

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
 Data File : BM011623.D
 Acq On : 20 Sep 2017 02:29
 Operator : SJ/JU
 Sample : I5234-20DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB9DL

Quant Time: Sep 20 07:57:06 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 05:31:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	355148	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1550835	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	937503	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2100648	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2155985	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2002374	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	2113	0.27	ng/uL	0.00
5) Phenol-d5	7.12	99	31761	0.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	134381	5.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	111456	4.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	63821	2.40	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	68307	5.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	68075	5.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	124527	5.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	8994	0.33	ng/ul	0.01
44) Dimethylphthalate-d6	14.00	166	515258	6.50	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	574109	5.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	1796	0.12	ng/ul	0.04
58) Fluorene-d10	15.59	176	445490	6.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	49206	4.03	ng/ul	0.00
71) Anthracene-d10	17.43	188	730061	7.06	ng/ul	0.00
79) Pyrene-d10	19.72	212	803710	7.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	664966	6.97	ng/ul	0.00

Target Compounds

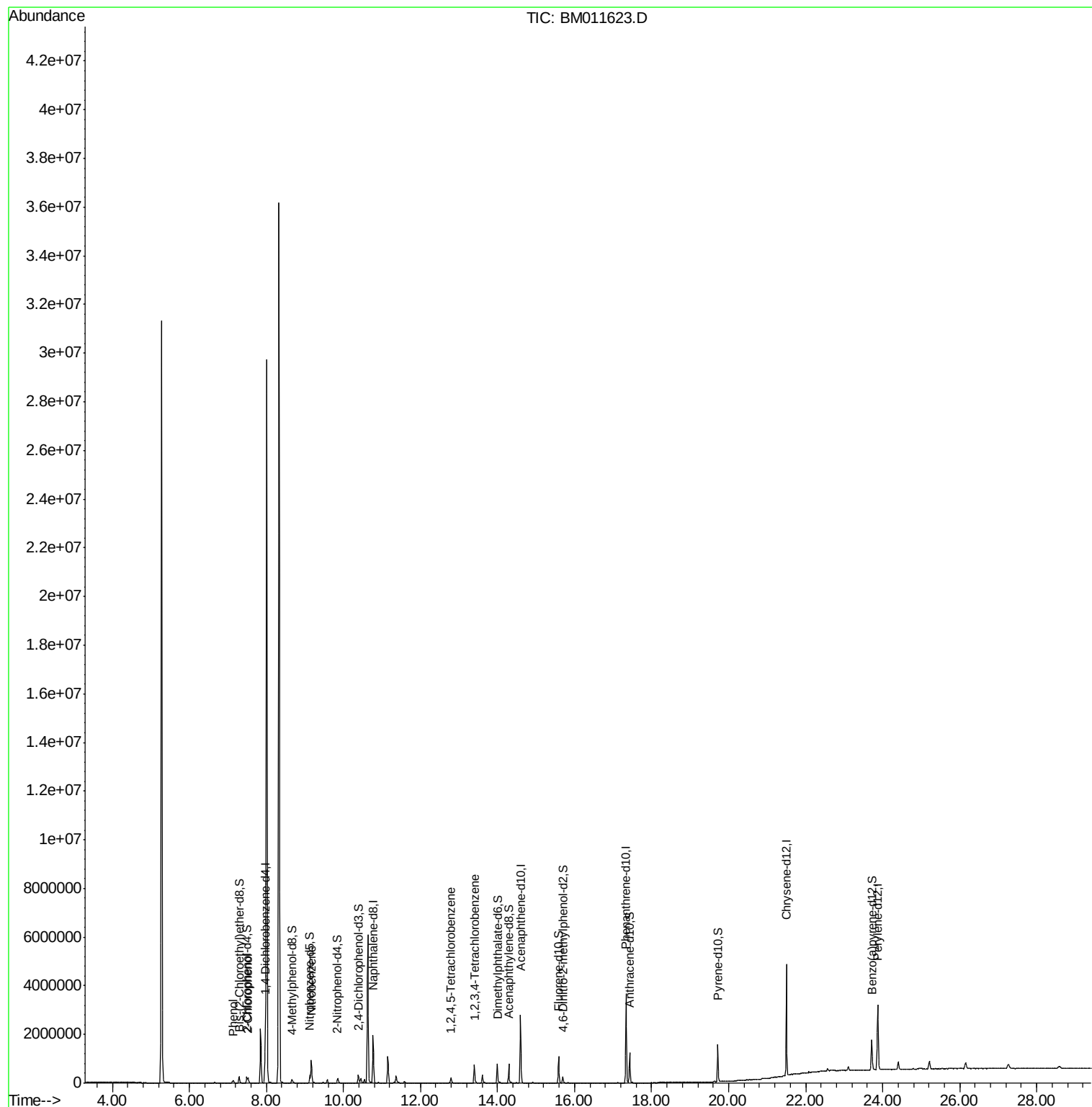
					Qvalue
6) Phenol	7.15	94	56122	1.658 ng/ul	93
10) 2-Chlorophenol	7.53	128	79466	3.170 ng/ul	94
20) Nitrobenzene	9.17	77	500738	18.089 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	77898	2.801 ng/ul#	92
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	167845	5.996 ng/uL	95

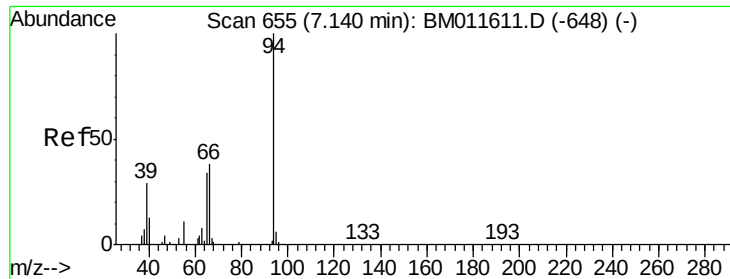
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.658 ng/ul

RT: 7.15 min Scan# 656

Delta R.T. 0.01 min

Lab File: BM011623.D

Acq: 20 Sep 2017 02:29

Instrument :

BNA_M

ClientSampleId :

C0AB9DL

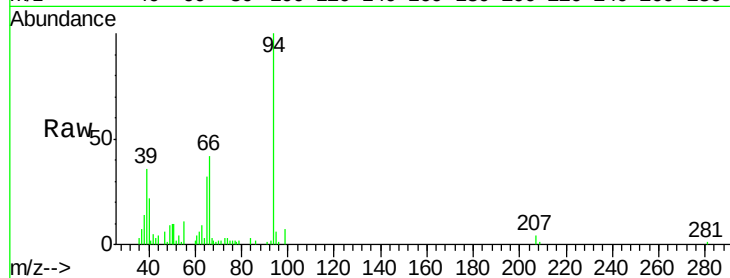
Tgt Ion: 94 Resp: 56122

Ion Ratio Lower Upper

94 100

65 32.3 23.0 34.6

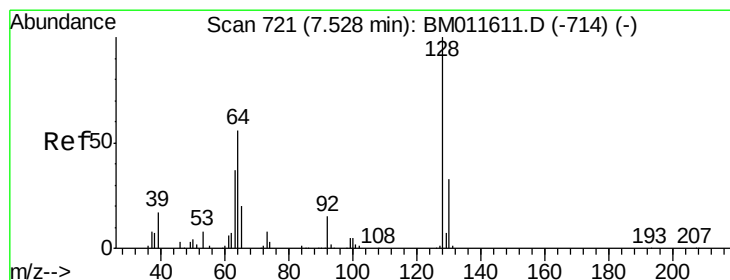
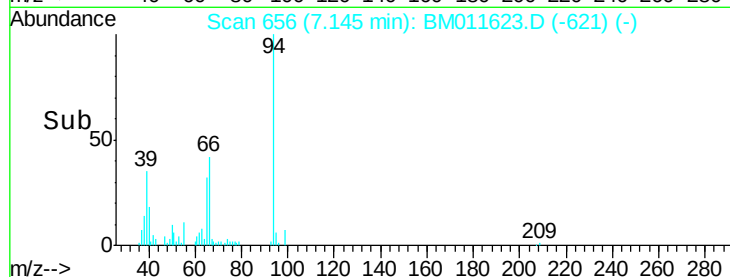
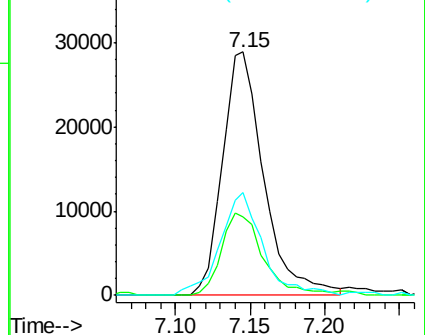
66 42.2 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM011611.D (-648) (-)

Ion 65.00 (64.70 to 65.70): BM011611.D (-648) (-)

Ion 66.00 (65.70 to 66.70): BM011611.D (-648) (-)



#10

2-Chlorophenol

Concen: 3.170 ng/ul

RT: 7.53 min Scan# 721

Delta R.T. -0.00 min

Lab File: BM011623.D

Acq: 20 Sep 2017 02:29

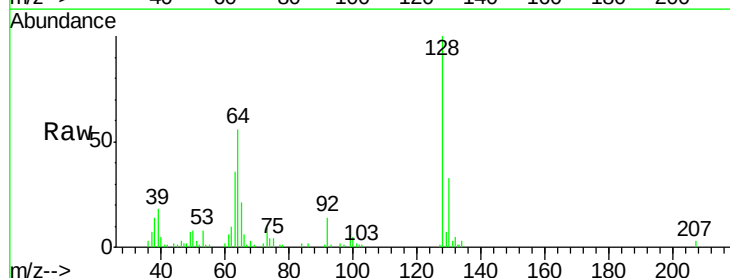
Tgt Ion: 128 Resp: 79466

Ion Ratio Lower Upper

128 100

64 56.1 39.8 59.6

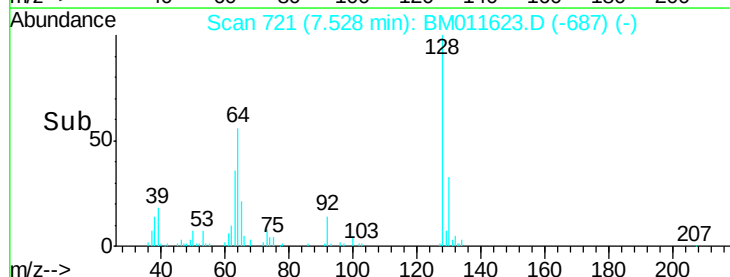
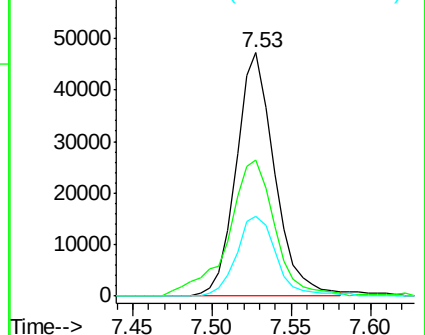
130 32.9 25.8 38.8

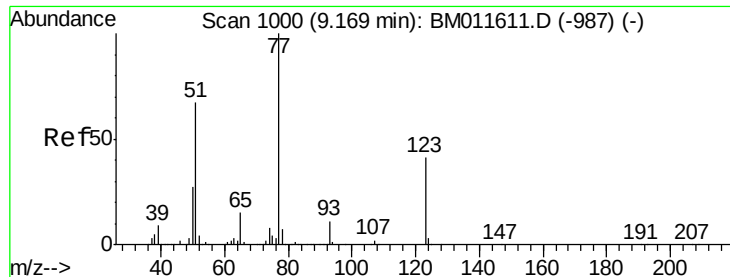


Abundance Ion 128.00 (127.70 to 128.70): BM011611.D (-714) (-)

Ion 64.00 (63.70 to 64.70): BM011611.D (-714) (-)

Ion 130.00 (129.70 to 130.70): BM011611.D (-714) (-)

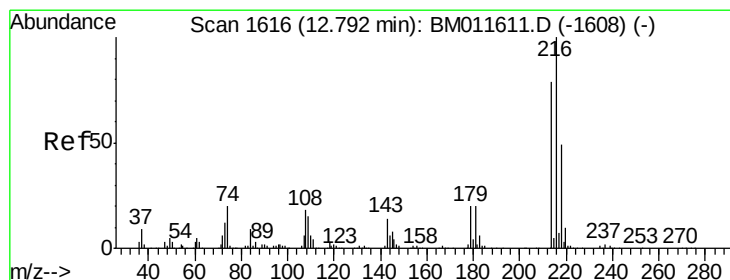
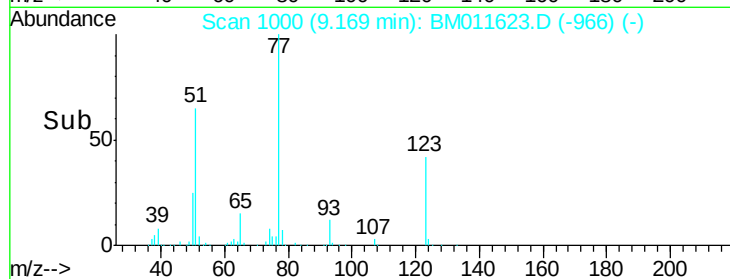
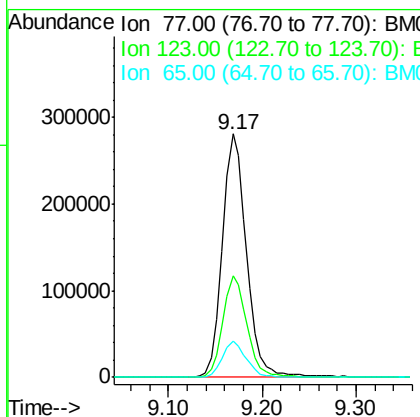
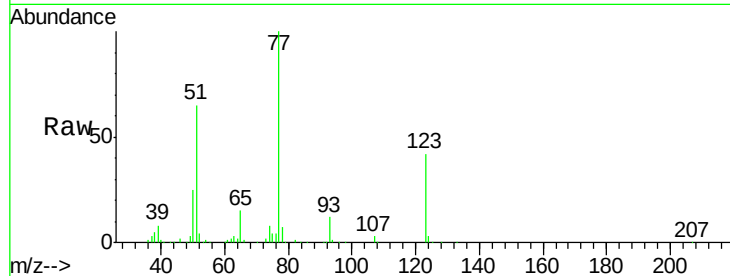




#20
Nitrobenzene
Concen: 18.089 ng/ul
RT: 9.17 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BM011623.D
Acq: 20 Sep 2017 02:29

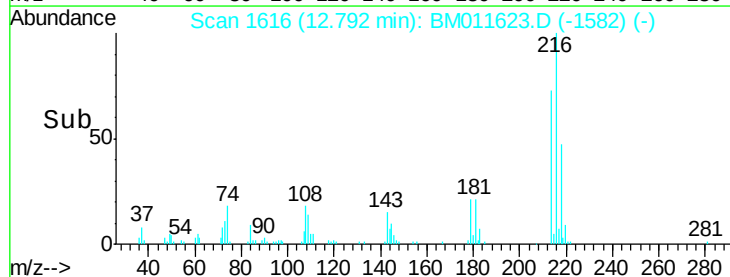
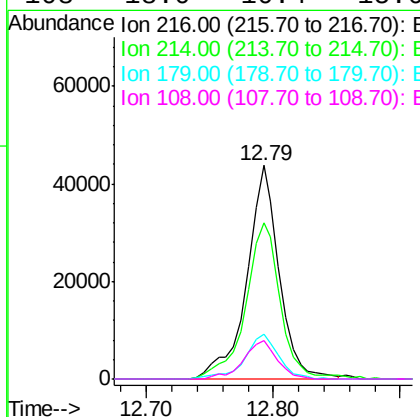
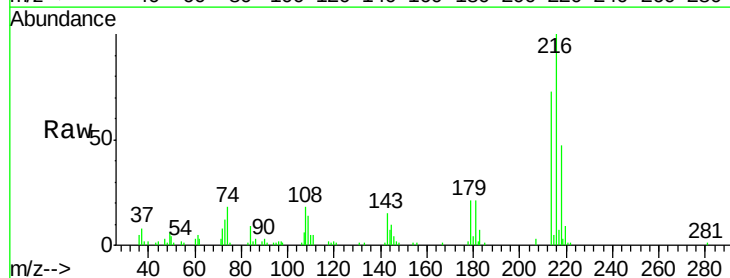
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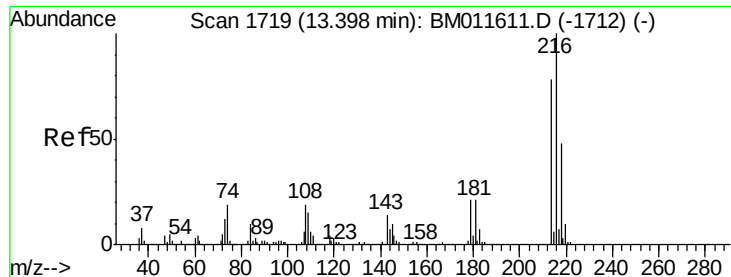
Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.7	31.8	47.8
65	14.9	10.6	16.0



#37
1,2,4,5-Tetrachlorobenzene
Concen: 2.801 ng/ul
RT: 12.79 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BM011623.D
Acq: 20 Sep 2017 02:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	73.1	64.1	96.1
179	21.1	14.5	21.7
108	18.0	10.4	15.6





#73

1,2,3,4-Tetrachlorobenzene

Concen: 5.996 ng/uL

RT: 13.40 min Scan# 1719

Delta R.T. -0.00 min

Lab File: BM011623.D

Acq: 20 Sep 2017 02:29

Instrument :

BNA_M

ClientSampleId :

C0AB9DL

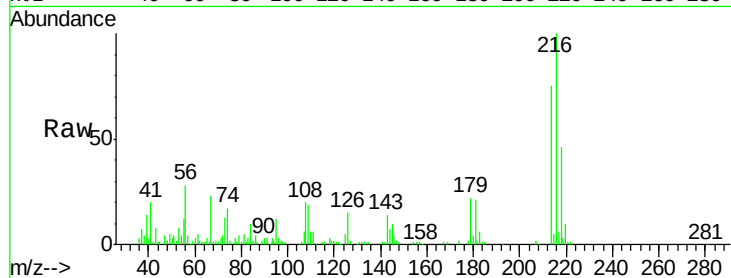
Tgt Ion: 216 Resp: 167845

Ion Ratio Lower Upper

216 100

214 75.1 64.1 96.1

218 46.4 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

