

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
 Data File : BM022607.D
 Acq On : 09 Sep 2019 17:18
 Operator : HP/JU
 Sample : K4707-04DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 10 01:17:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 09 07:45:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	259819	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1102618	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	686003	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	1421969	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1443404	20.00	ng/ul	0.00
86) Perylene-d12	23.68	264	1592060	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	2072	0.33	ng/uL	0.00
5) Phenol-d5	7.01	99	31776	1.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	90850	6.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	96568	5.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	60001	3.08	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	54247	6.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	50242	6.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	104962	5.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	12932	0.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	396983	7.14	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	433861	6.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	9733	1.03	ng/ul	0.00
58) Fluorene-d10	15.47	176	339447	7.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	28740	4.45	ng/ul	0.00
71) Anthracene-d10	17.32	188	534978	7.34	ng/ul	0.00
79) Pyrene-d10	19.60	212	610493	7.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	626114	7.32	ng/ul	0.00

Target Compounds

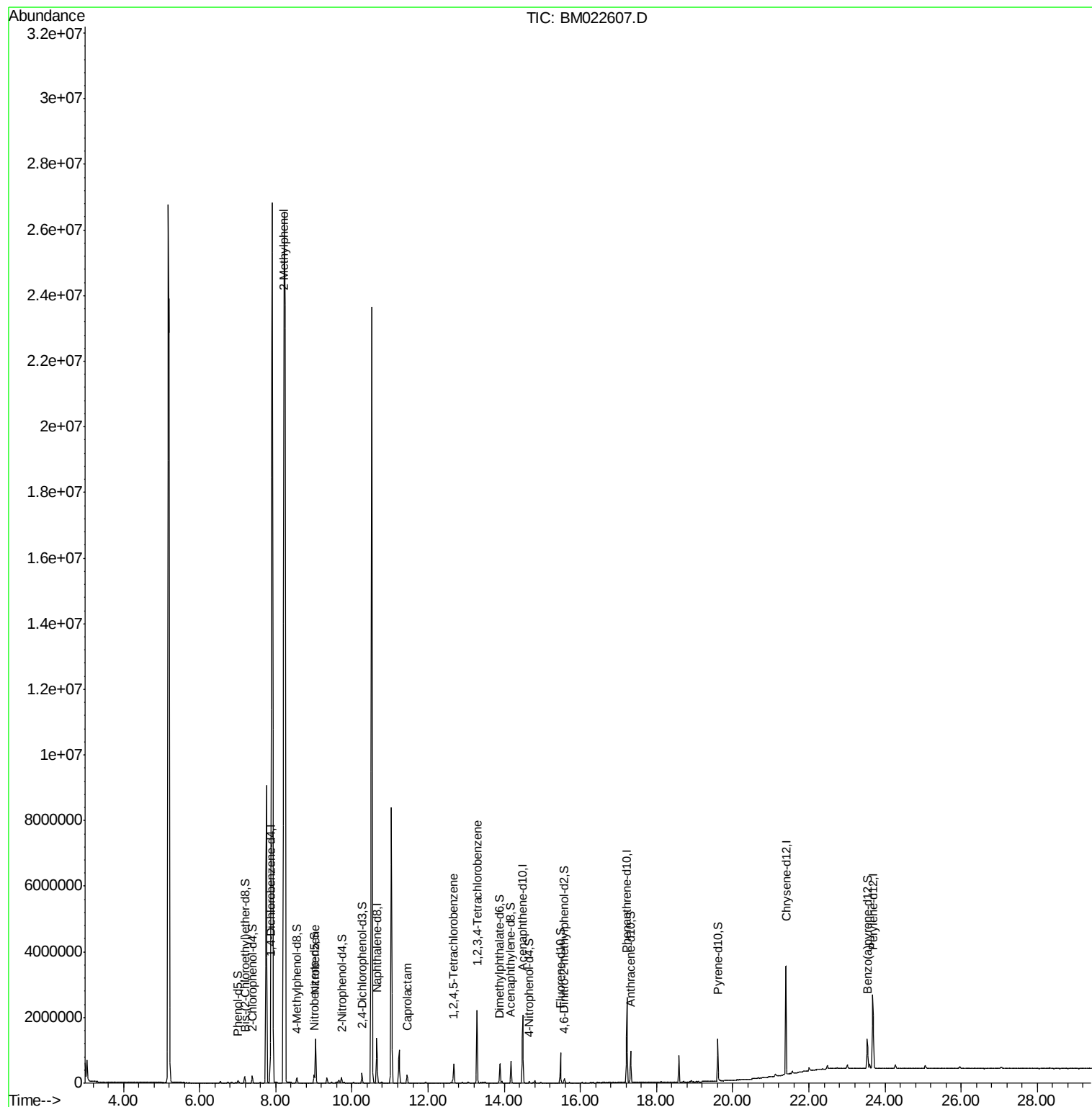
					Ovalue
11) 2-Methylphenol	8.22	108	127981	6.548 ng/ul	93
20) Nitrobenzene	9.05	77	721270	36.240 ng/ul	99
32) Caprolactam	11.45	113	16891	2.468 ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	199220	9.000 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	649410	29.336 ng/uL	99

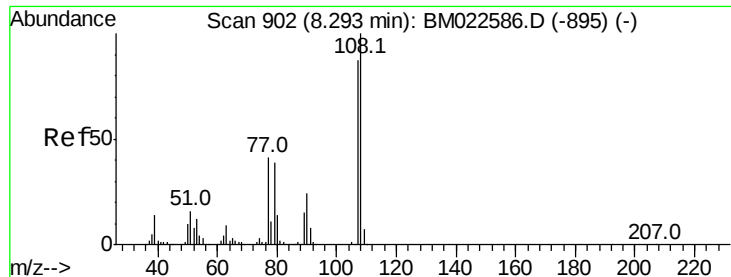
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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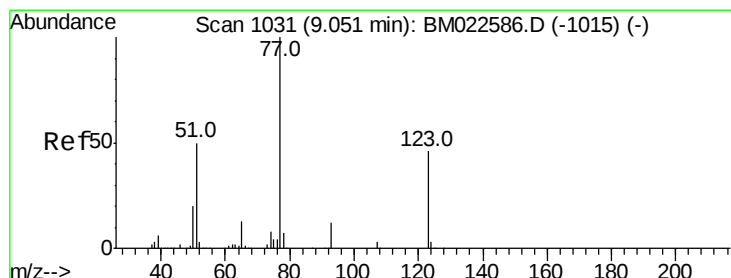
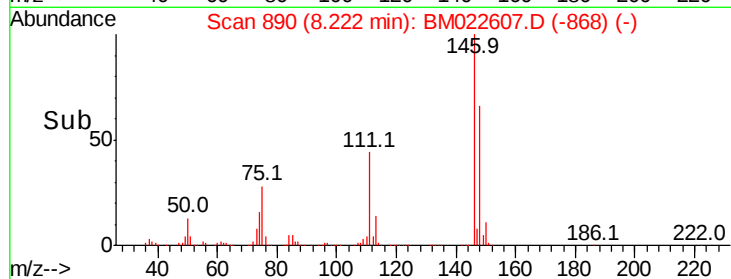
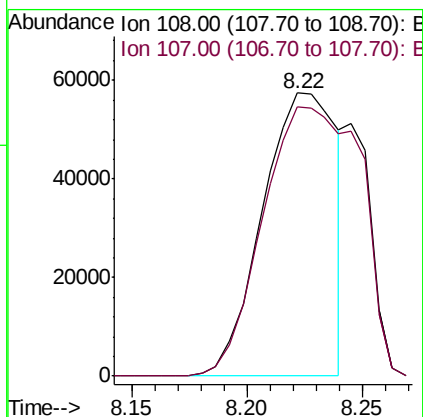
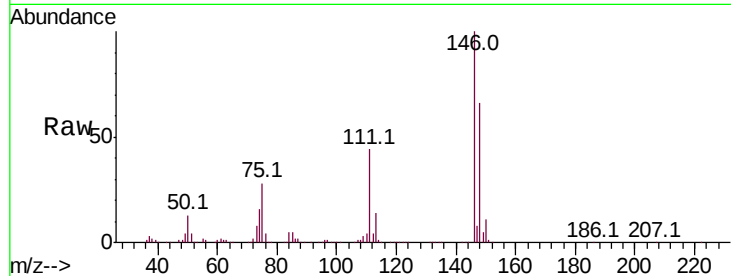




#11
2-Methylphenol
Concen: 6.548 ng/ul
RT: 8.22 min Scan# 890
Delta R.T. -0.07 min
Lab File: BM022607.D
Acq: 09 Sep 2019 17:18

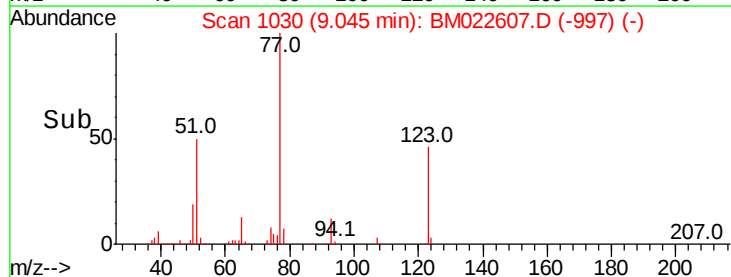
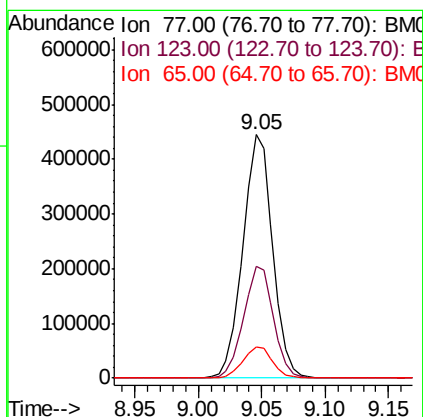
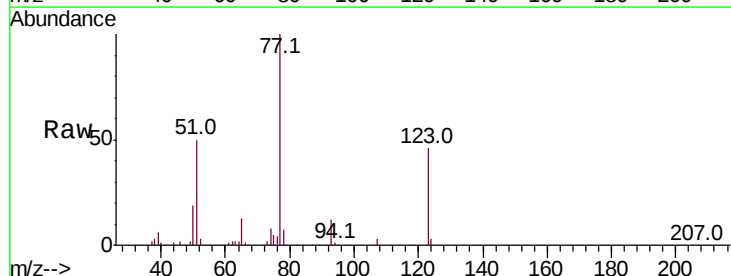
Instrument :
BNA_M
ClientSampleId :

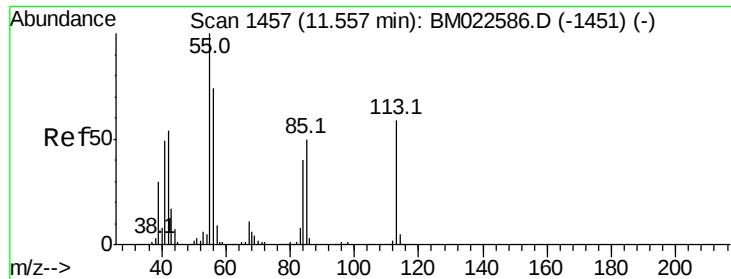
Tot Ion: 108 Resp: 127981
Ion Ratio Lower Upper
108 100
107 95.0 70.7 106.1



#20
Nitrobenzene
Concen: 36.240 ng/ul
RT: 9.05 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM022607.D
Acq: 09 Sep 2019 17:18

Tgt Ion: 77 Resp: 721270
Ion Ratio Lower Upper
77 100
123 45.8 35.8 53.6
65 12.9 10.5 15.7





#32

Caprolactam

Concen: 2.468 ng/ul

RT: 11.45 min Scan# 1439

Delta R.T. -0.11 min

Lab File: BM022607.D

Acq: 09 Sep 2019 17:18

Instrument :

BNA_M

ClientSampled :

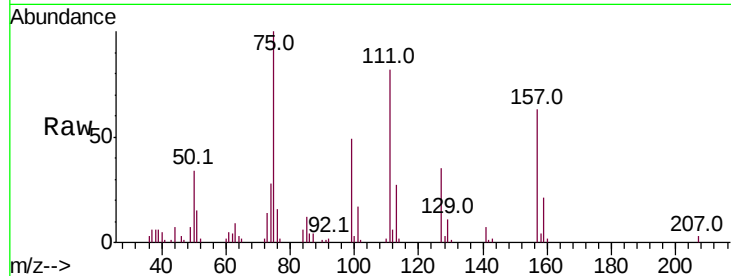
Tot Ion:113 Resp: 16891

Ion Ratio Lower Upper

113 100

55 0.0 135.6 203.4#

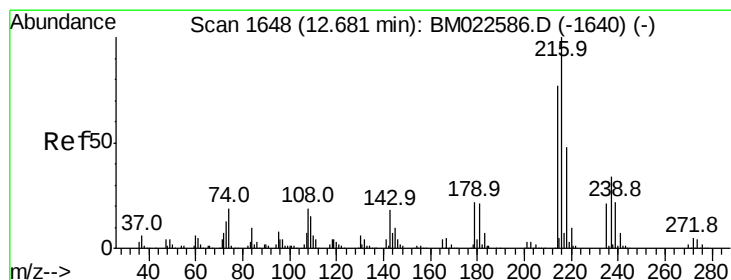
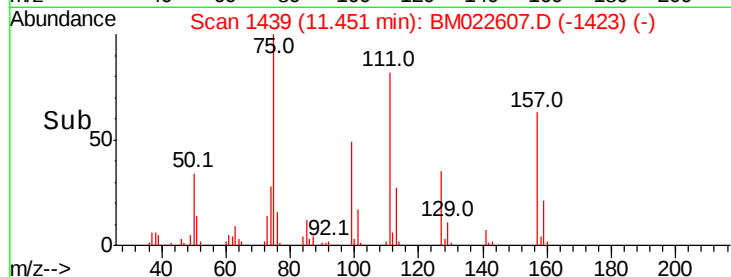
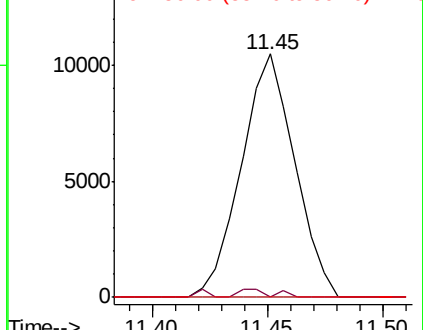
56 0.0 98.4 147.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#37

1,2,4,5-Tetrachlorobenzene

Concen: 9.000 ng/ul

RT: 12.68 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BM022607.D

Acq: 09 Sep 2019 17:18

Tgt Ion:216 Resp: 199220

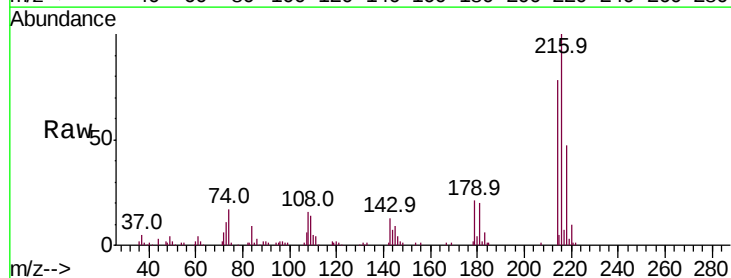
Ion Ratio Lower Upper

216 100

214 77.7 63.4 95.0

179 20.9 16.7 25.1

108 16.5 14.4 21.6

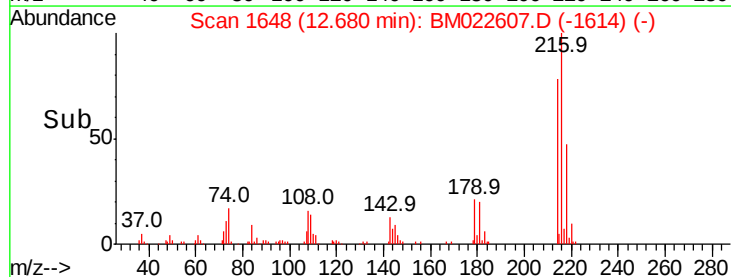
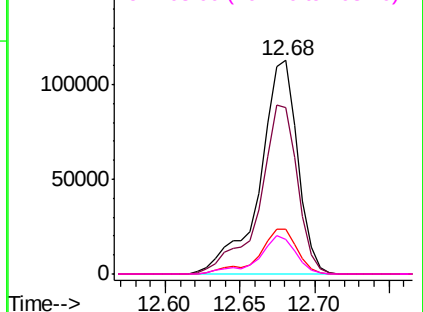


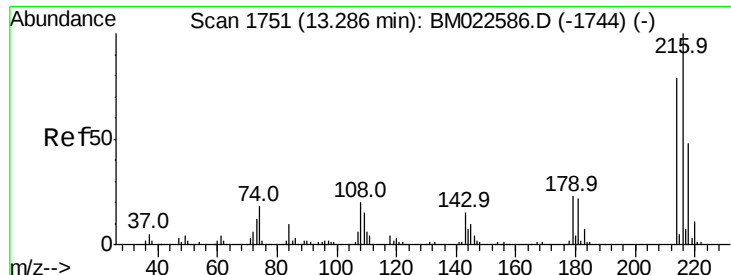
Abundance Ion 216.00 (215.70 to 216.70): E

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





#73

1,2,3,4-Tetrachlorobenzene

Concen: 29.336 ng/uL

RT: 13.29 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BM022607.D

Acq: 09 Sep 2019 17:18

Instrument :

BNA_M

ClientSampleId :

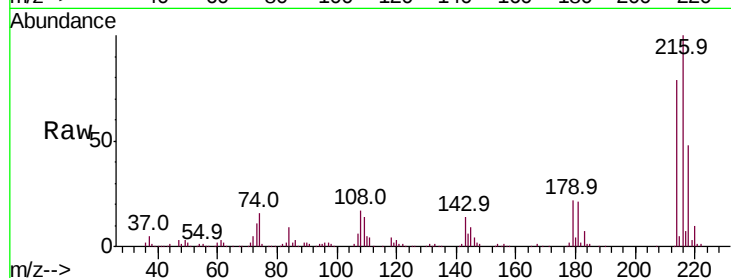
Tot Ion:216 Resp: 649410

Ion Ratio Lower Upper

216 100

214 78.9 62.5 93.7

218 48.0 38.2 57.4



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

