

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
 Data File : BN012164.D
 Acq On : 13 Oct 2020 17:36
 Operator : CG/JU
 Sample : L4359-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB7M4

Quant Time: Oct 13 18:10:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 13 11:24:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	279744	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1127650	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	725227	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1564726	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1609193	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	1651111	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	37937	5.99	ng/uL	0.00
5) Phenol-d5	6.80	99	131482	5.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	303046	20.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	349969	18.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	248054	12.70	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	193516	21.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	220548	21.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	428349	22.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	465161	19.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1462893	24.64	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1692531	24.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	43562	3.93	ng/ul	0.00
58) Fluorene-d10	15.27	176	1219662	23.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	131626	12.70	ng/ul	0.00
71) Anthracene-d10	17.12	188	2020068	26.38	ng/ul	0.00
79) Pyrene-d10	19.42	212	2320555	27.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2408690	25.85	ng/ul	0.00

Target Compounds

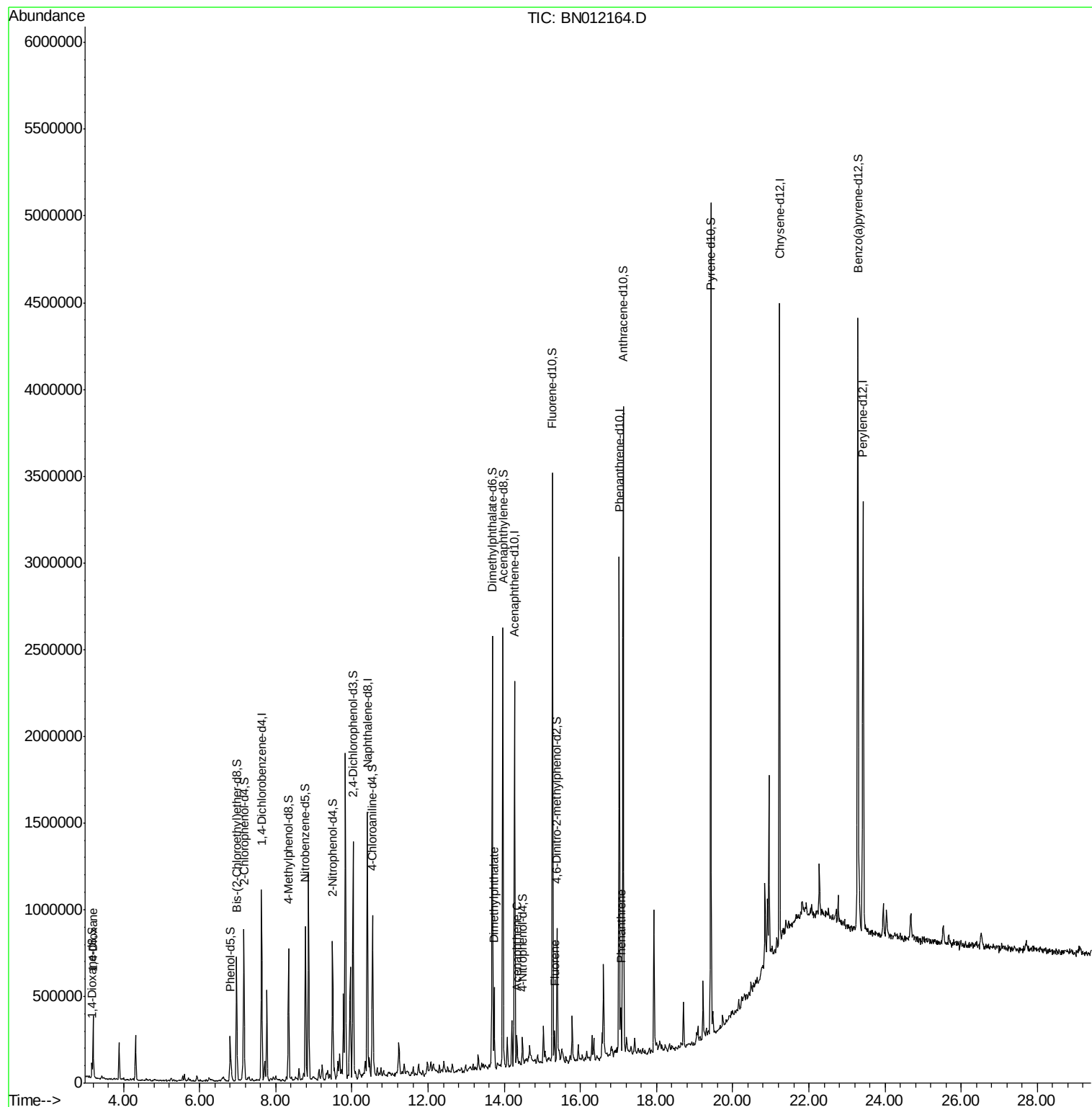
					Ovalue
2) 1,4-Dioxane	3.20	88	181169	25.296	ng/uL 96
45) Dimethylphthalate	13.73	163	259425	4.187	ng/ul 98
50) Acenaphthene	14.33	153	72442	1.403	ng/ul 97
59) Fluorene	15.32	166	67306	1.113	ng/ul# 95
70) Phenanthrene	17.06	178	144544	1.514	ng/ul 98

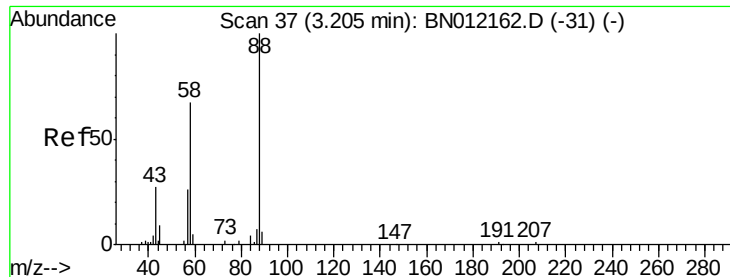
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 25.296 ng/uL

RT: 3.20 min Scan# 37

Delta R.T. 0.01 min

Lab File: BN012164.D

Acq: 13 Oct 2020 17:36

Instrument :

BNA_N

ClientSampleId :

CB7M4

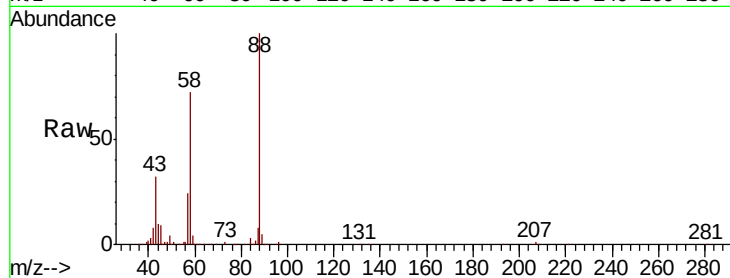
Tot Ion: 88 Resp: 181169

Ion Ratio Lower Upper

88 100

43 32.3 25.3 37.9

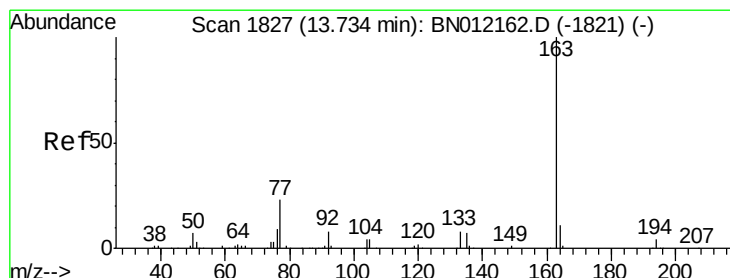
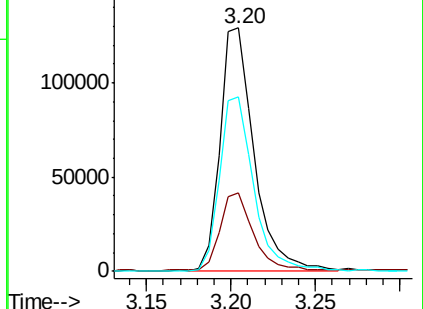
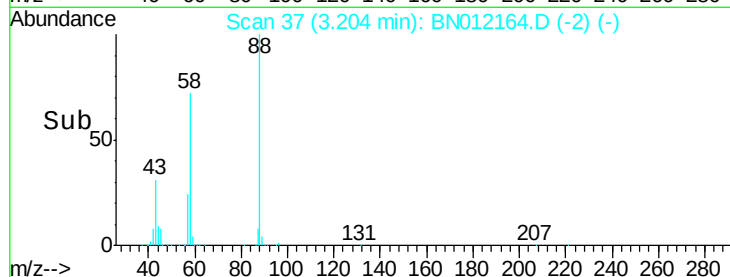
58 71.8 54.3 81.5



Abundance Ion 88.00 (87.70 to 88.70): BN012164.D (-31) (-)

Ion 43.00 (42.70 to 43.70): BN012164.D (-31) (-)

Ion 58.00 (57.70 to 58.70): BN012164.D (-31) (-)



#45

Dimethylphthalate

Concen: 4.187 ng/uL

RT: 13.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BN012164.D

Acq: 13 Oct 2020 17:36

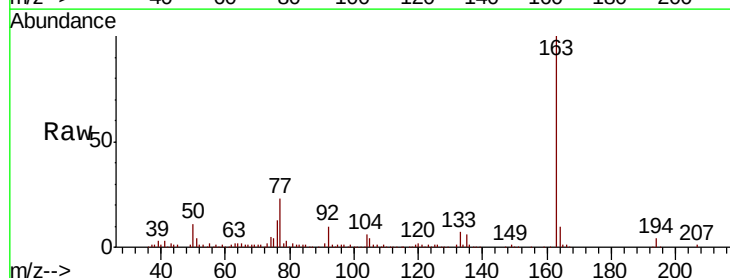
Tgt Ion: 163 Resp: 259425

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

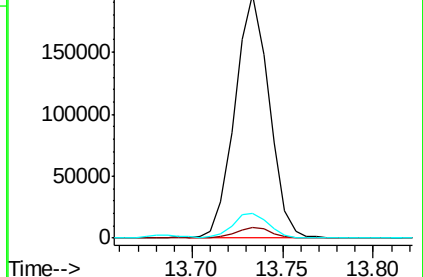
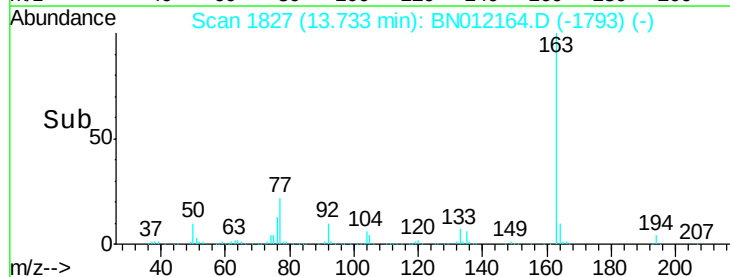
164 10.1 8.6 12.8

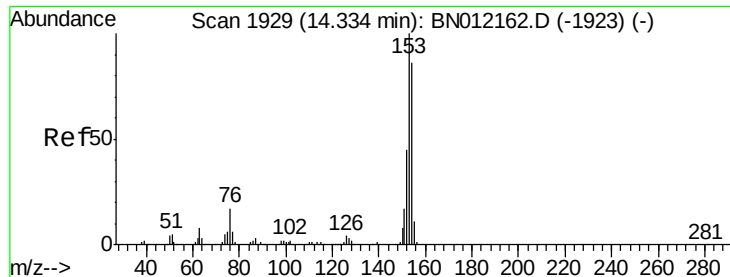


Abundance Ion 163.00 (162.70 to 163.70): BN012164.D (-1793) (-)

Ion 194.00 (193.70 to 194.70): BN012164.D (-1793) (-)

Ion 164.00 (163.70 to 164.70): BN012164.D (-1793) (-)





#50

Acenaphthene

Concen: 1.403 ng/ul

RT: 14.33 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BN012164.D

Acq: 13 Oct 2020 17:36

Instrument :

BNA_N

ClientSampleId :

CB7M4

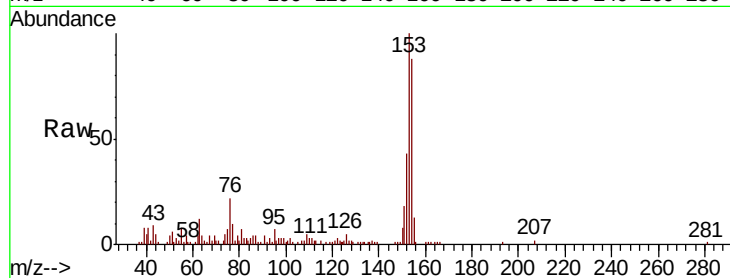
Tot Ion:153 Resp: 72442

Ion Ratio Lower Upper

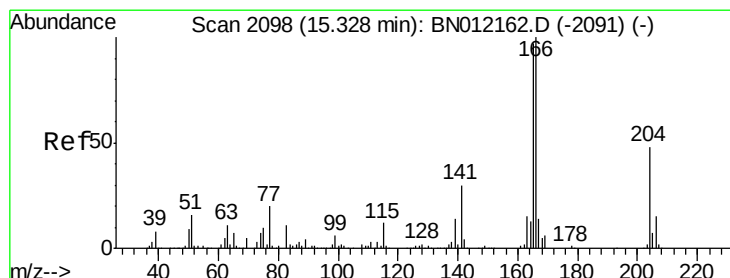
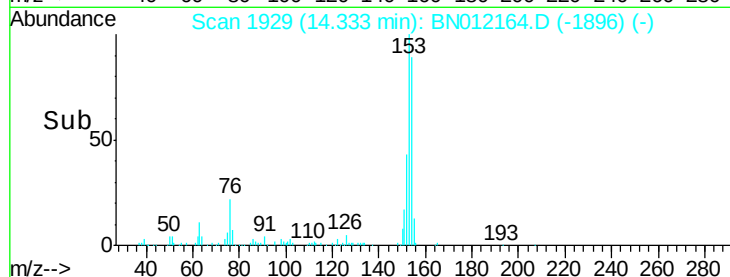
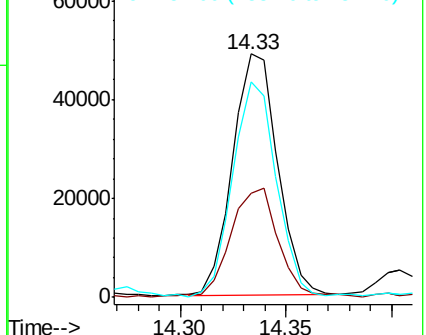
153 100

152 42.8 37.8 56.6

154 88.3 71.8 107.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#59

Fluorene

Concen: 1.113 ng/ul

RT: 15.32 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BN012164.D

Acq: 13 Oct 2020 17:36

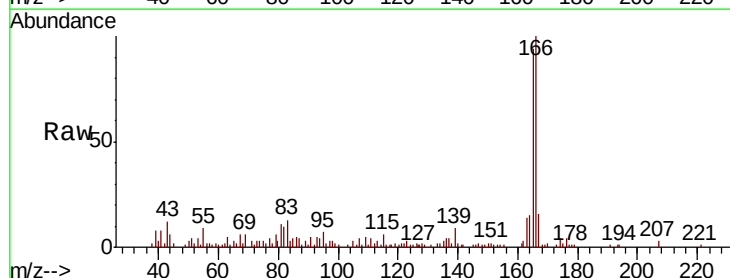
Tgt Ion:166 Resp: 67306

Ion Ratio Lower Upper

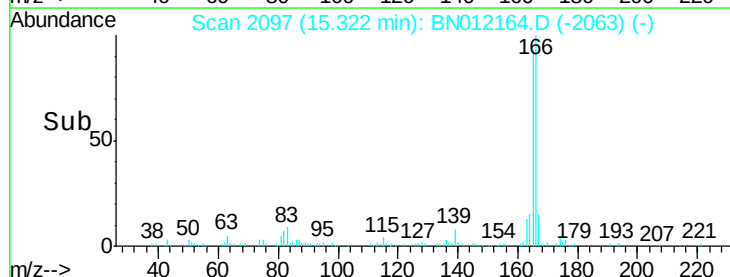
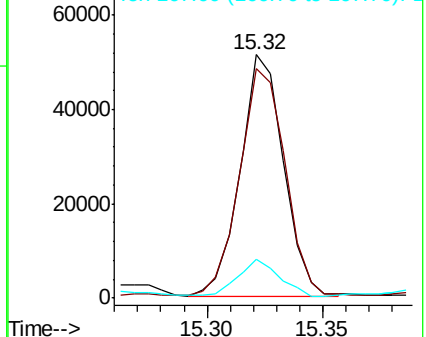
166 100

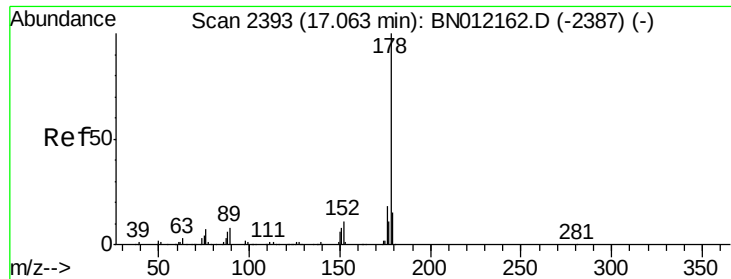
165 94.4 79.4 119.2

167 16.0 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 1.514 ng/ul

RT: 17.06 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BN012164.D

Acq: 13 Oct 2020 17:36

Instrument :

BNA_N

ClientSampleId :

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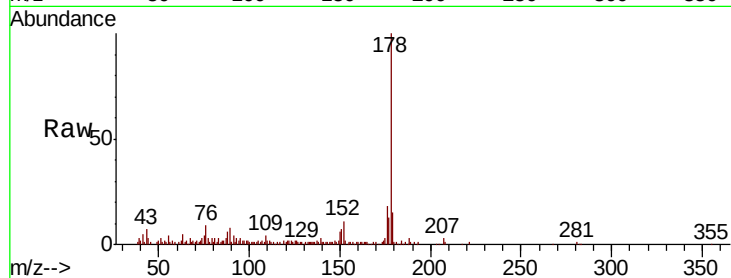
Tot Ion:178 Resp: 144544

Ion Ratio Lower Upper

178 100

179 14.8 11.1 16.7

176 18.3 15.1 22.7



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

