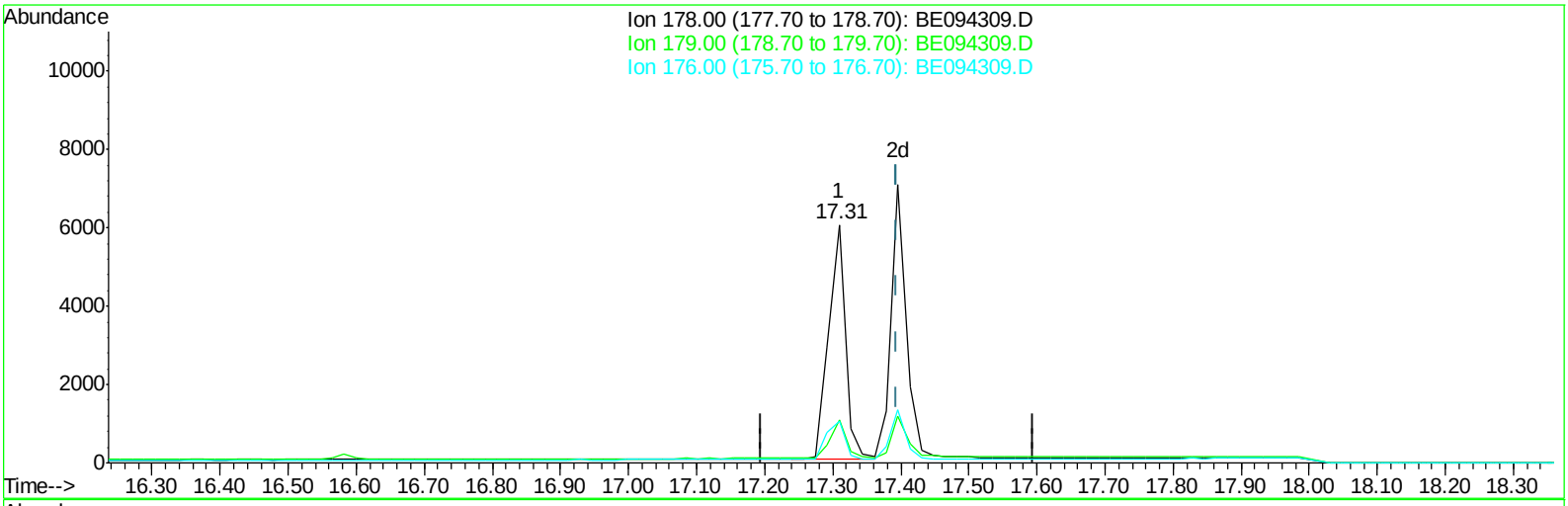
Quantitation Report (Qedit)

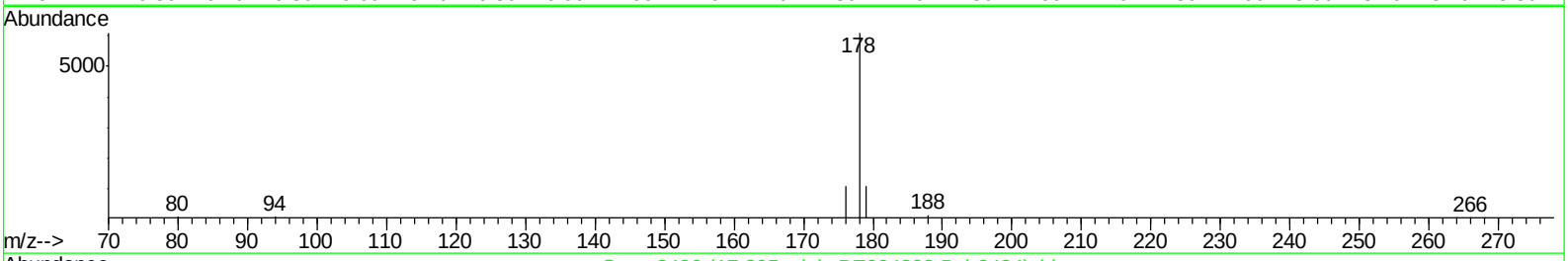
Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094309.D
Acq On : 12 Oct 2017 9:23
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

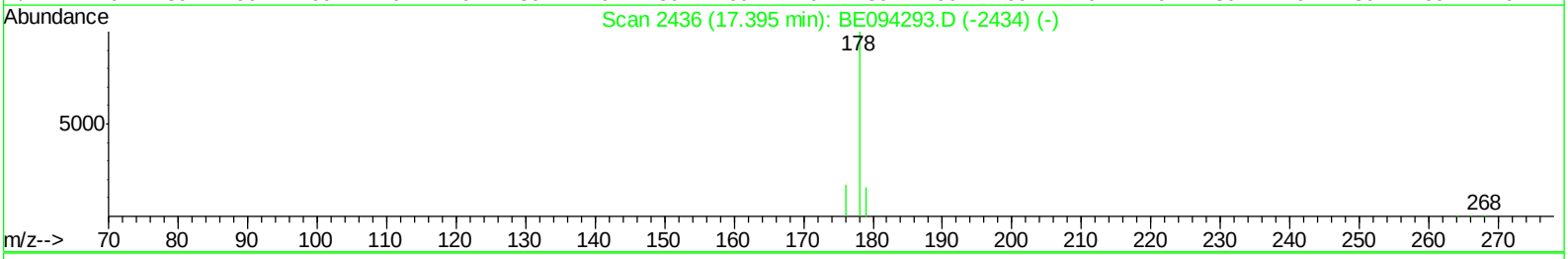
Quant Time: Oct 12 10:27:20 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration

**Instrument :**
BNA_E
**LabSampleId :**
SSTD0.432

**Manual Integrations APPROVED**
Sohil
10/13/2017 12:06:22 PM




TIC: BE094309.D

(13) Anthracene

17.309min (-0.086) 0.41ng/ul

response 10197

| Ion | Exp% | Act% |
|---|---|---|
| 178.00 | 100 | 100 |
| 179.00 | 22.60 | 18.33 |
| 176.00 | 18.40 | 17.74 |
| 0.00 | 0.00 | 0.00 |

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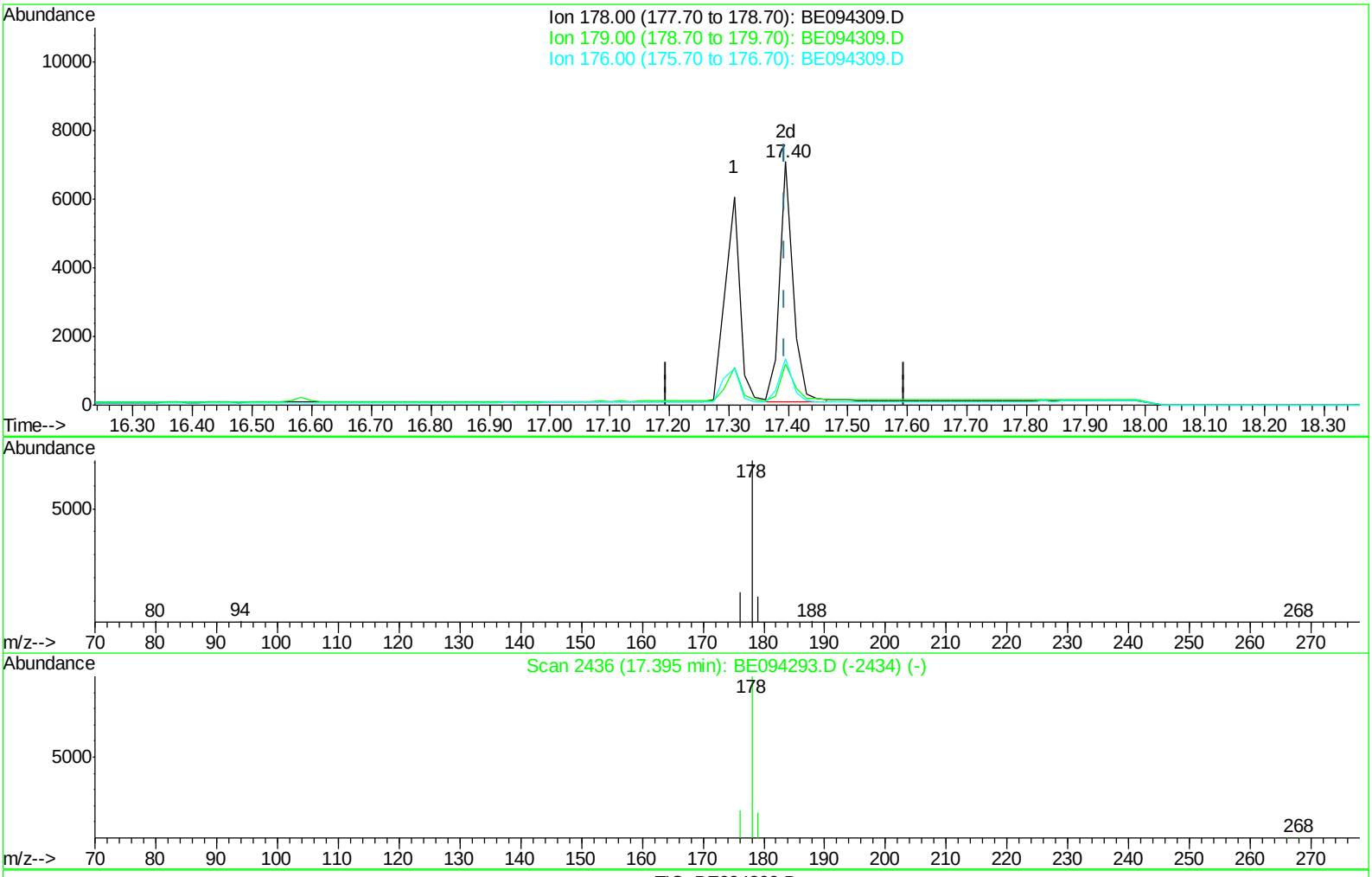
Sohil
10/13/2017 12:06:22 PM




TIC: BE094309.D

(13) Anthracene

17.396min (+0.001) 0.43ng/ul m

response 10868

| Ion | Exp% | Act% |
|---|---|---|
| 178.00 | 100 | 100 |
| 179.00 | 22.60 | 16.72# |
| 176.00 | 18.40 | 18.99 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\Be101117\
Data File : BE094309.D
Acq On : 12 Oct 2017 9:23
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_E
**LabSampleId :**
SSTD0.432

**Manual Integrations APPROVED**
Sohil
10/13/2017 12:06:22 PM

Quant Time: Oct 12 20:23:07 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.92 | 152 | 1760 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.71 | 136 | 8770 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.53 | 164 | 4536 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.27 | 188 | 9899 | 0.40 | ng/ul | 0.02 |
| 16) Chrysene-d12 | 21.43 | 240 | 9994 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.96 | 264 | 9791 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.29 | 152 | 5411 | 0.40 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.29 | 212 | 12270 | 0.37 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.76 | 128 | 8427 | 0.392 | ng/ul# | 93 |
| 5) 2-Methylnaphthalene | 12.36 | 142 | 5719 | 0.410 | ng/ul | 98 |
| 7) Acenaphthylene | 14.25 | 152 | 8543 | 0.483 | ng/ul | 97 |
| 8) Acenaphthene | 14.59 | 153 | 5885 | 0.404 | ng/ul | 97 |
| 9) Fluorene | 15.58 | 166 | 6623 | 0.388 | ng/ul | 94 |
| 11) Pentachlorophenol | 16.96 | 266 | 249 | 0.214 | ng/ul# | 81 |
| 12) Phenanthrene | 17.31 | 178 | 10248 | 0.396 | ng/ul# | 94 |
| 13) Anthracene | 17.40 | 178 | 10868m | 0.432 | ng/ul | |
| 15) Fluoranthene | 19.32 | 202 | 12633 | 0.372 | ng/ul | 84 |
| 17) Pyrene | 19.68 | 202 | 13171 | 0.474 | ng/ul# | 83 |
| 18) Benzo(a)anthracene | 21.41 | 228 | 12180 | 0.459 | ng/ul# | 86 |
| 19) Chrysene | 21.47 | 228 | 11341 | 0.370 | ng/ul# | 81 |
| 21) Benzo(b)fluoranthene | 23.18 | 252 | 11653 | 0.438 | ng/ul# | 73 |
| 22) Benzo(k)fluoranthene | 23.23 | 252 | 11060 | 0.360 | ng/ul# | 69 |
| 23) Benzo(a)pyrene | 23.85 | 252 | 10913 | 0.395 | ng/ul# | 73 |
| 24) Indeno(1,2,3-cd)pyrene | 26.65 | 276 | 10271 | 0.363 | ng/ul# | 80 |
| 25) Dibenzo(a,h)anthracene | 26.66 | 278 | 8944 | 0.377 | ng/ul# | 59 |
| 26) Benzo(g,h,i)perylene | 27.48 | 276 | 7742 | 0.317 | ng/ul# | 57 |

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

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Sohil
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