

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091718\
 Data File : BN002733.D
 Acq On : 17 Sep 2018 19:29
 Operator : JU/SJ
 Sample : J4893-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 18 02:48:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 18 02:47:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	143437	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	566795	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	290465	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	590899	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	595533	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	644329	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	14539	4.68	ng/uL	0.00
5) Phenol-d5	6.84	99	61657	5.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	164158	21.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	181223	18.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	105135	11.14	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	101997	23.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	113978	22.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	185086	20.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	21412	2.06	ng/ul	0.02
43) Dimethylphthalate-d6	13.70	166	551342	24.25	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	712028	23.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	9561	2.54	ng/ul	0.04
57) Fluorene-d10	15.28	176	484321	24.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	69295	18.75	ng/ul	0.00
70) Anthracene-d10	17.13	188	711716	25.23	ng/ul	0.00
78) Pyrene-d10	19.43	212	746802	23.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	851508	25.11	ng/ul	0.00

Target Compounds

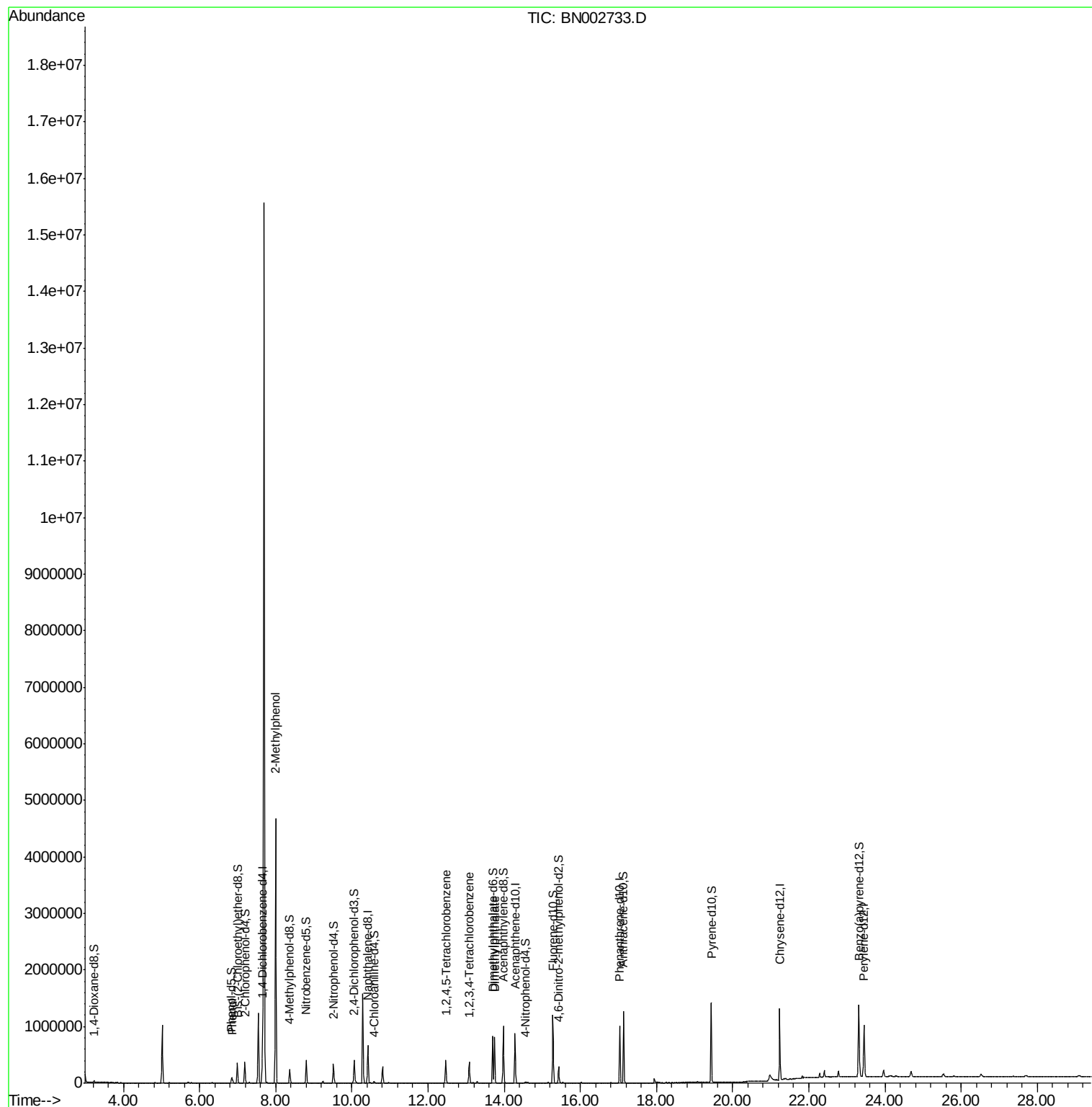
					Ovalue
6) Phenol	6.87	94	26527	2.160	ng/ul 95
11) 2-Methylphenol	7.99	108	13235	1.435	ng/ul 99
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	139373	14.444	ng/ul 99
44) Dimethylphthalate	13.75	163	535148	24.116	ng/ul 100
72) 1,2,3,4-Tetrachlorobenzene	13.08	216	112439	11.138	ng/uL 99

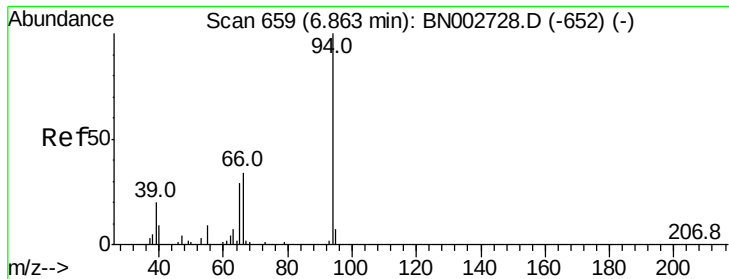
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.160 ng/ul

RT: 6.87 min Scan# 660

Delta R.T. 0.01 min

Lab File: BN002733.D

Acq: 17 Sep 2018 19:29

Instrument :

BNA_N

ClientSampleId :

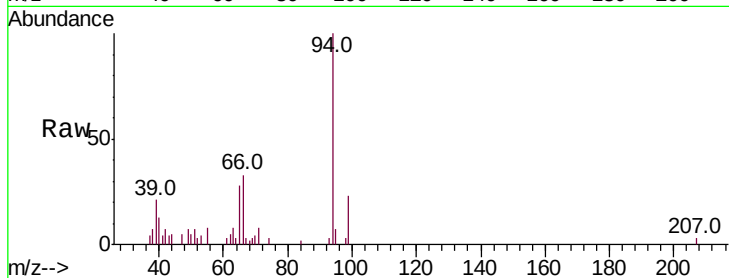
Tot Ion: 94 Resp: 26527

Ion Ratio Lower Upper

94 100

65 27.7 23.1 34.7

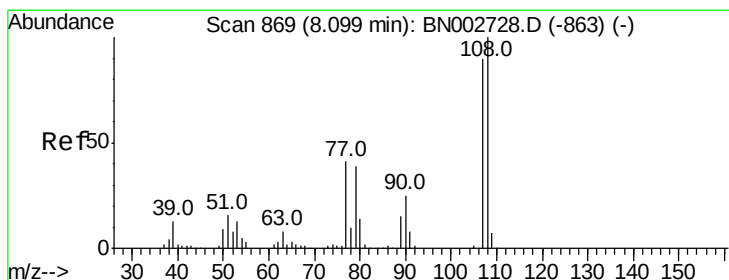
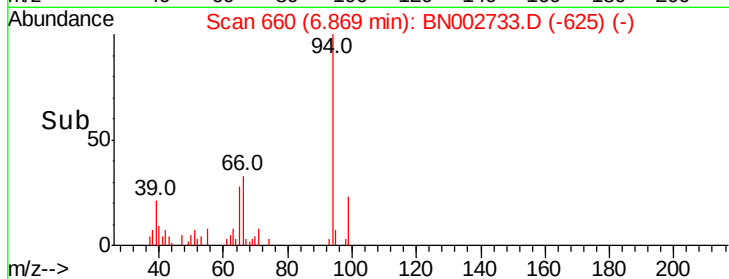
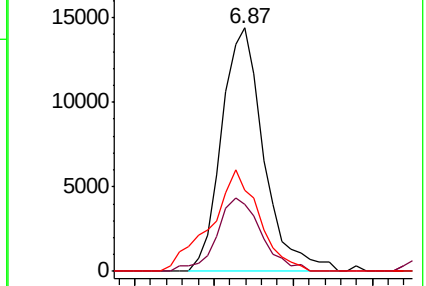
66 33.2 29.8 44.6



Abundance Ion 94.00 (93.70 to 94.70): BN002728.D (-652) (-)

Ion 65.00 (64.70 to 65.70): BN002728.D (-652) (-)

Ion 66.00 (65.70 to 66.70): BN002728.D (-652) (-)



#11

2-Methylphenol

Concen: 1.435 ng/ul

RT: 7.99 min Scan# 851

Delta R.T. -0.11 min

Lab File: BN002733.D

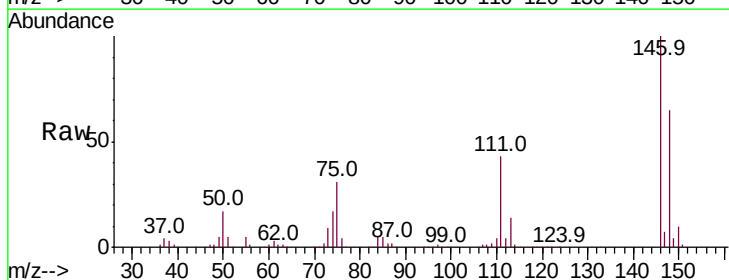
Acq: 17 Sep 2018 19:29

Tgt Ion:108 Resp: 13235

Ion Ratio Lower Upper

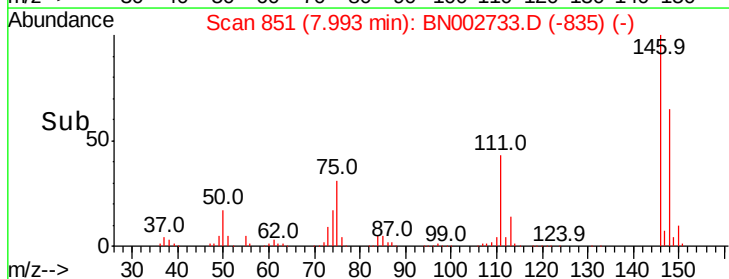
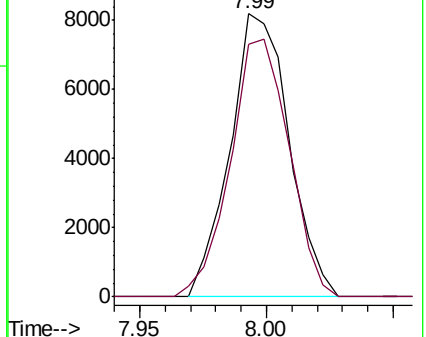
108 100

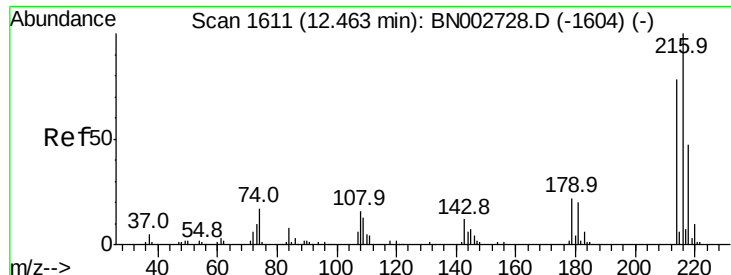
107 89.2 72.0 108.0



Abundance Ion 108.00 (107.70 to 108.70): BN002728.D (-863) (-)

Ion 107.00 (106.70 to 107.70): BN002728.D (-863) (-)

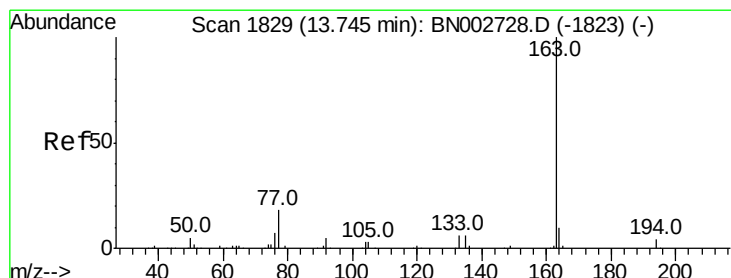
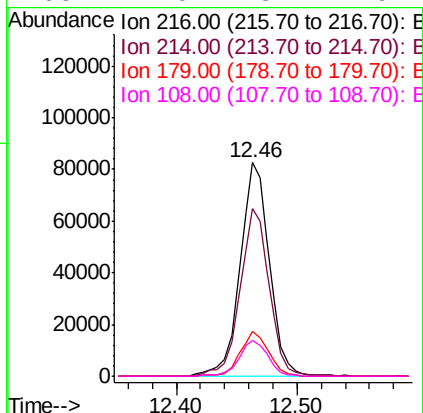
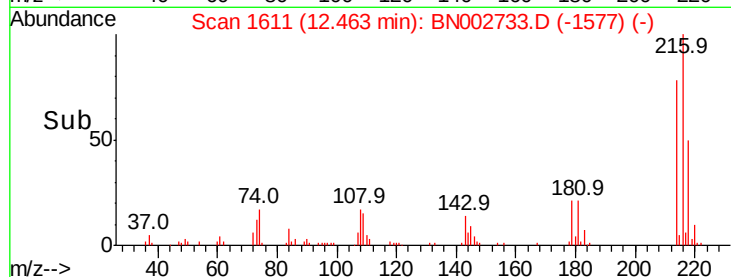
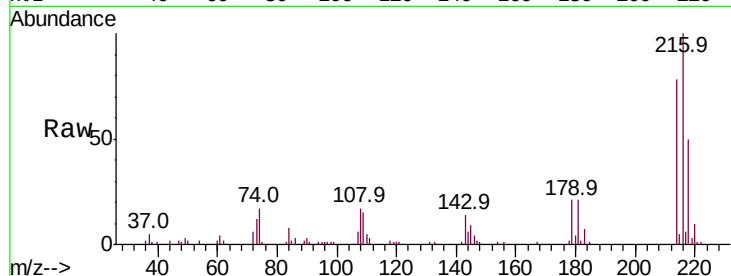




#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 14.444 ng/ul
 RT: 12.46 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BN002733.D
 Acq: 17 Sep 2018 19:29

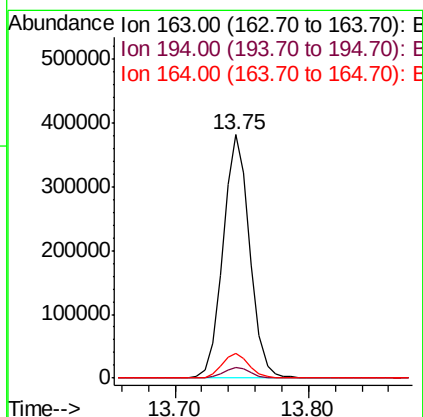
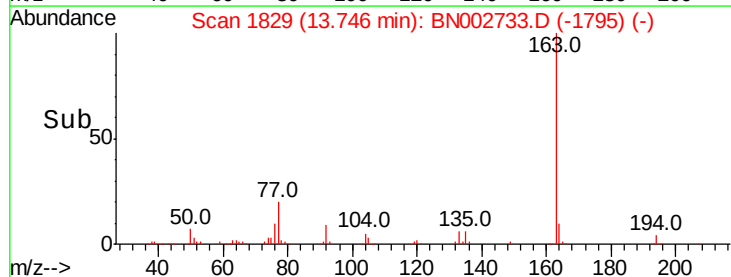
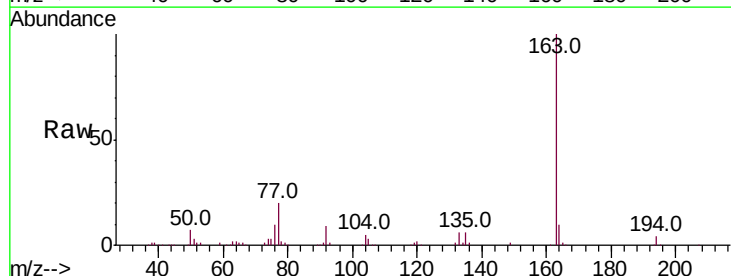
Instrument :
 BNA_N
 ClientSampleId :

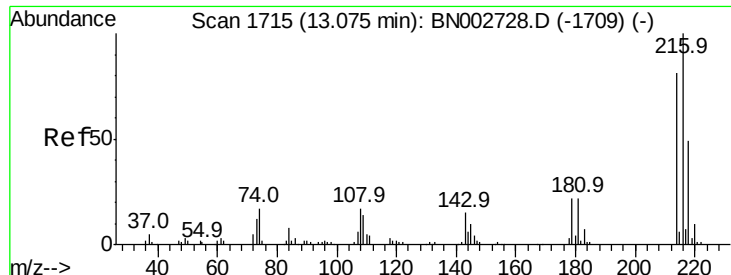
Tot Ion:	216	Resp:	139373
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.5	95.3
179	20.9	16.5	24.7
108	17.0	13.4	20.2



#44
 Dimethylphthalate
 Concen: 24.116 ng/ul
 RT: 13.75 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BN002733.D
 Acq: 17 Sep 2018 19:29

Tgt Ion:	163	Resp:	535148
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.2	8.1	12.1

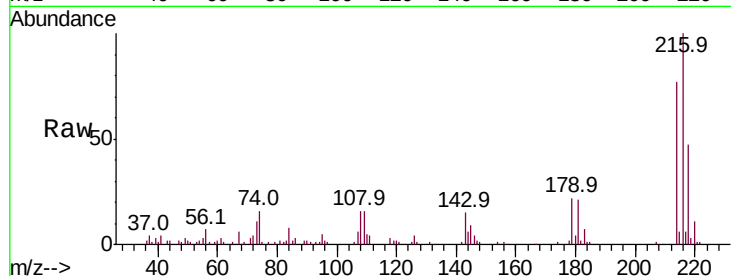




#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 11.138 ng/uL
 RT: 13.08 min Scan# 1716
 Delta R.T. 0.01 min
 Lab File: BN002733.D
 Acq: 17 Sep 2018 19:29

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	216	Resp:	112439
Ion Ratio	Lower	Upper	
216	100		
214	77.1	62.9	94.3
218	47.0	37.8	56.6



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

