

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050118\
 Data File : BM014909.D
 Acq On : 02 May 2018 05:34
 Operator : SJ/JU
 Sample : J2621-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 06:51:18 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 02 06:50:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	462964	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	2007438	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	1090184	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	2327928	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	2280346	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	2069864	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	16488	1.56	ng/uL	0.00
5) Phenol-d5	7.62	99	287052	8.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	746239	32.51	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	770379	25.73	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	509063	17.84	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	435469	30.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	458967	31.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	780514	26.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	1024097	35.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	2533462	29.77	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	2962078	28.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	90760	5.75	ng/ul	0.00
57) Fluorene-d10	16.08	176	2114334	28.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	185345	14.71	ng/ul	0.00
70) Anthracene-d10	17.91	188	3211000	29.60	ng/ul	0.00
76) Pyrene-d10	20.15	212	3341826	30.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	3197877	31.45	ng/ul	0.00

Target Compounds

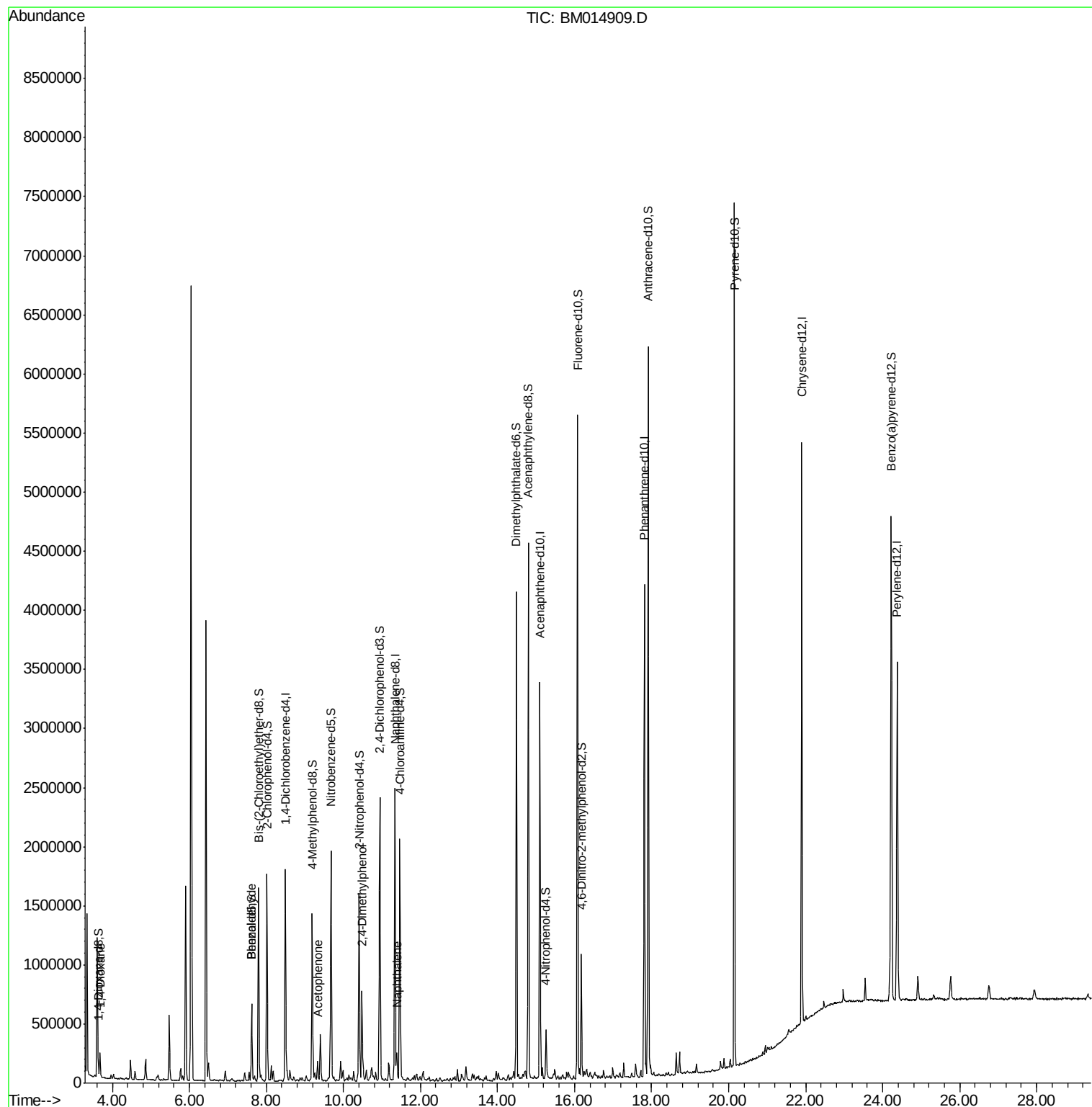
				Ovalue	
2) 1,4-Dioxane	3.68	88	86240	7.730	ng/uL 91
4) Benzaldehyde	7.62	77	21801	1.158	ng/ul# 53
14) Acetophenone	9.33	105	89963	2.151	ng/ul 89
24) 2,4-Dimethylphenol	10.47	107	285981	8.621	ng/ul# 86
28) Naphthalene	11.39	128	176315	1.802	ng/ul 100

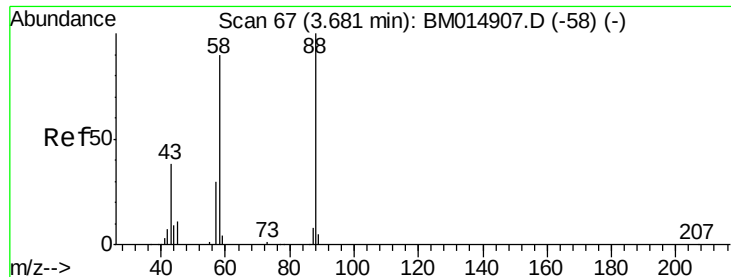
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 7.730 ng/uL

RT: 3.68 min Scan# 67

Delta R.T. -0.00 min

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Acq: 02 May 2018 05:34

Instrument :

BNA_M

ClientSampleId :

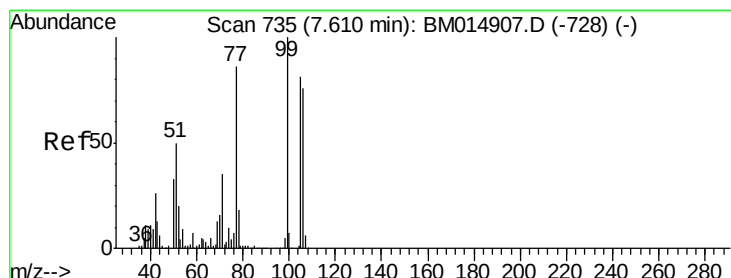
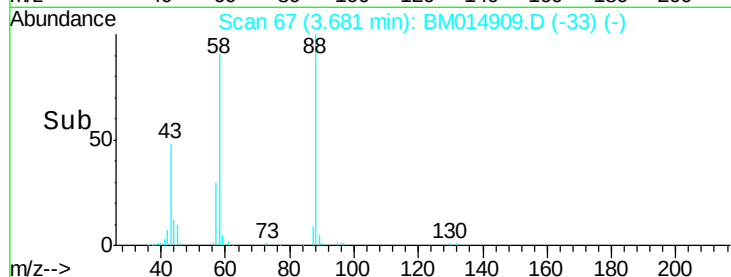
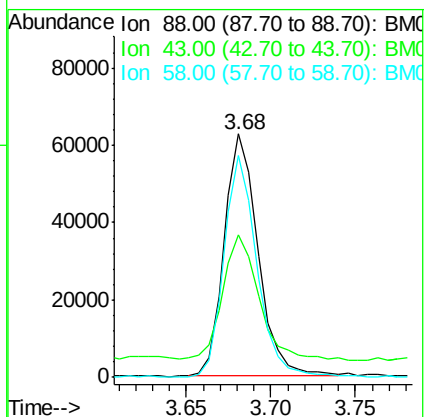
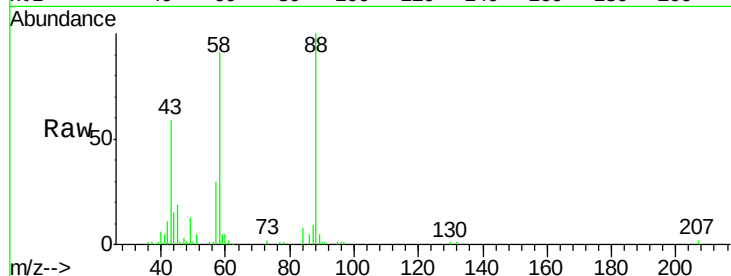
Tot Ion: 88 Resp: 86240

Ion Ratio Lower Upper

88 100

43 53.7 48.0 72.0

58 90.8 80.0 120.0



#4

Benzaldehyde

Concen: 1.158 ng/uL

RT: 7.62 min Scan# 736

Delta R.T. 0.01 min

Lab File: BM014909.D

Acq: 02 May 2018 05:34

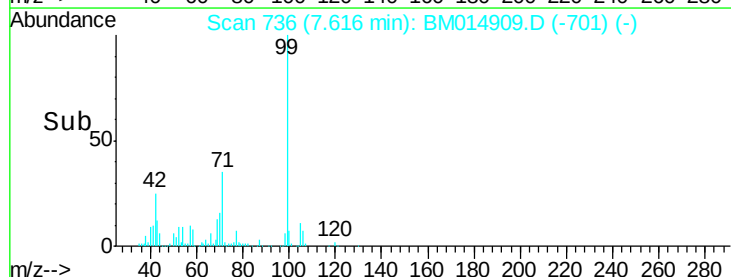
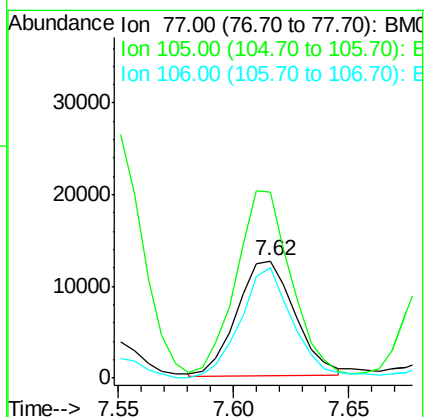
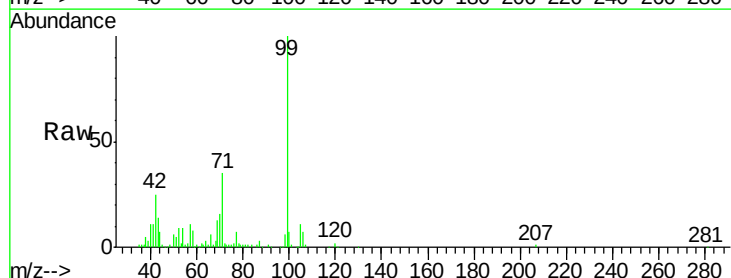
Tgt Ion: 77 Resp: 21801

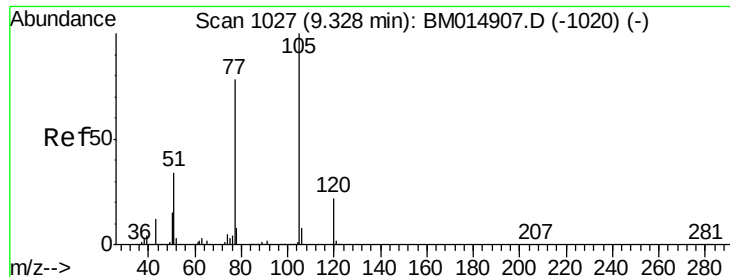
Ion Ratio Lower Upper

77 100

105 159.0 66.1 99.1#

106 94.0 67.8 101.6





#14

Acetophenone

Concen: 2.151 ng/ul

RT: 9.33 min Scan# 1027

Delta R.T. -0.00 min

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Acq: 02 May 2018 05:34

Instrument :

BNA_M

ClientSampleId :

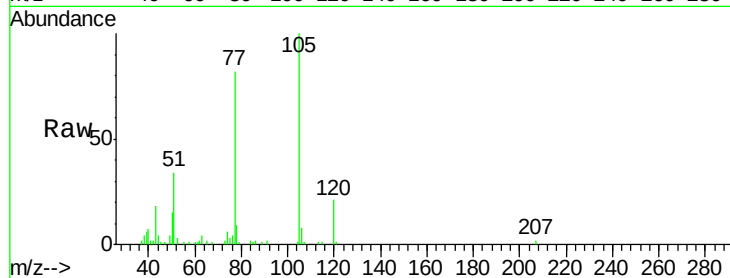
Tot Ion:105 Resp: 89963

Ion Ratio Lower Upper

105 100

77 81.6 74.2 111.4

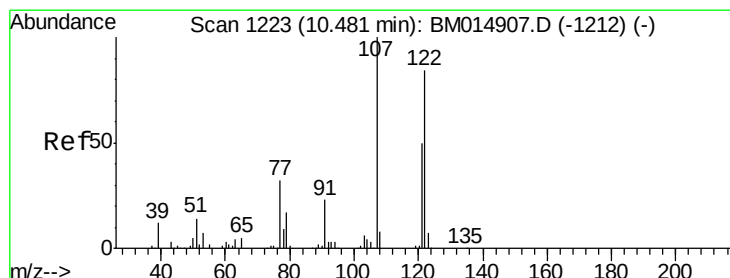
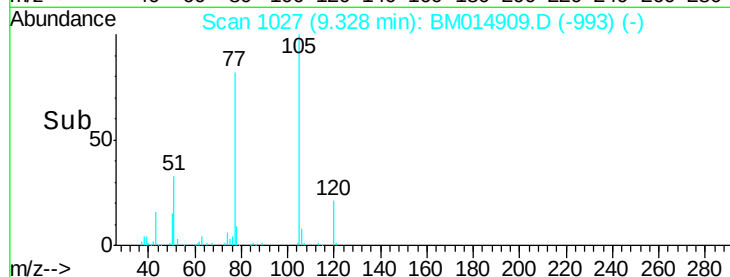
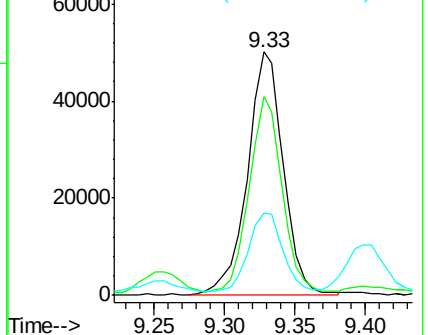
51 34.1 23.4 35.2



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#24

2,4-Dimethylphenol

Concen: 8.621 ng/ul

RT: 10.47 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BM014909.D

Acq: 02 May 2018 05:34

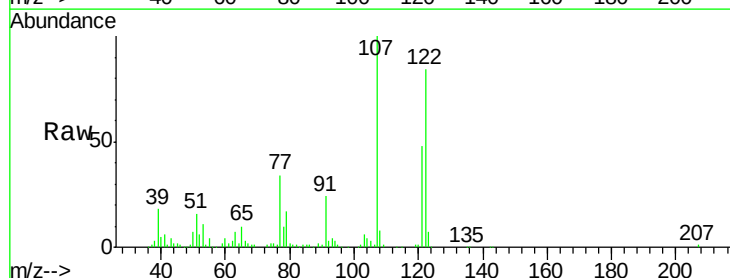
Tgt Ion:107 Resp: 285981

Ion Ratio Lower Upper

107 100

121 48.2 31.9 47.9#

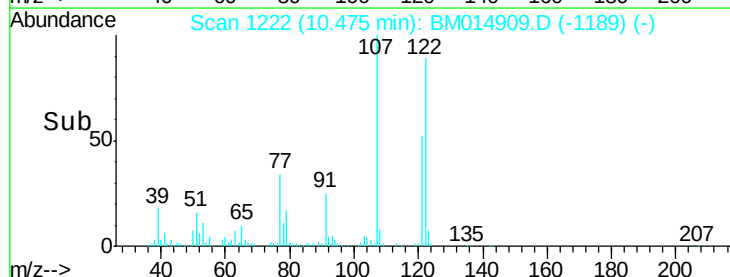
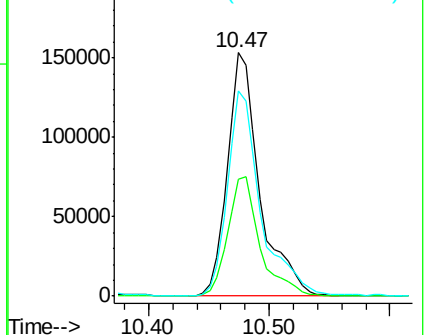
122 84.4 57.8 86.6

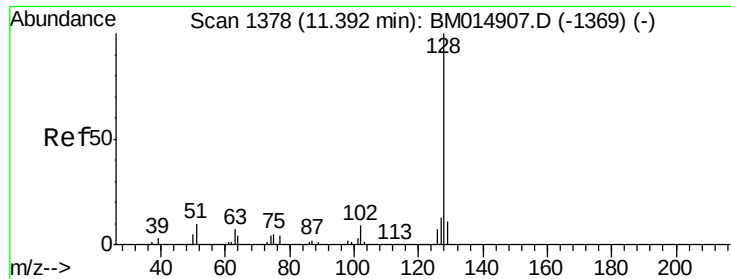


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Naphthalene

Concen: 1.802 ng/ul

RT: 11.39 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BM014909.D

Acq: 02 May 2018 05:34

Instrument :

BNA_M

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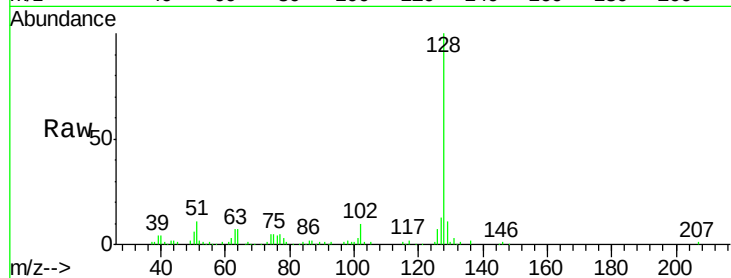
Tot Ion:128 Resp: 176315

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.5 10.6 16.0



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

