

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
 Data File : BM028431.D
 Acq On : 18 Jan 2021 18:44
 Operator : CG/JU
 Sample : M1099-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 18 23:43:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 18 23:34:50 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	37813	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	144580	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	75853	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	139233	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	122869	20.00	ng/ul	0.00
86) Perylene-d12	23.90	264	124766	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	5686	6.34	ng/uL	0.00
5) Phenol-d5	7.24	99	112161	34.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	69180	34.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	96596	34.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	89214	34.22	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	44035	35.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	48753	36.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	83428	33.88	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	112008	39.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	215132	35.72	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	280886	36.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	32641	28.93	ng/ul	0.00
58) Fluorene-d10	15.71	176	175916	33.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	23904	24.95	ng/ul	0.00
71) Anthracene-d10	17.55	188	247750	34.56	ng/ul	0.00
79) Pyrene-d10	19.82	212	250477	34.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.75	264	255535	36.09	ng/ul	0.01

Target Compounds

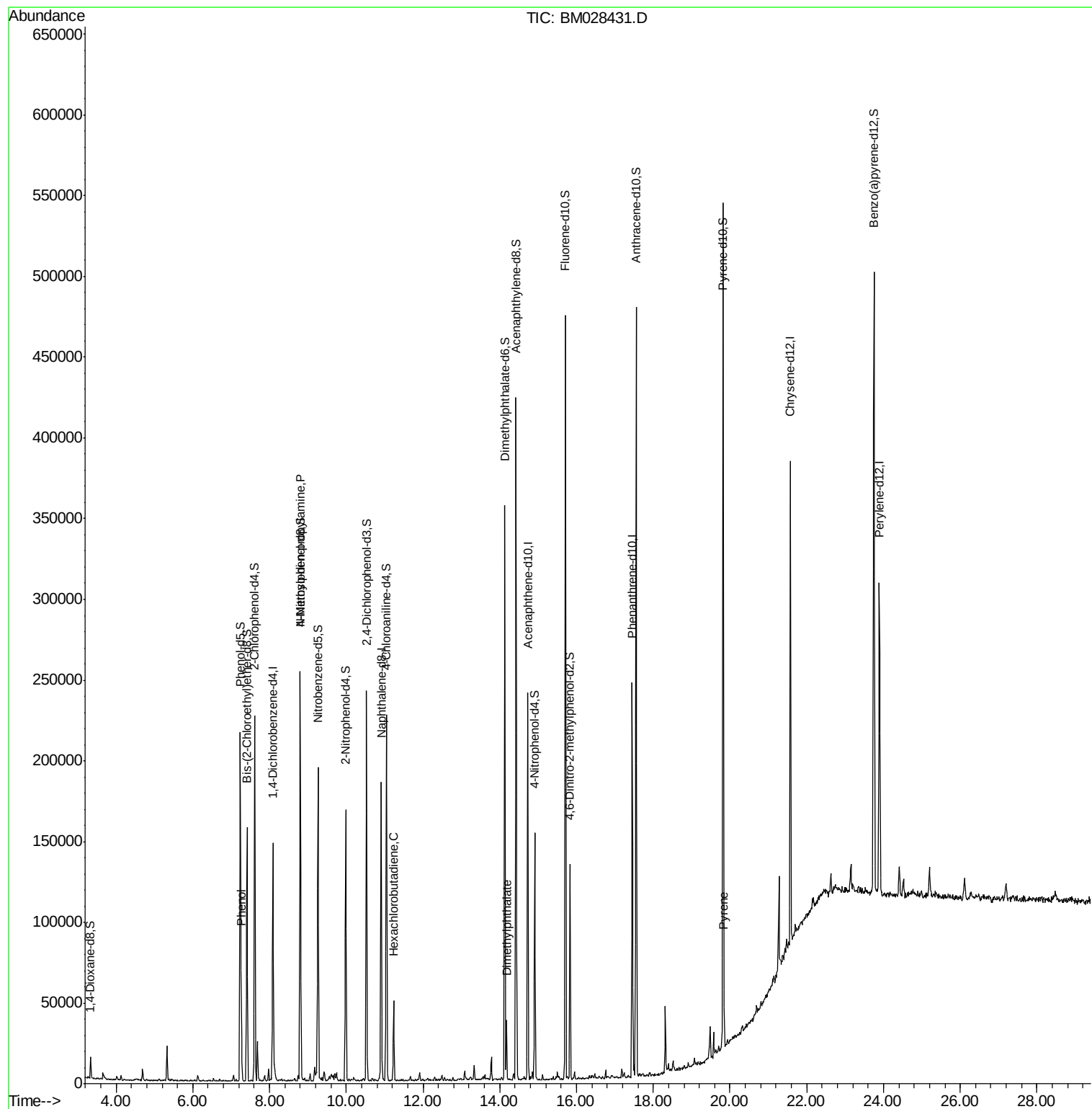
					Ovalue
6) Phenol	7.26	94	20217	6.294 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.80	70	2242	1.145 ng/ul#	1
31) Hexachlorobutadiene	11.23	225	9918	6.426 ng/ul	98
45) Dimethylphthalate	14.17	163	20243	3.316 ng/ul#	98
80) Pyrene	19.84	202	11213	1.180 ng/ul	98

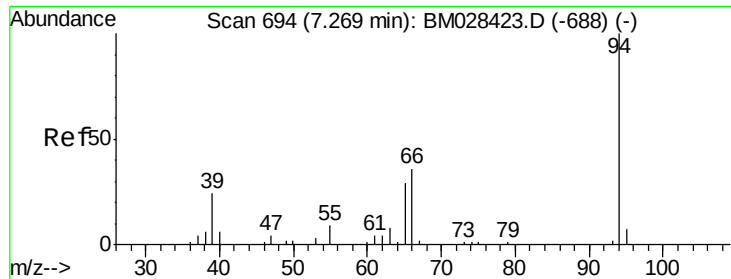
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.294 ng/ul

RT: 7.26 min Scan# 693

Delta R.T. 0.01 min

Lab File: BM028431.D

Acq: 18 Jan 2021 18:44

Instrument :

BNA_M

ClientSampleId :

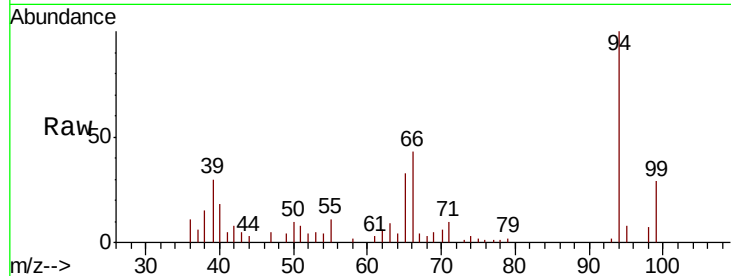
Tot Ion: 94 Resp: 20217

Ion Ratio Lower Upper

94 100

65 32.9 25.6 38.4

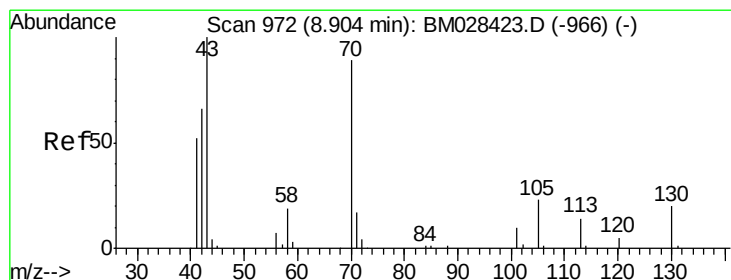
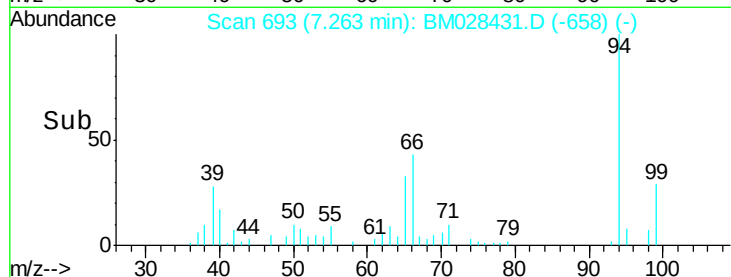
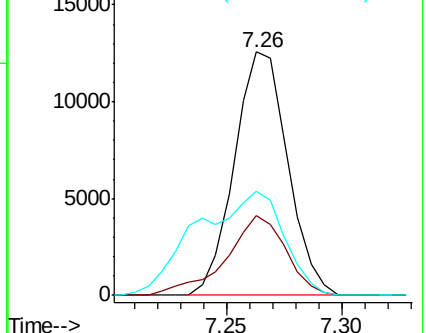
66 42.7 33.0 49.4



Abundance Ion 94.00 (93.70 to 94.70): BM028431.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BM028431.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BM028431.D (-658) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.145 ng/ul

RT: 8.80 min Scan# 954

Delta R.T. -0.10 min

Lab File: BM028431.D

Acq: 18 Jan 2021 18:44

Tgt Ion: 70 Resp: 2242

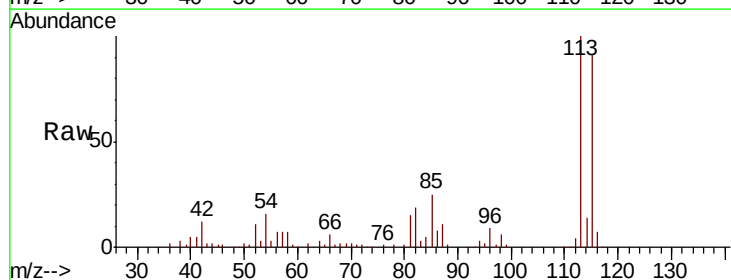
Ion Ratio Lower Upper

70 100

42 475.4 58.2 87.4#

101 0.0 8.2 12.4#

130 0.0 17.8 26.6#

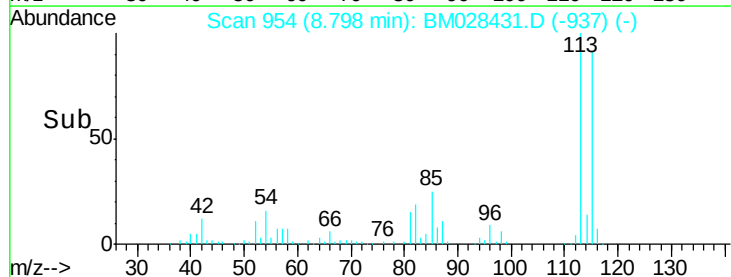
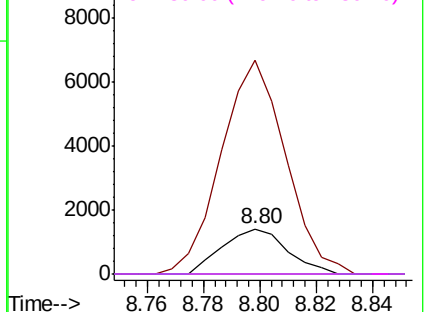


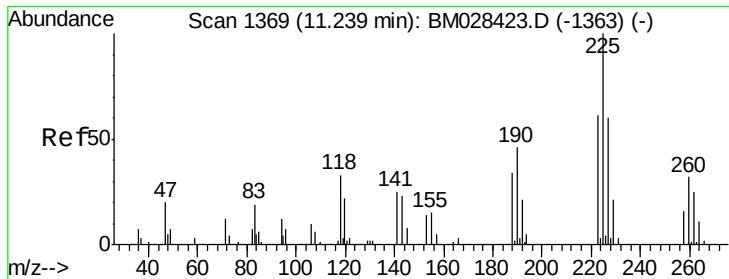
Abundance Ion 70.00 (69.70 to 70.70): BM028431.D (-937) (-)

Ion 42.00 (41.70 to 42.70): BM028431.D (-937) (-)

Ion 101.00 (100.70 to 101.70): BM028431.D (-937) (-)

Ion 130.00 (129.70 to 130.70): BM028431.D (-937) (-)





#31

Hexachlorobutadiene

Concen: 6.426 ng/ul

RT: 11.23 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BM028431.D

Acq: 18 Jan 2021 18:44

Instrument :

BNA_M

ClientSampled :

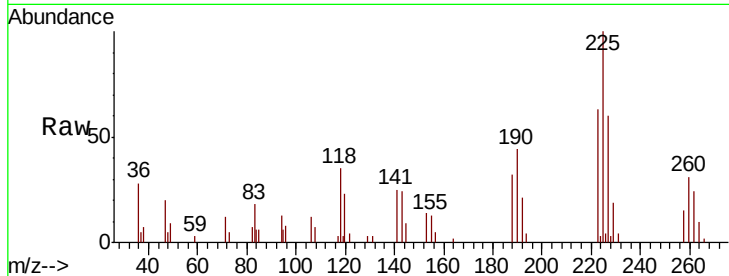
Tot Ion:225 Resp: 9918

Ion Ratio Lower Upper

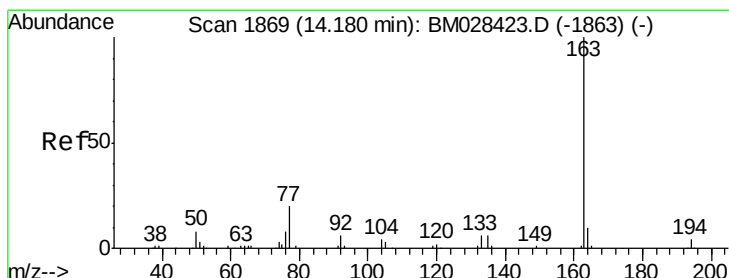
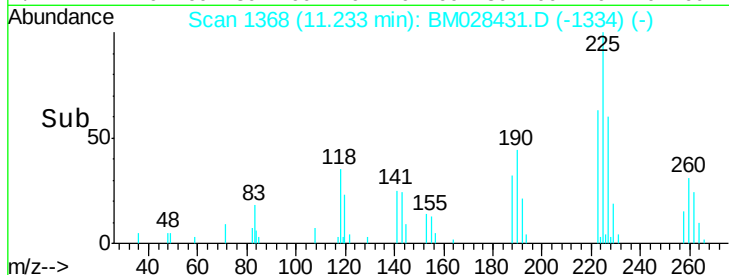
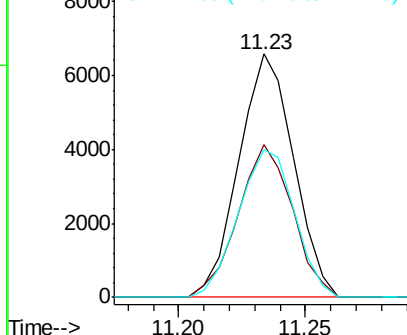
225 100

223 62.6 50.8 76.2

227 63.3 51.8 77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#45

Dimethylphthalate

Concen: 3.316 ng/ul

RT: 14.17 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BM028431.D

Acq: 18 Jan 2021 18:44

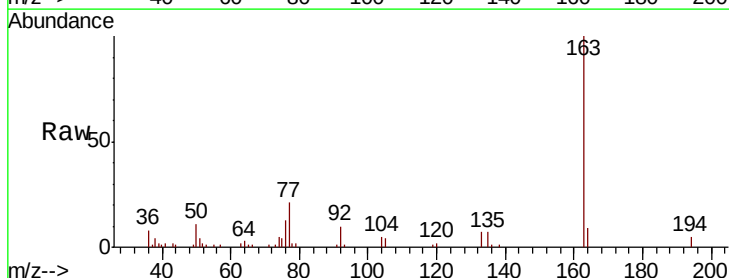
Tgt Ion:163 Resp: 20243

Ion Ratio Lower Upper

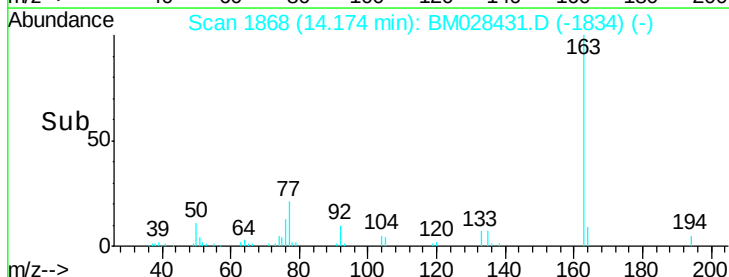
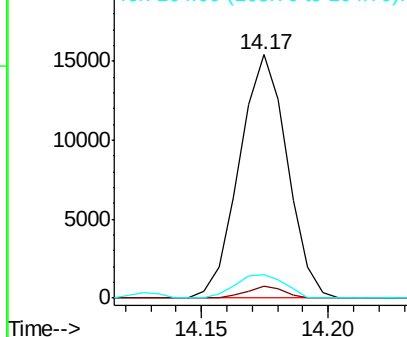
163 100

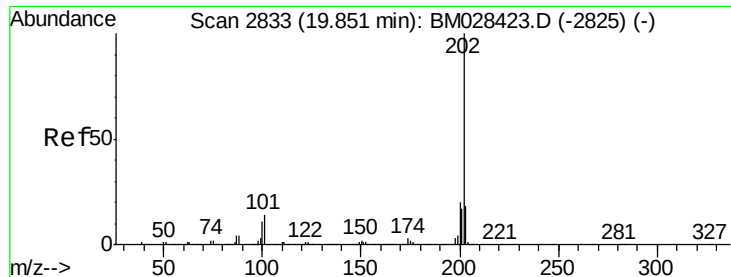
194 4.9 3.3 4.9#

164 9.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

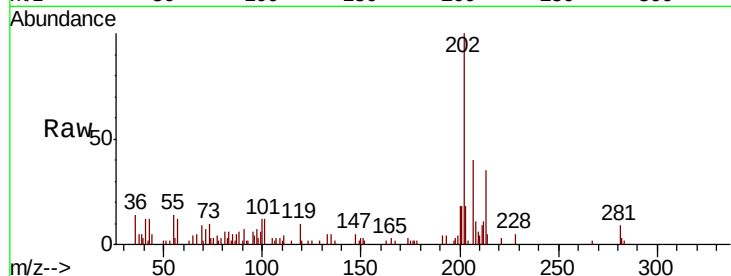




#80
 Pvrene
 Concen: 1.180 ng/ul
 RT: 19.84 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM028431.D
 Acq: 18 Jan 2021 18:44

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.6	15.8
100	11.5	8.9	13.3



Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

