

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
 Data File : BM019550.D
 Acq On : 28 Mar 2019 20:46
 Operator : JU/SJ
 Sample : K2069-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09C7

Quant Time: Mar 29 05:05:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 29 04:57:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	137542	20.00	ng/ul	0.06
18) Naphthalene-d8	10.38	136	523146	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.24	164	282471	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	617548	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	727708	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	903800	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	11346	3.23	ng/uL	0.00
5) Phenol-d5	6.77	99	74759	6.10	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	247504	30.18	ng/ul	0.04
9) 2-Chlorophenol-d4	7.13	132	236593	25.49	ng/ul	0.02
13) 4-Methylphenol-d8	8.31	113	149581	16.27	ng/ul	0.01
19) Nitrobenzene-d5	8.76	128	147102	39.42	ng/ul	0.01
22) 2-Nitrophenol-d4	9.47	143	175186	42.18	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	264352	33.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	19865	2.11	ng/ul	0.03
44) Dimethylphthalate-d6	13.66	166	899375	39.46	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	1146150	40.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	16552	4.63	ng/ul	0.04
58) Fluorene-d10	15.24	176	771116	39.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	137427	33.65	ng/ul	0.00
71) Anthracene-d10	17.10	188	1180601	39.84	ng/ul	0.00
79) Pyrene-d10	19.41	212	1308062	38.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1812551	37.83	ng/ul	0.00

Target Compounds

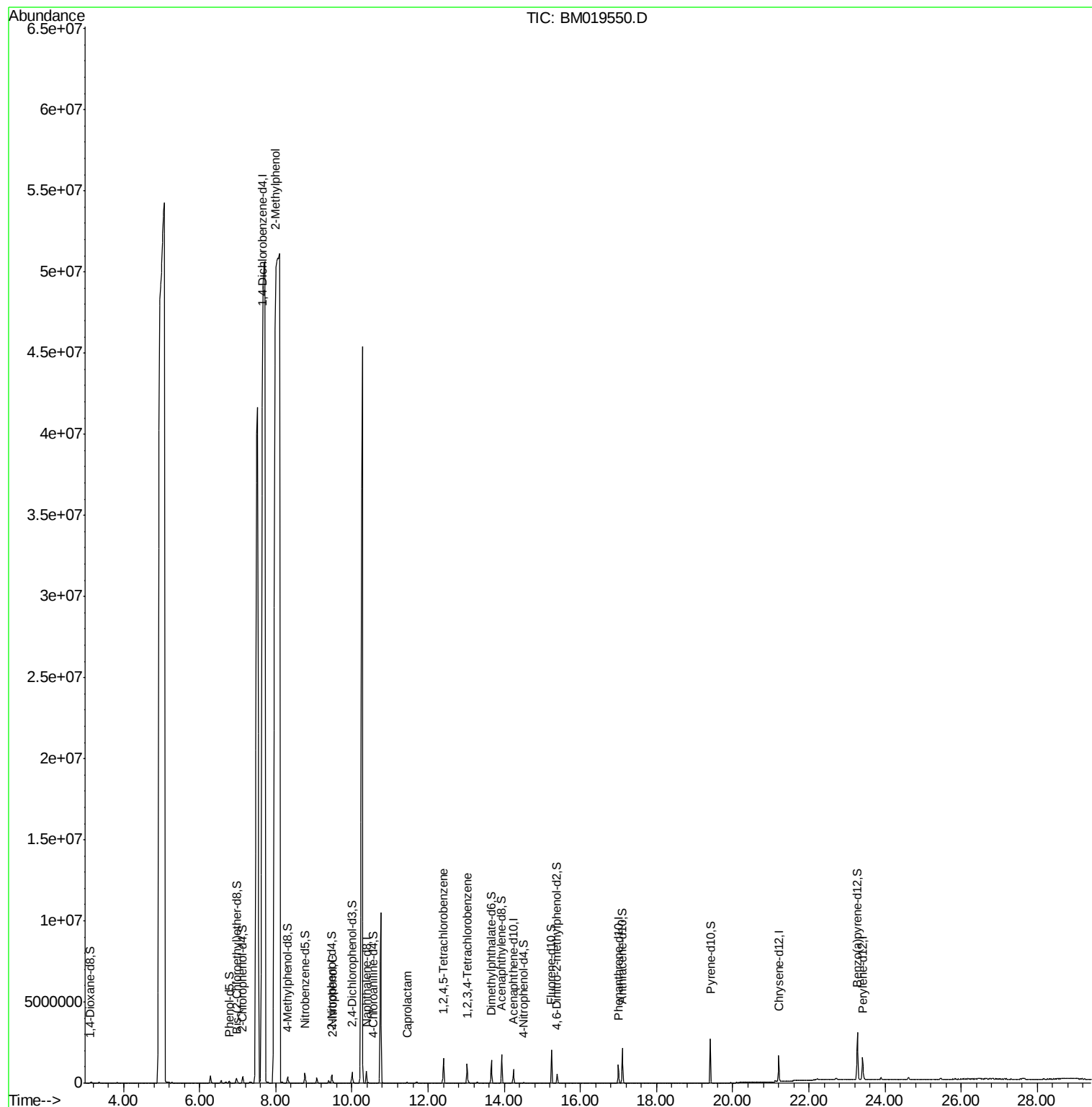
					Qvalue	
11) 2-Methylphenol	8.00	108	350608	39.333	ng/ul	94
23) 2-Nitrophenol	9.50	139	5501	1.201	ng/ul	95
32) Caprolactam	11.45	113	3384	1.472	ng/ul#	54
37) 1,2,4,5-Tetrachlorobenzene	12.41	216	456253	50.760	ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	349851	39.075	ng/uL	98

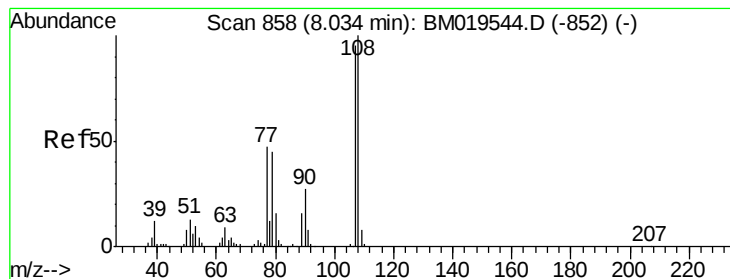
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 39.333 ng/ul

RT: 8.00 min Scan# 852

Delta R.T. -0.04 min

Lab File: BM019550.D

Acq: 28 Mar 2019 20:46

Instrument :

BNA_M

ClientSampleId :

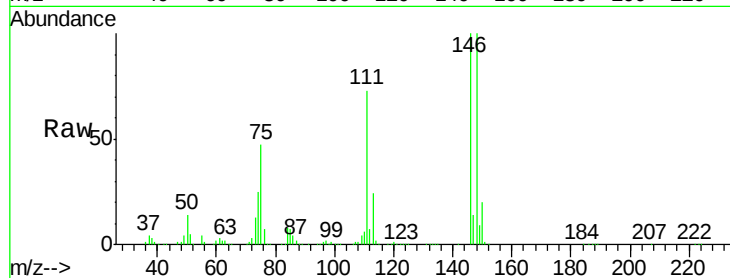
C09C7

Tgt Ion:108 Resp: 350608

Ion Ratio Lower Upper

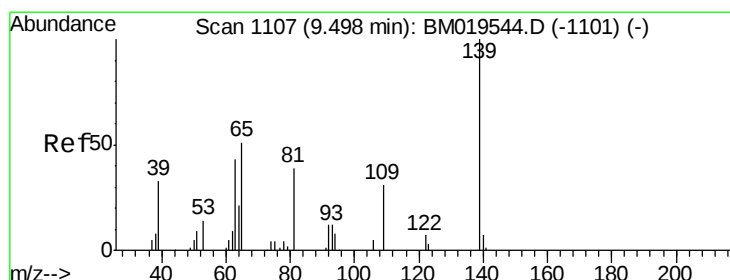
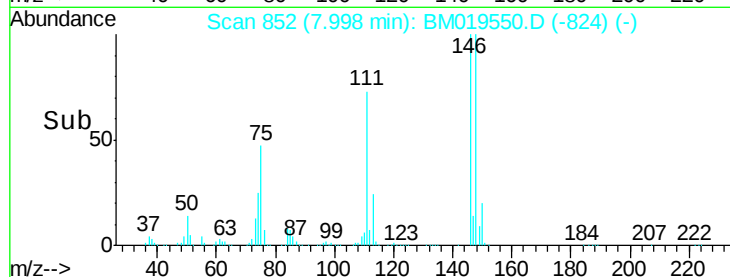
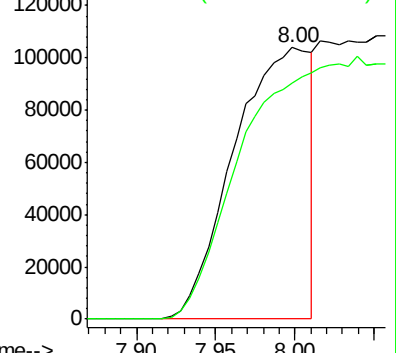
108 100

107 86.9 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#23

2-Nitrophenol

Concen: 1.201 ng/ul

RT: 9.50 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BM019550.D

Acq: 28 Mar 2019 20:46

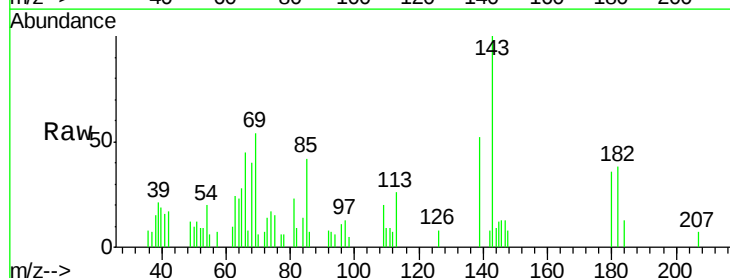
Tgt Ion:139 Resp: 5501

Ion Ratio Lower Upper

139 100

65 54.7 45.3 67.9

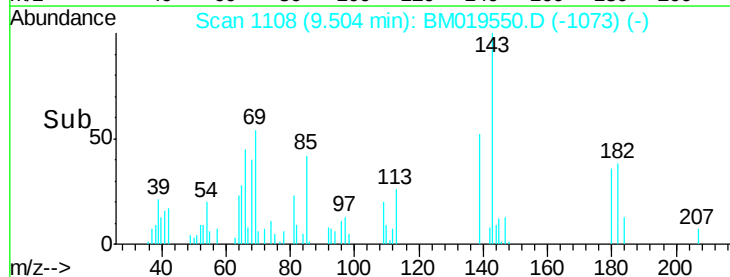
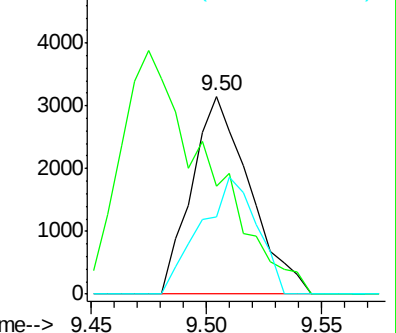
109 39.0 27.7 41.5

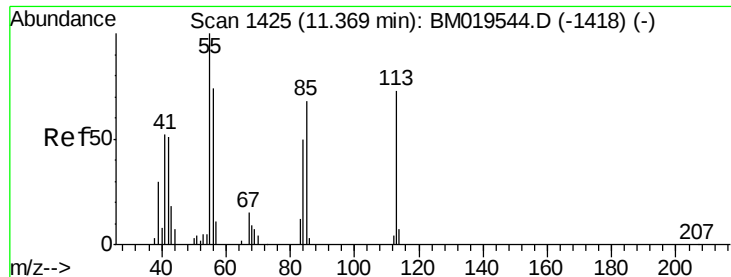


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E





#32

Caprolactam

Concen: 1.472 ng/ul

RT: 11.45 min Scan# 1439

Delta R.T. 0.08 min

Lab File: BM019550.D

Acq: 28 Mar 2019 20:46

Instrument :

BNA_M

ClientSampleId :

C09C7

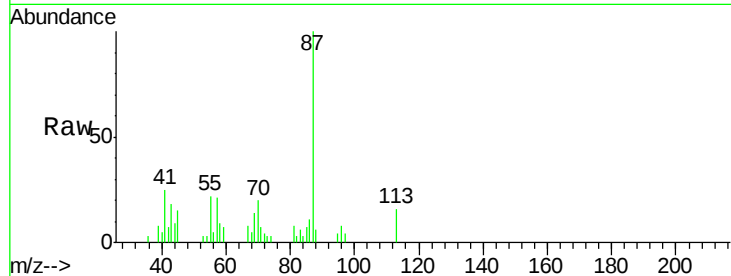
Tgt Ion:113 Resp: 3384

Ion Ratio Lower Upper

113 100

55 132.9 131.7 197.5

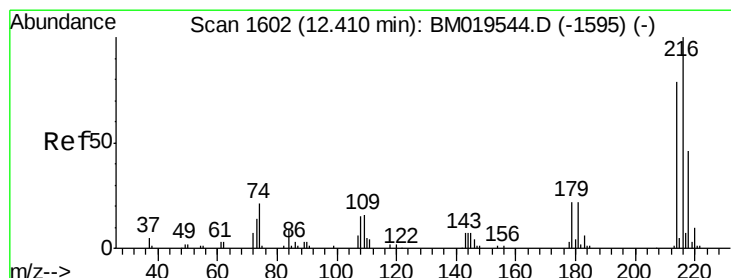
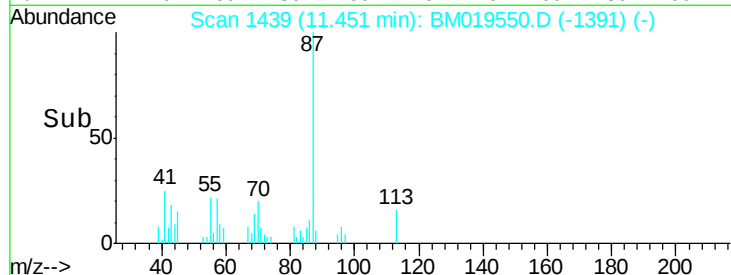
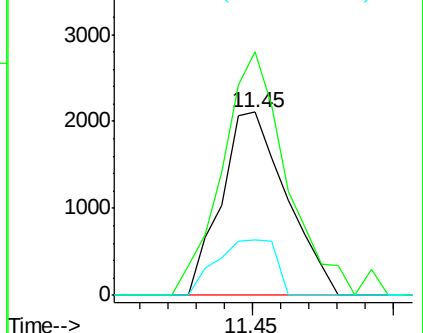
56 30.1 92.7 139.1#



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: 50.760 ng/ul

RT: 12.41 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM019550.D

Acq: 28 Mar 2019 20:46

Tgt Ion:216 Resp: 456253

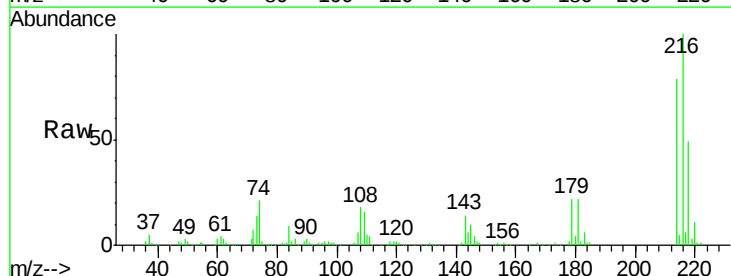
Ion Ratio Lower Upper

216 100

214 79.3 64.1 96.1

179 22.2 14.5 21.7#

108 18.0 10.4 15.6#

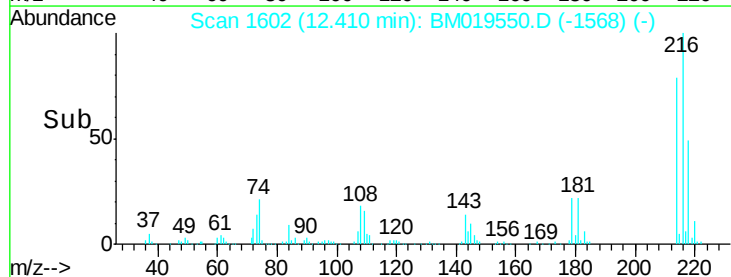
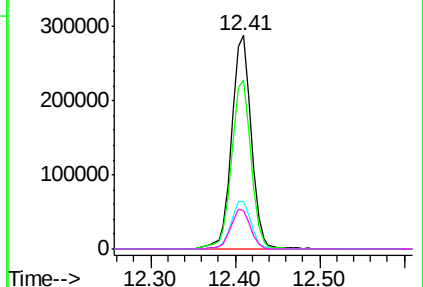


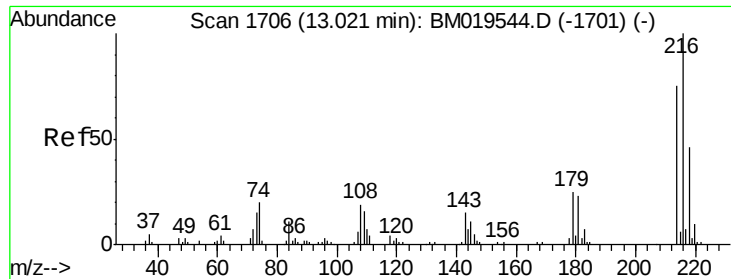
Abundance Ion 216.00 (215.70 to 216.70): E

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

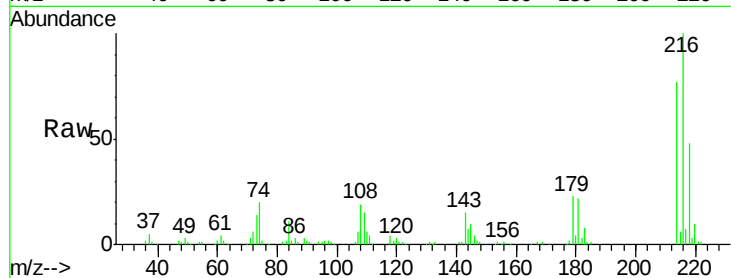




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 39.075 ng/uL
 RT: 13.03 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: BM019550.D
 Acq: 28 Mar 2019 20:46

Instrument :
 BNA_M
 ClientSampleId :
 C09C7

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	64.1	96.1
218	48.2	39.4	59.0



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

