

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
 Data File : BG020681.D
 Acq On : 12 Jan 2016 17:11
 Operator : SJ/IZ
 Sample : H1094-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC953

Quant Time: Jan 13 02:45:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 02:39:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	15813	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	69059	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	50370	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	136660	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	169148	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	161201	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	1096	3.39	ng/uL	0.00
5) Phenol-d5	7.21	99	23578	17.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	16560	20.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	20594	19.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	20072	17.56	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	10816	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	12674	20.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	22561	18.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	26380	22.11	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	98286	22.36	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	104244	21.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	7158	12.13	ng/ul	0.00
58) Fluorene-d10	15.67	176	87550	22.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	12637	17.00	ng/ul	0.00
71) Anthracene-d10	17.53	188	150599	22.48	ng/ul	0.00
79) Pyrene-d10	19.81	212	186690	23.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	195424	22.74	ng/ul	0.00

Target Compounds

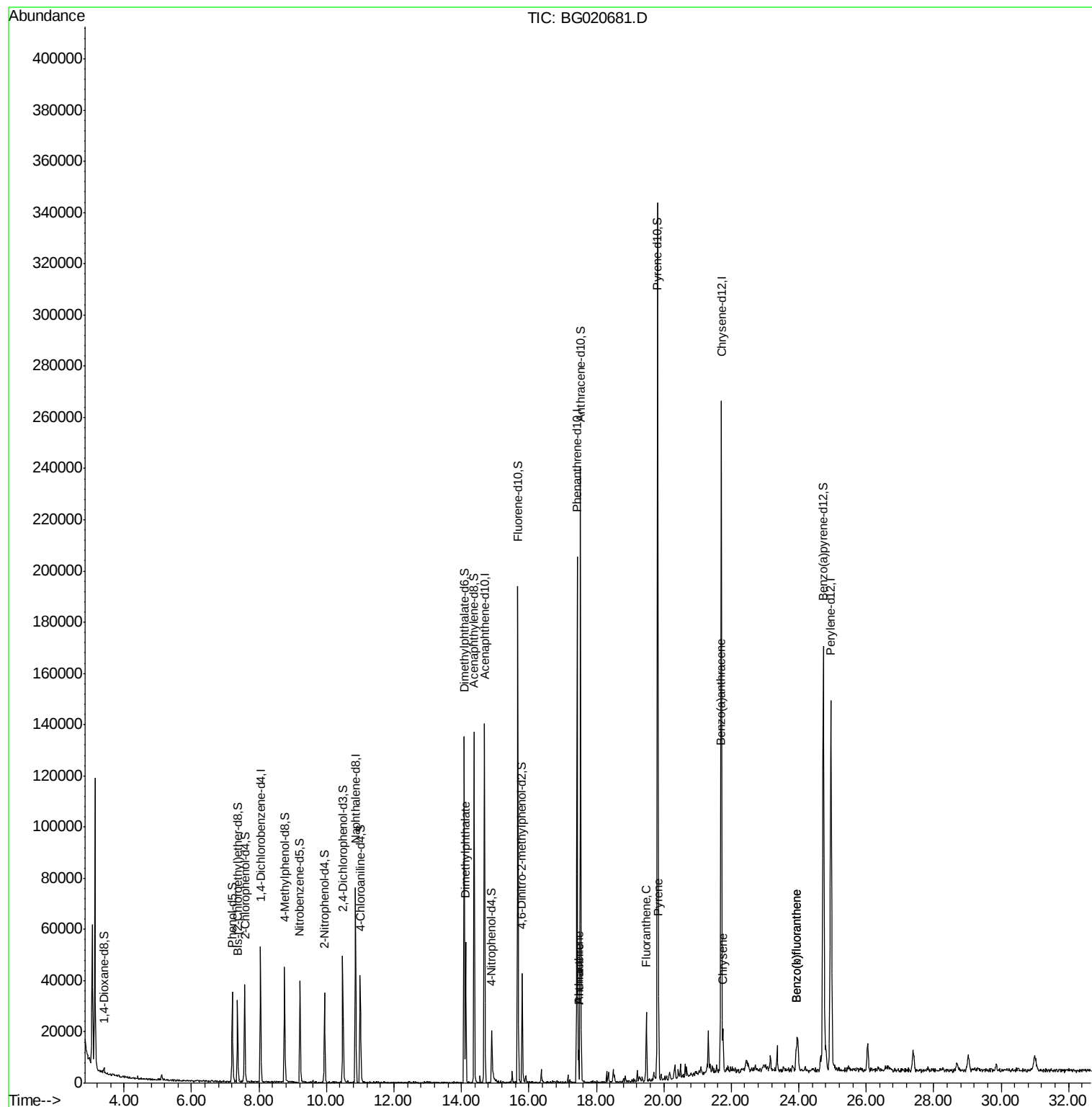
						Qvalue
45) Dimethylphthalate	14.13	163	38753	8.21	ng/ul	99
70) Phenanthrene	17.47	178	8550	1.05	ng/ul	95
72) Anthracene	17.47	178	8550	1.04	ng/ul	96
77) Fluoranthene	19.48	202	20245	2.05	ng/ul	100
80) Pyrene	19.84	202	24970	2.33	ng/ul	97
83) Benzo(a)anthracene	21.68	228	12668	1.20	ng/ul	98
85) Chrysene	21.75	228	12762	1.28	ng/ul	97
88) Benzo(b)fluoranthene	23.93	252	13377	1.29	ng/ul#	99
89) Benzo(k)fluoranthene	23.93	252	13377	1.30	ng/ul	99

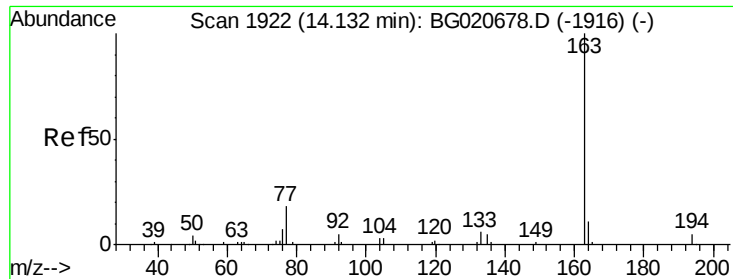
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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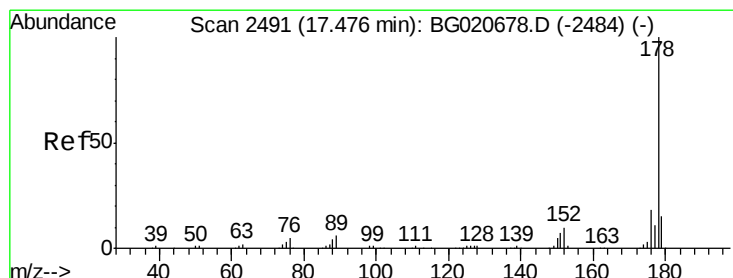
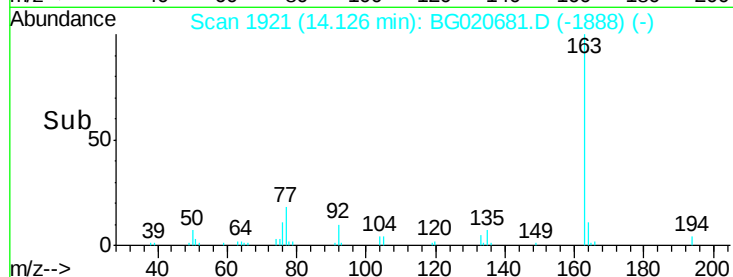
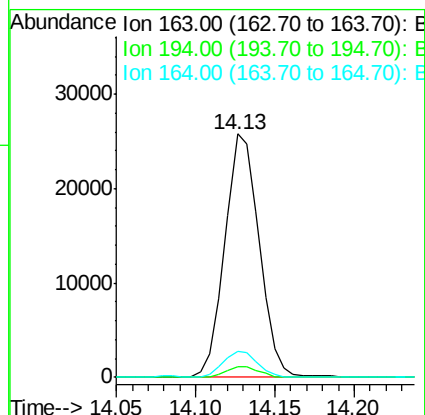
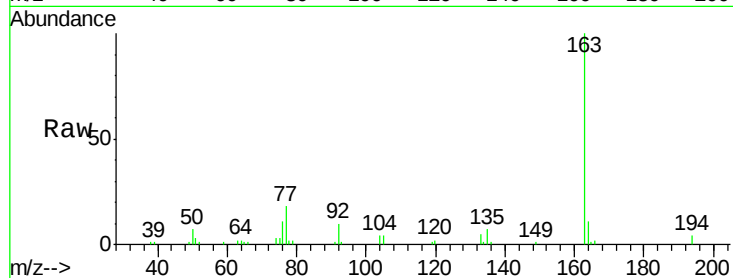




#45
Dimethylphthalate
Concen: 8.21 ng/ul
RT: 14.13 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG020681.D
Acq: 12 Jan 2016 17:11

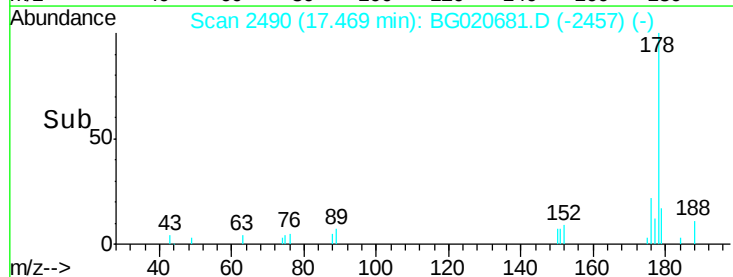
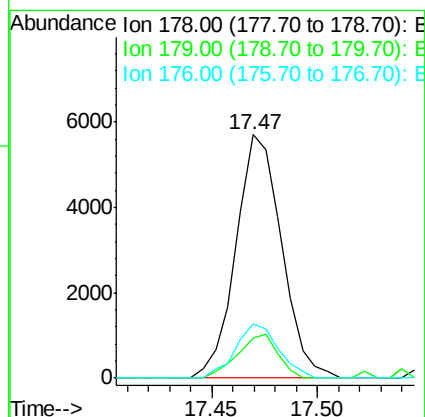
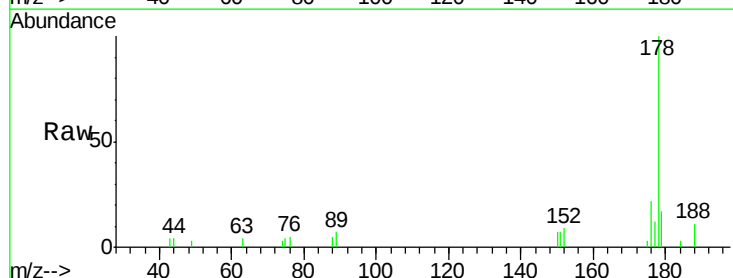
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BNA_G
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BC953

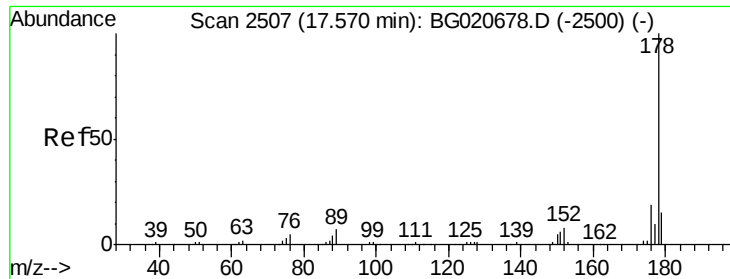
Tgt Ion:163 Resp: 38753
Ion Ratio Lower Upper
163 100
194 4.4 4.0 6.0
164 10.6 8.4 12.6



#70
Phenanthrene
Concen: 1.05 ng/ul
RT: 17.47 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BG020681.D
Acq: 12 Jan 2016 17:11

Tgt Ion:178 Resp: 8550
Ion Ratio Lower Upper
178 100
179 16.6 12.3 18.5
176 22.3 15.4 23.0





#72

Anthracene

Concen: 1.04 ng/ul

RT: 17.47 min Scan# 2490

Delta R.T. -0.10 min

Lab File: BG020681.D

Acq: 12 Jan 2016 17:11

Instrument :

BNA_G

ClientSampleId :

BC953

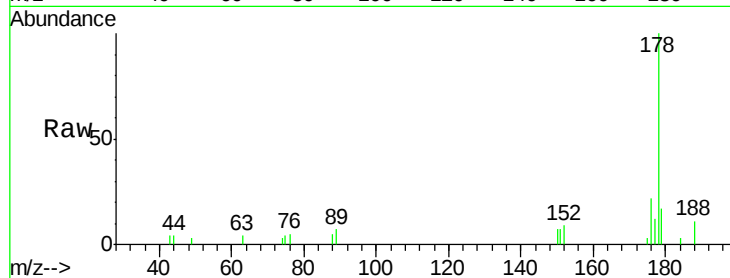
Tgt Ion:178 Resp: 8550

Ion Ratio Lower Upper

178 100

179 16.6 13.4 20.2

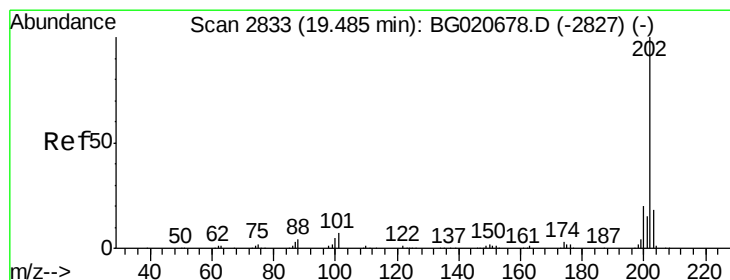
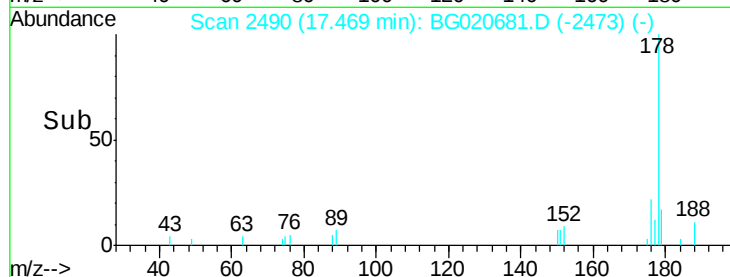
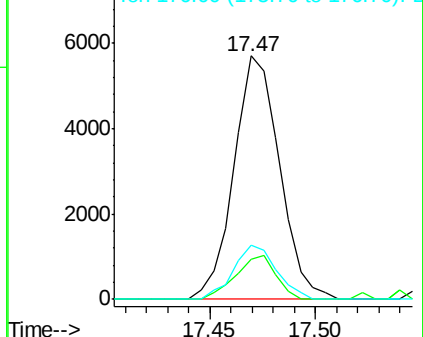
176 22.3 15.4 23.0



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: 2.05 ng/ul

RT: 19.48 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG020681.D

Acq: 12 Jan 2016 17:11

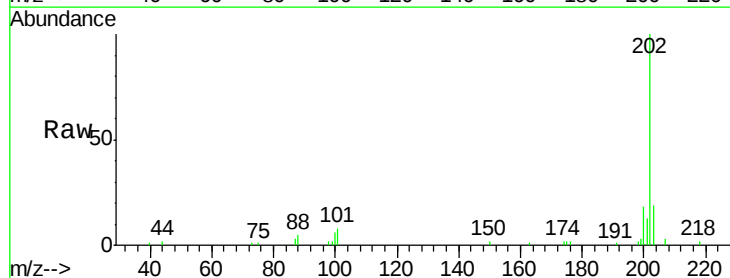
Tgt Ion:202 Resp: 20245

Ion Ratio Lower Upper

202 100

101 7.6 6.1 9.1

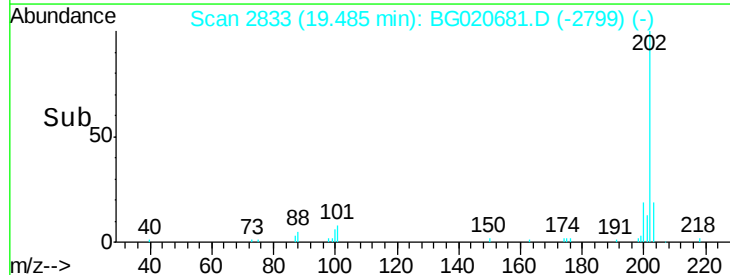
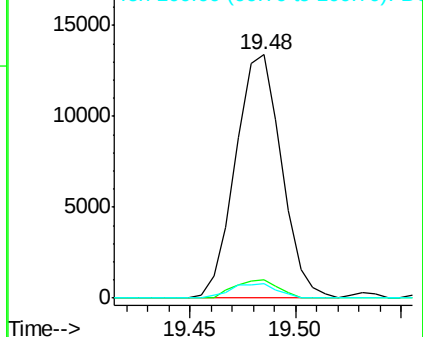
100 5.9 4.6 7.0

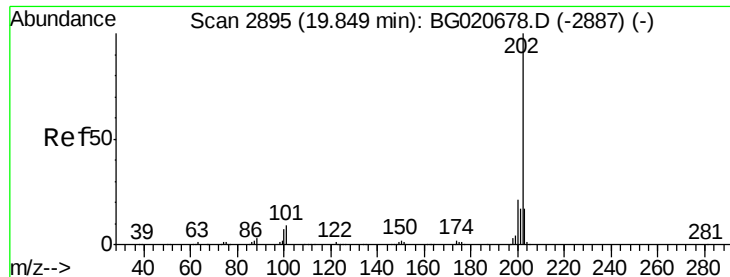


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

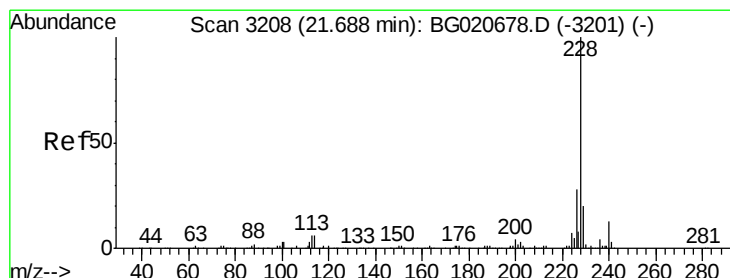
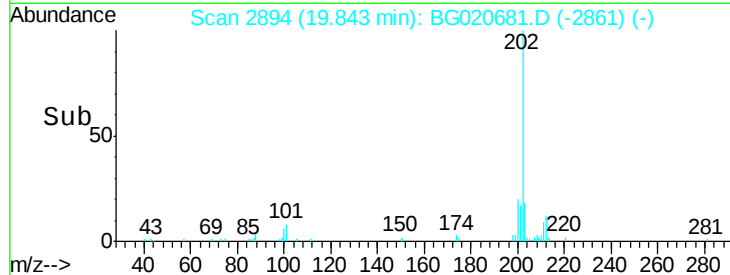
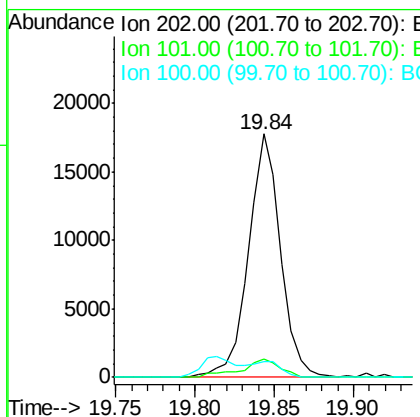
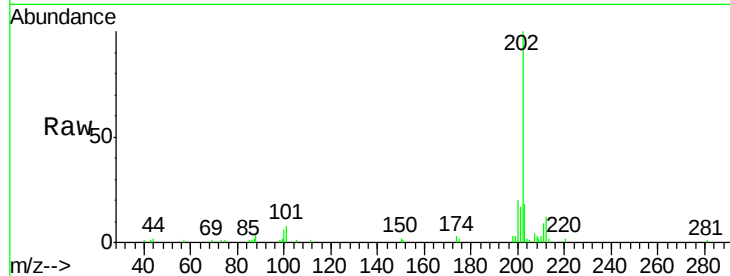




#80
 Pyrene
 Concen: 2.33 ng/ul
 RT: 19.84 min Scan# 2894
 Delta R.T. -0.01 min
 Lab File: BG020681.D
 Acq: 12 Jan 2016 17:11

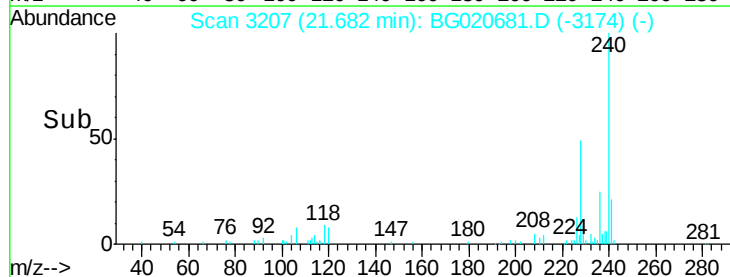
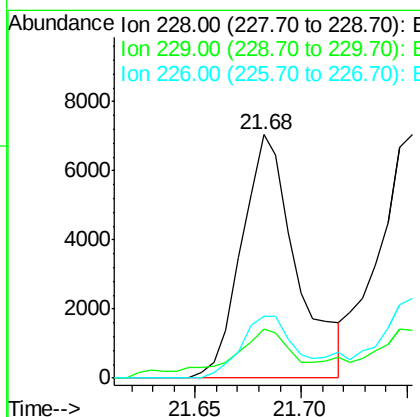
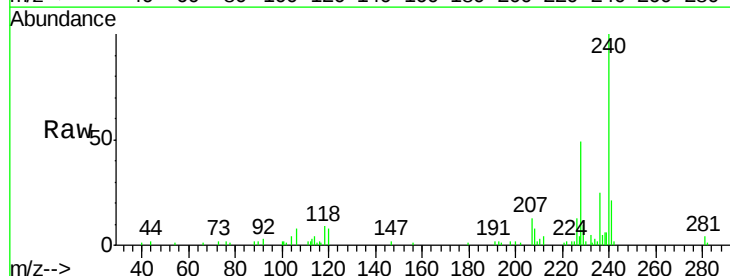
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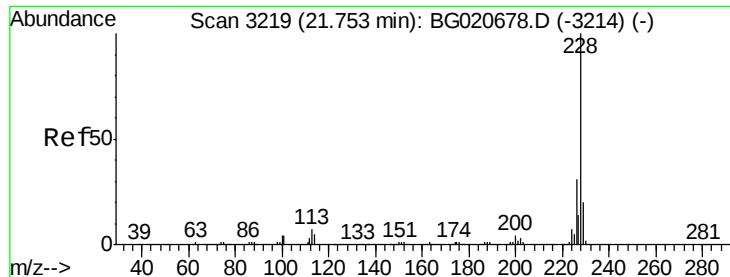
Tgt Ion:202 Resp: 24970
 Ion Ratio Lower Upper
 202 100
 101 7.5 6.9 10.3
 100 6.3 5.6 8.4



#83
 Benzo(a)anthracene
 Concen: 1.20 ng/ul
 RT: 21.68 min Scan# 3207
 Delta R.T. -0.01 min
 Lab File: BG020681.D
 Acq: 12 Jan 2016 17:11

Tgt Ion:228 Resp: 12668
 Ion Ratio Lower Upper
 228 100
 229 20.4 16.0 24.0
 226 25.5 21.8 32.8





#85

Chrysene

Concen: 1.28 ng/ul

RT: 21.75 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BG020681.D

Acq: 12 Jan 2016 17:11

Instrument :

BNA_G

ClientSampleId :

BC953

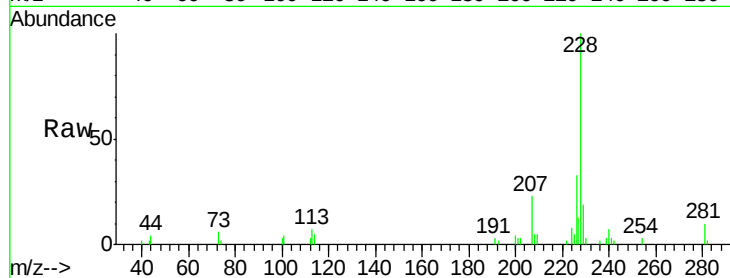
Tgt Ion:228 Resp: 12762

Ion Ratio Lower Upper

228 100

226 32.8 24.1 36.1

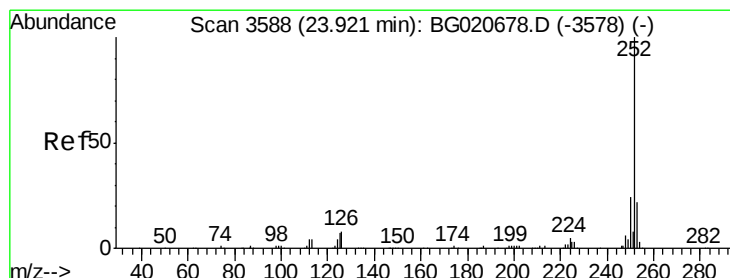
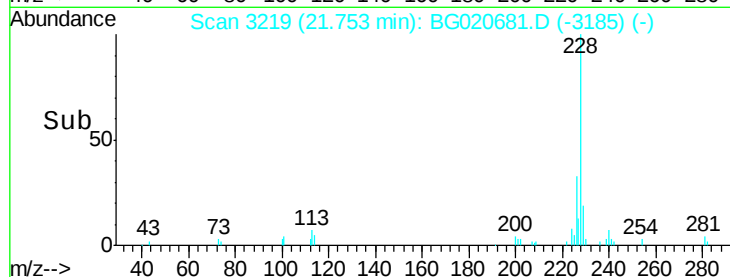
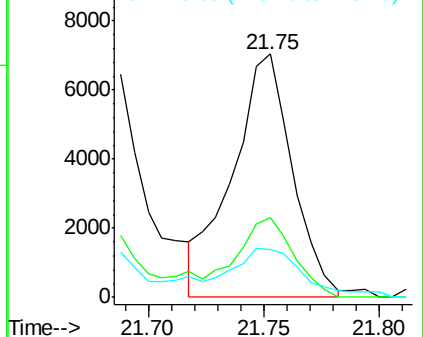
229 19.5 16.0 24.0



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: 1.29 ng/ul

RT: 23.93 min Scan# 3589

Delta R.T. 0.01 min

Lab File: BG020681.D

Acq: 12 Jan 2016 17:11

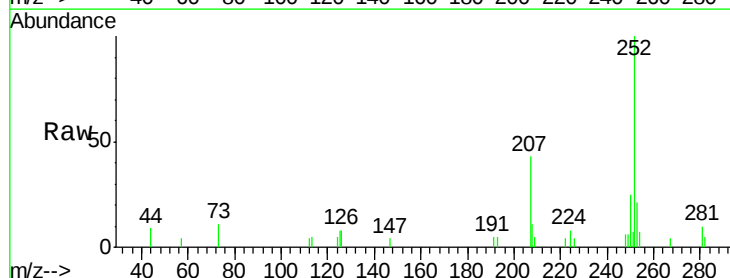
Tgt Ion:252 Resp: 13377

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

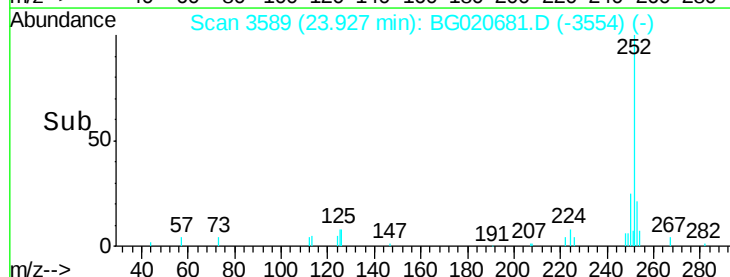
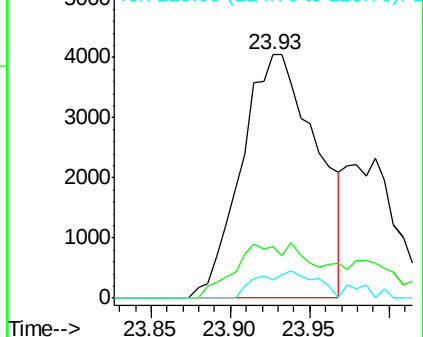
125 7.7 4.9 7.3#

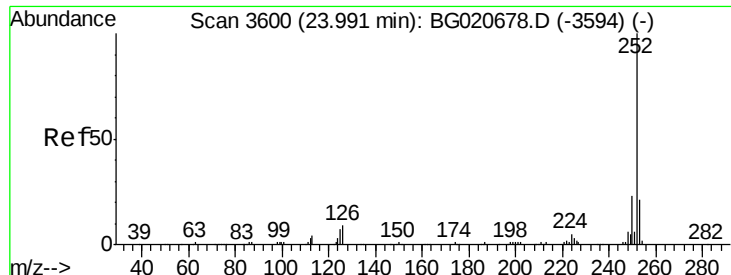


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.30 ng/ul

RT: 23.93 min Scan# 3589

Delta R.T. -0.06 min

Lab File: BG020681.D

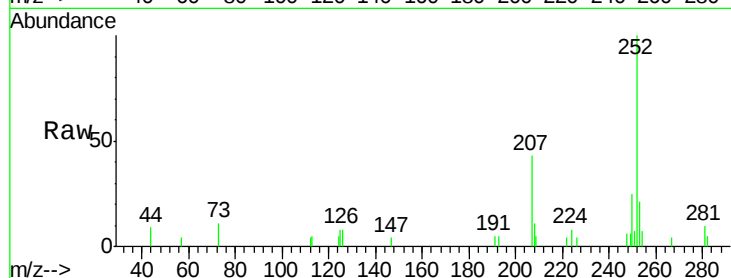
Acq: 12 Jan 2016 17:11

Instrument :

BNA_G

ClientSampleId :

BC953



Tgt Ion:	252	Resp:	13377
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	7.7	5.4	8.0

