

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100515\
 Data File : BG019042.D
 Acq On : 6 Oct 2015 00:39
 Operator : UM/NP
 Sample : G3865-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY2

Quant Time: Oct 06 04:29:32 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 06 04:27:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46967	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	220094	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	144182	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	317635	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	347221	20.00	ng/ul	0.00
86) Perylene-d12	24.91	264	343855	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	3261	3.14	ng/uL	0.00
5) Phenol-d5	7.21	99	82479	20.38	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.37	67	57540	21.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	65156	21.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	60967	19.16	ng/ul	0.01
19) Nitrobenzene-d5	9.21	128	36325	21.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	41835	24.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	75687	22.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	74223	17.76	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	252224	22.19	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	313284	22.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.86	143	30522	13.29	ng/ul	0.01
58) Fluorene-d10	15.66	176	225577	21.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	24351	14.13	ng/ul	0.00
71) Anthracene-d10	17.51	188	339030	22.67	ng/ul	0.00
79) Pyrene-d10	19.80	212	358852	22.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	398984	22.68	ng/ul	0.01

Target Compounds

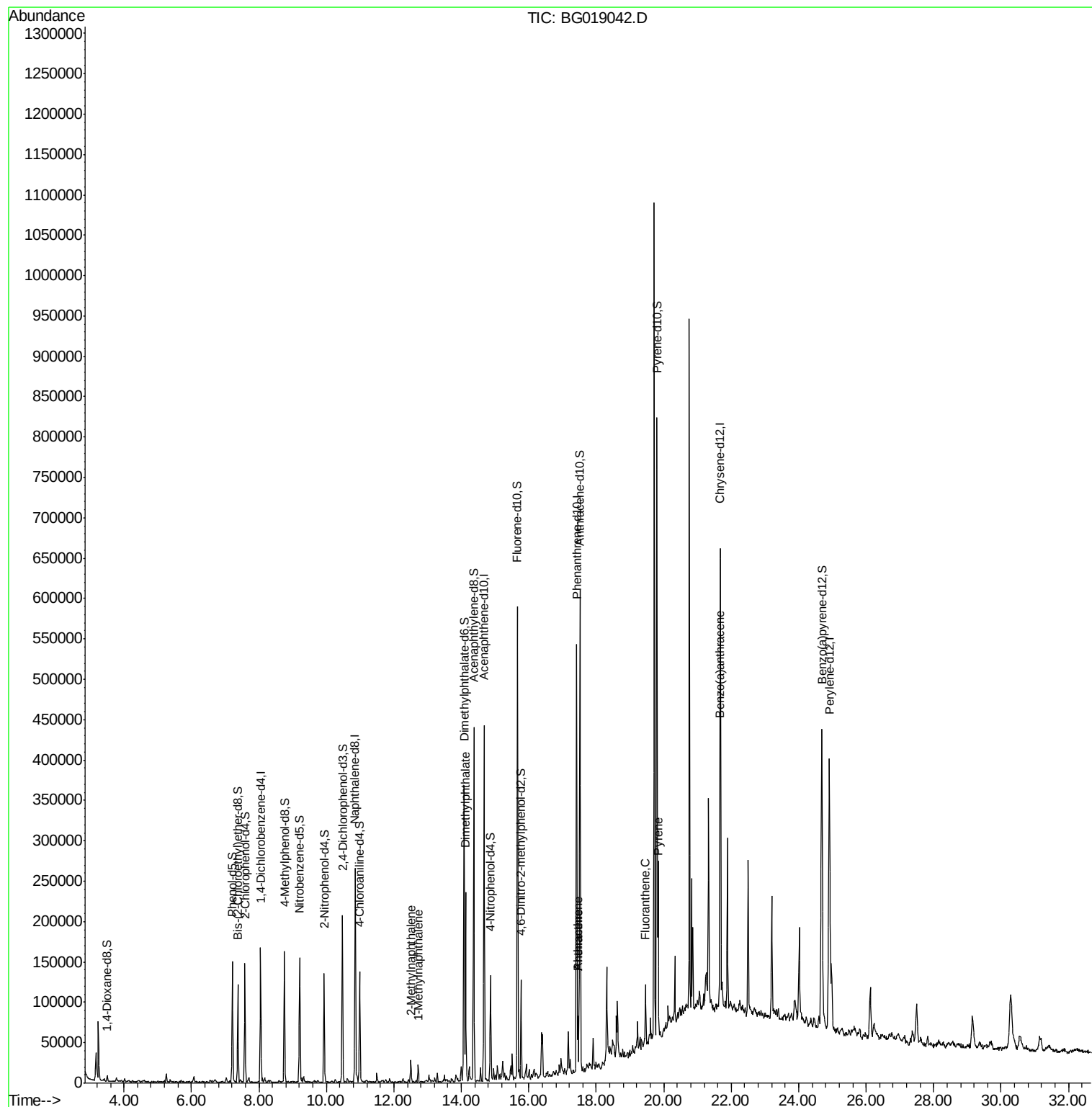
						Qvalue
34) 2-Methylnaphthalene	12.51	142	12497	1.46	ng/ul	99
35) 1-Methylnaphthalene	12.72	142	9789	1.17	ng/ul	91
45) Dimethylphthalate	14.12	163	149830	12.91	ng/ul	98
70) Phenanthrene	17.46	178	39436	2.20	ng/ul	97
72) Anthracene	17.46	178	39436	2.19	ng/ul	97
77) Fluoranthene	19.46	202	41748	2.00	ng/ul	98
80) Pyrene	19.82	202	36176	1.73	ng/ul#	96
83) Benzo(a)anthracene	21.66	228	20868	1.04	ng/ul	97

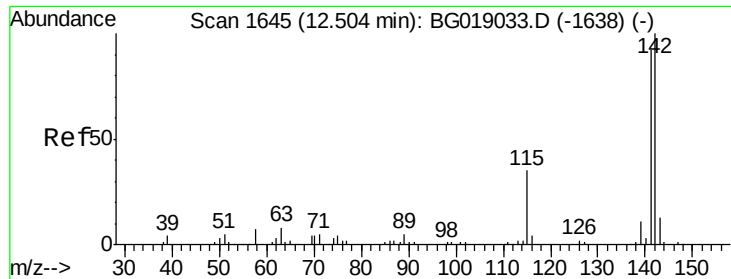
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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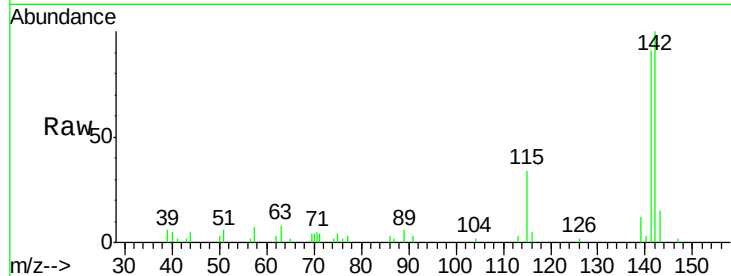




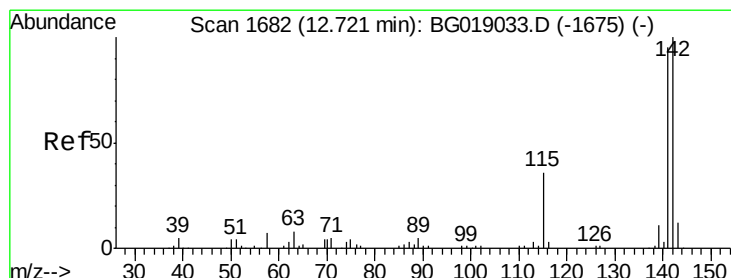
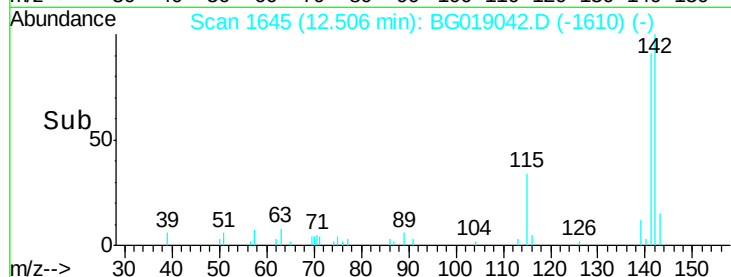
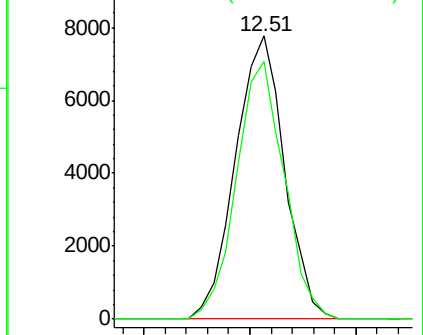
#34
 2-Methylnaphthalene
 Concen: 1.46 ng/ul
 RT: 12.51 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BG019042.D
 Acq: 6 Oct 2015 00:39

Instrument :
 BNA_G
 ClientSampleId :
 E5MY2

Tgt Ion:142 Resp: 12497
 Ion Ratio Lower Upper
 142 100
 141 91.0 73.4 110.0

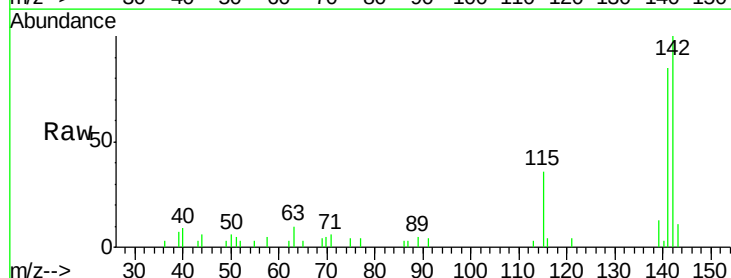


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

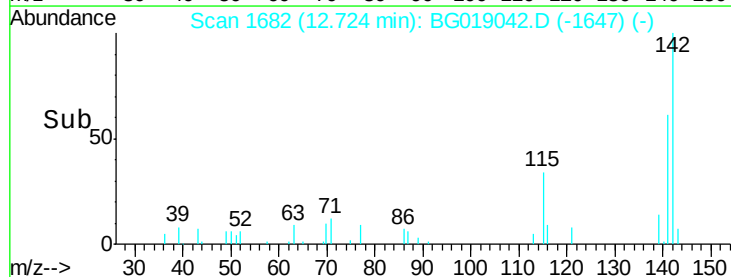
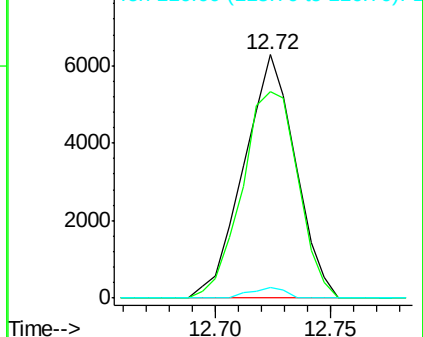


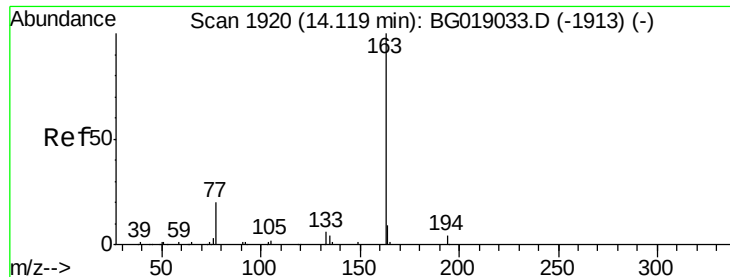
#35
 1-Methylnaphthalene
 Concen: 1.17 ng/ul
 RT: 12.72 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BG019042.D
 Acq: 6 Oct 2015 00:39

Tgt Ion:142 Resp: 9789
 Ion Ratio Lower Upper
 142 100
 141 84.7 74.8 112.2
 116 4.4 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#45

Dimethylphthalate

Concen: 12.91 ng/ul

RT: 14.12 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG019042.D

Acq: 6 Oct 2015 00:39

Instrument :

BNA_G

ClientSampleId :

E5MY2

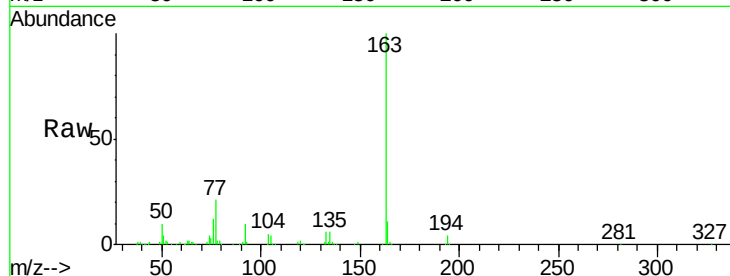
Tgt Ion:163 Resp: 149830

Ion Ratio Lower Upper

163 100

194 3.5 3.3 4.9

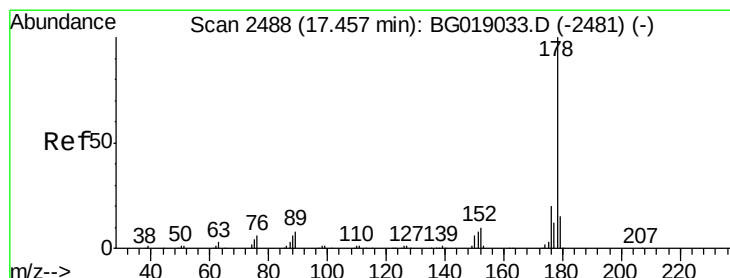
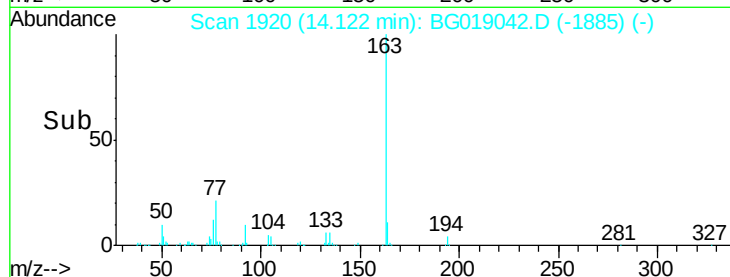
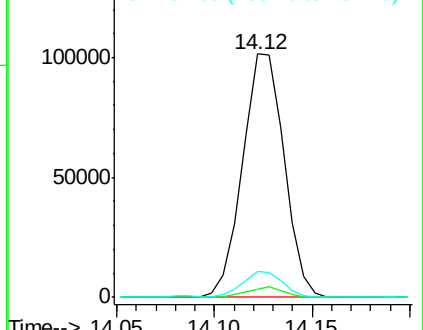
164 10.7 8.1 12.1



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: 2.20 ng/ul

RT: 17.46 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BG019042.D

Acq: 6 Oct 2015 00:39

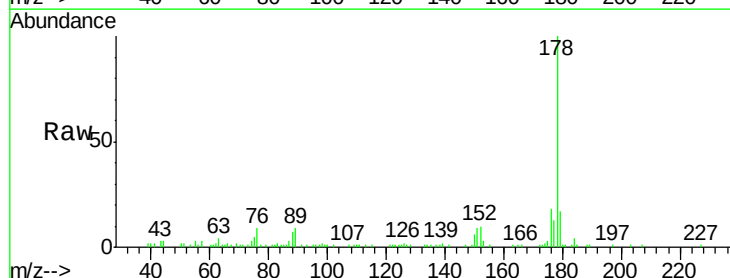
Tgt Ion:178 Resp: 39436

Ion Ratio Lower Upper

178 100

179 16.9 12.5 18.7

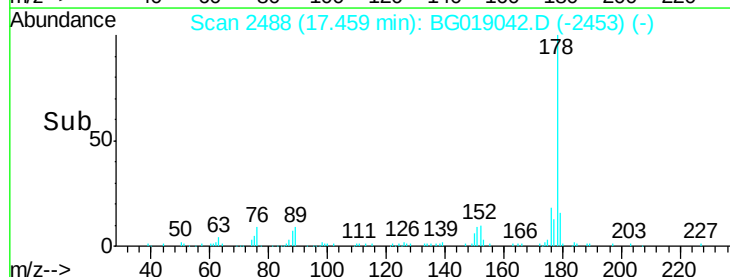
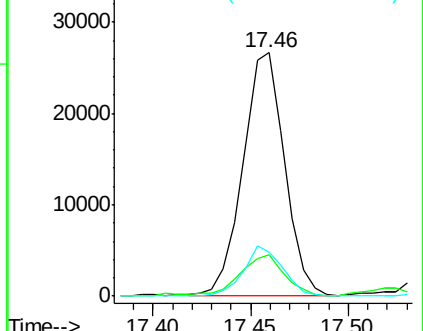
176 18.1 15.4 23.0

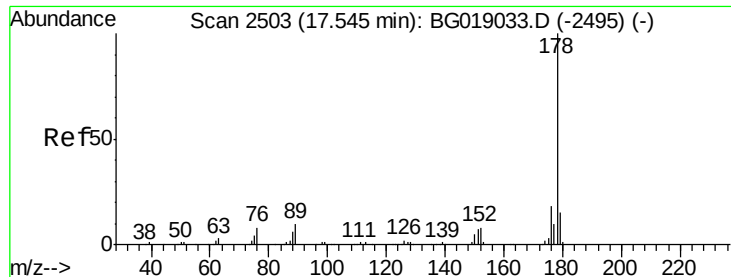


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 2.19 ng/ul

RT: 17.46 min Scan# 2488

Delta R.T. -0.09 min

Lab File: BG019042.D

Acq: 6 Oct 2015 00:39

Instrument :

BNA_G

ClientSampleId :

E5MY2

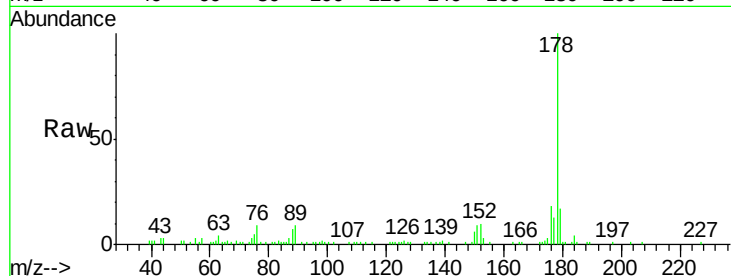
Tgt Ion:178 Resp: 39436

Ion Ratio Lower Upper

178 100

179 16.9 12.2 18.4

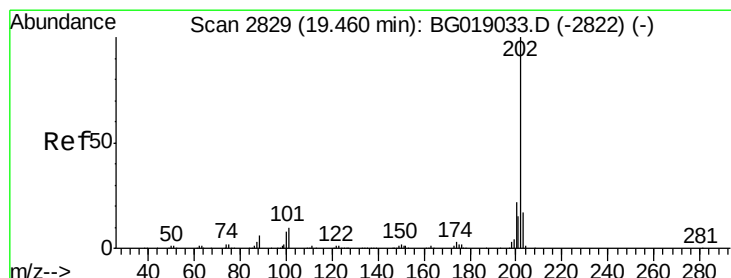
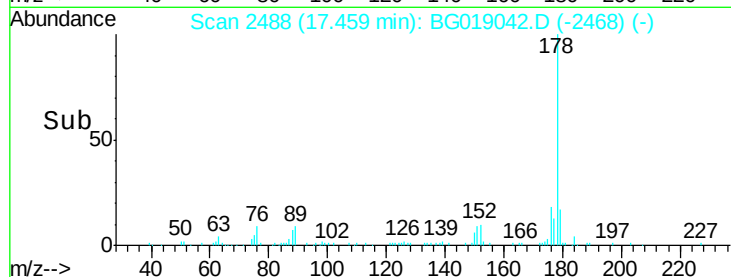
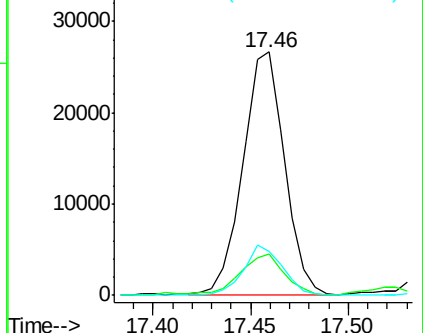
176 18.1 15.0 22.6



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: 2.00 ng/ul

RT: 19.46 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG019042.D

Acq: 6 Oct 2015 00:39

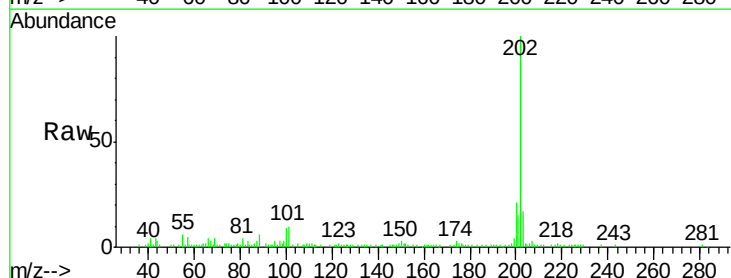
Tgt Ion:202 Resp: 41748

Ion Ratio Lower Upper

202 100

101 10.0 9.0 13.4

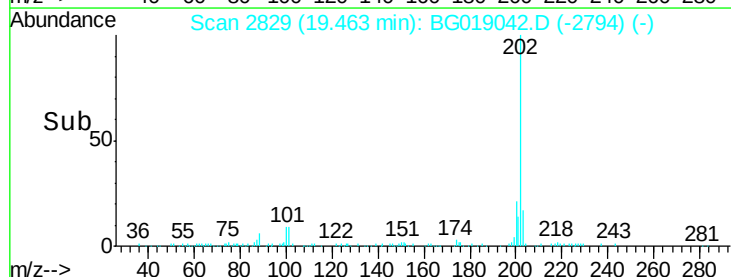
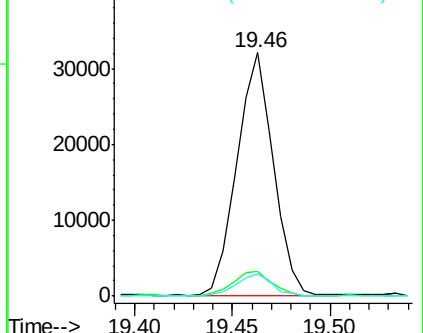
100 8.9 6.9 10.3

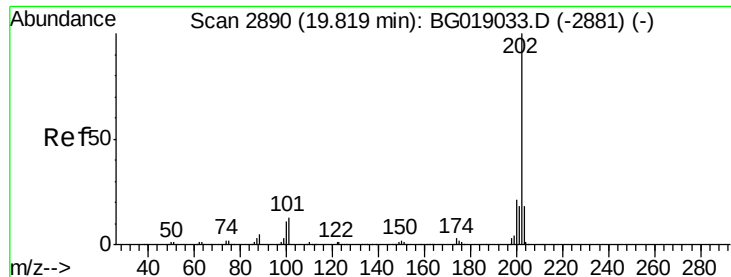


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

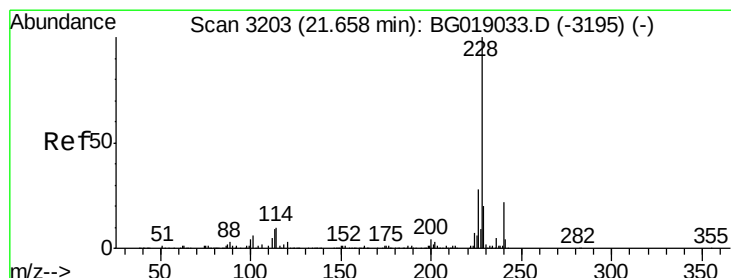
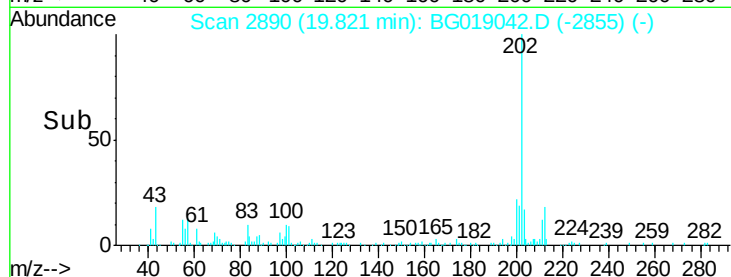
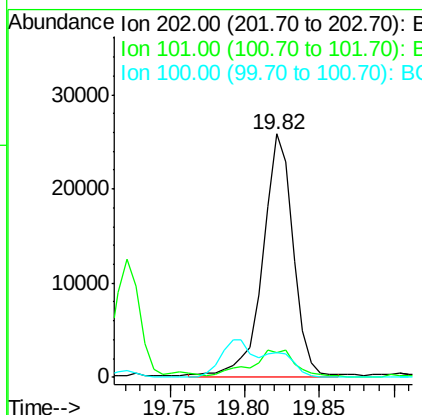
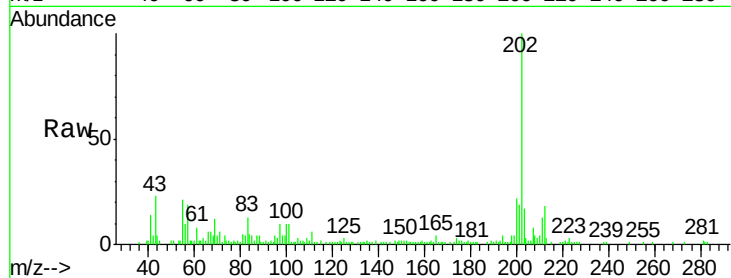




#80
 Pyrene
 Concen: 1.73 ng/ul
 RT: 19.82 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: BG019042.D
 Acq: 6 Oct 2015 00:39

Instrument :
 BNA_G
 ClientSampleId :
 E5MY2

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	10.2	15.2#
100	9.9	8.5	12.7



#83
 Benzo(a)anthracene
 Concen: 1.04 ng/ul
 RT: 21.66 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: BG019042.D
 Acq: 6 Oct 2015 00:39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.2	16.6	24.8
226	28.8	22.8	34.2

