

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120818\
 Data File : BM018017.D
 Acq On : 08 Dec 2018 14:12
 Operator : JU/SJ
 Sample : J6077-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y38

Quant Time: Dec 10 03:56:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 10 03:53:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	132220	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	524030	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	273529	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	581503	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	611827	20.00	ng/ul	0.00
85) Perylene-d12	23.34	264	625890	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	17232	5.96	ng/uL	0.00
5) Phenol-d5	6.75	99	282013	23.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	170415	23.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	255572	27.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	223125	22.61	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	116354	28.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	125740	27.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	215863	24.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	244199	32.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	675044	28.44	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	840421	29.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	57510	13.33	ng/ul	0.01
57) Fluorene-d10	15.20	176	588493	28.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	86216	20.74	ng/ul	0.00
70) Anthracene-d10	17.06	188	861180	29.75	ng/ul	0.00
78) Pyrene-d10	19.37	212	954884	32.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	1059264	31.21	ng/ul	0.00

Target Compounds

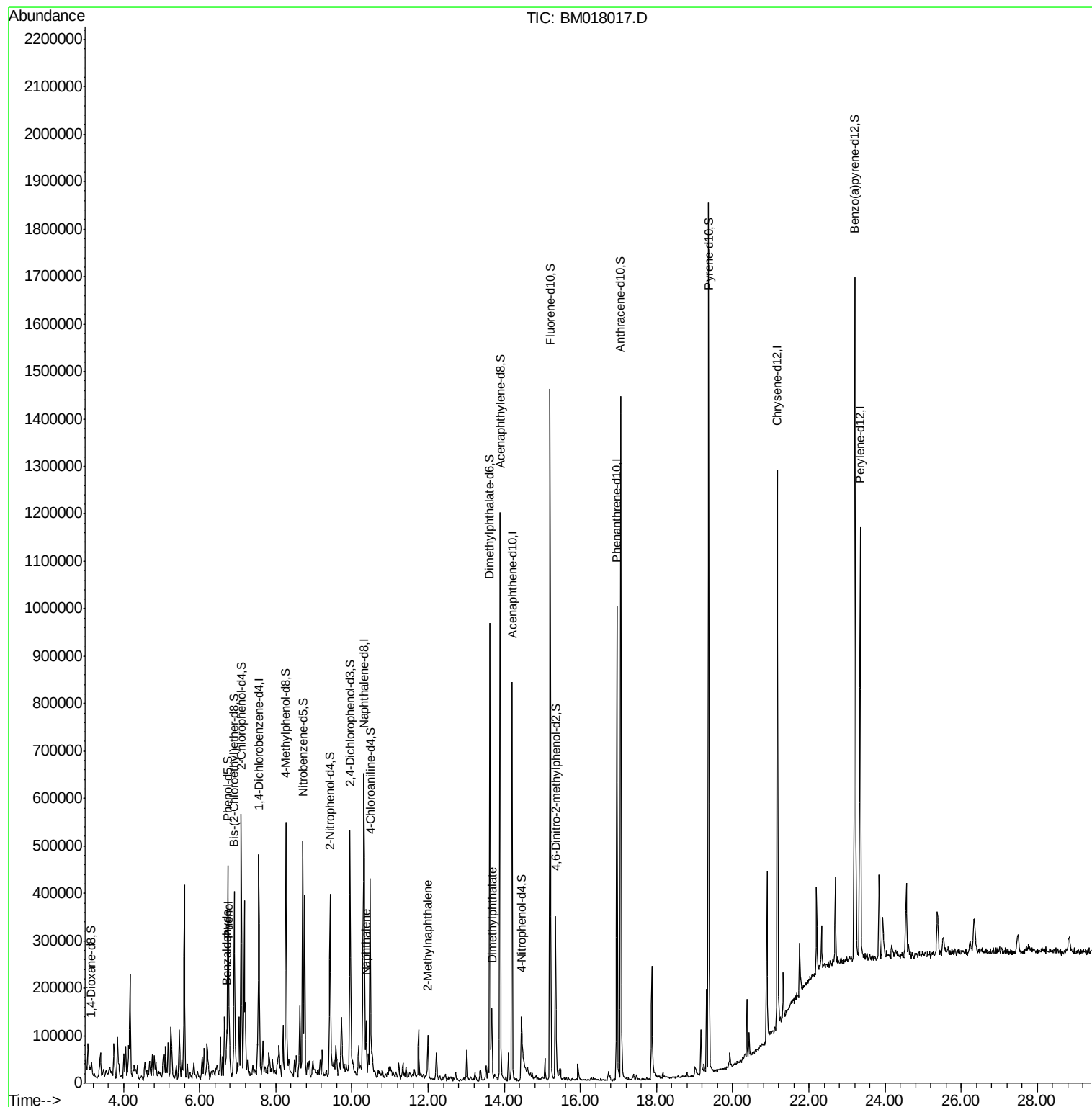
					Qvalue
4) Benzaldehyde	6.71	77	5002	2.221 ng/ul#	1
6) Phenol	6.77	94	56635	4.699 ng/ul	97
28) Naphthalene	10.37	128	61107	2.238 ng/ul	98
34) 2-Methylnaphthalene	12.00	142	52736	2.587 ng/ul	96
44) Dimethylphthalate	13.67	163	89920	3.911 ng/ul	100

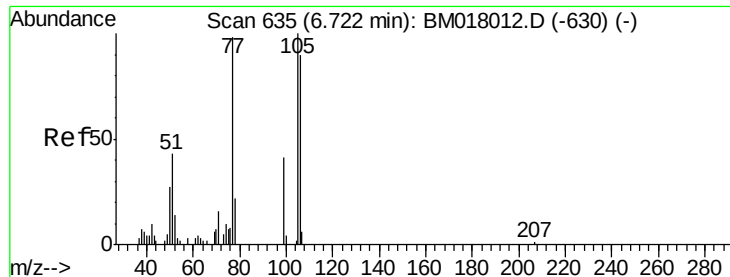
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 2.221 ng/ul

RT: 6.71 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM018017.D

Acq: 08 Dec 2018 14:12

Instrument :

BNA_M

ClientSampleId :

F9Y38

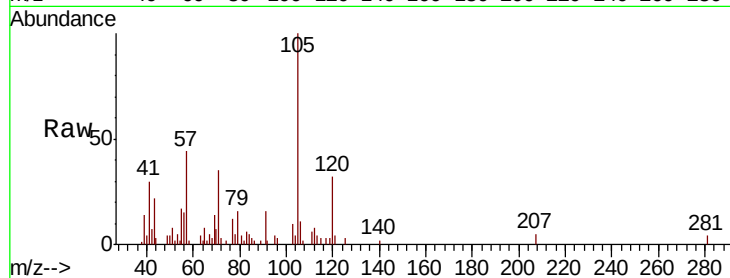
Tgt Ion: 77 Resp: 5002

Ion Ratio Lower Upper

77 100

105 842.9 74.4 111.6#

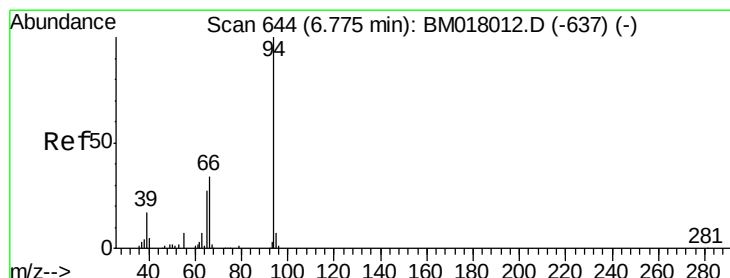
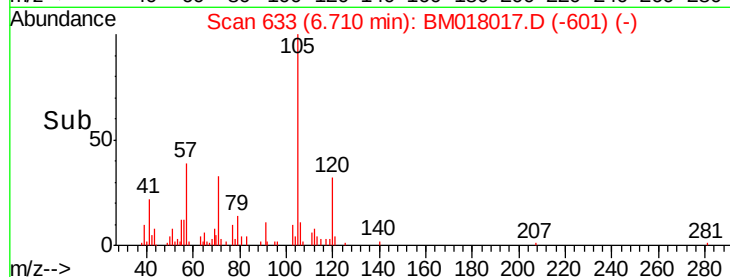
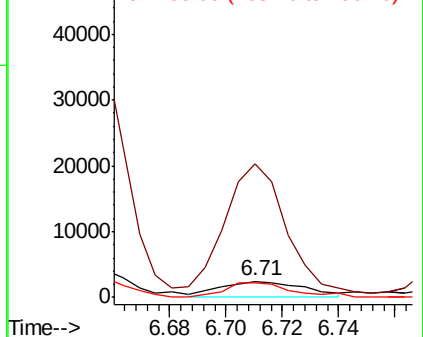
106 91.9 67.4 101.2



Abundance Ion 77.00 (76.70 to 77.70): BM018017.D (-601) (-)

Ion 105.00 (104.70 to 105.70): BM018017.D (-601) (-)

Ion 106.00 (105.70 to 106.70): BM018017.D (-601) (-)



#6

Phenol

Concen: 4.699 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018017.D

Acq: 08 Dec 2018 14:12

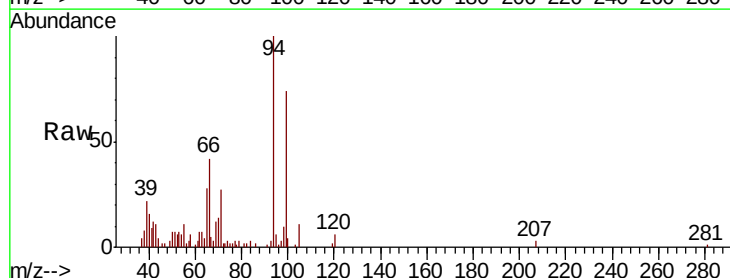
Tgt Ion: 94 Resp: 56635

Ion Ratio Lower Upper

94 100

65 28.0 24.7 37.1

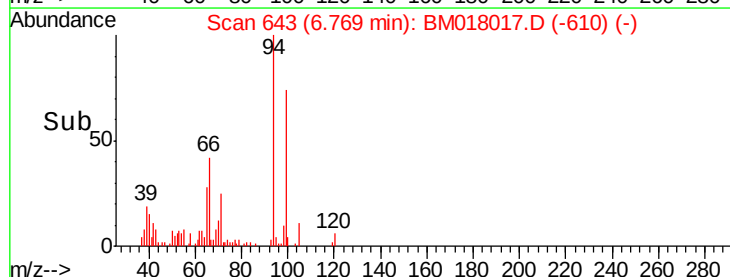
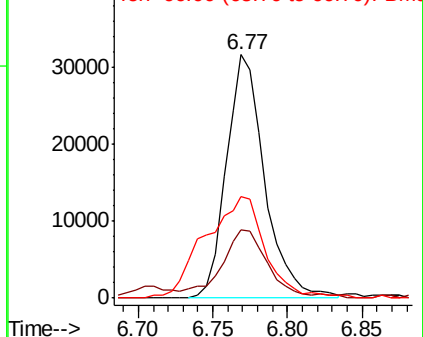
66 41.9 34.6 51.8

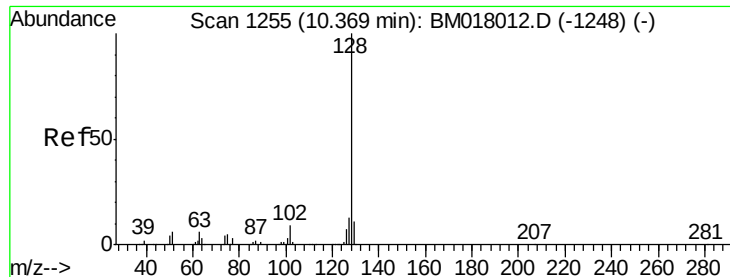


Abundance Ion 94.00 (93.70 to 94.70): BM018017.D (-610) (-)

Ion 65.00 (64.70 to 65.70): BM018017.D (-610) (-)

Ion 66.00 (65.70 to 66.70): BM018017.D (-610) (-)





#28

Naphthalene

Concen: 2.238 ng/ul

RT: 10.37 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BM018017.D

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Instrument :

BNA_M

ClientSampleId :

F9Y38

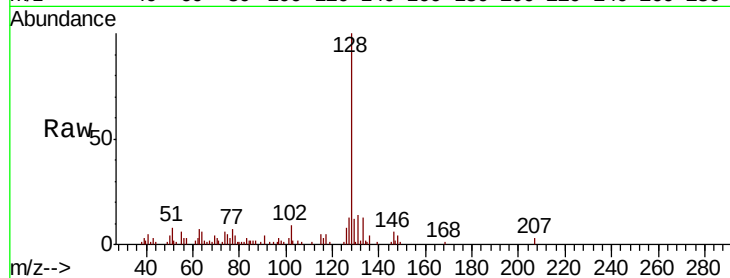
Tgt Ion:128 Resp: 61107

Ion Ratio Lower Upper

128 100

129 11.6 8.6 12.8

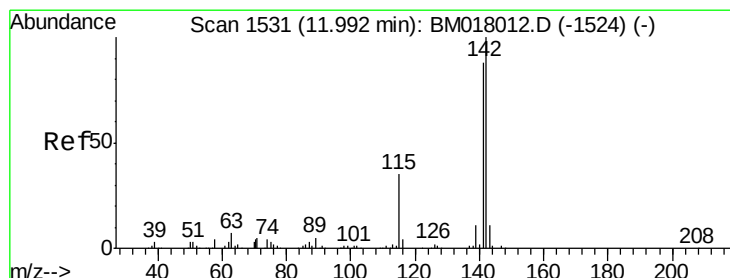
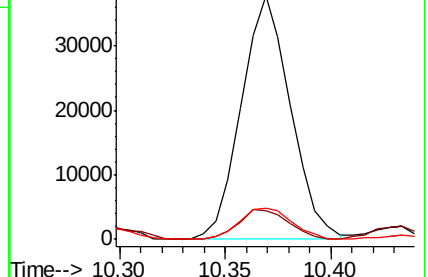
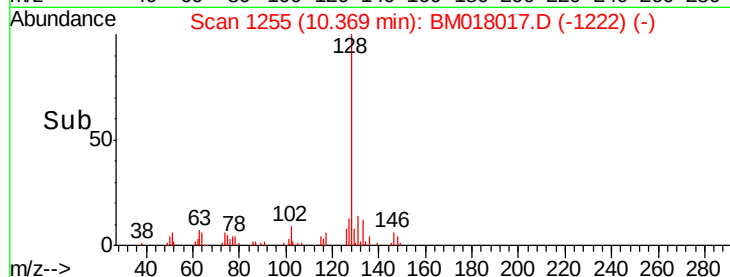
127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 2.587 ng/ul

RT: 12.00 min Scan# 1532

Delta R.T. 0.01 min

Lab File: BM018017.D

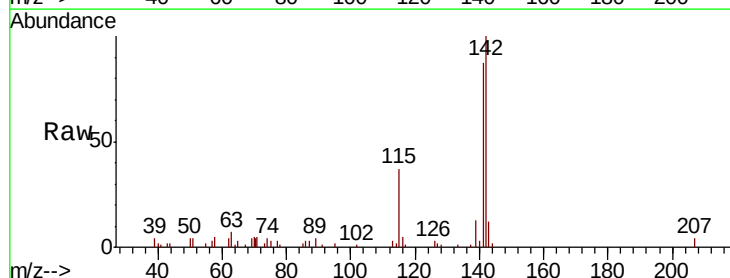
Acq: 08 Dec 2018 14:12

Tgt Ion:142 Resp: 52736

Ion Ratio Lower Upper

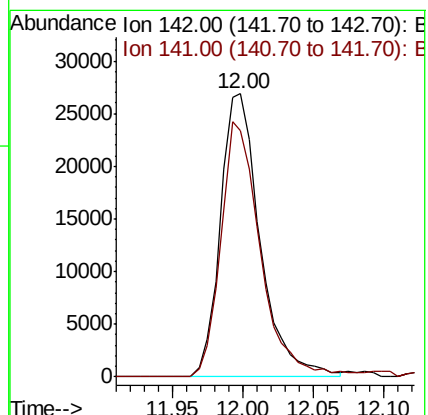
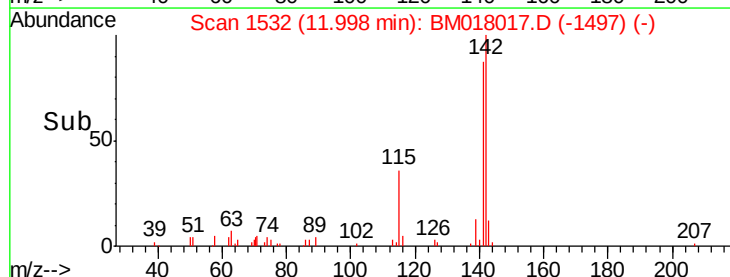
142 100

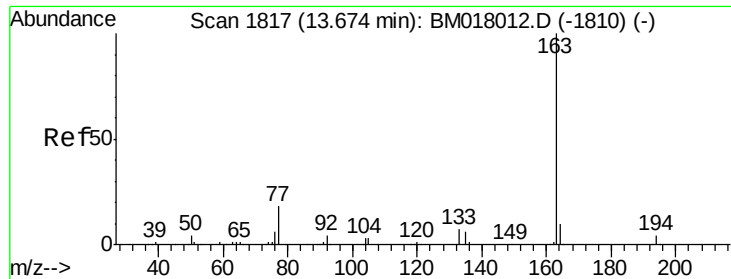
141 87.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#44

Dimethylphthalate

Concen: 3.911 ng/ul

RT: 13.67 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BM018017.D

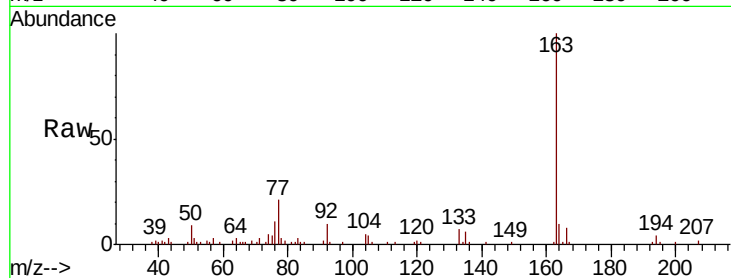
Acq: 08 Dec 2018 14:12

Instrument :

BNA_M

ClientSampleId :

F9Y38



Tgt Ion:	163	Resp:	89920
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.1	8.1	12.1

