

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
 Data File : BM006796.D
 Acq On : 31 Jul 2016 19:13
 Operator : UM/SJ
 Sample : H4189-04
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZM3

Quant Time: Aug 01 07:37:48 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	155016	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	697392	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	386300	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	858504	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	968668	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	999382	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	7329	1.91	ng/uL	0.00
3) Phenol-d5	6.79	99	271188	20.56	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	201558	24.67	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	234859	22.29	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	155798	15.23	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	124188	23.52	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	137295	24.46	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	227672	21.46	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	287911	24.64	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	746372	24.64	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	957907	24.78	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	87361	16.61	ng/ul	0.00
21) Fluorene-d10	15.26	176	675662	24.94	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	79287	17.79	ng/ul	0.00
26) Anthracene-d10	17.11	188	1037010	25.44	ng/ul	0.00
30) Pyrene-d10	19.41	212	1211372	27.44	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1239361	26.96	ng/ul	0.00

Target Compounds

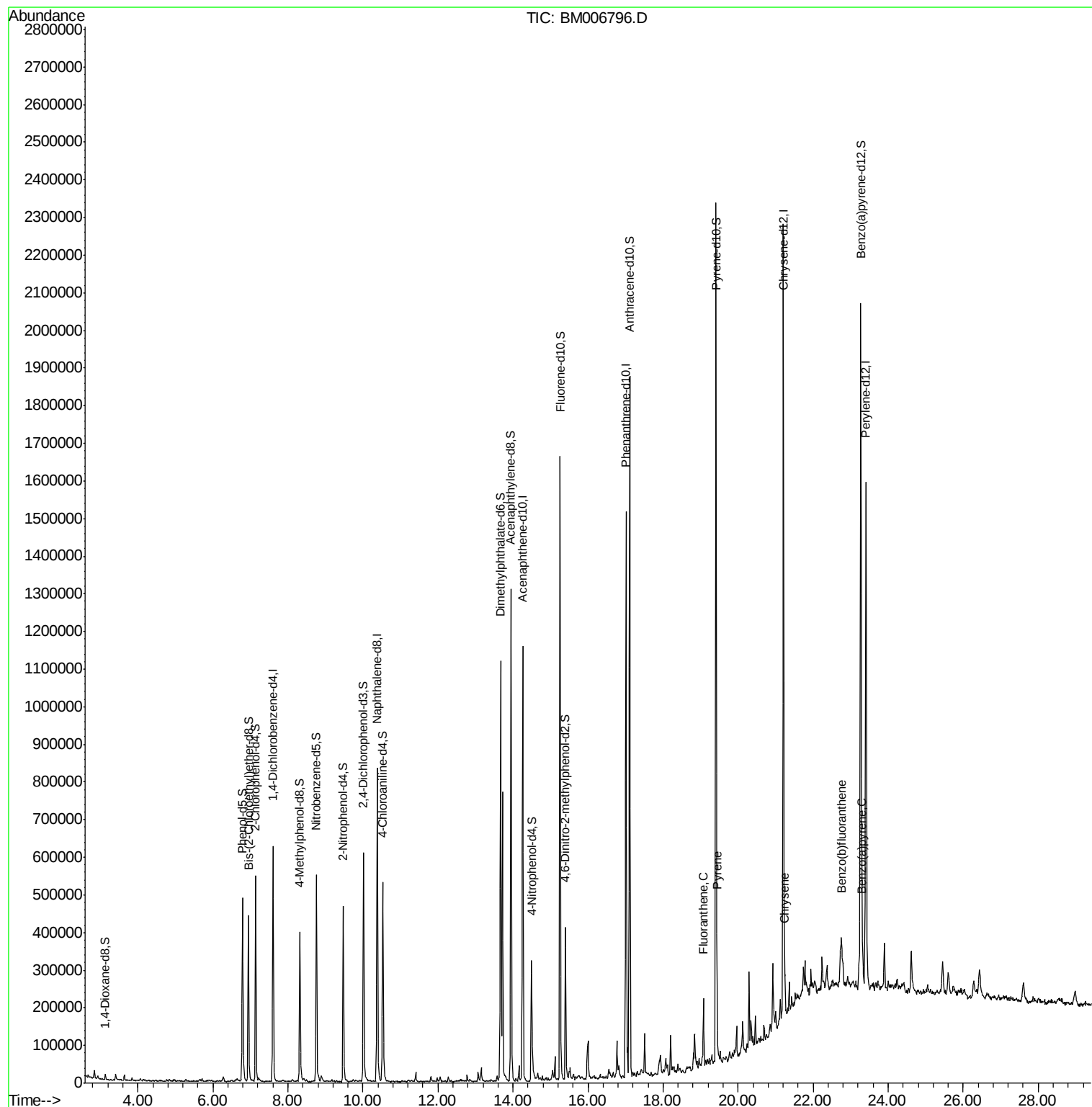
					Qvalue
28) Fluoranthene	19.07	202	94319	1.66 ng/ul	99
31) Pyrene	19.44	202	84648	1.44 ng/ul	99
33) Chrysene	21.24	228	64594	1.19 ng/ul	93
35) Benzo(b)fluoranthene	22.76	252	111716	1.86 ng/ul#	97
38) Benzo(a)pyrene	23.31	252	59765	1.02 ng/ul#	91

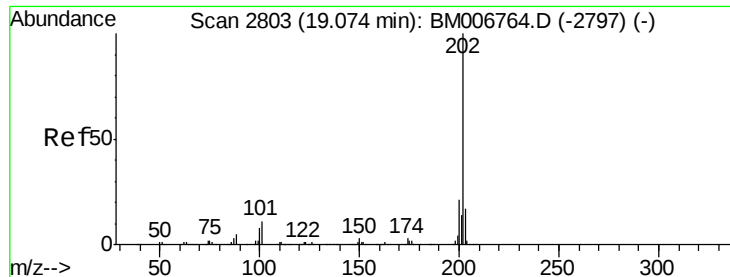
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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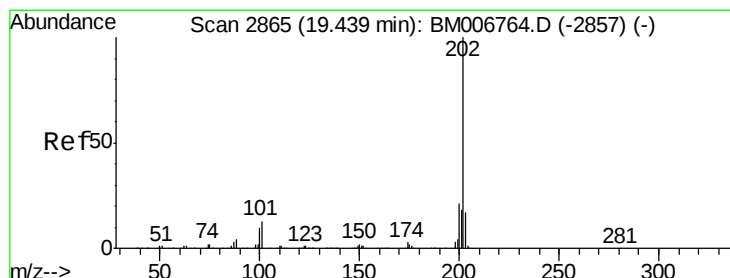
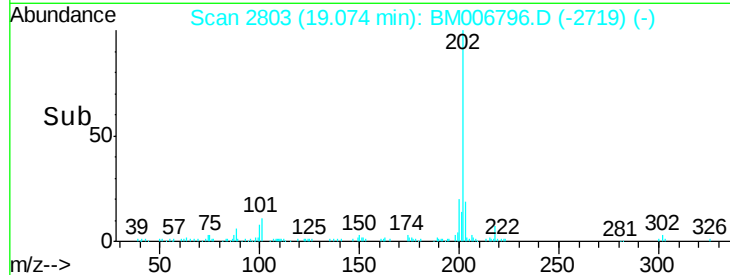
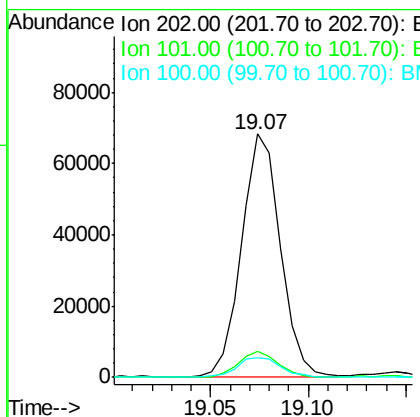
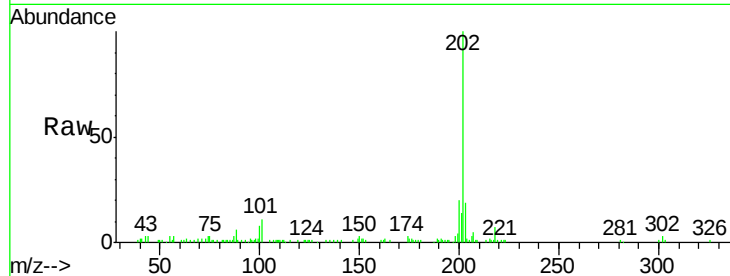




#28
 Fluoranthene
 Concen: 1.66 ng/ul
 RT: 19.07 min Scan# 2803
 Delta R.T. -0.01 min
 Lab File: BM006796.D
 Acq: 31 Jul 2016 19:13

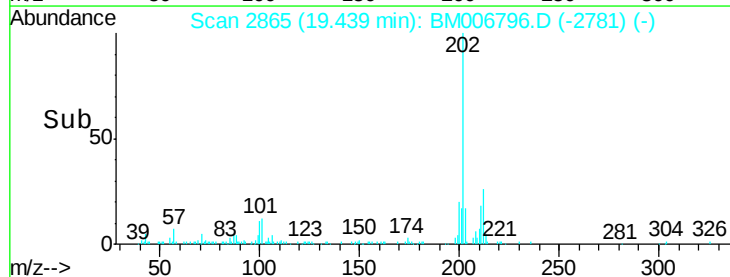
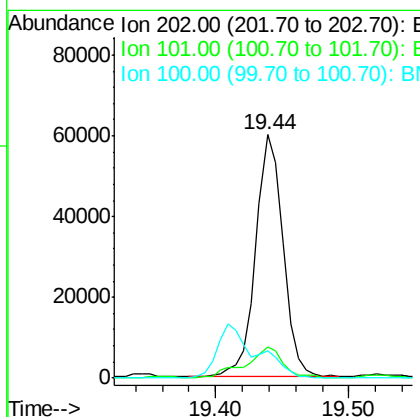
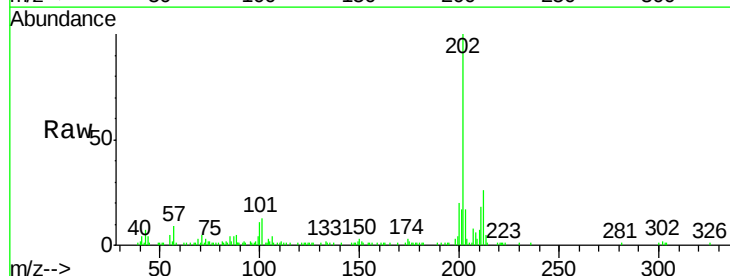
Instrument :
 BNA_M
 ClientSampleId :
 D9ZM3

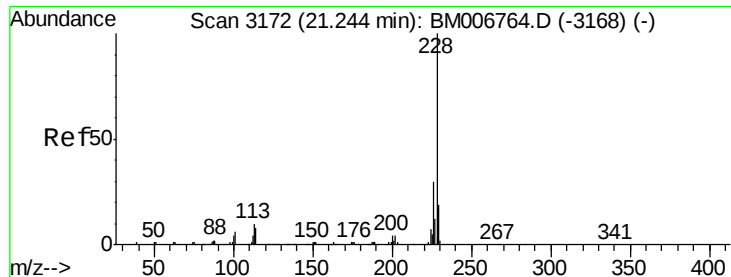
Tgt Ion:202 Resp: 94319
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.9 13.3
 100 7.8 7.0 10.4



#31
 Pyrene
 Concen: 1.44 ng/ul
 RT: 19.44 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BM006796.D
 Acq: 31 Jul 2016 19:13

Tgt Ion:202 Resp: 84648
 Ion Ratio Lower Upper
 202 100
 101 12.8 9.8 14.8
 100 11.1 9.3 13.9





#33

Chrysene

Concen: 1.19 ng/ul

RT: 21.24 min Scan# 3172

Delta R.T. -0.01 min

Lab File: BM006796.D

Acq: 31 Jul 2016 19:13

Instrument :

BNA_M

ClientSampleId :

D9ZM3

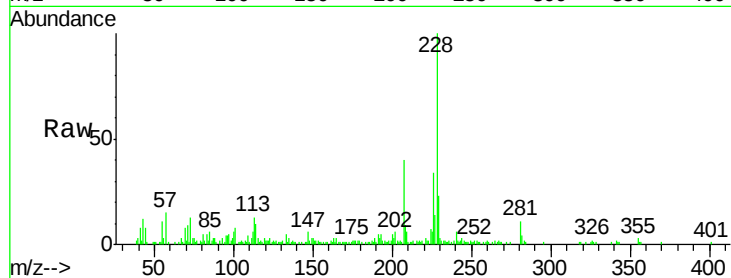
Tgt Ion:228 Resp: 64594

Ion Ratio Lower Upper

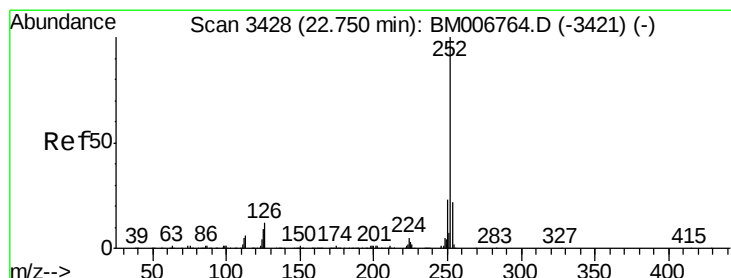
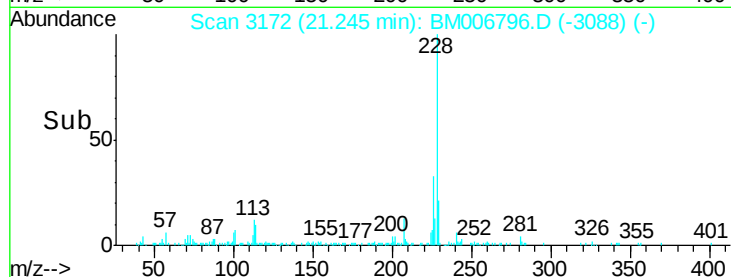
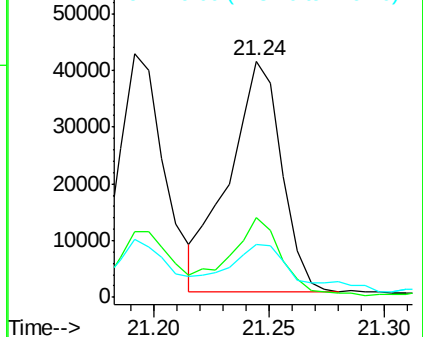
228 100

226 33.6 23.4 35.2

229 22.6 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#35

Benzo(b)fluoranthene

Concen: 1.86 ng/ul

RT: 22.76 min Scan# 3429

Delta R.T. 0.00 min

Lab File: BM006796.D

Acq: 31 Jul 2016 19:13

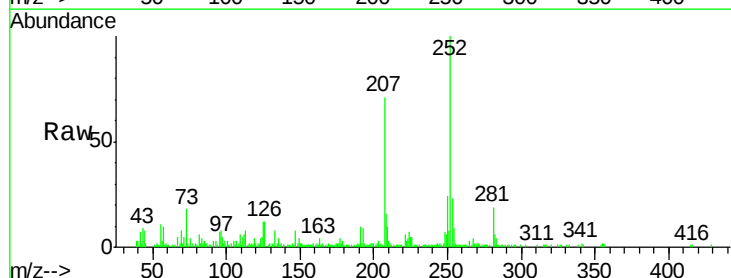
Tgt Ion:252 Resp: 111716

Ion Ratio Lower Upper

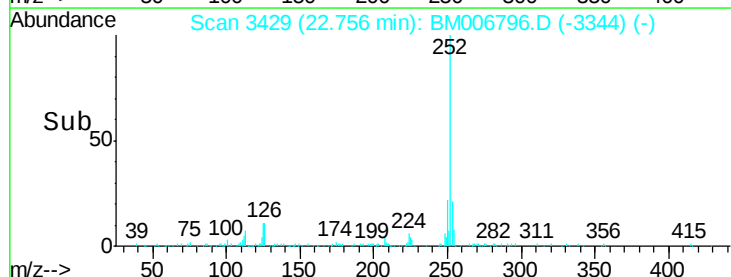
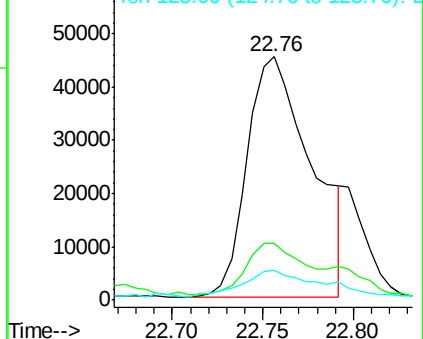
252 100

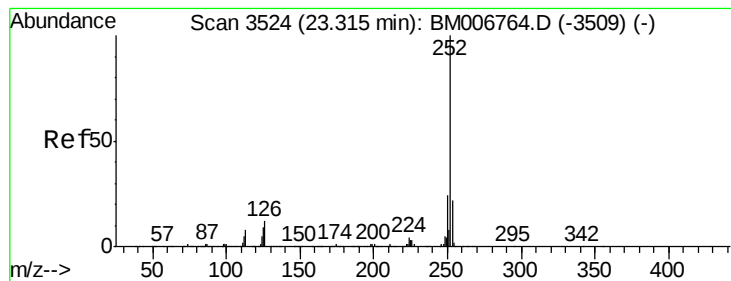
253 23.1 18.1 27.1

125 12.3 7.6 11.4#



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





#38

Benzo(a)pyrene

Concen: 1.02 ng/ul

RT: 23.31 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BM006796.D

Acq: 31 Jul 2016 19:13

Instrument :

BNA_M

ClientSampleId :

D9ZM3

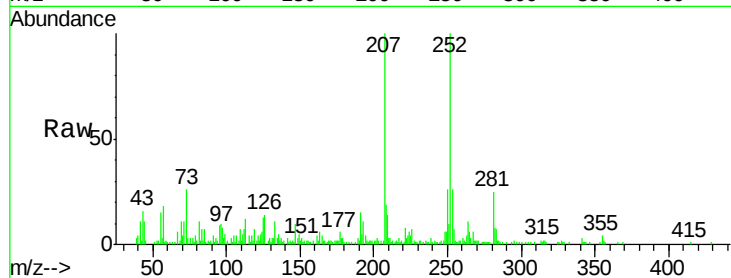
Tgt Ion: 252 Resp: 59765

Ion Ratio Lower Upper

252 100

253 26.0 17.4 26.0

125 13.1 8.2 12.2#



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

