

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030321\
 Data File : BM028976.D
 Acq On : 03 Mar 2021 14:26
 Operator : CG/JU
 Sample : M1546-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FZ6

Quant Time: Mar 03 14:57:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 03 10:15:41 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	13099	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	51153	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	28951	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	54978	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	47897	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	47713	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	1321	4.54	ng/uL	0.00
5) Phenol-d5	6.95	99	7490	7.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	21763	40.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	26799	31.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	15048	19.76	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	15414	41.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	17369	42.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	27769	36.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	1439	1.66	ng/ul	0.01
44) Dimethylphthalate-d6	13.84	166	89518	44.98	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	111641	41.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	2054	5.93	ng/ul	0.01
58) Fluorene-d10	15.43	176	76446	44.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	13007	39.67	ng/ul	0.00
71) Anthracene-d10	17.27	188	114163	45.68	ng/ul	0.00
79) Pyrene-d10	19.56	212	115804	49.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	111114	45.84	ng/ul	0.00

Target Compounds

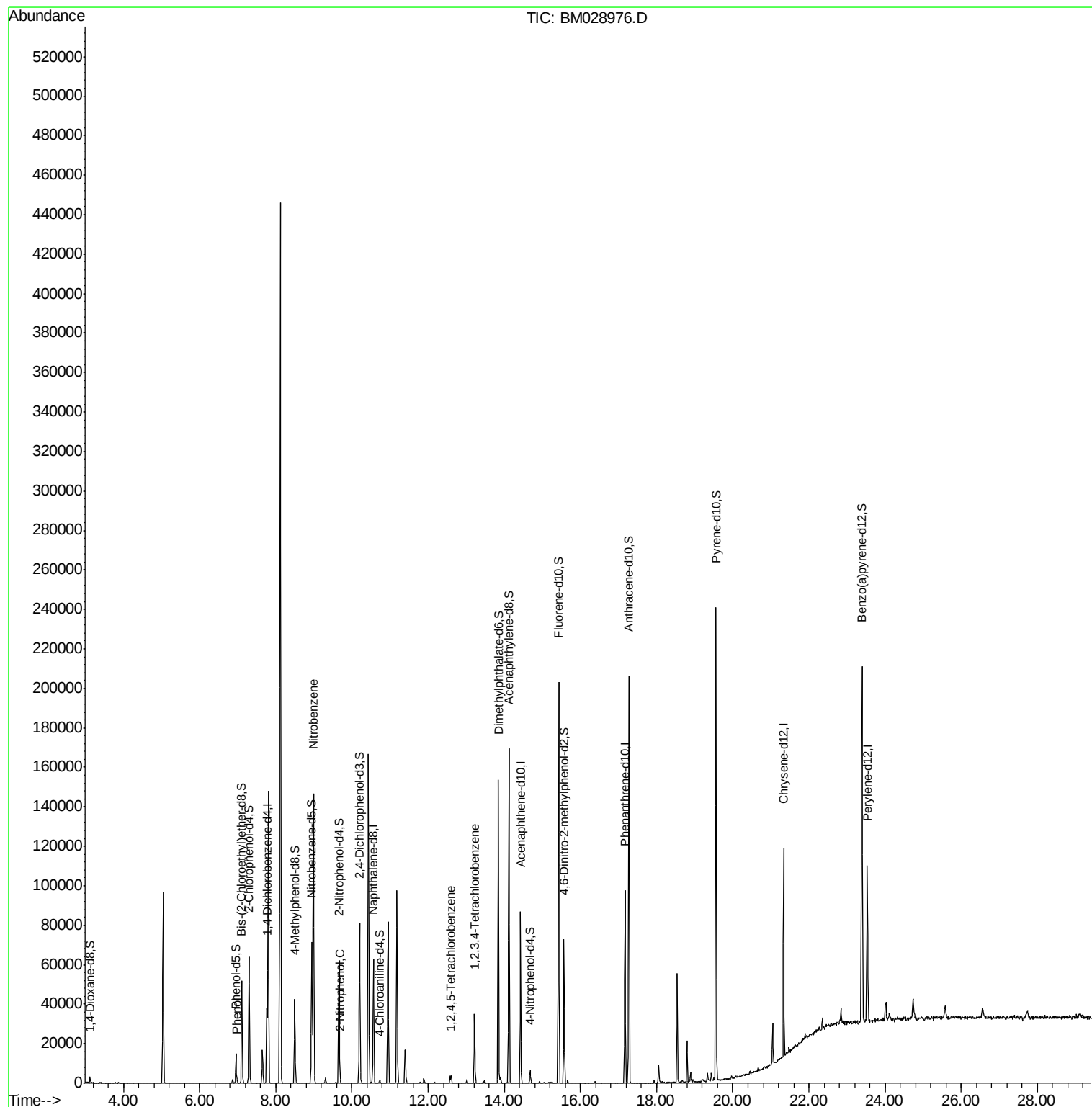
					Ovalue
6) Phenol	6.99	94	1237	1.259	ng/ul 98
20) Nitrobenzene	8.99	77	67622	78.277	ng/ul 99
23) 2-Nitrophenol	9.70	139	588	1.271	ng/ul# 67
37) 1,2,4,5-Tetrachlorobenzene	12.61	216	1545	1.713	ng/ul 97
73) 1,2,3,4-Tetrachlorobenzene	13.22	216	9831	11.397	ng/uL 98

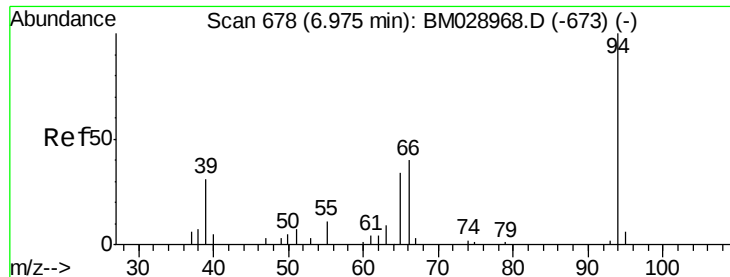
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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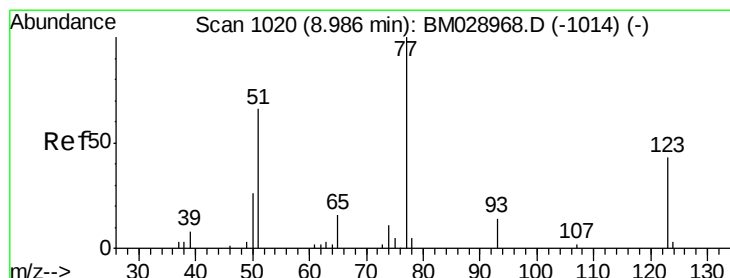
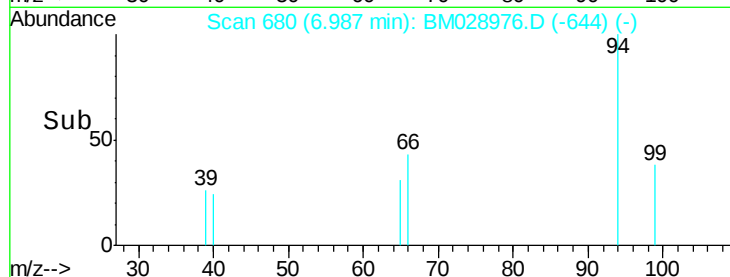
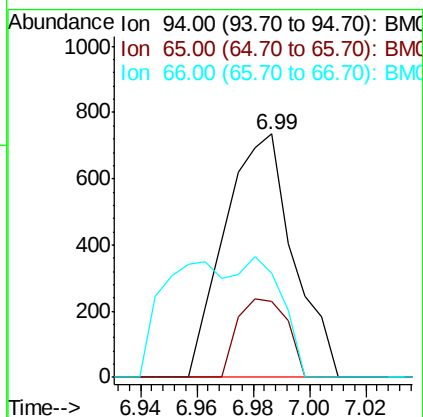
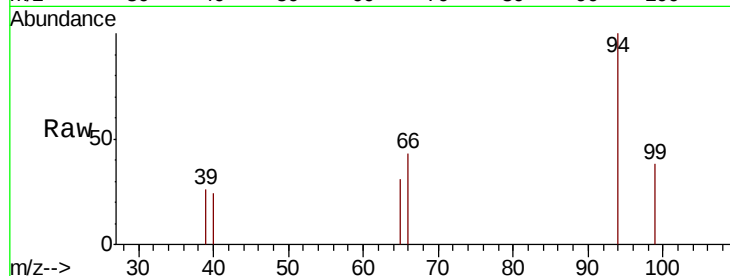
#6

Phenol

Concen: 1.259 ng/ul
 RT: 6.99 min Scan# 680
 Delta R.T. 0.01 min
 Lab File: BM028976.D
 Acq: 03 Mar 2021 14:26

Instrument :
 BNA_M
 ClientSampleId :
 C0FZ6

Tot Ion: 94 Resp: 1237
 Ion Ratio Lower Upper
 94 100
 65 31.3 27.1 40.7
 66 42.9 34.6 51.8

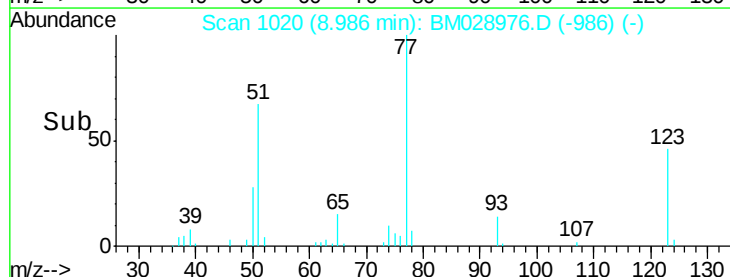
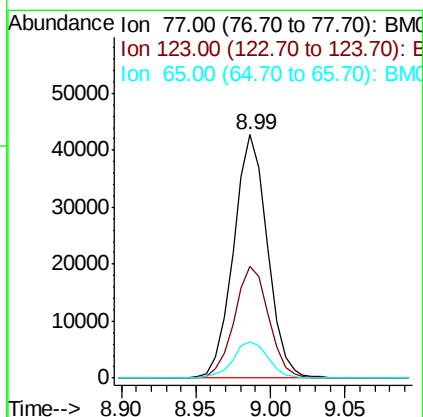
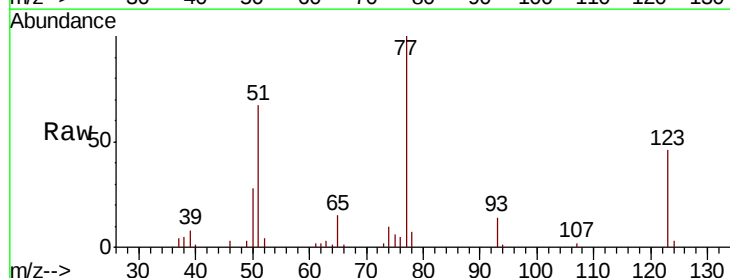


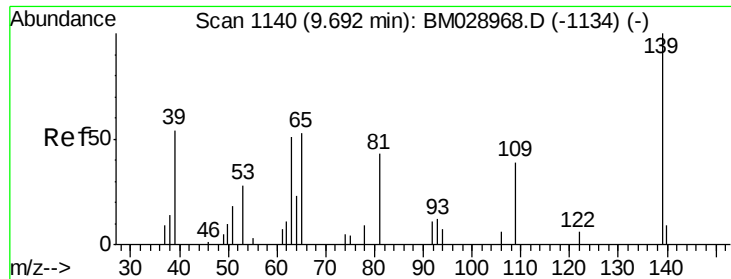
#20

Nitrobenzene

Concen: 78.277 ng/ul
 RT: 8.99 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BM028976.D
 Acq: 03 Mar 2021 14:26

Tgt Ion: 77 Resp: 67622
 Ion Ratio Lower Upper
 77 100
 123 45.9 37.0 55.4
 65 14.9 11.6 17.4





#23

2-Nitrophenol

Concen: 1.271 ng/ul

RT: 9.70 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BM028976.D

Acq: 03 Mar 2021 14:26

Instrument :

BNA_M

ClientSampled :

C0FZ6

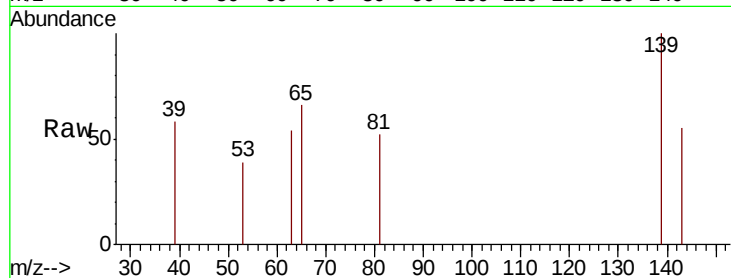
Tot Ion:139 Resp: 588

Ion Ratio Lower Upper

139 100

65 65.6 42.9 64.3#

109 0.0 27.4 41.0#

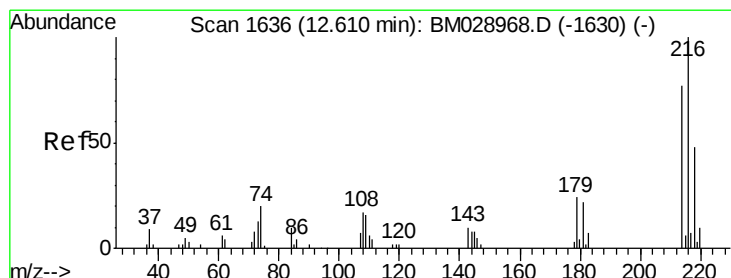
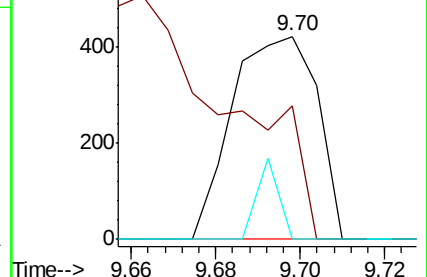
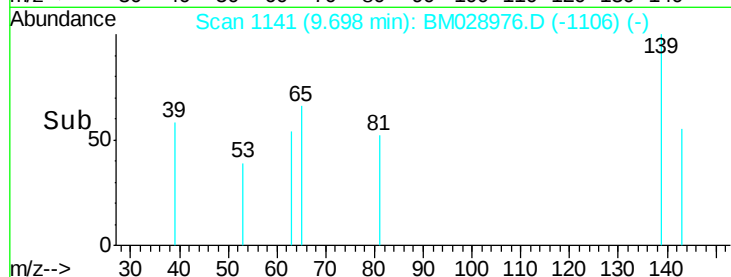


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E

Time-->



#37

1,2,4,5-Tetrachlorobenzene

Concen: 1.713 ng/ul

RT: 12.61 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BM028976.D

Acq: 03 Mar 2021 14:26

Tgt Ion:216 Resp: 1545

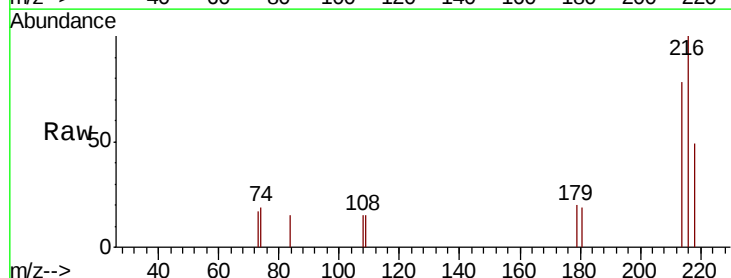
Ion Ratio Lower Upper

216 100

214 77.6 60.6 91.0

179 19.7 16.7 25.1

108 14.6 13.5 20.3



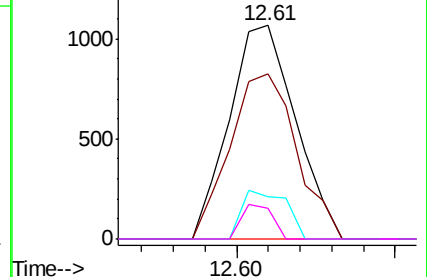
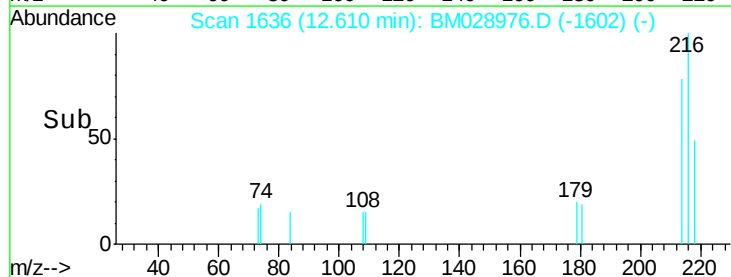
Abundance Ion 216.00 (215.70 to 216.70): E

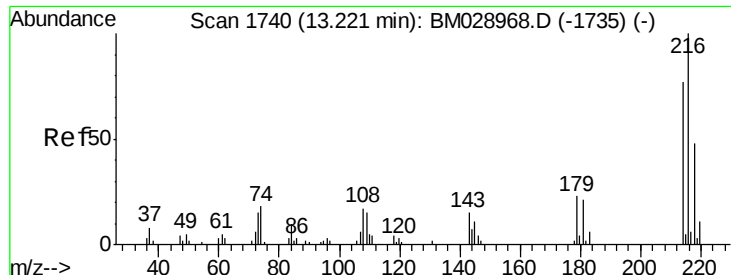
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->

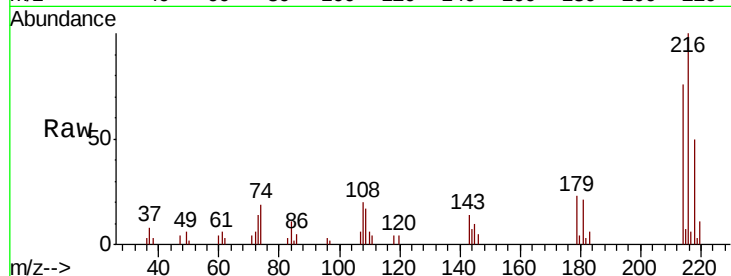




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 11.397 ng/uL
 RT: 13.22 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: BM028976.D
 Acq: 03 Mar 2021 14:26

Instrument :
 BNA_M
 ClientSampleId :
 C0FZ6

Tot Ion	Ratio	Lower	Upper
216	100		
214	76.4	60.3	90.5
218	49.5	37.5	56.3



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

