Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041718\
Data File : BE096021.D
Acq On : 17 Apr 2018 15:28
Operator : SJ/JU
Sample : PB108286BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :**

Quant Time: Apr 18 01:21:08 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 01:18:08 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.38 | 152 | 1934 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 11.21 | 136 | 5259 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.97 | 164 | 3251 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.78 | 188 | 597820 | 0.40 | ng/ul | 0.10 |
| 16) Chrysene-d12 | 21.89 | 240 | 43 | 0.40 | ng/ul | 0.12 |
| 20) Perylene-d12 | 24.39 | 264 | 9264 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.76 | 152 | 3088 | 0.31 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 0.00 | 212 | 0 | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 9) Fluorene | 15.95 | 166 | 746 | 0.055 | ng/ul# | 22 |
| 17) Pyrene | 20.10 | 202 | 21 | 0.144 | ng/ul# | 1 |
| 18) Benzo(a)anthracene | 21.88 | 228 | 10 | 0.058 | ng/ul# | 1 |
| 19) Chrysene | 21.95 | 228 | 32 | 0.256 | ng/ul# | 1 |
| 23) Benzo(a)pyrene | 24.23 | 252 | 2390 | 0.083 | ng/ul# | 75 |

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

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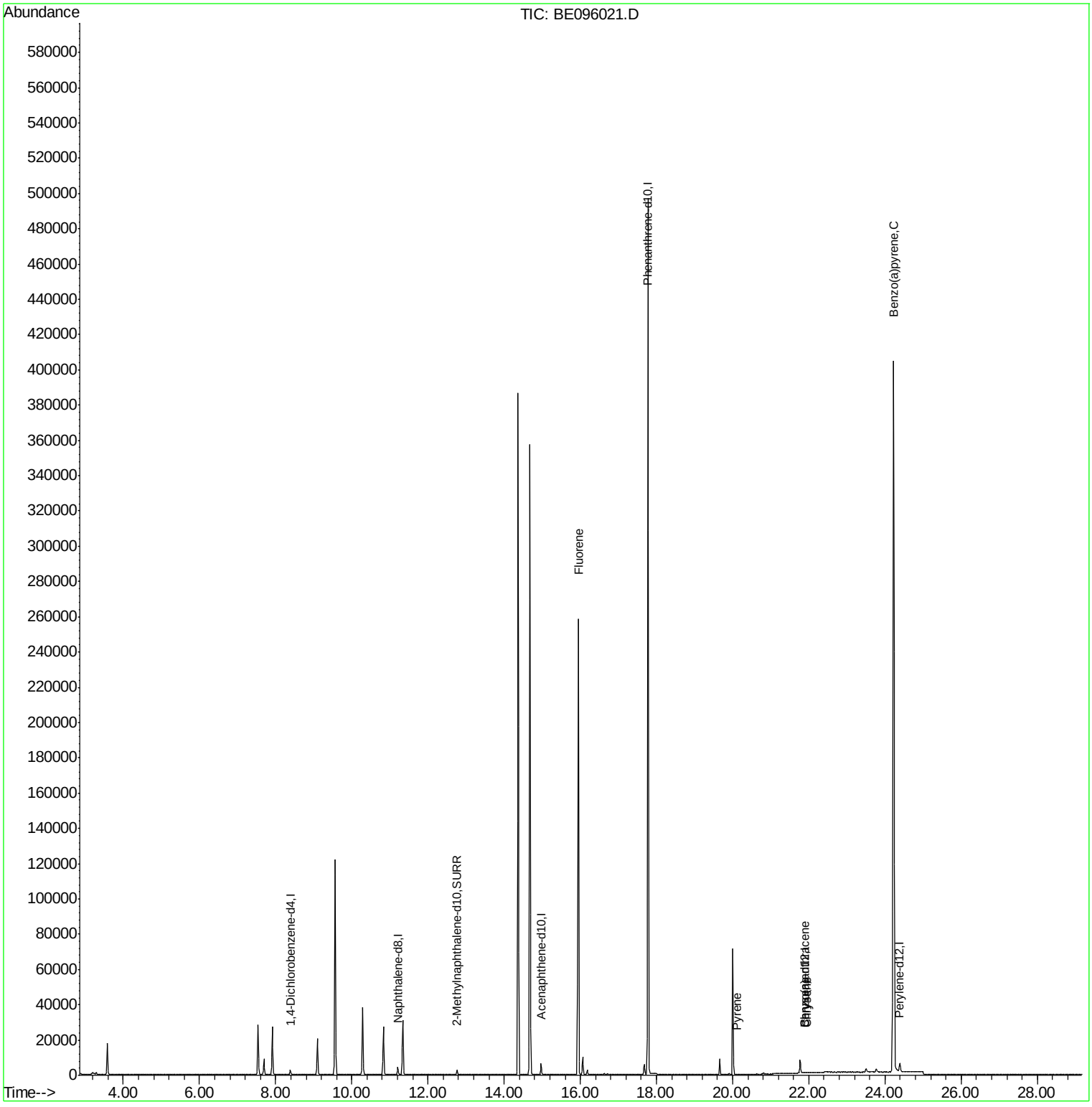
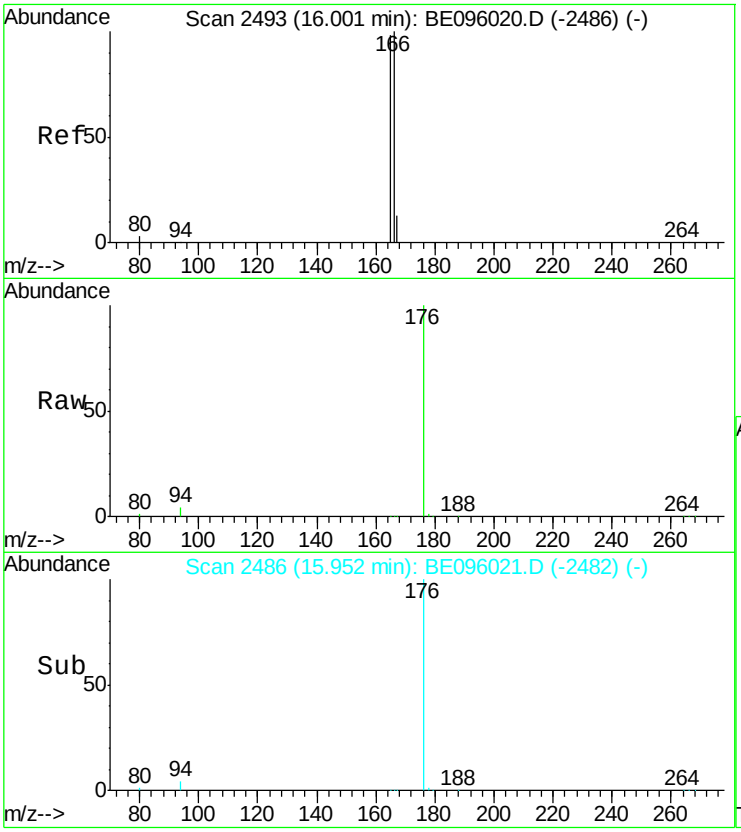


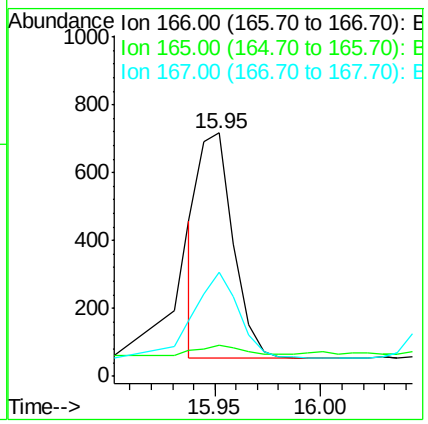


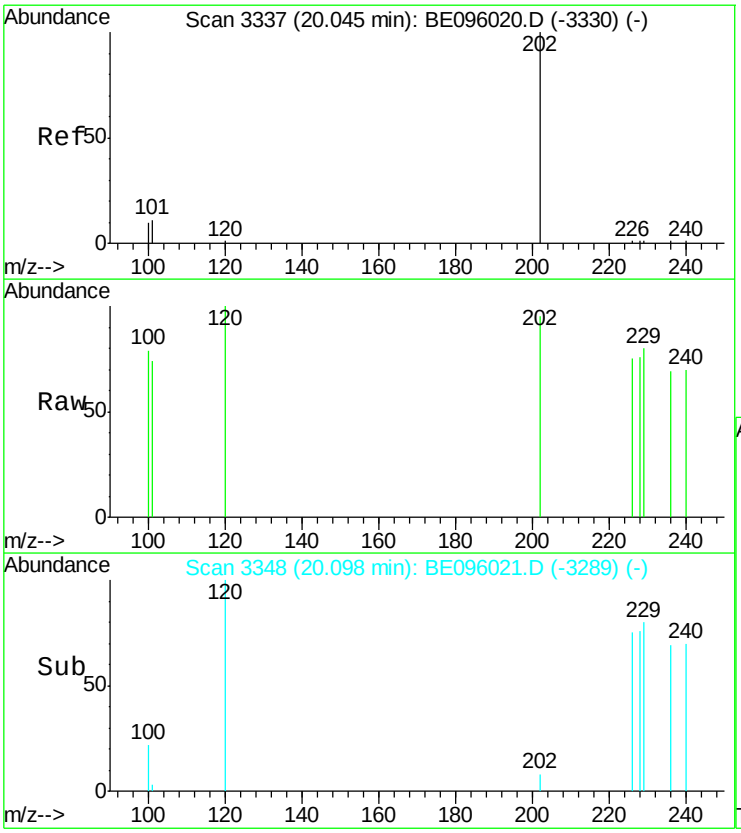

#9
Fluorene
Concen: 0.055 ng/ul
RT: 15.95 min Scan# 2486
Delta R.T. -0.05 min
Lab File: BE096021.D
Acq: 17 Apr 2018 15:28

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:166 Resp: 746

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 12.8 | 73.4 | 110.2# |
| 167 | 43.0 | 14.6 | 22.0# |

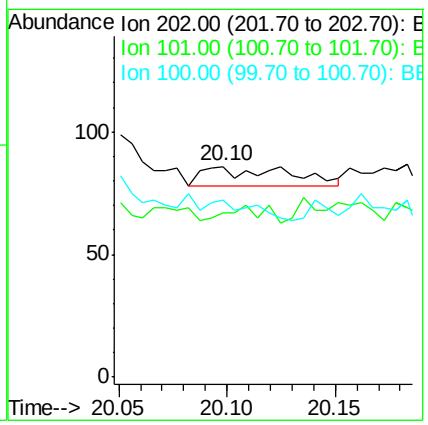


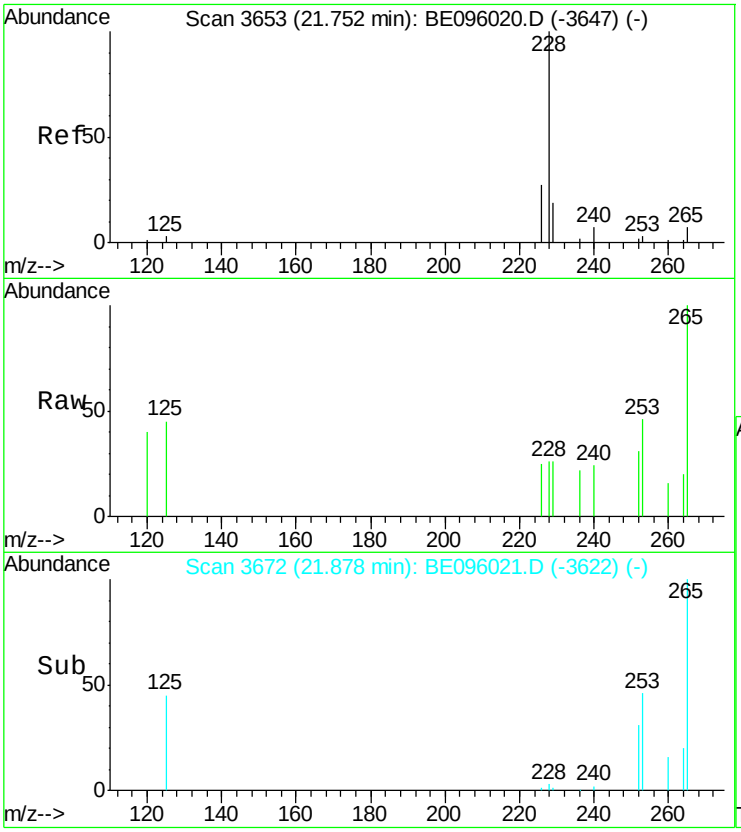




#17
Pyrene
Concen: 0.144 ng/ul
RT: 20.10 min Scan# 3348
Delta R.T. 0.05 min
Lab File: BE096021.D
Acq: 17 Apr 2018 15:28

Tgt Ion:202 Resp: 21

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 77.9 | 18.2 | 27.4# |
| 100 | 83.7 | 15.6 | 23.4# |



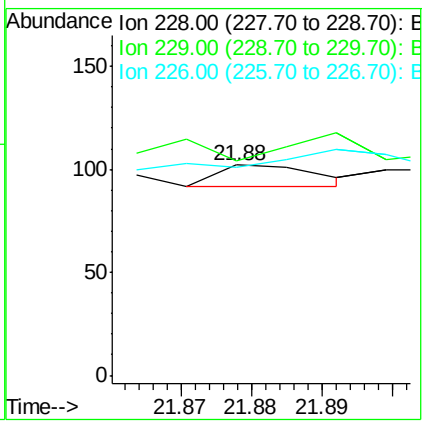


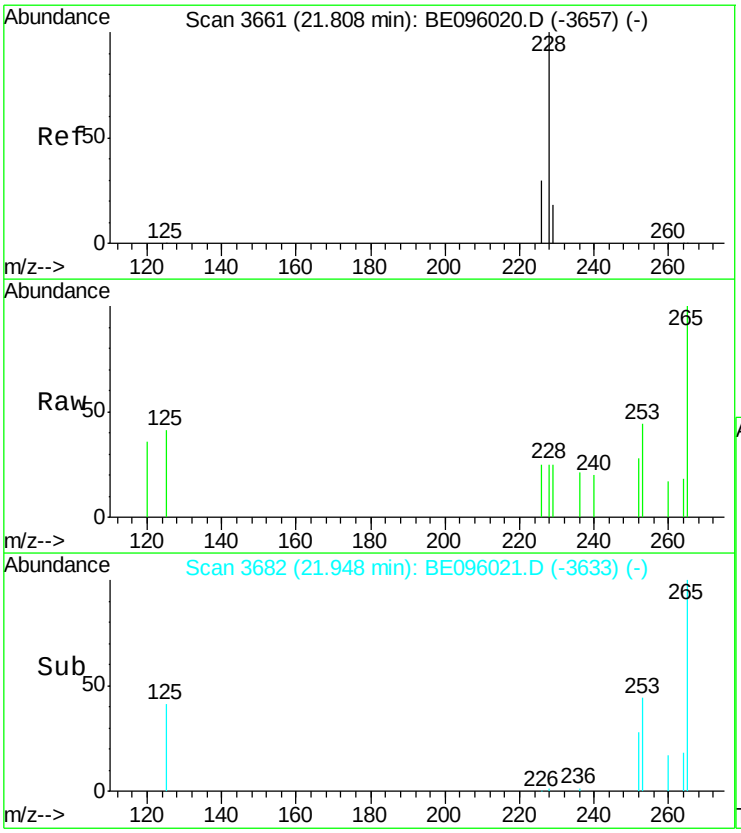

#18
Benzo(a)anthracene
Concen: 0.058 ng/ul
RT: 21.88 min Scan# 3672
Delta R.T. 0.13 min
Lab File: BE096021.D
Acq: 17 Apr 2018 15:28

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:228 Resp: 10

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 102.0 | 22.8 | 34.2# |
| 226 | 99.0 | 17.0 | 25.6# |

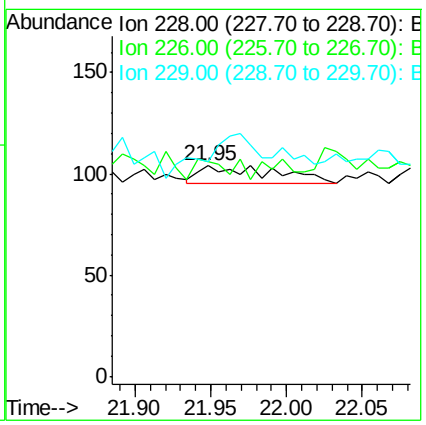


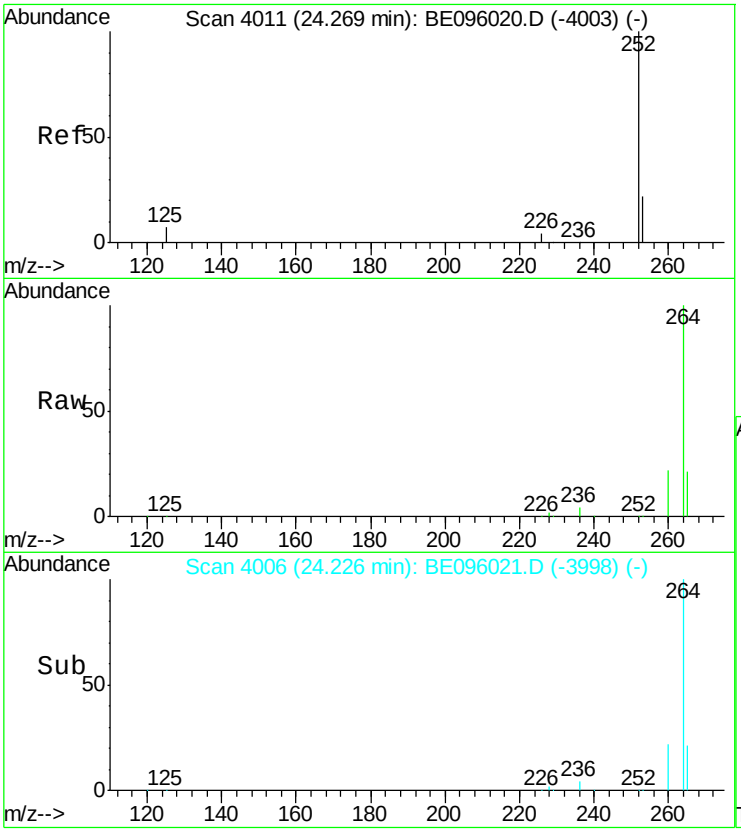




#19
Chrysene
Concen: 0.256 ng/ul
RT: 21.95 min Scan# 3682
Delta R.T. 0.14 min
Lab File: BE096021.D
Acq: 17 Apr 2018 15:28

Tgt Ion:228 Resp: 32

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 101.9 | 23.4 | 35.0# |
| 229 | 101.9 | 17.7 | 26.5# |






#23
Benzo(a)pyrene
Concen: 0.083 ng/ul
RT: 24.23 min Scan# 4006
Delta R.T. -0.04 min
Lab File: BE096021.D
Acq: 17 Apr 2018 15:28

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:252 Resp: 2390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 47.2 | 28.5 | 42.7# |
| 125 | 39.0 | 18.1 | 27.1# |