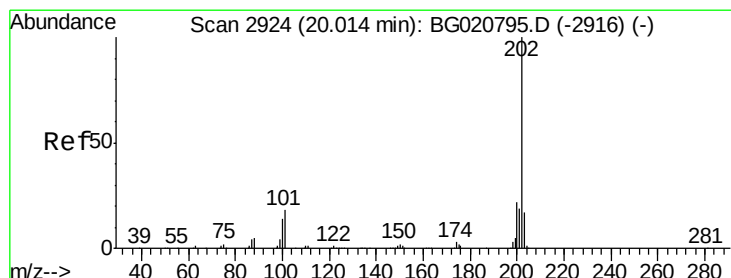
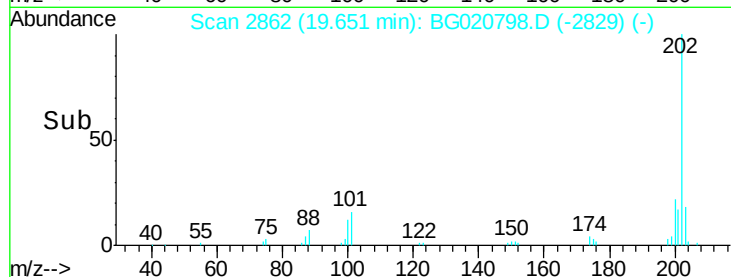
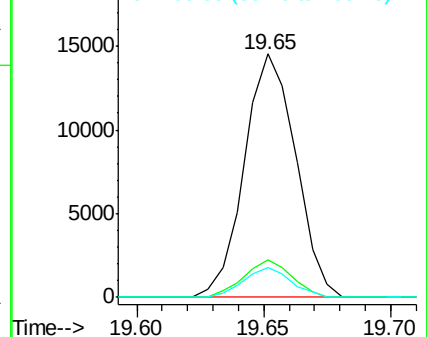
100 12.4 4.6 7.0#



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): B



#80

Pyrene

Concen: 2.19 ng/ul

RT: 20.01 min Scan# 2923

Delta R.T. -0.00 min

Lab File: BG020798.D

Acq: 4 Feb 2016 23:04

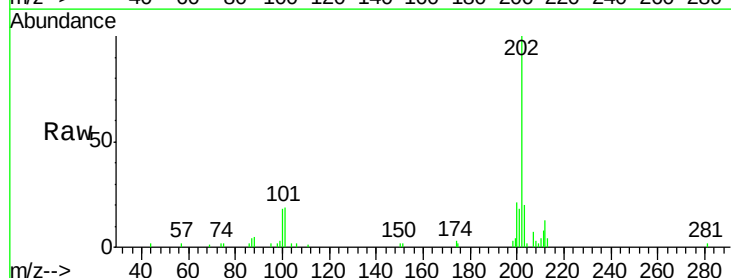
Tgt Ion:202 Resp: 15920

Ion Ratio Lower Upper

202 100

101 18.6 6.9 10.3#

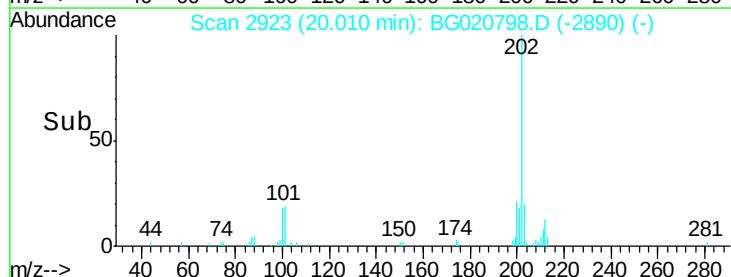
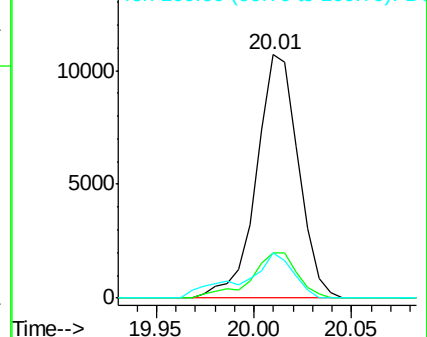
100 18.3 5.6 8.4#

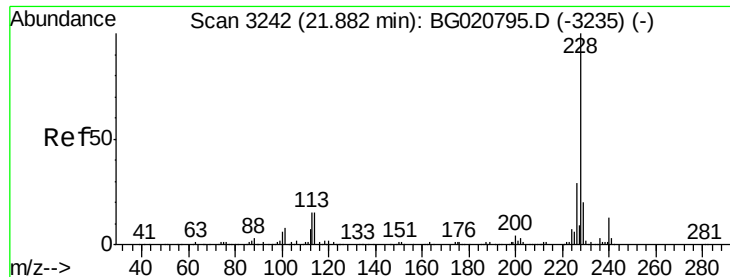


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

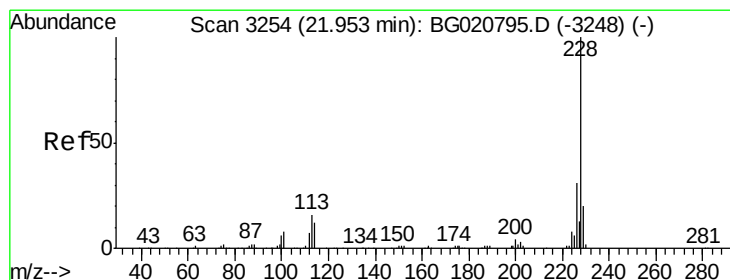
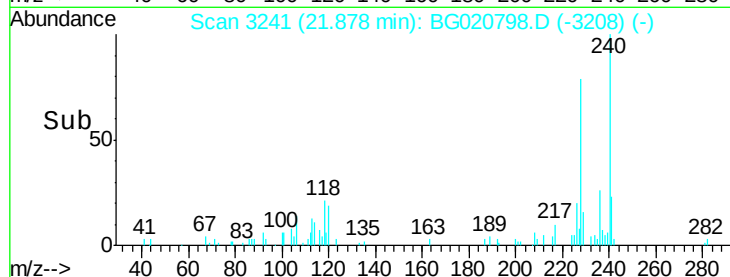
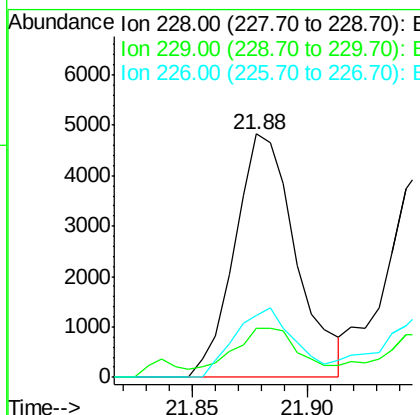
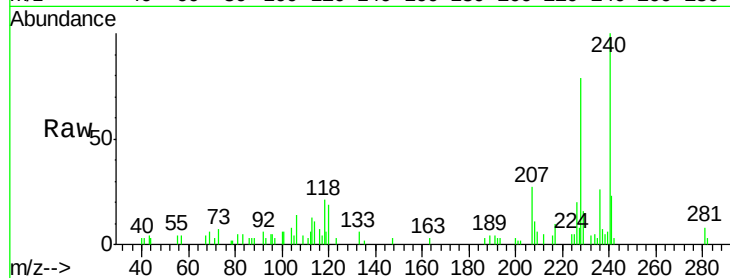




#83
Benzo(a)anthracene
Concen: 1.45 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. -0.00 min
Lab File: BG020798.D
Acq: 4 Feb 2016 23:04

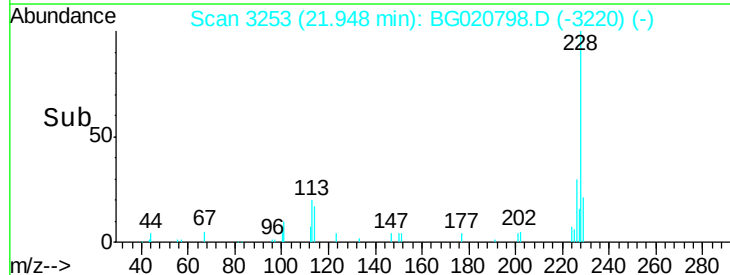
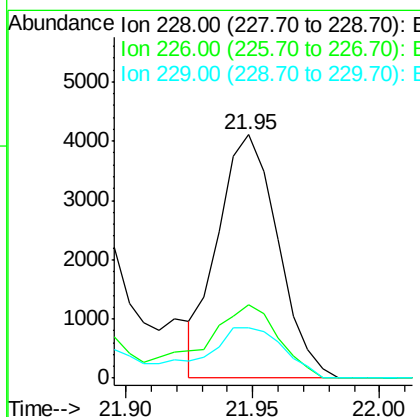
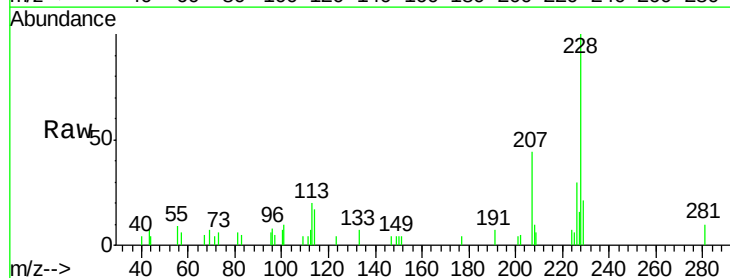
Instrument :
BNA_G
ClientSampleId :
BBG15

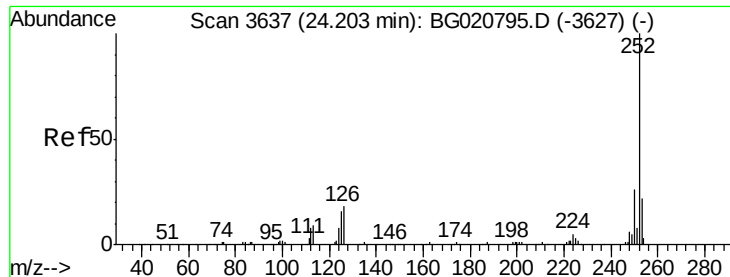
Tot Ion:228 Resp: 8943
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 25.4 21.8 32.8



#85
Chrysene
Concen: 1.18 ng/ul
RT: 21.95 min Scan# 3253
Delta R.T. -0.00 min
Lab File: BG020798.D
Acq: 4 Feb 2016 23:04

Tgt Ion:228 Resp: 6778
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 20.6 16.0 24.0





#88

Benzo(b)fluoranthene

Concen: 1.86 ng/ul

RT: 24.20 min Scan# 3637

Delta R.T. 0.00 min

Lab File: BG020798.D

Acq: 4 Feb 2016 23:04

Instrument :

BNA_G

ClientSampleId :

BBG15

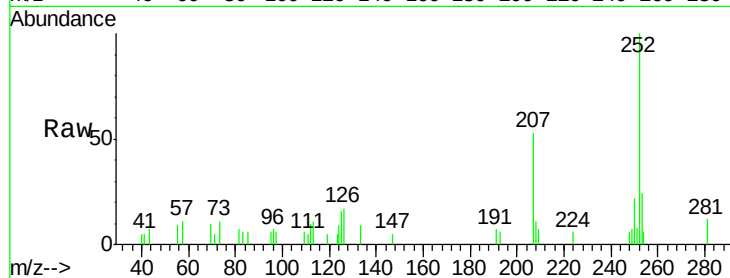
Tot Ion:252 Resp: 10764

Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.0

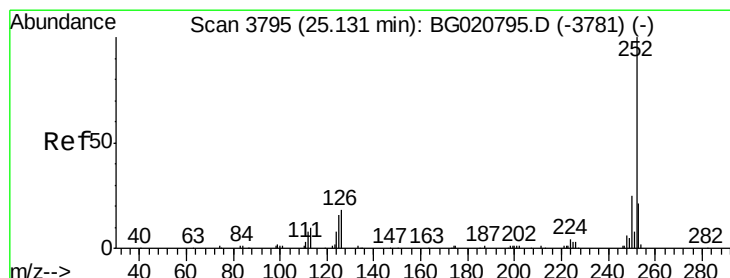
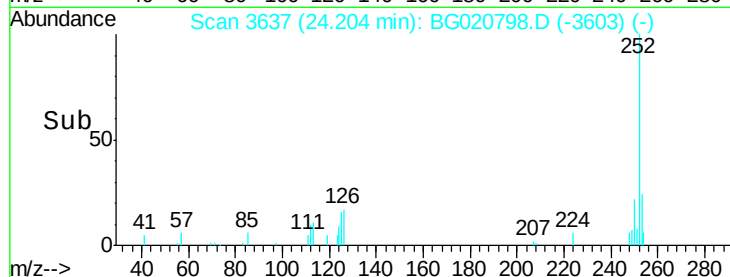
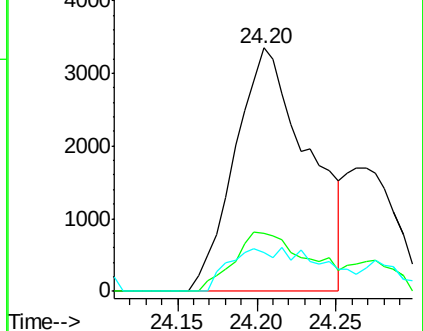
125 15.9 4.9 7.3#



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



#91

Benzo(a)pyrene

Concen: 1.35 ng/ul

RT: 25.12 min Scan# 3793

Delta R.T. -0.01 min

Lab File: BG020798.D

Acq: 4 Feb 2016 23:04

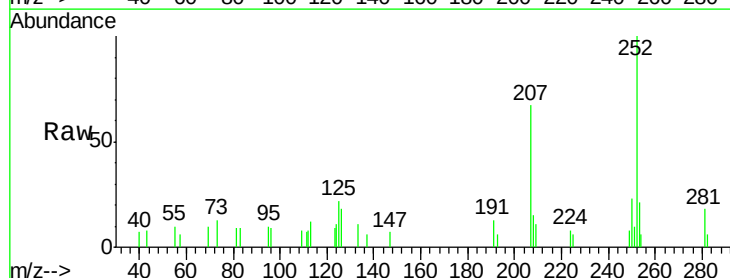
Tgt Ion:252 Resp: 7474

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 21.6 5.8 8.6#



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

