

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020746.D
 Acq On : 15 Jan 2016 10:48
 Operator : SJ/IZ
 Sample : H1101-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9B0

Quant Time: Jan 15 22:16:14 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 22:12:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	18789	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	79610	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	56700	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	142976	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	182429	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	169989	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1219	3.17	ng/uL	0.00
5) Phenol-d5	7.21	99	25942	16.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	17458	18.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	21847	17.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	13100	9.65	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	11030	17.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	13566	18.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	22522	16.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	23443	17.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	87173	17.62	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	103428	18.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	7971	12.00	ng/ul	0.00
58) Fluorene-d10	15.67	176	80741	18.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	10962	14.10	ng/ul	0.00
71) Anthracene-d10	17.52	188	129451	18.47	ng/ul	0.00
79) Pyrene-d10	19.81	212	165813	19.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	172534	19.04	ng/ul	0.00

Target Compounds

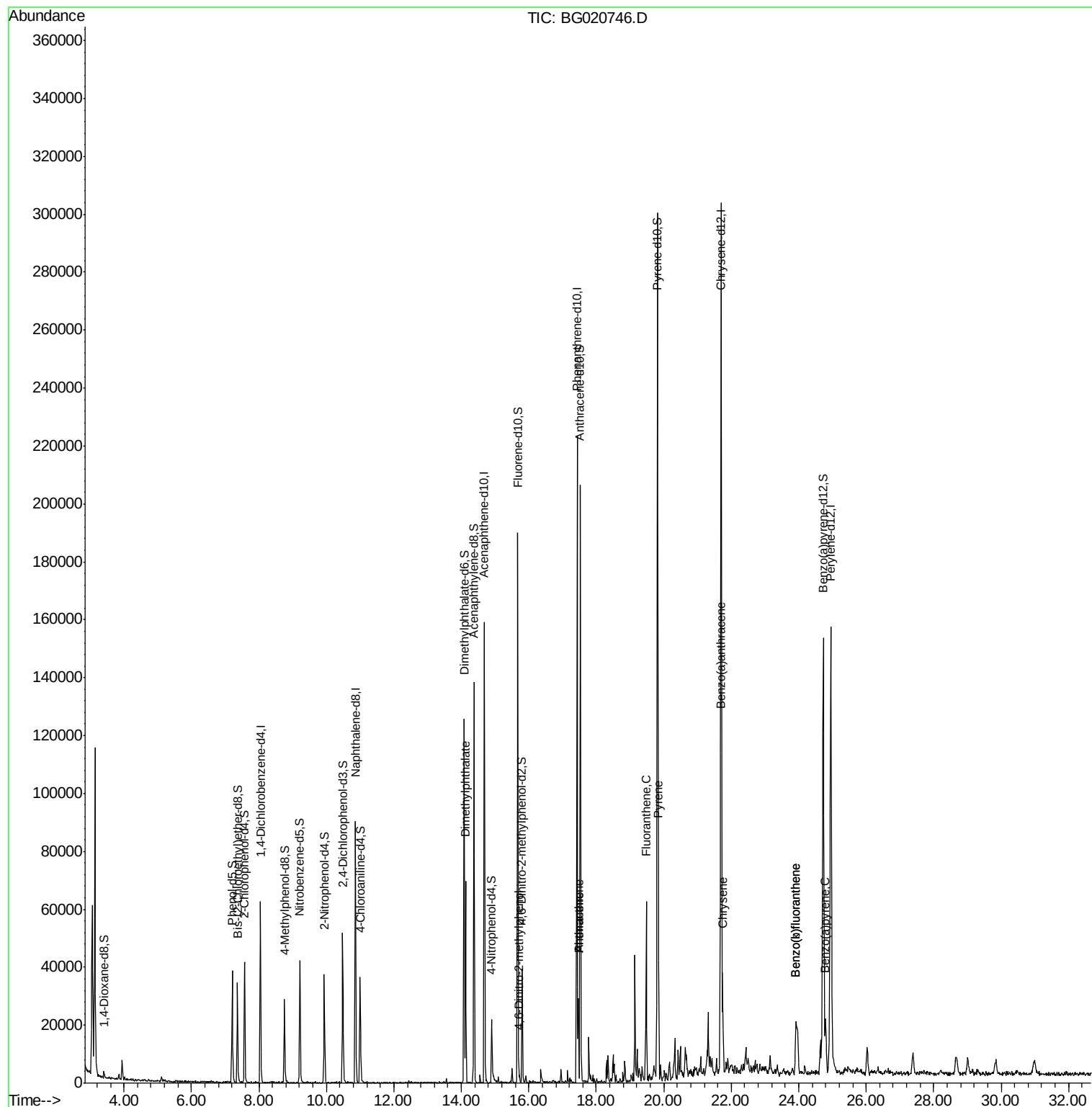
						Qvalue
45) Dimethylphthalate	14.13	163	47124	8.86	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.72	198	1085	1.30	ng/ul#	58
70) Phenanthrene	17.47	178	19990	2.35	ng/ul	98
72) Anthracene	17.47	178	19990	2.33	ng/ul	96
77) Fluoranthene	19.48	202	43440	4.20	ng/ul	97
80) Pyrene	19.84	202	45121	3.90	ng/ul	99
83) Benzo(a)anthracene	21.68	228	24012	2.11	ng/ul	97
85) Chrysene	21.74	228	25339	2.35	ng/ul	98
88) Benzo(b)fluoranthene	23.92	252	25189	2.30	ng/ul#	95
89) Benzo(k)fluoranthene	23.92	252	25189	2.33	ng/ul	95
91) Benzo(a)pyrene	24.79	252	20972	1.99	ng/ul#	98

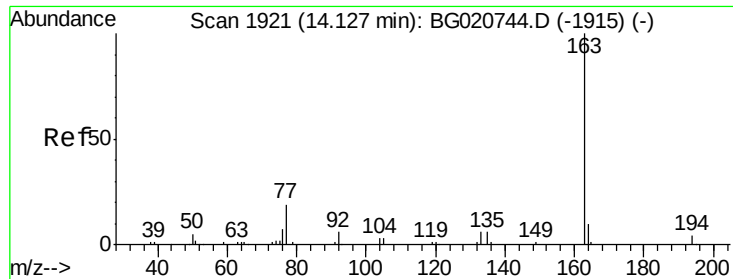
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 22:12:27 2016
Response via : Initial Calibration

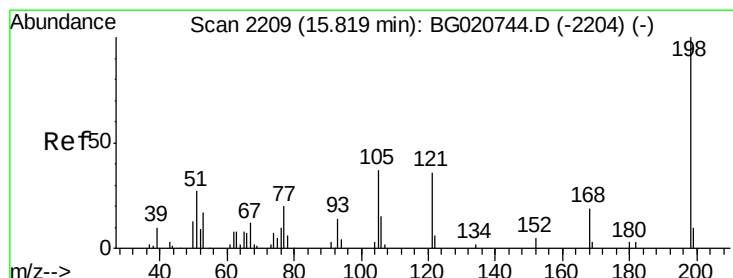
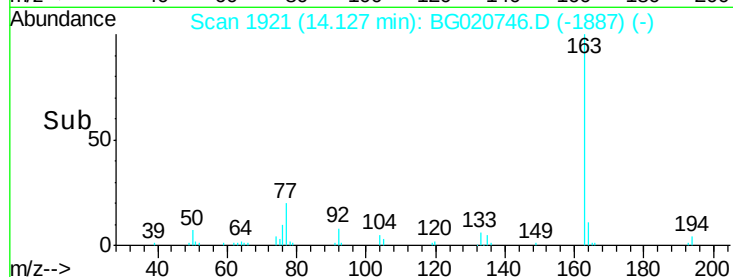
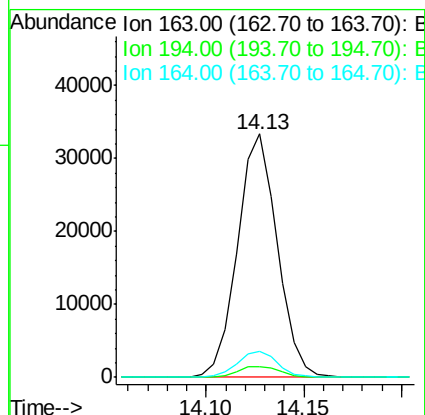
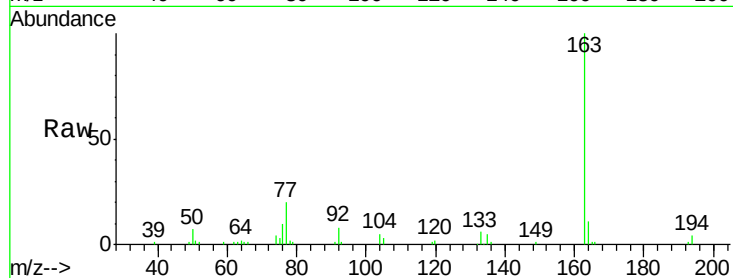




#45
Dimethylphthalate
Concen: 8.86 ng/ul
RT: 14.13 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BG020746.D
Acq: 15 Jan 2016 10:48

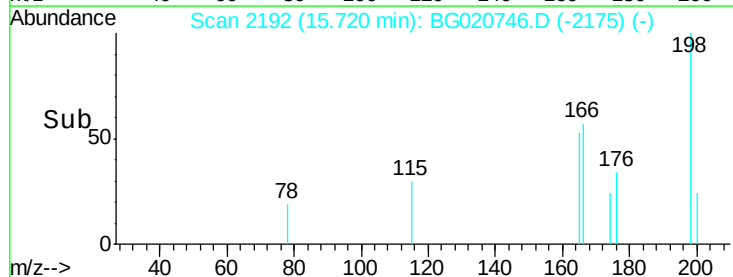
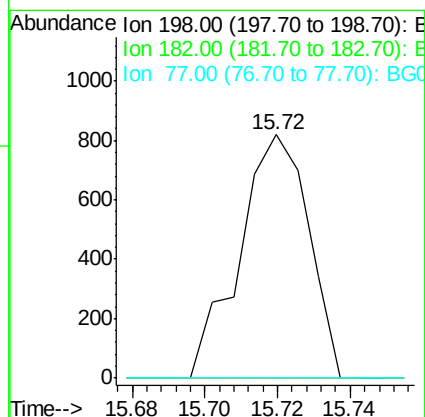
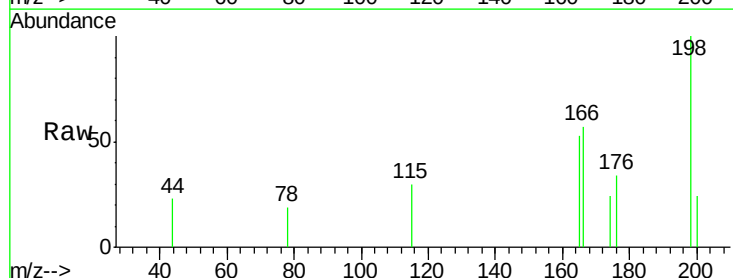
Instrument :
BNA_G
ClientSampleId :
BC9B0

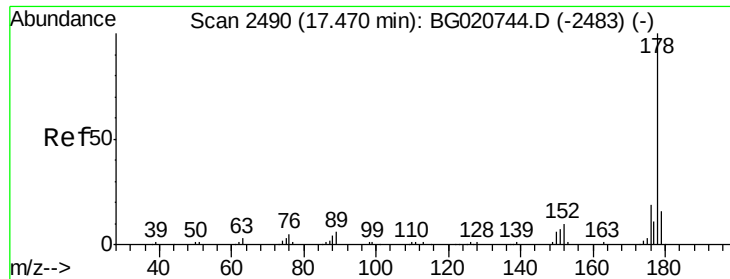
Tgt Ion:163 Resp: 47124
Ion Ratio Lower Upper
163 100
194 4.2 4.0 6.0
164 10.8 8.4 12.6



#64
4,6-Dinitro-2-methylphenol
Concen: 1.30 ng/ul
RT: 15.72 min Scan# 2192
Delta R.T. -0.10 min
Lab File: BG020746.D
Acq: 15 Jan 2016 10:48

Tgt Ion:198 Resp: 1085
Ion Ratio Lower Upper
198 100
182 0.0 3.5 5.3#
77 0.0 18.2 27.4#





#70

Phenanthrene

Concen: 2.35 ng/ul

RT: 17.47 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BG020746.D

Acq: 15 Jan 2016 10:48

Instrument :

BNA_G

ClientSampleId :

BC9B0

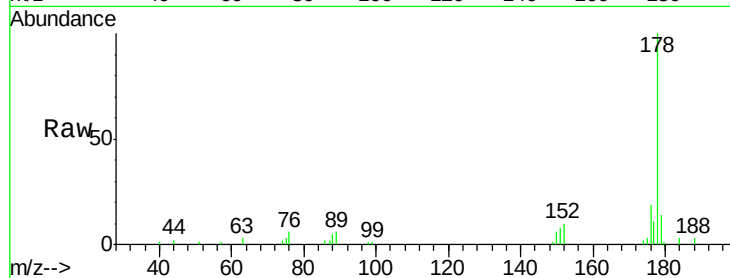
Tgt Ion:178 Resp: 19990

Ion Ratio Lower Upper

178 100

179 13.7 12.3 18.5

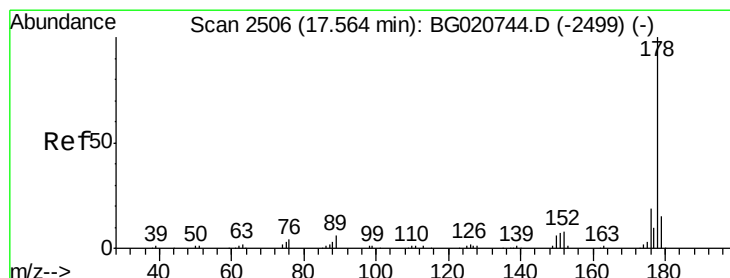
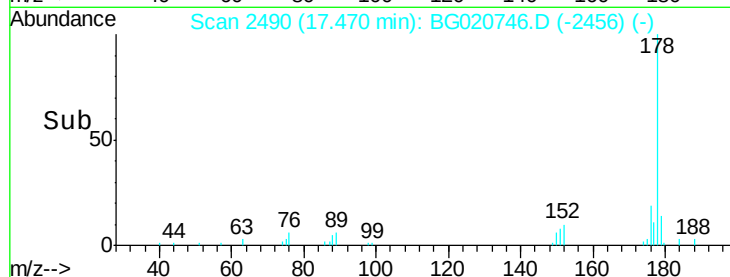
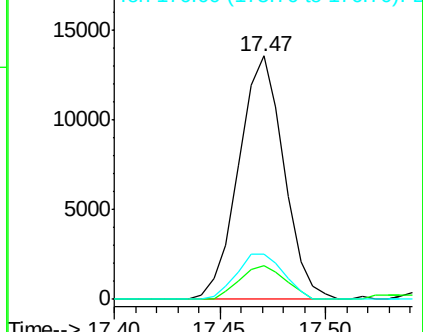
176 18.7 15.4 23.0



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: 2.33 ng/ul

RT: 17.47 min Scan# 2490

Delta R.T. -0.09 min

Lab File: BG020746.D

Acq: 15 Jan 2016 10:48

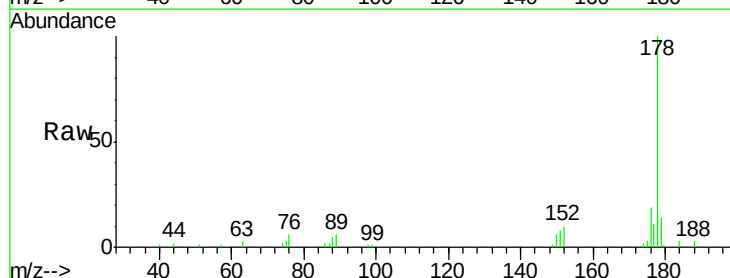
Tgt Ion:178 Resp: 19990

Ion Ratio Lower Upper

178 100

179 13.7 13.4 20.2

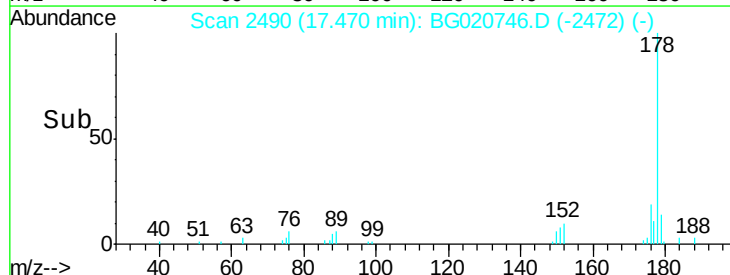
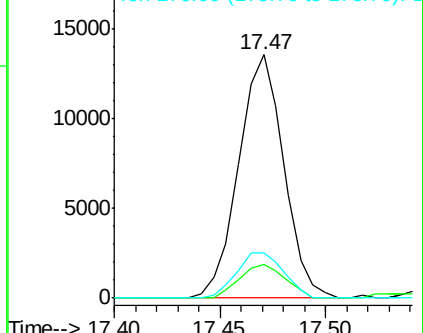
176 18.7 15.4 23.0

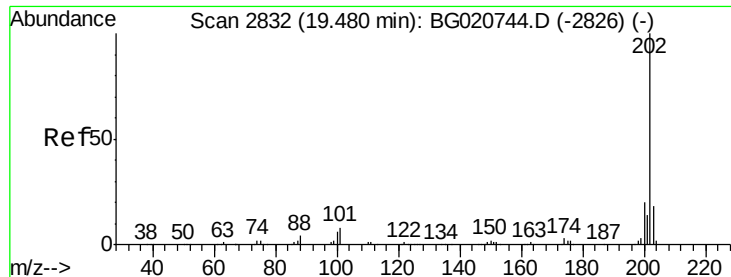


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

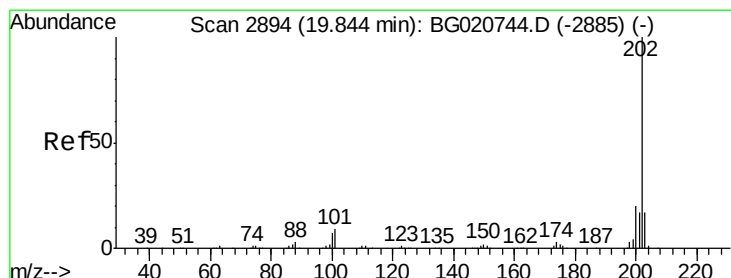
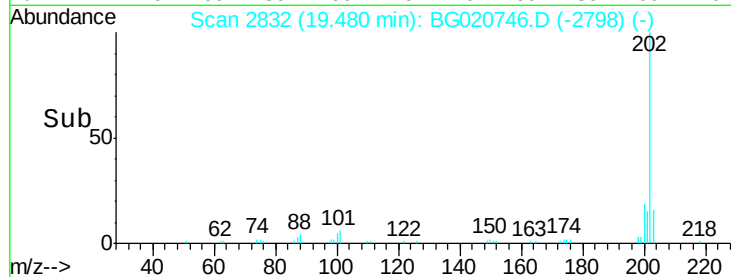
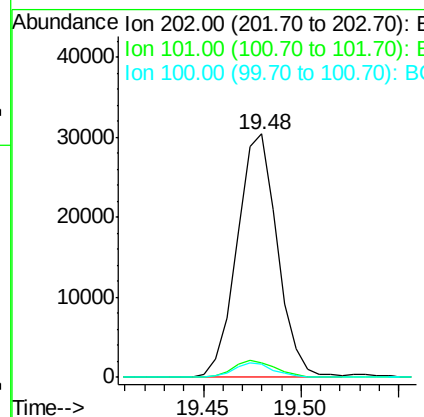
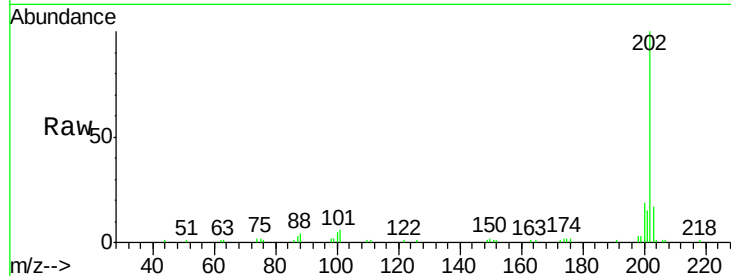




#77
 Fluoranthene
 Concen: 4.20 ng/ul
 RT: 19.48 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BG020746.D
 Acq: 15 Jan 2016 10:48

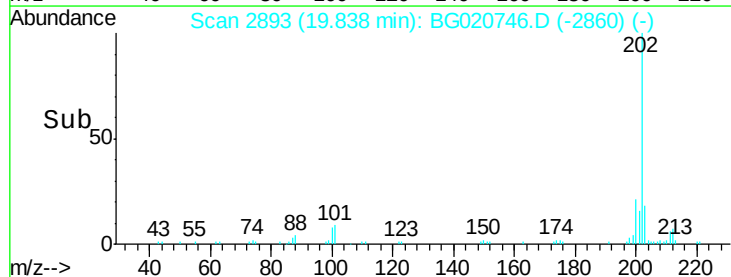
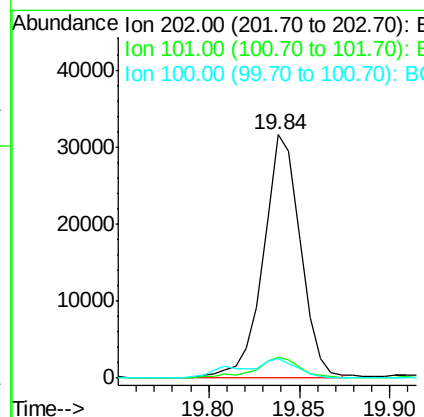
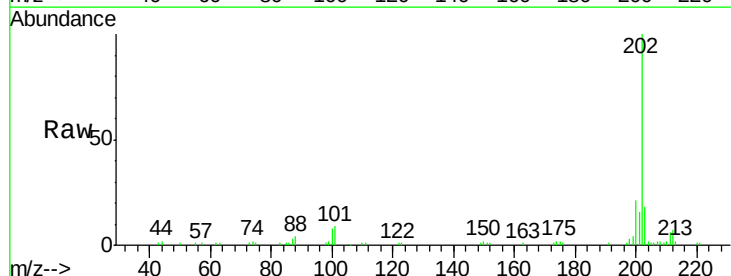
Instrument :
 BNA_G
 ClientSampleId :
 BC9B0

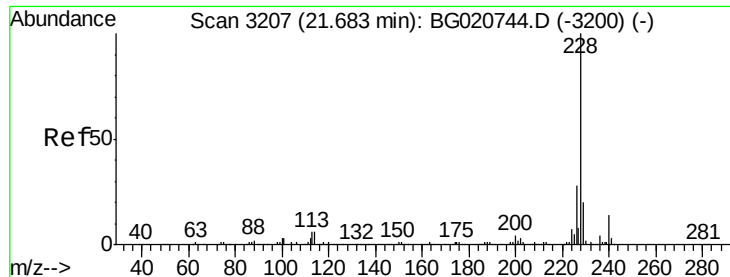
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.2	6.1	9.1
100	5.3	4.6	7.0



#80
 Pyrene
 Concen: 3.90 ng/ul
 RT: 19.84 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BG020746.D
 Acq: 15 Jan 2016 10:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.9	10.3
100	7.8	5.6	8.4





#83

Benzo(a)anthracene

Concen: 2.11 ng/ul

RT: 21.68 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BG020746.D

Acq: 15 Jan 2016 10:48

Instrument :

BNA_G

ClientSampleId :

BC9B0

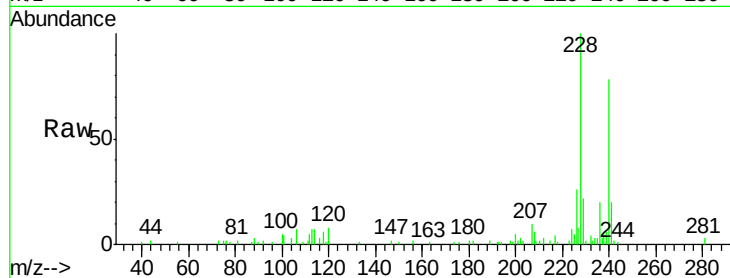
Tgt Ion:228 Resp: 24012

Ion Ratio Lower Upper

228 100

229 21.8 16.0 24.0

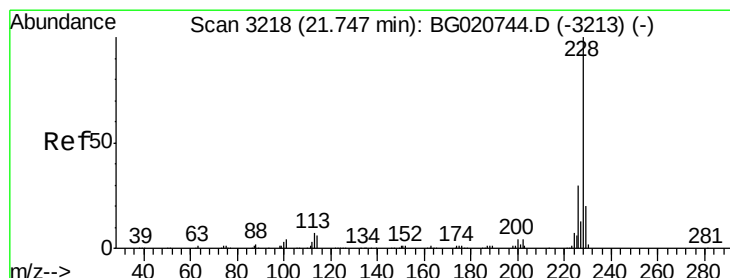
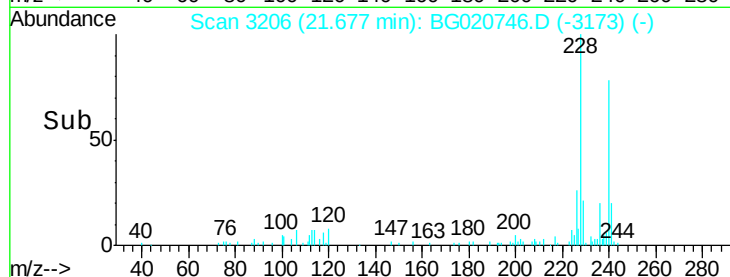
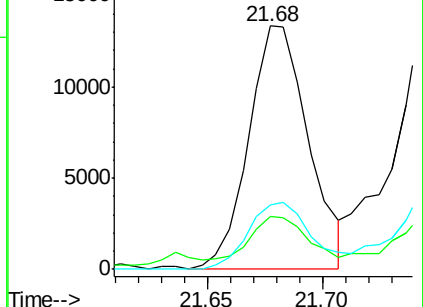
226 26.4 21.8 32.8



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



#85

Chrysene

Concen: 2.35 ng/ul

RT: 21.74 min Scan# 3217

Delta R.T. -0.01 min

Lab File: BG020746.D

Acq: 15 Jan 2016 10:48

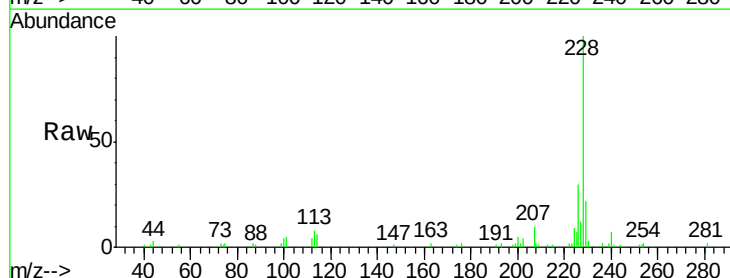
Tgt Ion:228 Resp: 25339

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

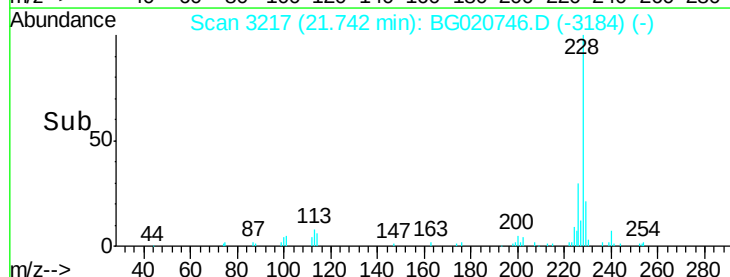
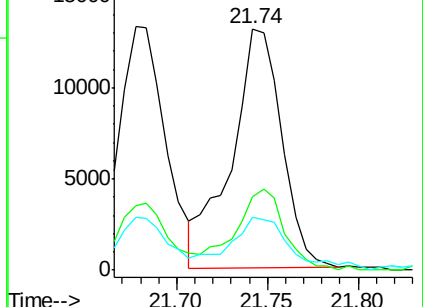
229 21.7 16.0 24.0

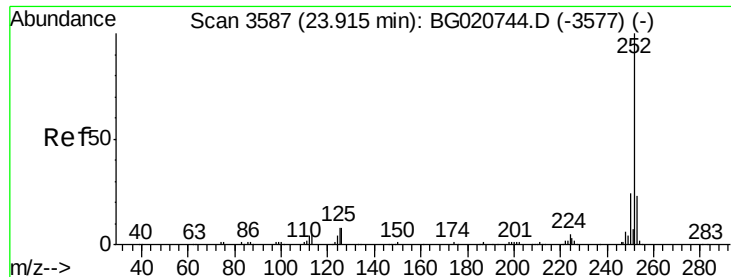


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.30 ng/ul

RT: 23.92 min Scan# 3587

Delta R.T. 0.00 min

Lab File: BG020746.D

Acq: 15 Jan 2016 10:48

Instrument :

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ClientSampleId :

BC9B0

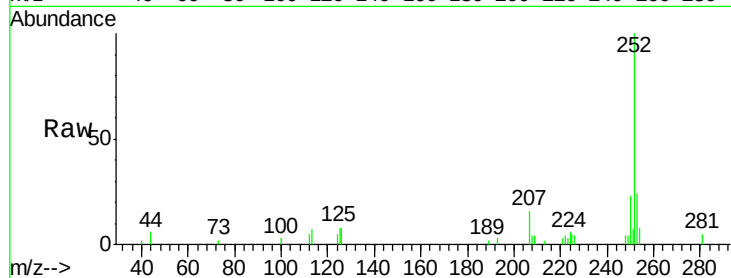
Tgt Ion:252 Resp: 25189

Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.0

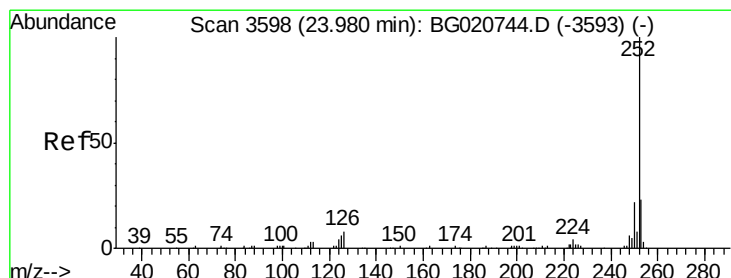
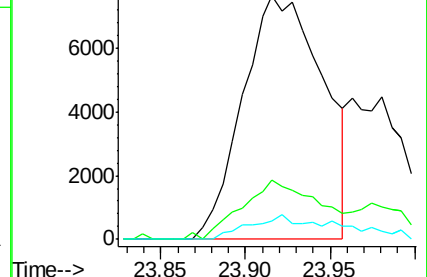
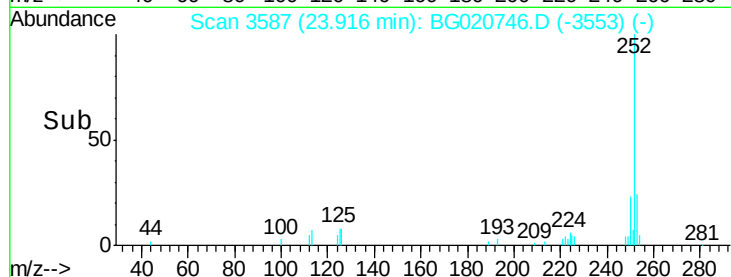
125 7.7 4.9 7.3#



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



#89

Benzo(k)fluoranthene

Concen: 2.33 ng/ul

RT: 23.92 min Scan# 3587

Delta R.T. -0.06 min

Lab File: BG020746.D

Acq: 15 Jan 2016 10:48

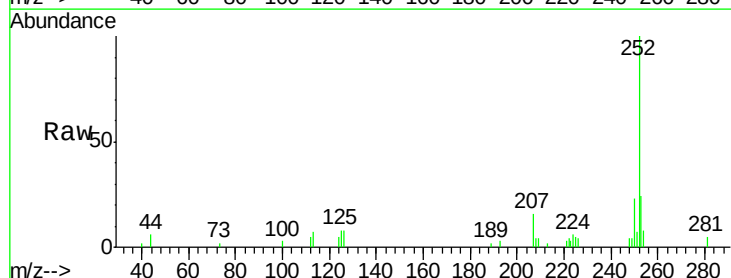
Tgt Ion:252 Resp: 25189

Ion Ratio Lower Upper

252 100

253 24.1 17.1 25.7

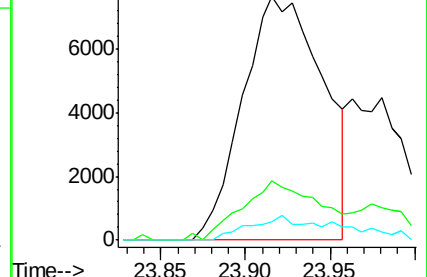
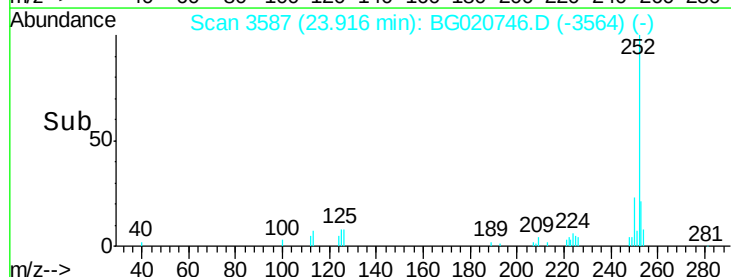
125 7.7 5.4 8.0

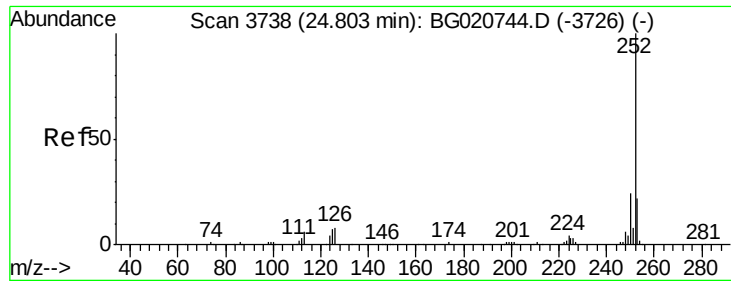


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.99 ng/ul

RT: 24.79 min Scan# 3736

Delta R.T. -0.01 min

Lab File: BG020746.D

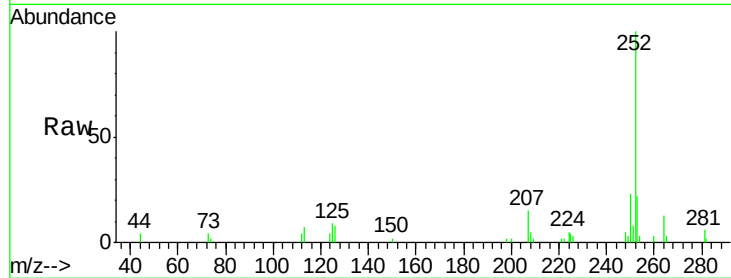
Acq: 15 Jan 2016 10:48

Instrument :

BNA_G

ClientSampleId :

BC9B0



Tgt Ion:	252	Resp:	20972
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	9.0	5.8	8.6

