

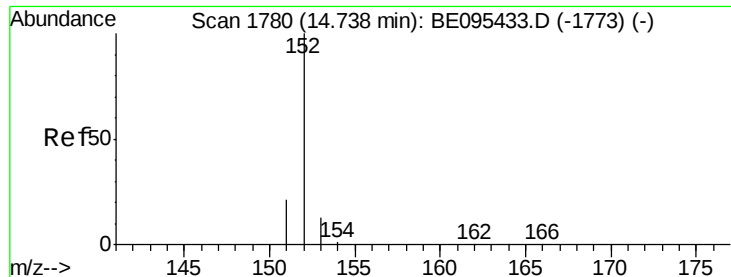
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020318\
 Data File : BE095438.D
 Acq On : 3 Feb 2018 15:36
 Operator : SJ/JU
 Sample : J1314-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Feb 05 03:34:22 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 03:32:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1779	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5470	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3630	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7588	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7177	0.40	ng/ul	0.00
20) Perylene-d12	24.26	264	326581	0.40	ng/ul	-0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3113	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	7696	0.27	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.74	152	595	0.034	ng/ul#	7
11) Pentachlorophenol	17.36	266	16397	11.157	ng/ul	98
12) Phenanthrene	17.75	178	3200	0.125	ng/ul#	92
13) Anthracene	17.85	178	2336	0.100	ng/ul#	91
15) Fluoranthene	19.72	202	15176	0.459	ng/ul	83
17) Pyrene	20.08	202	14433	0.599	ng/ul#	78
18) Benzo(a)anthracene	21.78	228	4825	0.215	ng/ul#	88
19) Chrysene	21.84	228	5065	0.217	ng/ul#	88

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



#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 14.74 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BE095438.D

Acq: 3 Feb 2018 15:36

Instrument :

BNA_E

ClientSampleId :

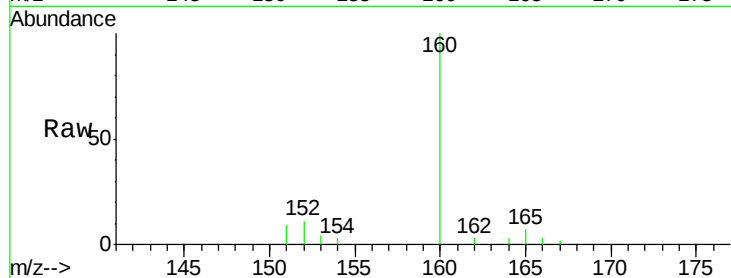
Tot Ion:152 Resp: 595

Ion Ratio Lower Upper

152 100

151 83.2 17.1 25.7#

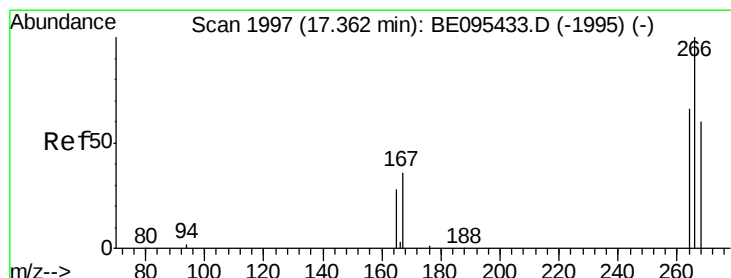
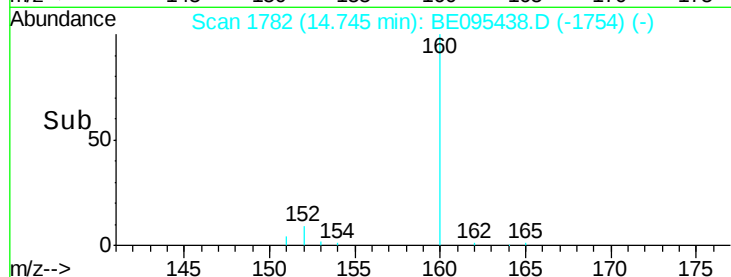
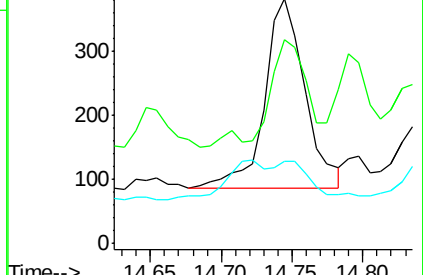
153 33.5 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#11

Pentachlorophenol

Concen: 11.157 ng/ul

RT: 17.36 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BE095438.D

Acq: 3 Feb 2018 15:36

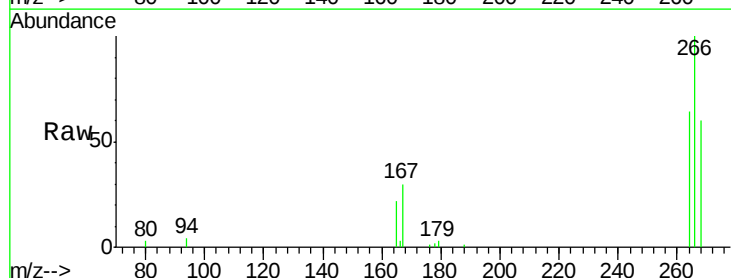
Tgt Ion:266 Resp: 16397

Ion Ratio Lower Upper

266 100

264 62.6 47.9 71.9

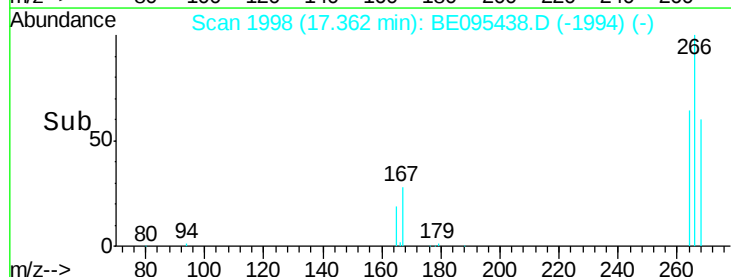
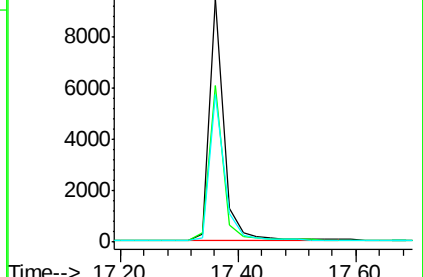
268 62.4 49.8 74.8

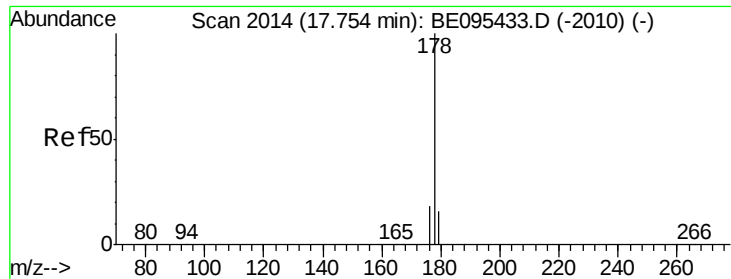


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.125 ng/ul

RT: 17.75 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BE095438.D

Acq: 3 Feb 2018 15:36

Instrument :

BNA_E

ClientSampleId :

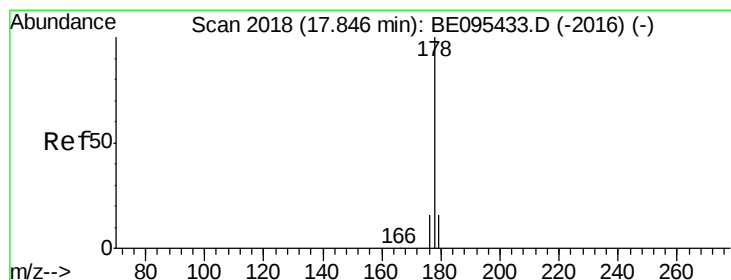
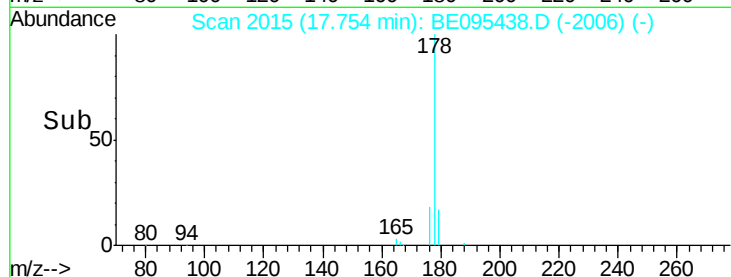
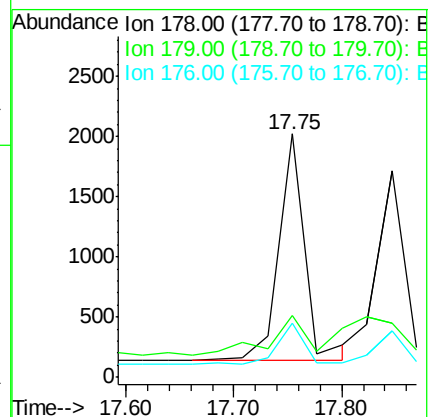
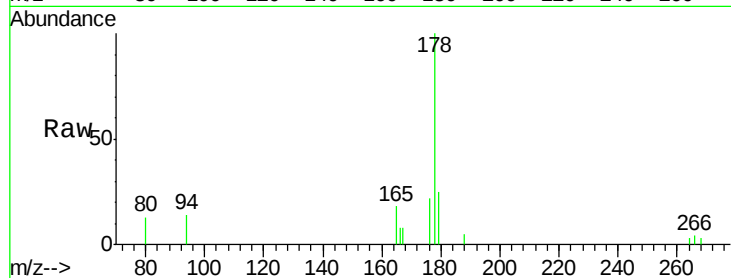
Tot Ion:178 Resp: 3200

Ion Ratio Lower Upper

178 100

179 25.2 18.4 27.6

176 22.2 13.6 20.4#



#13

Anthracene

Concen: 0.100 ng/ul

RT: 17.85 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BE095438.D

Acq: 3 Feb 2018 15:36

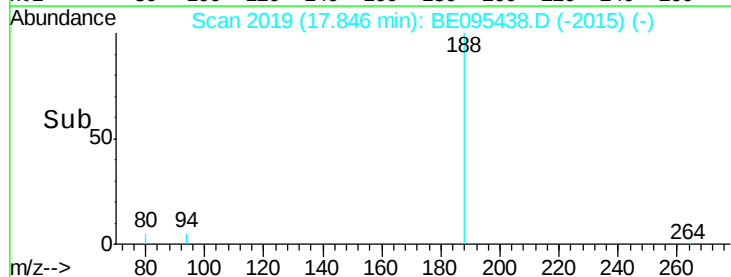
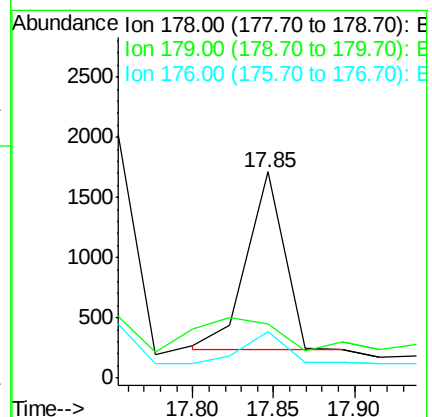
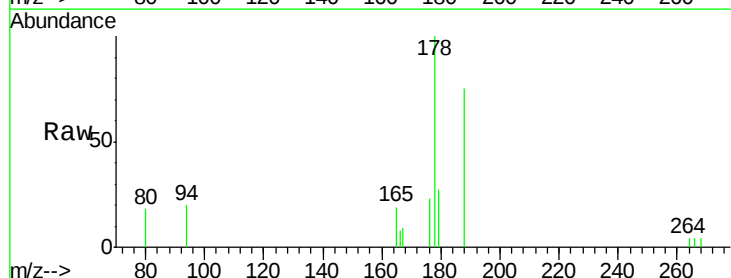
Tgt Ion:178 Resp: 2336

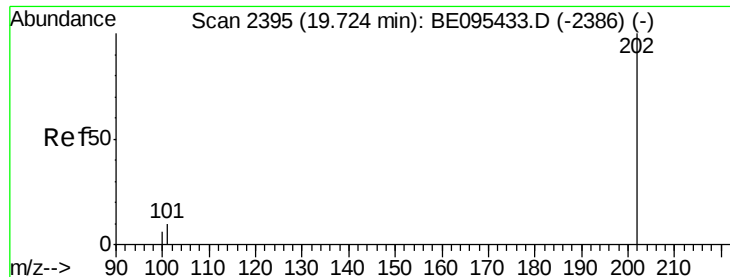
Ion Ratio Lower Upper

178 100

179 26.6 18.1 27.1

176 22.7 14.7 22.1#





#15

Fluoranthene

Concen: 0.459 ng/ul

RT: 19.72 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BE095438.D

Acq: 3 Feb 2018 15:36

Instrument :

BNA_E

ClientSampleId :

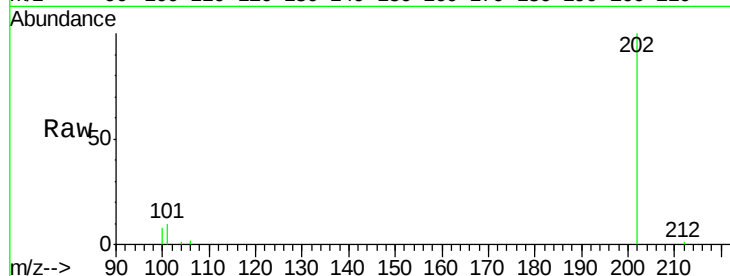
Tot Ion:202 Resp: 15176

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.3

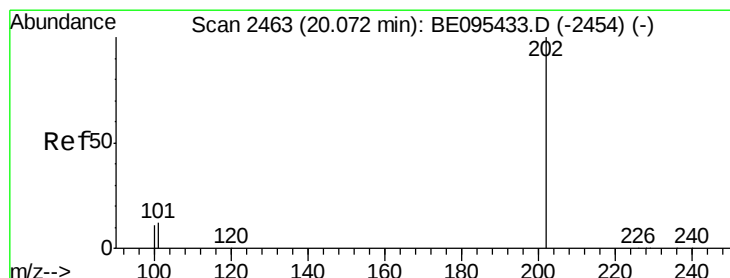
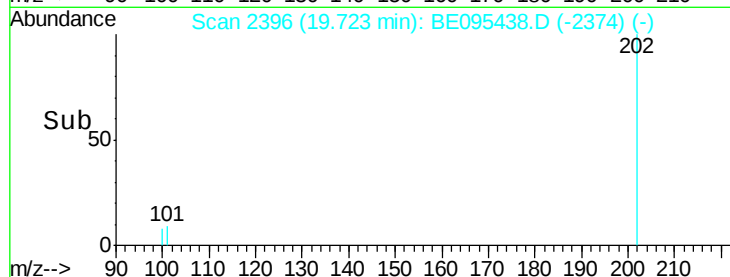
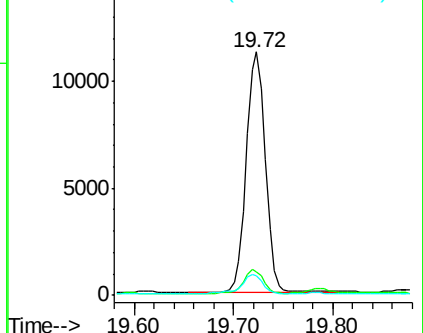
100 8.1 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.599 ng/ul

RT: 20.08 min Scan# 2465

Delta R.T. 0.01 min

Lab File: BE095438.D

Acq: 3 Feb 2018 15:36

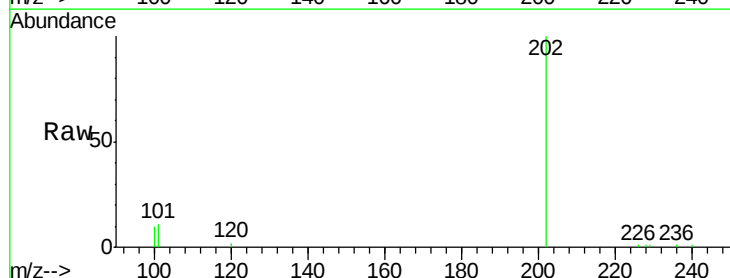
Tgt Ion:202 Resp: 14433

Ion Ratio Lower Upper

202 100

101 11.4 18.2 27.4#

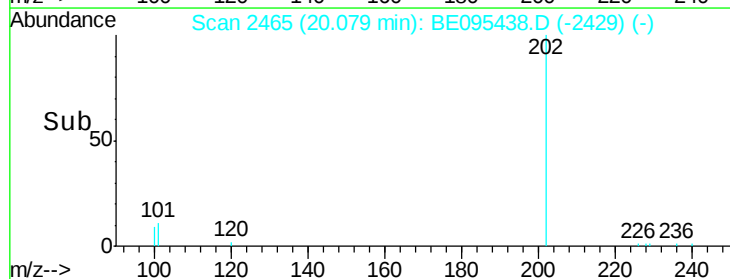
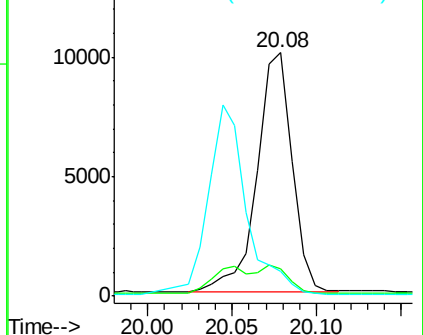
100 9.9 15.6 23.4#

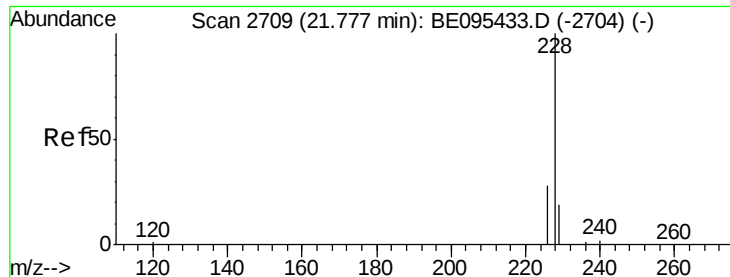


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.215 ng/ul

RT: 21.78 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE095438.D

Acq: 3 Feb 2018 15:36

Instrument :

BNA_E

ClientSampleId :

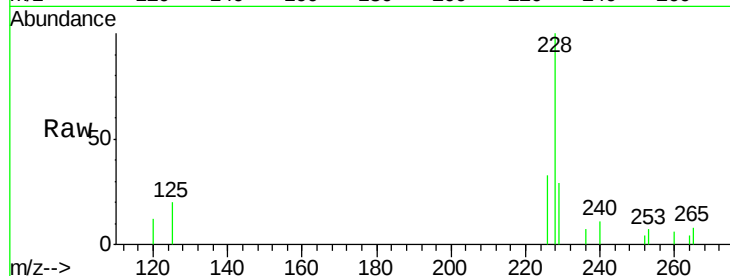
Tot Ion:228 Resp: 4825

Ion Ratio Lower Upper

228 100

229 29.0 22.8 34.2

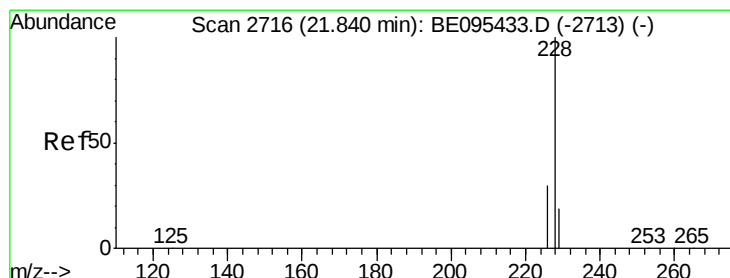
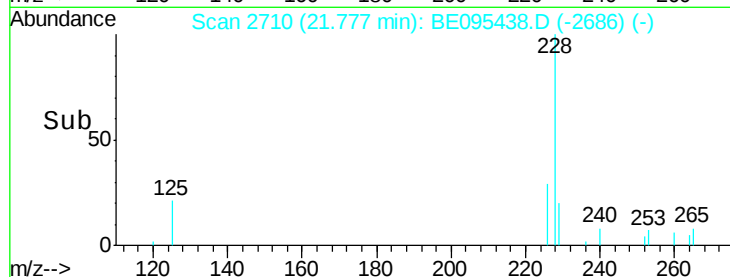
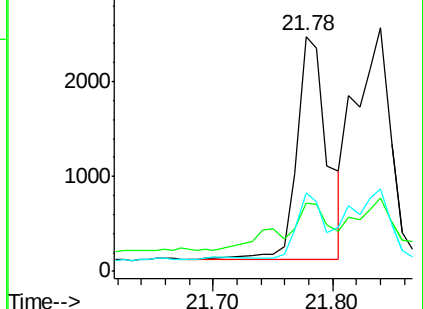
226 33.5 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.217 ng/ul

RT: 21.84 min Scan# 2717

Delta R.T. 0.00 min

Lab File: BE095438.D

Acq: 3 Feb 2018 15:36

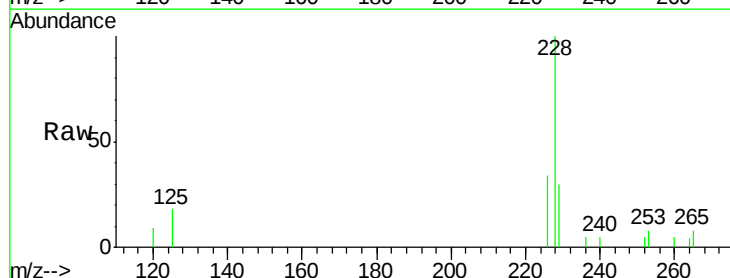
Tgt Ion:228 Resp: 5065

Ion Ratio Lower Upper

228 100

226 33.6 23.4 35.0

229 30.2 17.7 26.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

