

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
 Data File : BM011617.D
 Acq On : 19 Sep 2017 22:52
 Operator : SJ/JU
 Sample : I5271-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ4

Quant Time: Sep 20 07:14:51 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	8.02	152	300042	20.00	ng/ul	0.05
18) Naphthalene-d8	10.80	136	1640664	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.60	164	930665	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2102155	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2269755	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2069716	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	40892	6.13	ng/uL	0.00
5) Phenol-d5	7.12	99	208979	7.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	686592	35.36	ng/ul	0.03
9) 2-Chlorophenol-d4	7.51	132	630250	29.03	ng/ul	0.02
13) 4-Methylphenol-d8	8.67	113	387013	17.21	ng/ul	0.01
19) Nitrobenzene-d5	9.15	128	384470	30.87	ng/ul	0.02
22) 2-Nitrophenol-d4	9.86	143	418305	32.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	712092	27.32	ng/ul	0.01
29) 4-Chloroaniline-d4	10.92	131	52645	1.83	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	2464233	31.32	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2950152	31.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	86193	5.83	ng/ul	0.00
58) Fluorene-d10	15.59	176	2103601	30.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	347313	28.39	ng/ul	0.00
71) Anthracene-d10	17.43	188	3369399	32.55	ng/ul	0.00
79) Pyrene-d10	19.72	212	3879806	36.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3453464	35.01	ng/ul	0.00

Target Compounds

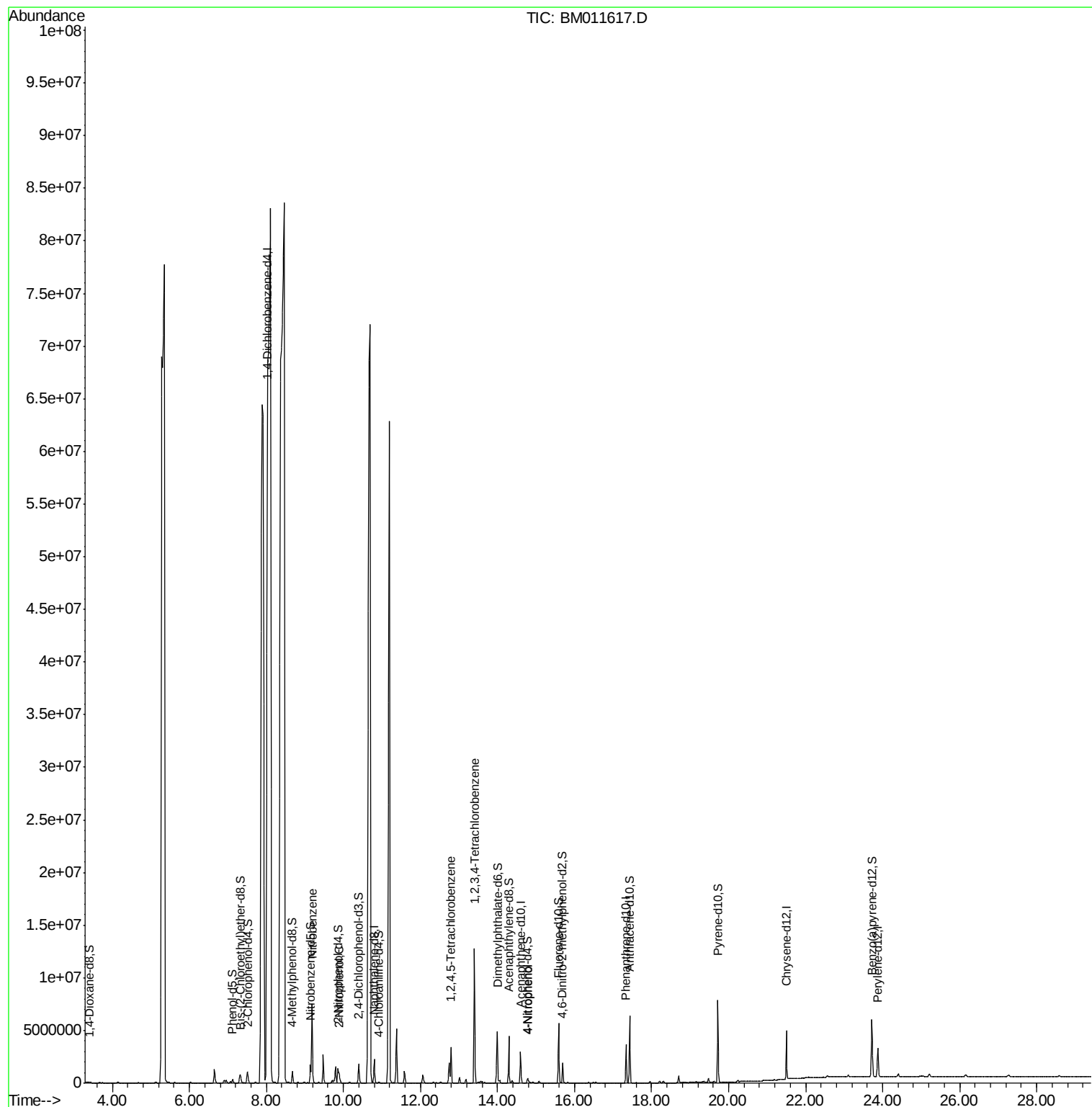
					Qvalue	
20) Nitrobenzene	9.19	77	3856953	131.700	ng/ul	95
23) 2-Nitrophenol	9.89	139	288181	21.184	ng/ul#	92
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	1120765	40.597	ng/ul#	96
53) 4-Nitrophenol	14.79	109	29567	3.111	ng/ul#	67
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	3754858	134.044	ng/uL	98

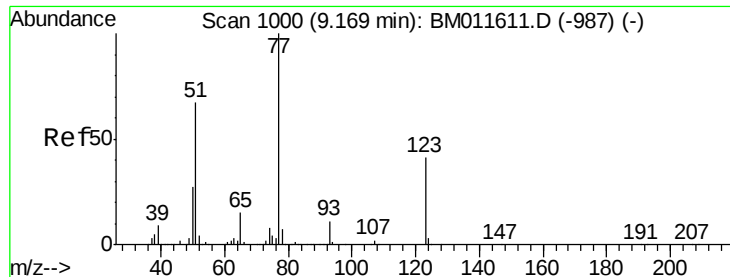
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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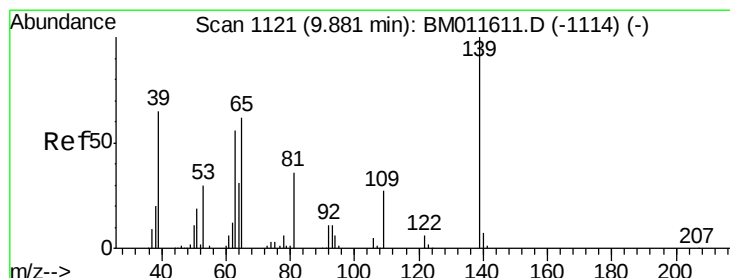
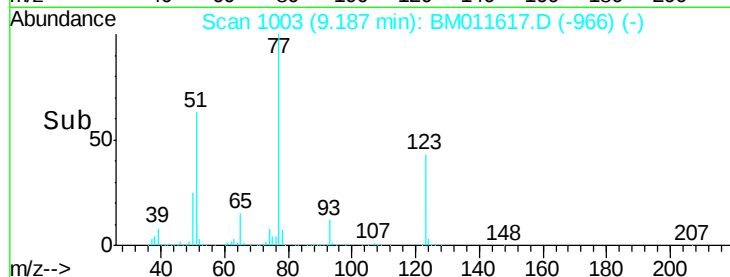
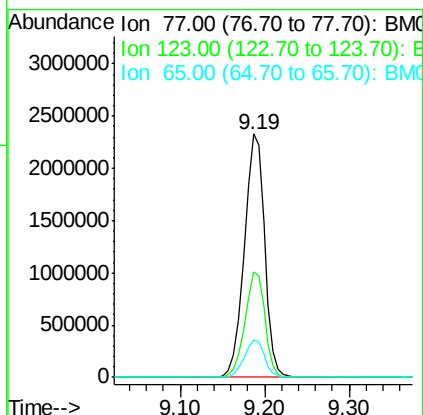
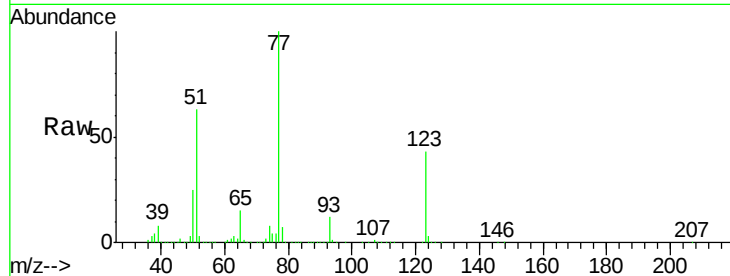




#20
Nitrobenzene
Concen: 131.700 ng/ul
RT: 9.19 min Scan# 1003
Delta R.T. 0.02 min
Lab File: BM011617.D
Acq: 19 Sep 2017 22:52

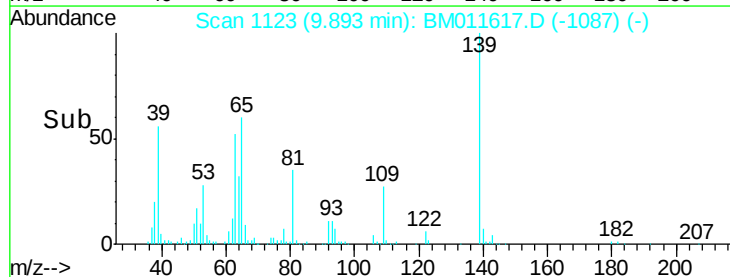
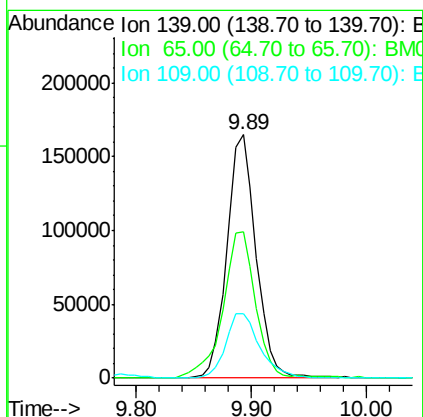
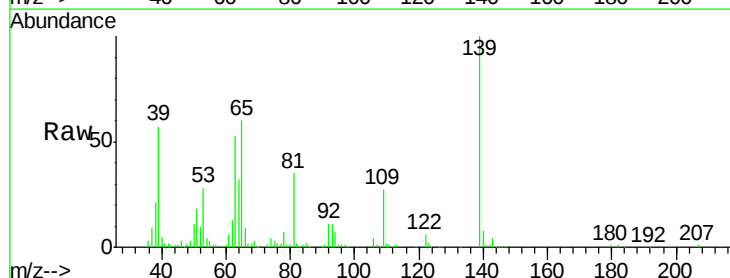
Instrument :
BNA_M
ClientSampleId :
C0AJ4

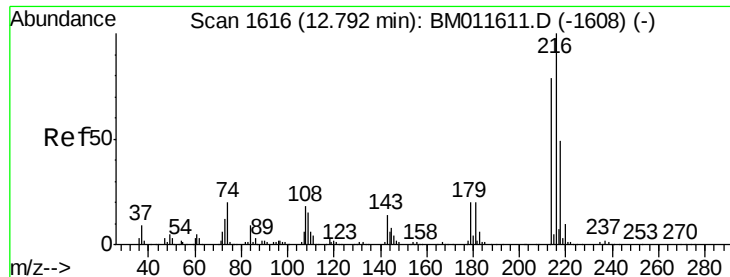
Tgt Ion: 77 Resp: 3856953
Ion Ratio Lower Upper
77 100
123 43.3 31.8 47.8
65 15.2 10.6 16.0



#23
2-Nitrophenol
Concen: 21.184 ng/ul
RT: 9.89 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BM011617.D
Acq: 19 Sep 2017 22:52

Tgt Ion: 139 Resp: 288181
Ion Ratio Lower Upper
139 100
65 60.1 45.3 67.9
109 26.5 27.7 41.5#





#37

1,2,4,5-Tetrachlorobenzene

Concen: 40.597 ng/ul

RT: 12.79 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BM011617.D

Acq: 19 Sep 2017 22:52

Instrument :

BNA_M

ClientSampled :

C0AJ4

Tgt Ion:216 Resp: 1120765

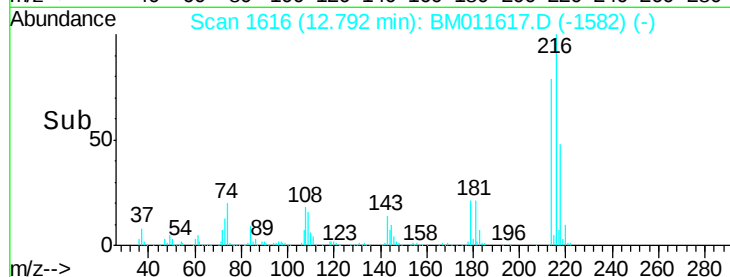
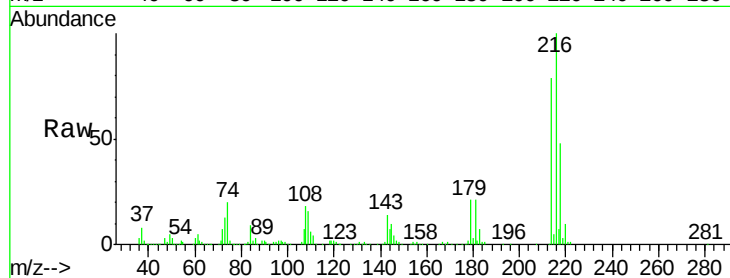
Ion Ratio Lower Upper

216 100

214 78.7 64.1 96.1

179 20.8 14.5 21.7

108 18.4 10.4 15.6#

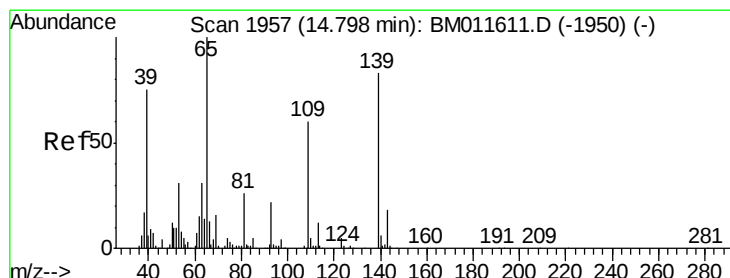
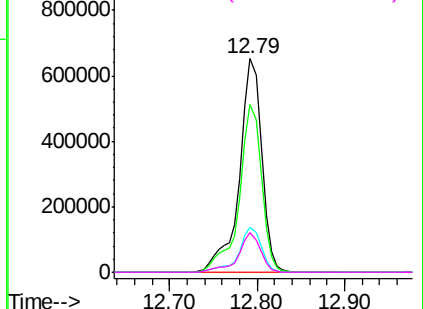


Abundance Ion 216.00 (215.70 to 216.70): E

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



#53

4-Nitrophenol

Concen: 3.111 ng/ul

RT: 14.79 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM011617.D

Acq: 19 Sep 2017 22:52

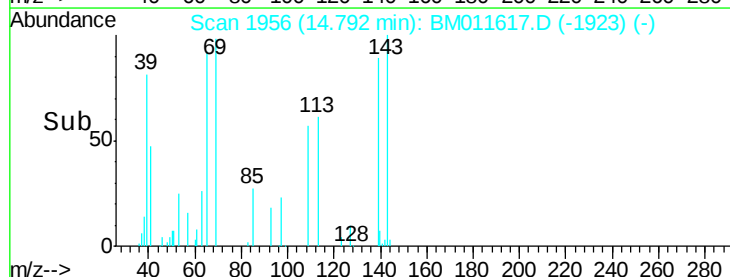
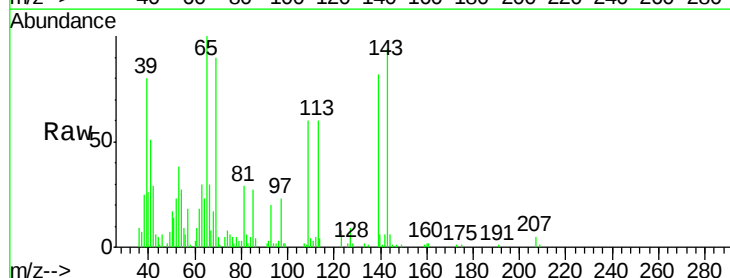
Tgt Ion:109 Resp: 29567

Ion Ratio Lower Upper

109 100

139 136.4 91.2 136.8

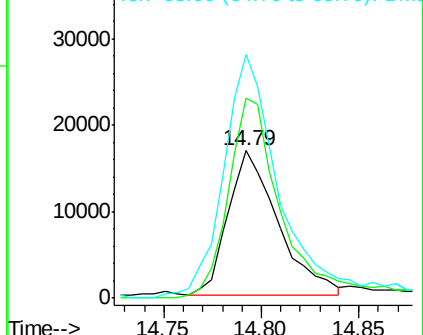
65 165.6 92.6 139.0#

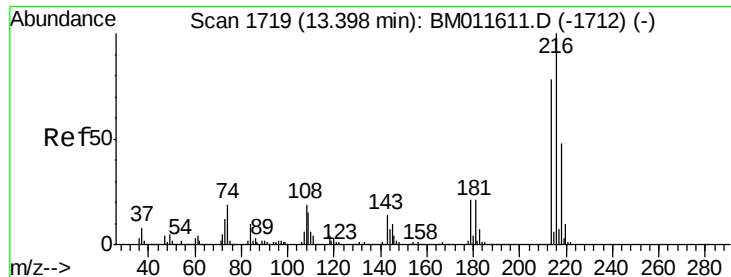


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E





#73

1,2,3,4-Tetrachlorobenzene

Concen: 134.044 ng/uL

RT: 13.40 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BM011617.D

Acq: 19 Sep 2017 22:52

Instrument :

BNA_M

ClientSampleId :

C0AJ4

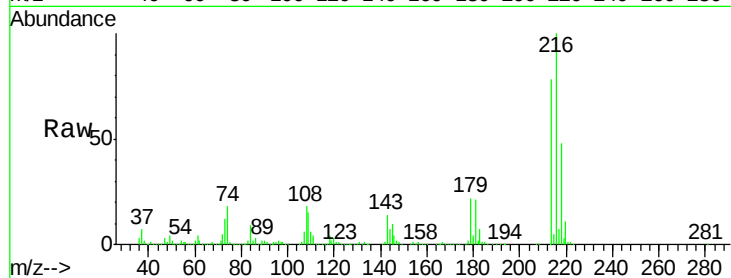
Tgt Ion:216 Resp: 3754858

Ion Ratio Lower Upper

216 100

214 77.7 64.1 96.1

218 47.9 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

