

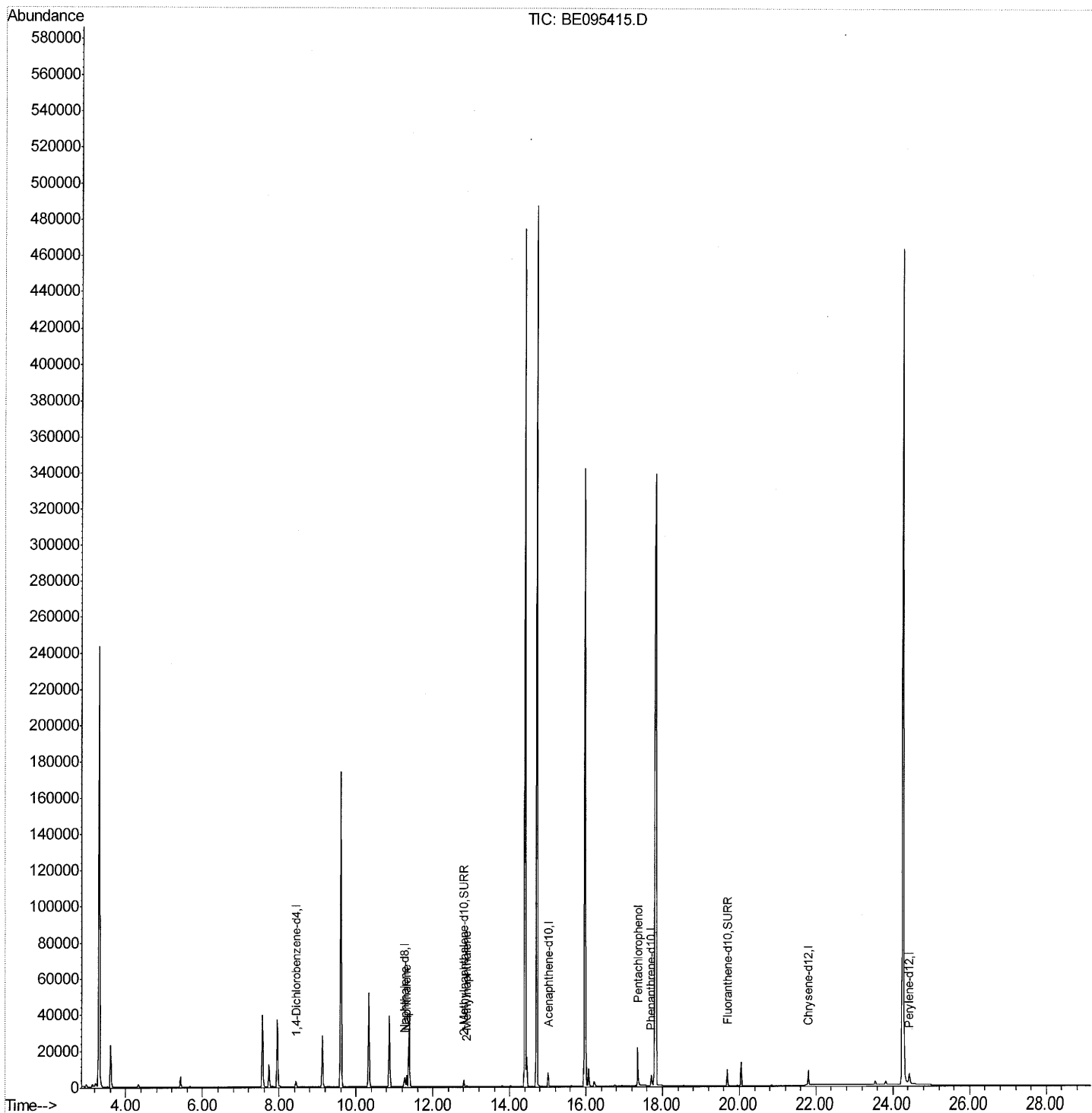
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020218\  
Data File : BE095415.D  
Acq On : 3 Feb 2018 1:55  
Operator : SJ/JU  
Sample : J1296-02  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampled :  
F6C20

Manual Integrations  
APPROVED

Sohil  
2/5/2018 5:48:37 PM

Quant Time: Feb 03 05:48:55 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Feb 03 05:26:35 2018  
Response via : Initial Calibration



# Quantitation Report (Qedit)

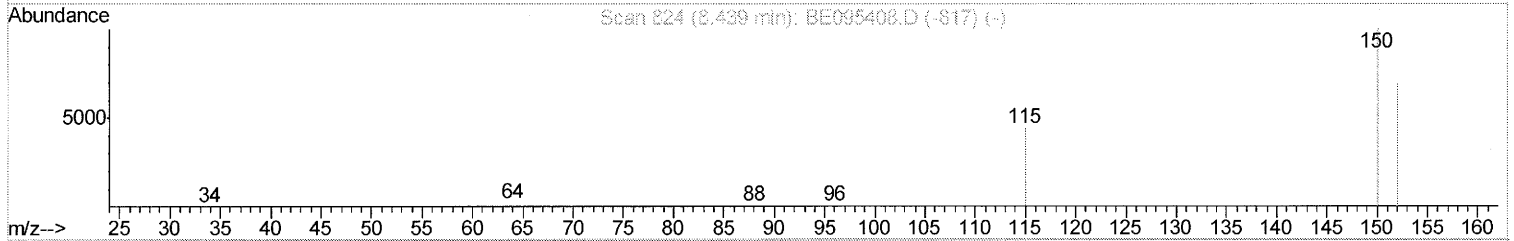
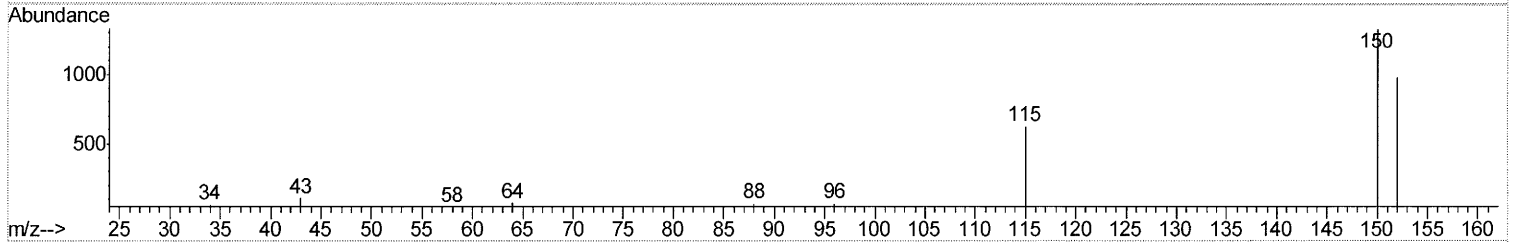
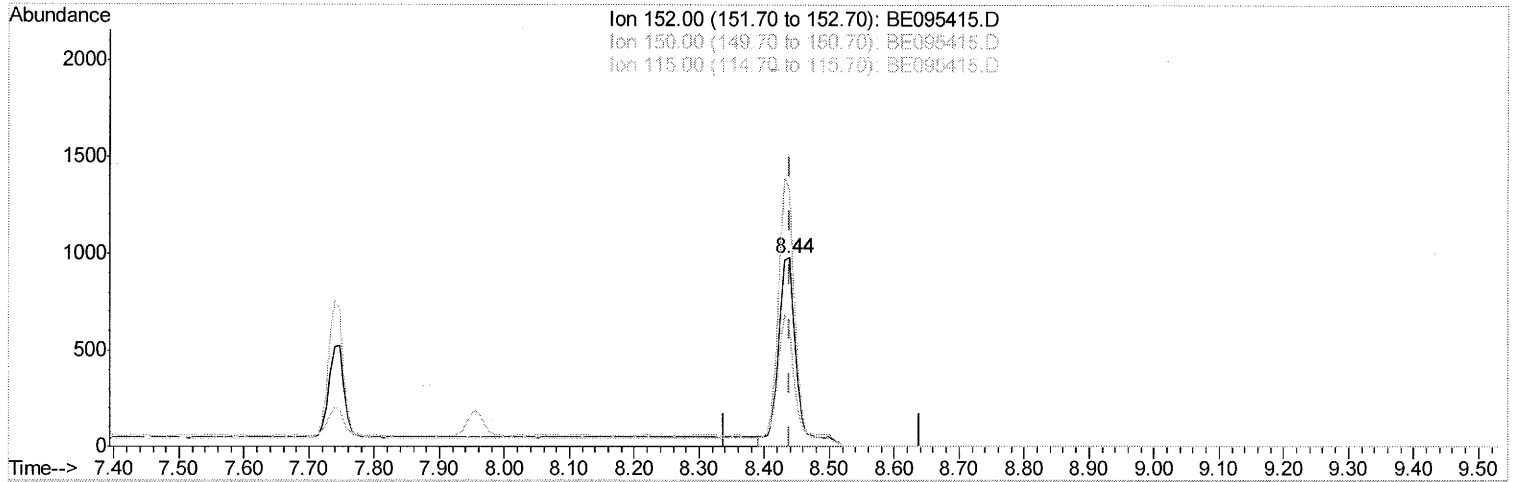
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020218\  
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Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6C20

Manual Integrations  
 APPROVED

Sohil  
 2/5/2018 5:48:37 PM

Quant Time: Feb 03 05:28:08 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 03 05:26:35 2018  
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TIC: BE095415.D

(1) 1,4-Dichlorobenzene-d4 (I)

8.438min (-0.001) 0.40ng/ul

response 2097

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100    | 100    |
| 150.00 | 143.40 | 135.75 |
| 115.00 | 64.90  | 63.64  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

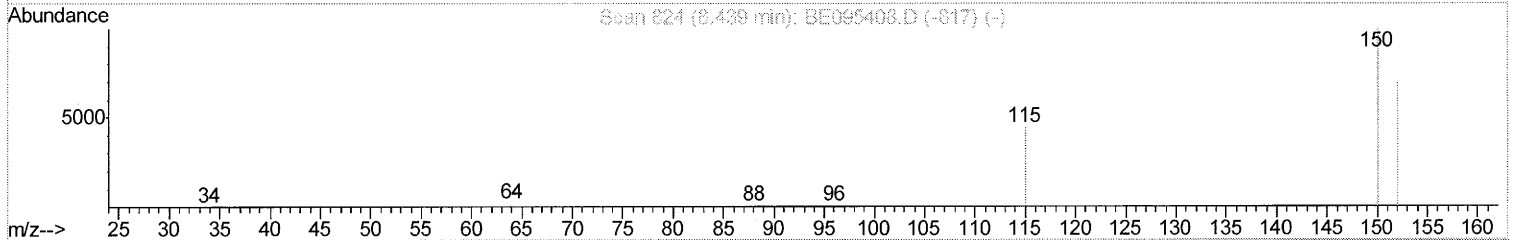
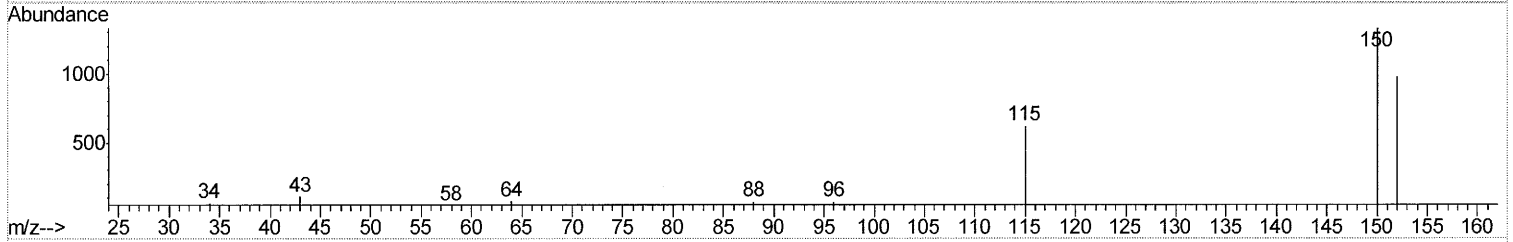
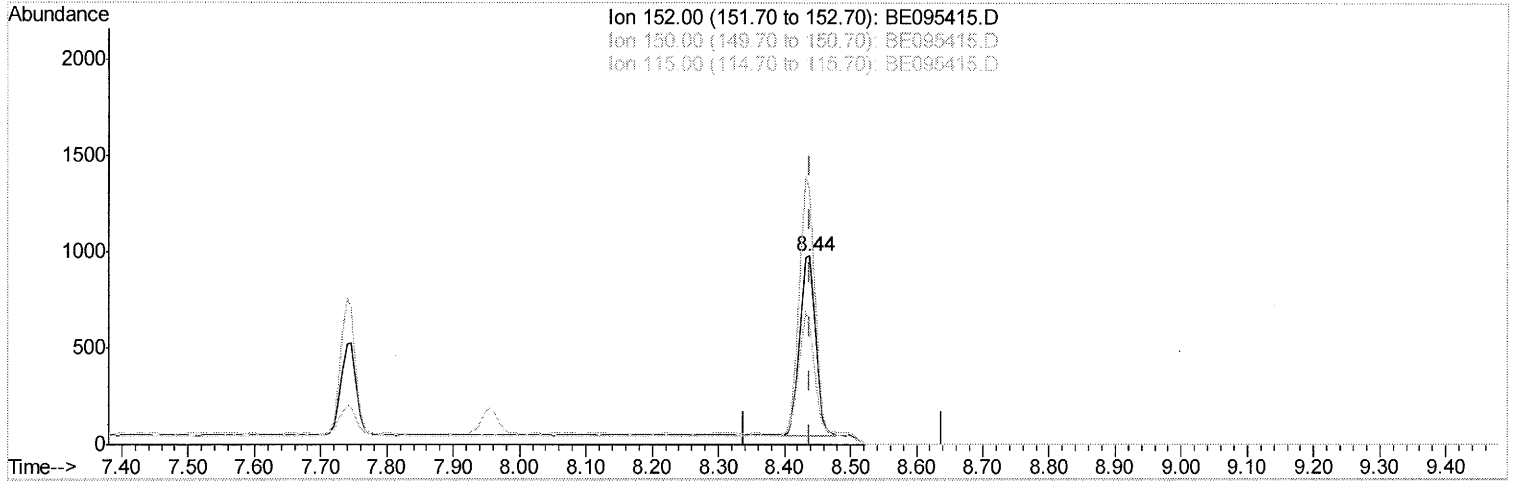
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020218\  
 Data File : BE095415.D  
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 Operator : SJ/JU  
 Sample : J1296-02  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6C20

Manual Integrations  
 APPROVED

Sohil  
 2/5/2018 5:48:37 PM

Quant Time: Feb 03 05:28:08 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
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TIC: BE095415.D

(1) 1,4-Dichlorobenzene-d4 (I)

8.438min (-0.001) 0.40ng/ul m

response 1557

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 152.00 | 100    | 100    |
| 150.00 | 143.40 | 135.75 |
| 115.00 | 64.90  | 63.64  |
| 0.00   | 0.00   | 0.00   |

*SJ 2/7/18*

## Quantitation Report (Qedit)

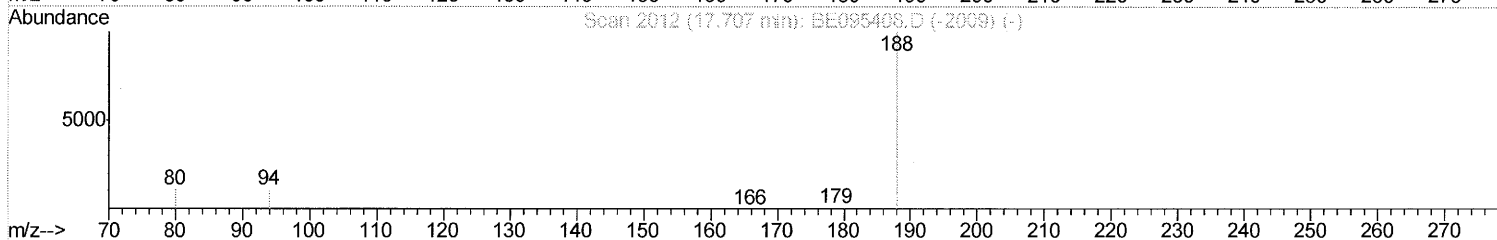
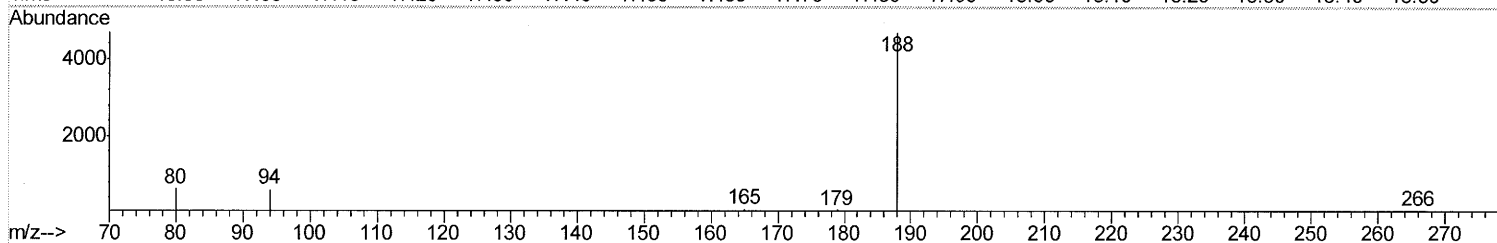
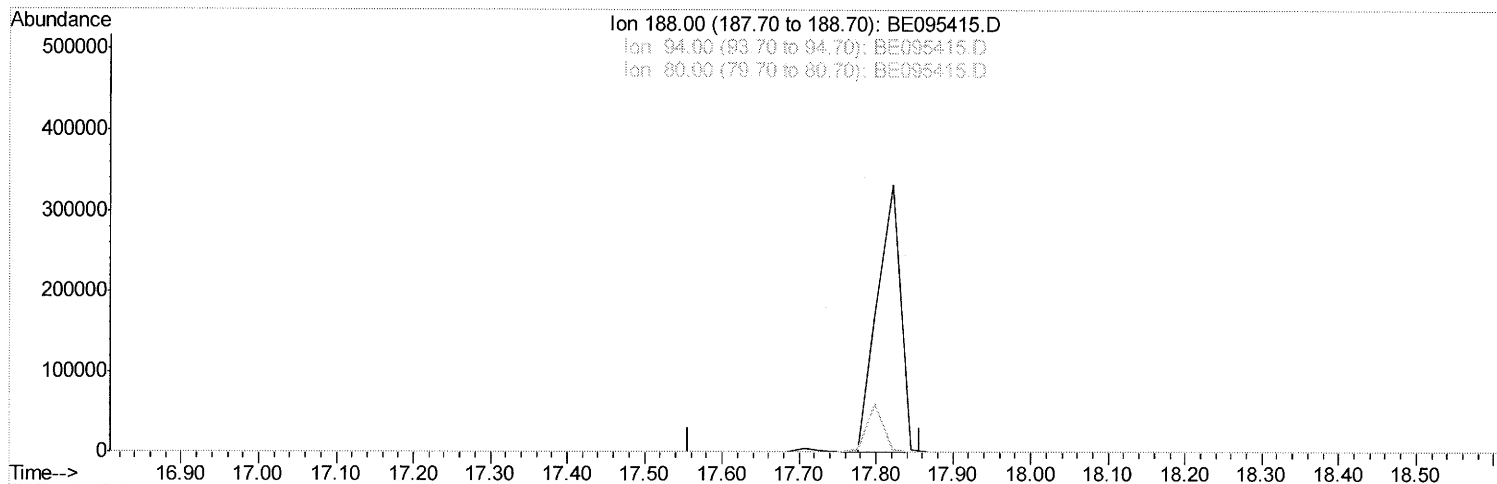
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020218\  
Data File : BE095415.D  
Acq On : 3 Feb 2018 1:55  
Operator : SJ/JU  
Sample : J1296-02  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
F6C20

Manual Integrations  
APPROVED

Sohil  
2/5/2018 5:48:37 PM

Quant Time: Feb 03 05:47:19 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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TIC: BE095415.D

(10) Phenanthrene-d10 (I)

17.707min (-17.707) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 0.00  |
| 94.00  | 11.00 | 0.00# |
| 80.00  | 11.80 | 0.00# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

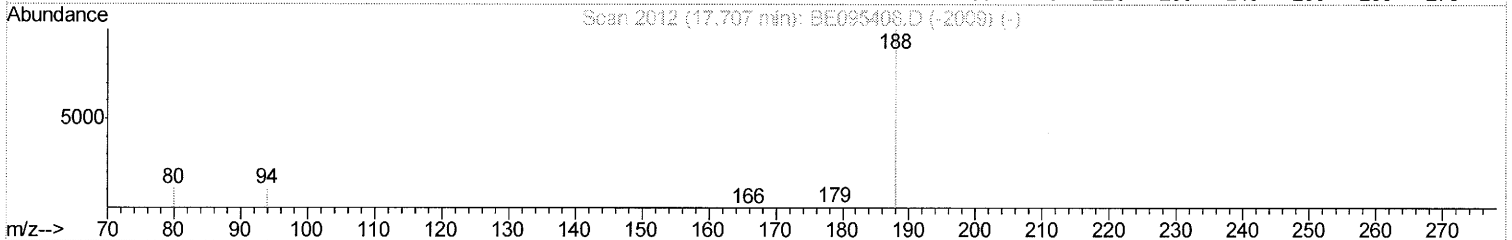
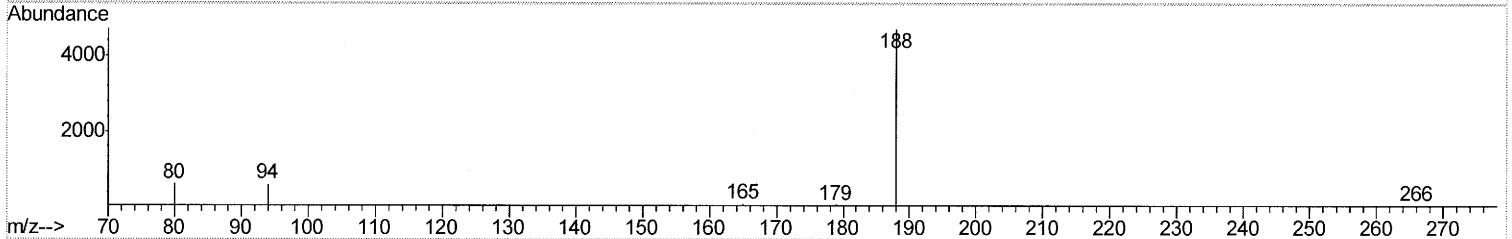
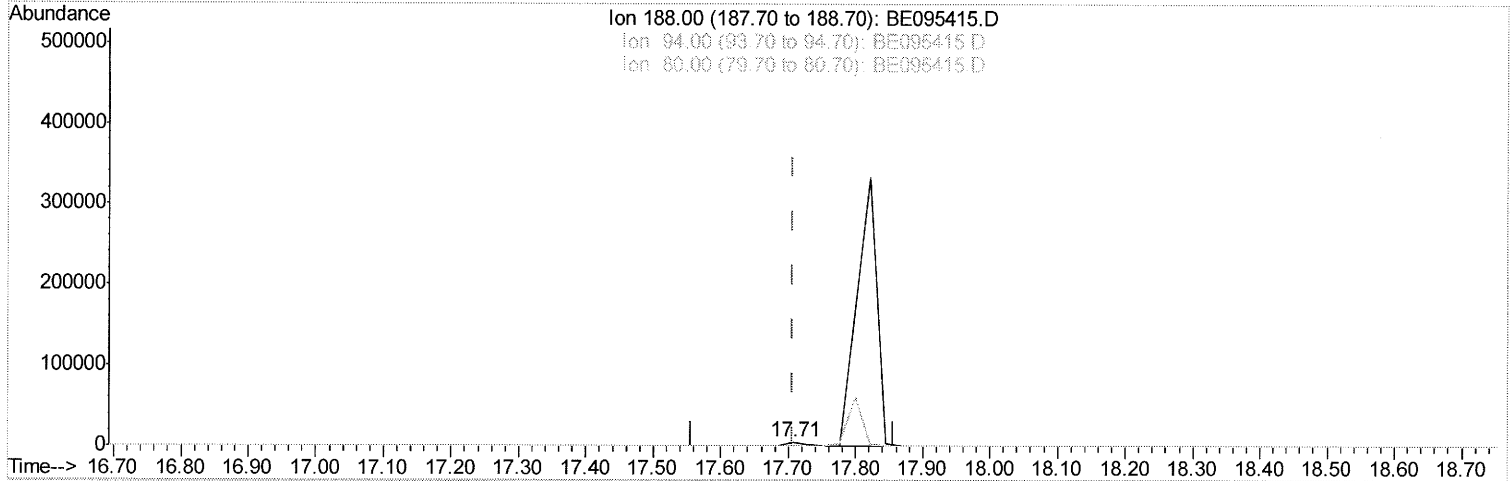
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020218\  
 Data File : BE095415.D  
 Acq On : 3 Feb 2018 1:55  
 Operator : SJ/JU  
 Sample : J1296-02  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6C20

Manual Integrations  
 APPROVED

Sohil  
 2/5/2018 5:48:37 PM

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TIC: BE095415.D

(10) Phenanthrene-d10 (I)

17.707min (-0.001) 0.40ng/ul m

response 8391

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 12.86 |
| 80.00  | 11.80 | 13.14 |
| 0.00   | 0.00  | 0.00  |

*SJ 2/7/18*

# Quantitation Report (Qedit)

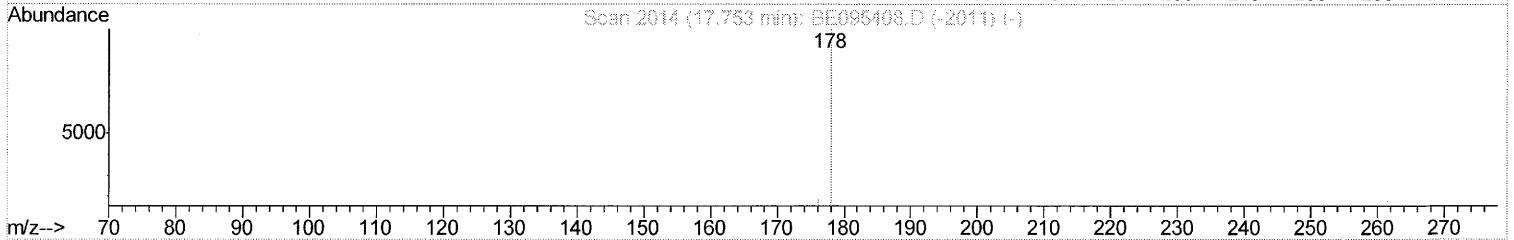
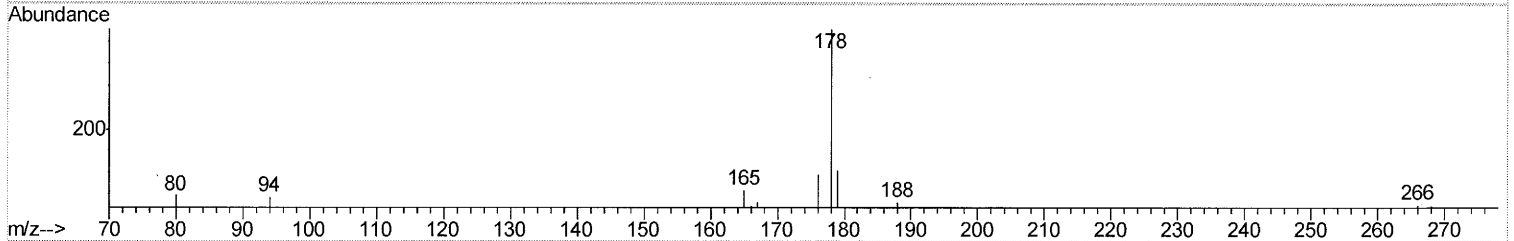
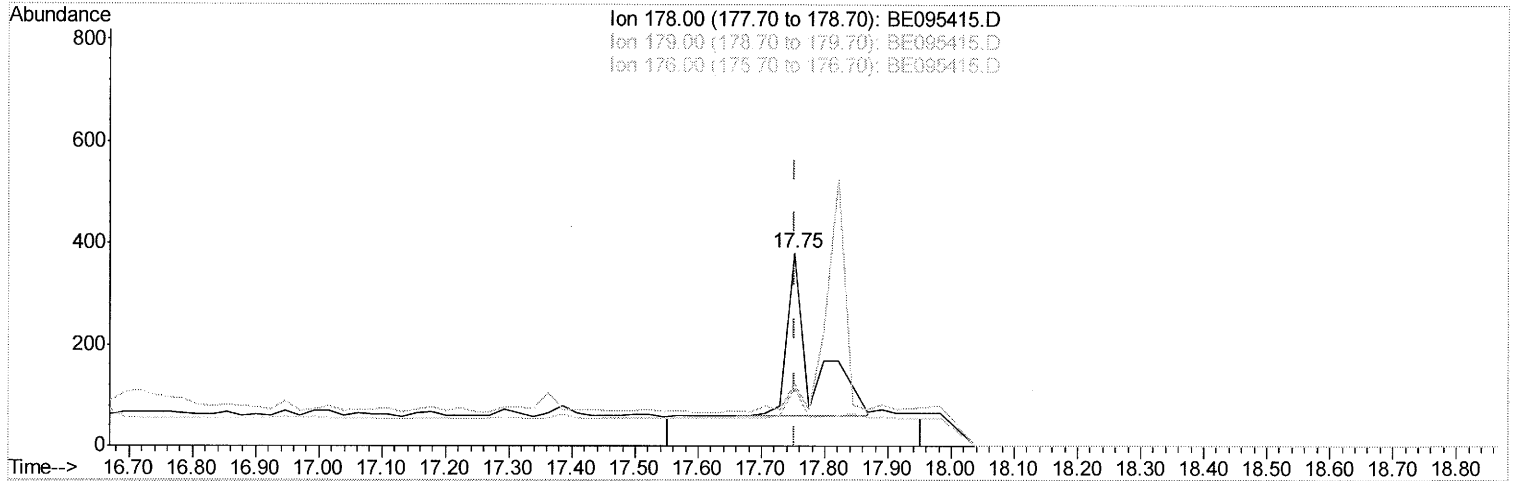
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020218\  
 Data File : BE095415.D  
 Acq On : 3 Feb 2018 1:55  
 Operator : SJ/JU  
 Sample : J1296-02  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6C20

Manual Integrations  
 APPROVED

Sohil  
 2/5/2018 5:48:37 PM

Quant Time: Feb 03 05:47:55 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration



TIC: BE095415.D

(12) Phenanthrene

17.753min (-0.001) 0.03ng/ul

response 899

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 31.94# |
| 176.00 | 17.00 | 30.37# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

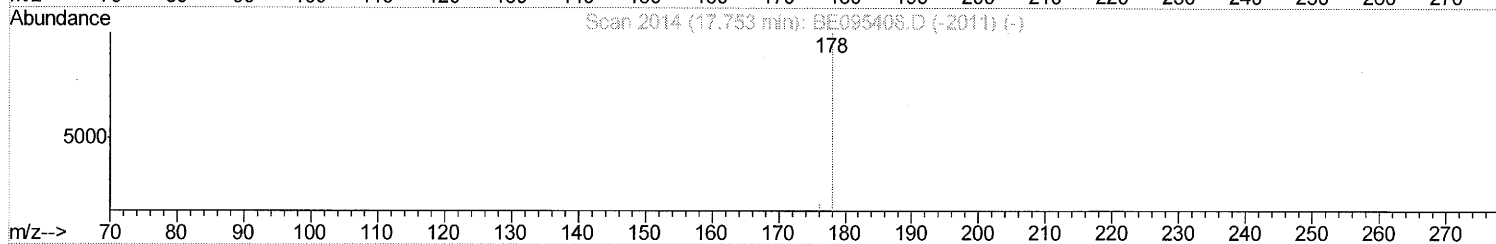
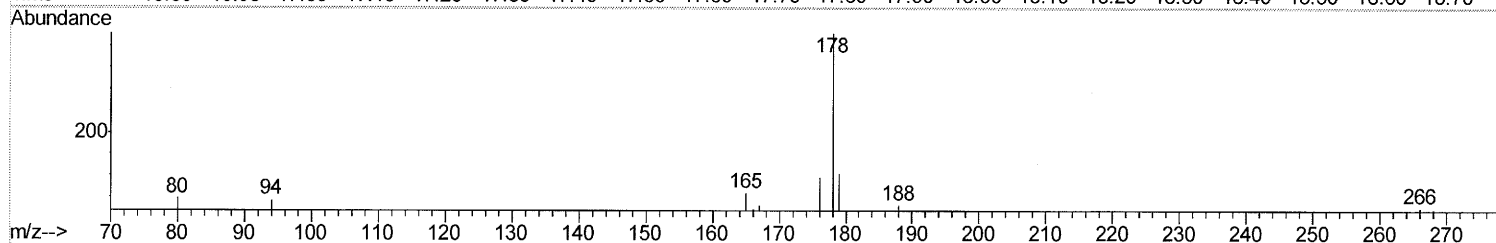
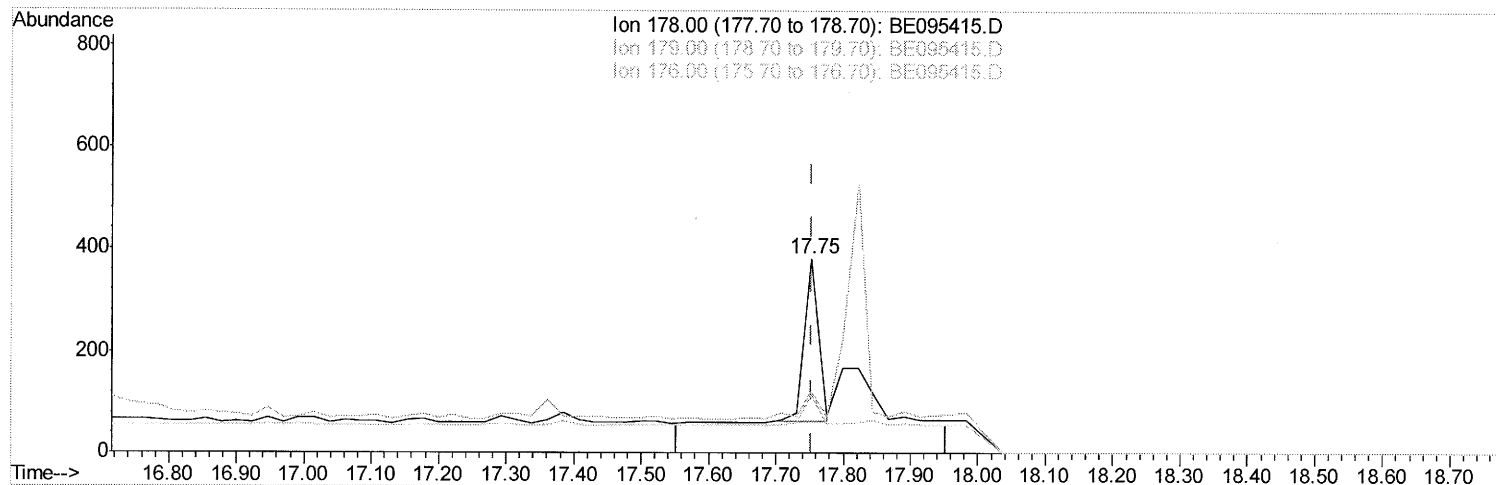
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020218\  
Data File : BE095415.D  
Acq On : 3 Feb 2018 1:55  
Operator : SJ/JU  
Sample : J1296-02  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampled :  
F6C20

Manual Integrations  
APPROVED

Sohil  
2/5/2018 5:48:37 PM

Quant Time: Feb 03 05:47:55 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration



TIC: BE095415.D

(12) Phenanthrene

17.753min (-0.001) 0.02ng/ul m

SJ 2/7/18

response 485

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 31.94# |
| 176.00 | 17.00 | 30.37# |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

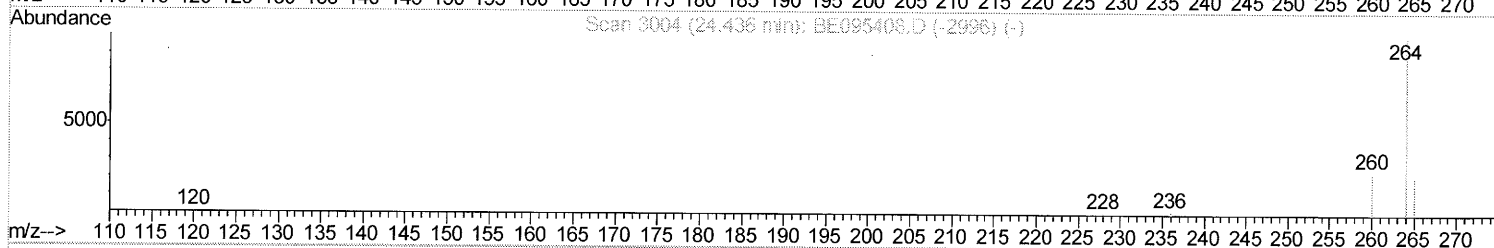
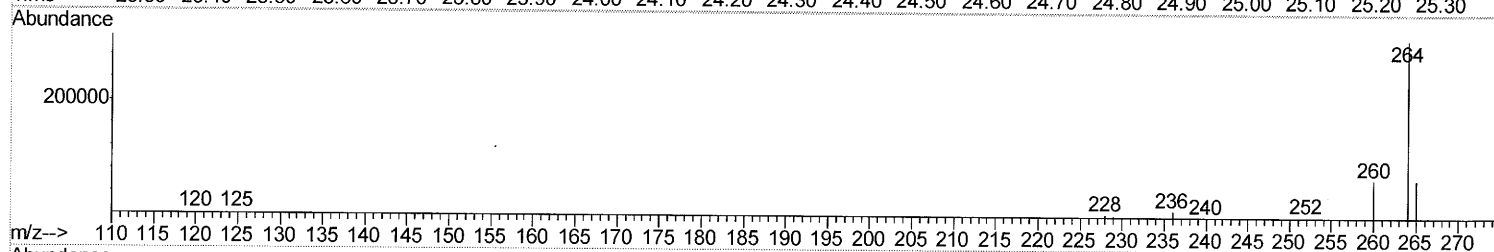
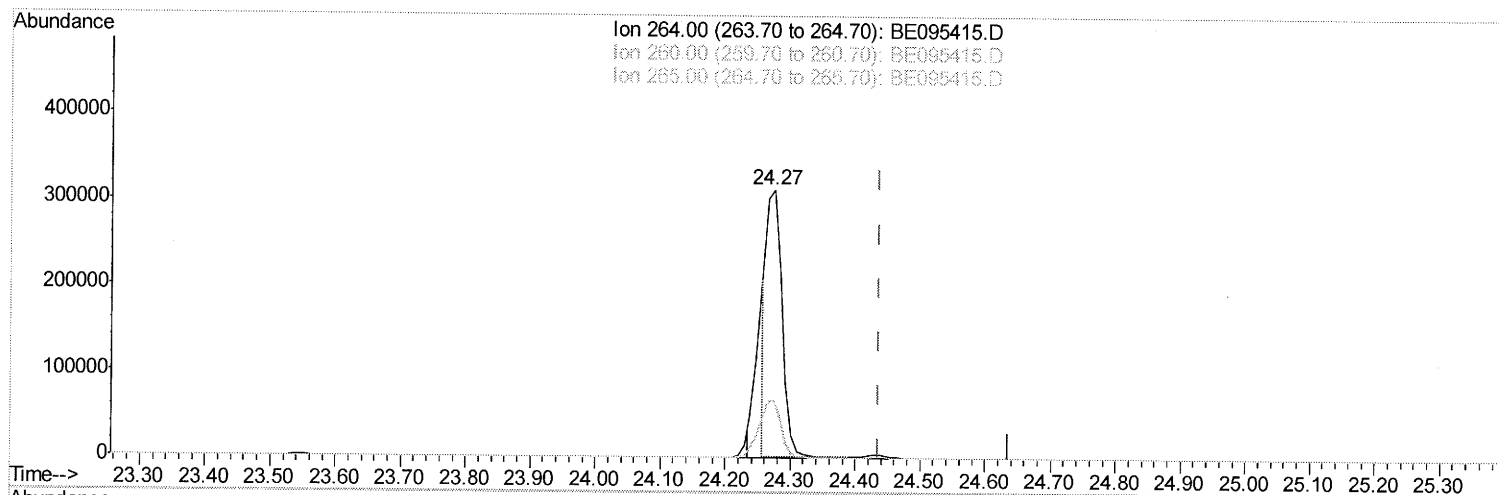
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020218\  
Data File : BE095415.D  
Acq On : 3 Feb 2018 1:55  
Operator : SJ/JU  
Sample : J1296-02  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampled :  
F6C20

Manual Integrations  
APPROVED

Sohil  
2/5/2018 5:48:37 PM

Quant Time: Feb 03 05:47:55 2018  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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TIC: BE095415.D

(20) Perylene-d12 (I)

24.274min (-0.162) 0.40ng/ul

response 513222

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 21.18# |
| 265.00 | 103.50 | 21.53# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

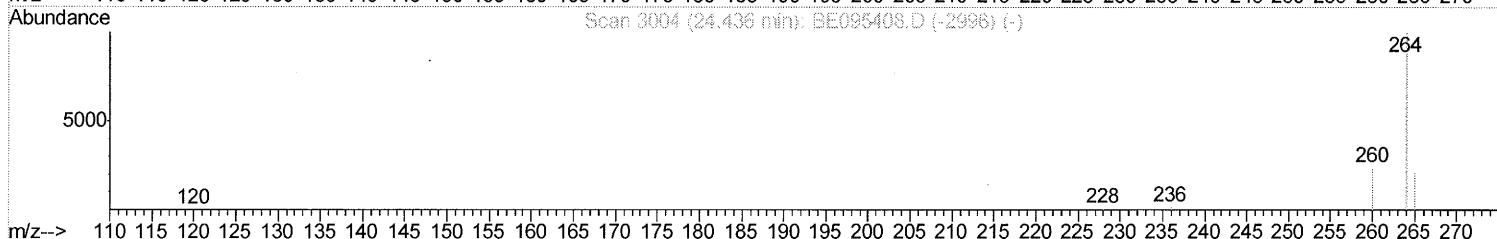
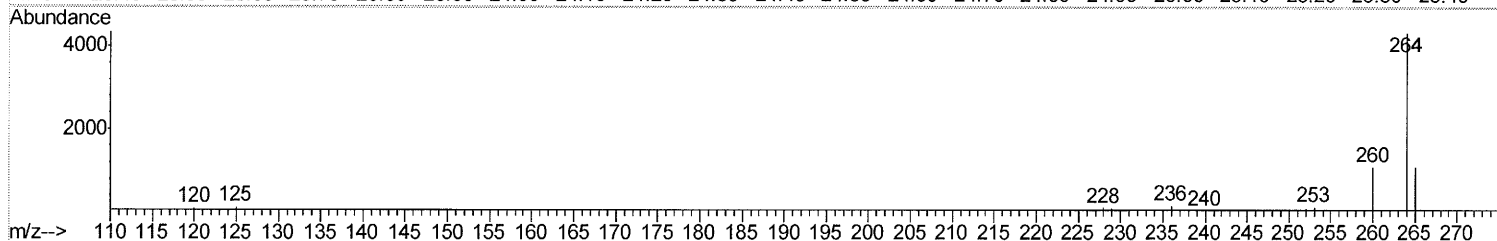
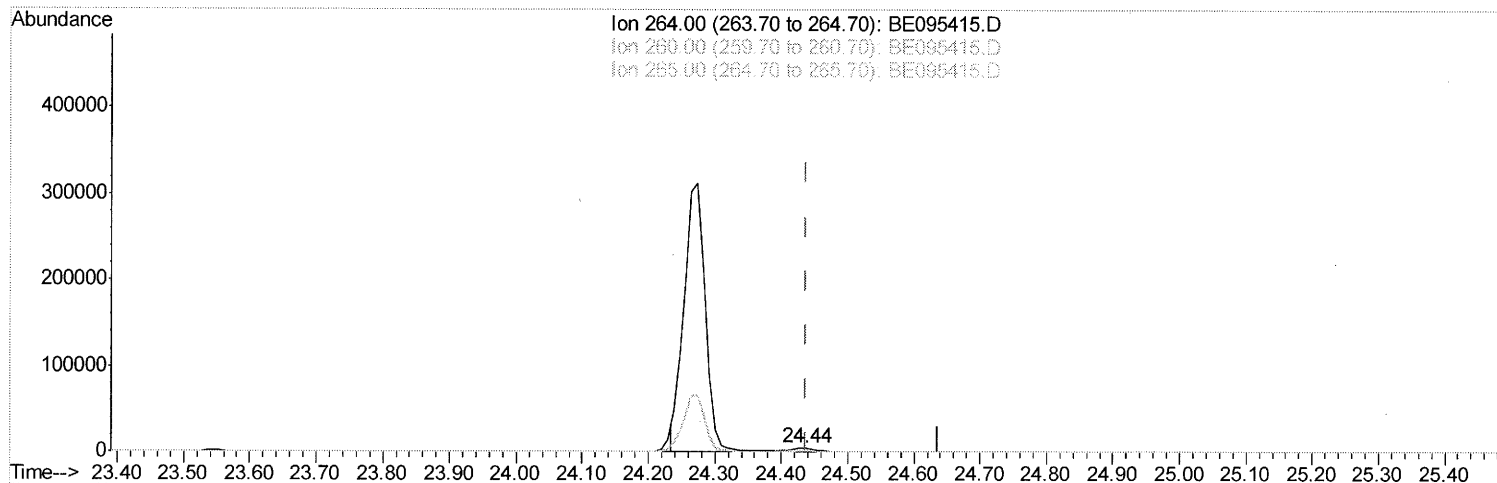
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020218\  
 Data File : BE095415.D  
 Acq On : 3 Feb 2018 1:55  
 Operator : SJ/JU  
 Sample : J1296-02  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampled :  
 F6C20

Manual Integrations  
 APPROVED

Sohil  
 2/5/2018 5:48:37 PM

Quant Time: Feb 03 05:47:55 2018  
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TIC: BE095415.D

(20) Perylene-d12 (I)

24.436min (-0.000) 0.40ng/ul m

response 7811

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 25.13  |
| 265.00 | 103.50 | 24.99# |
| 0.00   | 0.00   | 0.00   |

SJ 2/7/18

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020218\  
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 Operator : SJ/JU  
 Sample : J1296-02  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
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 ClientSampled :  
 F6C20

Manual Integrations  
 APPROVED

Sohil  
 2/5/2018 5:48:37 PM

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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.44  | 152  | 1557m    | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.26 | 136  | 6589     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.01 | 164  | 4327     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.71 | 188  | 8391m    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.80 | 240  | 8634     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.44 | 264  | 7811m    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.81 | 152  | 4466     | 0.42  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.69 | 212  | 10414    | 0.32  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 3) Naphthalene              | 11.31 | 128  | 8285     | 0.449 | ng/ul# | 90       |
| 5) 2-Methylnaphthalene      | 12.88 | 142  | 256      | 0.021 | ng/ul  | 94       |
| 11) Pentachlorophenol       | 17.36 | 266  | 12824    | 7.891 | ng/ul  | 97       |

SJ 2/7/18  
 SJ 2/7/18  
 SJ 2/7/18

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