

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030717\
 Data File : BG026097.D
 Acq On : 7 Mar 2017 16:14
 Operator : SJ/MA
 Sample : I2095-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BB6

Quant Time: Mar 08 01:09:45 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 07 16:02:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	110742	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	461357	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	265485	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	632298	20.00	ng/ul	0.00
77) Chrysene-d12	21.64	240	819716	20.00	ng/ul	0.00
85) Perylene-d12	24.82	264	819067	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	15174	5.89	ng/uL	0.00
5) Phenol-d5	7.22	99	69056	8.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	199226	38.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	216960	32.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	125942	19.57	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	142498	42.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	134026	48.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	235248	38.44	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.07	166	864029	50.03	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	1049927	45.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	30275	8.90	ng/ul	0.00
57) Fluorene-d10	15.65	176	774026	45.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	116861	39.39	ng/ul	0.00
70) Anthracene-d10	17.49	188	1192522	41.56	ng/ul	0.00
78) Pyrene-d10	19.77	212	1408923	41.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.61	264	1509468	41.81	ng/ul	0.00

Target Compounds

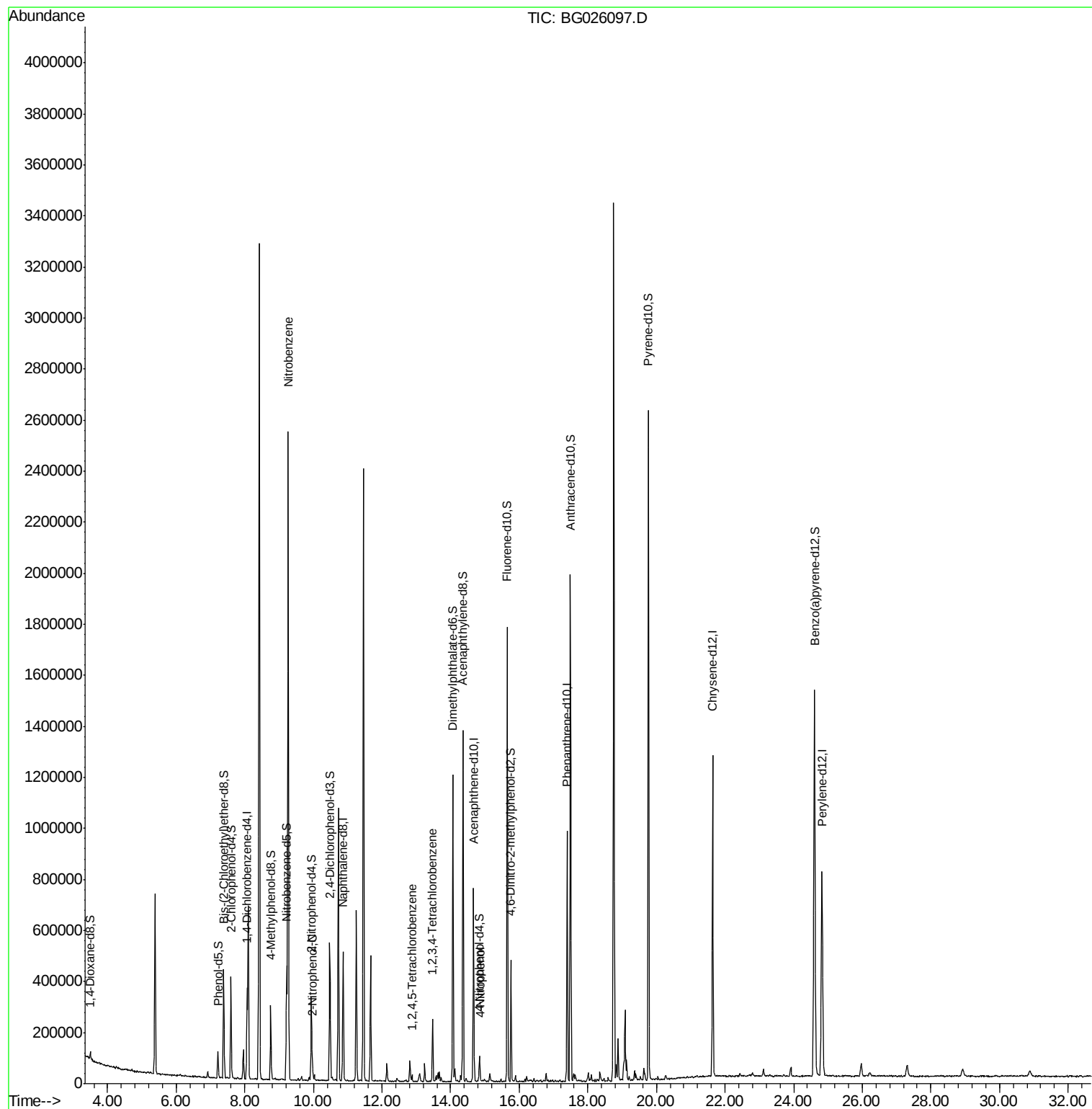
						Qvalue
20) Nitrobenzene	9.27	77	1501815	212.72	ng/ul	94
23) 2-Nitrophenol	9.97	139	18631	6.40	ng/ul#	93
36) 1,2,4,5-Tetrachlorobenzene	12.87	216	10653	1.42	ng/ul#	89
52) 4-Nitrophenol	14.85	109	2592	1.32	ng/ul#	72
72) 1,2,3,4-Tetrachlorobenzene	13.47	216	76530	10.12	ng/uL	99

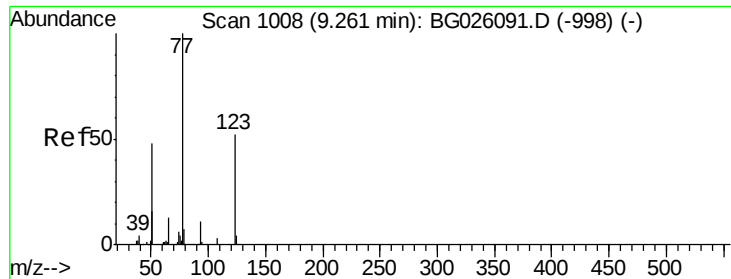
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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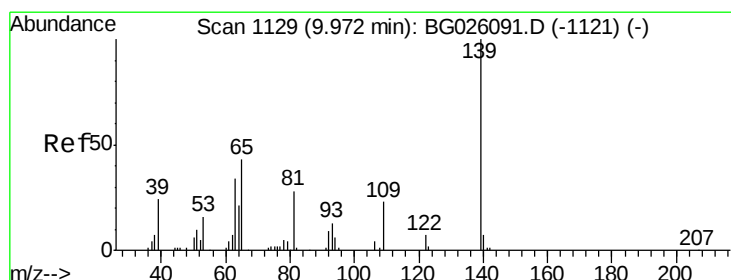
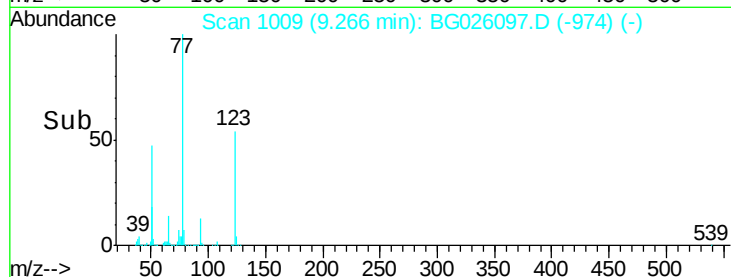
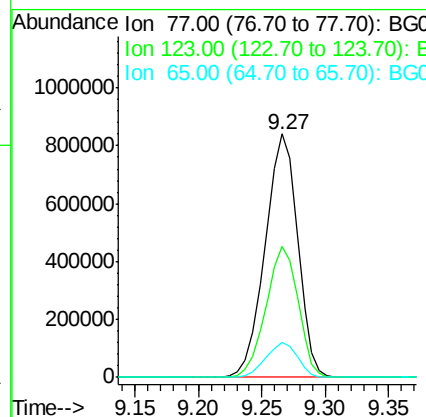
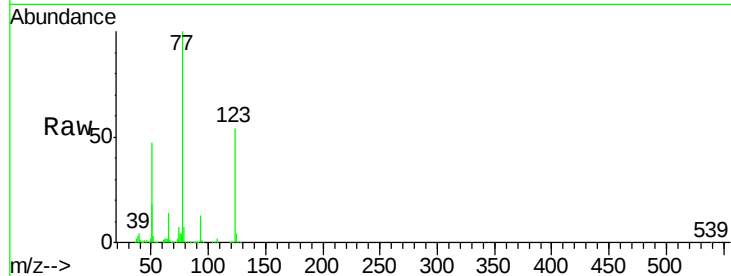




#20
Nitrobenzene
Concen: 212.72 ng/ul
RT: 9.27 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BG026097.D
Acq: 7 Mar 2017 16:14

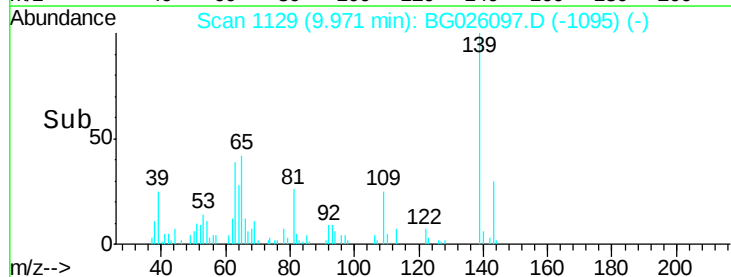
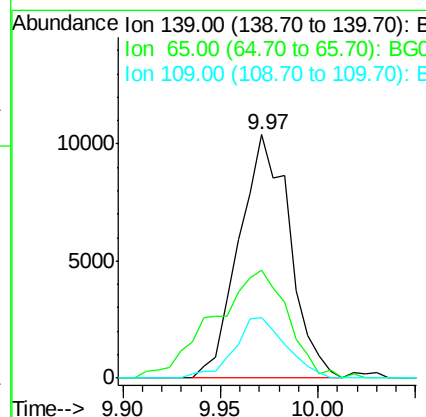
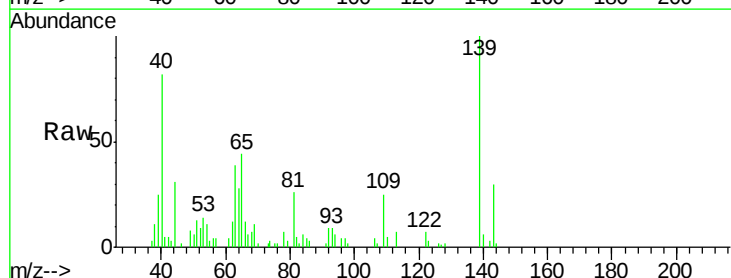
Instrument :
BNA_G
ClientSampled :
C0BB6

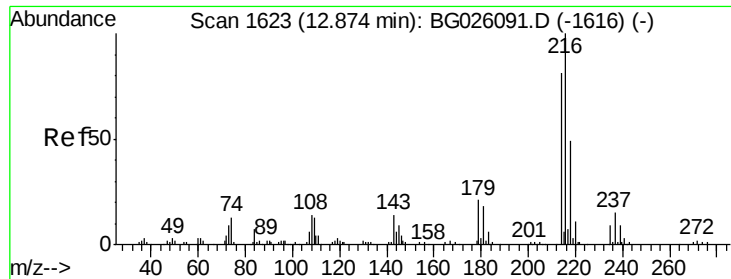
Tgt Ion: 77 Resp: 1501815
Ion Ratio Lower Upper
77 100
123 53.7 39.0 58.4
65 14.1 10.4 15.6



#23
2-Nitrophenol
Concen: 6.40 ng/ul
RT: 9.97 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG026097.D
Acq: 7 Mar 2017 16:14

Tgt Ion: 139 Resp: 18631
Ion Ratio Lower Upper
139 100
65 44.3 36.3 54.5
109 24.9 26.4 39.6#

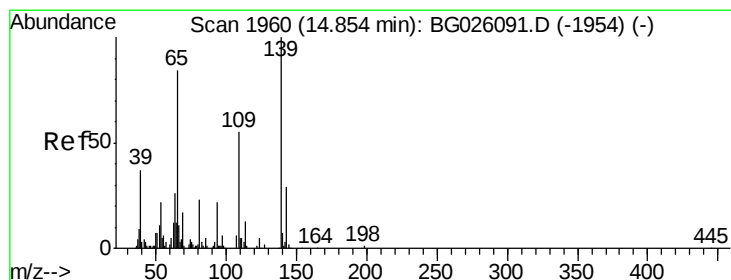
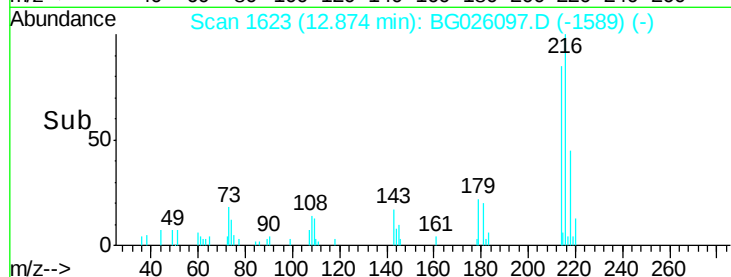
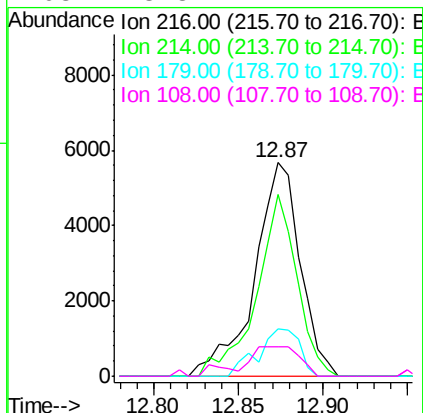
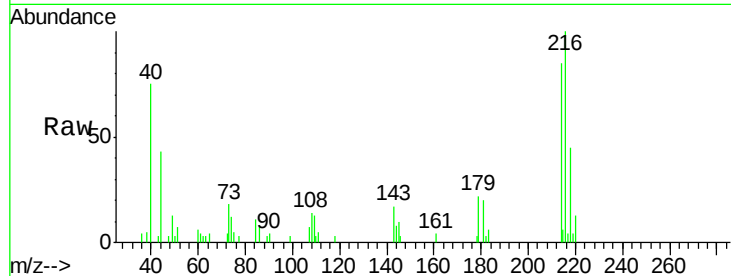




#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.42 ng/ul
 RT: 12.87 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG026097.D
 Acq: 7 Mar 2017 16:14

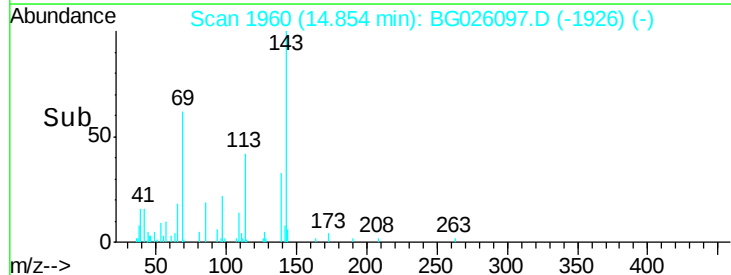
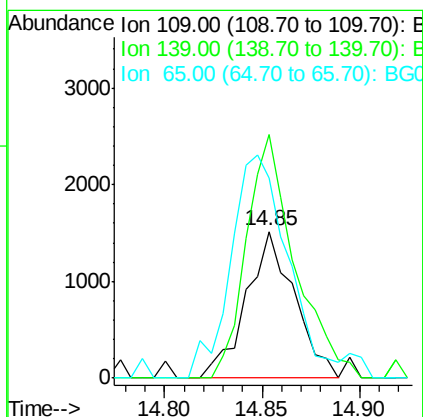
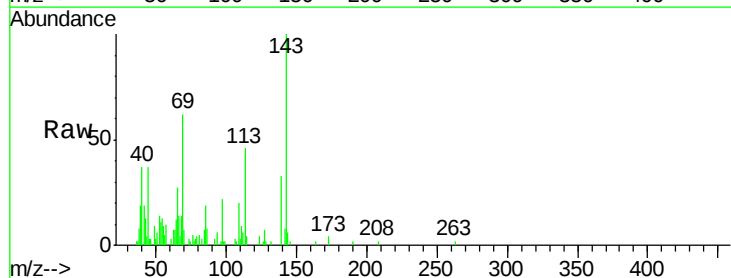
Instrument :
 BNA_G
 ClientSampleId :
 C0BB6

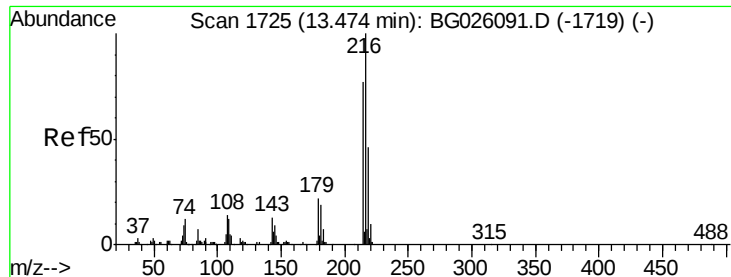
Tgt Ion:216 Resp: 10653
 Ion Ratio Lower Upper
 216 100
 214 91.0 62.5 93.7
 179 22.2 18.2 27.2
 108 13.8 14.2 21.2#



#52
 4-Nitrophenol
 Concen: 1.32 ng/ul
 RT: 14.85 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG026097.D
 Acq: 7 Mar 2017 16:14

Tgt Ion:109 Resp: 2592
 Ion Ratio Lower Upper
 109 100
 139 166.1 103.7 155.5#
 65 136.4 89.4 134.2#





#72

1,2,3,4-Tetrachlorobenzene

Concen: 10.12 ng/uL

RT: 13.47 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG026097.D

Acq: 7 Mar 2017 16:14

Instrument :

BNA_G

ClientSampleId :

C0BB6

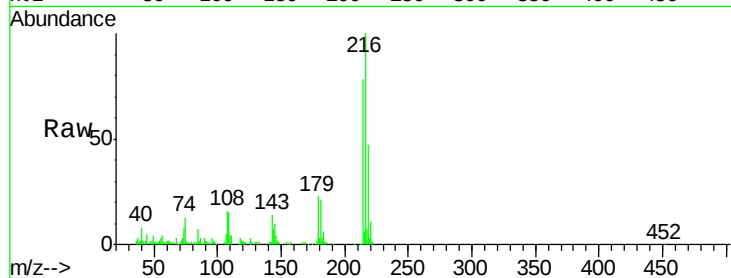
Tgt Ion: 216 Resp: 76530

Ion Ratio Lower Upper

216 100

214 78.5 62.5 93.7

218 47.2 38.4 57.6



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

