

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM091719\  
 Data File : BM022700.D  
 Acq On : 17 Sep 2019 10:46  
 Operator : HP/JU  
 Sample : K4780-10RE  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 H0BN0

Quant Time: Sep 17 17:51:45 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM091019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 10 15:06:45 2019  
 Response via : Initial Calibration

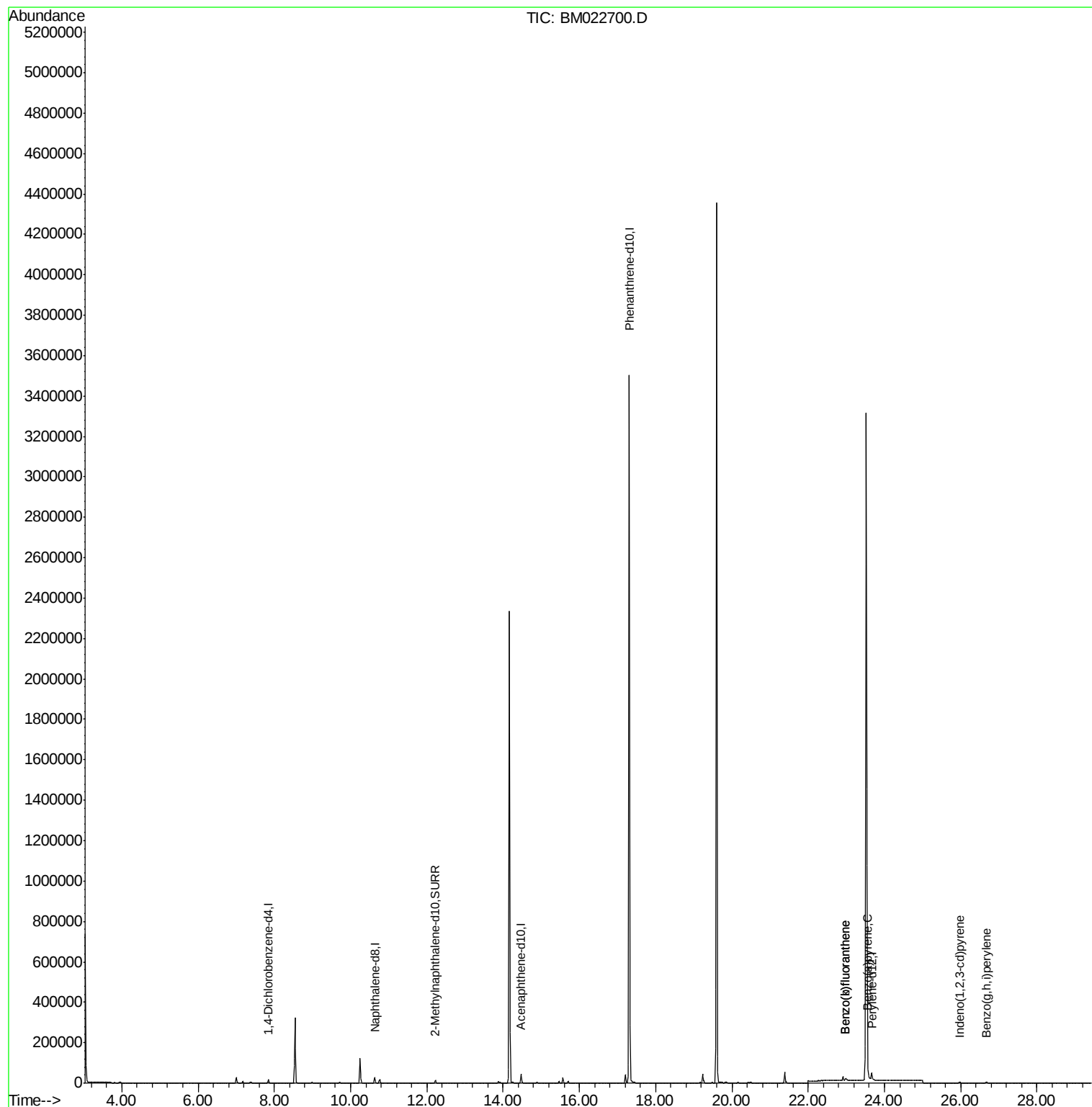
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.84  | 152  | 8891     | 0.40   | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.63 | 136  | 37464    | 0.40   | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.47 | 164  | 22735    | 0.40   | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.31 | 188  | 4003932  | 0.40   | ng/ul  | 0.09     |
| 16) Chrysene-d12            | 0.00  | 240  | 0        | 0.00   | ng/ul  | -21.39   |
| 20) Perylene-d12            | 23.67 | 264  | 48537    | 0.40   | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.22 | 152  | 17468    | 0.28   | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 0.00  | 212  | 0        | 0.00   | ng/ul  |          |
| Target Compounds            |       |      |          | Qvalue |        |          |
| 21) Benzo(b)fluoranthene    | 22.98 | 252  | 18702    | 0.089  | ng/ul# | 50       |
| 22) Benzo(k)fluoranthene    | 22.98 | 252  | 18702    | 0.087  | ng/ul# | 49       |
| 23) Benzo(a)pyrene          | 23.57 | 252  | 7330     | 0.040  | ng/ul# | 6        |
| 24) Indeno(1,2,3-cd)pyrene  | 25.97 | 276  | 5507     | 0.024  | ng/ul# | 91       |
| 26) Benzo(g,h,i)perylene    | 26.68 | 276  | 5524     | 0.031  | ng/ul# | 81       |

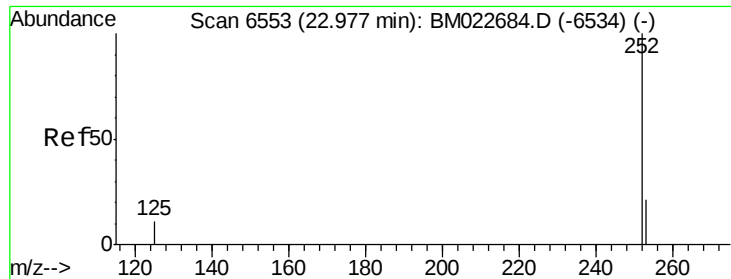
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

Benzo(b)fluoranthene

Concen: 0.089 ng/ul

RT: 22.98 min Scan# 6553

Delta R.T. -0.01 min

Lab File: BM022700.D

Acq: 17 Sep 2019 10:46

Instrument :

BNA\_M

ClientSampleId :

H0BN0

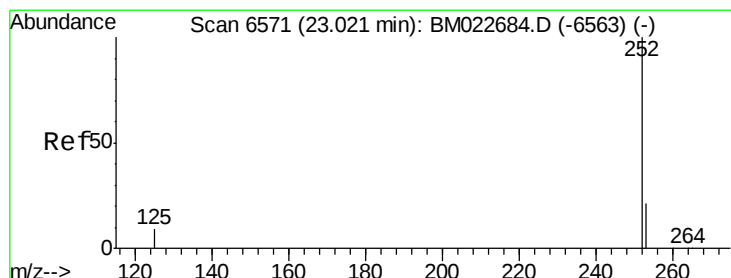
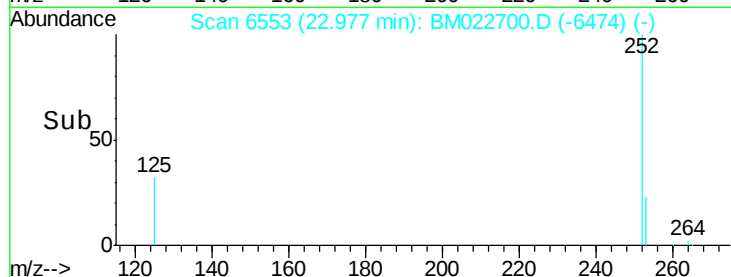
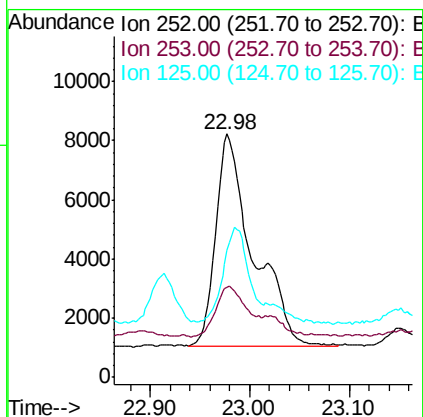
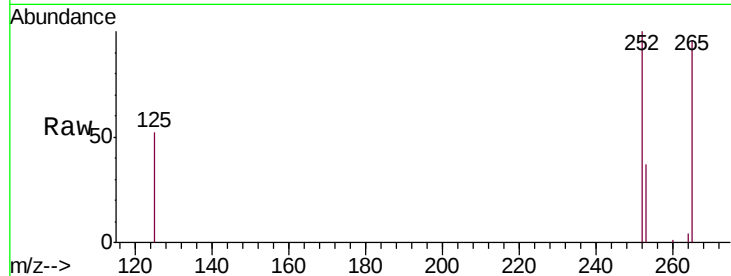
Tgt Ion:252 Resp: 18702

Ion Ratio Lower Upper

252 100

253 37.1 0.0 48.4

125 52.3 0.0 31.2#



#22

Benzo(k)fluoranthene

Concen: 0.087 ng/ul

RT: 22.98 min Scan# 6553

Delta R.T. -0.05 min

Lab File: BM022700.D

Acq: 17 Sep 2019 10:46

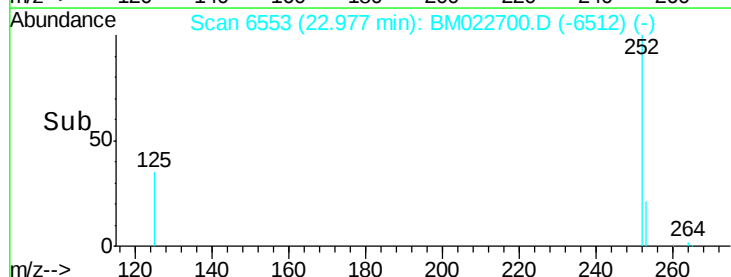
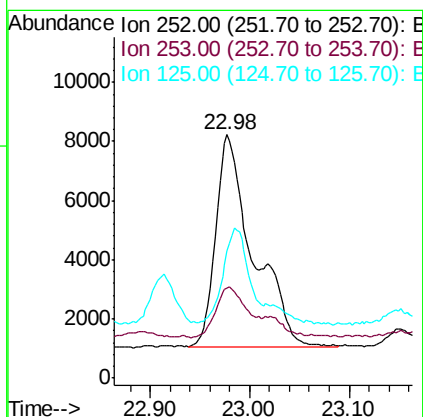
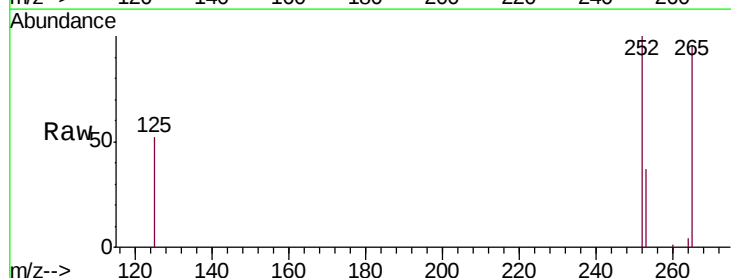
Tgt Ion:252 Resp: 18702

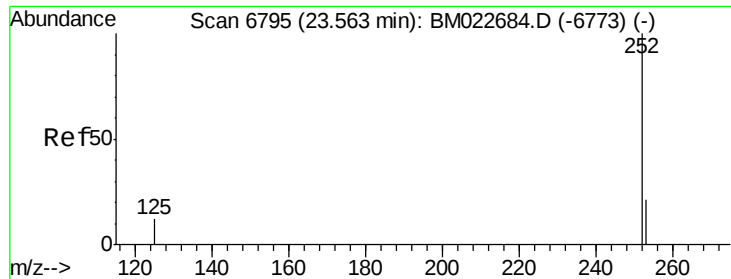
Ion Ratio Lower Upper

252 100

253 37.1 19.5 29.3#

125 52.3 11.2 16.8#





#23

Benzo(a)pyrene

Concen: 0.040 ng/u1

RT: 23.57 min Scan# 6796

Delta R.T. -0.01 min

Lab File: BM022700.D

Acq: 17 Sep 2019 10:46

Instrument :

BNA\_M

ClientSampleId :

H0BN0

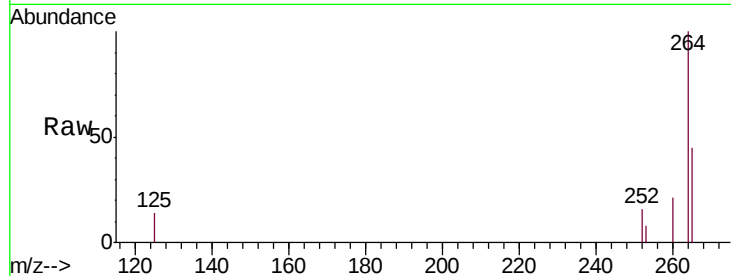
Tgt Ion:252 Resp: 7330

Ion Ratio Lower Upper

252 100

253 48.4 20.2 30.2#

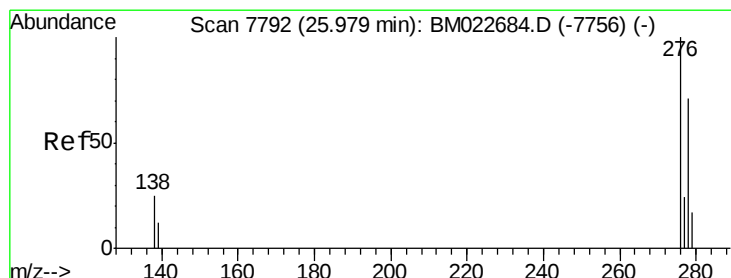
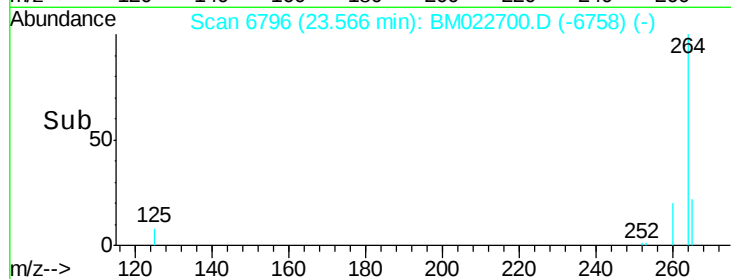
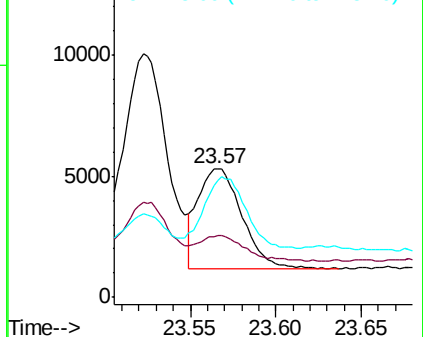
125 91.0 15.7 23.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.024 ng/u1

RT: 25.97 min Scan# 7789

Delta R.T. -0.02 min

Lab File: BM022700.D

Acq: 17 Sep 2019 10:46

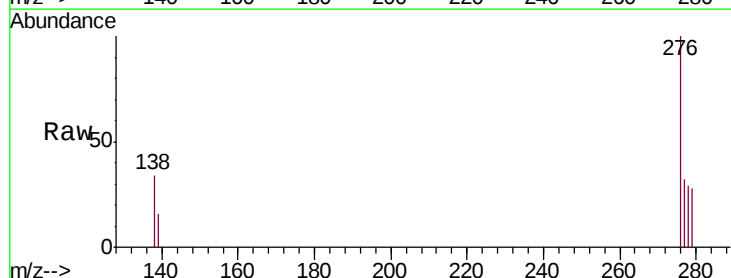
Tgt Ion:276 Resp: 5507

Ion Ratio Lower Upper

276 100

138 22.0 21.1 31.7

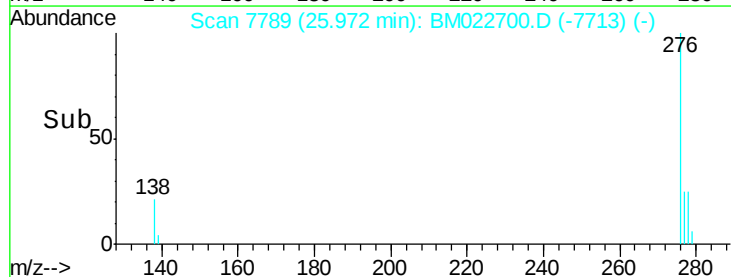
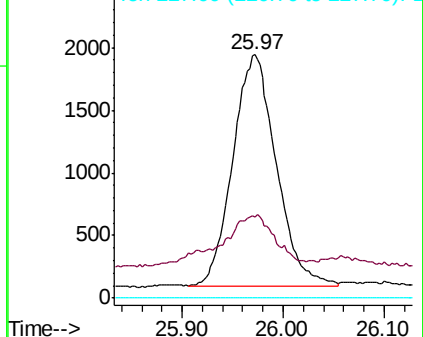
227 0.0 0.0 0.0

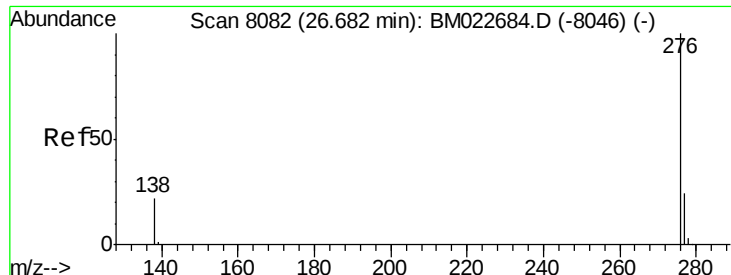


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.031 ng/ul

RT: 26.68 min Scan# 8082

Delta R.T. -0.01 min

Lab File: BM022700.D

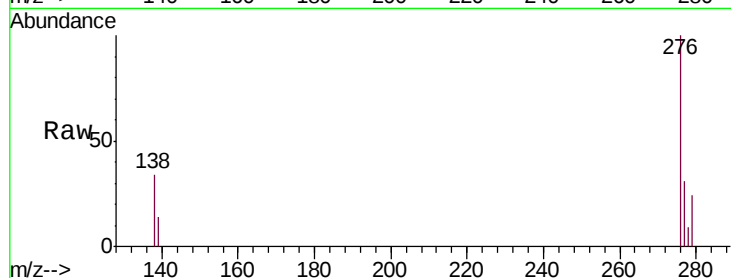
Acq: 17 Sep 2019 10:46

Instrument :

BNA\_M

ClientSampleId :

H0BN0



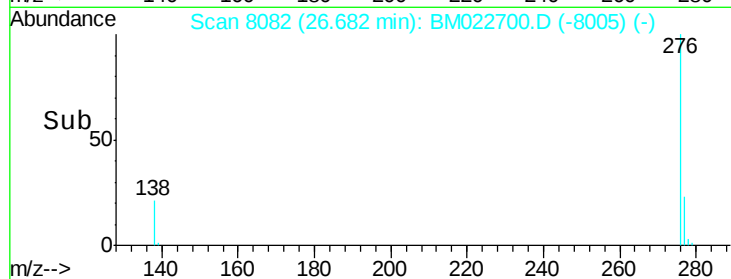
Tgt Ion:276 Resp: 5524

Ion Ratio Lower Upper

276 100

138 34.1 18.2 27.4#

277 31.4 19.2 28.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

