

Data File : BM018088.D
Acq On : 12 Dec 2018 09:53
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y14

Quant Time: Dec 17 05:56:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 12 06:24:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	181630	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	775419	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	451895	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	977053	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	836272	20.00	ng/ul	0.00
85) Perylene-d12	23.35	264	766307	20.00	ng/ul	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	13271	3.34	ng/uL	0.00
5) Phenol-d5	6.74	99	314353	18.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	310792	31.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	273051	21.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	202596	14.95	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	140717	23.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	129467	18.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	255797	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	246161	22.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	819827	20.91	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1072230	22.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	89793	12.60	ng/ul	0.02
57) Fluorene-d10	15.20	176	752297	22.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	16676	2.39	ng/ul	0.02
70) Anthracene-d10	17.06	188	1120588	23.04	ng/ul	0.00
78) Pyrene-d10	19.37	212	1142116	28.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.22	264	935325	22.51	ng/ul	0.01

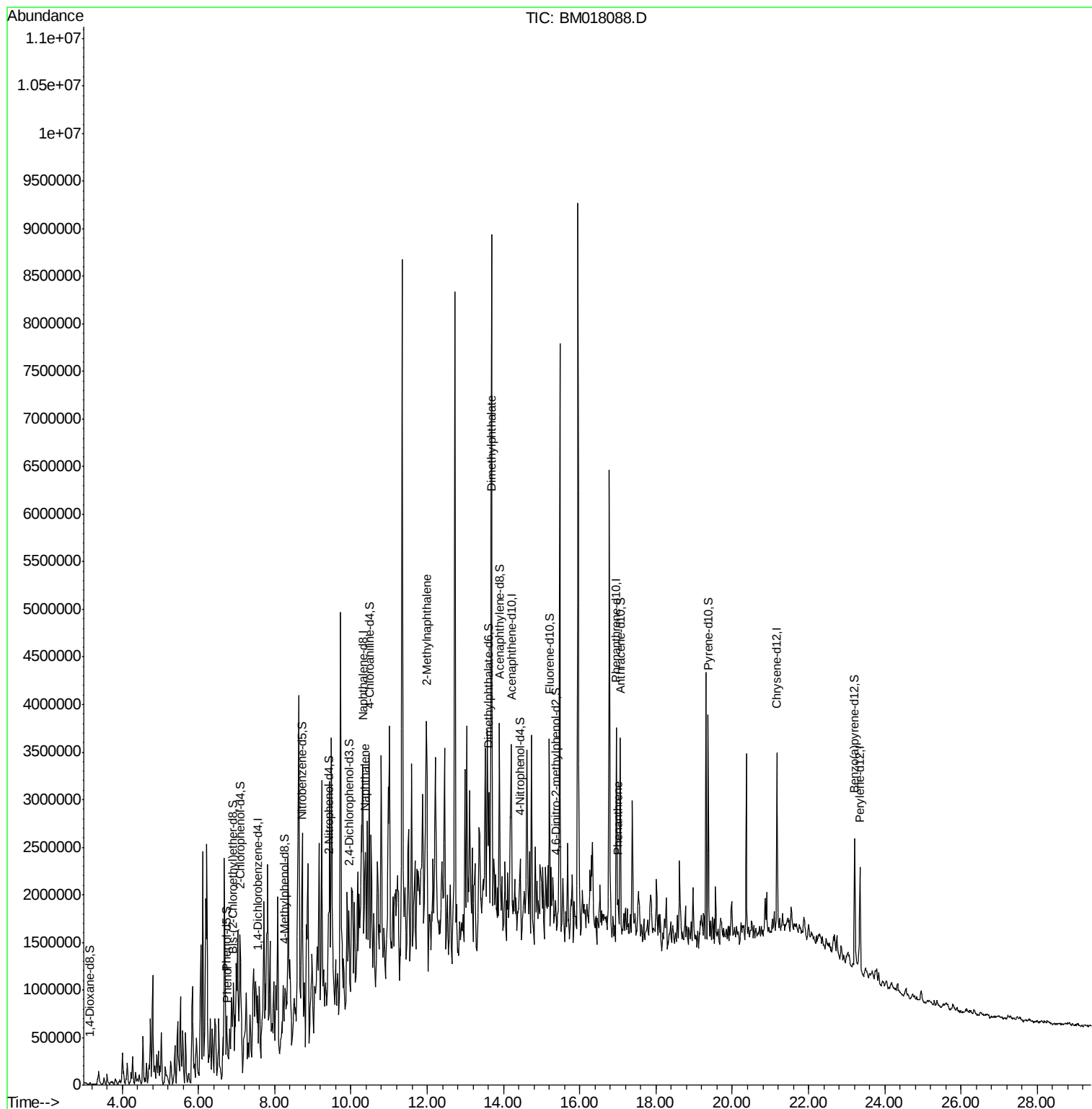
Target Compounds					Qvalue
6) Phenol	6.77	94	79753	4.817 ng/ul	96
28) Naphthalene	10.37	128	333566	8.256 ng/ul#	88
34) 2-Methylnaphthalene	11.99	142	1080768	35.835 ng/ul	98
44) Dimethylphthalate	13.67	163	332419	8.751 ng/ul	98
69) Phenanthrene	17.00	178	142446	2.549 ng/ul#	92

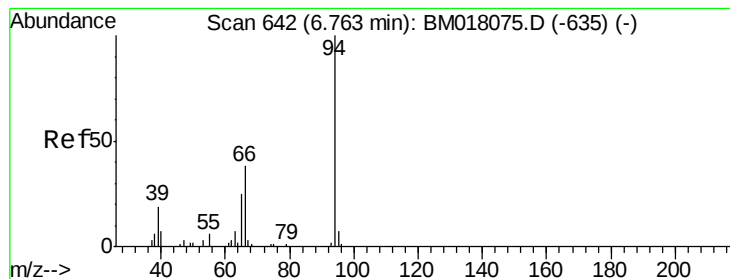
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.817 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. 0.01 min

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Acq: 12 Dec 2018 09:53

Instrument :

BNA_M

ClientSampleId :

F9Y14

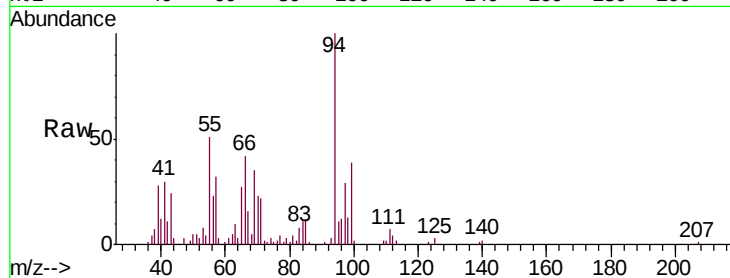
Tgt Ion: 94 Resp: 79753

Ion Ratio Lower Upper

94 100

65 27.1 24.7 37.1

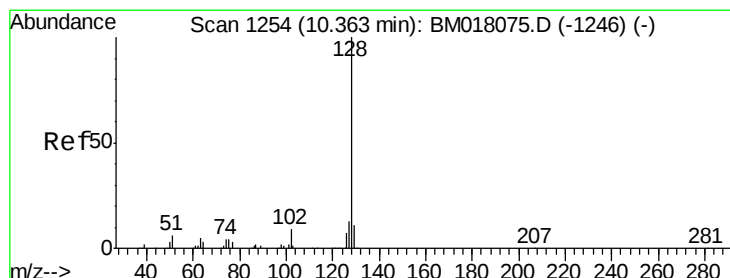
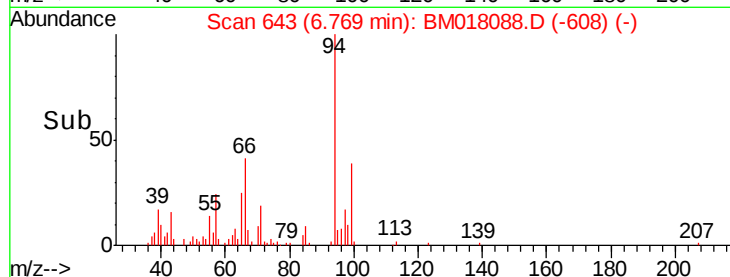
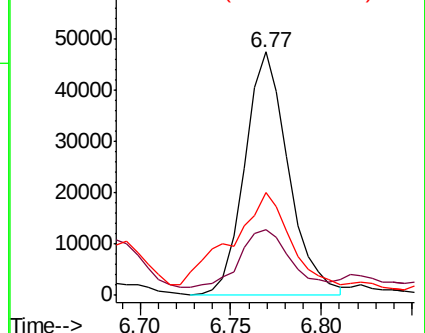
66 42.3 34.6 51.8



Abundance Ion 94.00 (93.70 to 94.70): BM018075.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM018075.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM018075.D (-635) (-)



#28

Naphthalene

Concen: 8.256 ng/ul

RT: 10.37 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BM018088.D

Acq: 12 Dec 2018 09:53

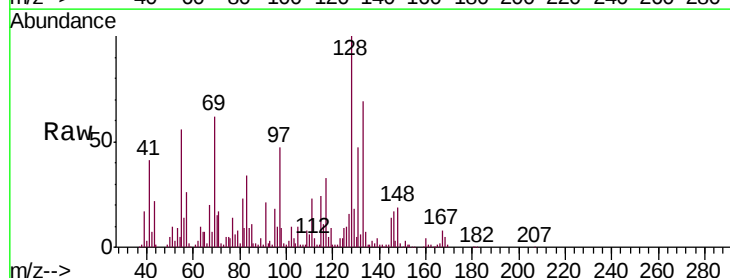
Tgt Ion: 128 Resp: 333566

Ion Ratio Lower Upper

128 100

129 17.9 8.6 12.8#

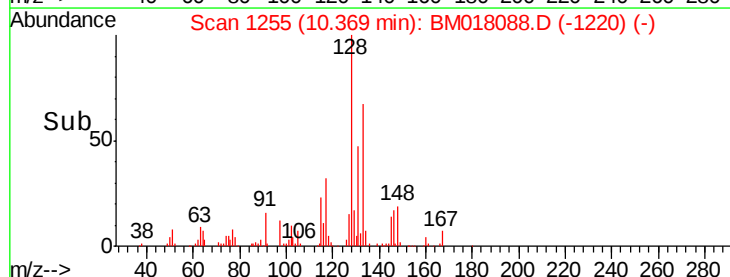
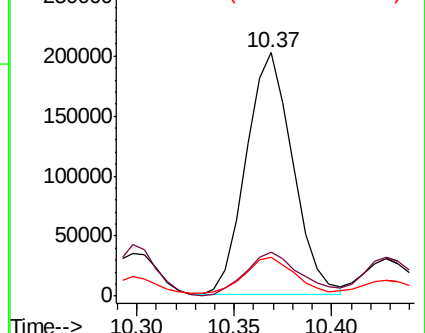
127 16.1 10.8 16.2

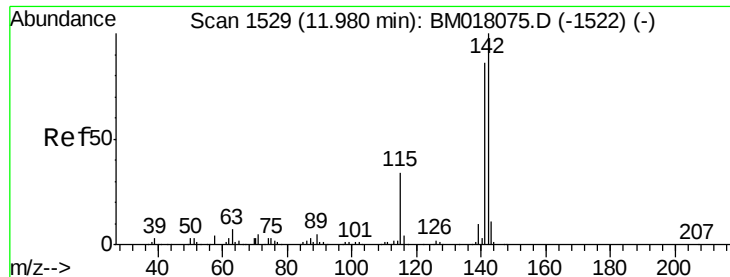


Abundance Ion 128.00 (127.70 to 128.70): BM018075.D (-1246) (-)

Ion 129.00 (128.70 to 129.70): BM018075.D (-1246) (-)

Ion 127.00 (126.70 to 127.70): BM018075.D (-1246) (-)

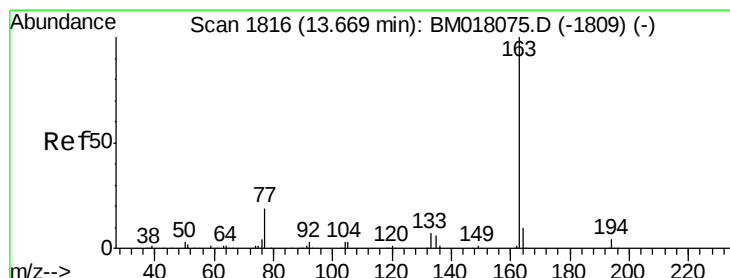
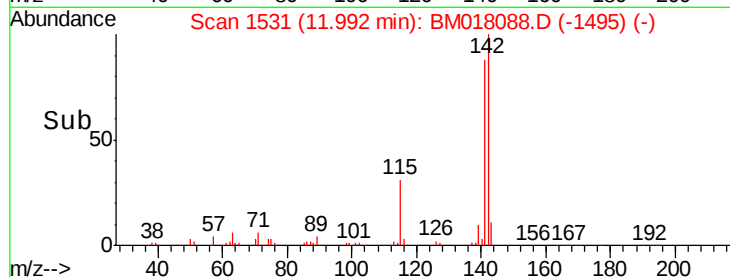
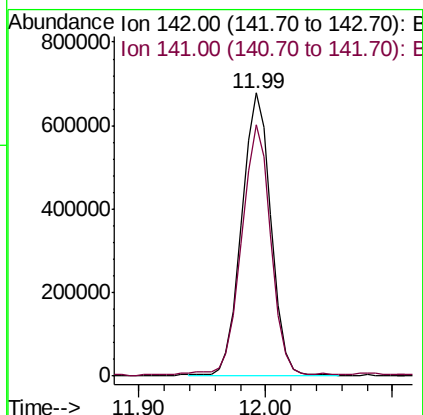
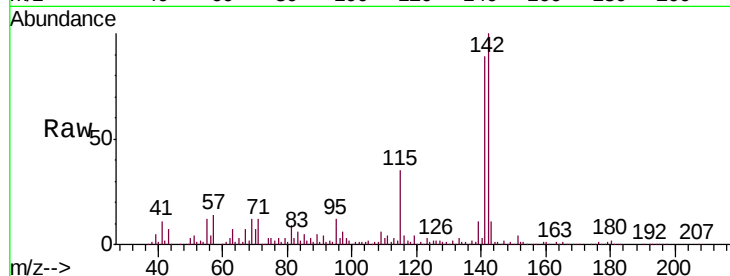




#34
 2-Methylnaphthalene
 Concen: 35.835 ng/ul
 RT: 11.99 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BM018088.D
 Acq: 12 Dec 2018 09:53

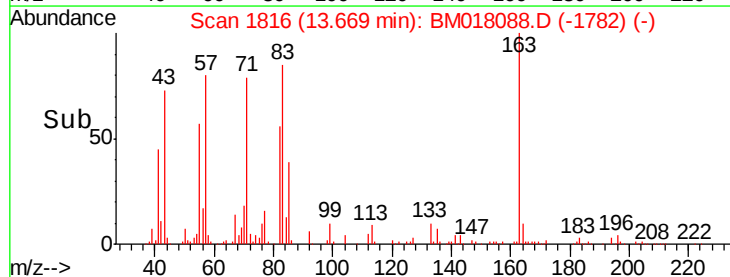
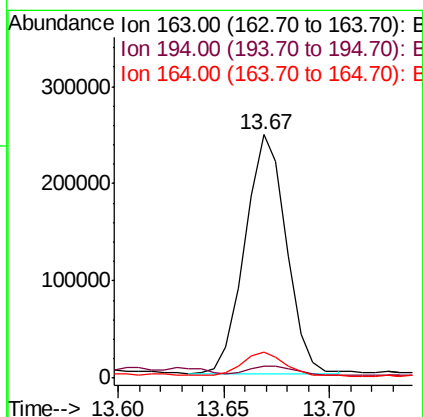
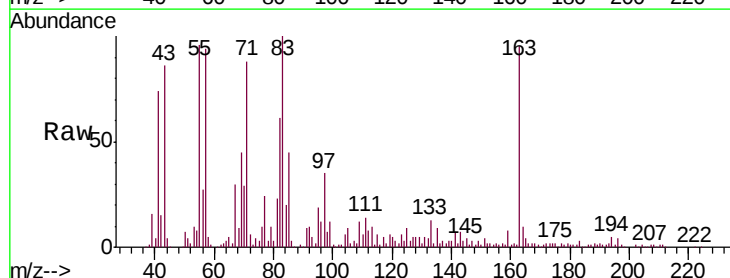
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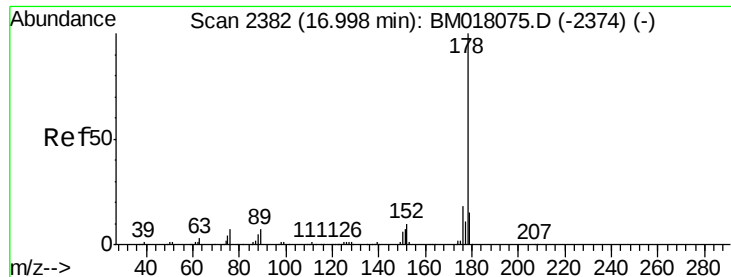
Tgt Ion:142 Resp: 1080768
 Ion Ratio Lower Upper
 142 100
 141 88.7 72.6 108.8



#44
 Dimethylphthalate
 Concen: 8.751 ng/ul
 RT: 13.67 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BM018088.D
 Acq: 12 Dec 2018 09:53

Tgt Ion:163 Resp: 332419
 Ion Ratio Lower Upper
 163 100
 194 5.0 3.4 5.0
 164 10.5 8.1 12.1





#69

Phenanthrene

Concen: 2.549 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. 0.01 min

Lab File: BM018088.D

Acq: 12 Dec 2018 09:53

Instrument :

BNA_M

ClientSampleId :

F9Y14

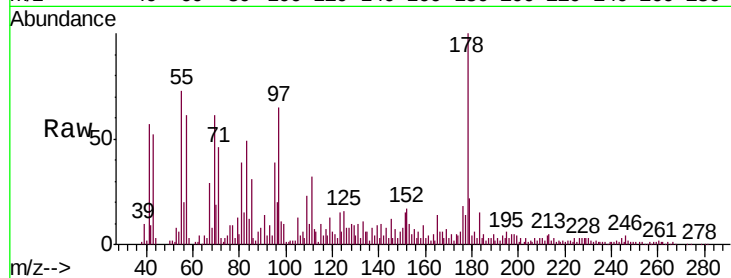
Tgt Ion:178 Resp: 142446

Ion Ratio Lower Upper

178 100

179 22.0 11.8 17.8#

176 18.3 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

150000 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

