

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020416\
 Data File : BG020792.D
 Acq On : 4 Feb 2016 18:29
 Operator : SJ/IZ
 Sample : H1334-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBG08

Quant Time: Feb 05 04:20:53 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	24158	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	120908	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	65796	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.63	188	126363	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	107864	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	103148	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	2414	4.79	ng/uL	0.00
5) Phenol-d5	7.42	99	56350	22.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	31717	24.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	46323	24.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	49106	23.02	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	22711	30.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	20886	32.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	43360	24.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	70355	28.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	135263	24.07	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	179863	26.26	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	21034	21.16	ng/ul	0.00
58) Fluorene-d10	15.88	176	116731	23.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	7968	19.09	ng/ul	0.00
71) Anthracene-d10	17.72	188	159881	25.73	ng/ul	0.00
79) Pyrene-d10	19.99	212	152458	26.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	145872	26.39	ng/ul	0.00

Target Compounds

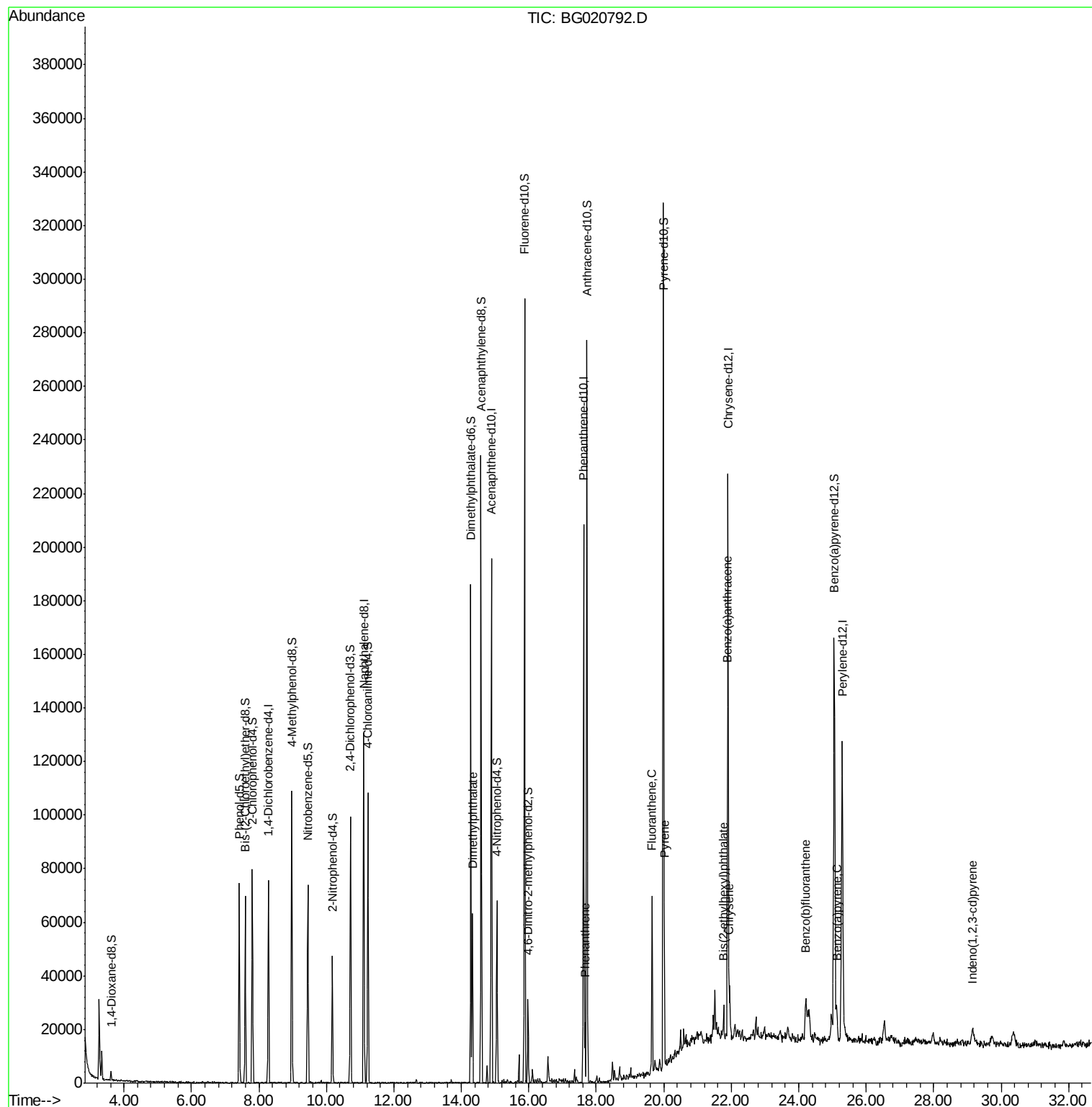
						Qvalue
45) Dimethylphthalate	14.33	163	43987	7.50	ng/ul#	98
70) Phenanthrene	17.67	178	15029	1.89	ng/ul	97
77) Fluoranthene	19.65	202	38901	4.77	ng/ul#	77
80) Pyrene	20.02	202	31532	3.87	ng/ul#	76
83) Benzo(a)anthracene	21.89	228	12914	1.86	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.77	149	5384	1.09	ng/ul	97
85) Chrysene	21.95	228	14788	2.29	ng/ul	99
88) Benzo(b)fluoranthene	24.21	252	18467	2.73	ng/ul#	88
91) Benzo(a)pyrene	25.13	252	12604	1.95	ng/ul#	82
92) Indeno(1,2,3-cd)pyrene	29.16	276	9306	1.23	ng/ul#	82

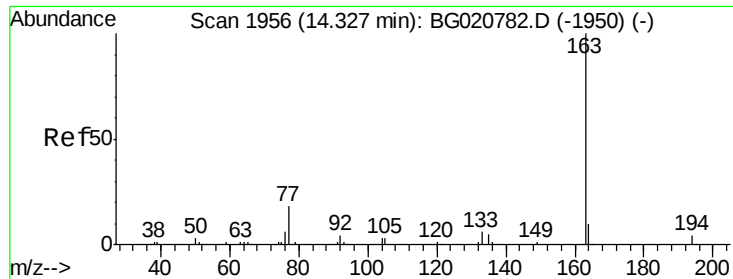
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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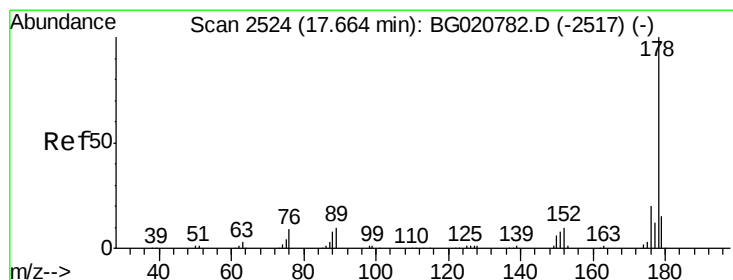
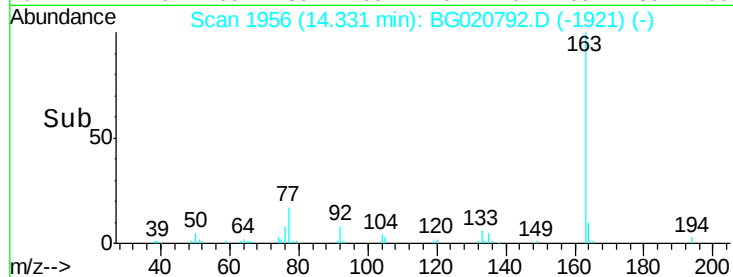
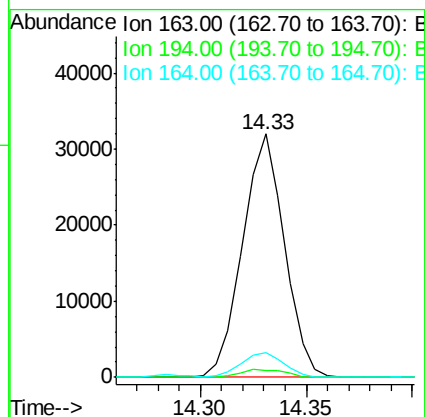
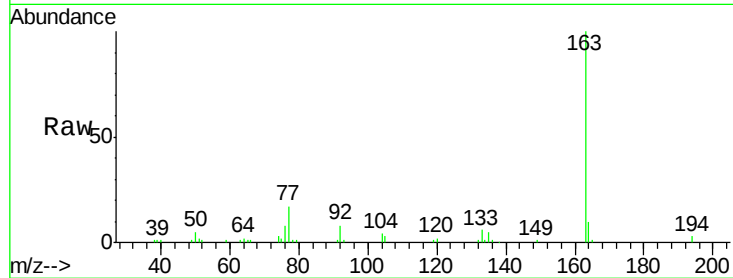




#45
Dimethylphthalate
Concen: 7.50 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG020792.D
Acq: 4 Feb 2016 18:29

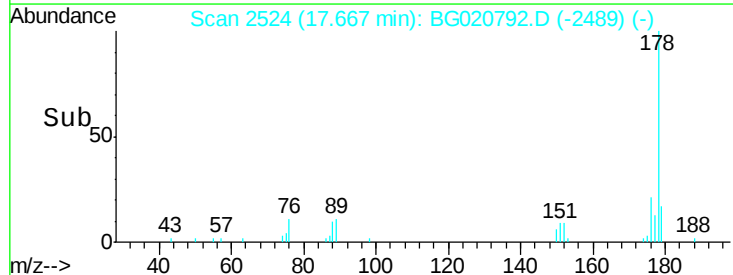
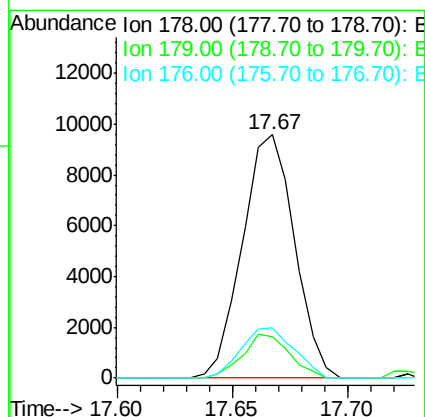
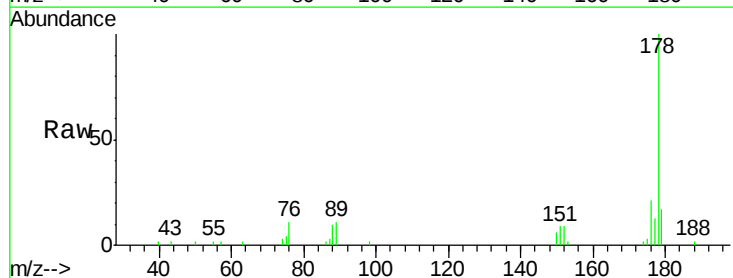
Instrument :
BNA_G
ClientSampleId :
BBG08

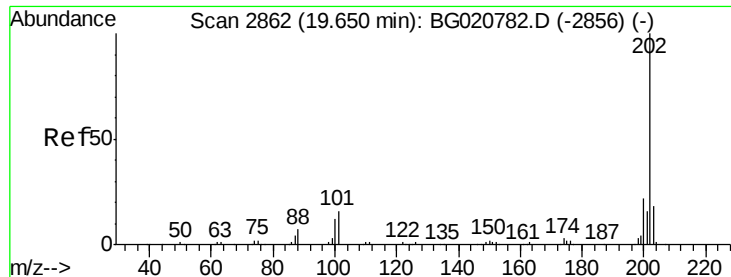
Tgt Ion:163 Resp: 43987
Ion Ratio Lower Upper
163 100
194 3.0 4.0 6.0#
164 10.2 8.4 12.6



#70
Phenanthrene
Concen: 1.89 ng/ul
RT: 17.67 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG020792.D
Acq: 4 Feb 2016 18:29

Tgt Ion:178 Resp: 15029
Ion Ratio Lower Upper
178 100
179 16.9 12.3 18.5
176 20.5 15.4 23.0





#77

Fluoranthene

Concen: 4.77 ng/ul

RT: 19.65 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG020792.D

Acq: 4 Feb 2016 18:29

Instrument :

BNA_G

ClientSampleId :

BBG08

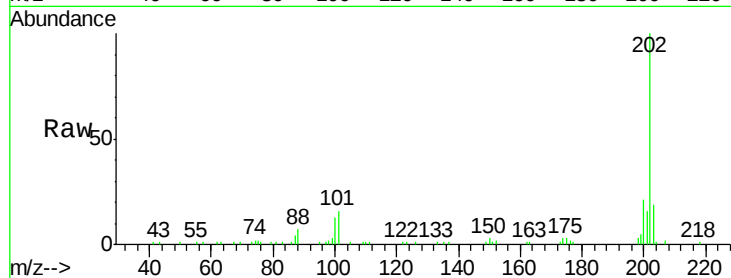
Tgt Ion:202 Resp: 38901

Ion Ratio Lower Upper

202 100

101 16.3 6.1 9.1#

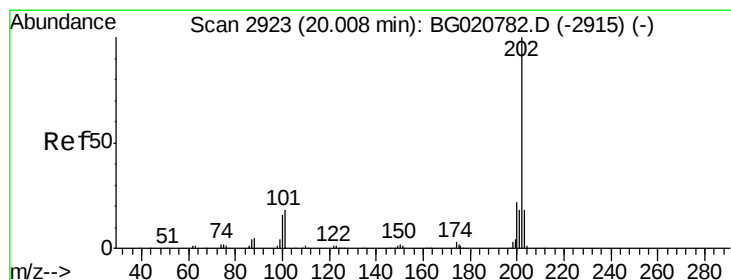
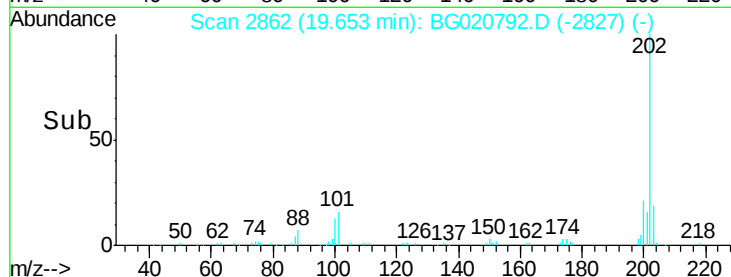
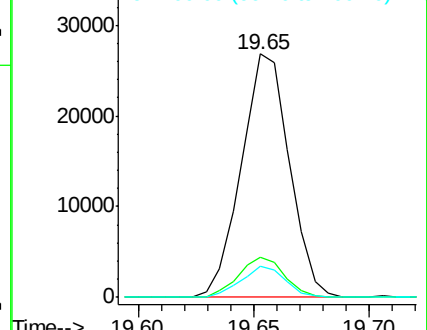
100 13.0 4.6 7.0#



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: 3.87 ng/ul

RT: 20.02 min Scan# 2924

Delta R.T. 0.01 min

Lab File: BG020792.D

Acq: 4 Feb 2016 18:29

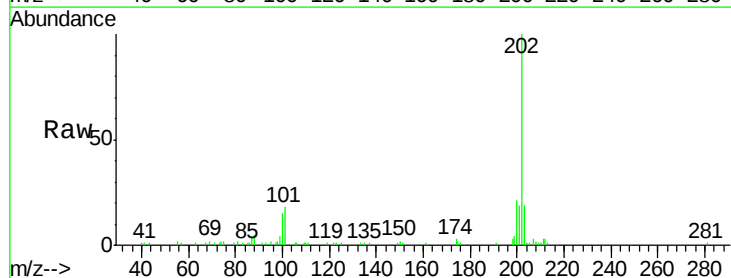
Tgt Ion:202 Resp: 31532

Ion Ratio Lower Upper

202 100

101 17.6 6.9 10.3#

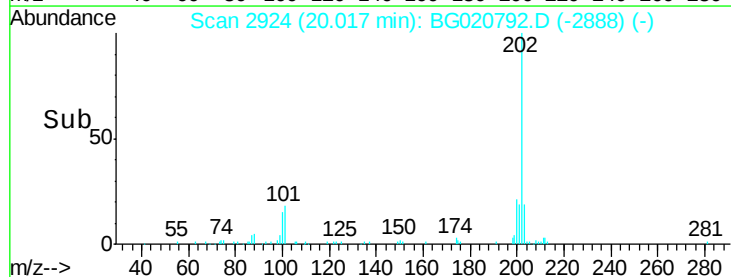
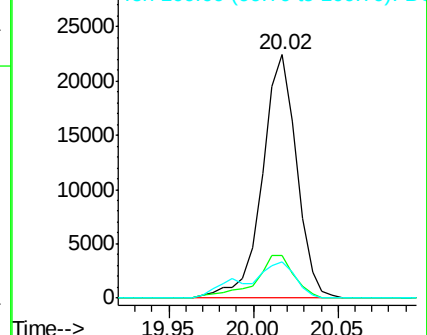
100 15.1 5.6 8.4#

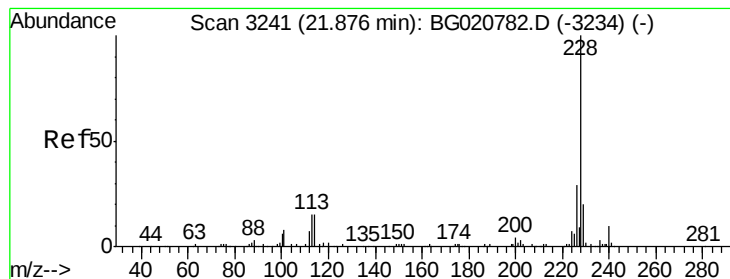


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.86 ng/ul

RT: 21.89 min Scan# 3242

Delta R.T. 0.01 min

Lab File: BG020792.D

Acq: 4 Feb 2016 18:29

Instrument :

BNA_G

ClientSampleId :

BBG08

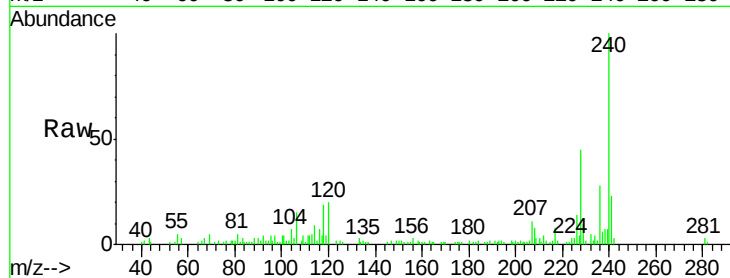
Tgt Ion:228 Resp: 12914

Ion Ratio Lower Upper

228 100

229 23.5 16.0 24.0

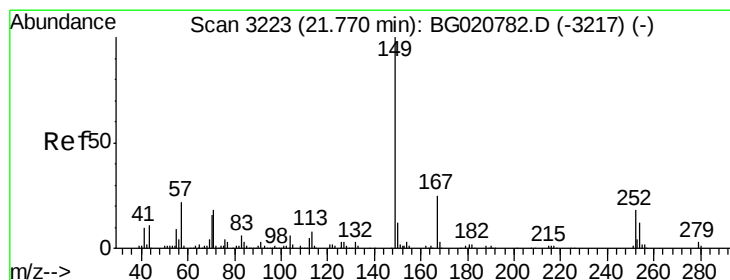
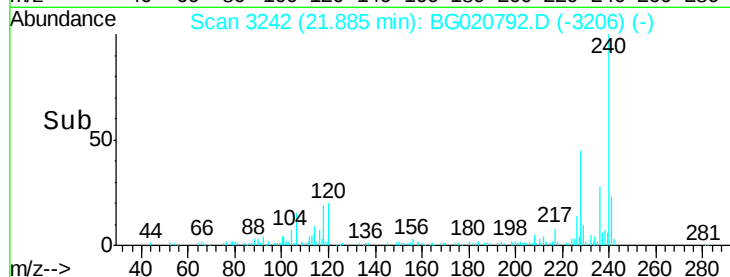
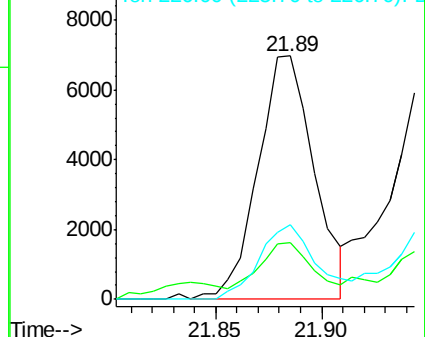
226 30.6 21.8 32.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.09 ng/ul

RT: 21.77 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BG020792.D

Acq: 4 Feb 2016 18:29

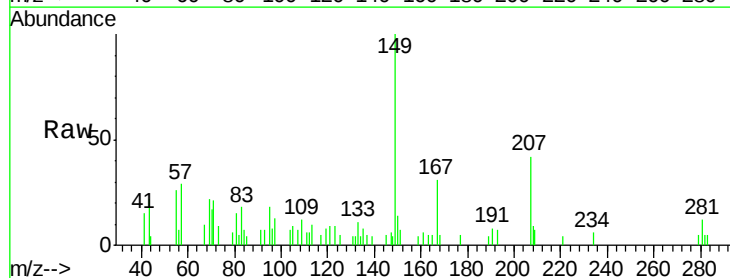
Tgt Ion:149 Resp: 5384

Ion Ratio Lower Upper

149 100

167 30.8 23.0 34.6

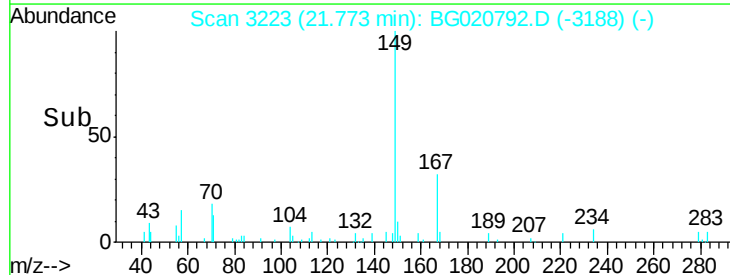
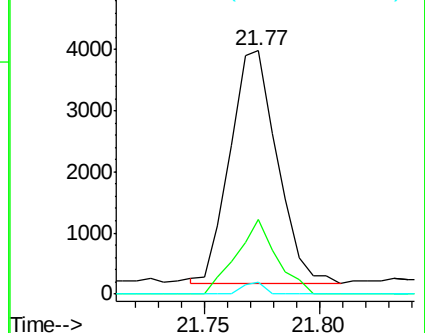
279 4.8 4.3 6.5

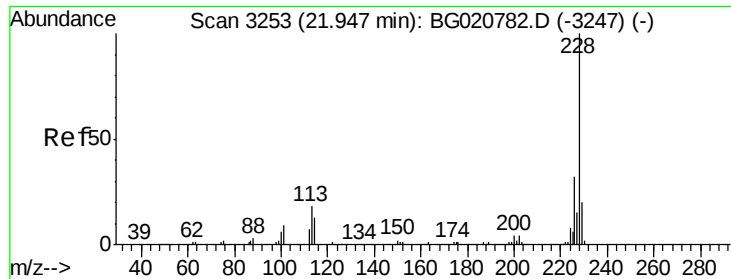


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 2.29 ng/ul

RT: 21.95 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BG020792.D

Acq: 4 Feb 2016 18:29

Instrument :

BNA_G

ClientSampleId :

BBG08

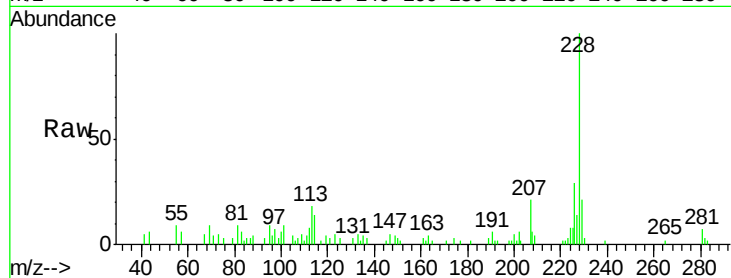
Tgt Ion:228 Resp: 14788

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

229 20.7 16.0 24.0

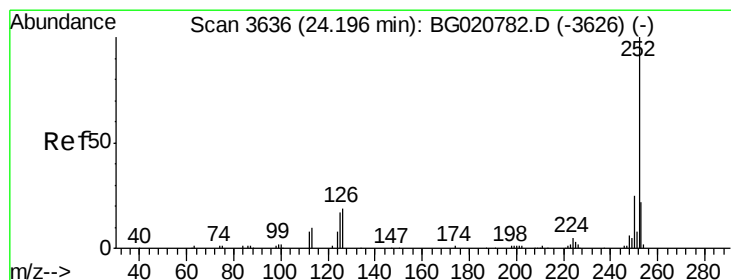
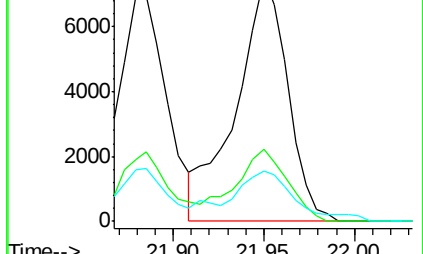
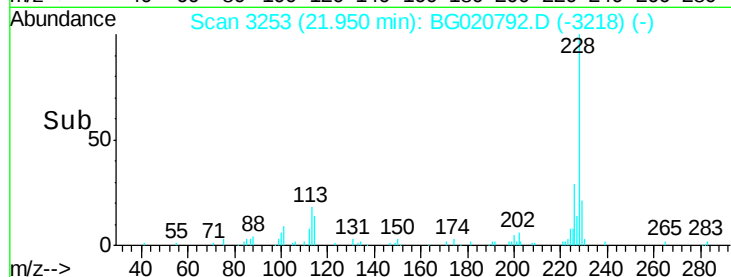


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



#88

Benzo(b)fluoranthene

Concen: 2.73 ng/ul

RT: 24.21 min Scan# 3638

Delta R.T. 0.01 min

Lab File: BG020792.D

Acq: 4 Feb 2016 18:29

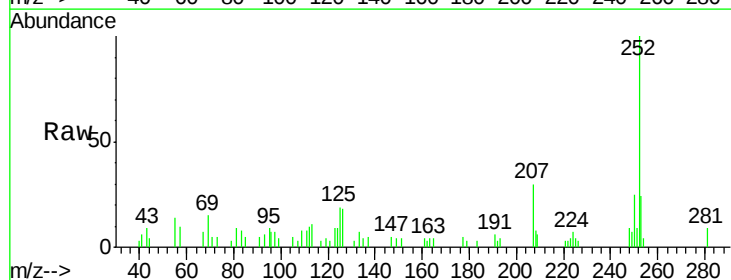
Tgt Ion:252 Resp: 18467

Ion Ratio Lower Upper

252 100

253 23.8 17.4 26.0

125 19.5 4.9 7.3#

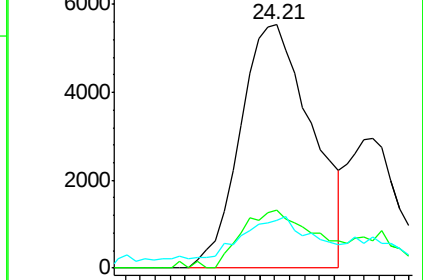
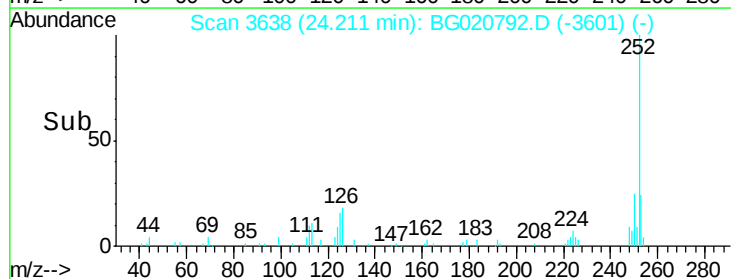


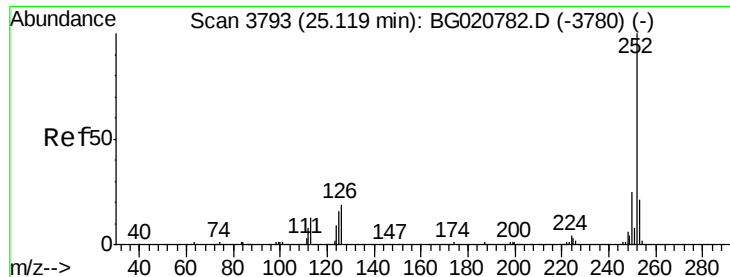
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->





#91

Benzo(a)pyrene

Concen: 1.95 ng/ul

RT: 25.13 min Scan# 3794

Delta R.T. 0.01 min

Lab File: BG020792.D

Acq: 4 Feb 2016 18:29

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ClientSampleId :

BBG08

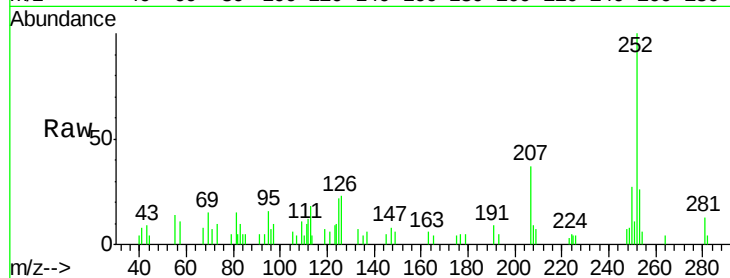
Tgt Ion:252 Resp: 12604

Ion Ratio Lower Upper

252 100

253 26.4 17.2 25.8#

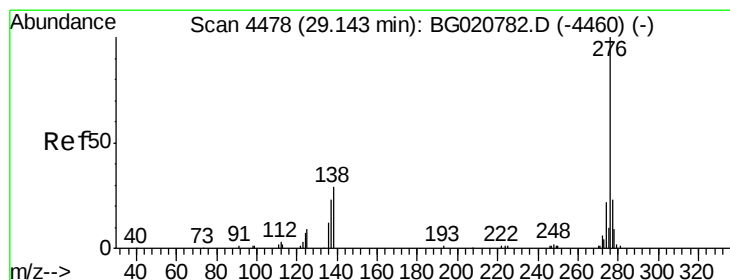
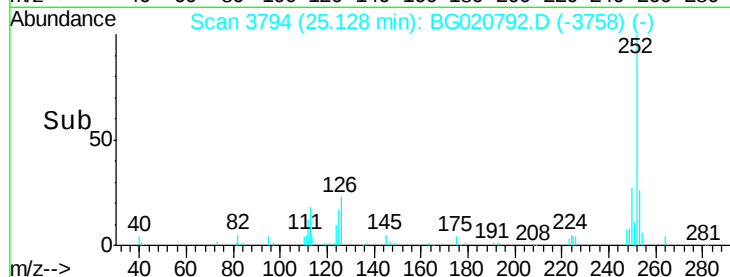
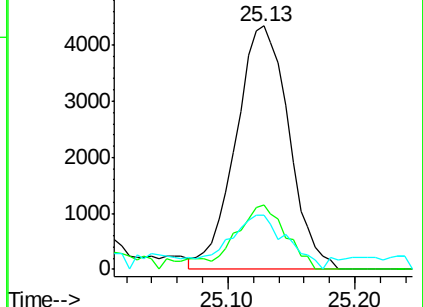
125 22.0 5.8 8.6#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.23 ng/ul

RT: 29.16 min Scan# 4480

Delta R.T. 0.01 min

Lab File: BG020792.D

Acq: 4 Feb 2016 18:29

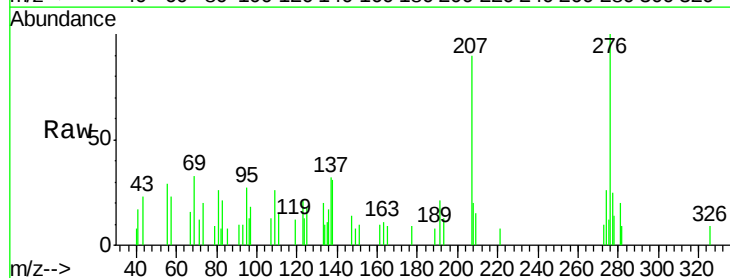
Tgt Ion:276 Resp: 9306

Ion Ratio Lower Upper

276 100

138 30.7 10.9 16.3#

277 25.4 18.9 28.3



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

