

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003664.D
 Acq On : 20 Dec 2015 21:04
 Operator : UM/SJ
 Sample : G4867-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA7

Quant Time: Dec 21 14:49:57 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 03:56:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	7706	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	43029	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	34553	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	105648	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	183133	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	202311	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.87	99	4726	7.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	12534	36.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	15516	29.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	11028	19.61	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	10896	34.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	12407	35.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	22118	34.50	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	13.76	166	106310	37.23	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	118166	36.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	3759	6.76	ng/ul	0.00
58) Fluorene-d10	15.34	176	99518	42.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	17499	29.39	ng/ul	0.00
71) Anthracene-d10	17.19	188	188576	39.23	ng/ul	0.00
79) Pyrene-d10	19.50	212	259850	32.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	381733	37.98	ng/ul	0.00

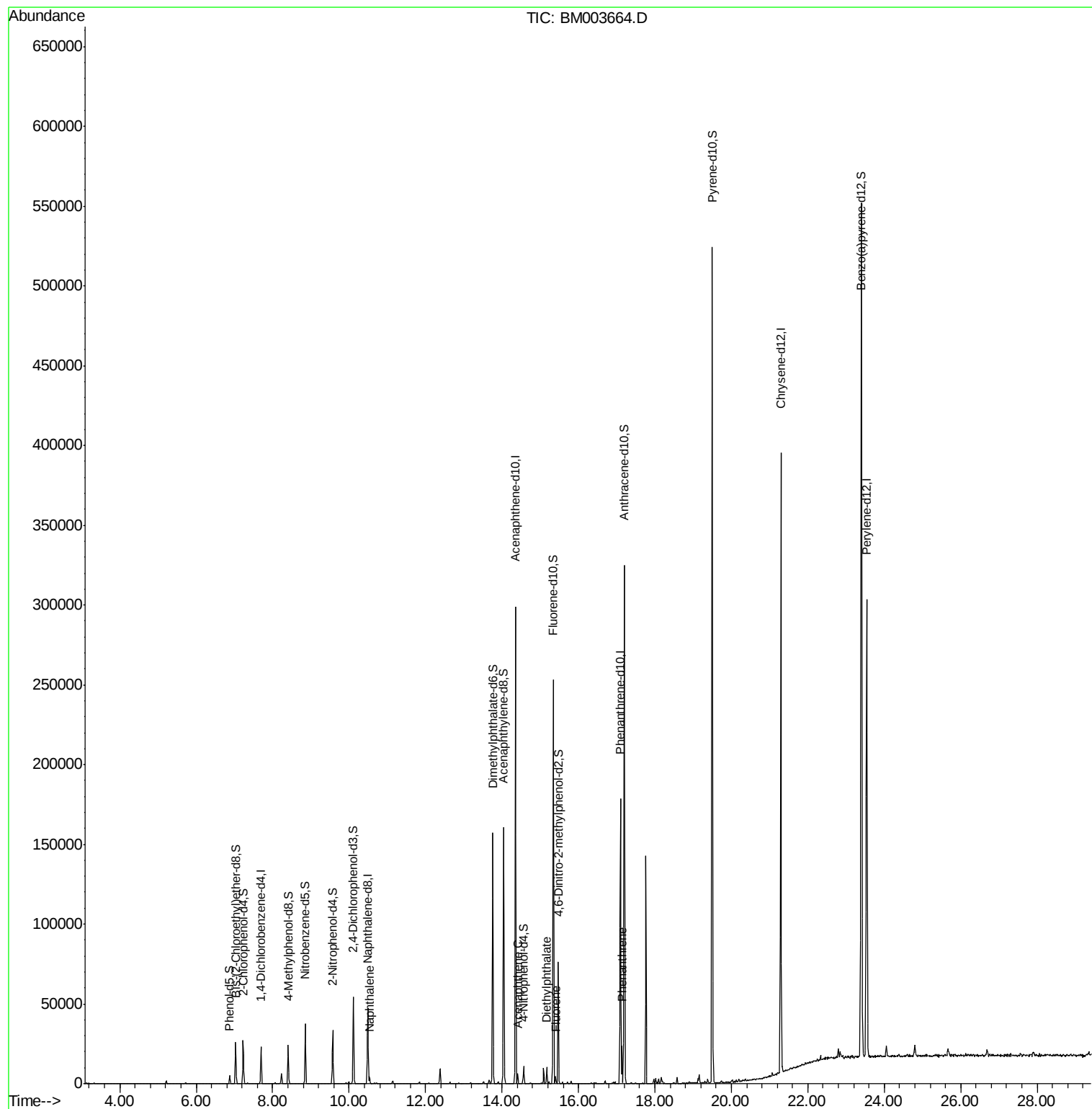
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.53	128	5675	2.56	ng/ul	99
50) Acenaphthene	14.41	153	3441	1.45	ng/ul	93
57) Diethylphthalate	15.17	149	6905	2.23	ng/ul	97
59) Fluorene	15.40	166	3048	1.12	ng/ul#	91
70) Phenanthrene	17.14	178	15612	2.67	ng/ul	99

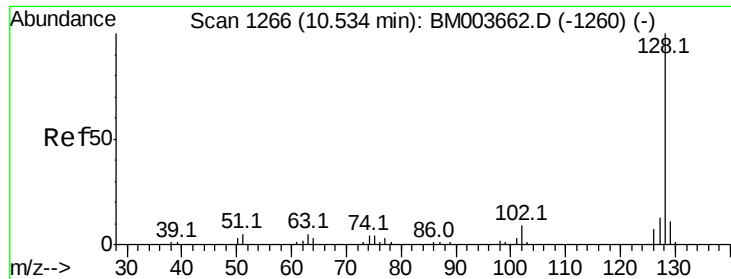
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 2.56 ng/ul

RT: 10.53 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BM003664.D

Acq: 20 Dec 2015 21:04

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G9DA7

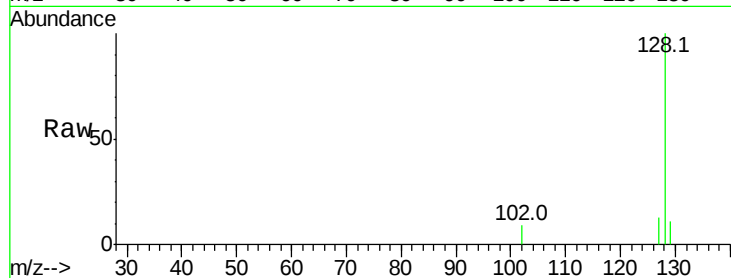
Tot Ion:128 Resp: 5675

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

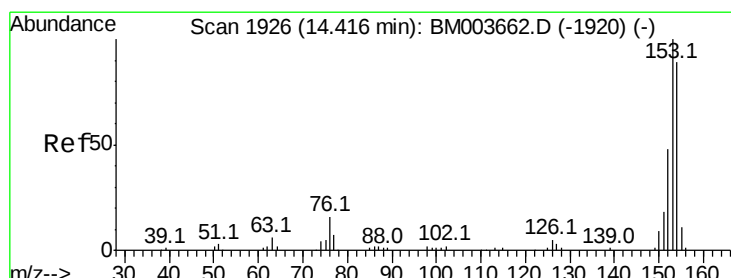
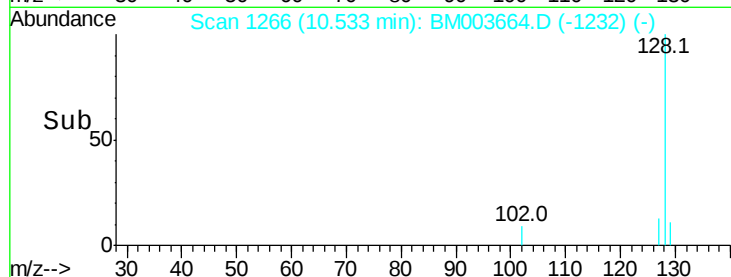
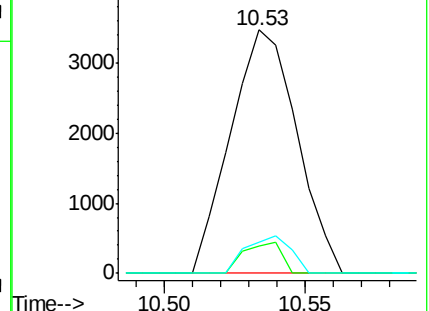
127 12.9 10.5 15.7



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



#50

Acenaphthene

Concen: 1.45 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM003664.D

Acq: 20 Dec 2015 21:04

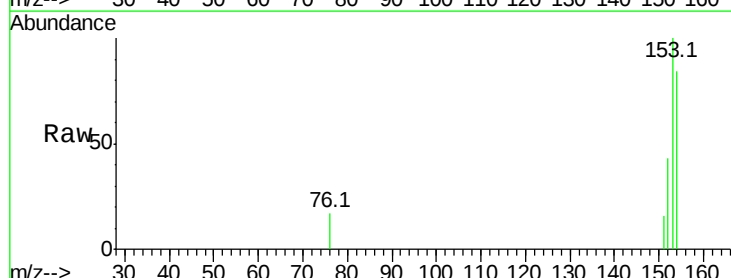
Tgt Ion:153 Resp: 3441

Ion Ratio Lower Upper

153 100

152 43.2 38.3 57.5

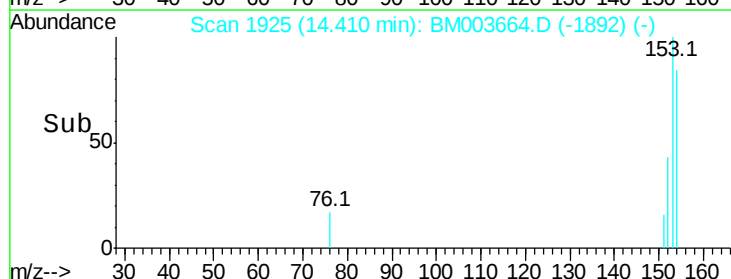
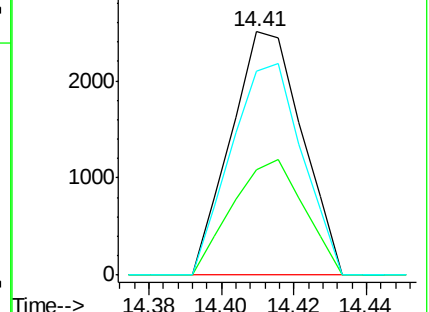
154 83.8 71.8 107.8

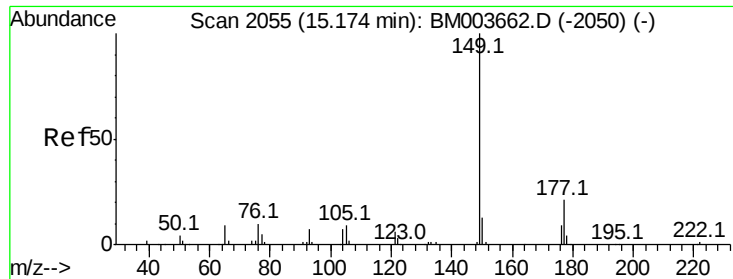


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

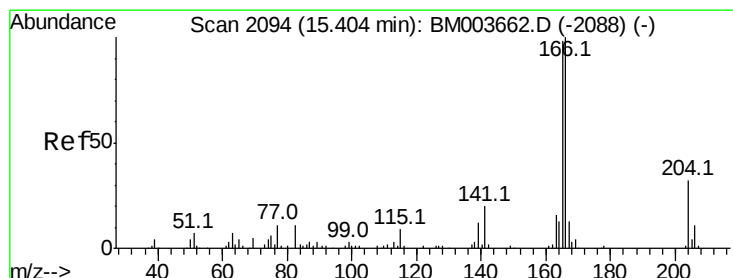
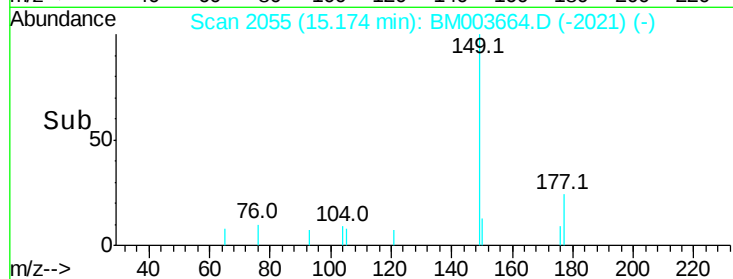
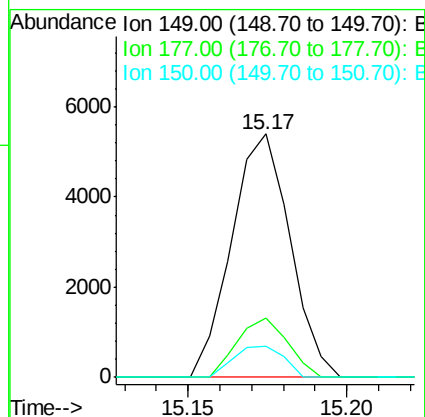
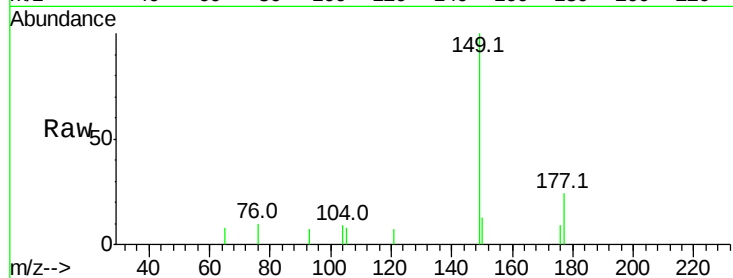




#57
Diethylphthalate
Concen: 2.23 ng/ul
RT: 15.17 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BM003664.D
Acq: 20 Dec 2015 21:04

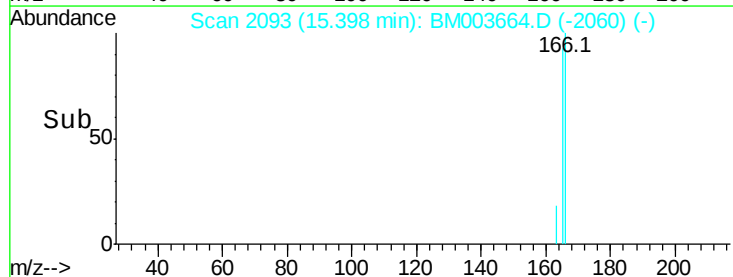
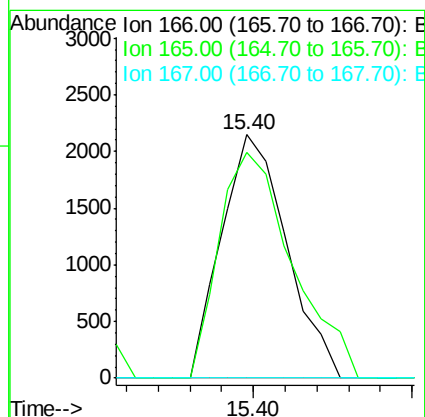
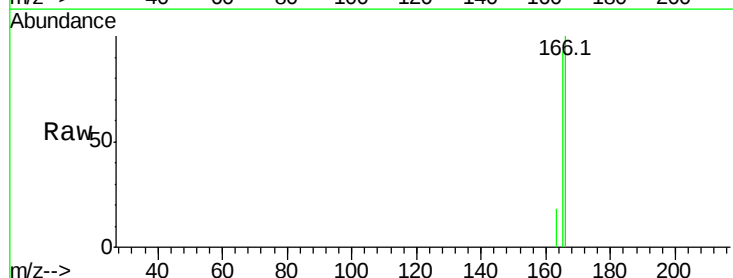
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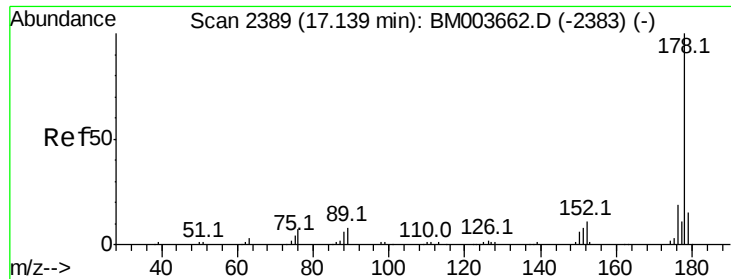
Tot Ion:149 Resp: 6905
Ion Ratio Lower Upper
149 100
177 24.2 17.4 26.2
150 12.5 10.0 15.0



#59
Fluorene
Concen: 1.12 ng/ul
RT: 15.40 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BM003664.D
Acq: 20 Dec 2015 21:04

Tgt Ion:166 Resp: 3048
Ion Ratio Lower Upper
166 100
165 92.5 78.5 117.7
167 0.0 10.7 16.1#





#70

Phenanthrene

Concen: 2.67 ng/ul

RT: 17.14 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BM003664.D

Acq: 20 Dec 2015 21:04

Instrument :

BNA_M

ClientSampleId :

G9DA7

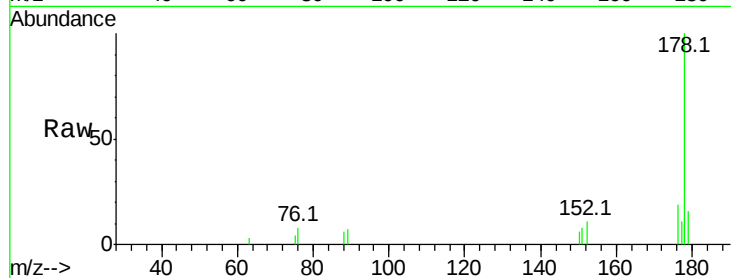
Tot Ion:178 Resp: 15612

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

176 18.9 15.6 23.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

