

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031517\
 Data File : BM009263.D
 Acq On : 15 Mar 2017 13:20
 Operator : SJ/MA
 Sample : I2235-06DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK3DL

Quant Time: Mar 16 01:18:54 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 01:18:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	91744	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	407850	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	259086	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	704913	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1076764	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1113146	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	477	0.23	ng/uL	0.00
5) Phenol-d5	7.03	99	9297	0.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	38067	5.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	26154	4.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	18716	2.36	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	17037	5.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	16752	5.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	31207	4.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	1422	0.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	136916	6.96	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	144477	6.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	980	0.25	ng/ul	0.00
57) Fluorene-d10	15.51	176	121515	6.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	14514	3.44	ng/ul	0.00
70) Anthracene-d10	17.36	188	209215	6.27	ng/ul	0.00
78) Pyrene-d10	19.65	212	279354	6.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	319178	6.27	ng/ul	0.00

Target Compounds

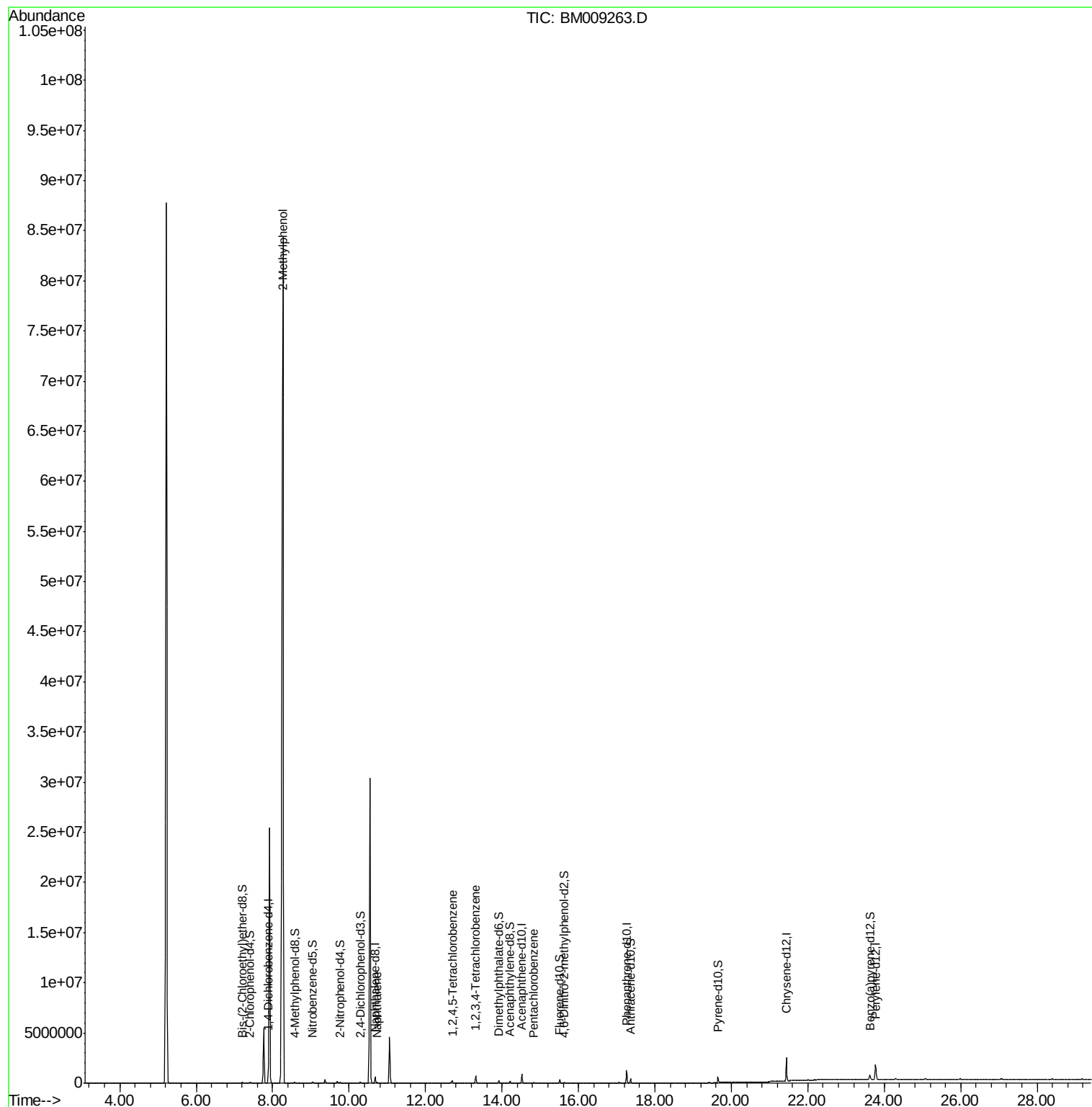
						Ovalue
11) 2-Methylphenol	8.27	108	454410	59.18	ng/ul	89
28) Naphthalene	10.73	128	34450	1.65	ng/ul	95
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	66119	8.49	ng/ul	91
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	214946	25.95	ng/uL	97
73) Pentachlorobenzene	14.83	250	13893	1.56	ng/ul	100

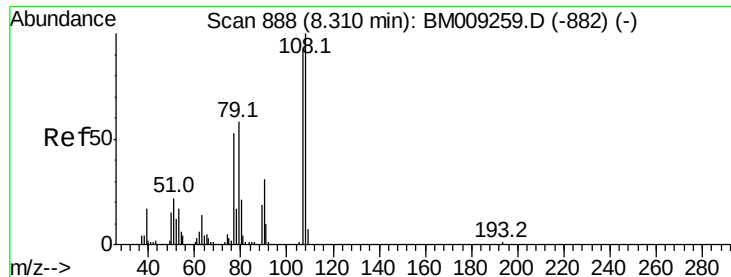
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 59.18 ng/ul

RT: 8.27 min Scan# 881

Delta R.T. -0.04 min

Lab File: BM009263.D

Acq: 15 Mar 2017 13:20

Instrument :

BNA_M

ClientSampleId :

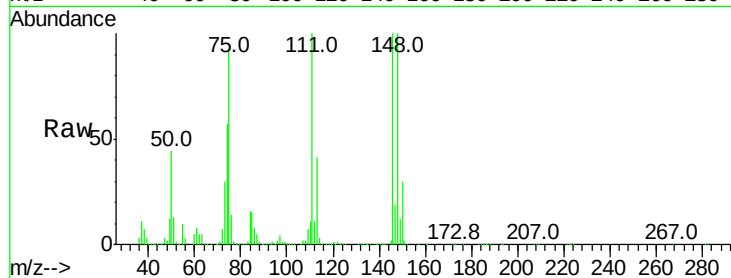
C0BK3DL

Tot Ion:108 Resp: 454410

Ion Ratio Lower Upper

108 100

107 100.9 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.27

200000

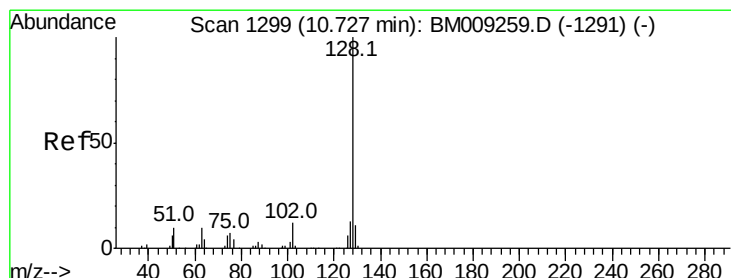
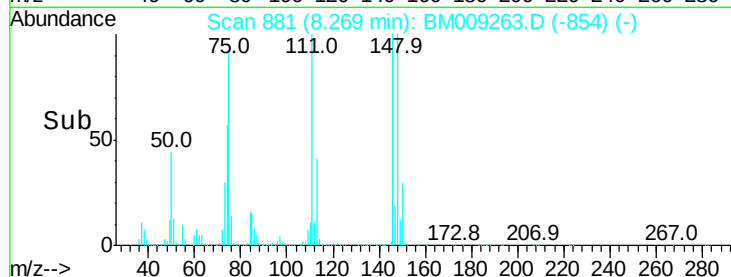
150000

100000

50000

0

Time--> 8.15 8.20 8.25 8.30



#28

Naphthalene

Concen: 1.65 ng/ul

RT: 10.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BM009263.D

Acq: 15 Mar 2017 13:20

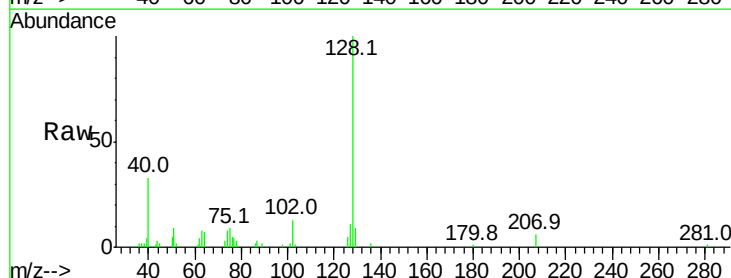
Tgt Ion:128 Resp: 34450

Ion Ratio Lower Upper

128 100

129 9.2 8.8 13.2

127 11.3 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

10.73

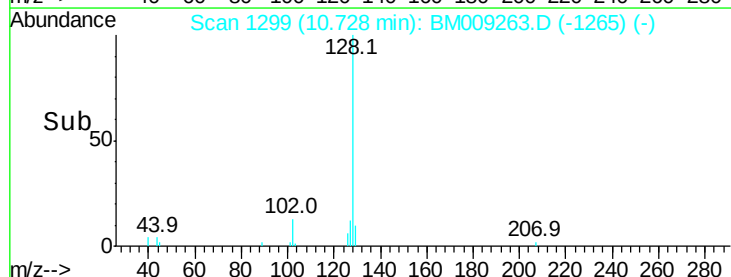
30000

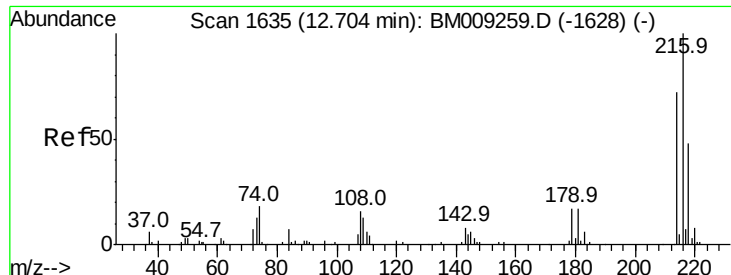
20000

10000

0

Time--> 10.70 10.75

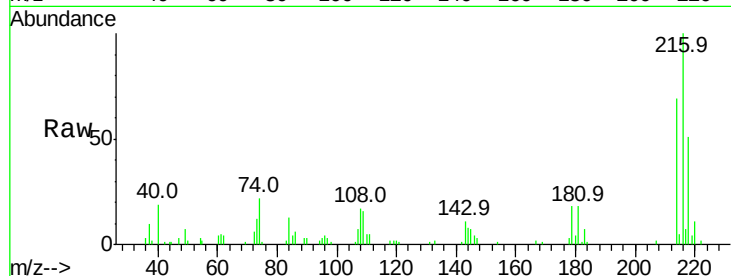




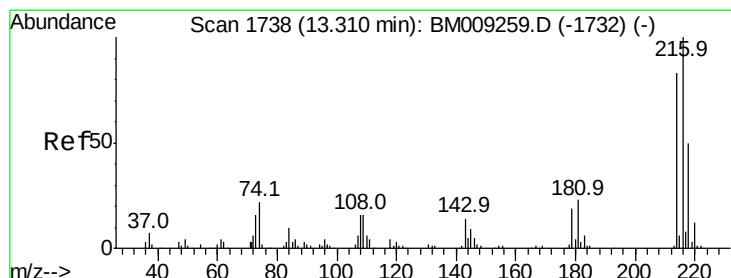
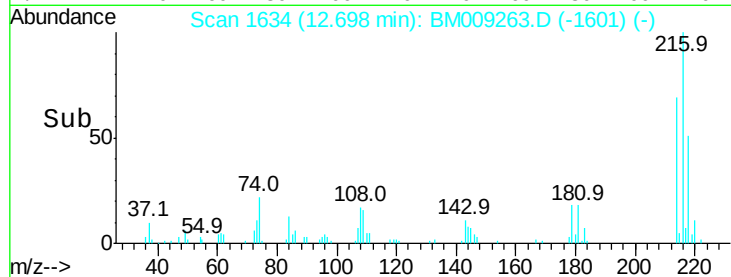
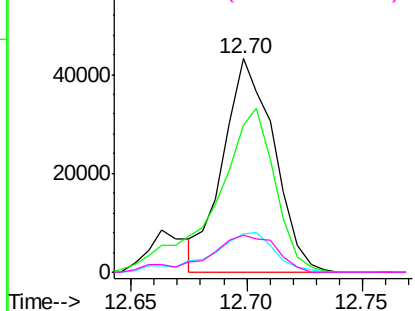
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.49 ng/ul
 RT: 12.70 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM009263.D
 Acq: 15 Mar 2017 13:20

Instrument :
 BNA_M
 ClientSampleId :
 C0BK3DL

Tot Ion:	216	Resp:	66119
Ion	Ratio	Lower	Upper
216	100		
214	69.1	62.5	93.7
179	18.2	18.2	27.2
108	17.1	14.2	21.2

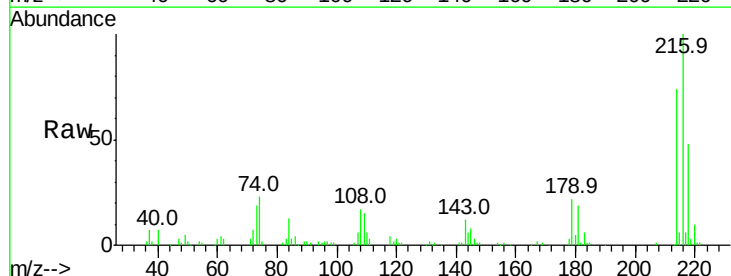


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

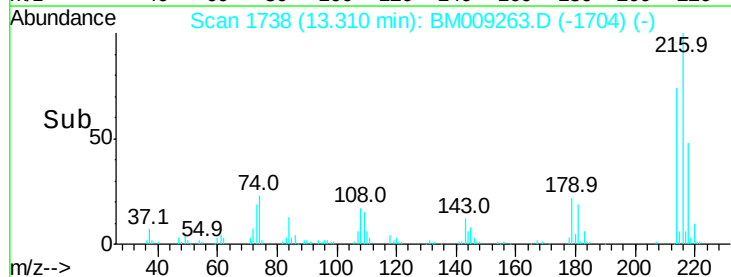
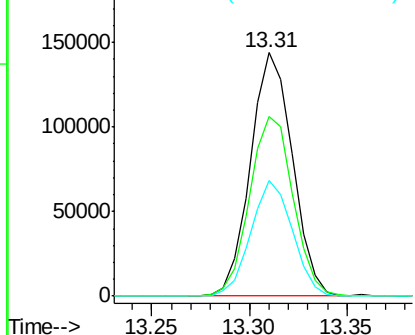


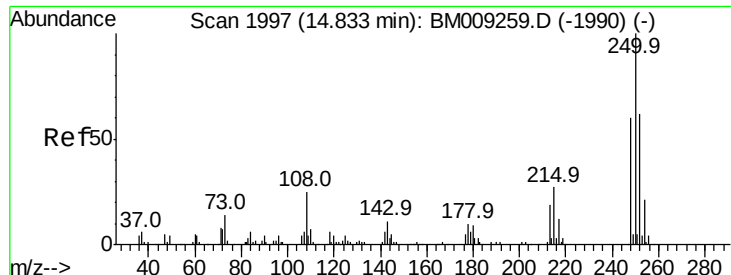
#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 25.95 ng/uL
 RT: 13.31 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BM009263.D
 Acq: 15 Mar 2017 13:20

Tgt Ion:	216	Resp:	214946
Ion	Ratio	Lower	Upper
216	100		
214	73.7	62.5	93.7
218	47.6	38.4	57.6



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E





#73

Pentachlorobenzene

Concen: 1.56 ng/uL

RT: 14.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BM009263.D

Acq: 15 Mar 2017 13:20

Instrument :

BNA_M

ClientSampleId :

C0BK3DL

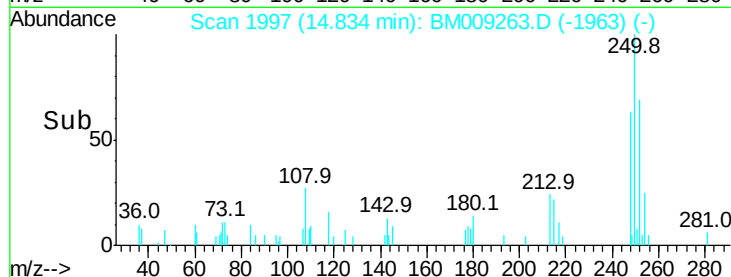
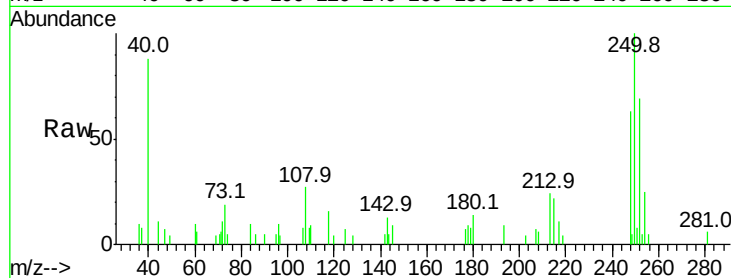
Tot Ion:250 Resp: 13893

Ion Ratio Lower Upper

250 100

248 62.9 50.6 75.8

252 63.9 51.4 77.0



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

