

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121915\
 Data File : BM003628.D
 Acq On : 19 Dec 2015 20:08
 Operator : UM/SJ
 Sample : G4801-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9C69

Quant Time: Jan 08 12:28:19 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 01:33:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	42693	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	197770	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	124798	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	284931	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	345122	20.00	ng/ul	0.00
86) Perylene-d12	23.55	264	340611	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	4493	5.67	ng/uL	0.00
5) Phenol-d5	6.87	99	97233	27.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	68076	35.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	87637	29.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	84843	27.22	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	46694	32.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	49982	30.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	86608	29.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	165589	42.21	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	290609	28.18	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	356884	30.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	56083	27.91	ng/ul	0.00
58) Fluorene-d10	15.35	176	255490	29.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	32563	20.28	ng/ul	0.00
71) Anthracene-d10	17.20	188	405272	31.26	ng/ul	0.00
79) Pyrene-d10	19.50	212	467573	31.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	531722	31.43	ng/ul	0.00

Target Compounds

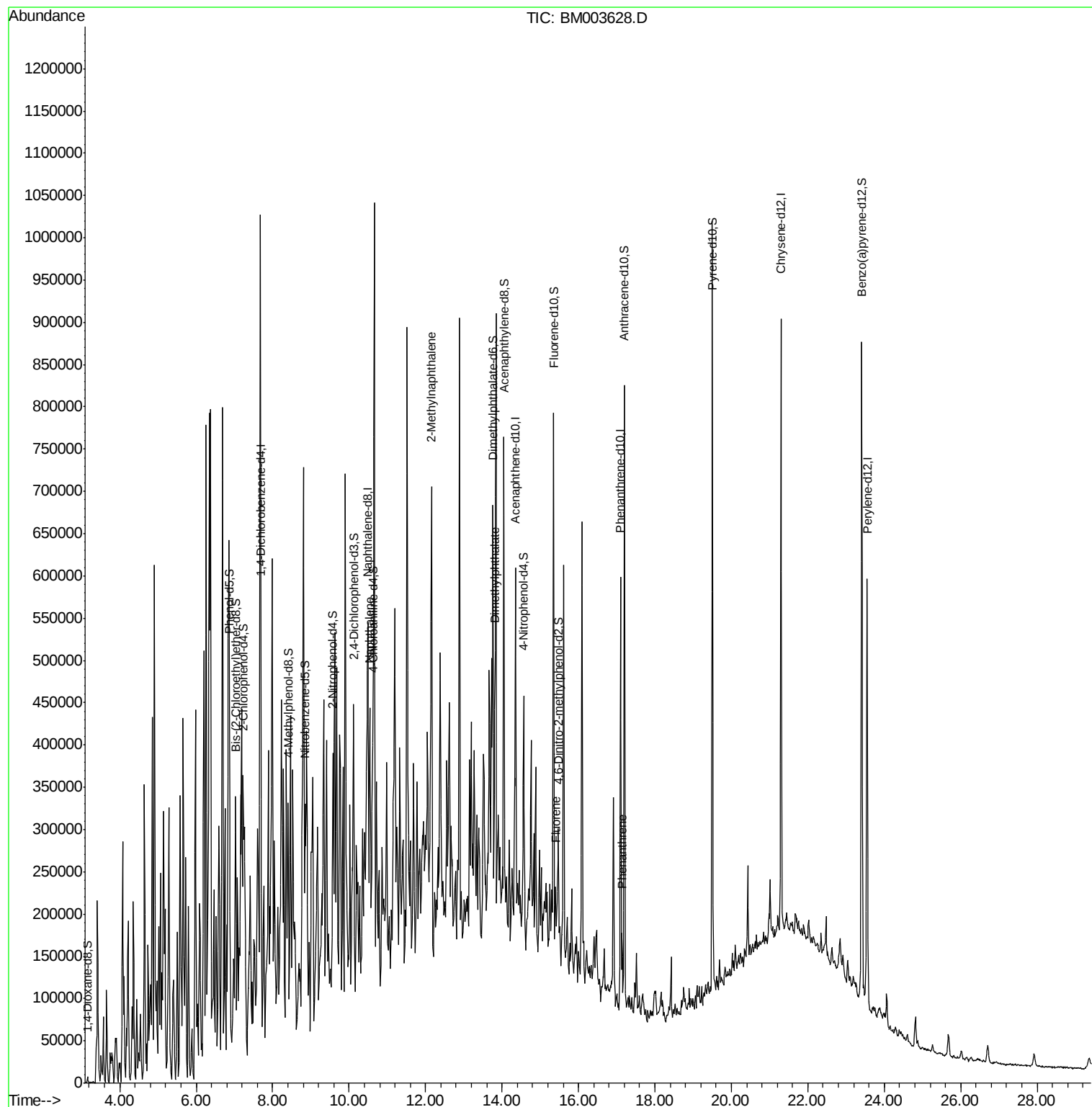
						Ovalue
28) Naphthalene	10.54	128	159151	15.62	ng/ul	96
34) 2-Methylnaphthalene	12.16	142	217858	28.63	ng/ul	100
45) Dimethylphthalate	13.81	163	128239	12.15	ng/ul	99
59) Fluorene	15.40	166	12897	1.31	ng/ul#	89
70) Phenanthrene	17.14	178	48281	3.06	ng/ul	98

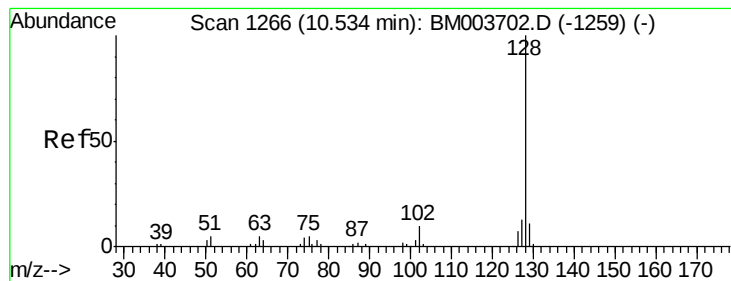
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 15.62 ng/ul

RT: 10.54 min Scan# 1267

Delta R.T. -0.00 min

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Acq: 19 Dec 2015 20:08

Instrument :

BNA_M

ClientSampleId :

G9C69

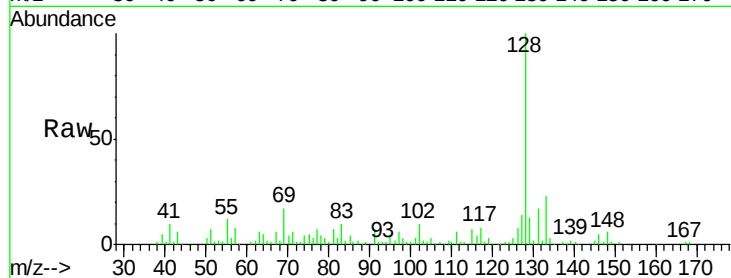
Tot Ion:128 Resp: 159151

Ion Ratio Lower Upper

128 100

129 12.9 8.8 13.2

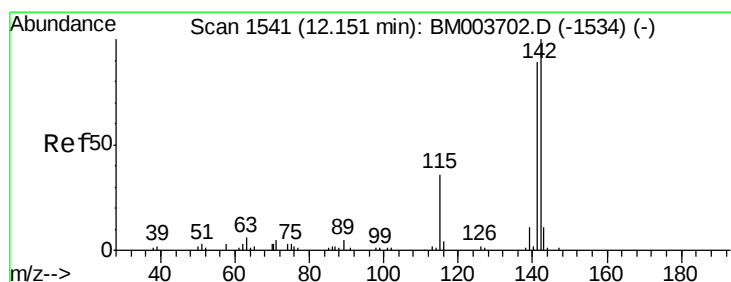
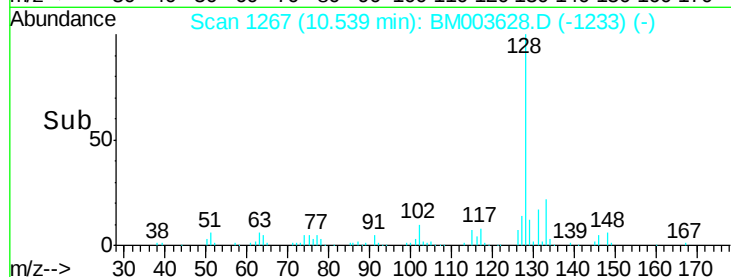
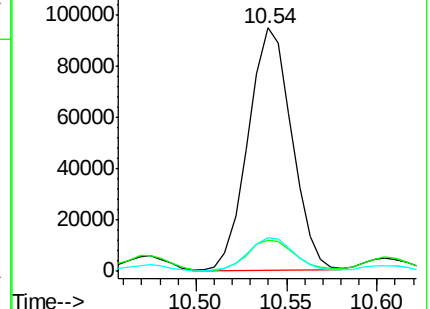
127 14.0 10.5 15.7



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: 28.63 ng/ul

RT: 12.16 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BM003628.D

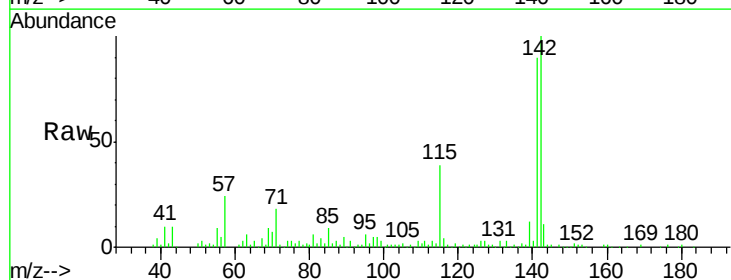
Acq: 19 Dec 2015 20:08

Tgt Ion:142 Resp: 217858

Ion Ratio Lower Upper

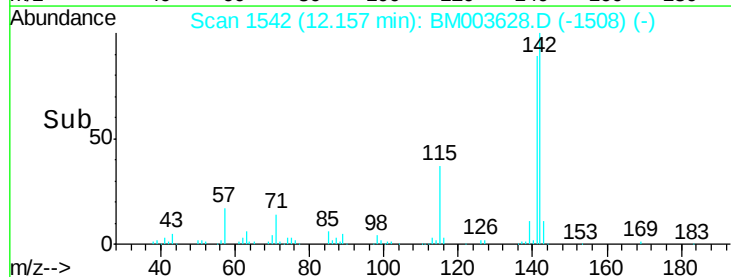
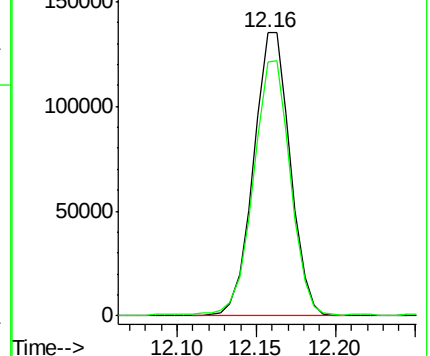
142 100

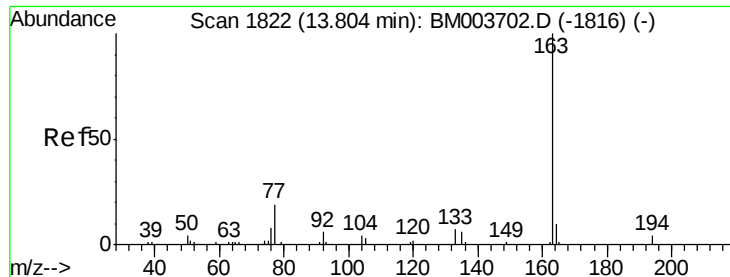
141 89.8 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#45

Dimethylphthalate

Concen: 12.15 ng/ul

RT: 13.81 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BM003628.D

Acq: 19 Dec 2015 20:08

Instrument :

BNA_M

ClientSampleId :

G9C69

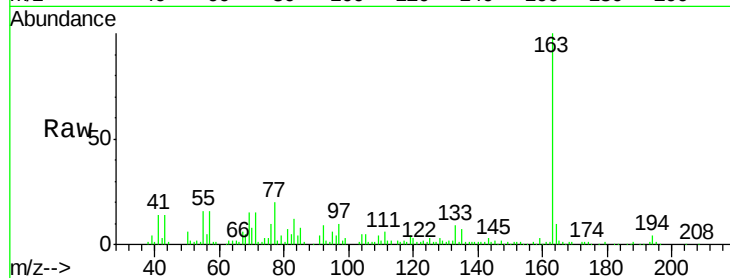
Tot Ion:163 Resp: 128239

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

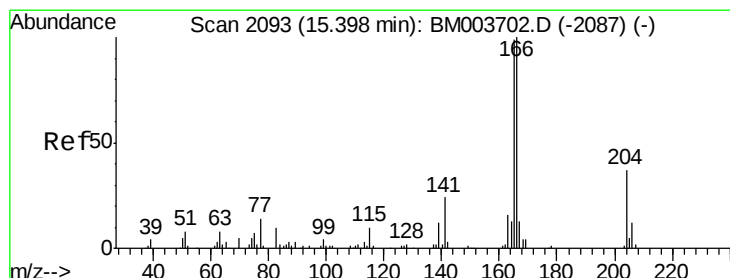
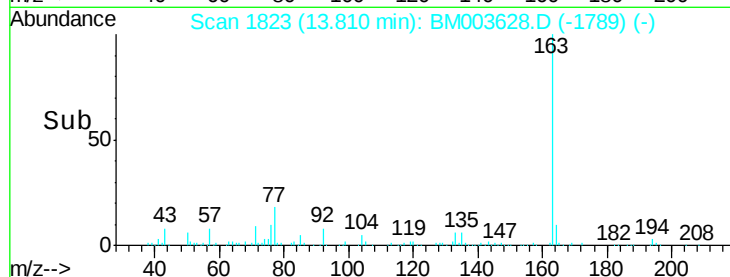
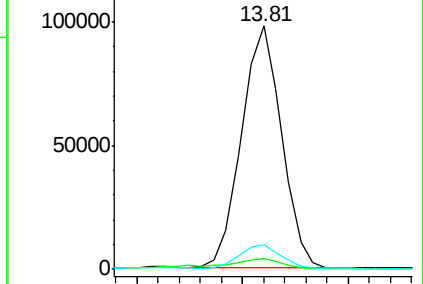
164 10.1 7.8 11.8



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



#59

Fluorene

Concen: 1.31 ng/ul

RT: 15.40 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BM003628.D

Acq: 19 Dec 2015 20:08

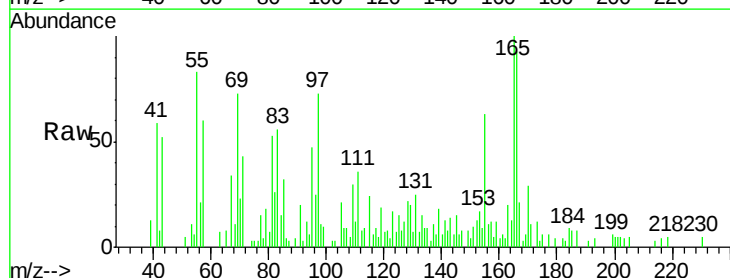
Tgt Ion:166 Resp: 12897

Ion Ratio Lower Upper

166 100

165 107.1 78.5 117.7

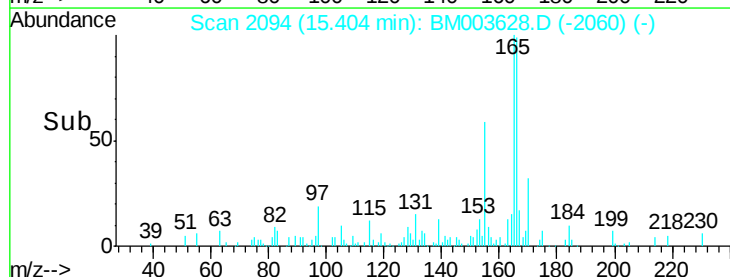
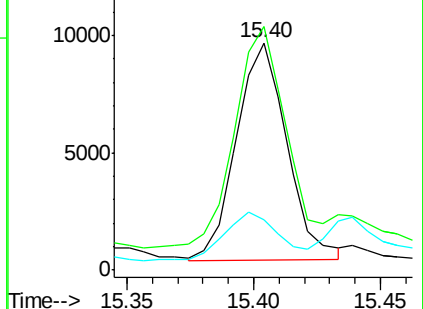
167 22.2 10.7 16.1#

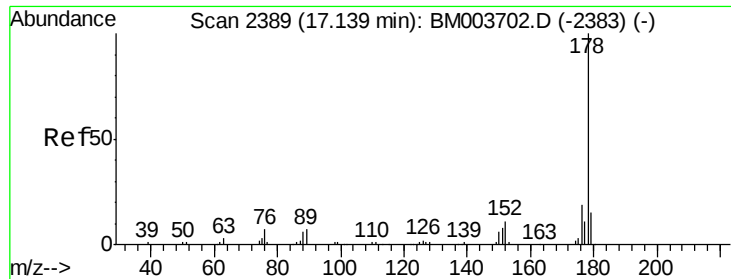


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 3.06 ng/ul

RT: 17.14 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BM003628.D

Acq: 19 Dec 2015 20:08

Instrument :

BNA_M

ClientSampleId :

G9C69

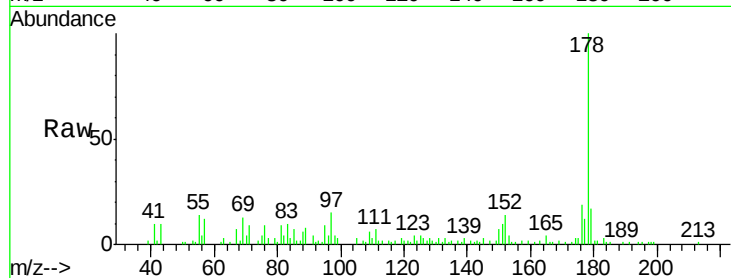
Tot Ion:178 Resp: 48281

Ion Ratio Lower Upper

178 100

179 17.2 12.2 18.4

176 19.1 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

