

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052020\
 Data File : BM026046.D
 Acq On : 20 May 2020 19:25
 Operator : MA/SJ
 Sample : L2681-02DL2 50X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5CA4DL2

Quant Time: May 20 19:57:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 20 11:35:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	143668	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	604397	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	370534	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	786854	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	806286	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	824098	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.69	99	1381	0.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	5615	0.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	3918	0.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	2565	0.26	ng/ul	0.01
19) Nitrobenzene-d5	8.65	128	2789	0.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	1852	0.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	3848	0.39	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.57	166	19912	0.67	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	19288	0.55	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.14	176	18154	0.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.99	188	27003	0.70	ng/ul	0.00
79) Pyrene-d10	19.29	212	29047	0.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	27497	0.63	ng/ul	0.00

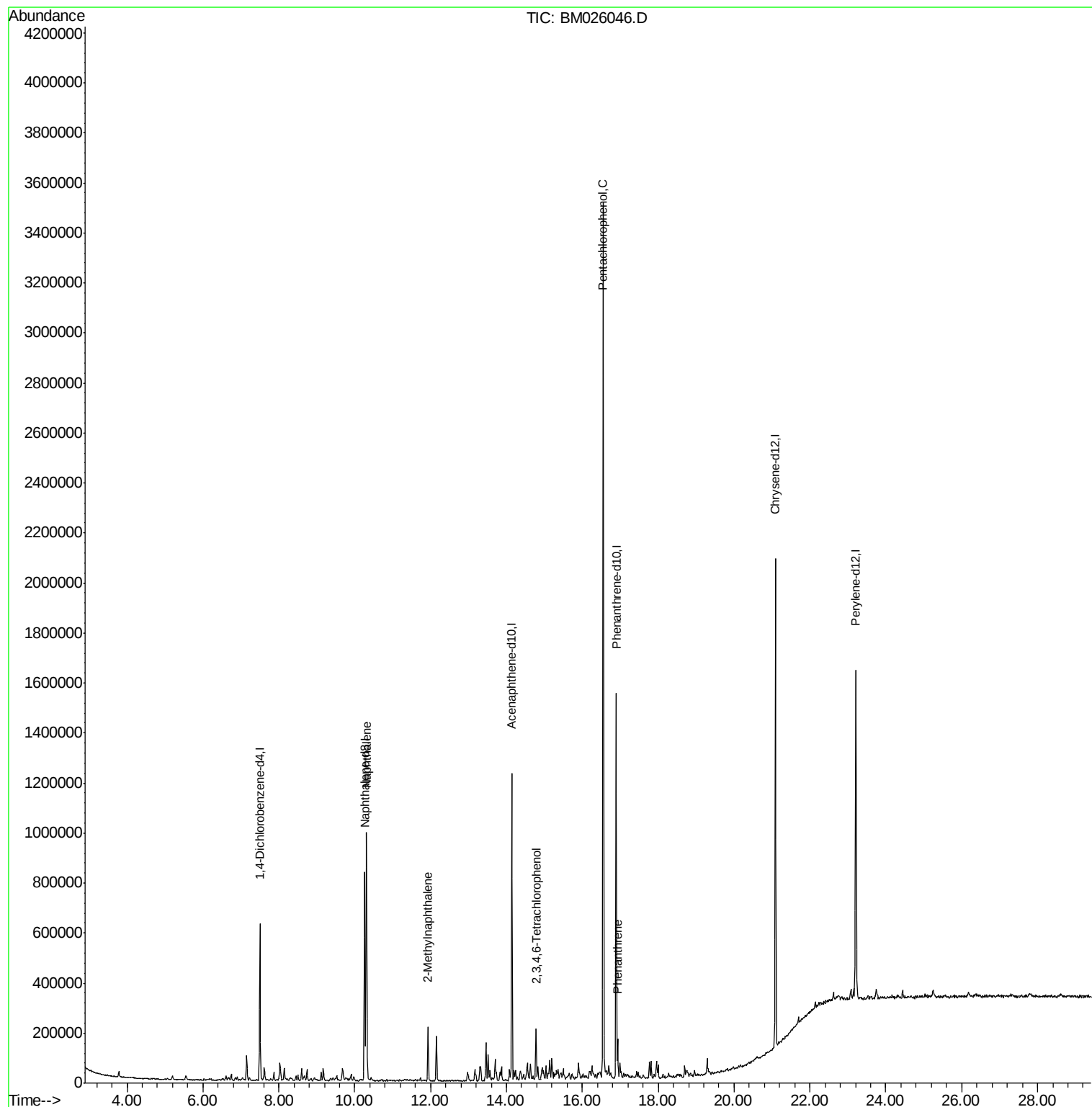
Target Compounds				Ovalue		
28) Naphthalene	10.31	128	708214	19.165	ng/ul	99
34) 2-Methylnaphthalene	11.93	142	95674	3.849	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.78	232	28031	3.909	ng/ul#	95
69) Pentachlorophenol	16.55	266	520830	91.790	ng/ul	97
70) Phenanthrene	16.93	178	79882	1.612	ng/ul	98

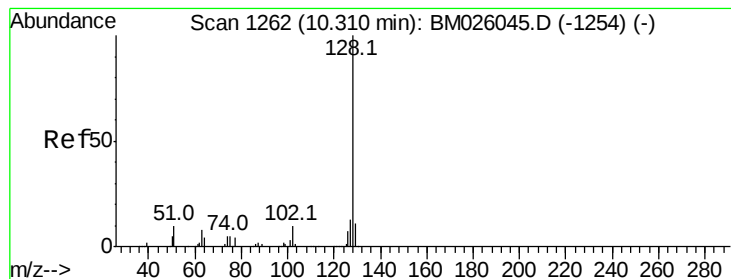
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 19.165 ng/ul

RT: 10.31 min Scan# 1262

Delta R.T. 0.00 min

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Acq: 20 May 2020 19:25

Instrument :

BNA_M

ClientSampleId :

C5CA4DL2

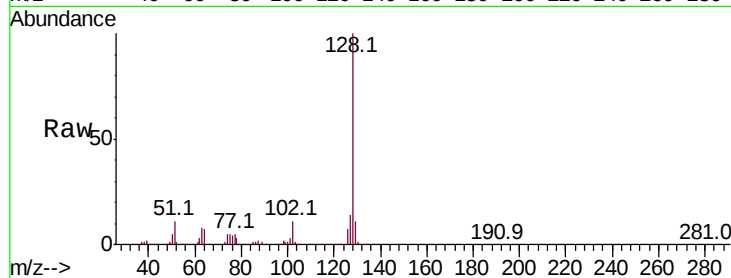
Tot Ion:128 Resp: 708214

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

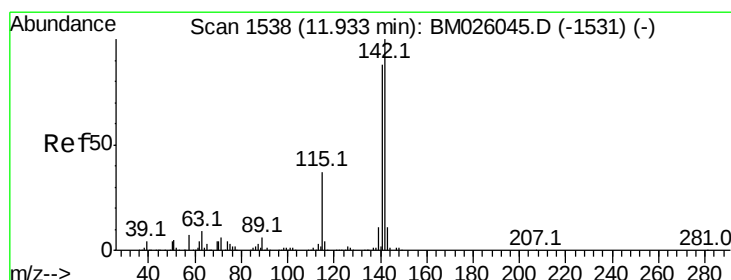
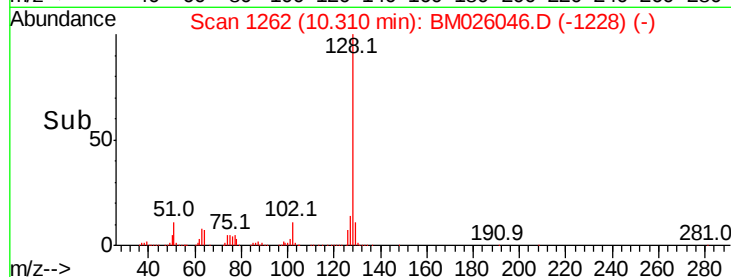
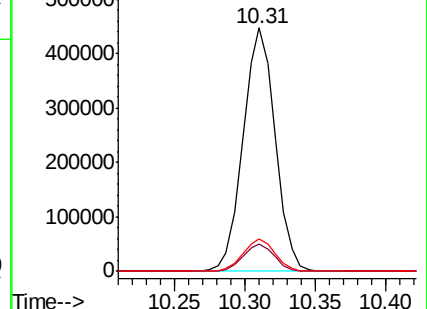
127 13.6 10.6 15.8



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: 3.849 ng/ul

RT: 11.93 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BM026046.D

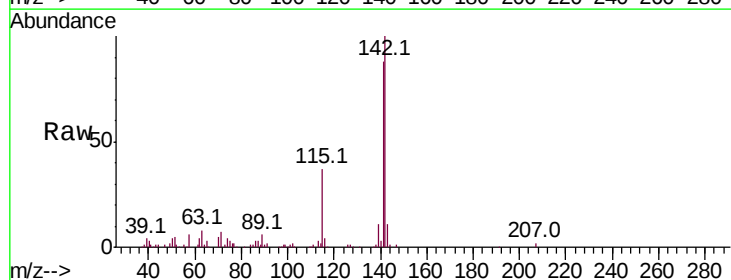
Acq: 20 May 2020 19:25

Tgt Ion:142 Resp: 95674

Ion Ratio Lower Upper

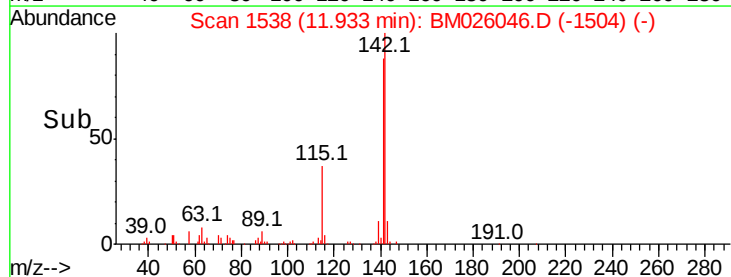
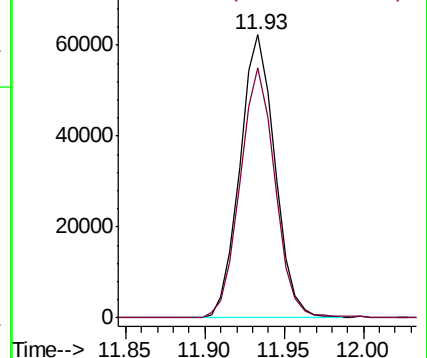
142 100

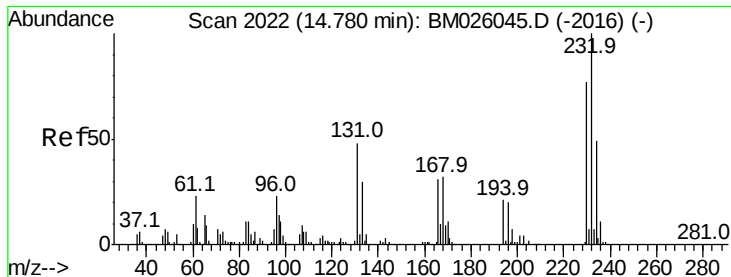
141 88.3 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#56

2,3,4,6-Tetrachlorophenol

Concen: 3.909 ng/ul

RT: 14.78 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BM026046.D

Acq: 20 May 2020 19:25

Instrument :

BNA_M

ClientSampleId :

C5CA4DL2

Tot Ion:232 Resp: 28031

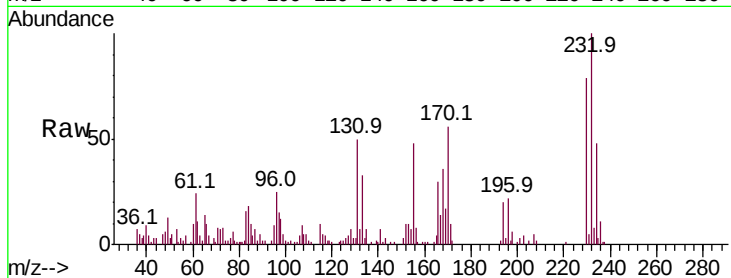
Ion Ratio Lower Upper

232 100

131 50.1 37.0 55.4

130 3.2 1.8 2.8#

166 30.2 25.4 38.0

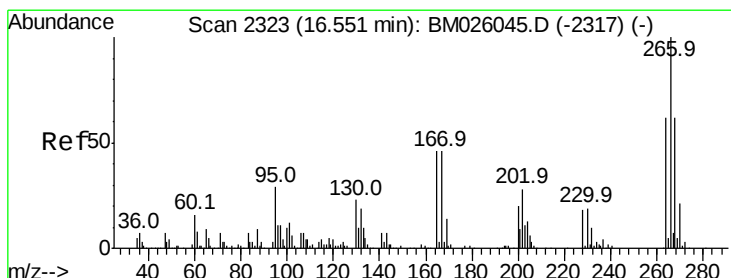
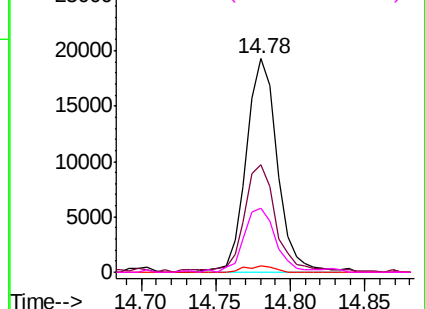
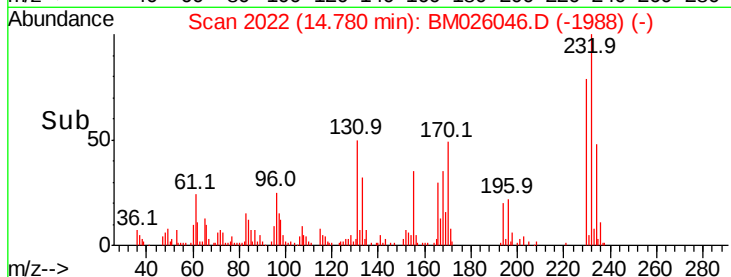


Abundance Ion 232.00 (231.70 to 232.70): E

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



#69

Pentachlorophenol

Concen: 91.790 ng/ul

RT: 16.55 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BM026046.D

Acq: 20 May 2020 19:25

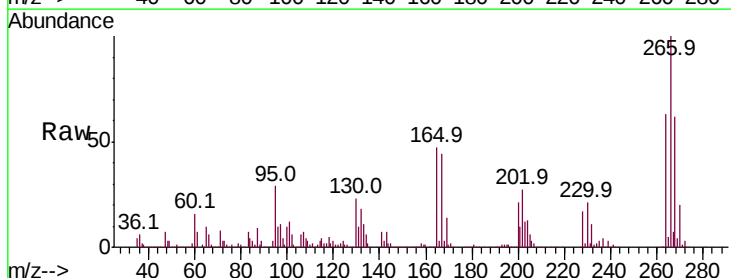
Tgt Ion:266 Resp: 520830

Ion Ratio Lower Upper

266 100

264 62.7 49.3 73.9

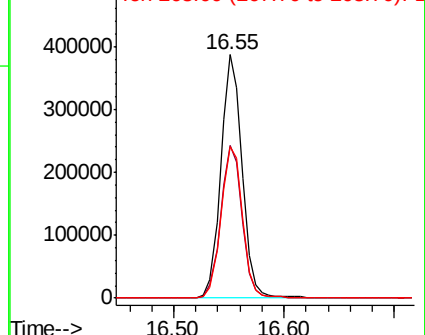
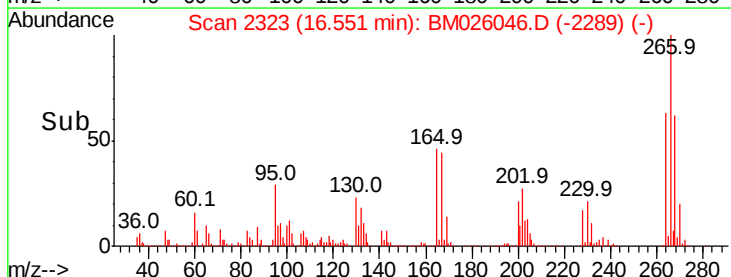
268 62.3 52.4 78.6

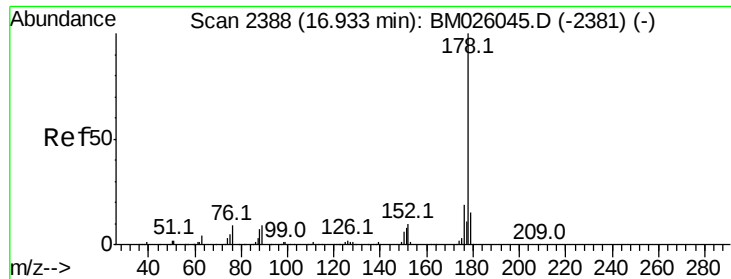


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#70

Phenanthrene

Concen: 1.612 ng/ul

RT: 16.93 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM026046.D

Acq: 20 May 2020 19:25

Instrument :

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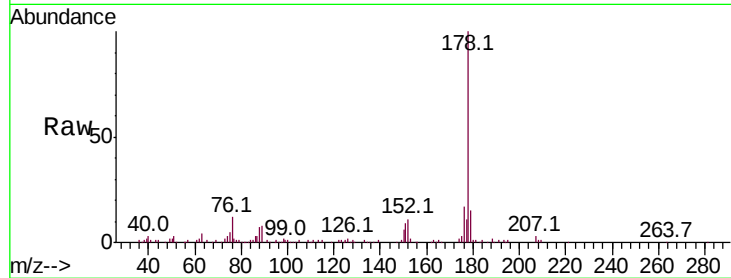
Tot Ion:178 Resp: 79882

Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

176 17.3 14.9 22.3



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

