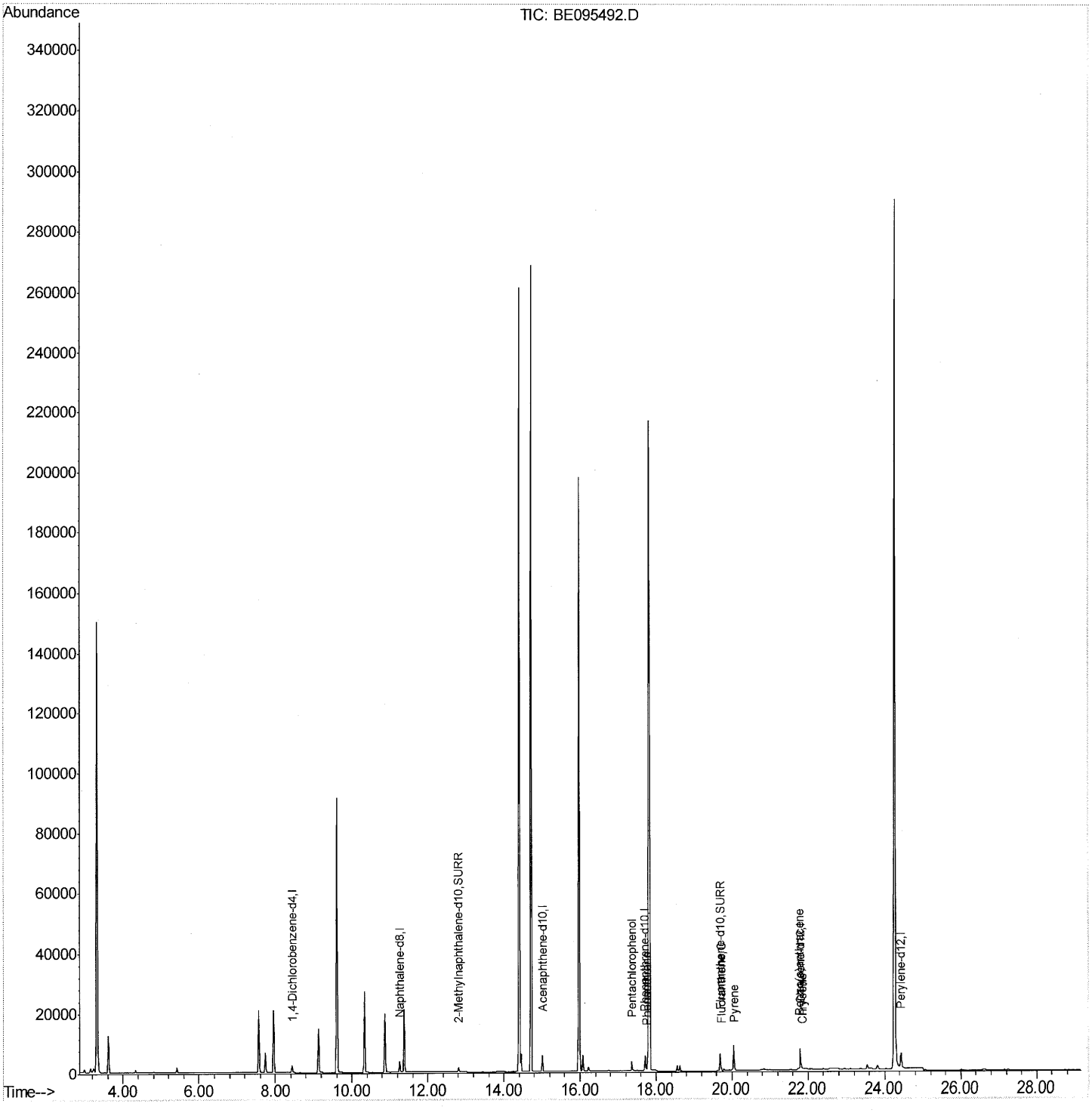
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
Data File : BE095492.D
Acq On : 5 Feb 2018 15:59
Operator : SJ/JU
Sample : J1315-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 06 01:55:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 01:31:24 2018
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
F6C58

**Manual Integrations APPROVED**
Sohil
2/6/2018 2:30:44 PM



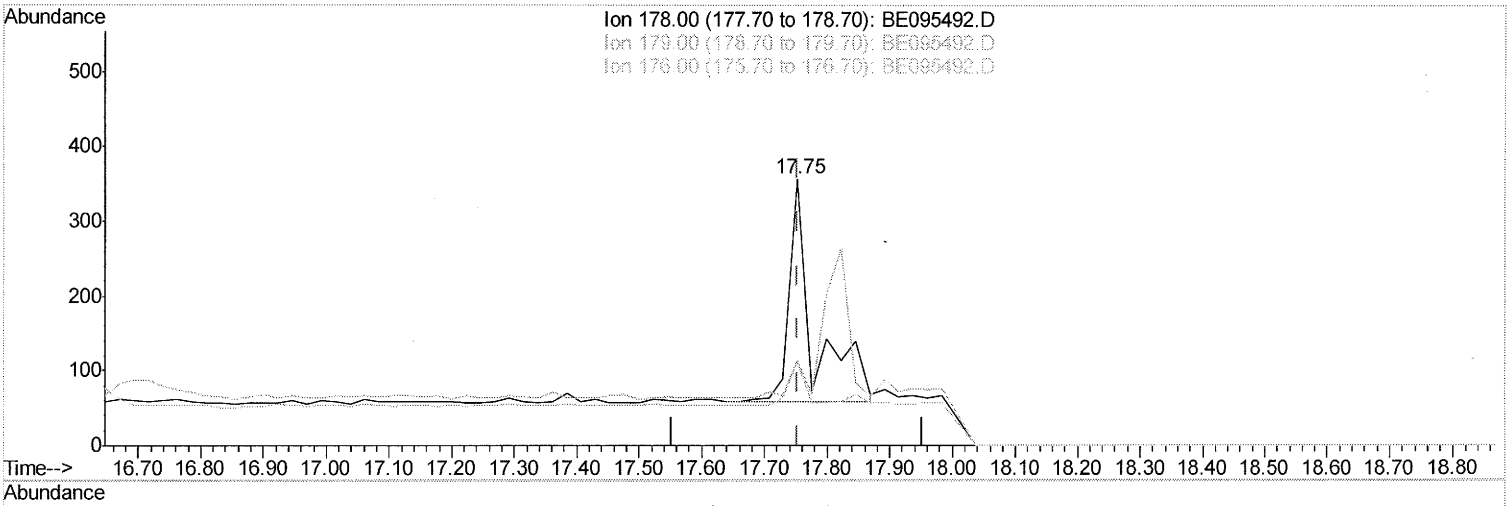
Quantitation Report (Qedit)

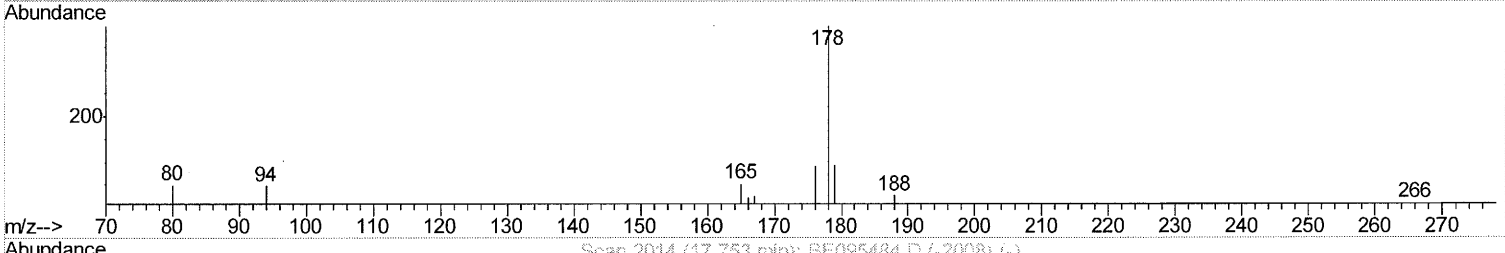
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
Data File : BE095492.D
Acq On : 5 Feb 2018 15:59
Operator : SJ/JU
Sample : J1315-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

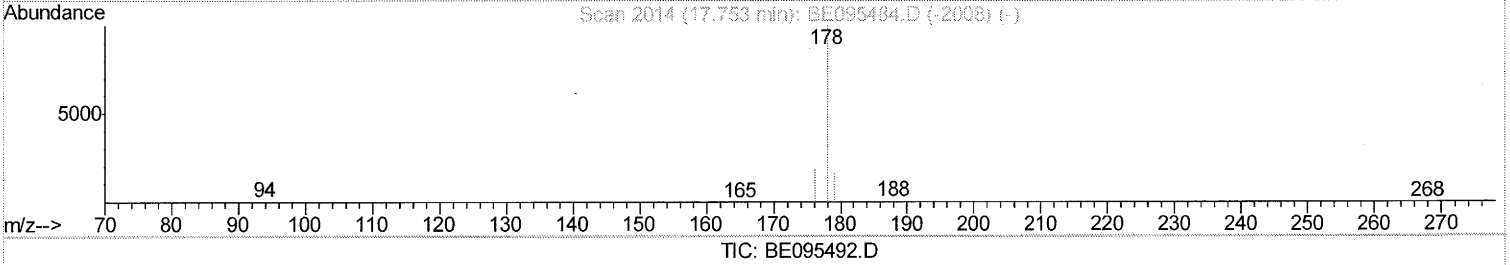
Quant Time: Feb 06 01:32:19 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 01:31:24 2018
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
F6C58

**Manual Integrations APPROVED**
Sohil
2/6/2018 2:30:44 PM




TIC: BE095492.D

(12) Phenanthrene

17.753min (-0.001) 0.03ng/ul

response 812

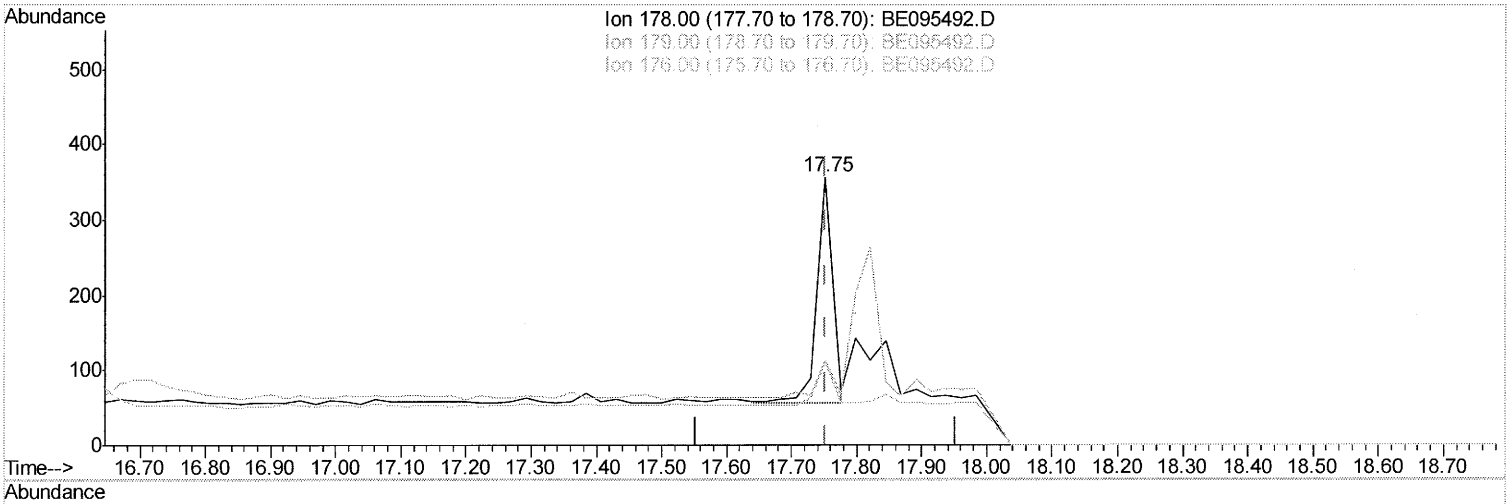
| Ion | Exp% | Act% |
|---|---|---|
| 178.00 | 100 | 100 |
| 179.00 | 23.00 | 31.93# |
| 176.00 | 17.00 | 31.37# |
| 0.00 | 0.00 | 0.00 |

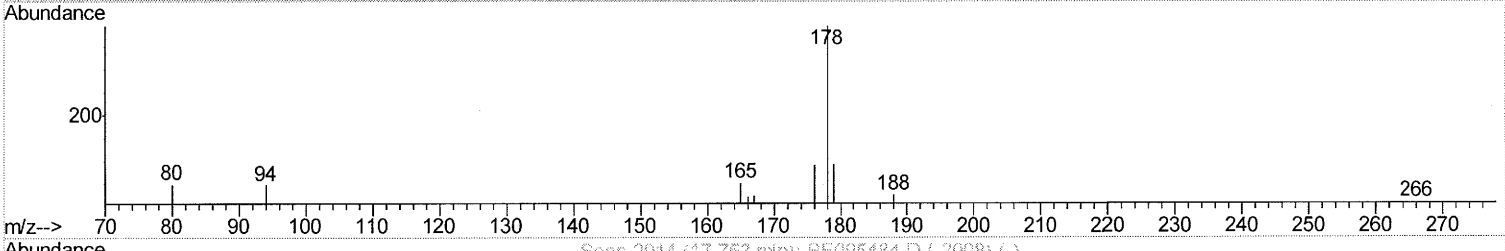
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
Data File : BE095492.D
Acq On : 5 Feb 2018 15:59
Operator : SJ/JU
Sample : J1315-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

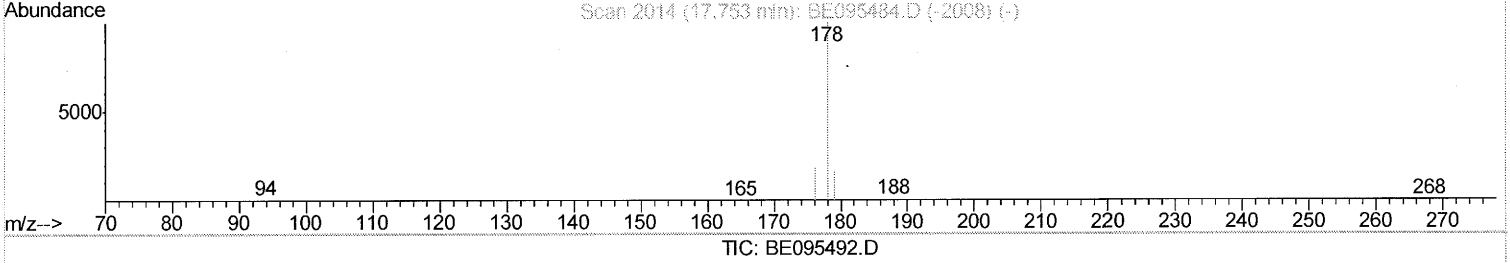
Quant Time: Feb 06 01:32:19 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 01:31:24 2018
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
F6C58

**Manual Integrations APPROVED**
Sohil
2/6/2018 2:30:44 PM




TIC: BE095492.D

(12) Phenanthrene

17.753min (-0.001) 0.02ng/ul m SJ 02/7/18

response 506

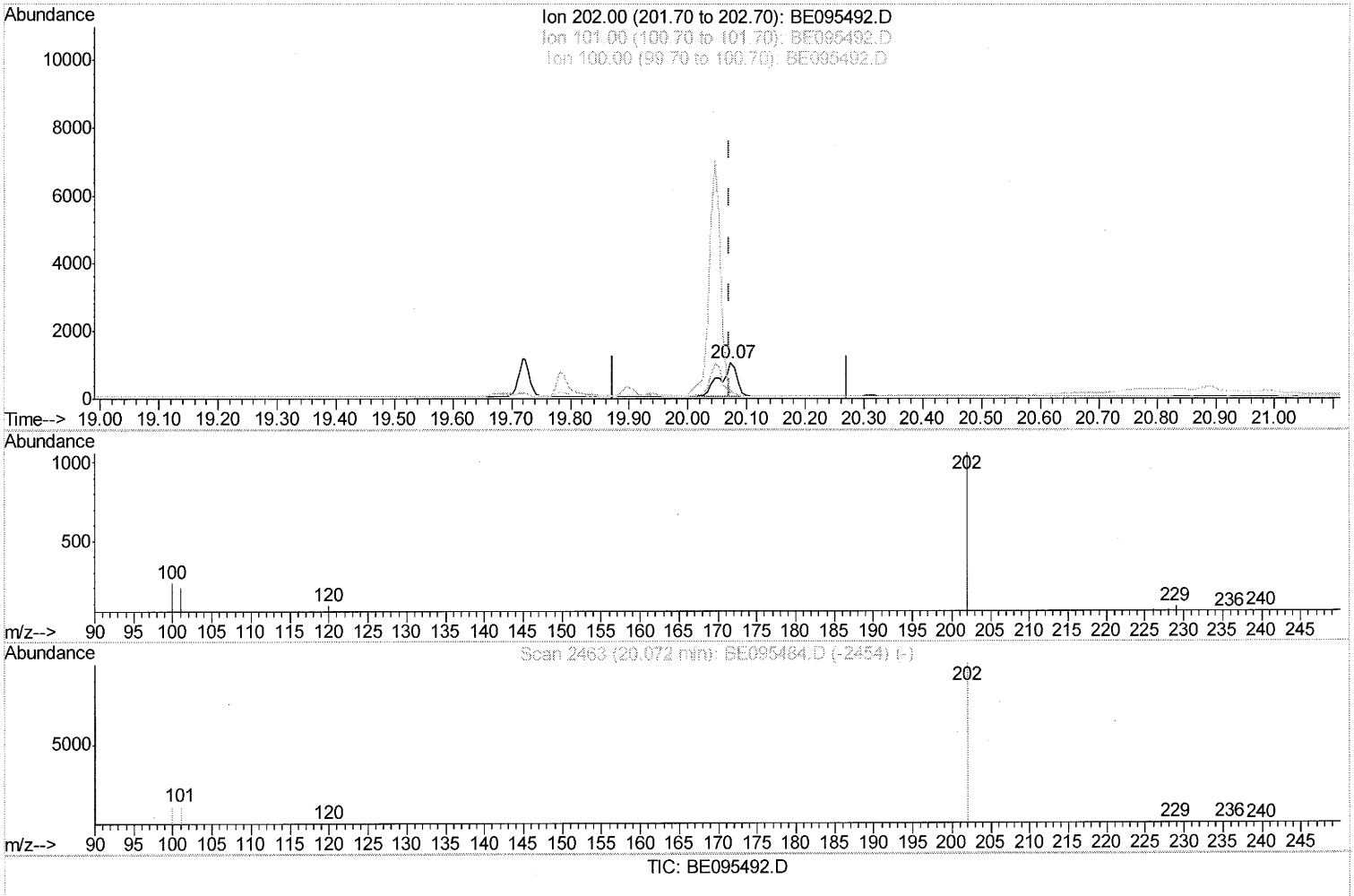
| Ion | Exp% | Act% |
|---|---|---|
| 178.00 | 100 | 100 |
| 179.00 | 23.00 | 31.93# |
| 176.00 | 17.00 | 31.37# |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
Data File : BE095492.D
Acq On : 5 Feb 2018 15:59
Operator : SJ/JU
Sample : J1315-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 06 01:32:19 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 01:31:24 2018
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
F6C58

**Manual Integrations APPROVED**
Sohil
2/6/2018 2:30:44 PM




TIC: BE095492.D

(17) Pyrene

20.073min (+0.001) 0.09ng/ul

response 2331

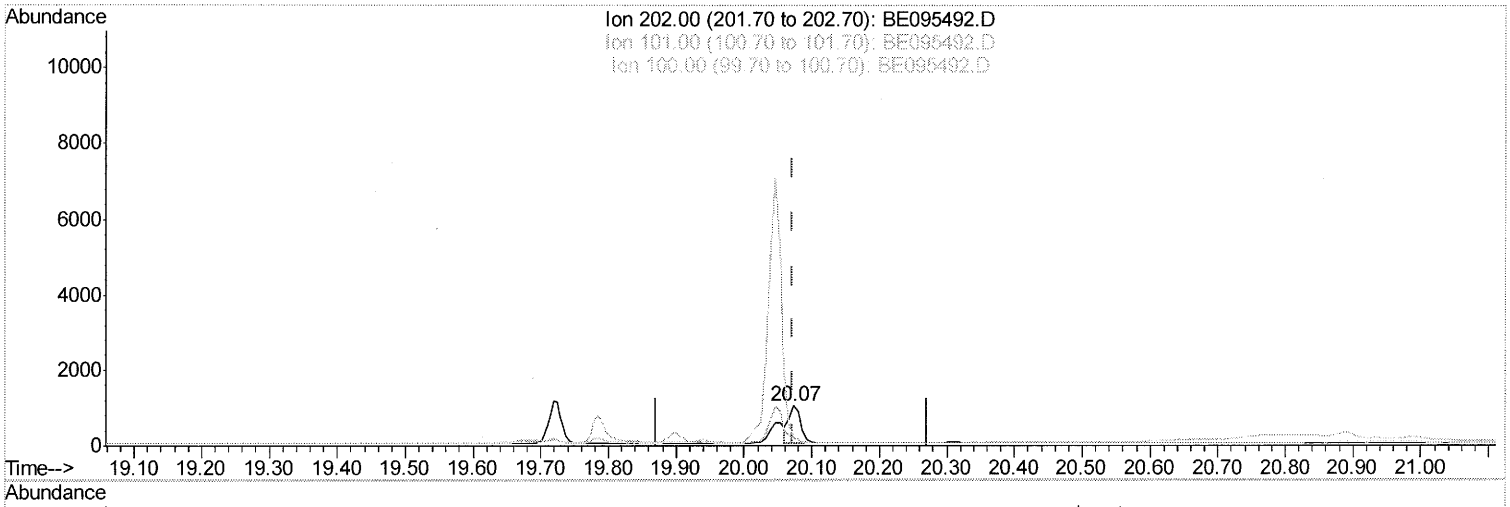
| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100 | 100 |
| 101.00 | 22.80 | 19.53 |
| 100.00 | 19.50 | 22.09 |
| 0.00 | 0.00 | 0.00 |

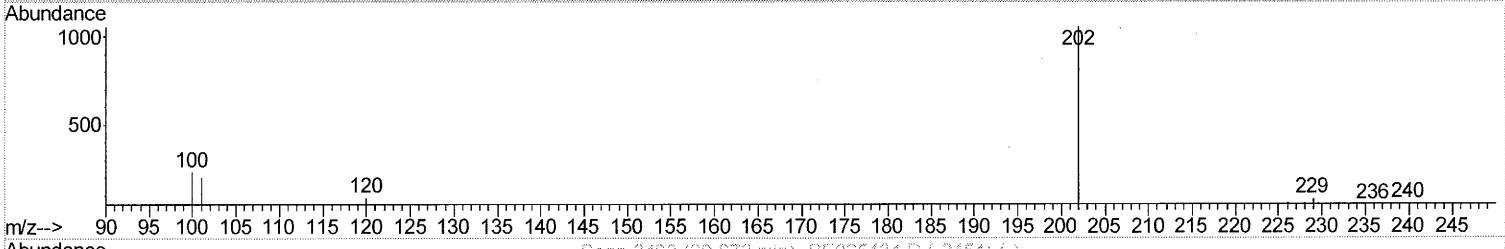
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
Data File : BE095492.D
Acq On : 5 Feb 2018 15:59
Operator : SJ/JU
Sample : J1315-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

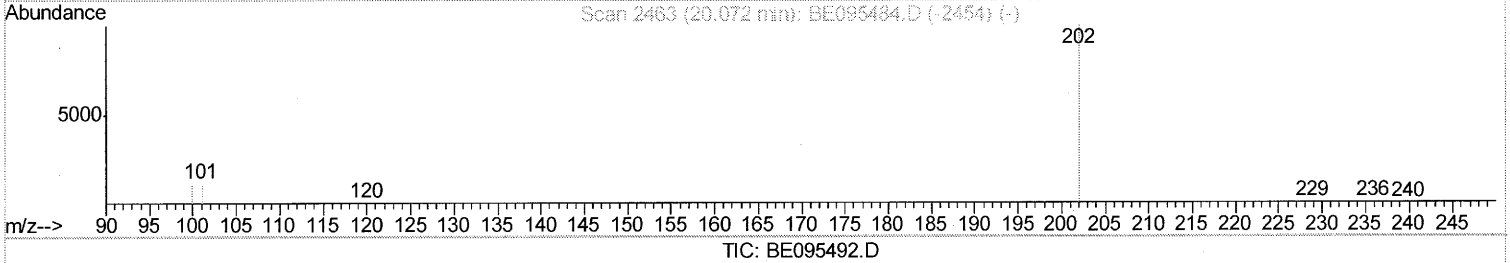
Quant Time: Feb 06 01:32:19 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 01:31:24 2018
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
F6C58

**Manual Integrations APPROVED**
Sohil
2/6/2018 2:30:44 PM




TIC: BE095492.D

(17) Pyrene

20.073min (+0.001) 0.05ng/ul m SJ 2/7/18

response 1206

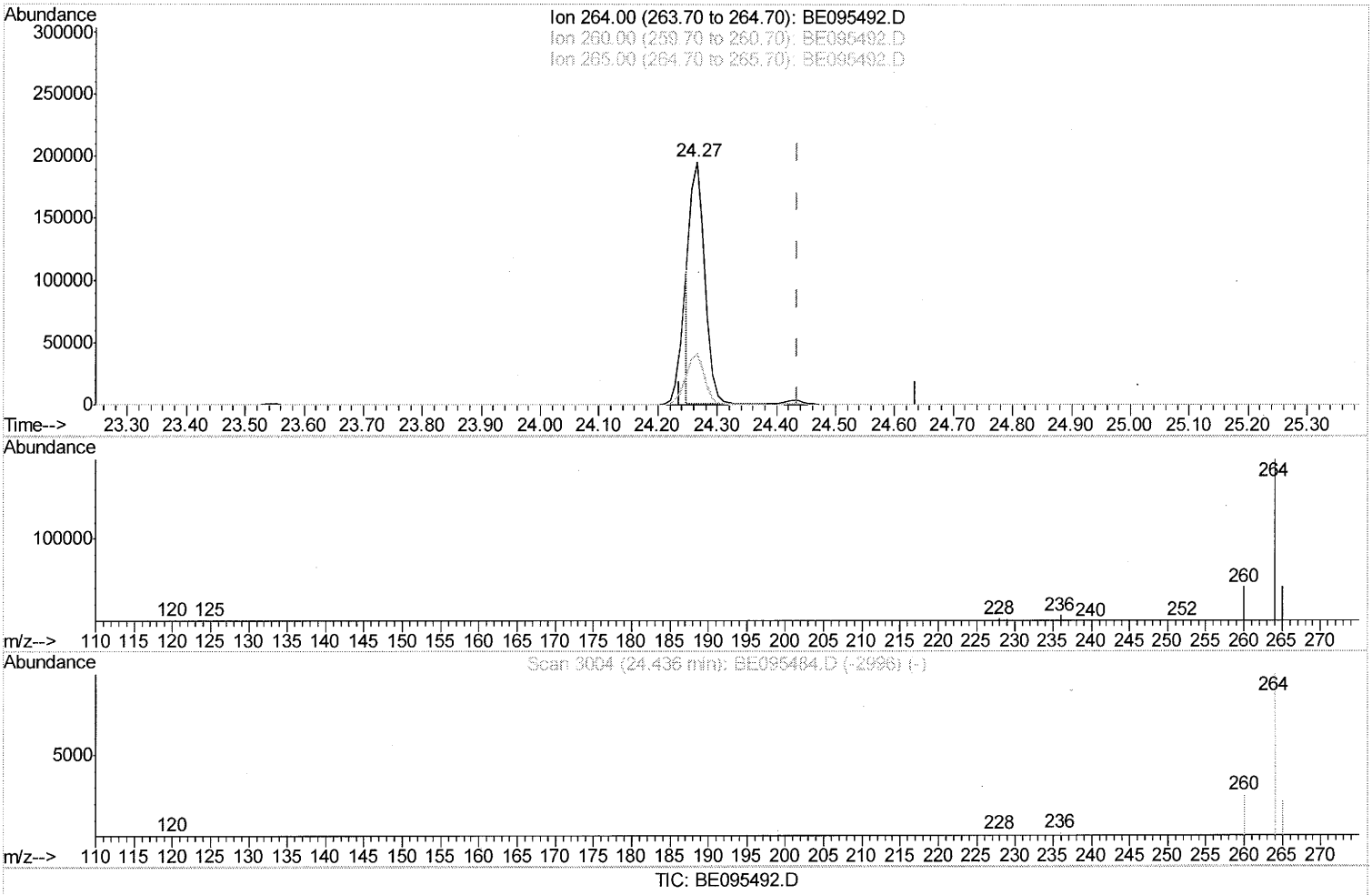
| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100 | 100 |
| 101.00 | 22.80 | 19.53 |
| 100.00 | 19.50 | 22.09 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
Data File : BE095492.D
Acq On : 5 Feb 2018 15:59
Operator : SJ/JU
Sample : J1315-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 06 01:32:19 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 01:31:24 2018
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
F6C58

**Manual Integrations APPROVED**
Sohil
2/6/2018 2:30:44 PM




TIC: BE095492.D

(20) Perylene-d12 (I)

24.265min (-0.171) 0.40ng/ul

response 336585

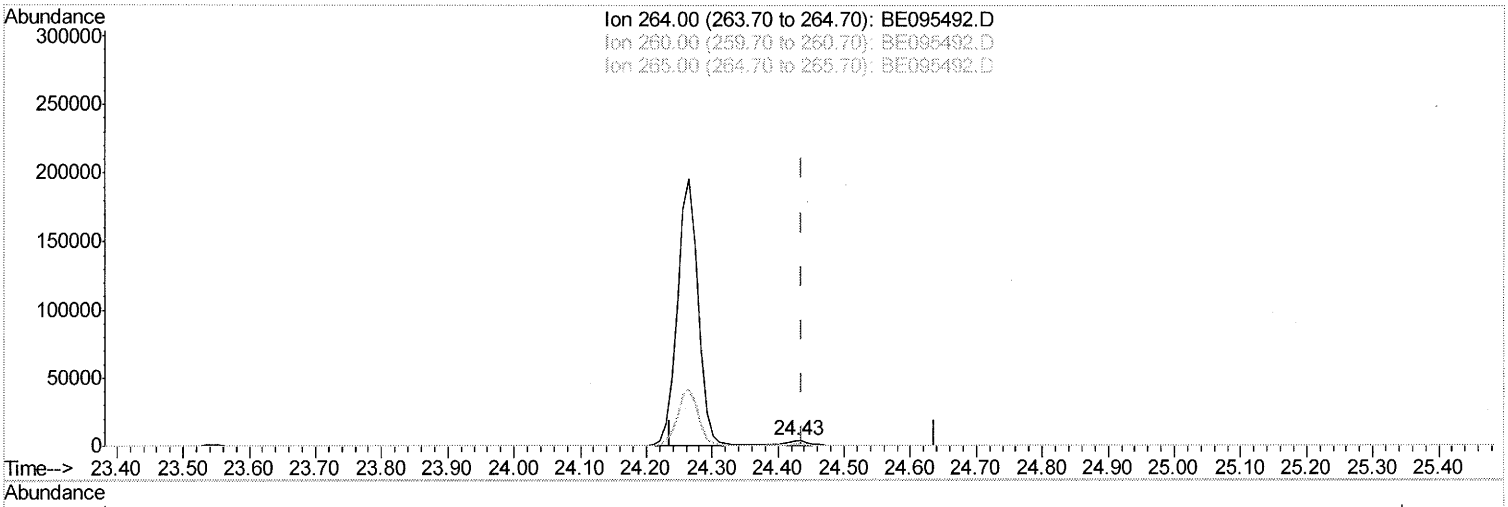
| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 260.00 | 30.10 | 21.07# |
| 265.00 | 103.50 | 21.35# |
| 0.00 | 0.00 | 0.00 |

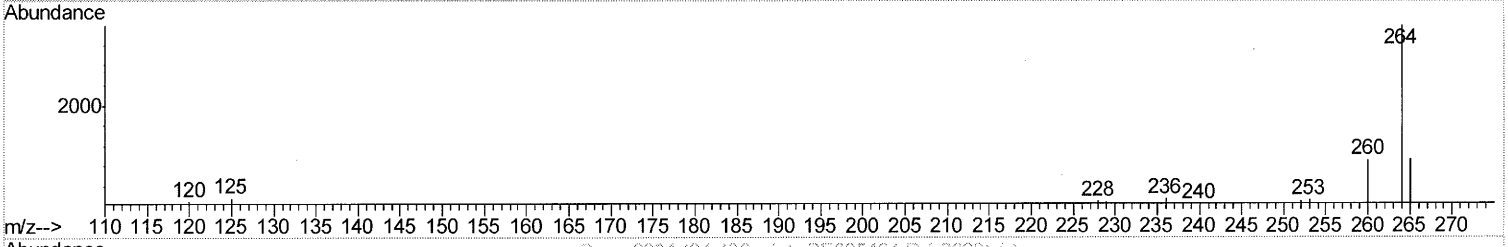
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
Data File : BE095492.D
Acq On : 5 Feb 2018 15:59
Operator : SJ/JU
Sample : J1315-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

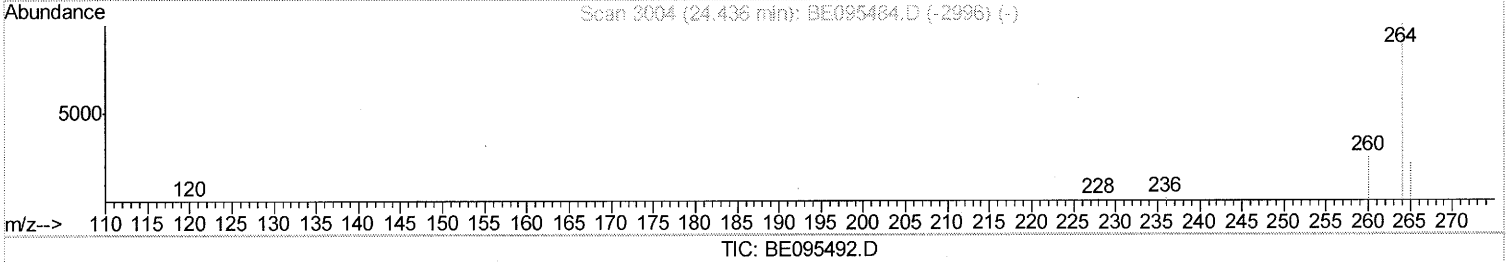
Quant Time: Feb 06 01:32:19 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 01:31:24 2018
Response via : Initial Calibration

**Instrument :**
BNA_E
**ClientSampleId :**
F6C58

**Manual Integrations APPROVED**
Sohil
2/6/2018 2:30:44 PM




TIC: BE095492.D

(20) Perylene-d12 (I)

24.427min (-0.009) 0.40ng/ul m SJ 2/7/18

response 6892

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 260.00 | 30.10 | 25.42 |
| 265.00 | 103.50 | 26.09# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
Data File : BE095492.D
Acq On : 5 Feb 2018 15:59
Operator : SJ/JU
Sample : J1315-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 06 01:55:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 01:31:24 2018
Response via : Initial Calibration

**Instrument :** BNA_E
**ClientSampleId :** F6C58

**Manual Integrations APPROVED**
Sohil
2/6/2018 2:30:44 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.43 | 152 | 1820 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 11.25 | 136 | 5154 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 15.01 | 164 | 3187 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.71 | 188 | 7270 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.80 | 240 | 7388 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 24.43 | 264 | 6892m | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.81 | 152 | 2262 | 0.27 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.69 | 212 | 6345 | 0.23 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 11) Pentachlorophenol | 17.36 | 266 | 2043 | 1.451 | ng/ul | 98 |
| 12) Phenanthrene | 17.75 | 178 | 506m | 0.021 | ng/ul | |
| 15) Fluoranthene | 19.72 | 202 | 1482 | 0.047 | ng/ul | 87 |
| 17) Pyrene | 20.07 | 202 | 1206m | 0.049 | ng/ul | |
| 18) Benzo(a)anthracene | 21.78 | 228 | 525 | 0.023 | ng/ul# | 61 |
| 19) Chrysene | 21.84 | 228 | 506 | 0.021 | ng/ul# | 68 |

SJ 2/7/18

SJ 2/7/18

SJ 2/7/18

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