

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
 Data File : BG025186.D
 Acq On : 14 Dec 2016 21:38
 Operator : UM/SJ
 Sample : H5938-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA826

Quant Time: Dec 15 04:02:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 03:57:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	72909	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	350883	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	307905	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	627408	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	738864	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	749702	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	6308	4.47	ng/uL	0.00
5) Phenol-d5	7.38	99	153156	24.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	98187	25.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	104461	23.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	131392	25.00	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	58013	23.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	69958	22.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	132867	22.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	87093	14.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	477756	22.56	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	540490	23.30	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	67632	18.58	ng/ul	0.00
57) Fluorene-d10	15.85	176	439749	22.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	75319	19.42	ng/ul	0.00
70) Anthracene-d10	17.70	188	633610	23.93	ng/ul	0.00
76) Pyrene-d10	19.98	212	795916	26.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	790108	26.01	ng/ul	0.00

Target Compounds

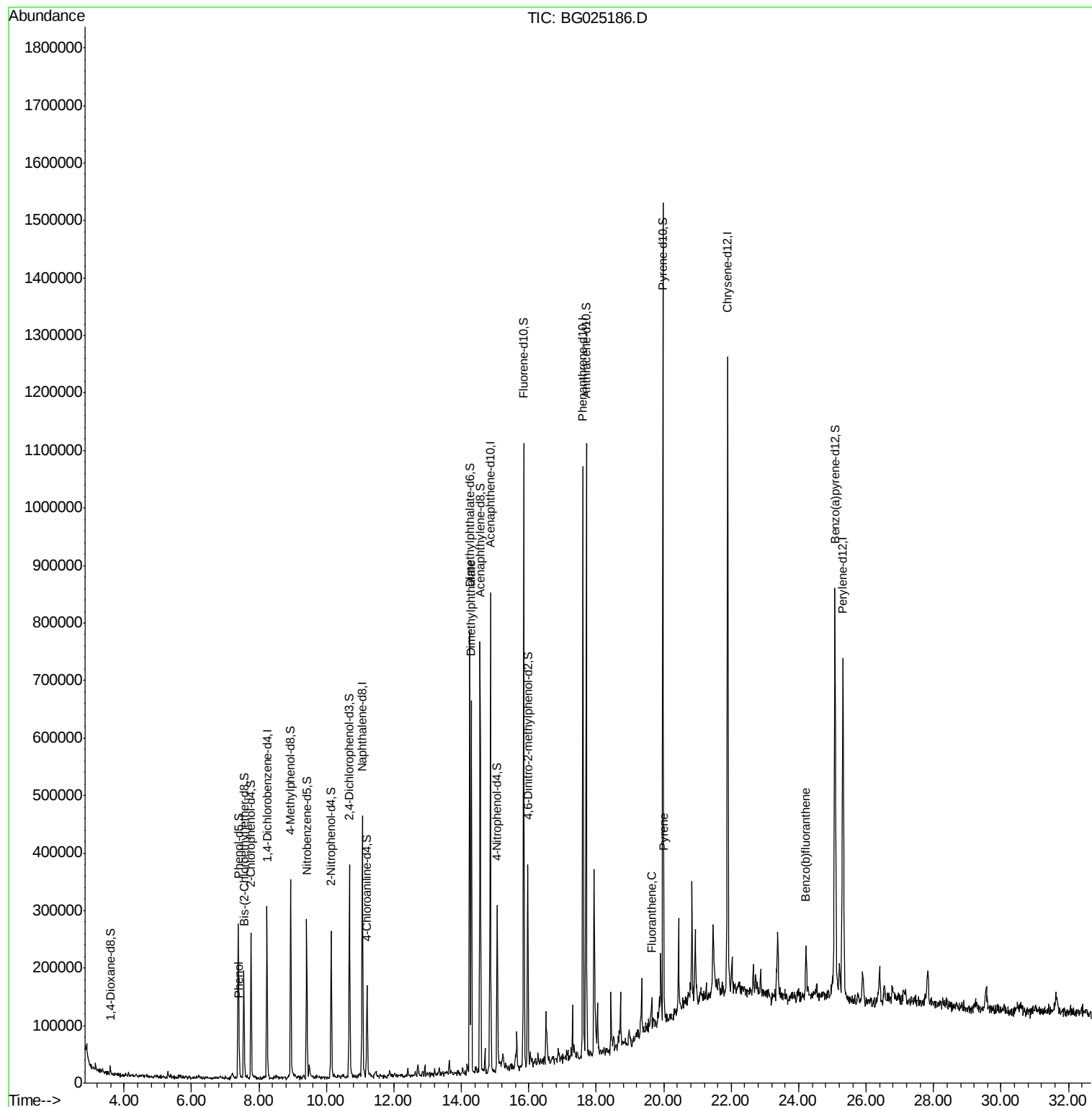
						Qvalue
6) Phenol	7.41	94	8516	1.32	ng/ul#	82
44) Dimethylphthalate	14.29	163	381806	18.34	ng/ul#	96
74) Fluoranthene	19.64	202	40384	1.13	ng/ul#	89
77) Pyrene	20.00	202	37993	1.07	ng/ul#	95
85) Benzo(b)fluoranthene	24.21	252	49286	1.33	ng/ul#	88

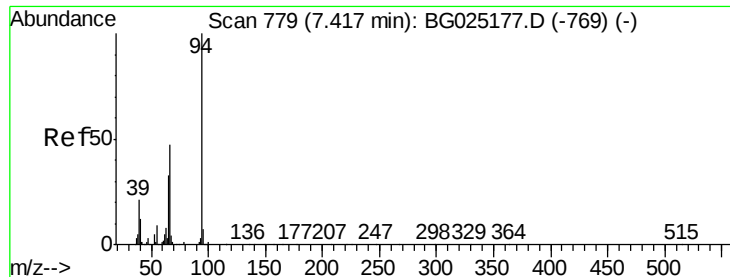
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.32 ng/ul

RT: 7.41 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025186.D

Acq: 14 Dec 2016 21:38

Instrument :

BNA_G

ClientSampleId :

DA826

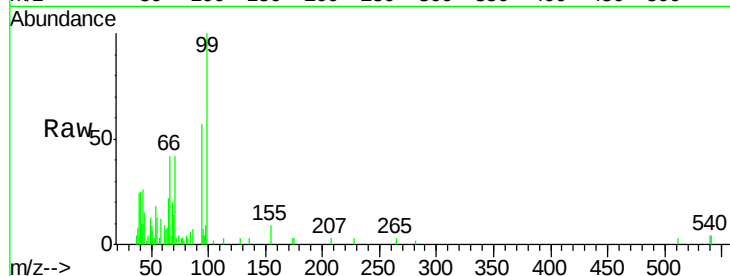
Tgt Ion: 94 Resp: 8516

Ion Ratio Lower Upper

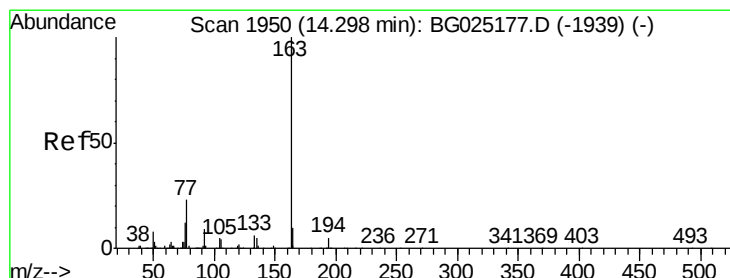
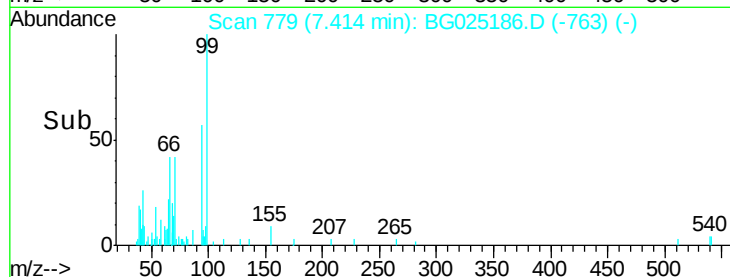
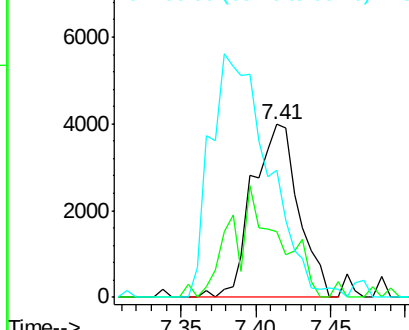
94 100

65 38.1 26.8 40.2

66 73.2 44.4 66.6#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 18.34 ng/ul

RT: 14.29 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025186.D

Acq: 14 Dec 2016 21:38

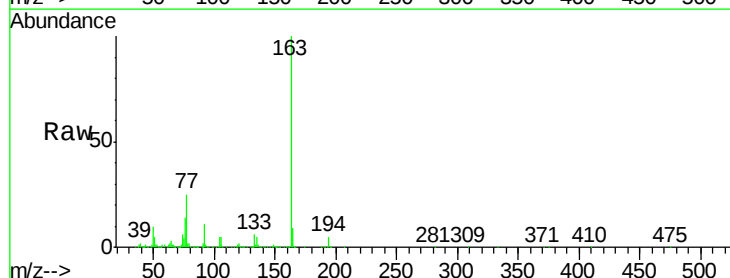
Tgt Ion:163 Resp: 381806

Ion Ratio Lower Upper

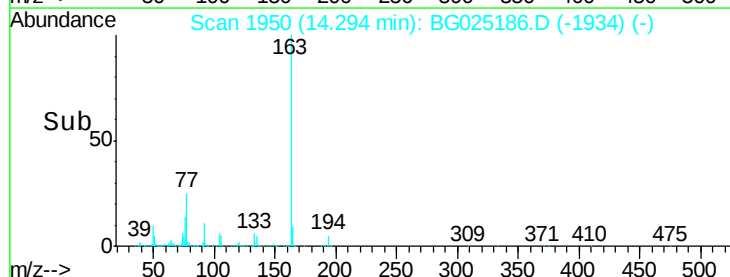
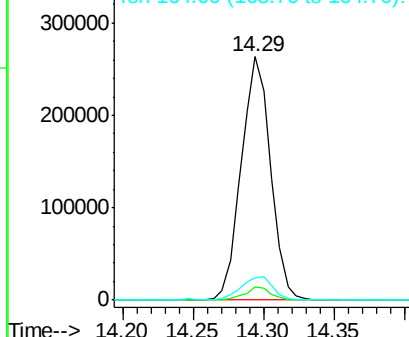
163 100

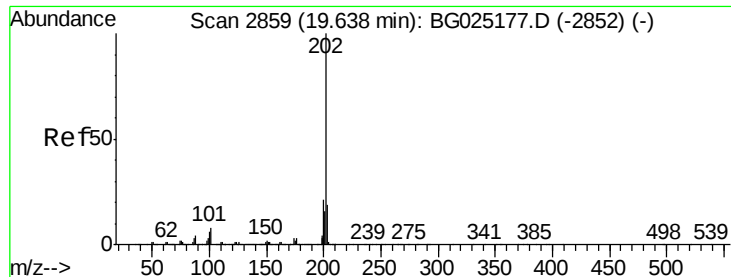
194 5.3 3.4 5.0#

164 9.4 9.0 13.4



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





#74

Fluoranthene

Concen: 1.13 ng/ul

RT: 19.64 min Scan# 2860

Delta R.T. 0.00 min

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Acq: 14 Dec 2016 21:38

Instrument :

BNA_G

ClientSampleId :

DA826

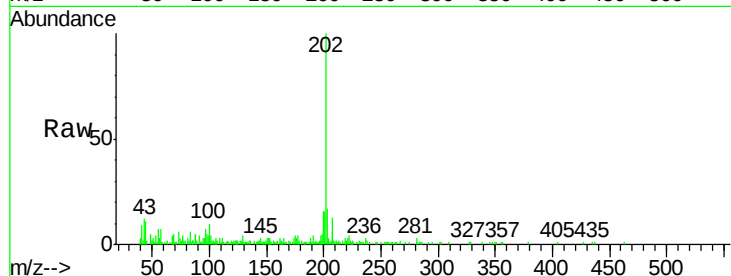
Tgt Ion:202 Resp: 40384

Ion Ratio Lower Upper

202 100

101 3.6 6.2 9.2#

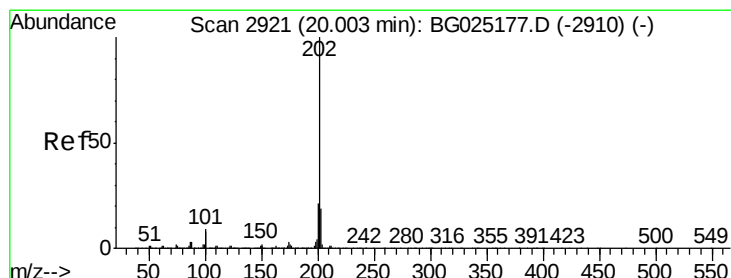
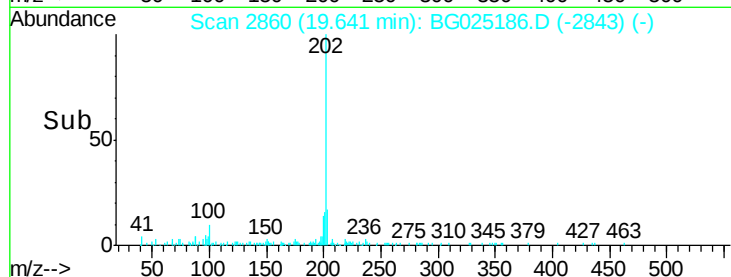
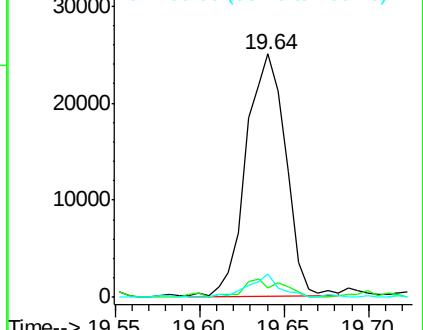
100 9.6 5.2 7.8#



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



#77

Pyrene

Concen: 1.07 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. -0.00 min

Lab File: BG025186.D

Acq: 14 Dec 2016 21:38

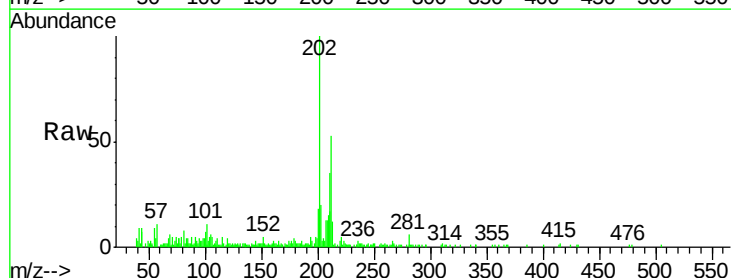
Tgt Ion:202 Resp: 37993

Ion Ratio Lower Upper

202 100

101 10.5 6.9 10.3#

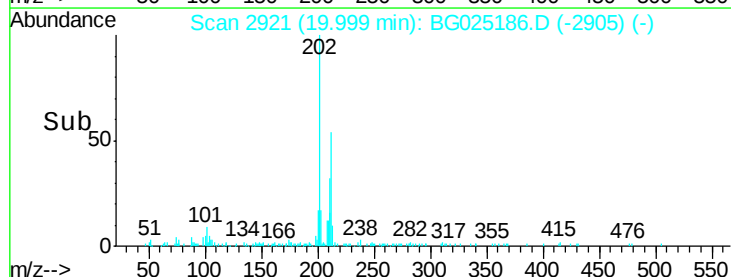
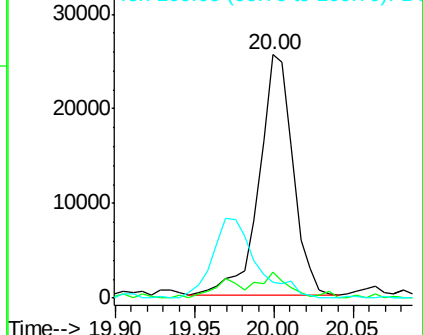
100 6.6 6.6 10.0#

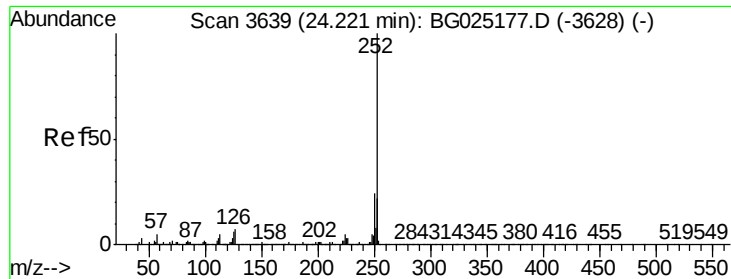


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#85

Benzo(b)fluoranthene

Concen: 1.33 ng/ul

RT: 24.21 min Scan# 3637

Delta R.T. -0.02 min

Lab File: BG025186.D

Acq: 14 Dec 2016 21:38

Instrument :

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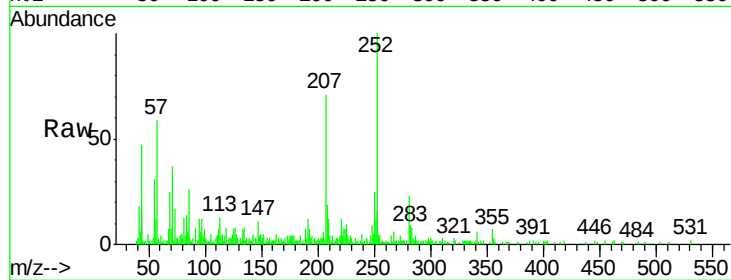
Tgt Ion:252 Resp: 49286

Ion Ratio Lower Upper

252 100

253 15.9 17.7 26.5#

125 6.7 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

