

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051920\
 Data File : BM026032.D
 Acq On : 19 May 2020 22:04
 Operator : MA/SJ
 Sample : L2681-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 02:25:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 19 10:05:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	166881	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	698326	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	414560	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	867084	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	892212	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	928825	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	28273	5.11	ng/uL	0.00
5) Phenol-d5	6.69	99	123632	8.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	343388	32.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	312579	26.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	224275	19.66	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	188490	33.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	202782	36.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	358113	31.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	37482	3.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1205387	36.26	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1368728	34.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	43618	7.41	ng/ul	0.00
58) Fluorene-d10	15.15	176	1016406	35.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	181071	35.82	ng/ul	0.00
71) Anthracene-d10	16.99	188	1583149	37.05	ng/ul	0.00
79) Pyrene-d10	19.29	212	1778283	38.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	1899026	38.41	ng/ul	0.00

Target Compounds

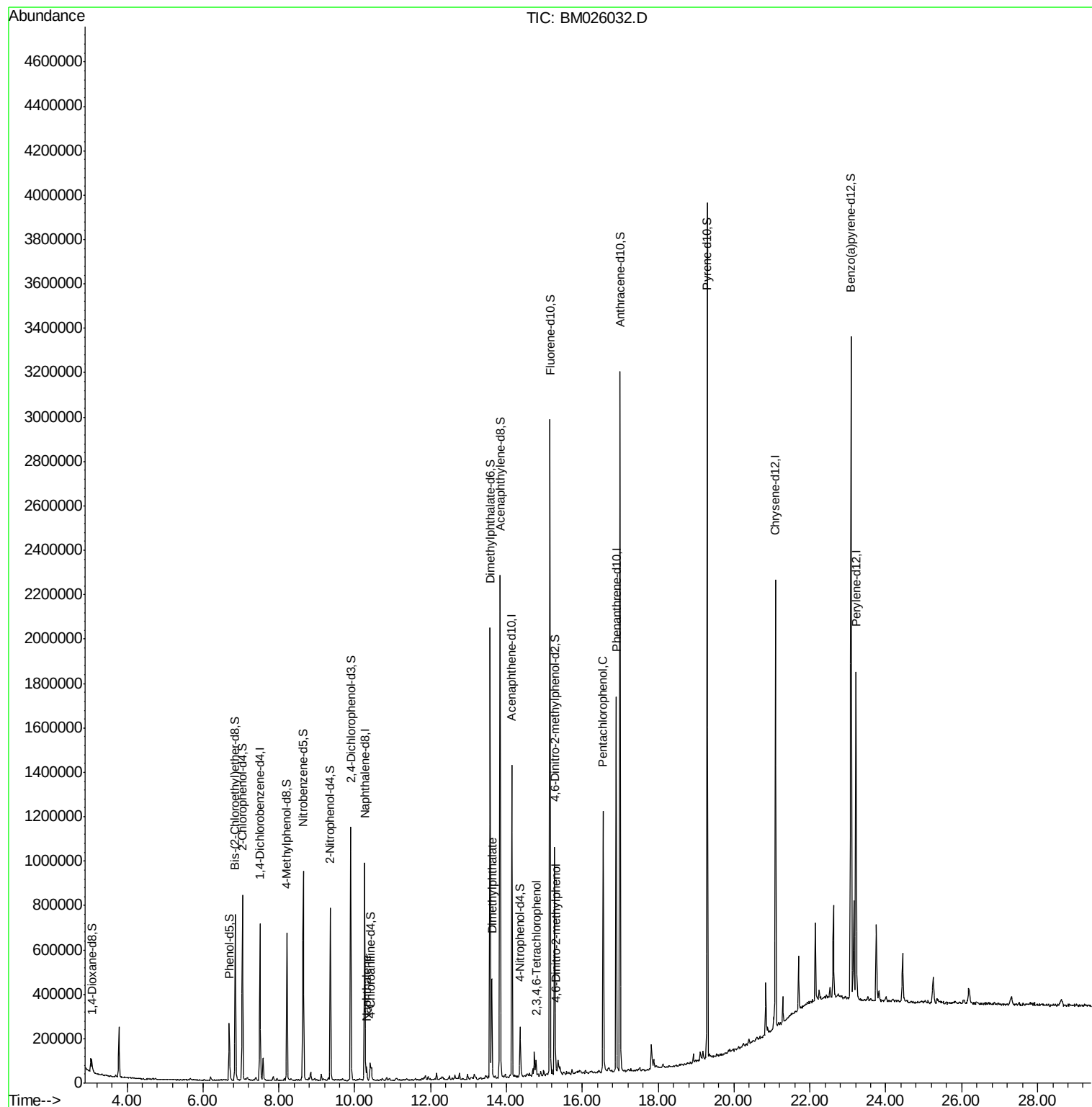
					Ovalue
28) Naphthalene	10.31	128	44586	1.044 ng/ul	97
45) Dimethylphthalate	13.62	163	256379	7.345 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.78	232	10838	1.351 ng/ul#	89
64) 4,6-Dinitro-2-methylphenol	15.30	198	6131	1.152 ng/ul	94
69) Pentachlorophenol	16.55	266	176468	28.223 ng/ul	97

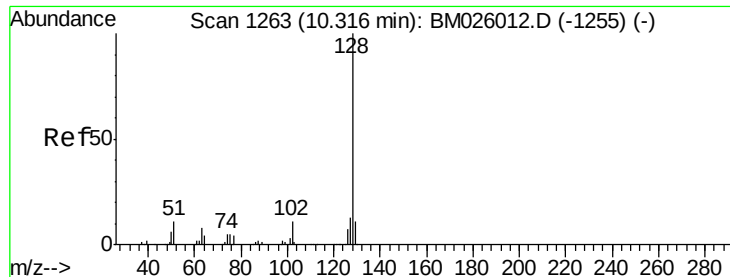
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 1.044 ng/ul

RT: 10.31 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BM026032.D

Acq: 19 May 2020 22:04

Instrument :

BNA_M

ClientSampleId :

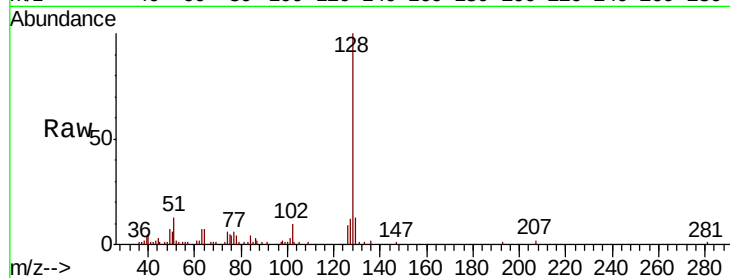
Tot Ion:128 Resp: 44586

Ion Ratio Lower Upper

128 100

129 12.9 9.0 13.4

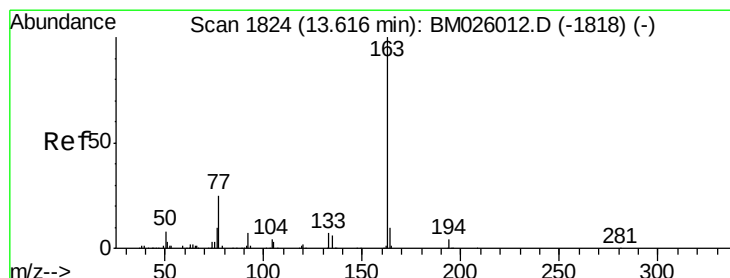
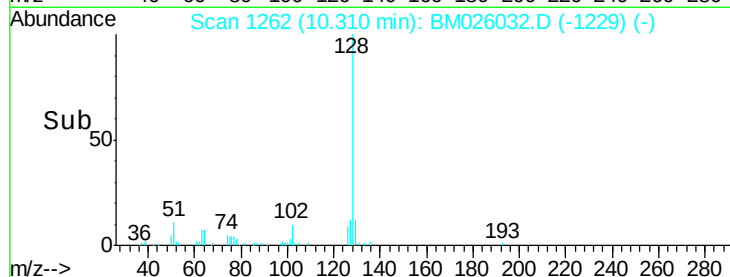
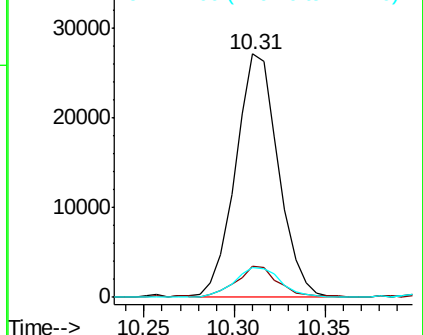
127 12.4 10.6 15.8



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



#45

Dimethylphthalate

Concen: 7.345 ng/ul

RT: 13.62 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BM026032.D

Acq: 19 May 2020 22:04

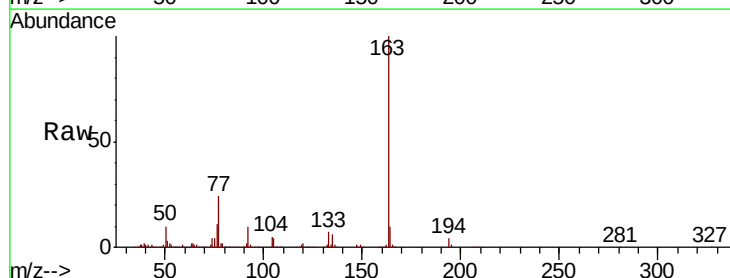
Tgt Ion:163 Resp: 256379

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

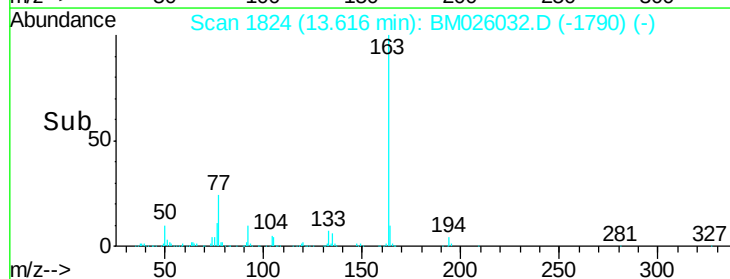
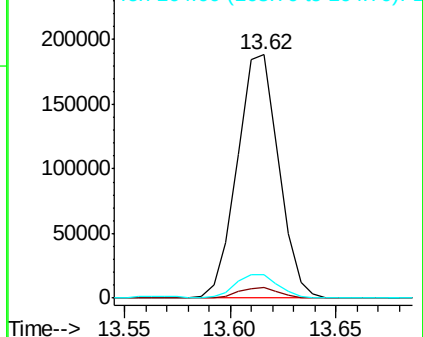
164 9.8 8.0 12.0

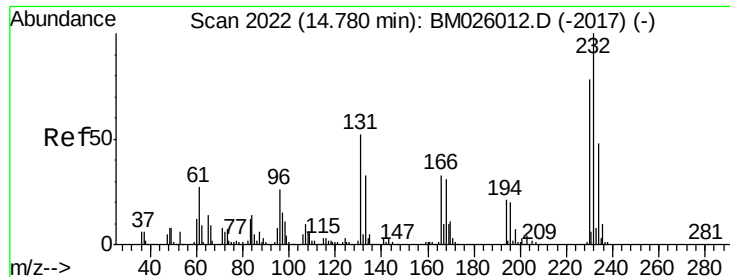


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,3,4,6-Tetrachlorophenol

Concen: 1.351 ng/ul

RT: 14.78 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BM026032.D

Acq: 19 May 2020 22:04

Instrument :

BNA_M

ClientSampleId :

Tot Ion:232 Resp: 10838

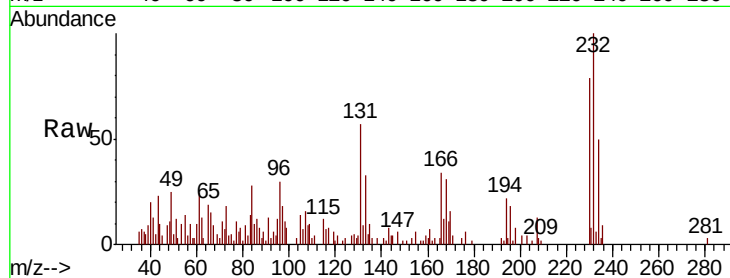
Ion Ratio Lower Upper

232 100

131 56.9 37.0 55.4#

130 3.9 1.8 2.8#

166 33.6 25.4 38.0



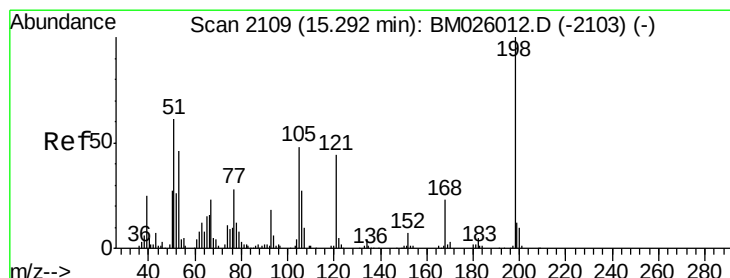
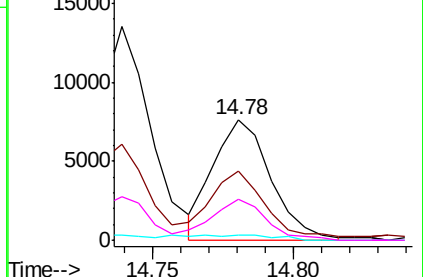
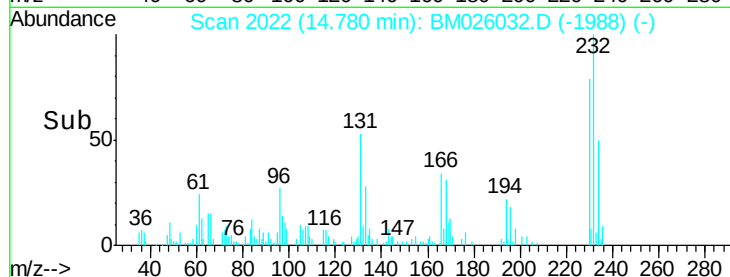
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 1.152 ng/ul

RT: 15.30 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BM026032.D

Acq: 19 May 2020 22:04

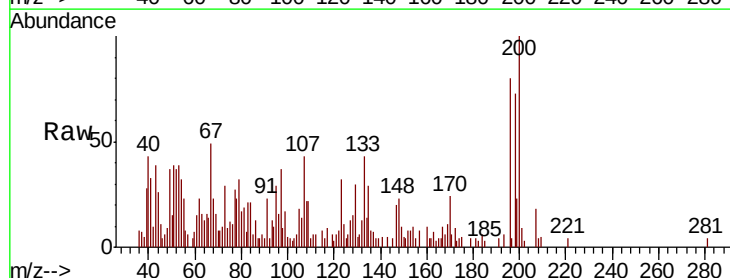
Tgt Ion:198 Resp: 6131

Ion Ratio Lower Upper

198 100

182 4.7 3.8 5.8

77 37.3 27.0 40.4

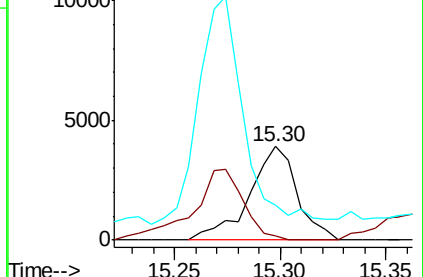
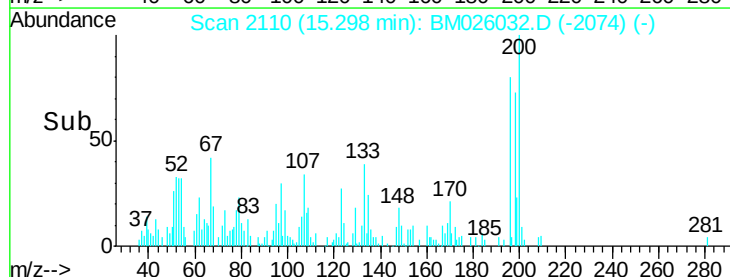


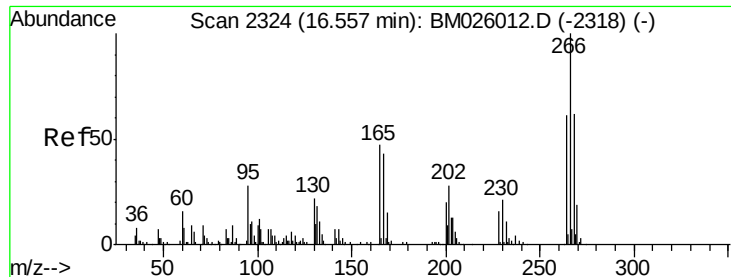
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM

Time-->





#69

Pentachlorophenol

Concen: 28.223 ng/ul

RT: 16.55 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BM026032.D

Acq: 19 May 2020 22:04

Instrument :

BNA_M

ClientSampleId :

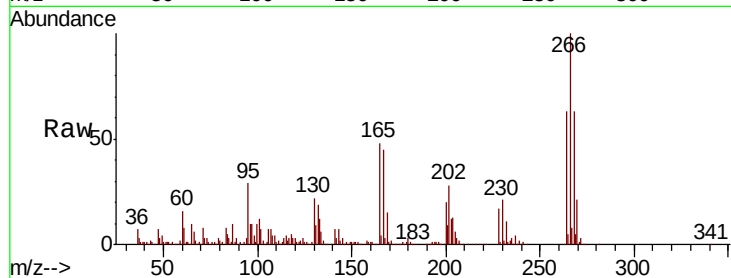
Tot Ion:266 Resp: 176468

Ion Ratio Lower Upper

266 100

264 63.0 49.3 73.9

268 62.8 52.4 78.6



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

