

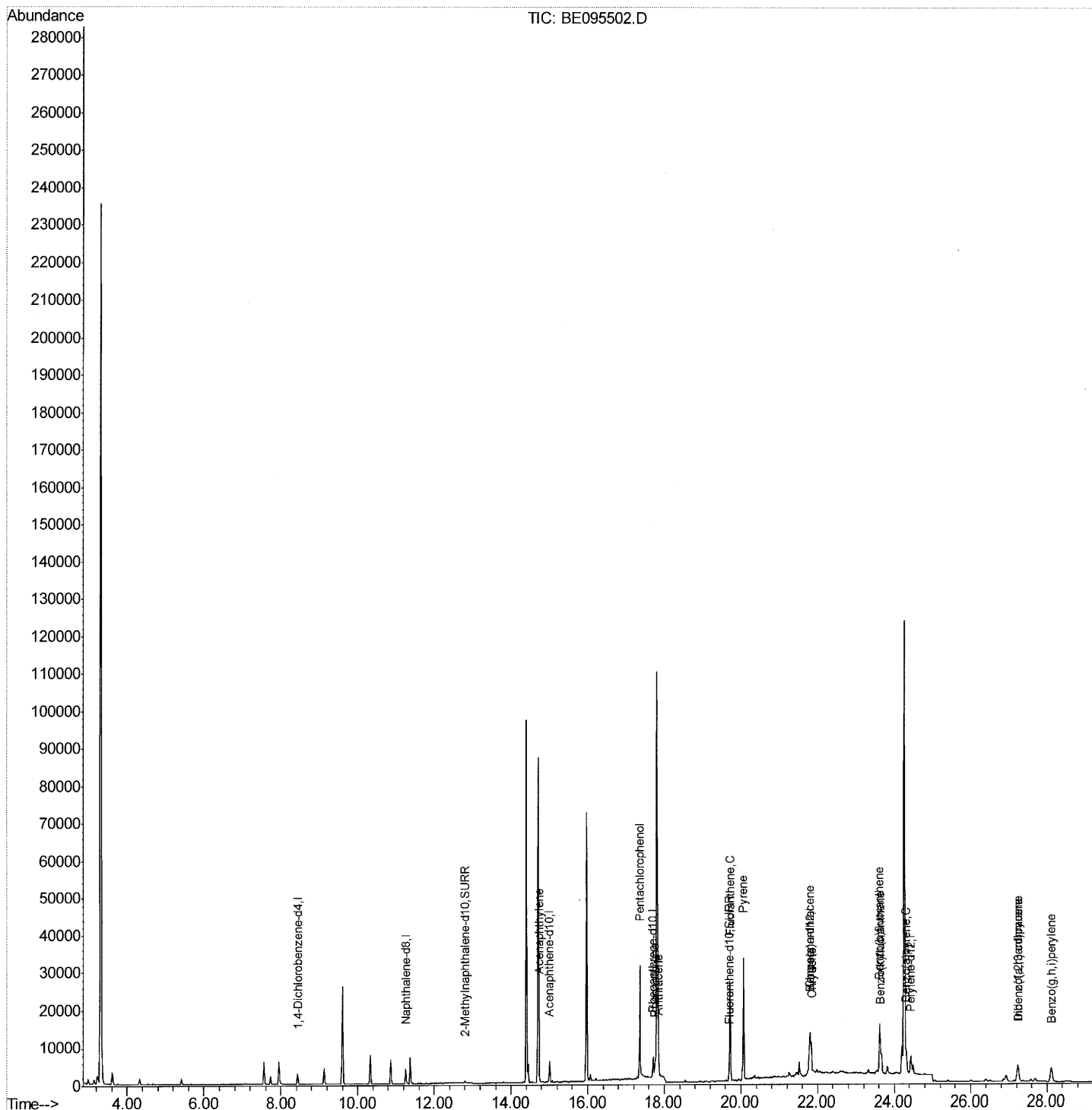
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\  
Data File : BE095502.D  
Acq On : 5 Feb 2018 21:57  
Operator : SJ/JU  
Sample : J1314-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampled :  
F6C43

Manual Integrations  
APPROVED

Sohil  
2/6/2018 2:31:08 PM

Quant Time: Feb 06 03:15:24 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 02:09:13 2018  
Response via : Initial Calibration



## Quantitation Report (Qedit)

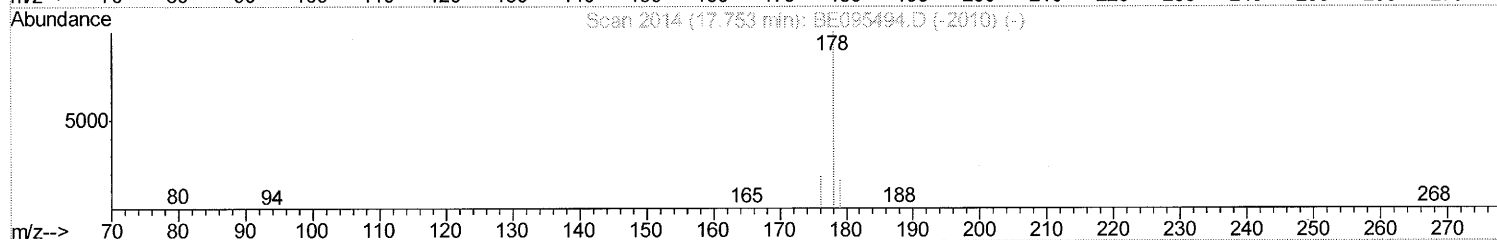
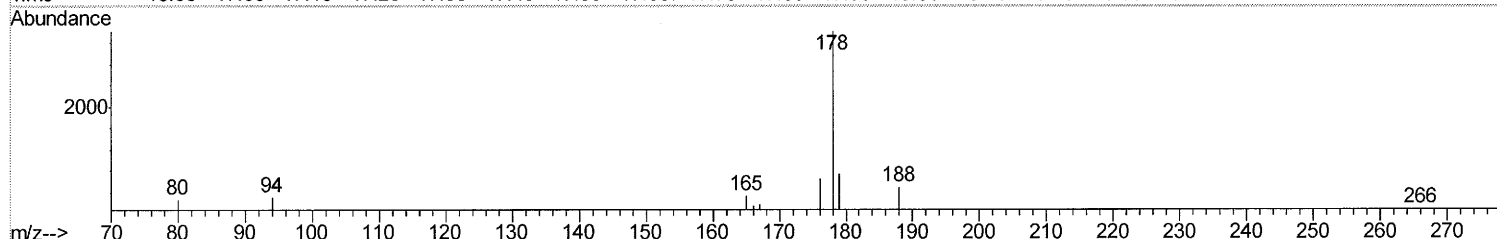
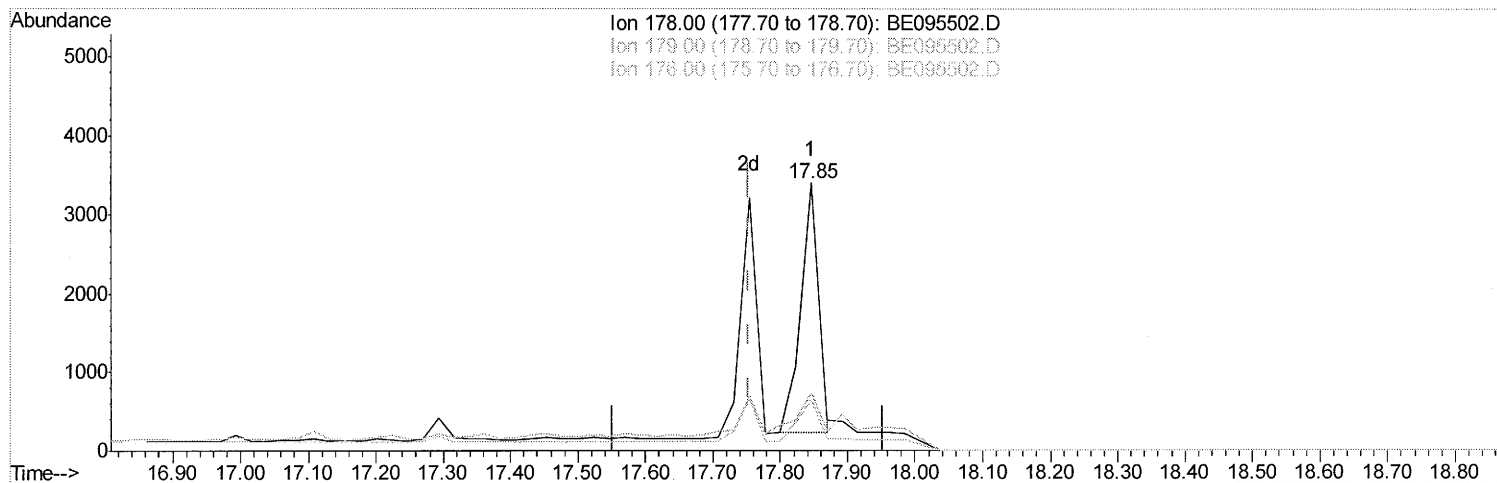
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\  
Data File : BE095502.D  
Acq On : 5 Feb 2018 21:57  
Operator : SJ/JU  
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Instrument :  
BNA\_E  
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F6C43

Manual Integrations  
APPROVED

Sohil  
2/6/2018 2:31:08 PM

Quant Time: Feb 06 02:10:59 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 02:09:13 2018  
Response via : Initial Calibration



TIC: BE095502.D

(12) Phenanthrene

17.846min (+0.093) 0.22ng/ul

response 5775

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 23.00 | 21.67 |
| 176.00 | 17.00 | 19.06 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

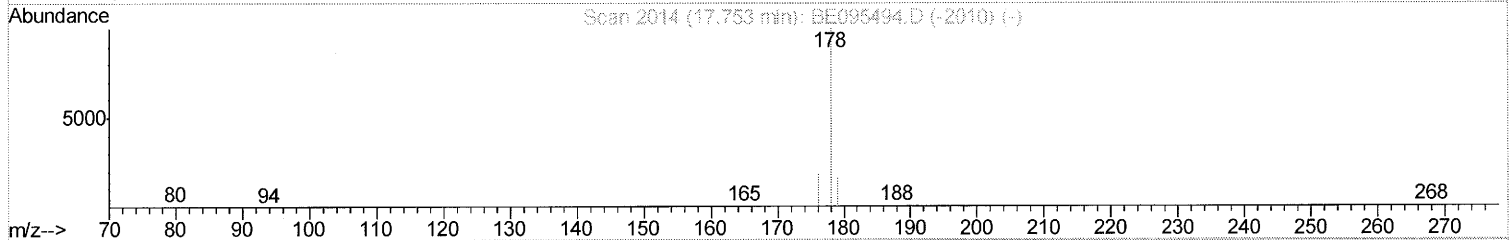
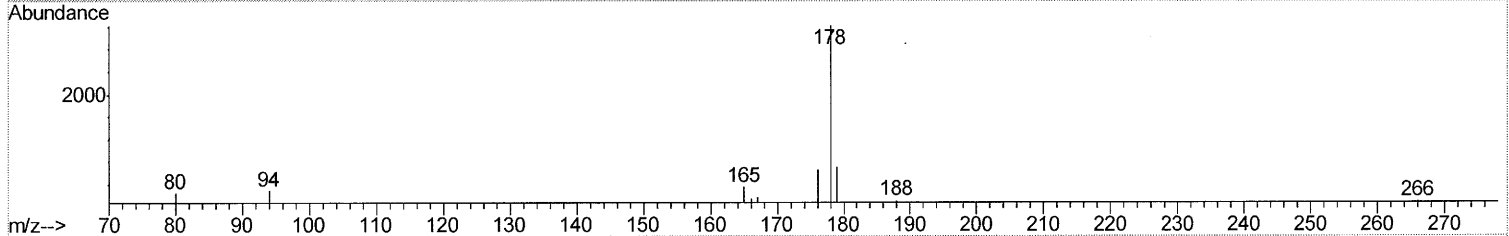
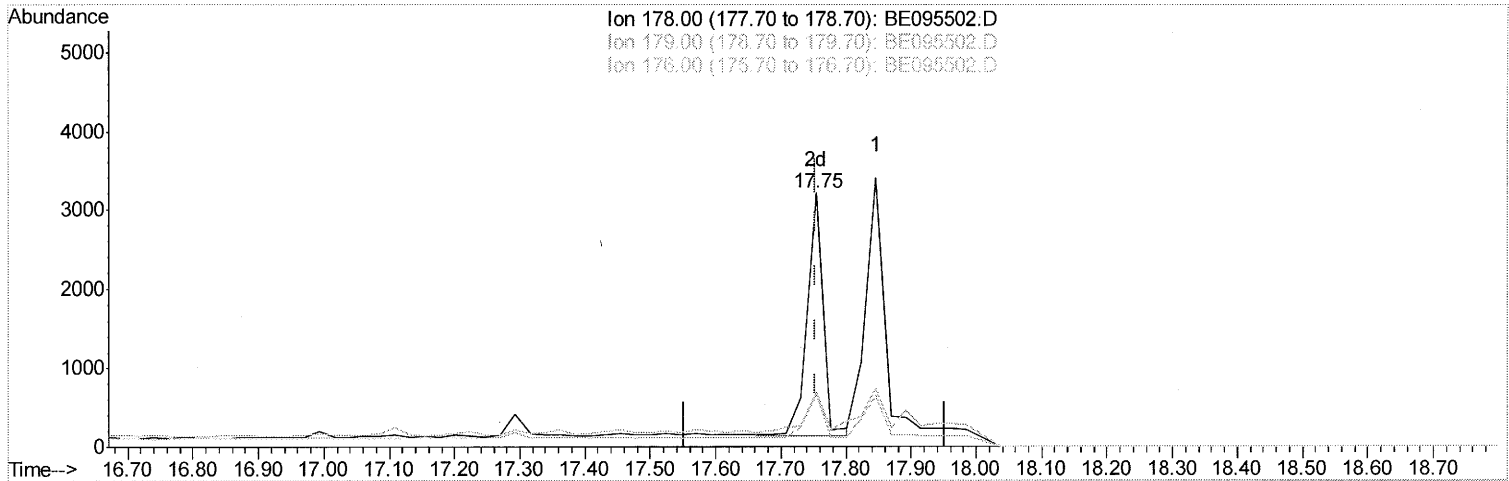
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\  
 Data File : BE095502.D  
 Acq On : 5 Feb 2018 21:57  
 Operator : SJ/JU  
 Sample : J1314-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6C43

Manual Integrations  
 APPROVED

Sohil  
 2/6/2018 2:31:08 PM

Quant Time: Feb 06 02:10:59 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 02:09:13 2018  
 Response via : Initial Calibration



TIC: BE095502.D

(12) Phenanthrene

17.754min (+0.001) 0.20ng/ul m

*SJ 2/7/18*

response 5215

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 21.69  |
| 176.00 | 17.00 | 20.57# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

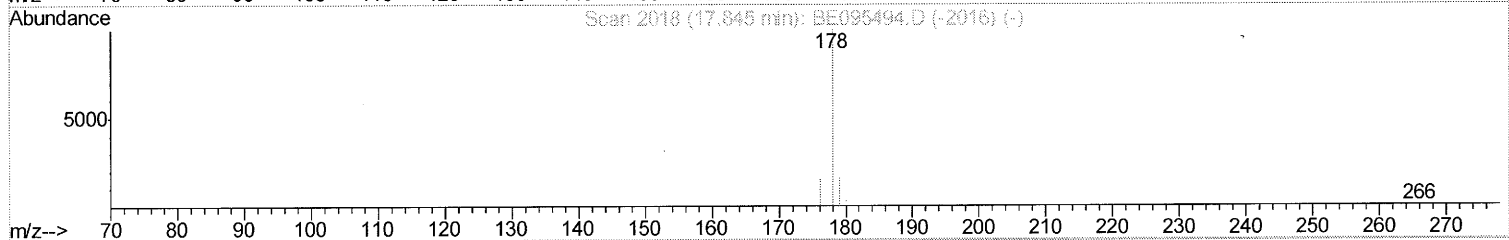
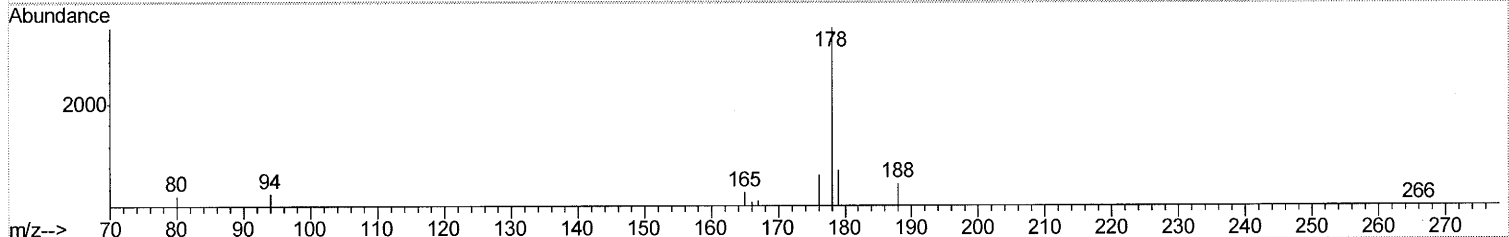
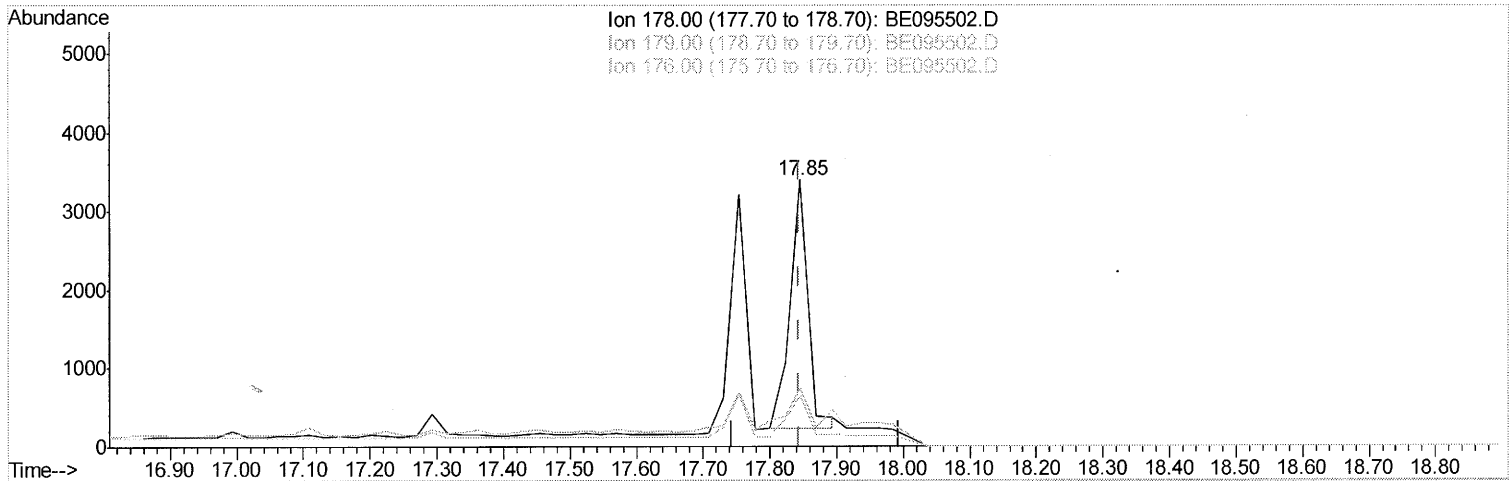
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\  
Data File : BE095502.D  
Acq On : 5 Feb 2018 21:57  
Operator : SJ/JU  
Sample : J1314-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampled :  
F6C43

Manual Integrations  
APPROVED

Sohil  
2/6/2018 2:31:08 PM

Quant Time: Feb 06 02:10:59 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 02:09:13 2018  
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TIC: BE095502.D

(13) Anthracene

17.846min (+0.001) 0.25ng/ul

response 5970

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 22.60 | 21.67 |
| 176.00 | 18.40 | 19.06 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

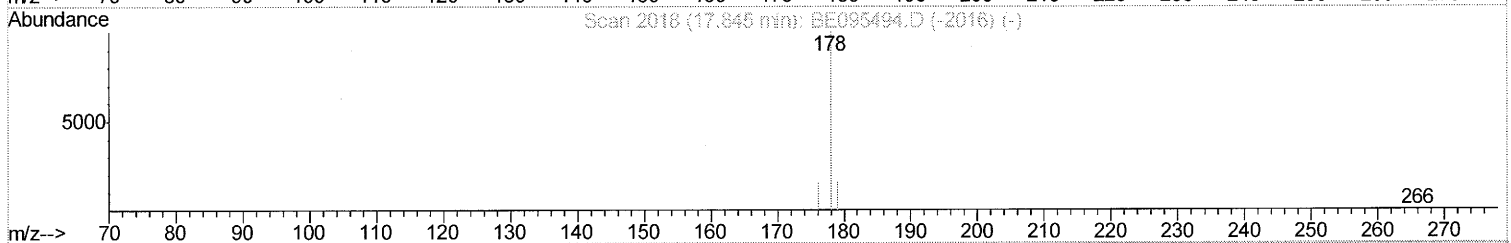
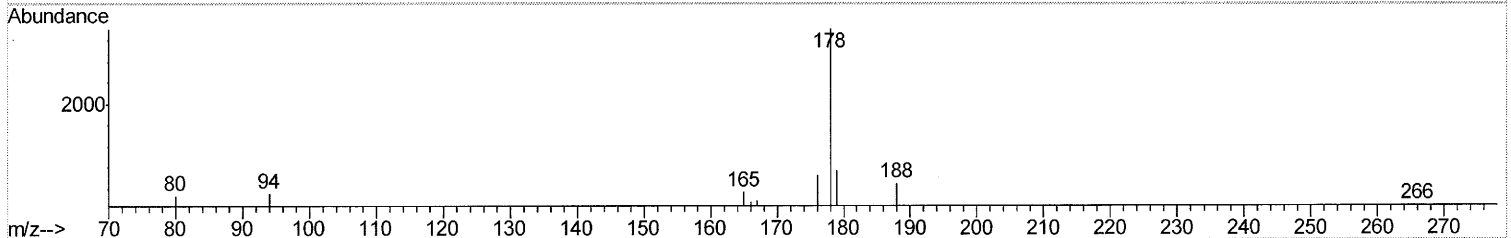
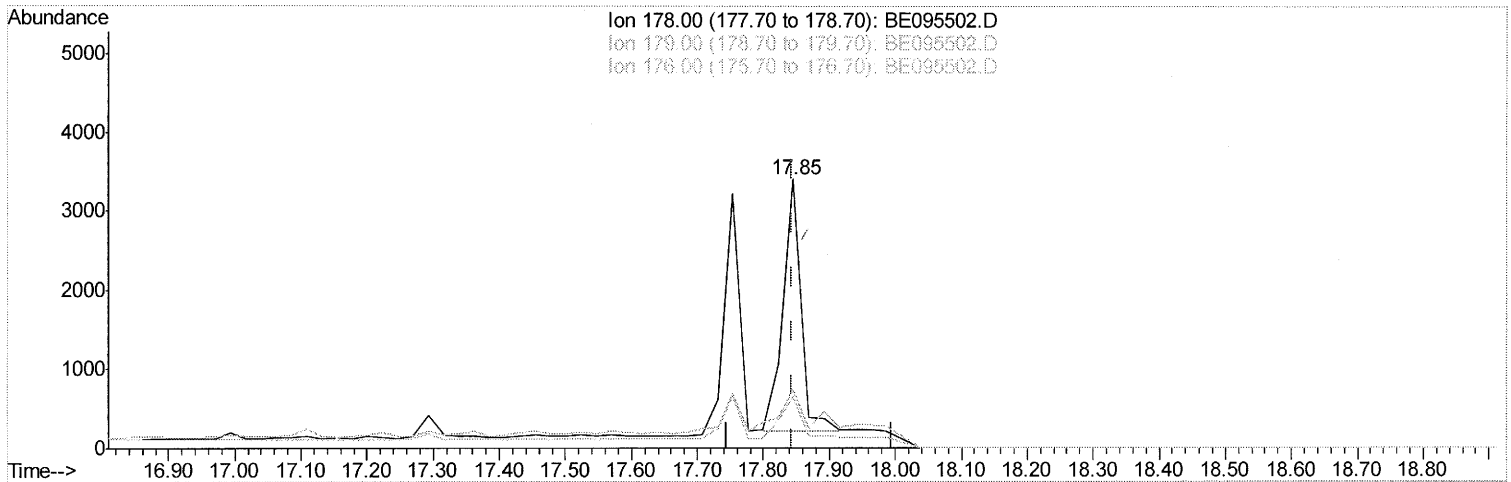
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\  
 Data File : BE095502.D  
 Acq On : 5 Feb 2018 21:57  
 Operator : SJ/JU  
 Sample : J1314-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6C43

Manual Integrations  
 APPROVED

Sohil  
 2/6/2018 2:31:08 PM

Quant Time: Feb 06 02:10:59 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 02:09:13 2018  
 Response via : Initial Calibration



TIC: BE095502.D

(13) Anthracene

17.846min (+0.001) 0.25ng/ul m

*SJ 2/7/18*

response 6005

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 22.60 | 21.67 |
| 176.00 | 18.40 | 19.06 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

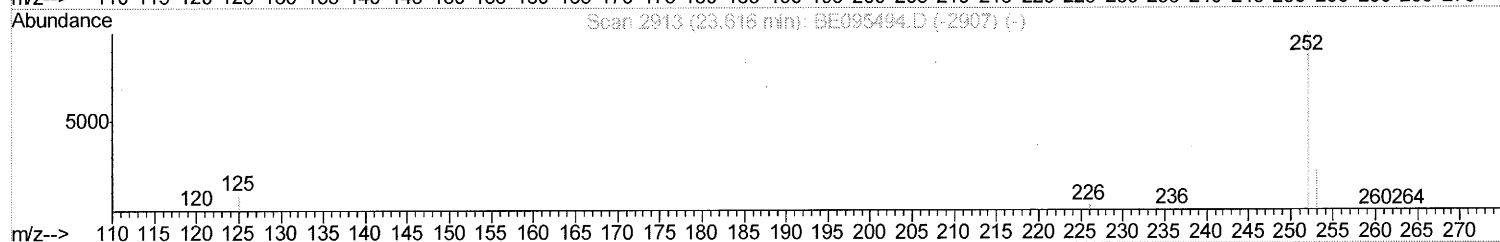
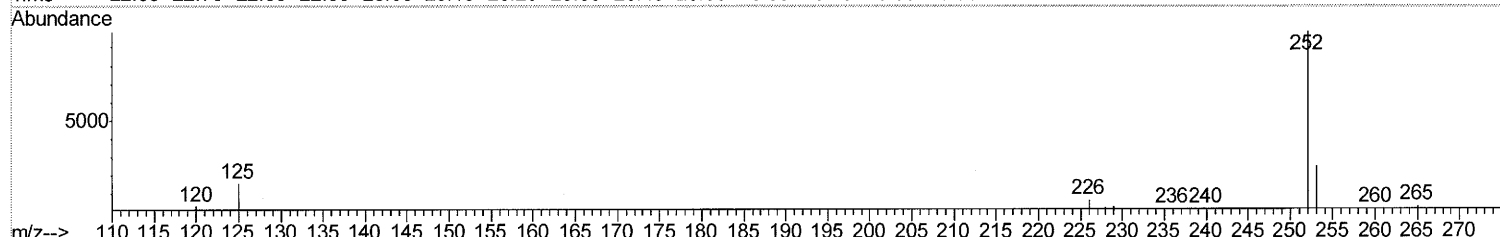
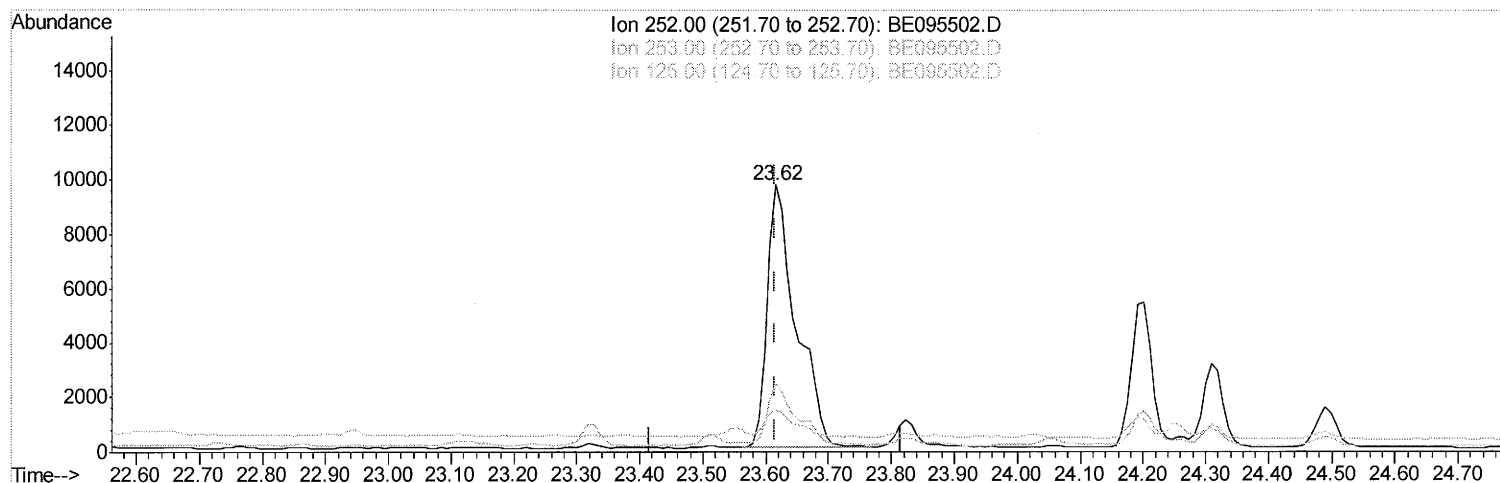
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\  
Data File : BE095502.D  
Acq On : 5 Feb 2018 21:57  
Operator : SJ/JU  
Sample : J1314-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampled :  
F6C43

Manual Integrations  
APPROVED

Sohil  
2/6/2018 2:31:08 PM

Quant Time: Feb 06 02:10:59 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 02:09:13 2018  
Response via : Initial Calibration



TIC: BE095502.D

(21) Benzo(b)fluoranthene

23.616min (-0.000) 1.10ng/ul

response 30735

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 25.05 |
| 125.00 | 17.50 | 15.61 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

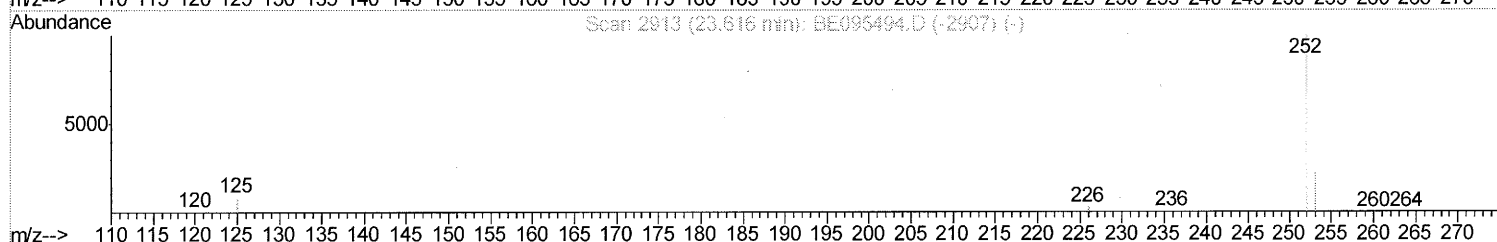
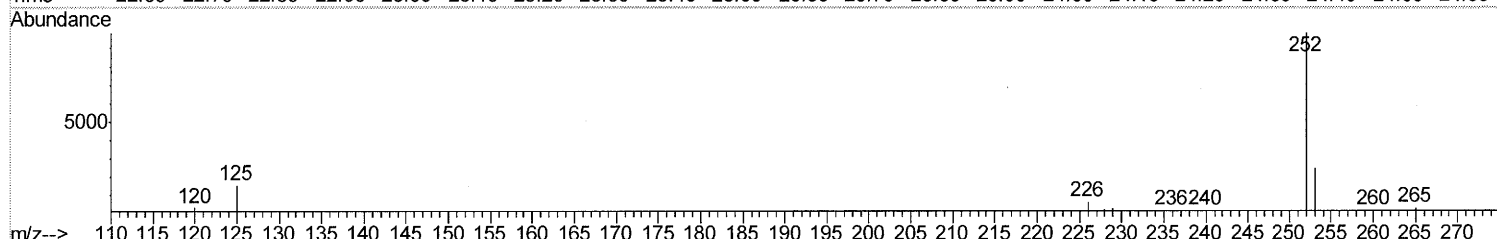
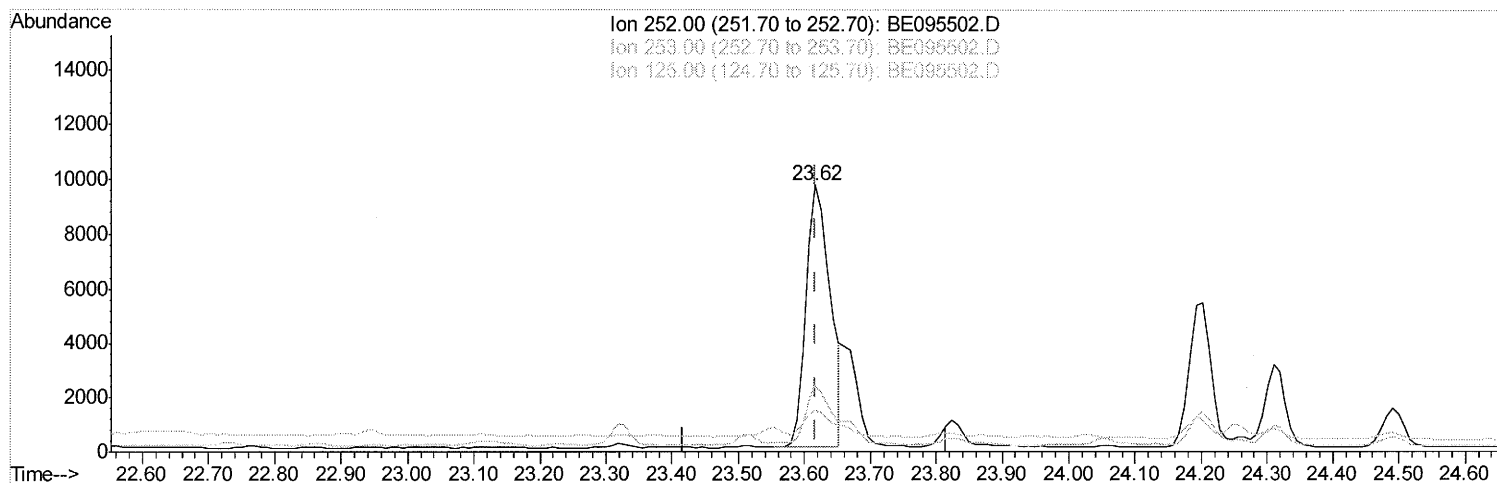
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\  
 Data File : BE095502.D  
 Acq On : 5 Feb 2018 21:57  
 Operator : SJ/JU  
 Sample : J1314-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6C43

Manual Integrations  
 APPROVED

Sohil  
 2/6/2018 2:31:08 PM

Quant Time: Feb 06 02:10:59 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 02:09:13 2018  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.616min (-0.000) 0.89ng/ul m

response 24668

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 25.05 |
| 125.00 | 17.50 | 15.61 |
| 0.00   | 0.00  | 0.00  |

*SJ 2/7/18*

## Quantitation Report (Qedit)

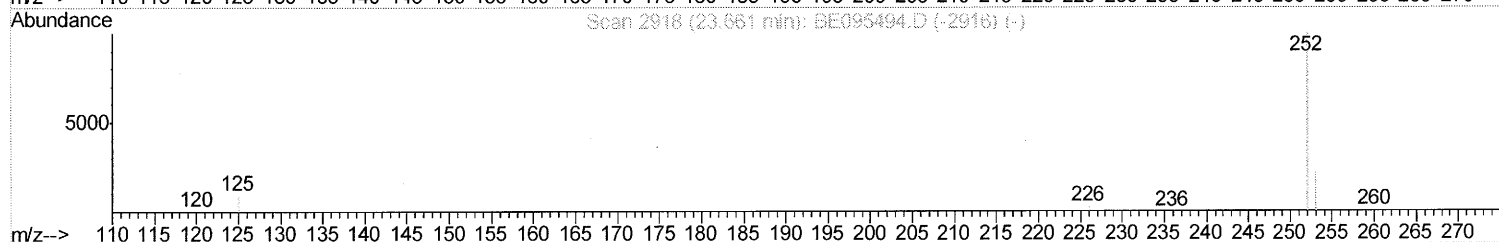
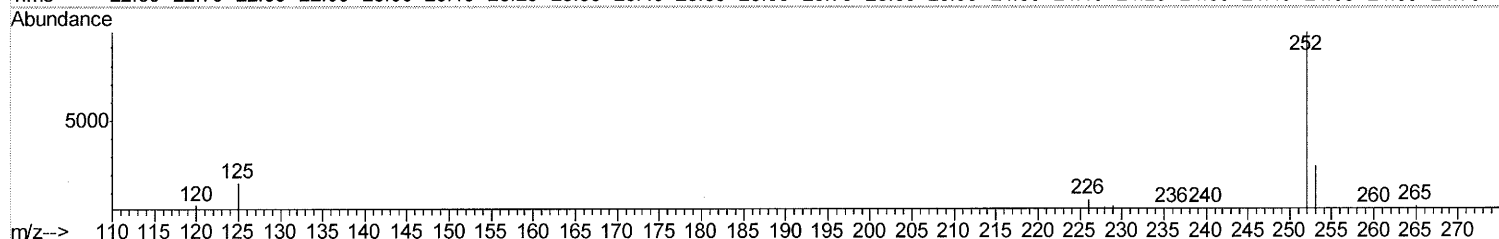
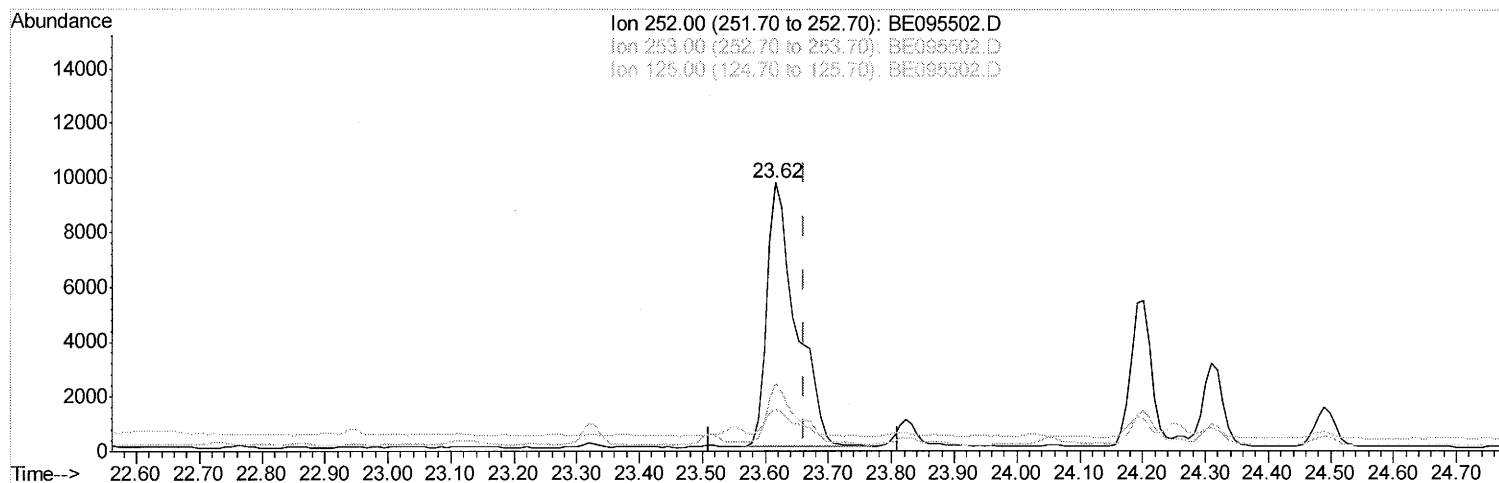
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\  
Data File : BE095502.D  
Acq On : 5 Feb 2018 21:57  
Operator : SJ/JU  
Sample : J1314-06  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampled :  
F6C43

Manual Integrations  
APPROVED

Sohil  
2/6/2018 2:31:08 PM

Quant Time: Feb 06 02:10:59 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 02:09:13 2018  
Response via : Initial Calibration



TIC: BE095502.D

(22) Benzo(k)fluoranthene  
23.616min (-0.045) 1.21ng/ul  
response 30735

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 30.60 | 25.05 |
| 125.00 | 17.10 | 15.61 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

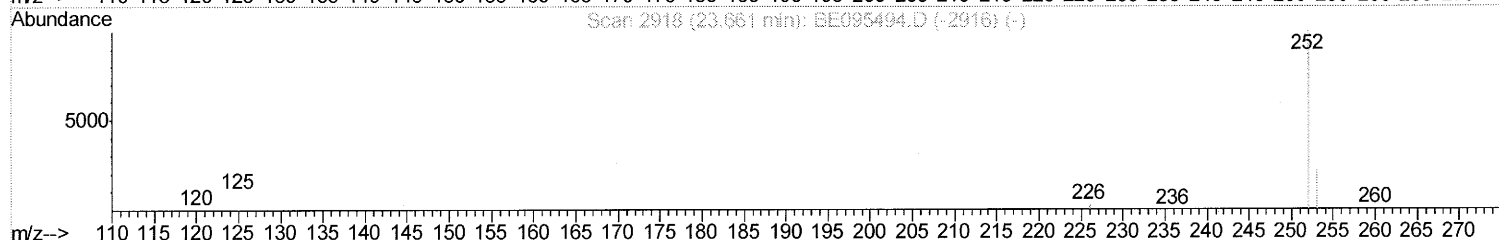
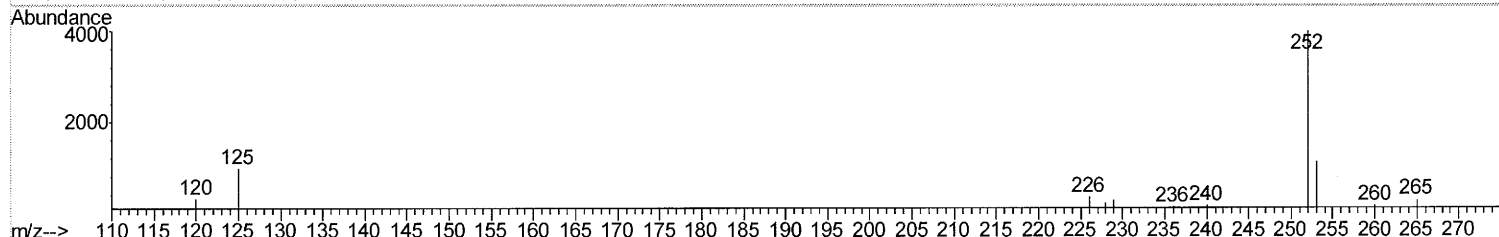
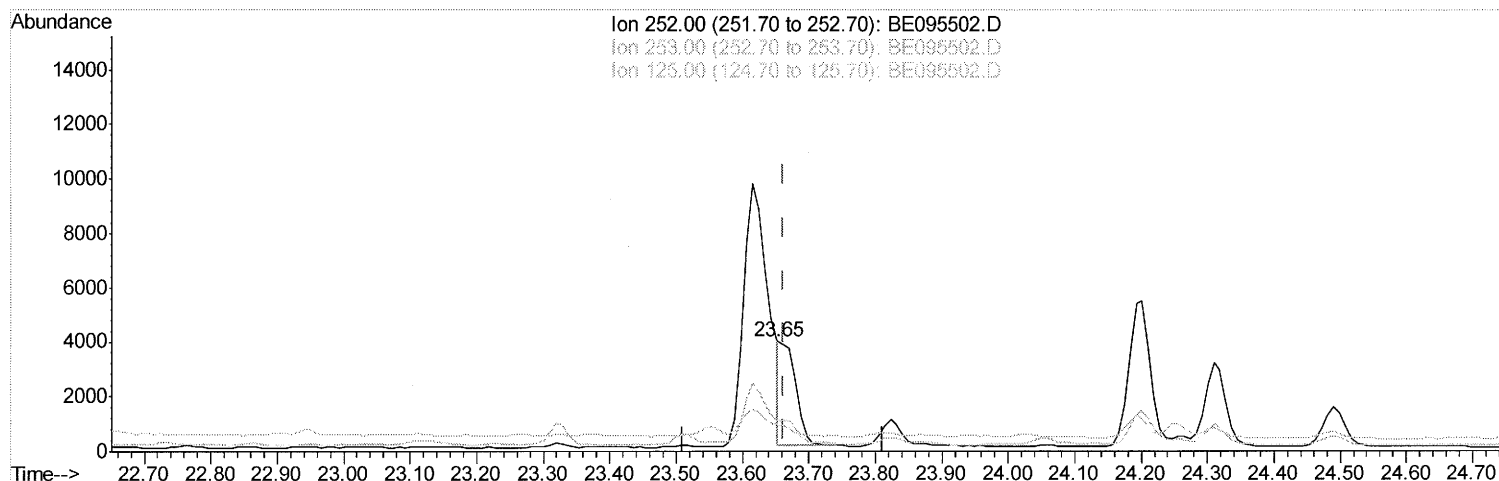
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\  
 Data File : BE095502.D  
 Acq On : 5 Feb 2018 21:57  
 Operator : SJ/JU  
 Sample : J1314-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6C43

Manual Integrations  
 APPROVED

Sohil  
 2/6/2018 2:31:08 PM

Quant Time: Feb 06 02:10:59 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 02:09:13 2018  
 Response via : Initial Calibration



TIC: BE095502.D

(22) Benzo(k)fluoranthene

23.652min (-0.009) 0.24ng/ul m

*SJ 2/7/18*

response 6035

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 28.23  |
| 125.00 | 17.10 | 24.53# |
| 0.00   | 0.00  | 0.00   |

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\  
 Data File : BE095502.D  
 Acq On : 5 Feb 2018 21:57  
 Operator : SJ/JU  
 Sample : J1314-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6C43

Manual Integrations  
 APPROVED

Sohil  
 2/6/2018 2:31:08 PM

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| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.43  | 152  | 1852     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.25 | 136  | 5344     | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 15.02 | 164  | 3225     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.71 | 188  | 7689     | 0.40 | ng/ul | 0.00     |
| 16) Chrysene-d12          | 21.80 | 240  | 7559     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 24.43 | 264  | 7890     | 0.40 | ng/ul | 0.00     |

|                             |       |     |      |      |       |      |
|-----------------------------|-------|-----|------|------|-------|------|
| System Monitoring Compounds |       |     |      |      |       |      |
| 4) 2-Methylnaphthalene-d10  | 12.81 | 152 | 740  | 0.09 | ng/ul | 0.00 |
| 14) Fluoranthene-d10        | 19.69 | 212 | 2749 | 0.09 | ng/ul | 0.00 |

|                            |       |     |        |        |        |    |
|----------------------------|-------|-----|--------|--------|--------|----|
| Target Compounds           |       |     |        | Ovalue |        |    |
| 7) Acenaphthylene          | 14.74 | 152 | 1252   | 0.081  | ng/ul# | 66 |
| 11) Pentachlorophenol      | 17.36 | 266 | 19871  | 13.343 | ng/ul  | 98 |
| 12) Phenanthrene           | 17.75 | 178 | 5215m  | 0.202  | ng/ul  |    |
| 13) Anthracene             | 17.85 | 178 | 6005m  | 0.254  | ng/ul  |    |
| 15) Fluoranthene           | 19.72 | 202 | 29843  | 0.891  | ng/ul  | 82 |
| 17) Pyrene                 | 20.07 | 202 | 34484  | 1.360  | ng/ul# | 79 |
| 18) Benzo(a)anthracene     | 21.78 | 228 | 10512  | 0.445  | ng/ul# | 89 |
| 19) Chrysene               | 21.84 | 228 | 11212  | 0.457  | ng/ul# | 90 |
| 21) Benzo(b)fluoranthene   | 23.62 | 252 | 24668m | 0.886  | ng/ul  |    |
| 22) Benzo(k)fluoranthene   | 23.65 | 252 | 6035m  | 0.237  | ng/ul  |    |
| 23) Benzo(a)pyrene         | 24.31 | 252 | 6682   | 0.269  | ng/ul  | 92 |
| 24) Indeno(1,2,3-cd)pyrene | 27.24 | 276 | 8720   | 0.320  | ng/ul# | 75 |
| 25) Dibenzo(a,h)anthracene | 27.25 | 278 | 1992   | 0.089  | ng/ul# | 69 |
| 26) Benzo(g,h,i)perylene   | 28.11 | 276 | 9271   | 0.402  | ng/ul  | 95 |

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