

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012316\
 Data File : BM004121.D
 Acq On : 22 Jan 2016 21:49
 Operator : SJ/UM
 Sample : H1174-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9K0

Quant Time: Jan 23 02:40:54 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 23 02:35:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	18082	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	89030	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	57699	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	144464	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	197269	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	219283	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	1275	3.73	ng/uL	0.00
5) Phenol-d5	6.84	99	30125	17.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	18947	20.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	26409	19.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	26402	17.44	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	12321	18.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	13071	17.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	25129	18.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	41583	24.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	104822	21.12	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	126402	21.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	12453	12.53	ng/ul	0.00
58) Fluorene-d10	15.32	176	98577	23.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	9010	10.12	ng/ul	0.00
71) Anthracene-d10	17.17	188	164733	23.44	ng/ul	0.00
79) Pyrene-d10	19.47	212	207134	23.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	273284	23.89	ng/ul	0.00

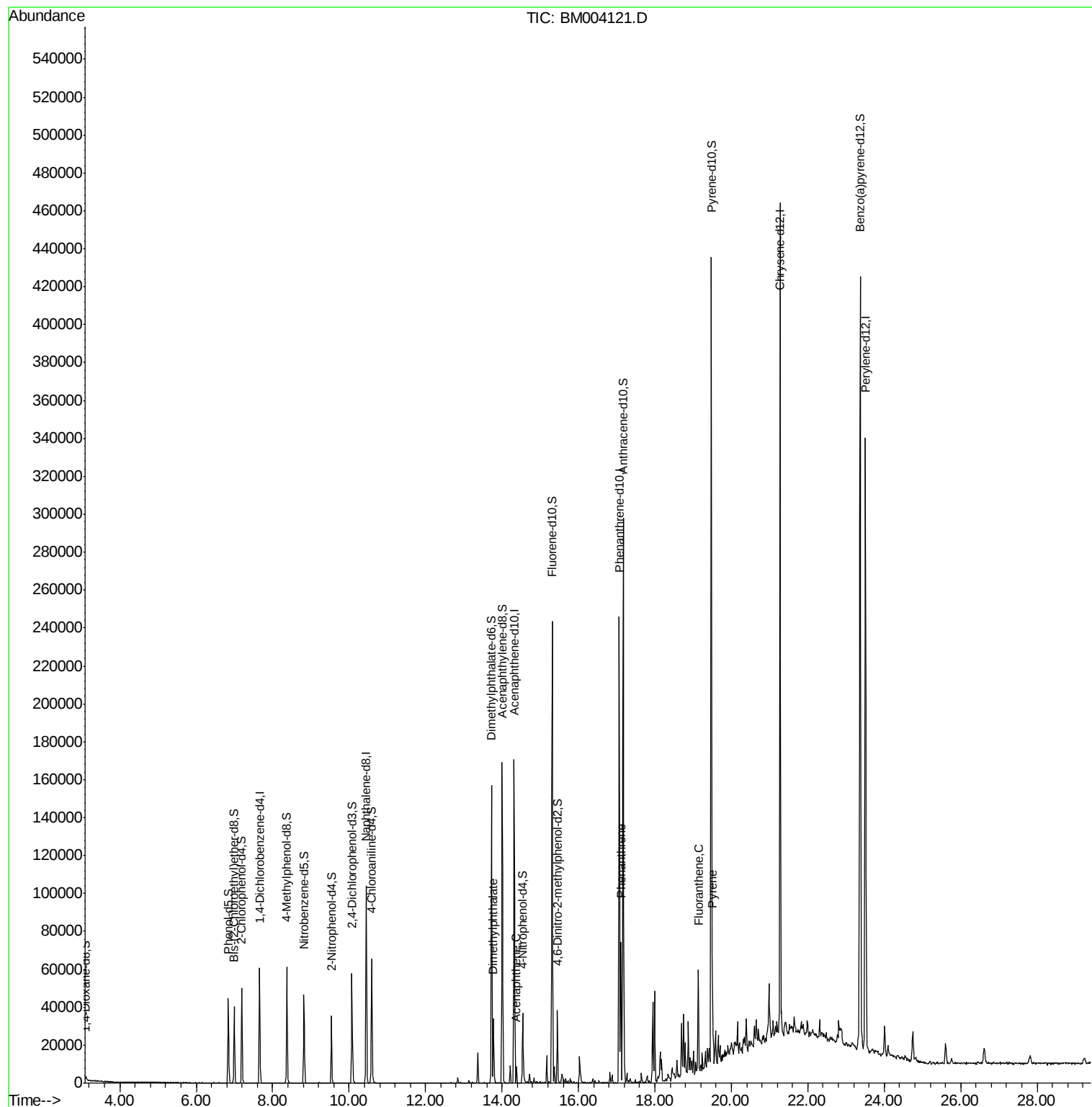
Target Compounds						Qvalue
45) Dimethylphthalate	13.77	163	22792	4.36	ng/ul	100
50) Acenaphthene	14.38	153	4348	1.01	ng/ul	95
70) Phenanthrene	17.11	178	45050	5.11	ng/ul	99
77) Fluoranthene	19.14	202	31202	3.04	ng/ul	99
80) Pyrene	19.50	202	34614	2.85	ng/ul	99

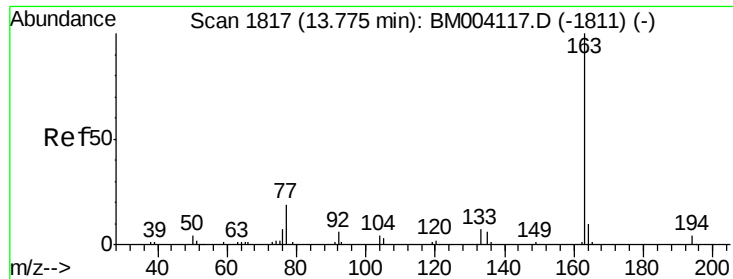
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 4.36 ng/ul

RT: 13.77 min Scan# 1817

Delta R.T. -0.00 min

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BNA_M

ClientSampleId :

BC9K0

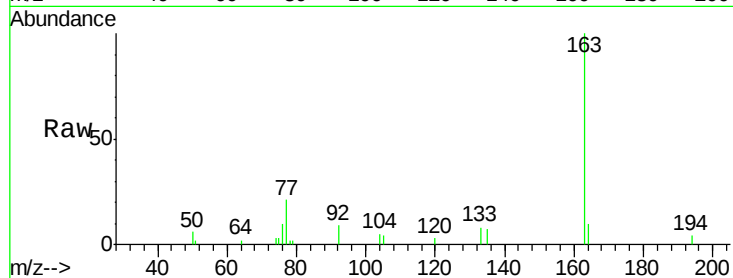
Tgt Ion:163 Resp: 22792

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

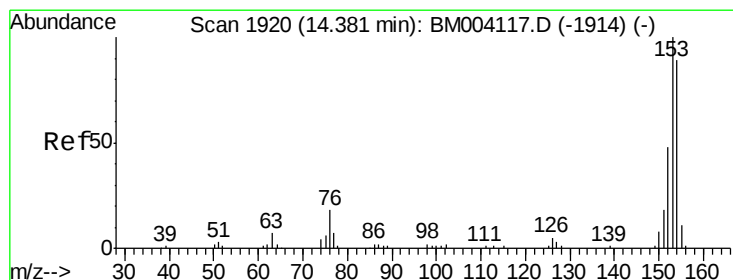
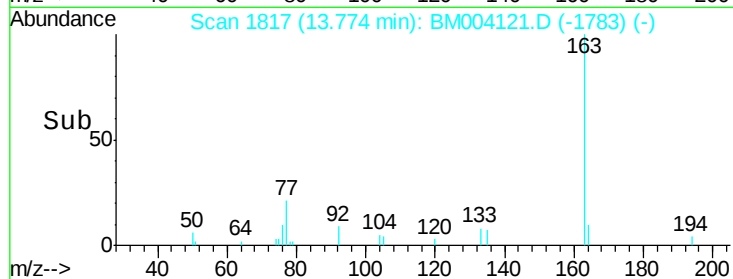
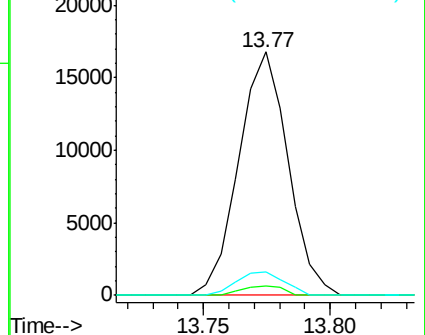
164 9.6 7.8 11.8



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: 1.01 ng/ul

RT: 14.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM004121.D

Acq: 22 Jan 2016 21:49

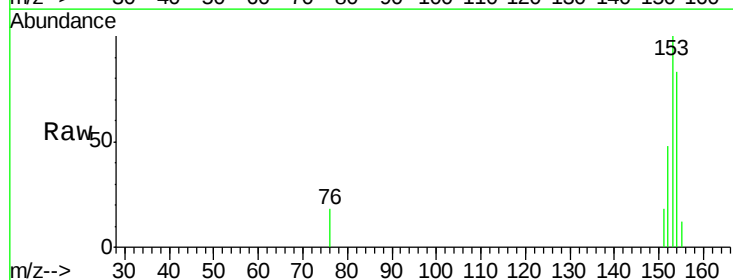
Tgt Ion:153 Resp: 4348

Ion Ratio Lower Upper

153 100

152 47.6 38.3 57.5

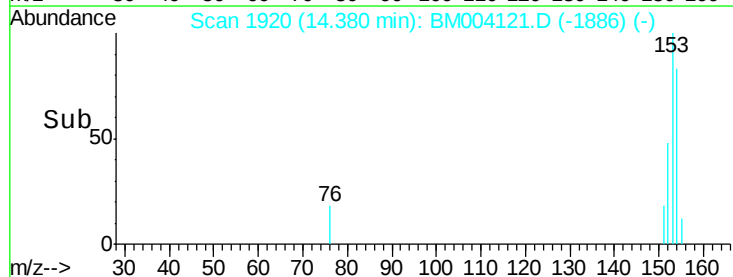
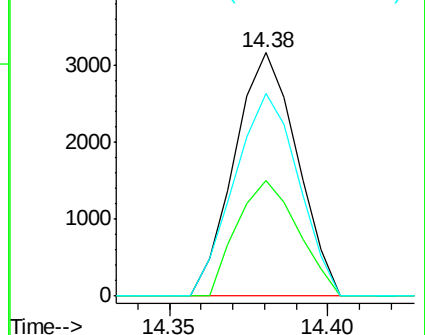
154 83.4 71.8 107.8

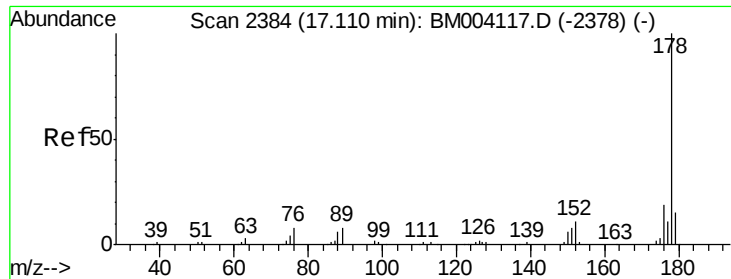


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#70

Phenanthrene

Concen: 5.11 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.00 min

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Instrument :

BNA_M

ClientSampleId :

BC9K0

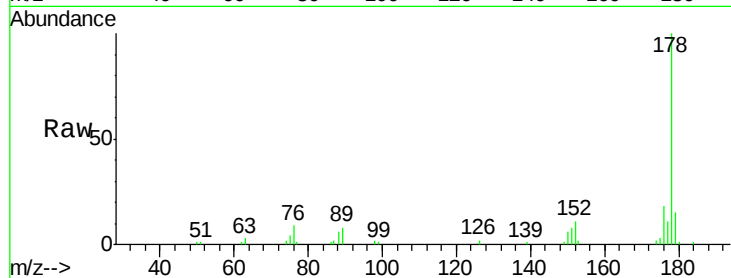
Tgt Ion:178 Resp: 45050

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

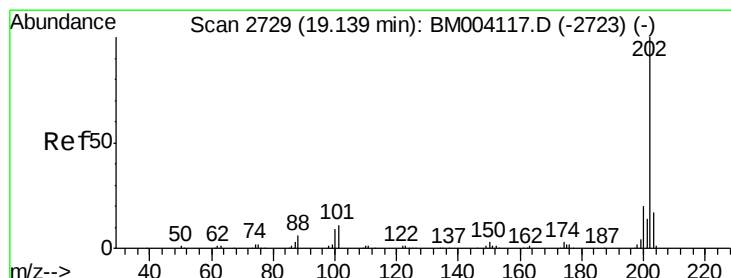
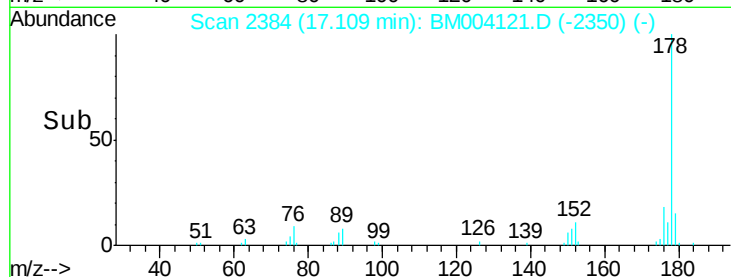
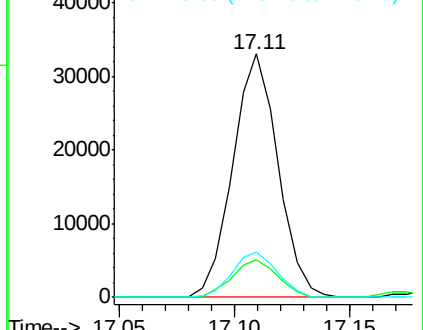
176 18.4 15.6 23.4



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: 3.04 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM004121.D

Acq: 22 Jan 2016 21:49

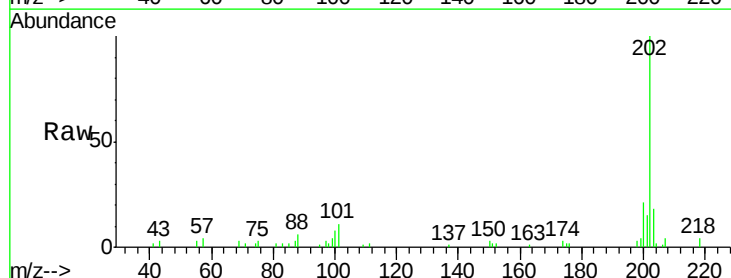
Tgt Ion:202 Resp: 31202

Ion Ratio Lower Upper

202 100

101 11.0 8.8 13.2

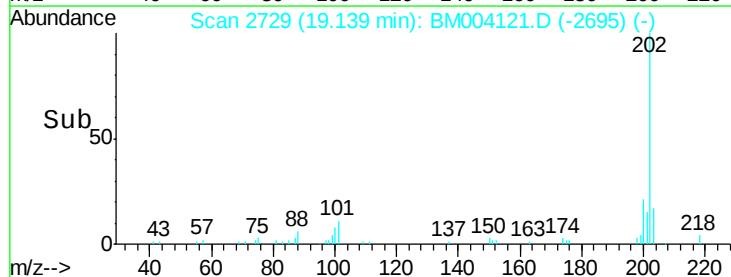
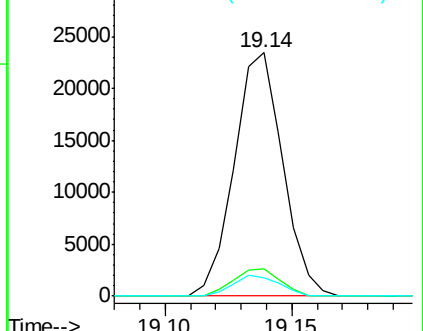
100 7.7 6.6 9.8

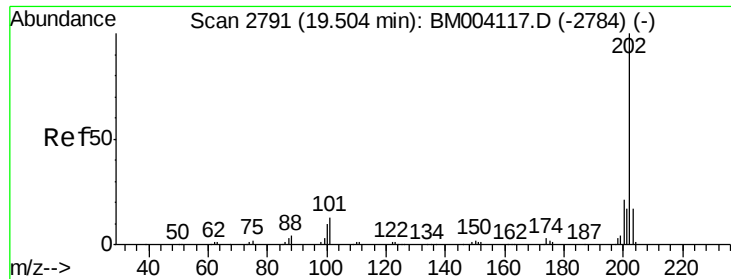


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

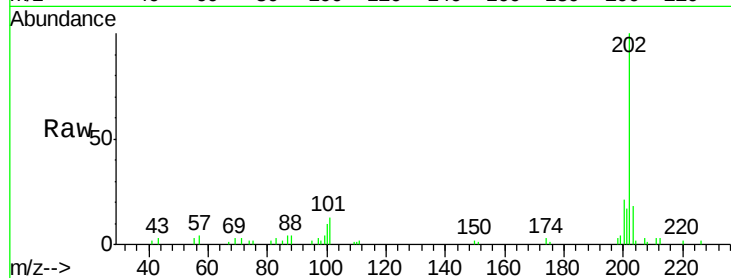




#80
 Pyrene
 Concen: 2.85 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. -0.00 min
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Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.2	15.2
100	10.4	8.5	12.7



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

