

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
 Data File : BG046904.D
 Acq On : 14 Oct 2020 22:29
 Operator : CG/JU
 Sample : L4360-07DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 15 00:39:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 15 00:34:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	56446	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	226058	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	165939	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	419910	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	461261	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	471484	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	1124	0.98	ng/uL	0.00
5) Phenol-d5	7.25	99	30566	6.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	37460	12.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	47232	13.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	44671	11.82	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	26607	15.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	29890	17.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	65364	16.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	79308	16.50	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	212726	16.78	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	240782	15.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	11977	5.54	ng/ul	0.00
58) Fluorene-d10	15.71	176	183966	15.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	20956	9.99	ng/ul	0.00
71) Anthracene-d10	17.56	188	317446	16.48	ng/ul	0.00
79) Pyrene-d10	19.84	212	396848	16.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	401861	15.81	ng/ul	0.00

Target Compounds

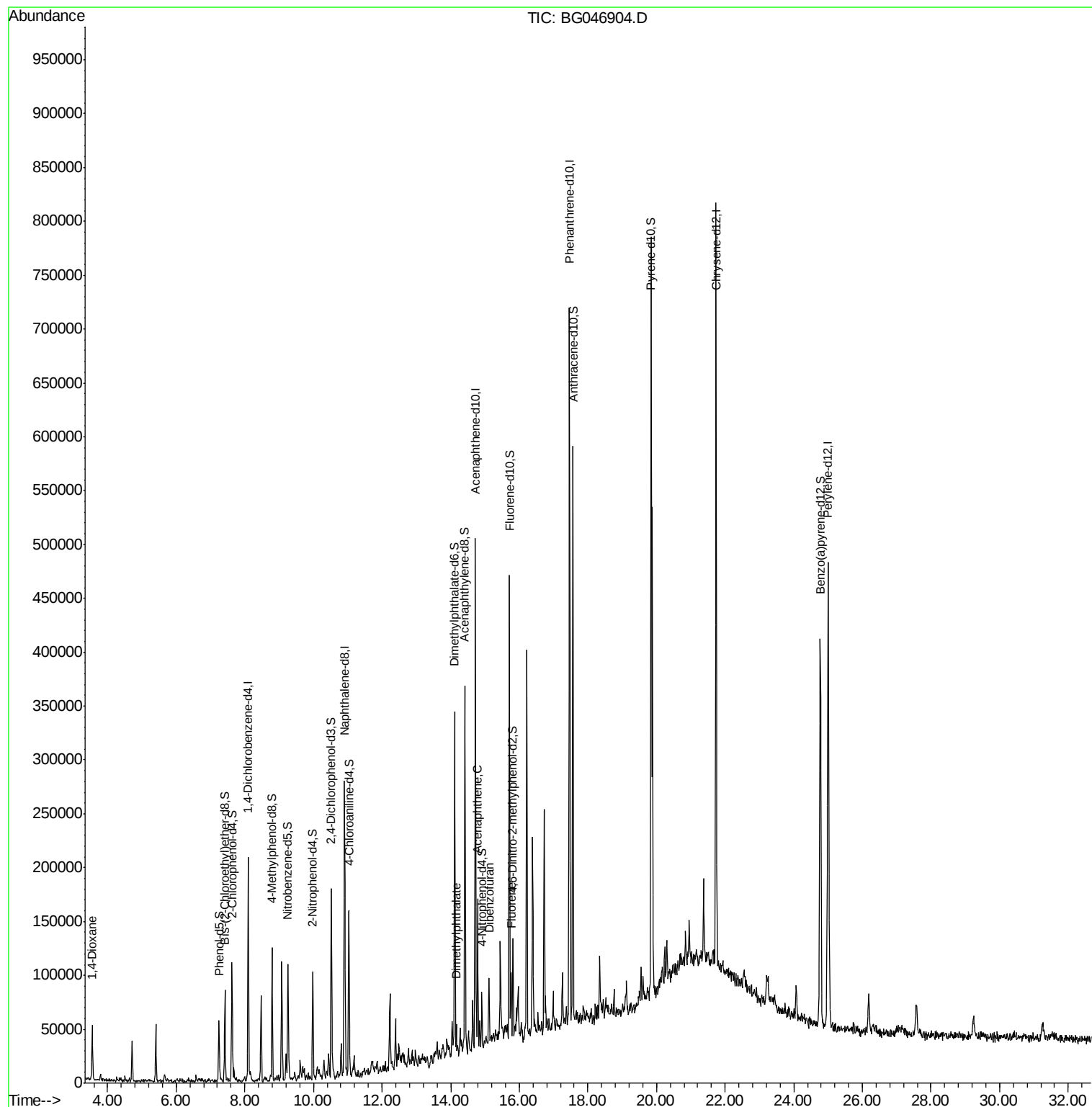
				Ovalue	
2) 1,4-Dioxane	3.55	88	27210	18.458	ng/uL# 96
45) Dimethylphthalate	14.17	163	18021	1.404	ng/ul 97
50) Acenaphthene	14.78	153	56829	5.384	ng/ul 93
54) Dibenzofuran	15.12	168	38154	2.460	ng/ul 98
59) Fluorene	15.77	166	24092	1.913	ng/ul 94

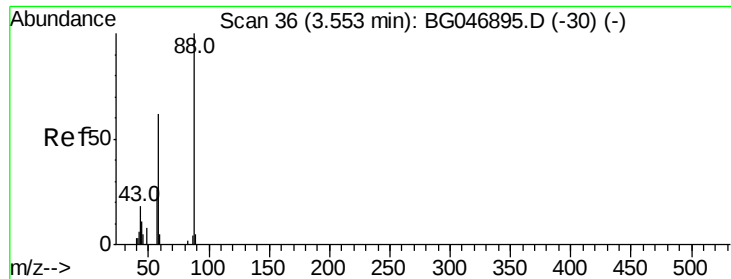
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 18.458 ng/uL

RT: 3.55 min Scan# 36

Delta R.T. -0.00 min

Lab File: BG046904.D

Acq: 14 Oct 2020 22:29

Instrument :

BNA_G

ClientSampleId :

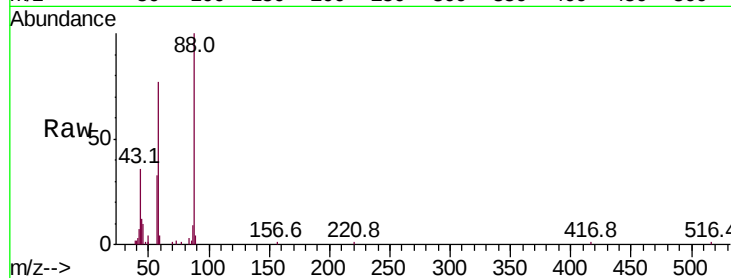
Tot Ion: 88 Resp: 27210

Ion Ratio Lower Upper

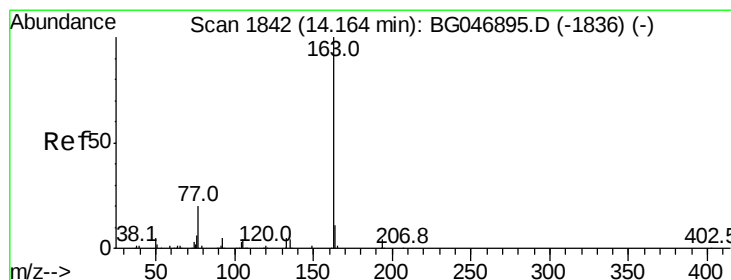
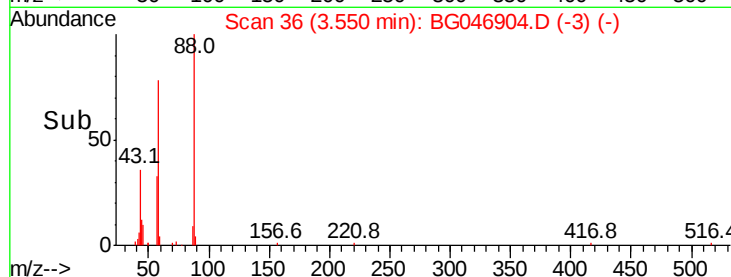
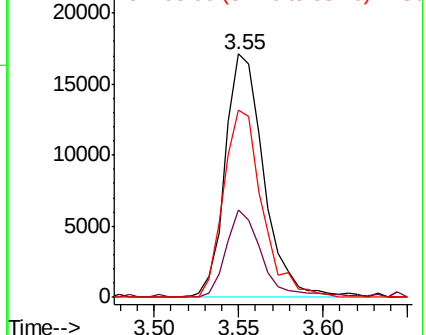
88 100

43 35.8 22.3 33.5#

58 77.2 62.2 93.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 43.00 (42.70 to 43.70): BGC
Ion 58.00 (57.70 to 58.70): BGC



#45

Dimethylphthalate

Concen: 1.404 ng/uL

RT: 14.17 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BG046904.D

Acq: 14 Oct 2020 22:29

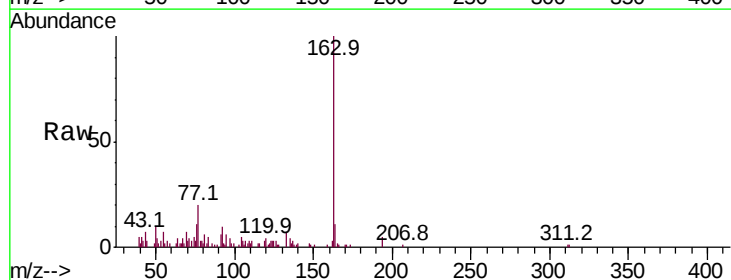
Tgt Ion:163 Resp: 18021

Ion Ratio Lower Upper

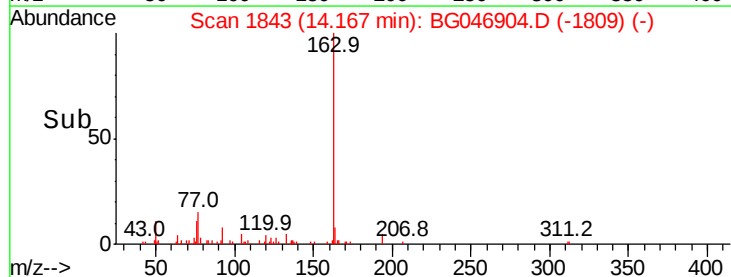
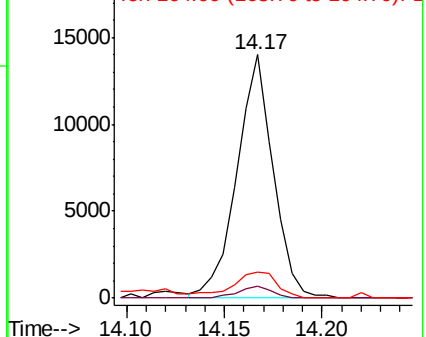
163 100

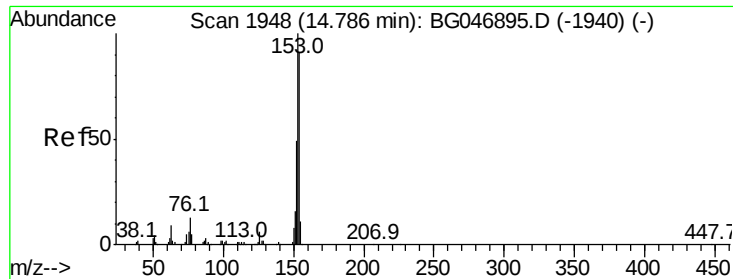
194 5.0 3.6 5.4

164 10.6 7.4 11.0



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





#50

Acenaphthene

Concen: 5.384 ng/ul

RT: 14.78 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BG046904.D

Acq: 14 Oct 2020 22:29

Instrument :

BNA_G

ClientSampleId :

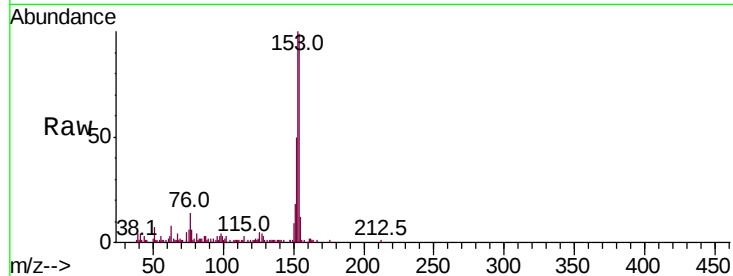
Tot Ion:153 Resp: 56829

Ion Ratio Lower Upper

153 100

152 50.1 37.2 55.8

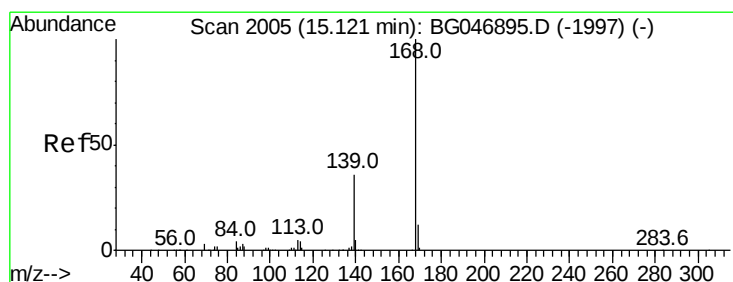
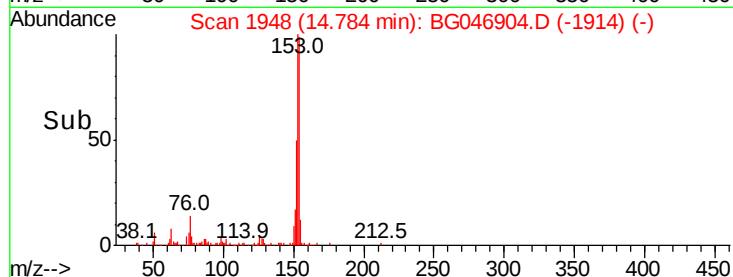
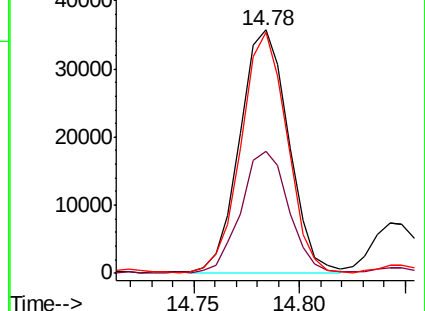
154 98.9 72.9 109.3



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 2.460 ng/ul

RT: 15.12 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG046904.D

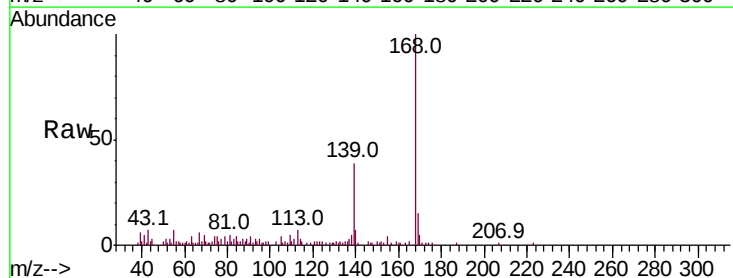
Acq: 14 Oct 2020 22:29

Tgt Ion:168 Resp: 38154

Ion Ratio Lower Upper

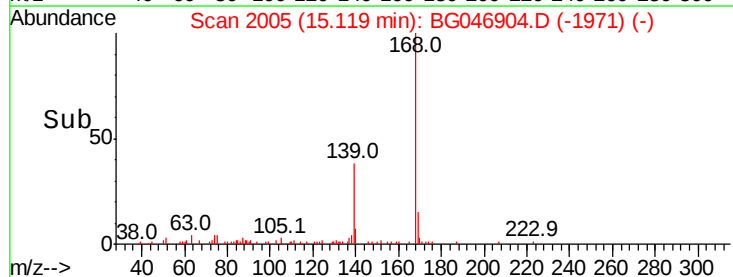
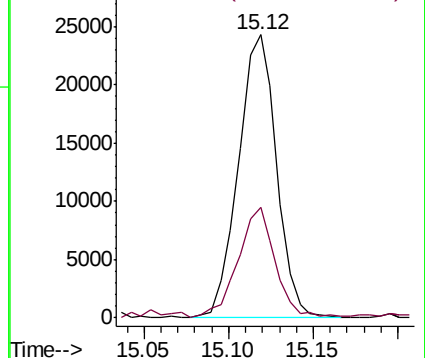
168 100

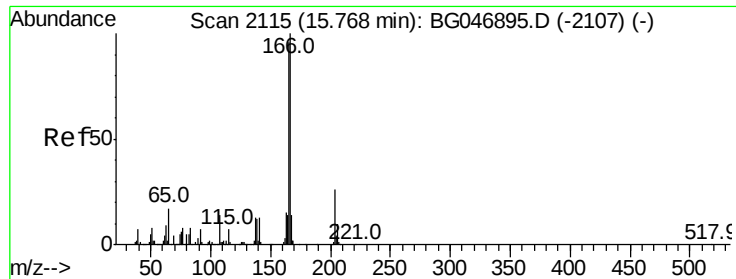
139 39.2 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 1.913 ng/ul

RT: 15.77 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BG046904.D

Acq: 14 Oct 2020 22:29

Instrument :

BNA_G

ClientSampleId :

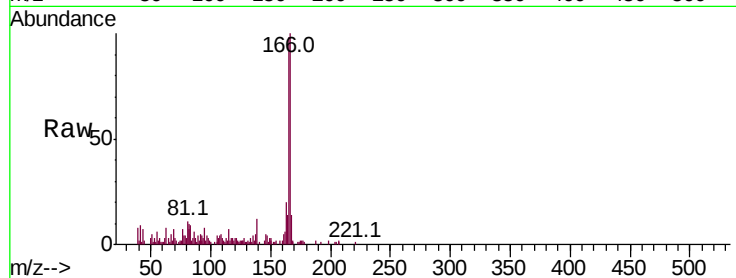
Tot Ion:166 Resp: 24092

Ion Ratio Lower Upper

166 100

165 98.5 74.2 111.2

167 14.3 9.8 14.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

