

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
 Data File : BM028429.D
 Acq On : 18 Jan 2021 17:31
 Operator : CG/JU
 Sample : M1099-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F1C09

Quant Time: Jan 18 23:55:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 18 10:13:28 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	32578	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	126344	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	67301	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	124517	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	109842	20.00	ng/ul	0.00
86) Perylene-d12	23.90	264	112485	20.00	ng/ul	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	4946	6.40	ng/uL	0.00
5) Phenol-d5	7.24	99	95189	34.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	59209	34.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	82476	34.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	77000	34.28	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	36614	33.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	39734	33.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	71659	33.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	98241	39.23	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	193000	36.11	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	247455	36.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	28289	28.26	ng/ul	0.00
58) Fluorene-d10	15.71	176	158485	34.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	17721	20.68	ng/ul	0.00
71) Anthracene-d10	17.55	188	228371	35.62	ng/ul	0.00
79) Pyrene-d10	19.82	212	231068	36.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.75	264	235927	36.96	ng/ul	0.01

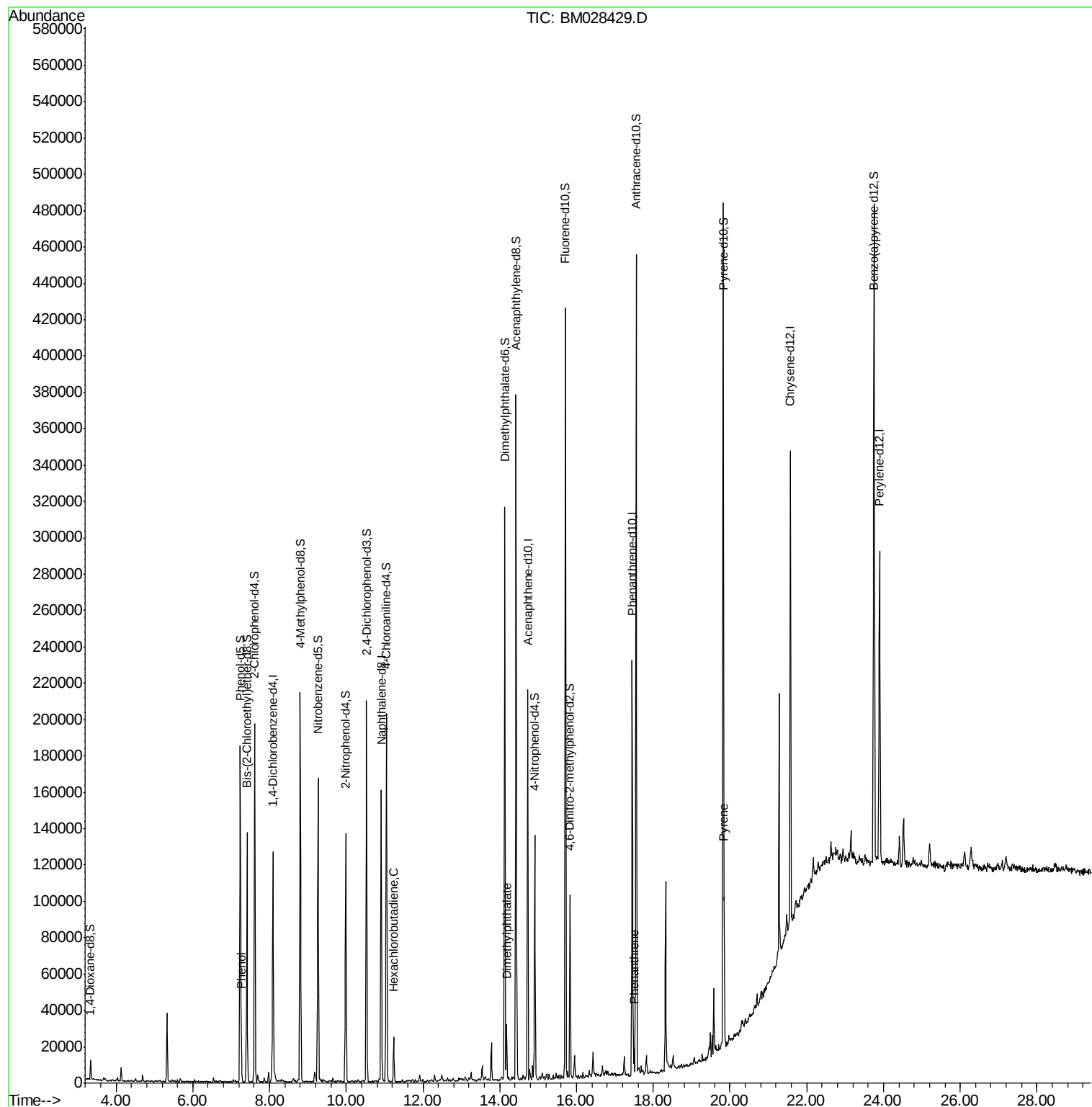
Target Compounds					Ovalue	
6) Phenol	7.27	94	8274	2.990	ng/ul	93
31) Hexachlorobutadiene	11.24	225	5189	3.847	ng/ul	91
45) Dimethylphthalate	14.17	163	16038	2.961	ng/ul	99
70) Phenanthrene	17.49	178	8307	1.080	ng/ul	98
80) Pyrene	19.84	202	15696	1.847	ng/ul#	92

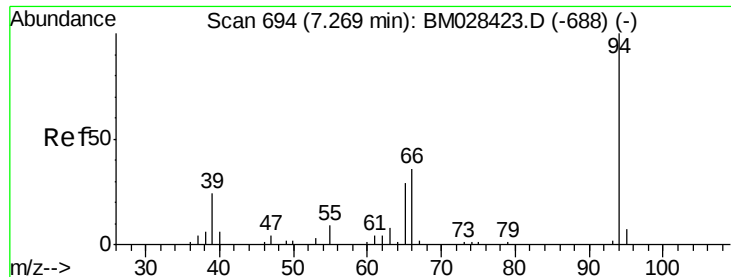
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.990 ng/ul

RT: 7.27 min Scan# 694

Delta R.T. 0.01 min

Lab File: BM028429.D

Acq: 18 Jan 2021 17:31

Instrument :

BNA_M

ClientSampleId :

F1C09

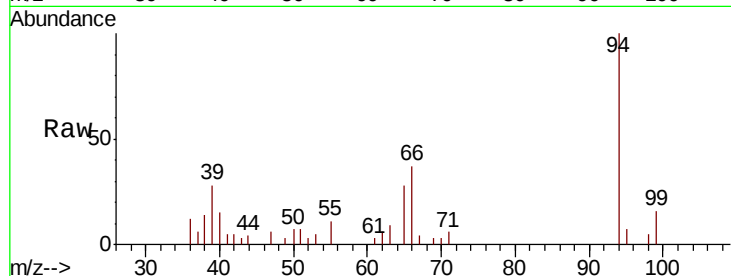
Tot Ion: 94 Resp: 8274

Ion Ratio Lower Upper

94 100

65 27.6 25.6 38.4

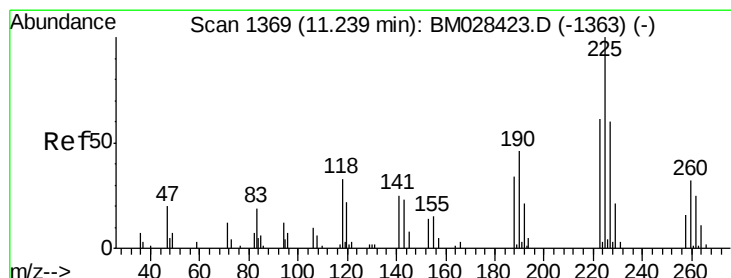
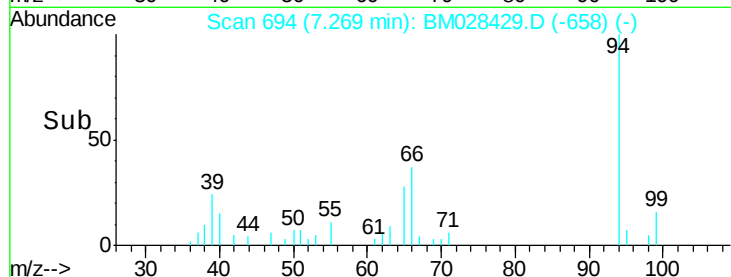
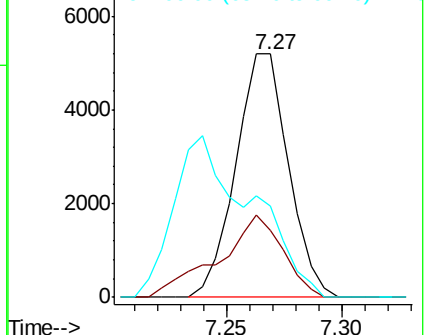
66 37.3 33.0 49.4



Abundance Ion 94.00 (93.70 to 94.70): BM028423.D (-688) (-)

Ion 65.00 (64.70 to 65.70): BM028423.D (-688) (-)

Ion 66.00 (65.70 to 66.70): BM028423.D (-688) (-)



#31

Hexachlorobutadiene

Concen: 3.847 ng/ul

RT: 11.24 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BM028429.D

Acq: 18 Jan 2021 17:31

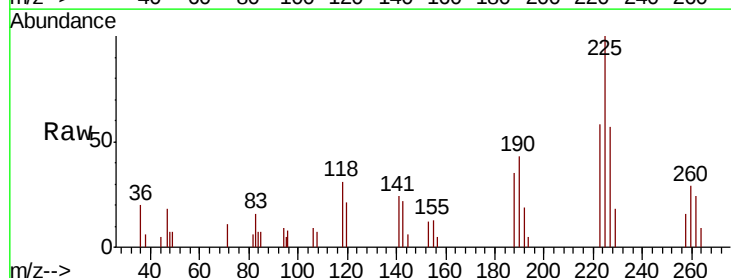
Tgt Ion: 225 Resp: 5189

Ion Ratio Lower Upper

225 100

223 58.2 50.8 76.2

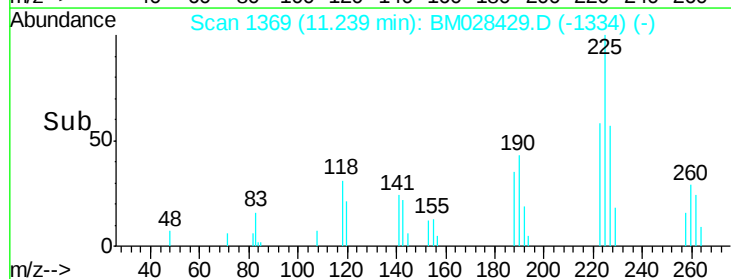
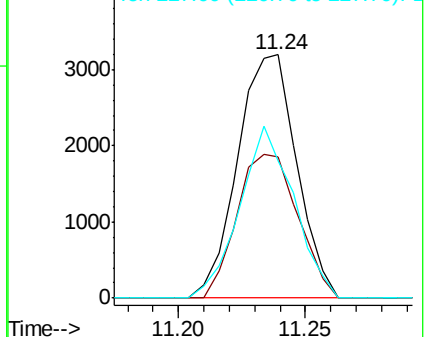
227 56.6 51.8 77.8

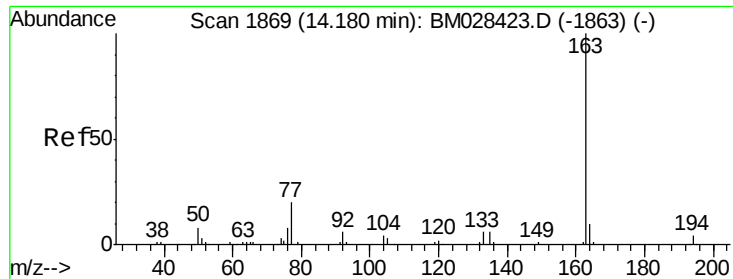


Abundance Ion 225.00 (224.70 to 225.70): BM028423.D (-1363) (-)

Ion 223.00 (222.70 to 223.70): BM028423.D (-1363) (-)

Ion 227.00 (226.70 to 227.70): BM028423.D (-1363) (-)





#45

Dimethylphthalate

Concen: 2.961 ng/ul

RT: 14.17 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BM028429.D

Acq: 18 Jan 2021 17:31

Instrument :

BNA_M

ClientSampleId :

F1C09

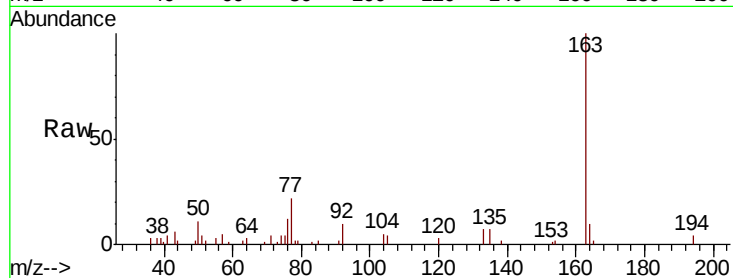
Tot Ion:163 Resp: 16038

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

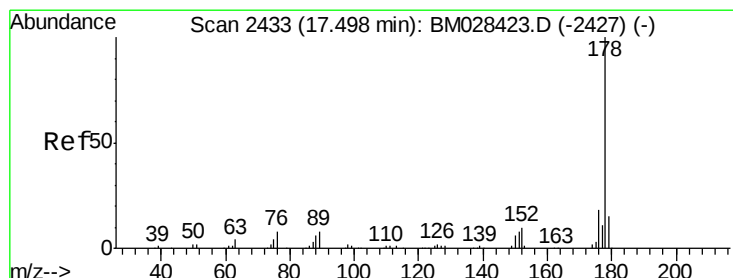
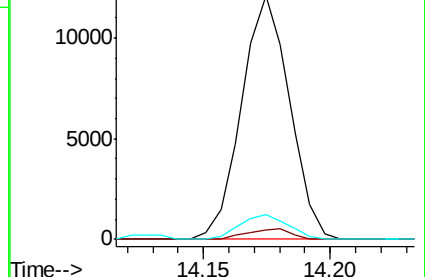
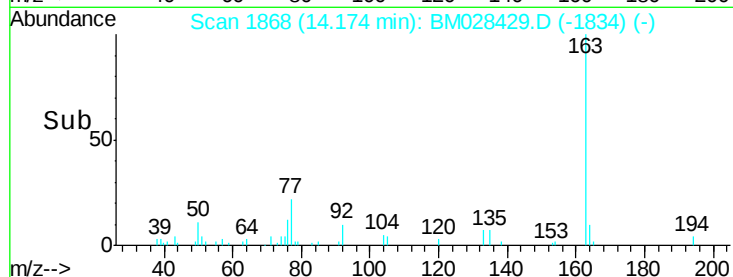
164 10.3 8.2 12.2



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: 1.080 ng/ul

RT: 17.49 min Scan# 2432

Delta R.T. -0.00 min

Lab File: BM028429.D

Acq: 18 Jan 2021 17:31

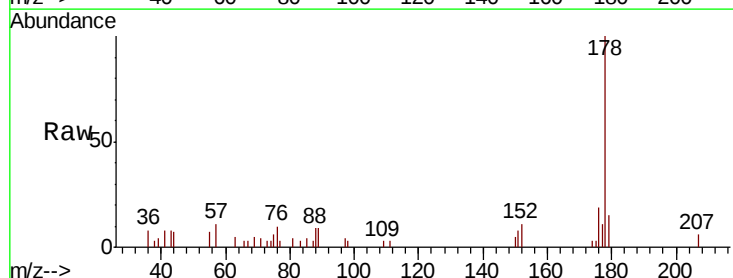
Tgt Ion:178 Resp: 8307

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

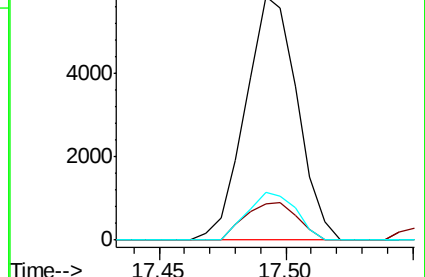
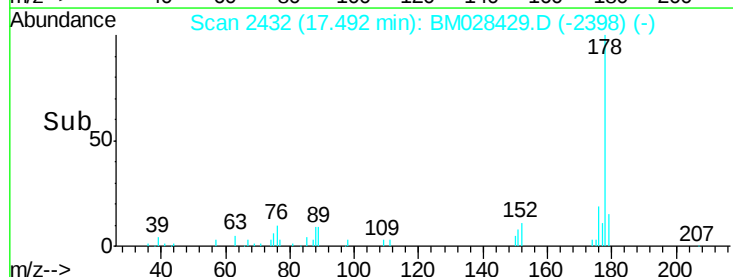
176 19.5 14.6 22.0

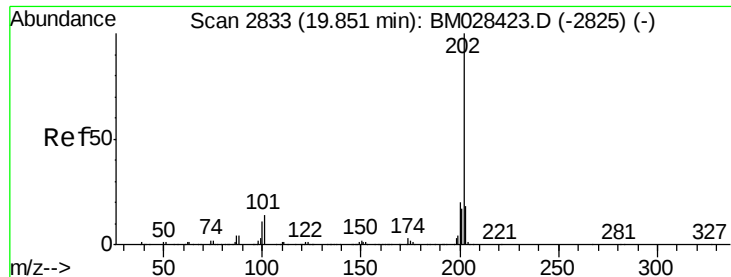


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#80

Pvrene

Concen: 1.847 ng/ul

RT: 19.84 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM028429.D

Acq: 18 Jan 2021 17:31

Instrument :

BNA_M

ClientSampleId :

F1C09

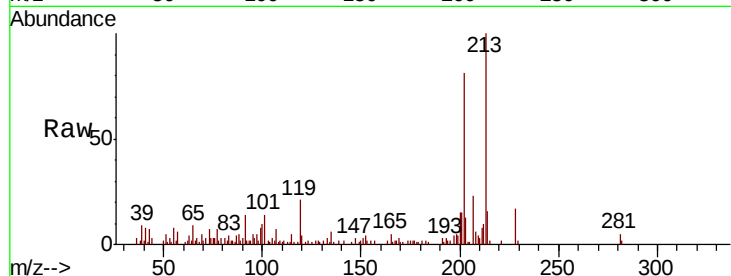
Tot Ion:202 Resp: 15696

Ion Ratio Lower Upper

202 100

101 17.3 10.6 15.8#

100 12.9 8.9 13.3



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

