

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN032218\
 Data File : BN000553.D
 Acq On : 22 Mar 2018 22:45
 Operator : JU/SJ
 Sample : J1905-10DL 50X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM45DL

Quant Time: Mar 23 08:24:11 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 23 02:22:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	163570	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	708410	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	400450	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	860678	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	853984	20.00	ng/ul	-0.01
83) Perylene-d12	24.36	264	810179	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.56	99	2135	0.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.72	67	3226	0.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	2362	0.20	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	2100	0.18	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	1542	0.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	1188	0.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	2379	0.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.35	131	4375	0.40	ng/ul	-0.04
43) Dimethylphthalate-d6	14.42	166	8771	0.28	ng/ul	0.00
46) Acenaphthylene-d8	14.73	160	11088	0.27	ng/ul	0.00
51) 4-Nitrophenol-d4	15.23	143	2476	0.42	ng/ul	0.00
57) Fluorene-d10	16.01	176	10391	0.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	3545	0.72	ng/ul	0.00
70) Anthracene-d10	17.85	188	13641	0.33	ng/ul	0.00
76) Pyrene-d10	20.11	212	12563	0.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	10476	0.27	ng/ul	-0.01

Target Compounds

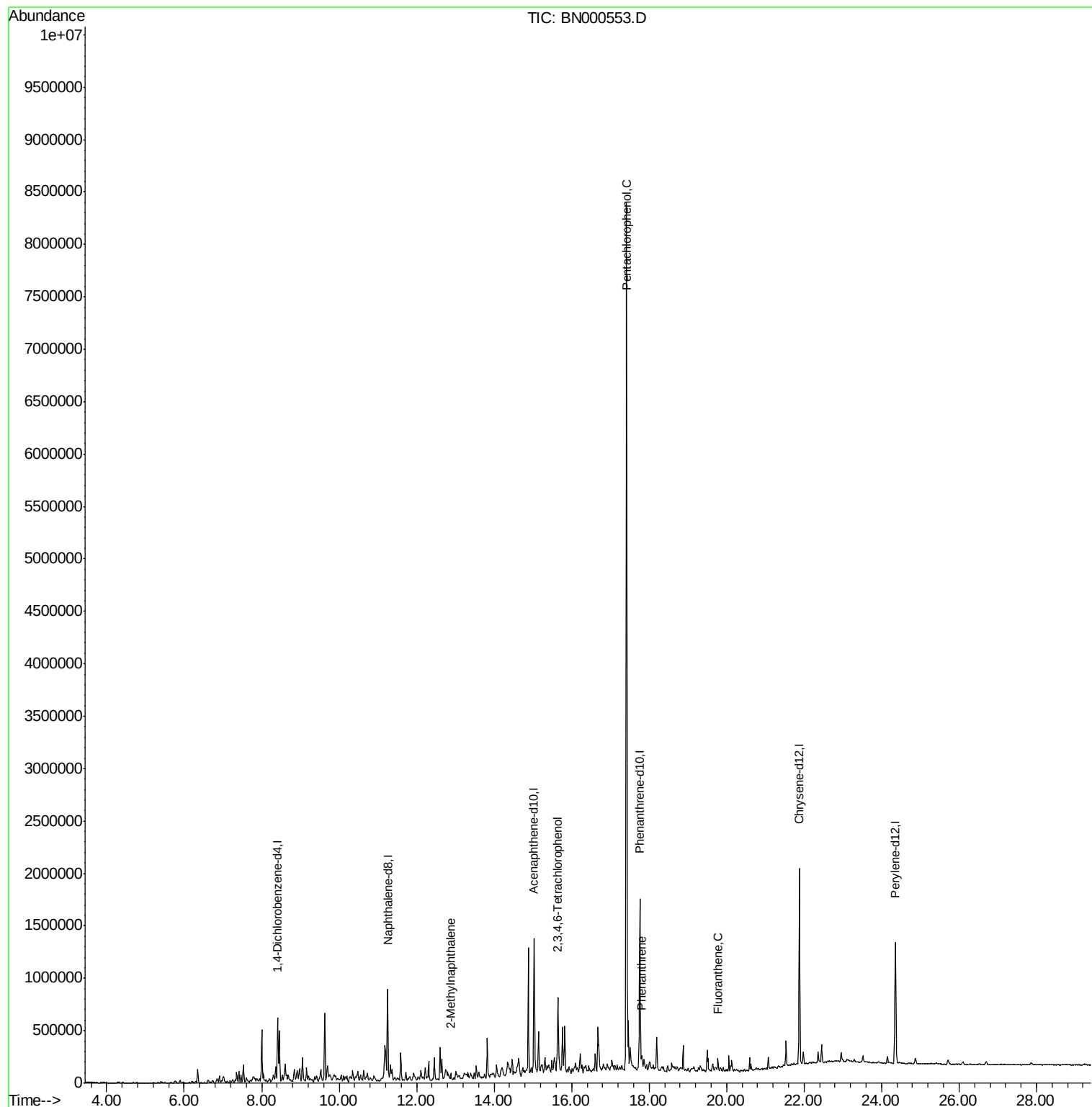
					Qvalue
34) 2-Methylnaphthalene	12.88	142	26618	1.072 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.65	232	130019	20.010 ng/ul#	92
68) Pentachlorophenol	17.42	266	1564015	319.819 ng/ul	97
69) Phenanthrene	17.80	178	59027	1.190 ng/ul	97
74) Fluoranthene	19.78	202	59052	1.199 ng/ul#	78

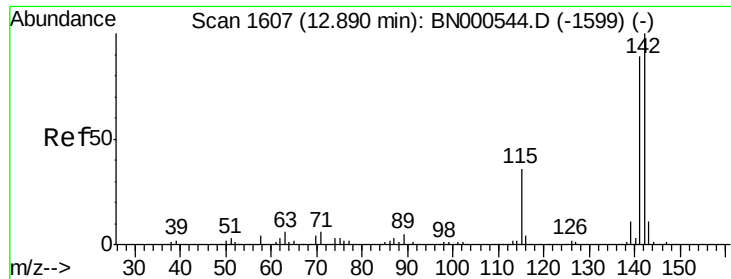
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

2-Methylnaphthalene

Concen: 1.072 ng/ul

RT: 12.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BN000553.D

Acq: 22 Mar 2018 22:45

Instrument :

BNA_N

ClientSampleId :

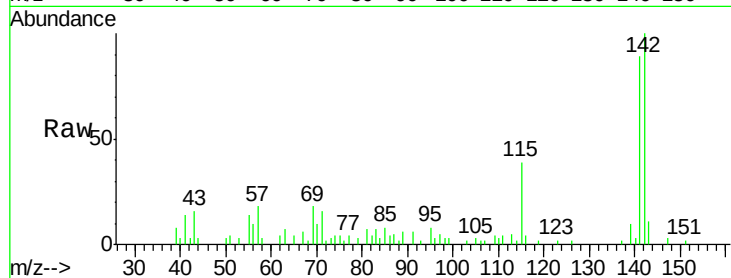
DAM45DL

Tgt Ion:142 Resp: 26618

Ion Ratio Lower Upper

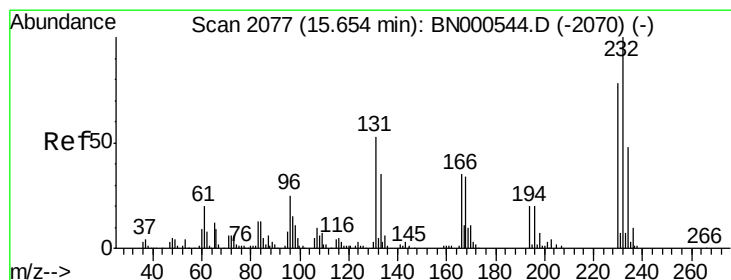
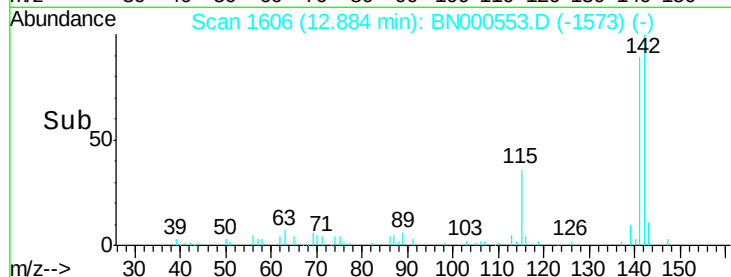
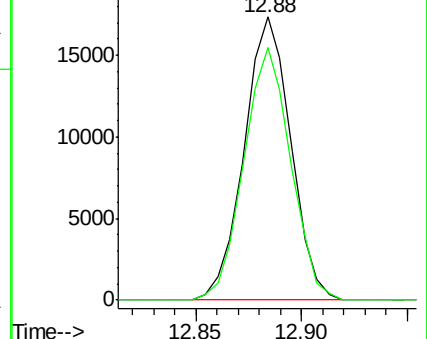
142 100

141 89.2 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 20.010 ng/ul

RT: 15.65 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BN000553.D

Acq: 22 Mar 2018 22:45

Tgt Ion:232 Resp: 130019

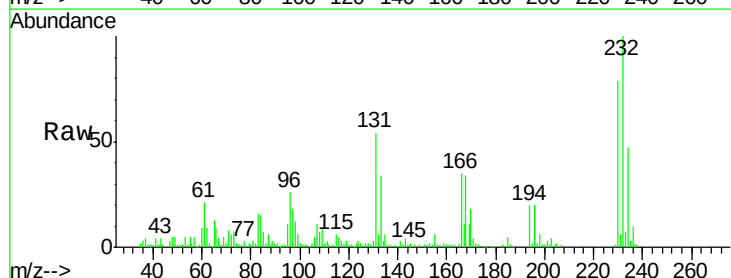
Ion Ratio Lower Upper

232 100

131 54.1 48.0 72.0

130 3.2 4.0 6.0#

166 35.0 32.0 48.0

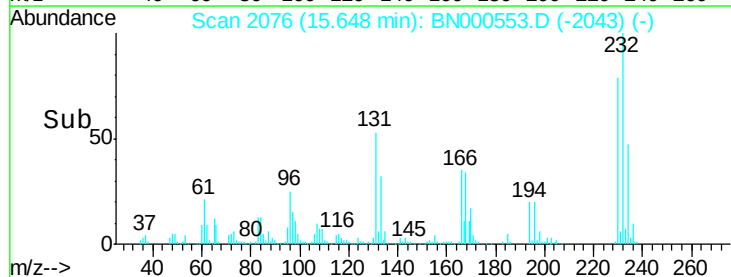
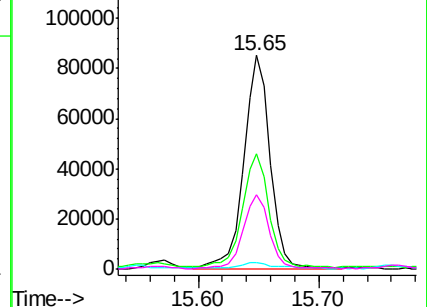


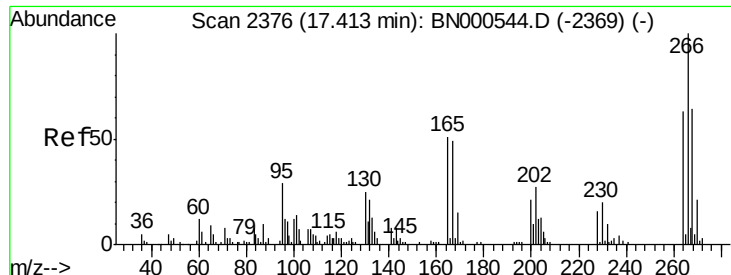
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

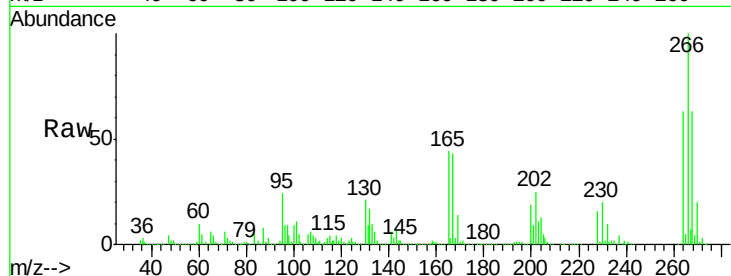




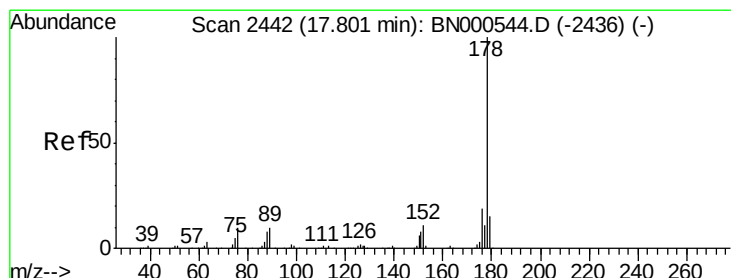
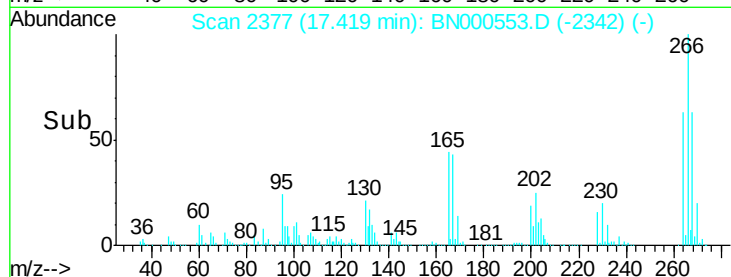
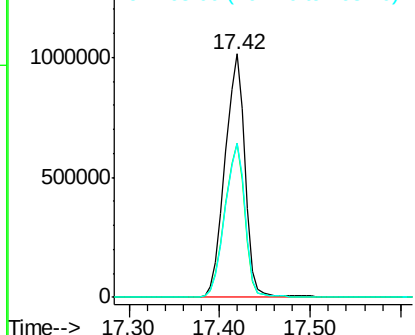
#68
 Pentachlorophenol
 Concen: 319.819 ng/ul
 RT: 17.42 min Scan# 2377
 Delta R.T. 0.01 min
 Lab File: BN000553.D
 Acq: 22 Mar 2018 22:45

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:266 Resp: 1564015
 Ion Ratio Lower Upper
 266 100
 264 63.3 48.2 72.4
 268 63.1 52.3 78.5

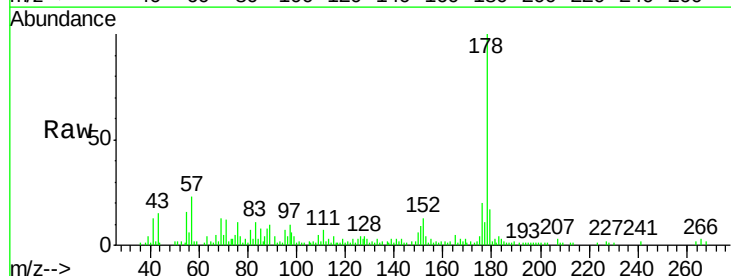


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

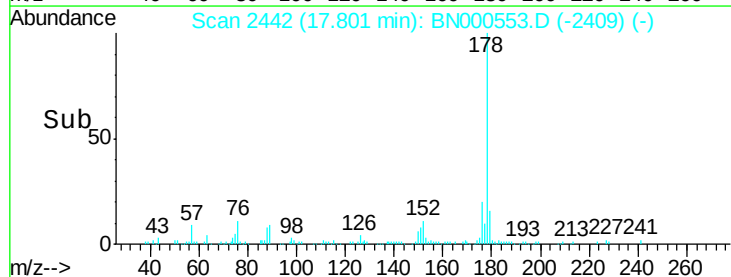
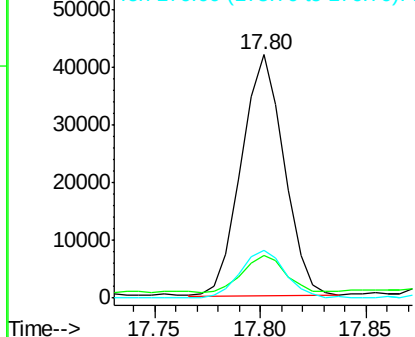


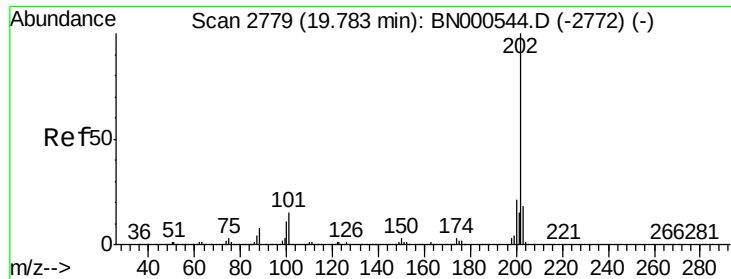
#69
 Phenanthrene
 Concen: 1.190 ng/ul
 RT: 17.80 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BN000553.D
 Acq: 22 Mar 2018 22:45

Tgt Ion:178 Resp: 59027
 Ion Ratio Lower Upper
 178 100
 179 17.4 12.3 18.5
 176 19.6 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.199 ng/ul

RT: 19.78 min Scan# 2778

Delta R.T. -0.01 min

Lab File: BN000553.D

Acq: 22 Mar 2018 22:45

Instrument :

BNA_N

ClientSampleId :

DAM45DL

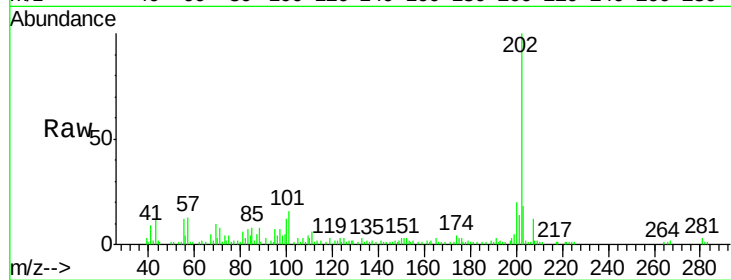
Tgt Ion:202 Resp: 59052

Ion Ratio Lower Upper

202 100

101 15.8 6.1 9.1#

100 12.2 4.6 7.0#



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

