

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
 Data File : BM026192.D
 Acq On : 30 May 2020 03:47
 Operator : MA/SJ
 Sample : L2820-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB640

Quant Time: May 30 05:52:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 29 11:06:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	160578	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	656760	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	395230	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	825129	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	823077	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	846818	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	23488	4.41	ng/uL	0.00
5) Phenol-d5	6.67	99	90871	6.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	237962	23.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	231948	20.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	168976	15.39	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	139180	26.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	151023	28.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	284409	26.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	364856	33.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	943664	29.77	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	1012957	26.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	32075	5.71	ng/ul	0.02
58) Fluorene-d10	15.12	176	755407	27.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	105253	21.88	ng/ul	0.00
71) Anthracene-d10	16.97	188	1197317	29.45	ng/ul	0.00
79) Pyrene-d10	19.27	212	1269821	30.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	905277	20.08	ng/ul	0.00

Target Compounds

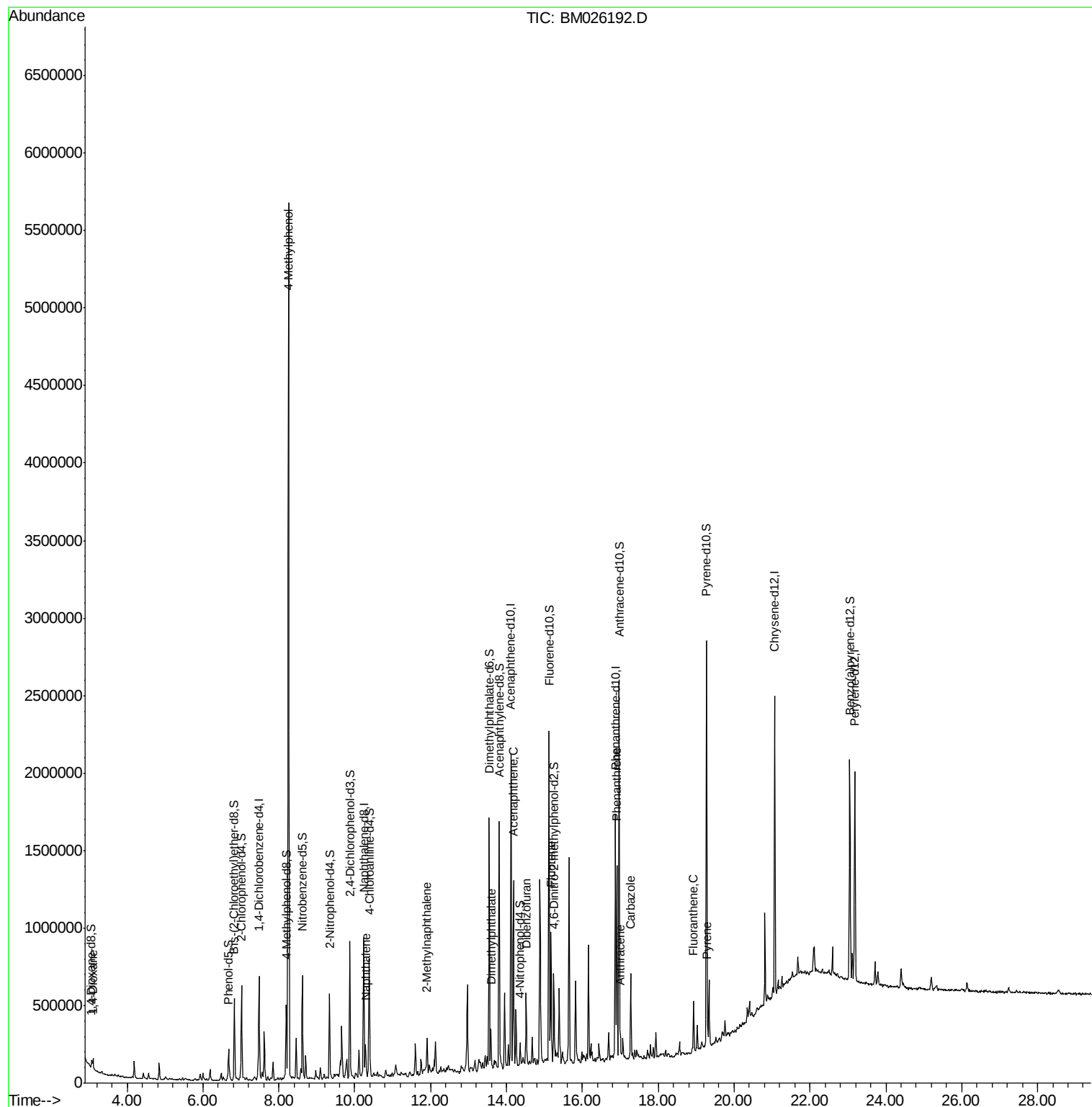
					Ovalue
2) 1,4-Dioxane	3.10	88	32950	5.957	ng/uL 91
16) 4-Methylphenol	8.26	108	1838114	150.223	ng/ul 86
28) Naphthalene	10.28	128	150454	3.747	ng/ul 98
34) 2-Methylnaphthalene	11.90	142	101939	3.774	ng/ul 100
45) Dimethylphthalate	13.59	163	145970	4.387	ng/ul 99
50) Acenaphthene	14.19	153	464488	15.977	ng/ul 98
54) Dibenzofuran	14.52	168	265989	6.510	ng/ul 100
59) Fluorene	15.17	166	336502	10.181	ng/ul 98
70) Phenanthrene	16.91	178	685132	13.182	ng/ul 98
72) Anthracene	17.00	178	88669	1.700	ng/ul 98
75) Carbazole	17.28	167	331728	7.690	ng/ul 99
77) Fluoranthene	18.93	202	182963	3.356	ng/ul 98
80) Pyrene	19.30	202	94538	1.636	ng/ul 98

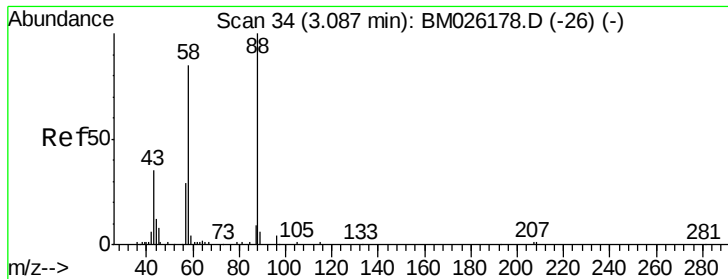
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 29 11:06:36 2020
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 5.957 ng/uL

RT: 3.10 min Scan# 36

Delta R.T. 0.01 min

Lab File: BM026192.D

Acq: 30 May 2020 03:47

Instrument :

BNA_M

ClientSampleId :

CB640

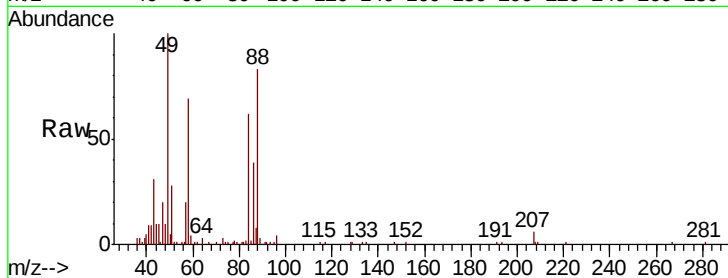
Tot Ion: 88 Resp: 32950

Ion Ratio Lower Upper

88 100

43 37.0 30.1 45.1

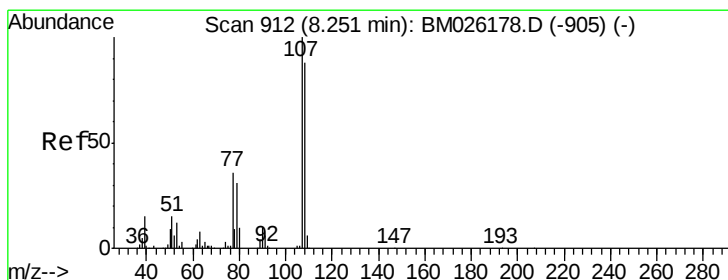
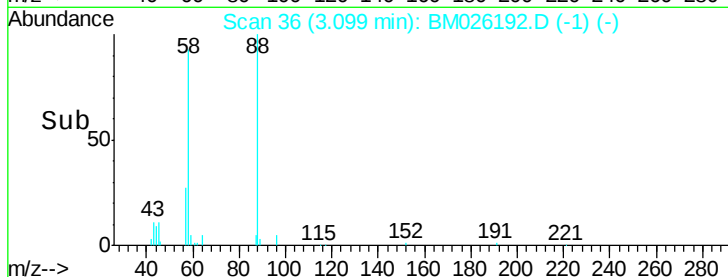
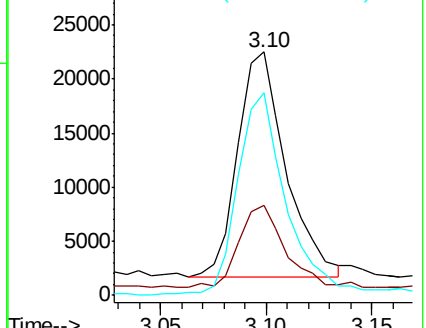
58 83.2 76.2 114.4



Abundance Ion 88.00 (87.70 to 88.70): BM026192.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM026192.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM026192.D (-1) (-)



#16

4-Methylphenol

Concen: 150.223 ng/uL

RT: 8.26 min Scan# 913

Delta R.T. 0.00 min

Lab File: BM026192.D

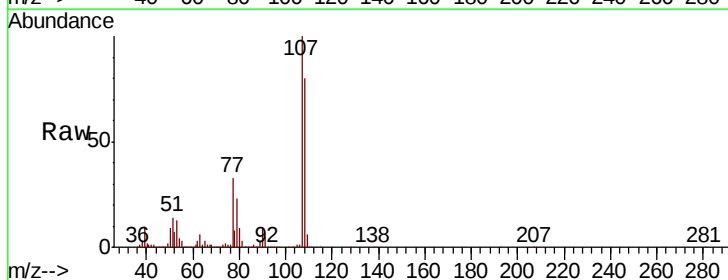
Acq: 30 May 2020 03:47

Tgt Ion: 108 Resp: 1838114

Ion Ratio Lower Upper

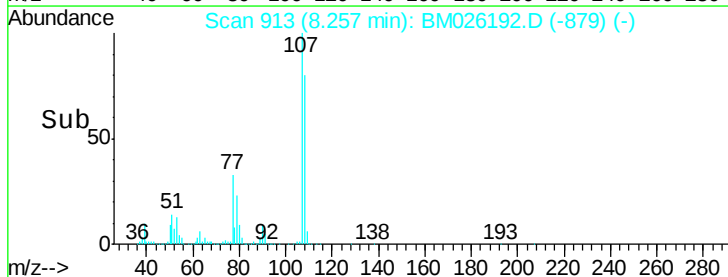
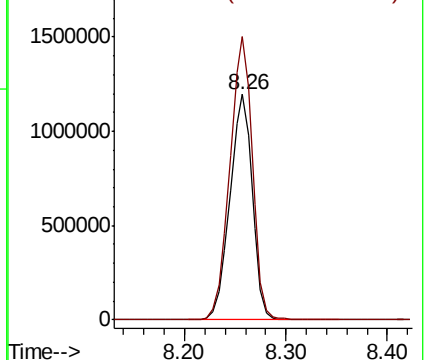
108 100

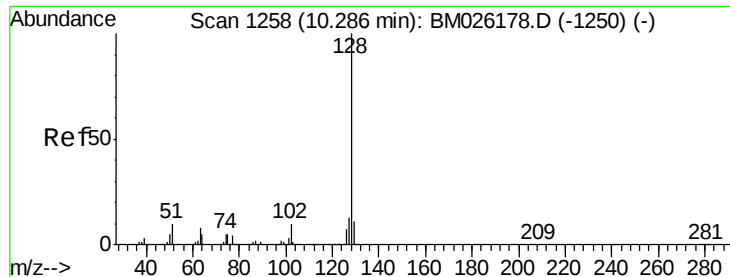
107 125.4 88.6 132.8



Abundance Ion 108.00 (107.70 to 108.70): BM026192.D (-879) (-)

Ion 107.00 (106.70 to 107.70): BM026192.D (-879) (-)





#28

Naphthalene

Concen: 3.747 ng/ul

RT: 10.28 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM026192.D

Acq: 30 May 2020 03:47

Instrument :

BNA_M

ClientSampleId :

CB640

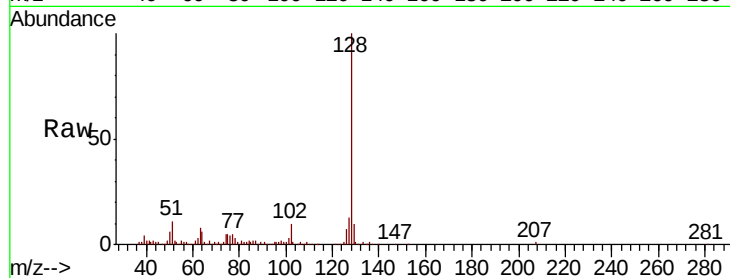
Tot Ion:128 Resp: 150454

Ion Ratio Lower Upper

128 100

129 10.1 9.0 13.4

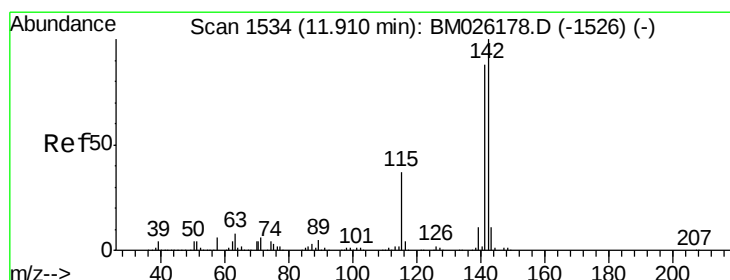
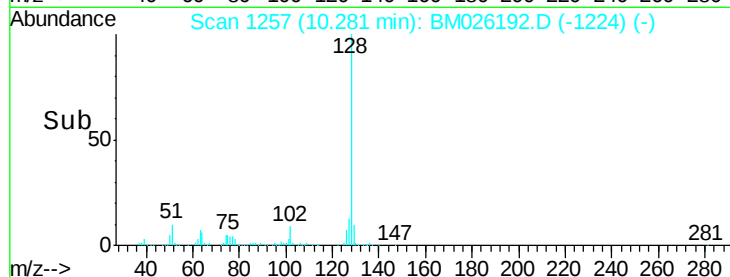
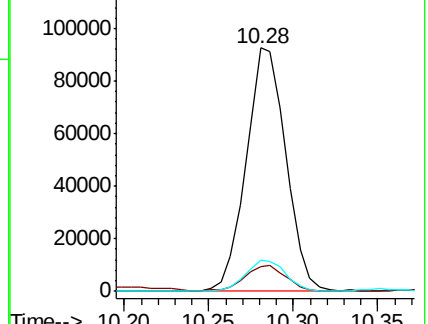
127 12.9 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 3.774 ng/ul

RT: 11.90 min Scan# 1533

Delta R.T. -0.01 min

Lab File: BM026192.D

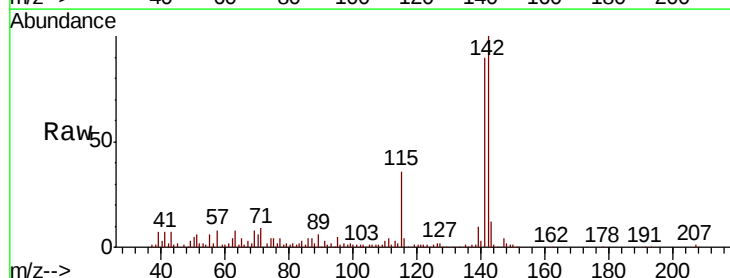
Acq: 30 May 2020 03:47

Tgt Ion:142 Resp: 101939

Ion Ratio Lower Upper

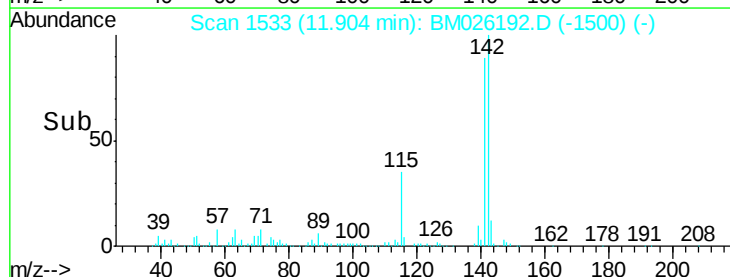
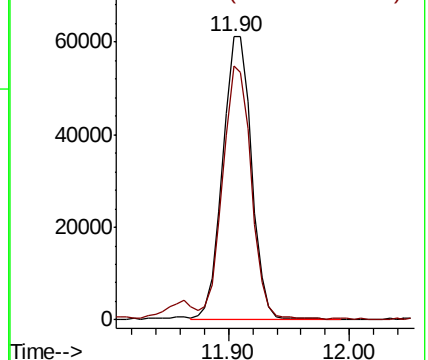
142 100

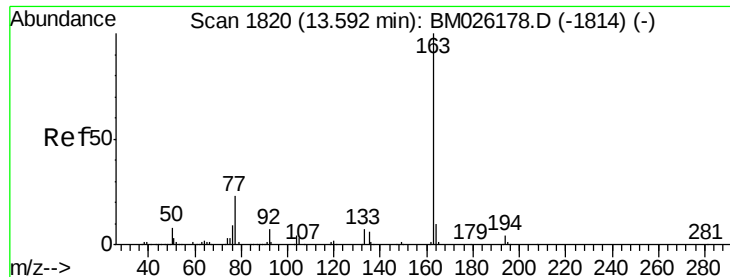
141 89.6 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

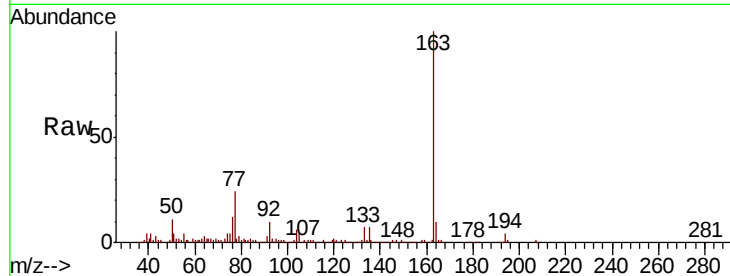




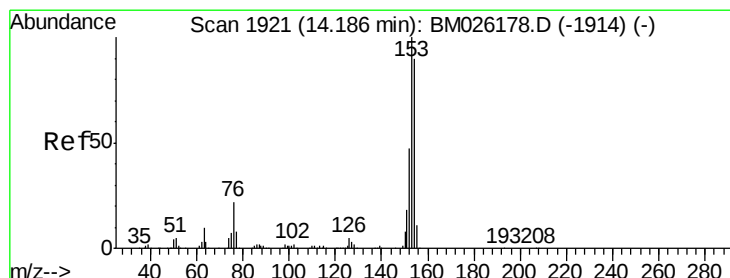
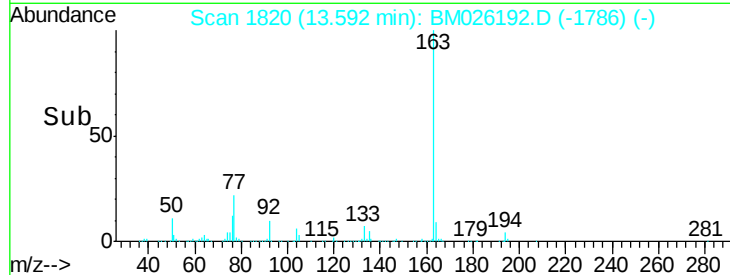
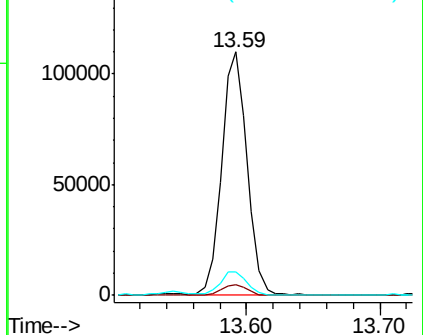
#45
Dimethylphthalate
Concen: 4.387 ng/ul
RT: 13.59 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BM026192.D
Acq: 30 May 2020 03:47

Instrument :
BNA_M
ClientSampleId :
CB640

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.7	8.0	12.0

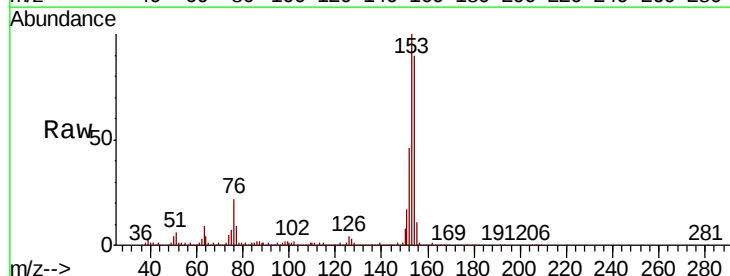


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

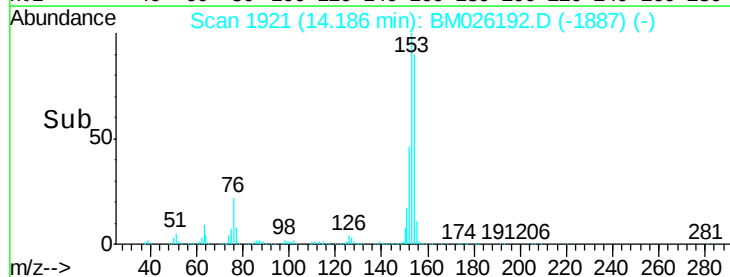
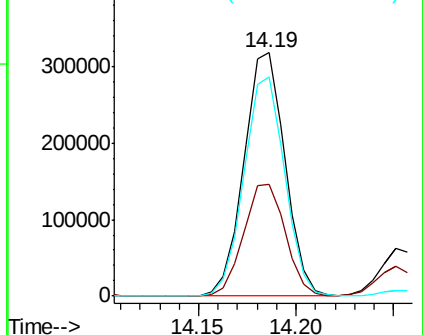


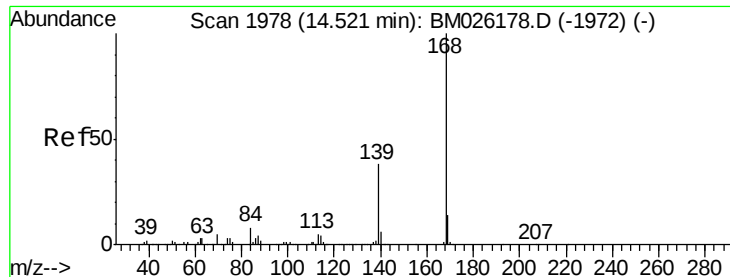
#50
Acenaphthene
Concen: 15.977 ng/ul
RT: 14.19 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BM026192.D
Acq: 30 May 2020 03:47

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.9	37.2	55.8
154	90.3	69.8	104.8



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 6.510 ng/ul

RT: 14.52 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BM026192.D

Acq: 30 May 2020 03:47

Instrument :

BNA_M

ClientSampleId :

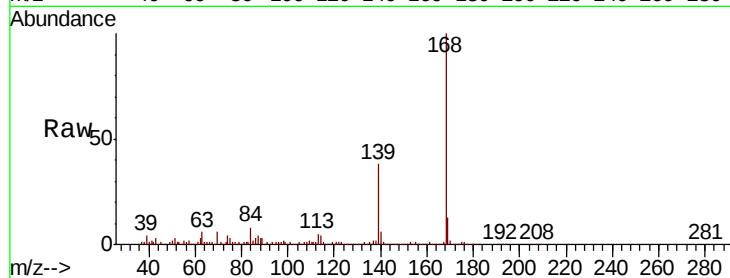
CB640

Tot Ion:168 Resp: 265989

Ion Ratio Lower Upper

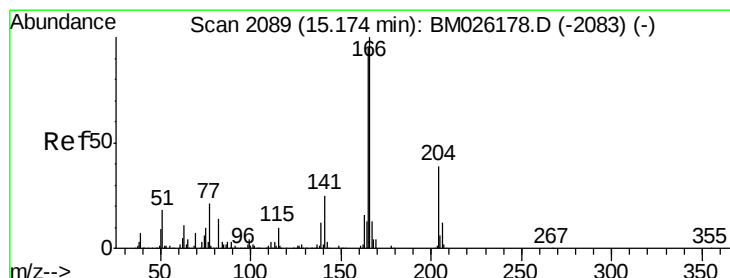
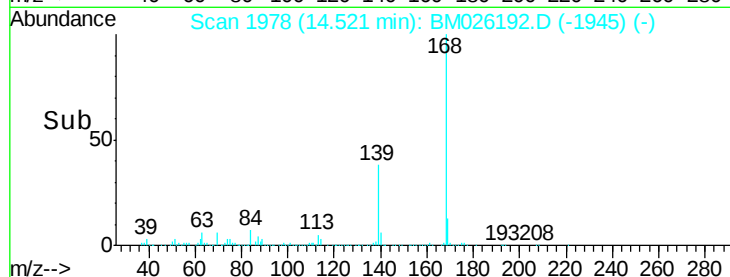
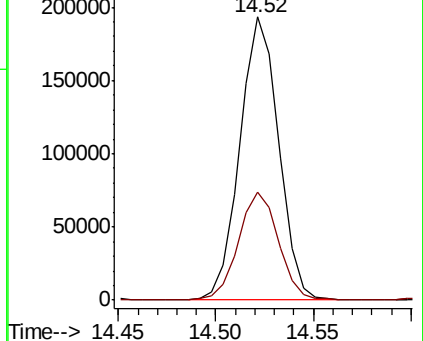
168 100

139 38.3 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 10.181 ng/ul

RT: 15.17 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BM026192.D

Acq: 30 May 2020 03:47

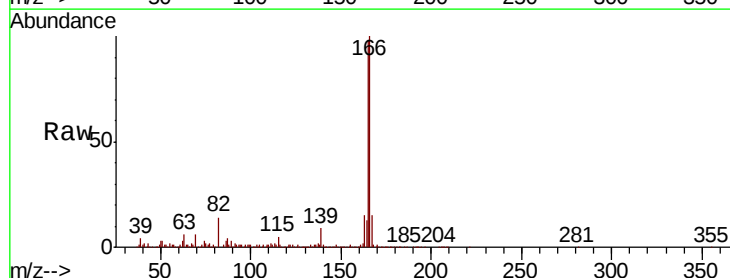
Tgt Ion:166 Resp: 336502

Ion Ratio Lower Upper

166 100

165 98.2 77.3 115.9

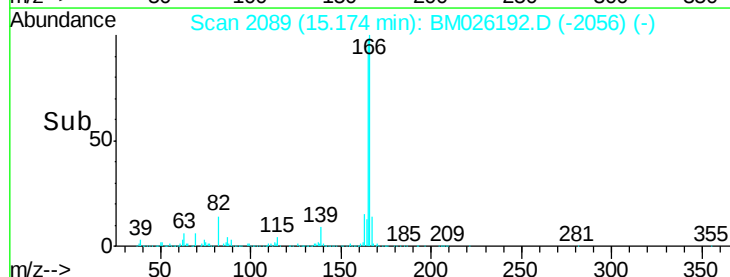
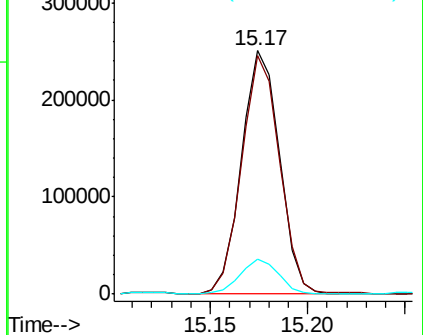
167 14.5 10.6 16.0

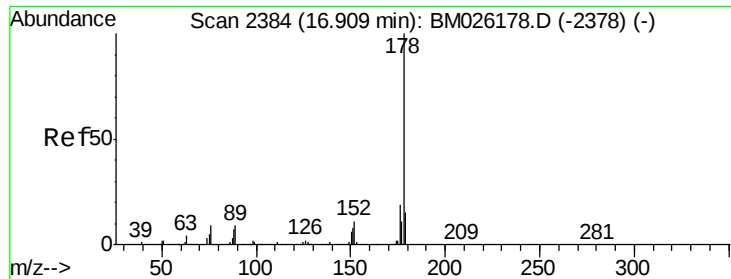


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 13.182 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM026192.D

Acq: 30 May 2020 03:47

Instrument :

BNA_M

ClientSampleId :

CB640

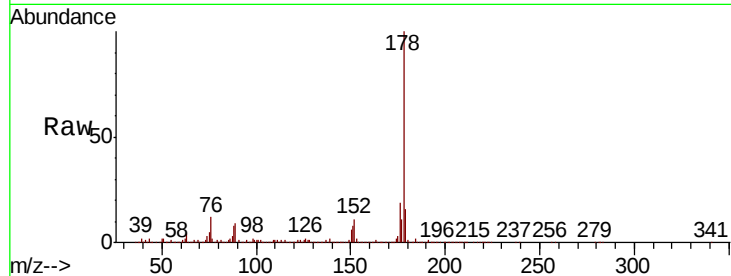
Tot Ion:178 Resp: 685132

Ion Ratio Lower Upper

178 100

179 15.8 11.9 17.9

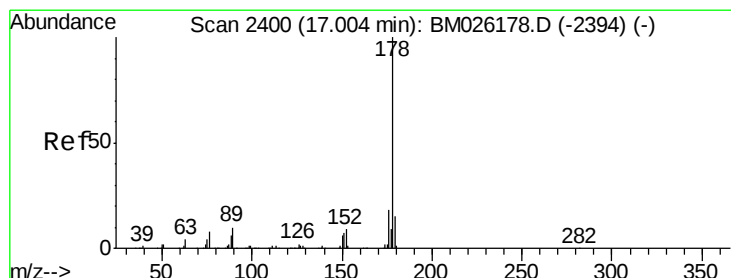
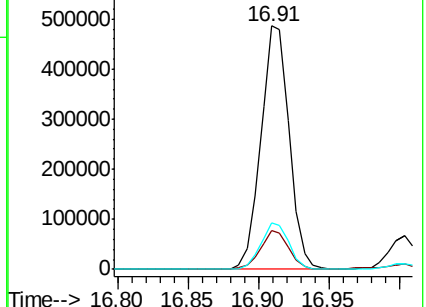
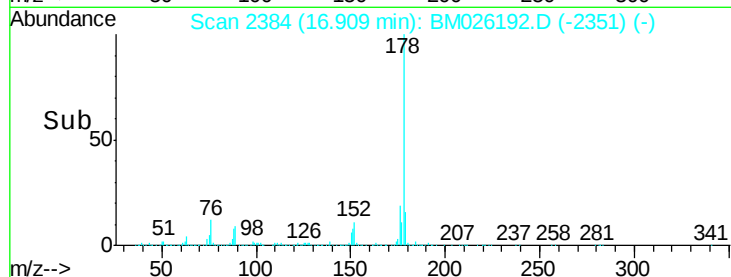
176 19.2 14.9 22.3



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: 1.700 ng/ul

RT: 17.00 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM026192.D

Acq: 30 May 2020 03:47

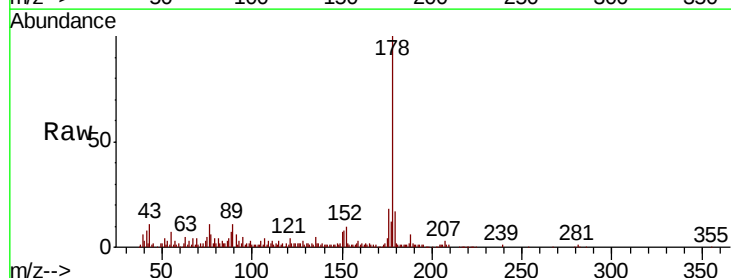
Tgt Ion:178 Resp: 88669

Ion Ratio Lower Upper

178 100

179 17.4 12.2 18.4

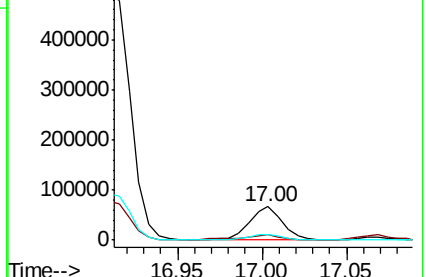
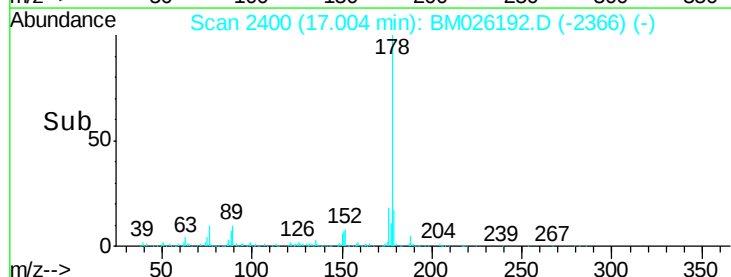
176 18.4 14.9 22.3

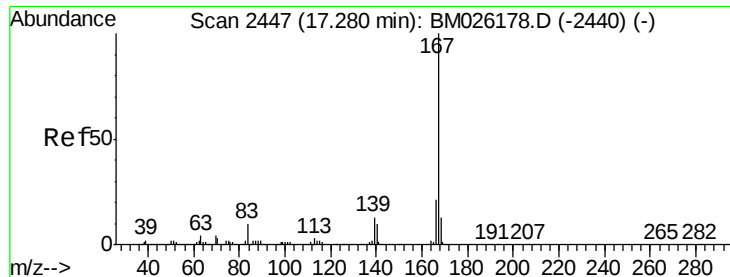


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 7.690 ng/ul

RT: 17.28 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BM026192.D

Acq: 30 May 2020 03:47

Instrument :

BNA_M

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CB640

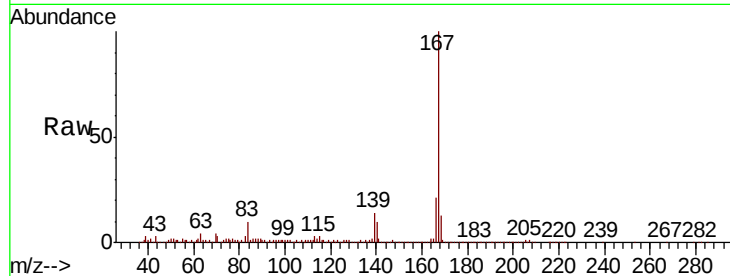
Tot Ion:167 Resp: 331728

Ion Ratio Lower Upper

167 100

166 21.4 16.6 25.0

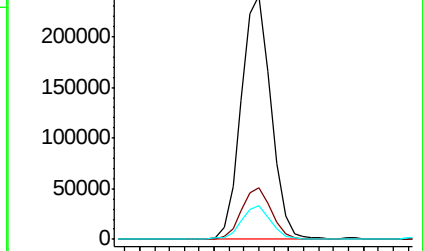
139 13.6 10.8 16.2



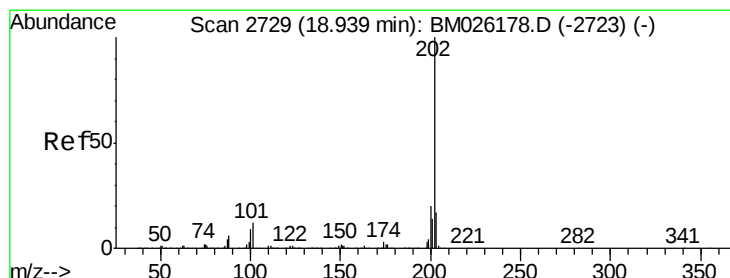
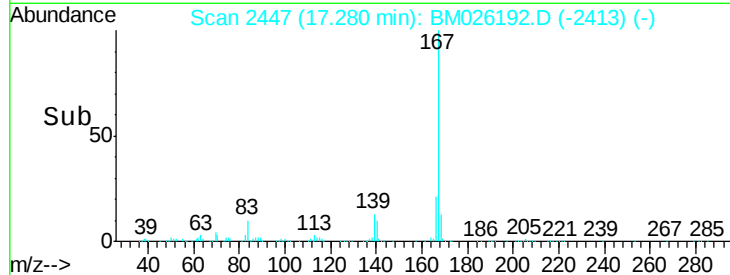
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#77

Fluoranthene

Concen: 3.356 ng/ul

RT: 18.93 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM026192.D

Acq: 30 May 2020 03:47

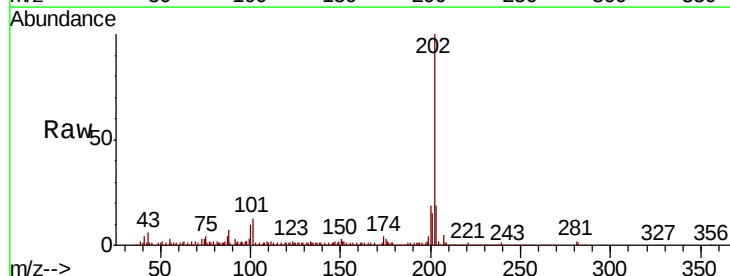
Tgt Ion:202 Resp: 182963

Ion Ratio Lower Upper

202 100

101 13.2 9.5 14.3

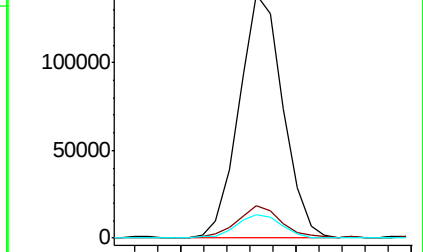
100 9.6 7.6 11.4



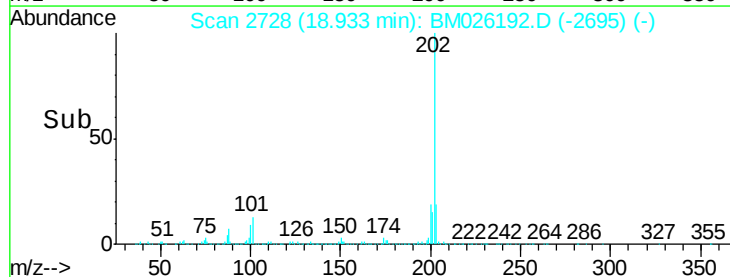
Abundance Ion 202.00 (201.70 to 202.70): E

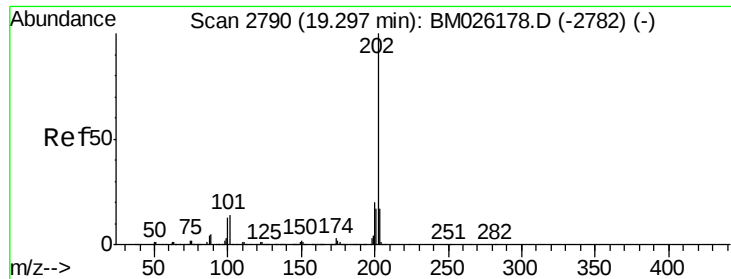
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->

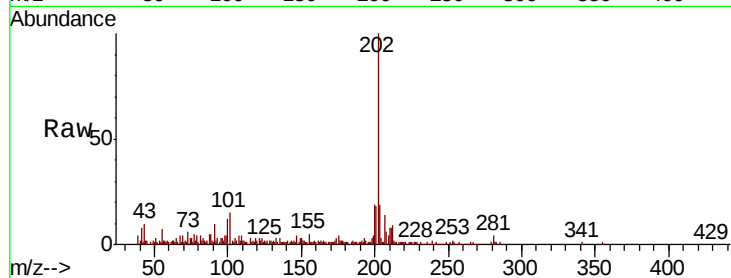




#80
 Pvrene
 Concen: 1.636 ng/ul
 RT: 19.30 min Scan# 2790
 Delta R.T. -0.01 min
 Lab File: BM026192.D
 Acq: 30 May 2020 03:47

Instrument :
 BNA_M
 ClientSampleId :
 CB640

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.2	18.4
100	11.9	10.2	15.4



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

