

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
 Data File : BM023437.D
 Acq On : 29 Oct 2019 11:45
 Operator : JU
 Sample : K5423-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 29 18:04:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 25 07:44:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	359459	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.40	136	1461915	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	874293	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	1767949	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	1819286	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	2117413	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.15	96	57009	7.53	ng/uL	0.00
5) Phenol-d5	6.80	99	268553	8.90	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	507073	28.66	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.16	132	611187	25.90	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	434860	17.73	ng/ul	-0.02
19) Nitrobenzene-d5	8.77	128	340004	30.89	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	370093	30.31	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	686981	28.63	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.54	131	50802	1.84	ng/ul	-0.02
44) Dimethylphthalate-d6	13.69	166	2324508	35.01	ng/ul	-0.01
47) Acenaphthylene-d8	13.96	160	2528316	33.24	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.49	143	96891	8.42	ng/ul	0.00
58) Fluorene-d10	15.27	176	1967782	35.00	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.40	200	292083	26.54	ng/ul	-0.01
71) Anthracene-d10	17.12	188	3145654	37.65	ng/ul	-0.02
79) Pyrene-d10	19.42	212	3482872	34.81	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.27	264	4056732	37.61	ng/ul	-0.01

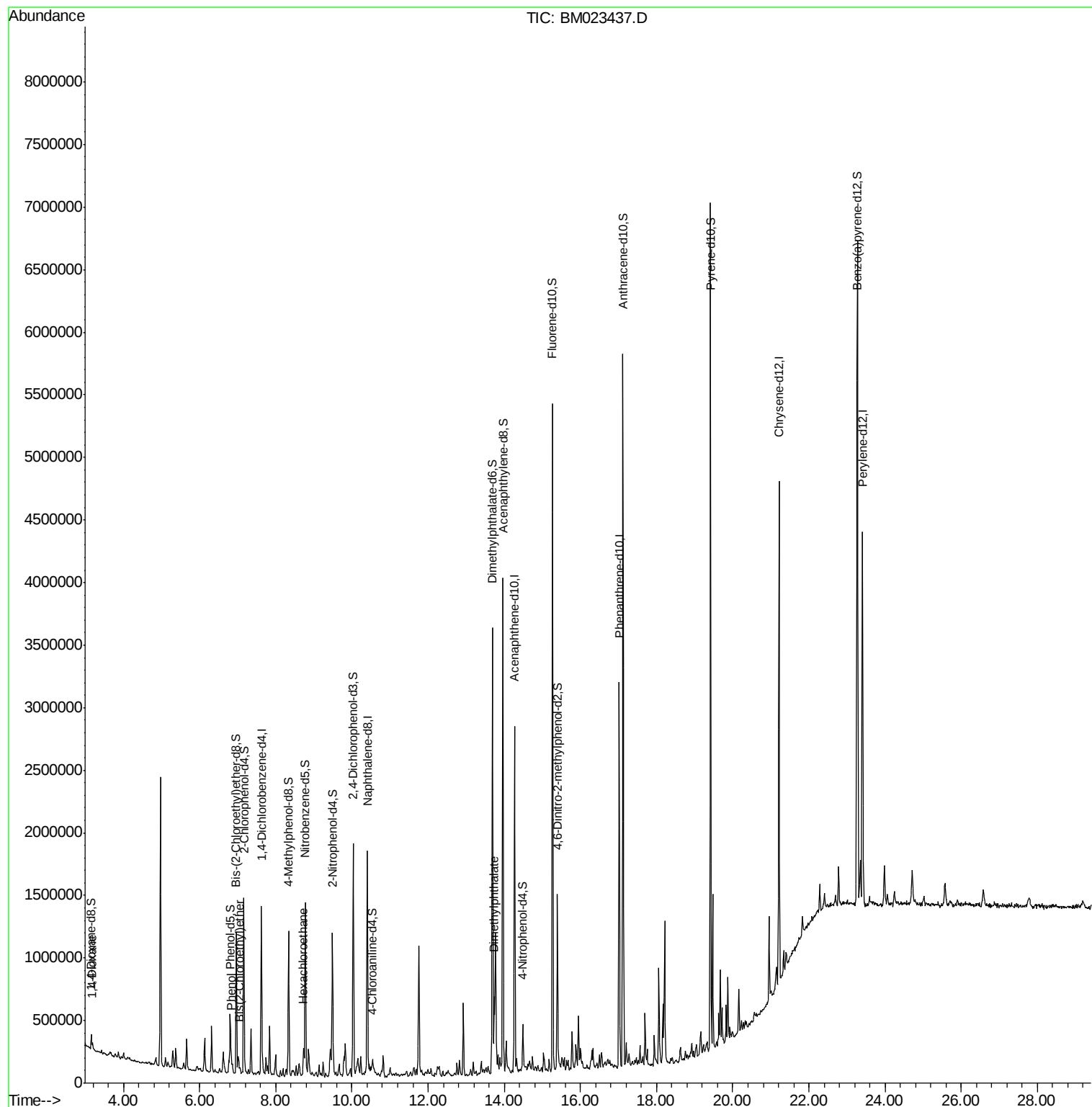
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.19	88	20621	2.561	ng/uL	98
6) Phenol	6.83	94	55472	1.784	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.06	93	28842	1.190	ng/ul	96
17) Hexachloroethane	8.73	117	12756	1.240	ng/ul#	5
45) Dimethylphthalate	13.74	163	347608	5.215	ng/ul	99

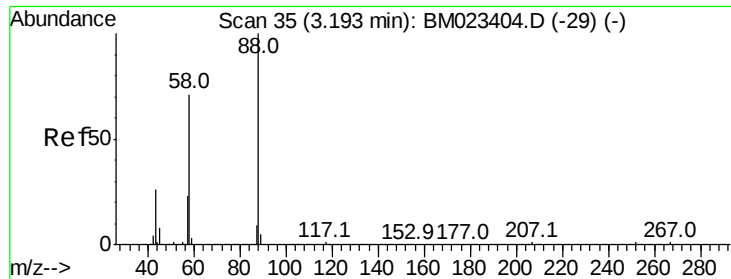
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.561 ng/uL

RT: 3.19 min Scan# 34

Delta R.T. -0.01 min

Lab File: BM023437.D

Acq: 29 Oct 2019 11:45

Instrument :

BNA_M

ClientSampleId :

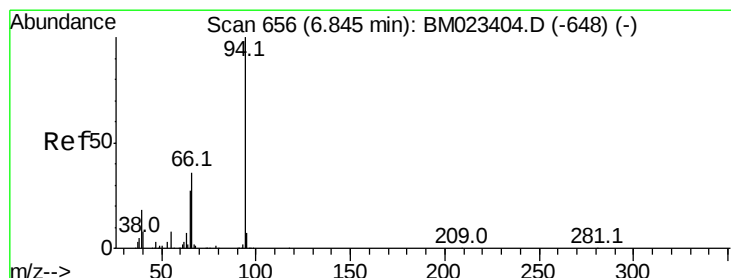
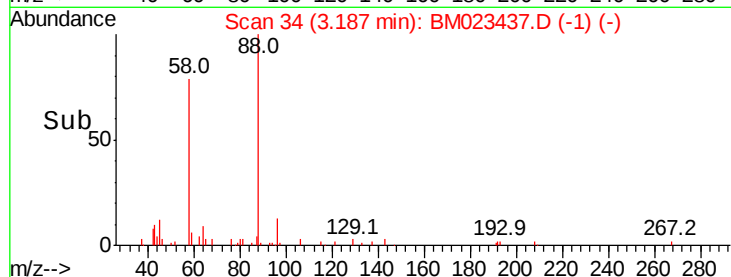
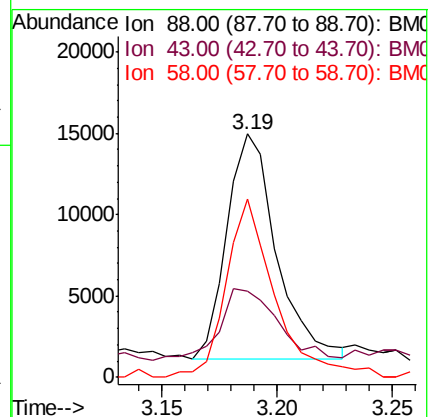
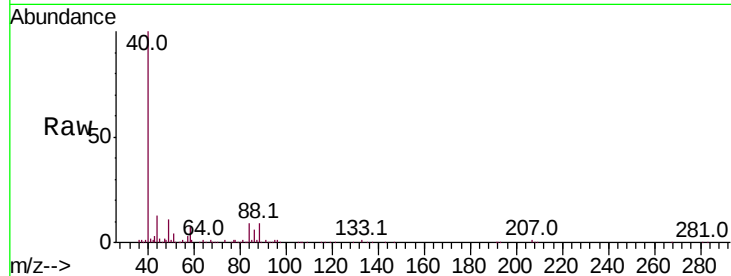
Tot Ion: 88 Resp: 20621

Ion Ratio Lower Upper

88 100

43 35.3 26.3 39.5

58 73.1 58.0 87.0



#6

Phenol

Concen: 1.784 ng/uL

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM023437.D

Acq: 29 Oct 2019 11:45

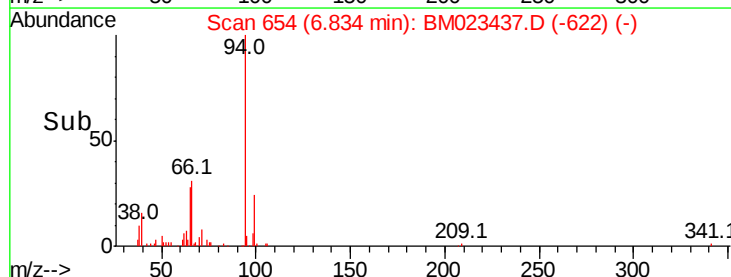
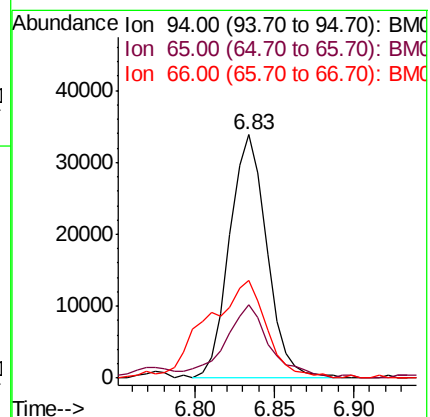
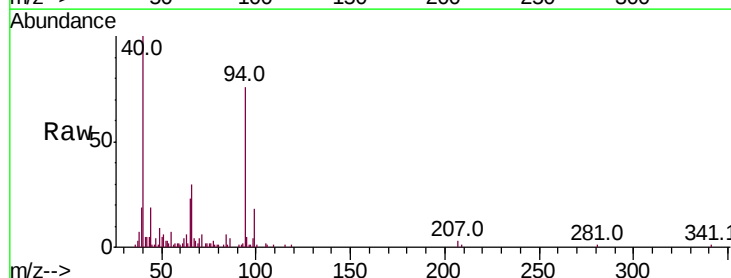
Tgt Ion: 94 Resp: 55472

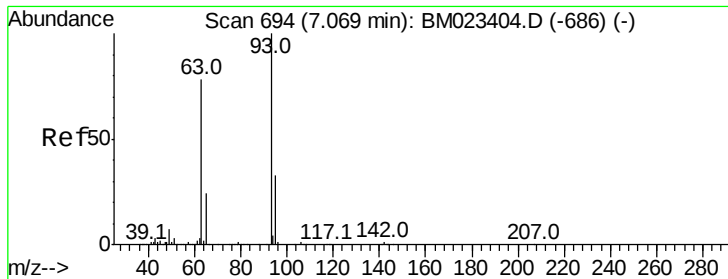
Ion Ratio Lower Upper

94 100

65 30.0 22.9 34.3

66 40.0 31.4 47.2



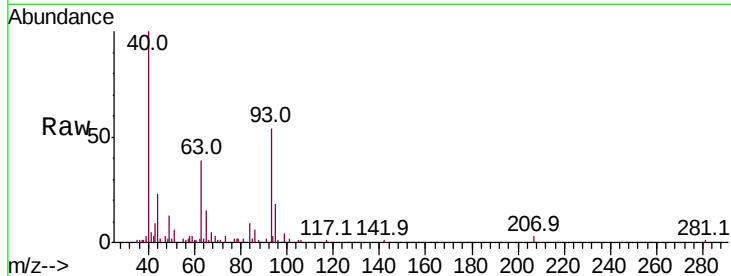


#8

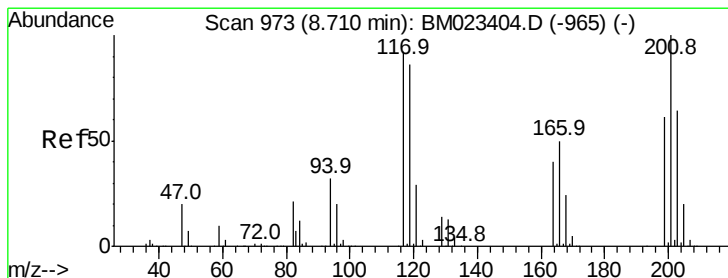
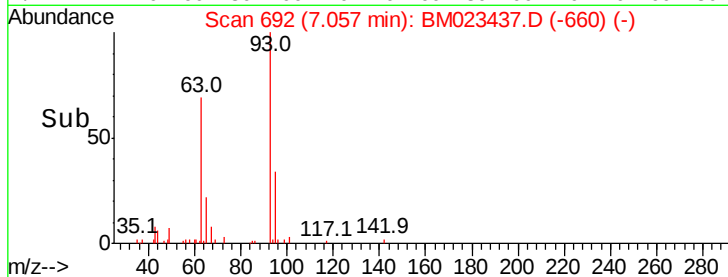
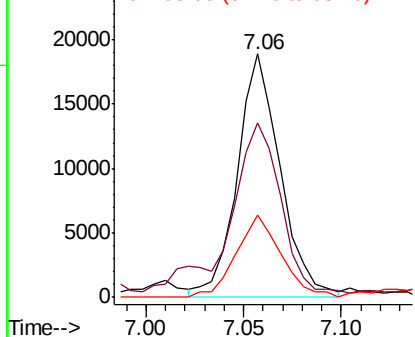
Bis(2-Chloroethyl)ether
 Concen: 1.190 ng/ul
 RT: 7.06 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BM023437.D
 Acq: 29 Oct 2019 11:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 93 Resp: 28842
 Ion Ratio Lower Upper
 93 100
 63 71.9 61.4 92.0
 95 33.6 26.1 39.1



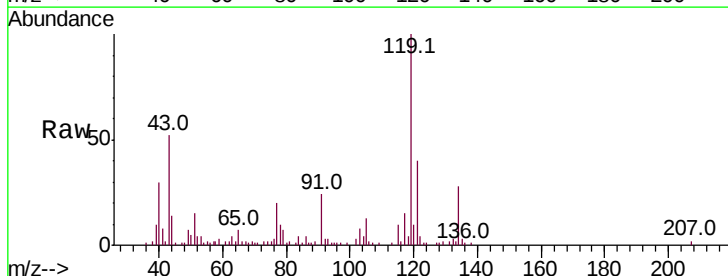
Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0



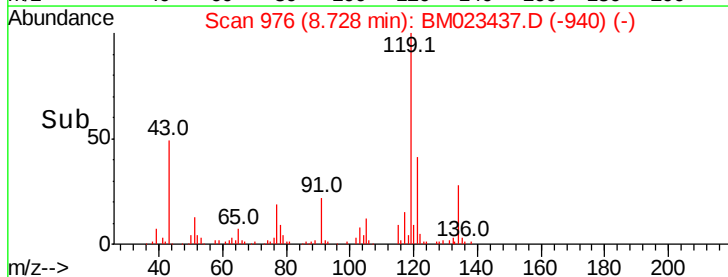
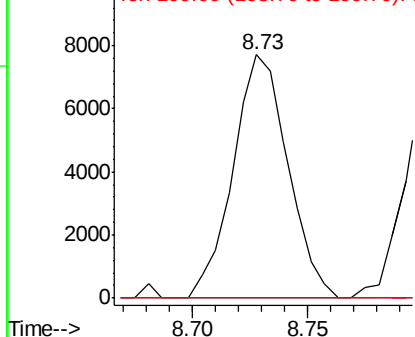
#17

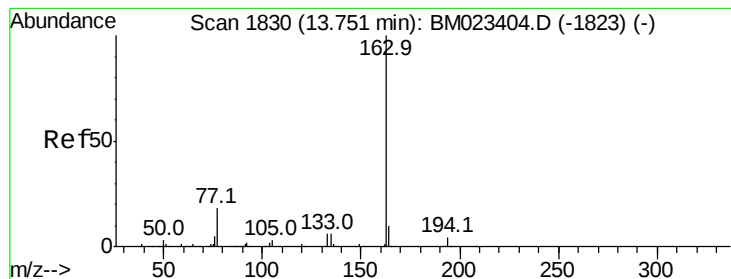
Hexachloroethane
 Concen: 1.240 ng/ul
 RT: 8.73 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: BM023437.D
 Acq: 29 Oct 2019 11:45

Tgt Ion: 117 Resp: 12756
 Ion Ratio Lower Upper
 117 100
 201 0.0 83.5 125.3#
 199 0.0 53.6 80.4#



Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 201.00 (200.70 to 201.70): E
 Ion 199.00 (198.70 to 199.70): E





#45

Dimethylphthalate

Concen: 5.215 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BM023437.D

Acq: 29 Oct 2019 11:45

Instrument :

BNA_M

ClientSampleId :

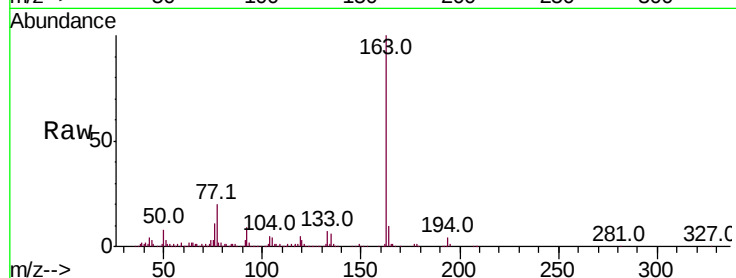
Tot Ion:163 Resp: 347608

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.2 7.9 11.9



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

