

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111219\
 Data File : BM023662.D
 Acq On : 12 Nov 2019 13:39
 Operator : JU
 Sample : K5559-02DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CP6DL

Quant Time: Nov 12 14:15:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 12 05:56:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	359177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1566339	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1109522	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	2585463	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2472533	20.00	ng/ul	-0.01
86) Perylene-d12	23.31	264	2332078	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	1415	0.16	ng/uL	0.02
5) Phenol-d5	6.73	99	44809	1.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	132699	7.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	135388	5.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	87641	3.36	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	81789	7.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	91058	7.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	178832	6.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	14995	0.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	696015	8.04	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	734718	7.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	13585	0.92	ng/ul	0.00
58) Fluorene-d10	15.20	176	610469	7.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	70142	4.69	ng/ul	0.00
71) Anthracene-d10	17.04	188	1000464	8.16	ng/ul	0.00
79) Pyrene-d10	19.35	212	1176463	9.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1038722	8.46	ng/ul	-0.01

Target Compounds

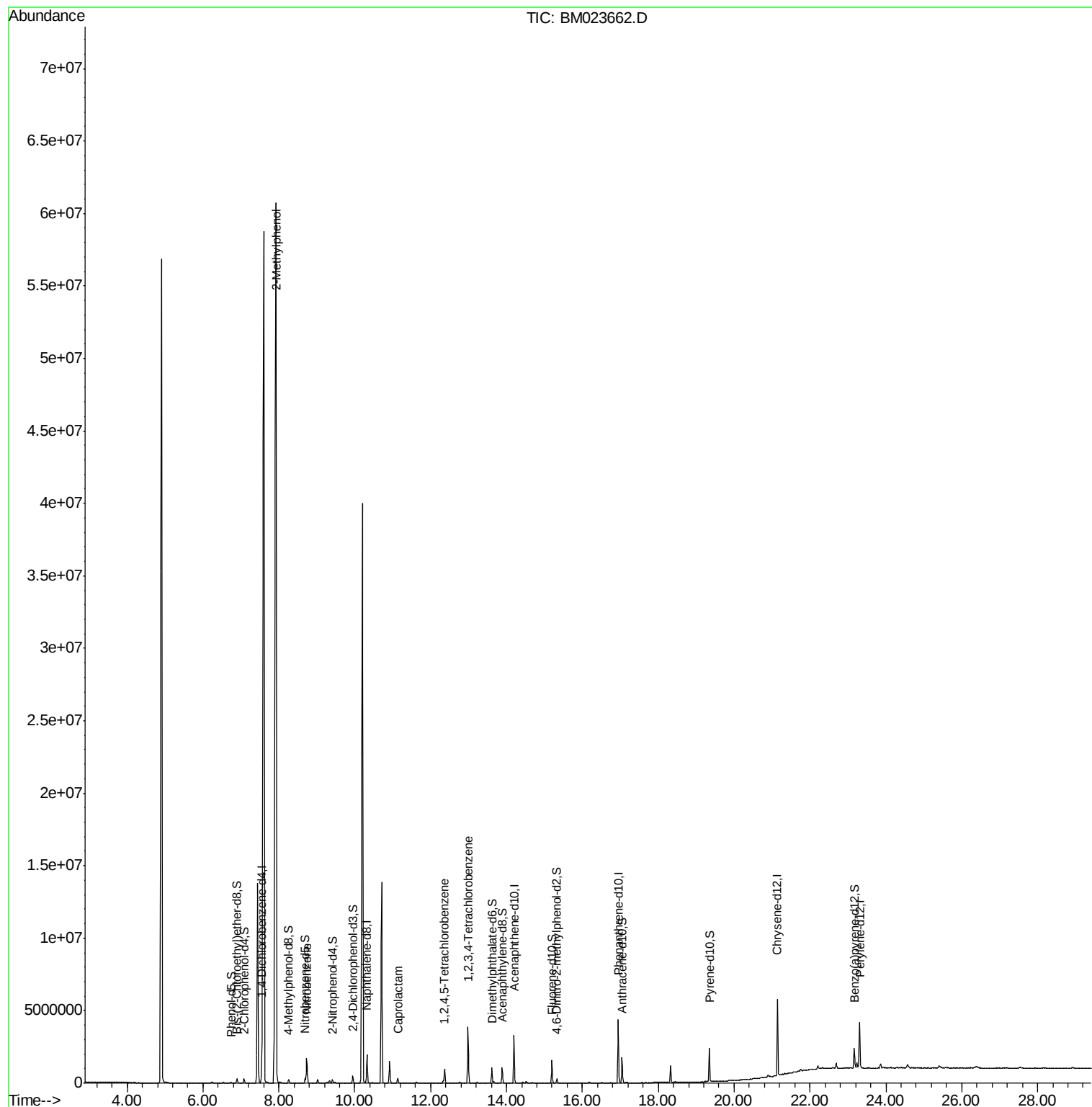
					Qvalue
11) 2-Methylphenol	7.93	108	323141	12.836 ng/ul	99
20) Nitrobenzene	8.73	77	1023153	34.516 ng/ul	98
32) Caprolactam	11.13	113	25873	3.089 ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.37	216	376101	10.374 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	1219933	33.282 ng/uL	99

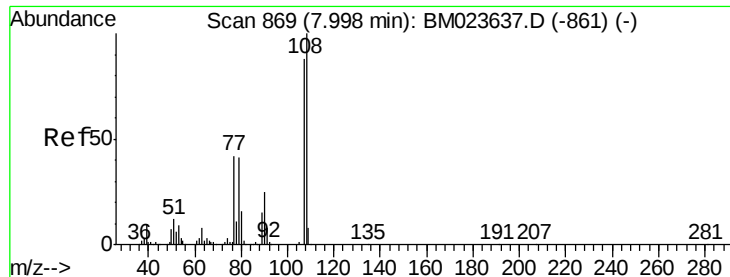
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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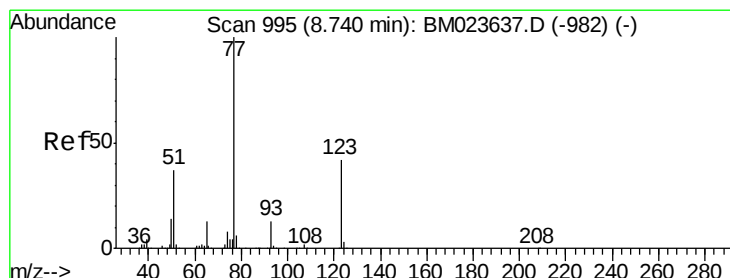
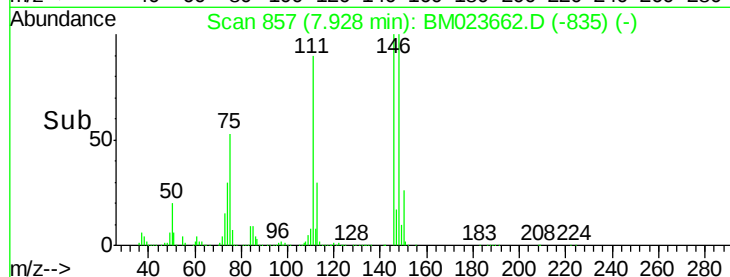
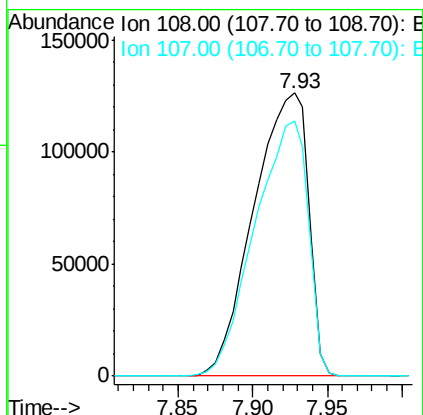
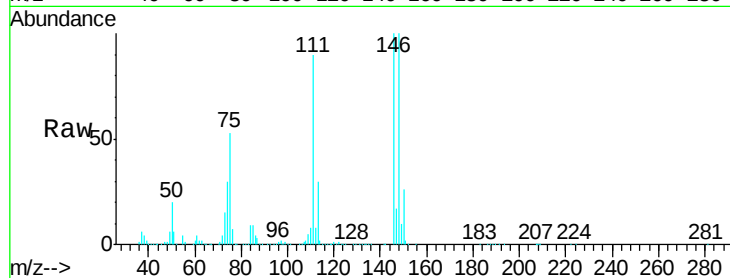




#11
2-Methylphenol
Concen: 12.836 ng/ul
RT: 7.93 min Scan# 857
Delta R.T. -0.07 min
Lab File: BM023662.D
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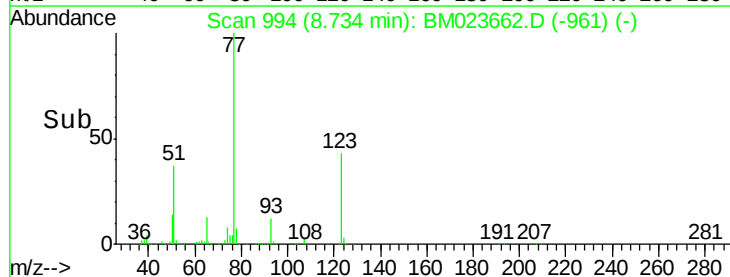
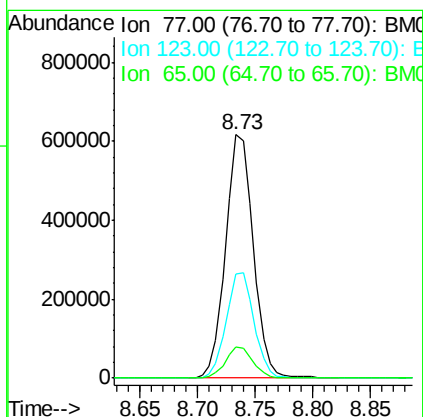
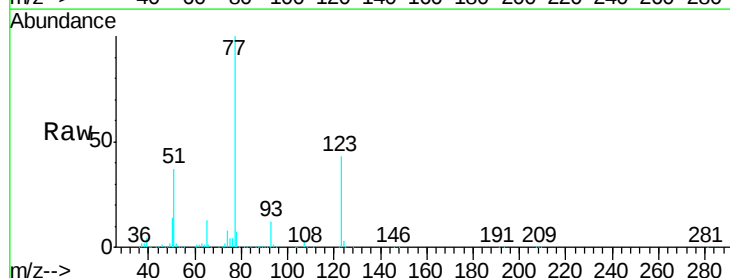
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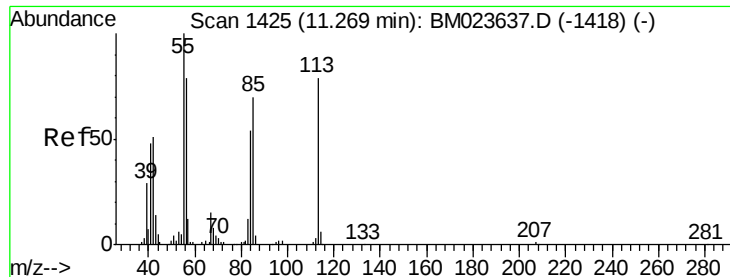
Tgt Ion: 108 Resp: 323141
Ion Ratio Lower Upper
108 100
107 90.3 71.4 107.2



#20
Nitrobenzene
Concen: 34.516 ng/ul
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM023662.D
Acq: 12 Nov 2019 13:39

Tgt Ion: 77 Resp: 1023153
Ion Ratio Lower Upper
77 100
123 42.9 33.1 49.7
65 12.6 9.8 14.8

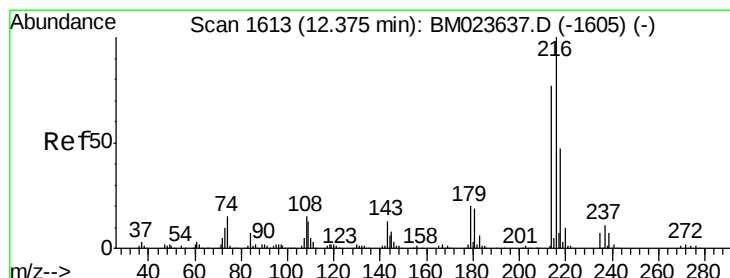
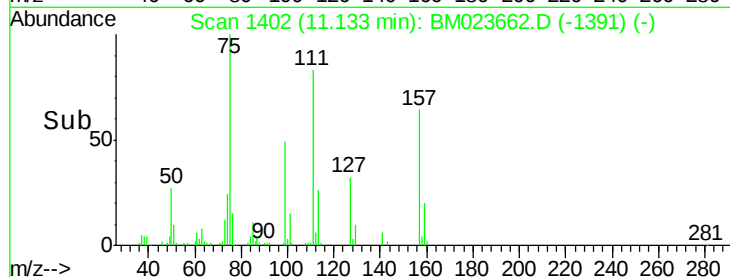
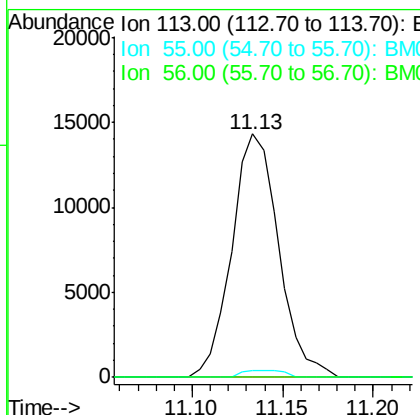
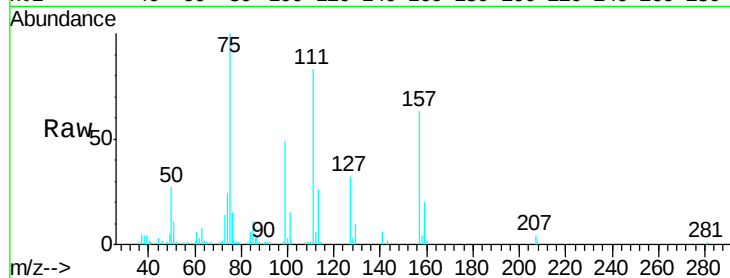




#32
 Caprolactam
 Concen: 3.089 ng/ul
 RT: 11.13 min Scan# 1402
 Delta R.T. -0.14 min
 Lab File: BM023662.D
 Acq: 12 Nov 2019 13:39

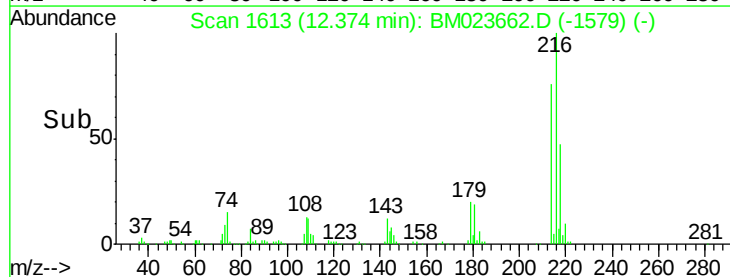
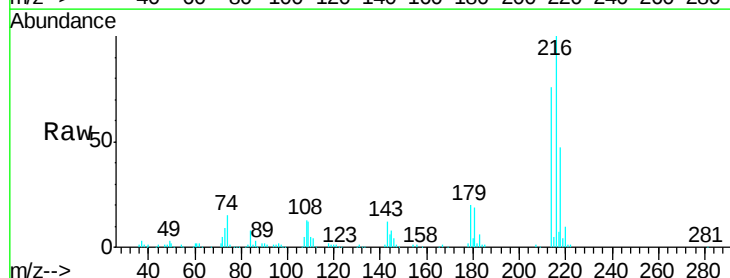
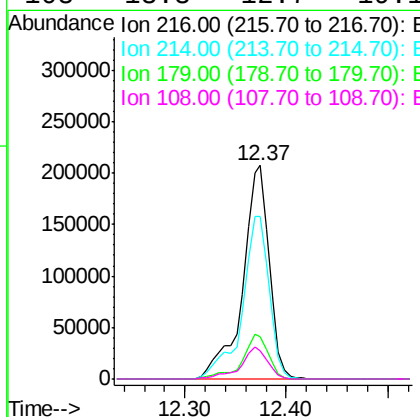
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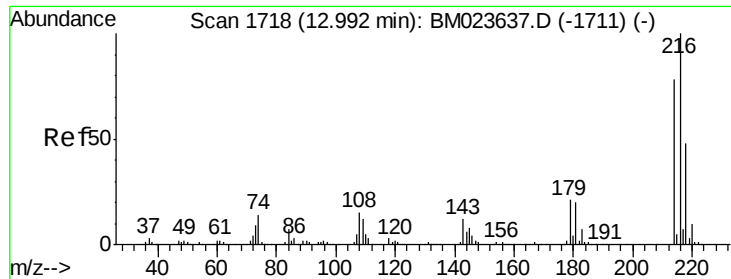
Tgt Ion:113 Resp: 25873
 Ion Ratio Lower Upper
 113 100
 55 2.9 105.8 158.6#
 56 0.0 83.0 124.6#



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.374 ng/ul
 RT: 12.37 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BM023662.D
 Acq: 12 Nov 2019 13:39

Tgt Ion:216 Resp: 376101
 Ion Ratio Lower Upper
 216 100
 214 76.4 61.7 92.5
 179 19.8 16.5 24.7
 108 13.3 12.7 19.1

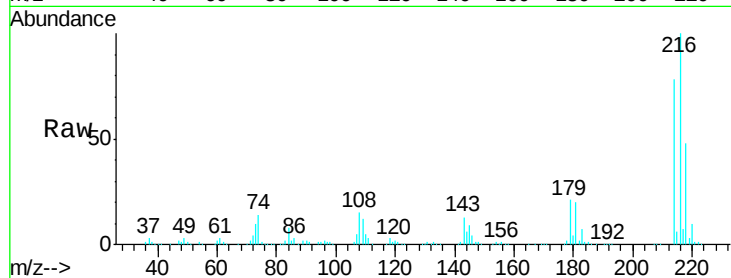




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 33.282 ng/uL
 RT: 12.99 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM023662.D
 Acq: 12 Nov 2019 13:39

Instrument :
 BNA_M
 ClientSampleId :
 C0CP6DL

Tgt Ion: 216 Resp: 1219933
 Ion Ratio Lower Upper
 216 100
 214 78.0 63.1 94.7
 218 47.8 38.6 57.8



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

