

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE121817\  
 Data File : BE095020.D  
 Acq On : 18 Dec 2017 21:14  
 Operator : SJ/JU  
 Sample : I6900-07  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F9C06

Quant Time: Dec 20 15:37:47 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\SOM-EPA-SIM-BE121817.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 19 04:08:16 2017  
 Response via : Initial Calibration

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| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.47  | 152  | 4747     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.29 | 136  | 16999    | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.05 | 164  | 10271    | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.75 | 188  | 22106m   | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.84 | 240  | 22303    | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.50 | 264  | 18841m   | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.85 | 152  | 8483     | 0.30  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.73 | 212  | 23186    | 0.33  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 3) Naphthalene              | 11.34 | 128  | 4588     | 0.102 | ng/ul# | 91       |
| 7) Acenaphthylene           | 14.77 | 152  | 5416     | 0.115 | ng/ul  | 98       |
| 8) Acenaphthene             | 15.11 | 153  | 41485    | 1.150 | ng/ul  | 94       |
| 9) Fluorene                 | 16.07 | 166  | 33924    | 0.846 | ng/ul  | 90       |
| 12) Phenanthrene            | 17.78 | 178  | 71267m   | 1.224 | ng/ul  |          |
| 13) Anthracene              | 17.85 | 178  | 4865m    | 0.088 | ng/ul  |          |
| 15) Fluoranthene            | 19.76 | 202  | 61229    | 0.807 | ng/ul  | 83       |
| 17) Pyrene                  | 20.11 | 202  | 13508    | 0.174 | ng/ul# | 90       |

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

# Quantitation Report (QT Reviewed)

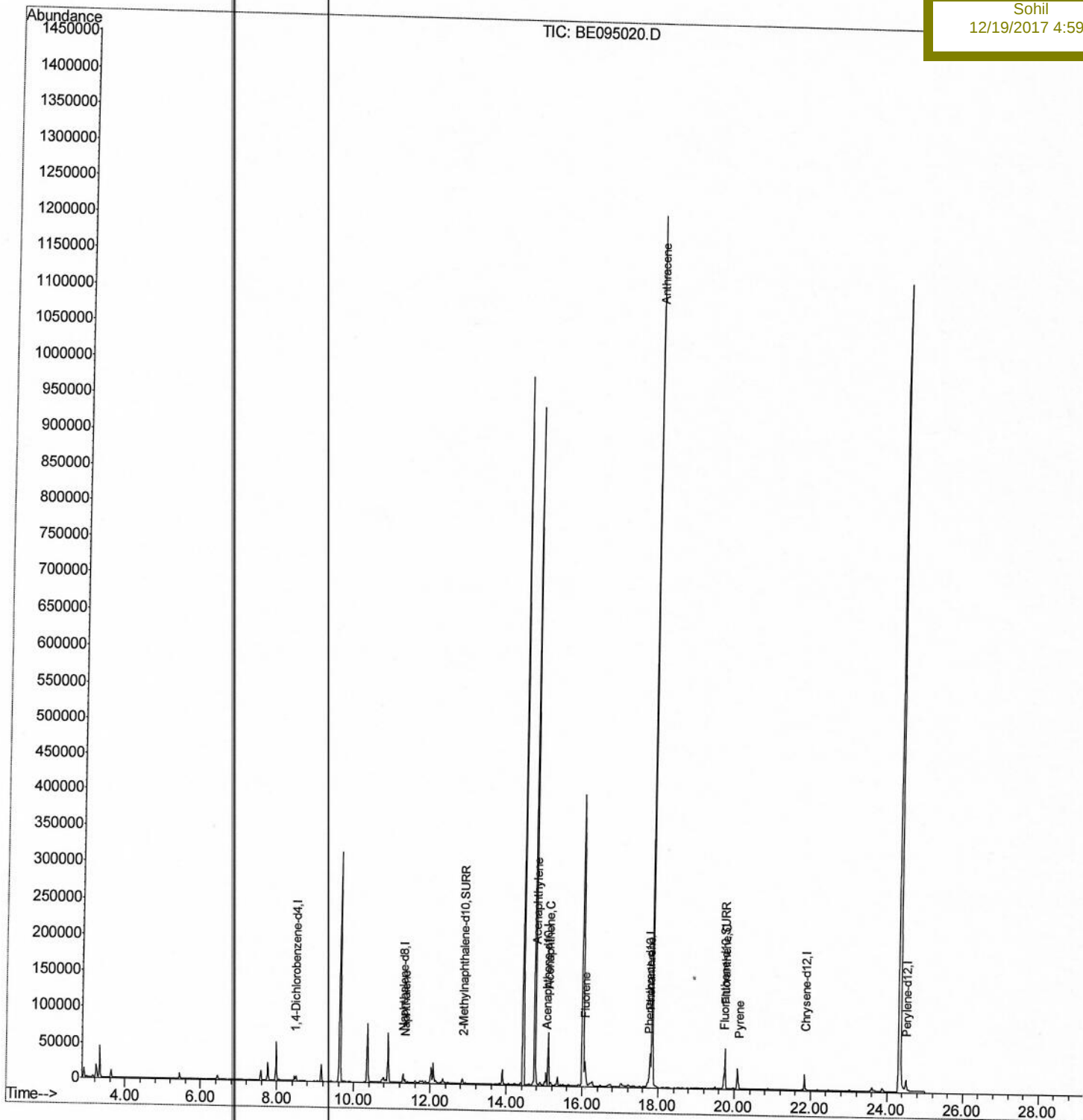
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# Quantitation Report (Qedit)

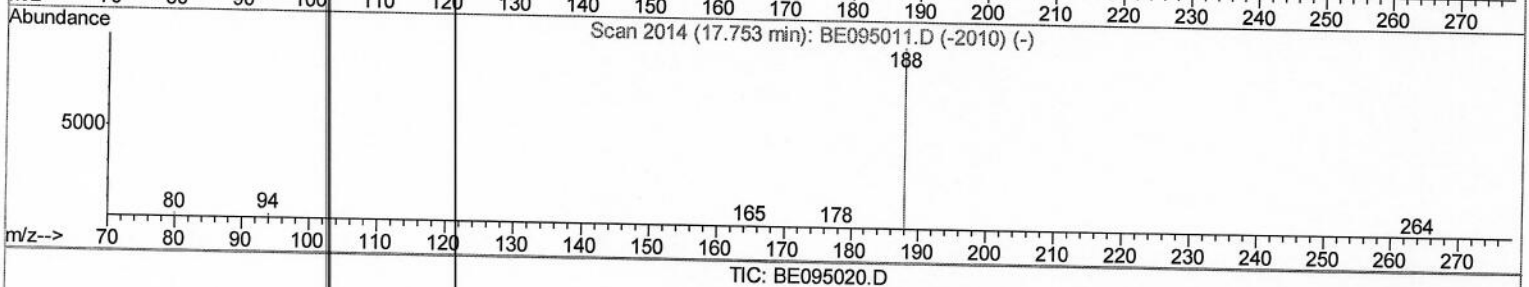
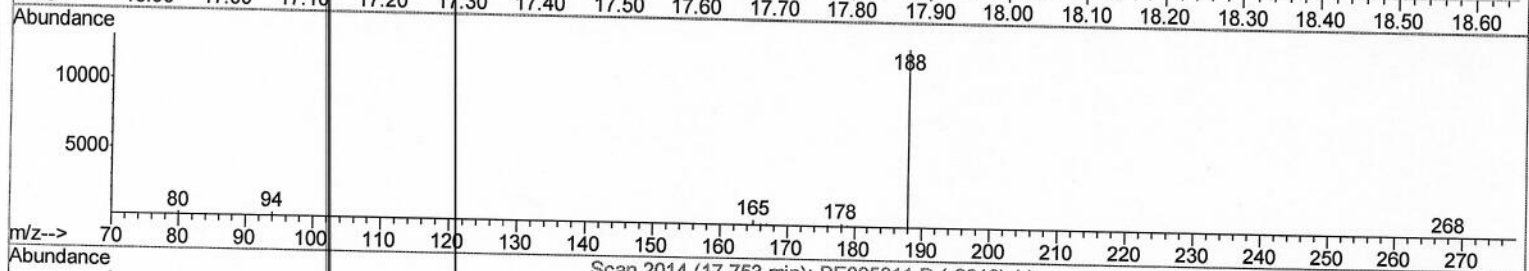
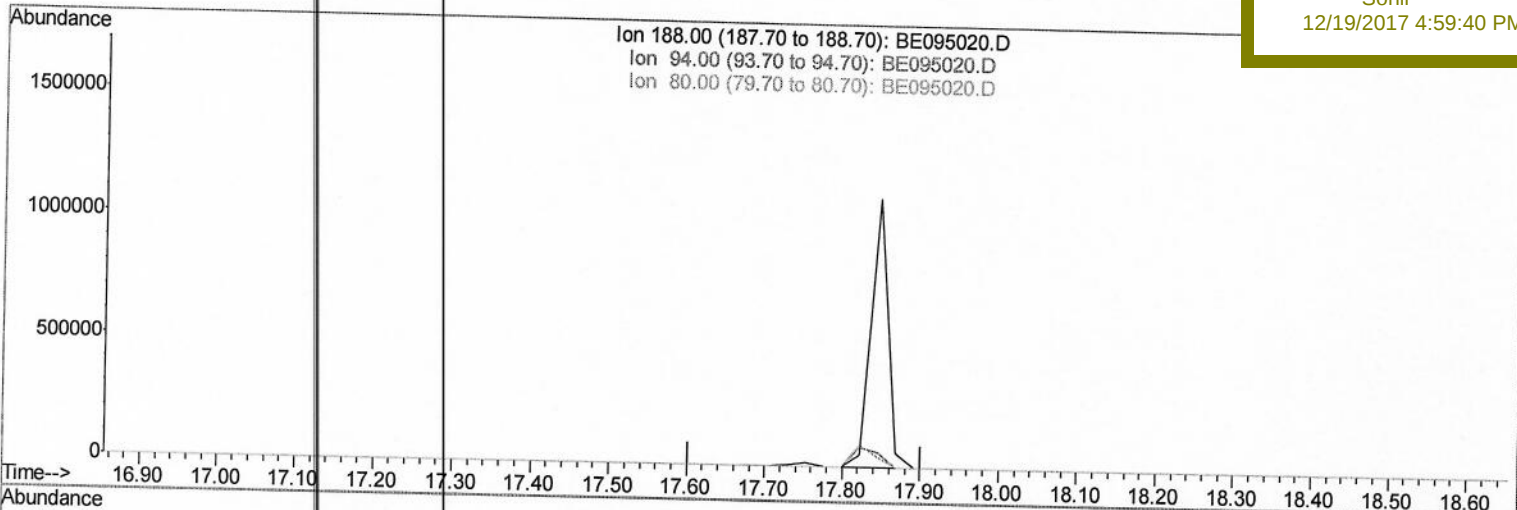
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Quant Time: Dec 19 04:22:17 2017  
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(10) Phenanthrene-d10 (I)

17.753min (-17.753) 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)

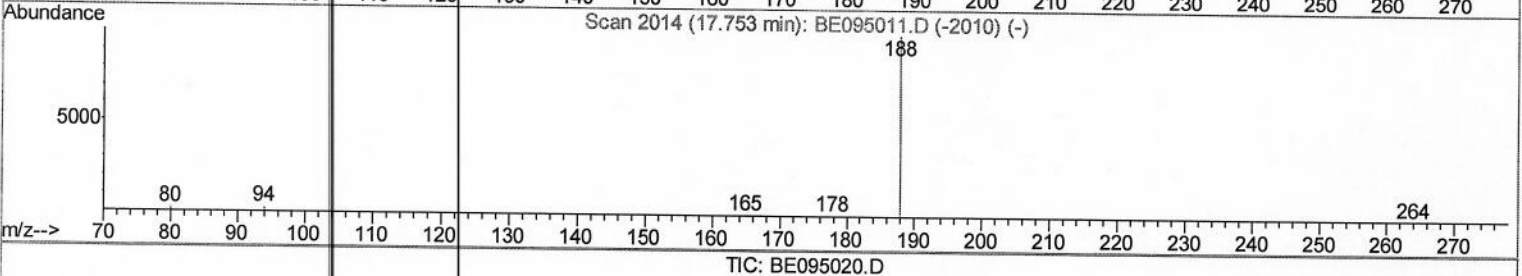
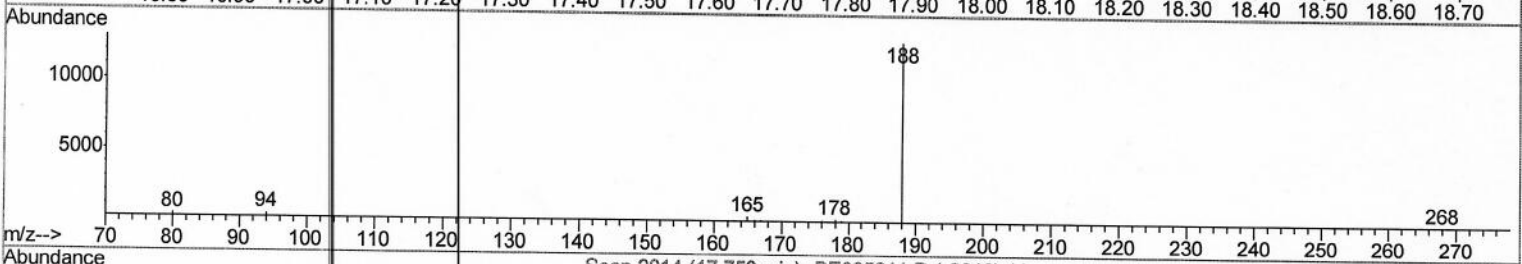
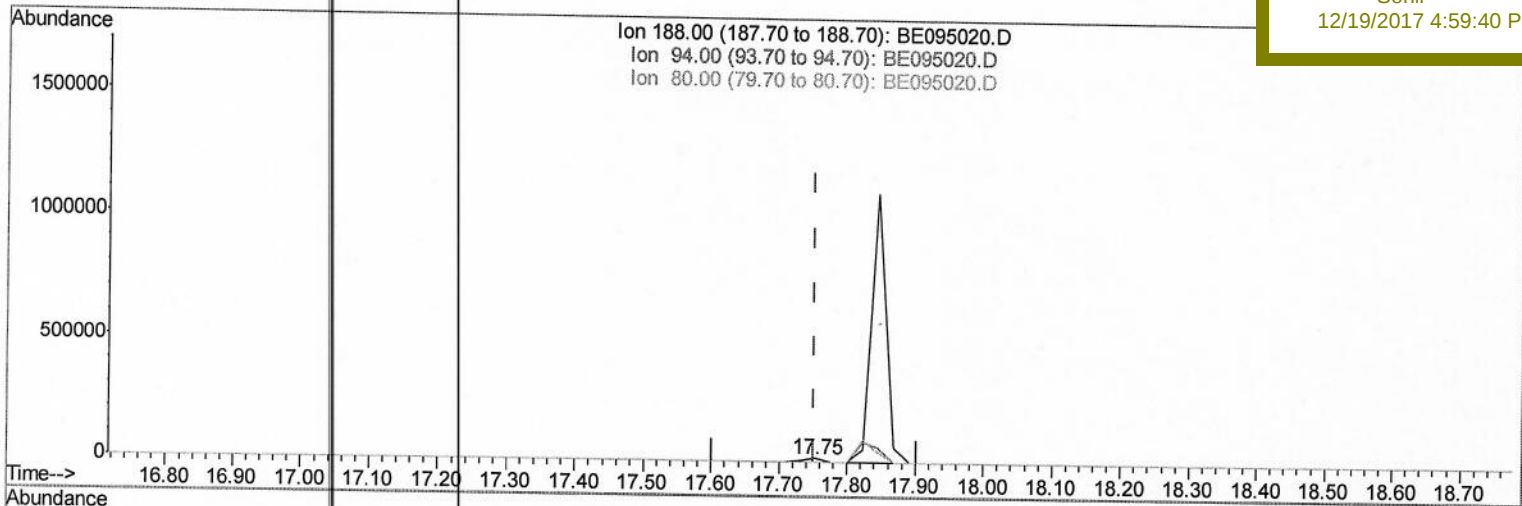
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(10) Phenanthrene-d10 (l)

17.753min (+0.001) 0.40ng/ul m

response 22106

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 2.62# |
| 80.00  | 11.80 | 2.28# |
| 0.00   | 0.00  | 0.00  |

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TIC: BE095020.D

# Quantitation Report (Qedit)

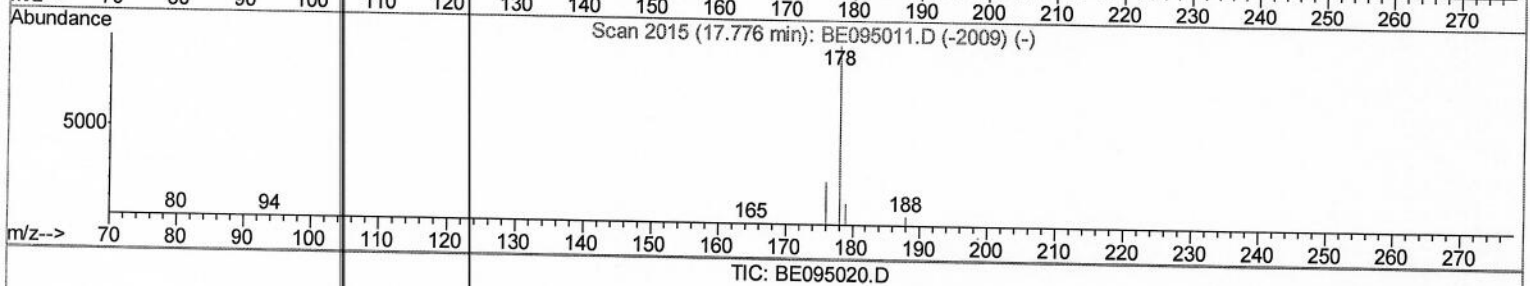
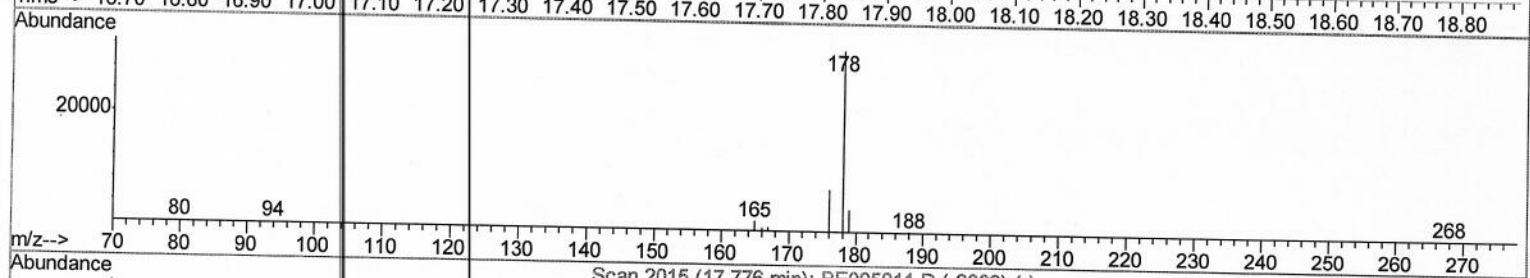
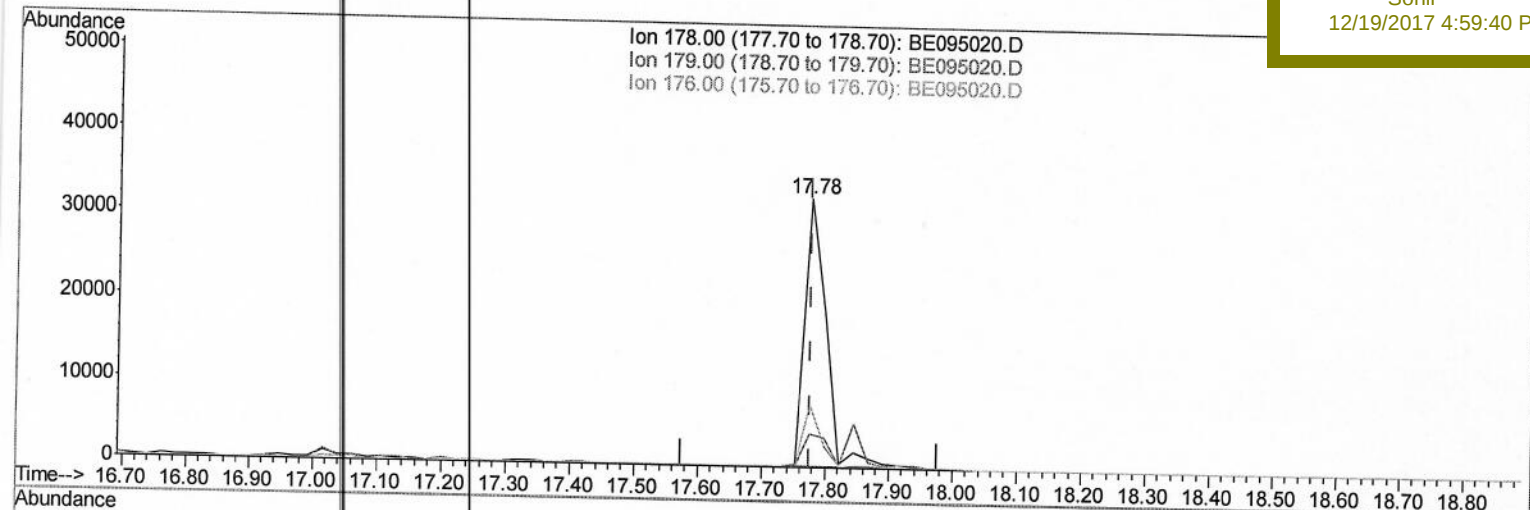
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(12) Phenanthrene

17.776min (+0.001) 1.30ng/ul

response 75858

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 12.77# |
| 176.00 | 17.00 | 23.70# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

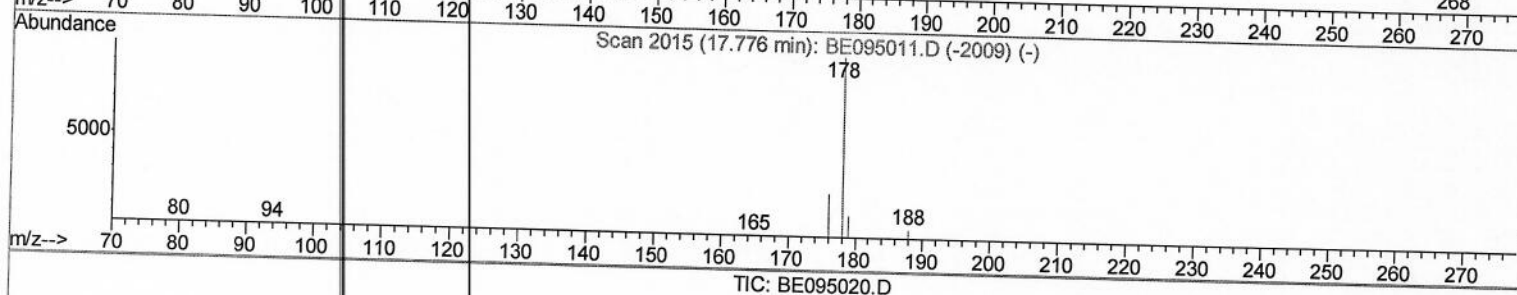
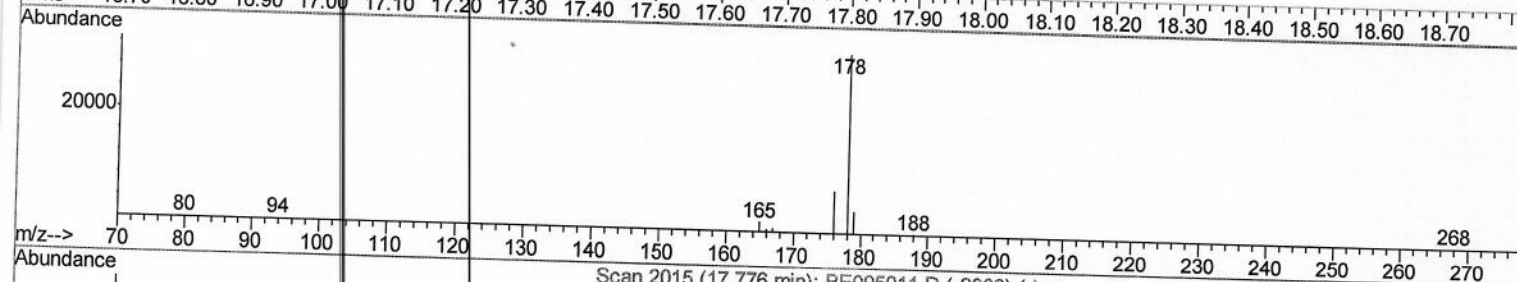
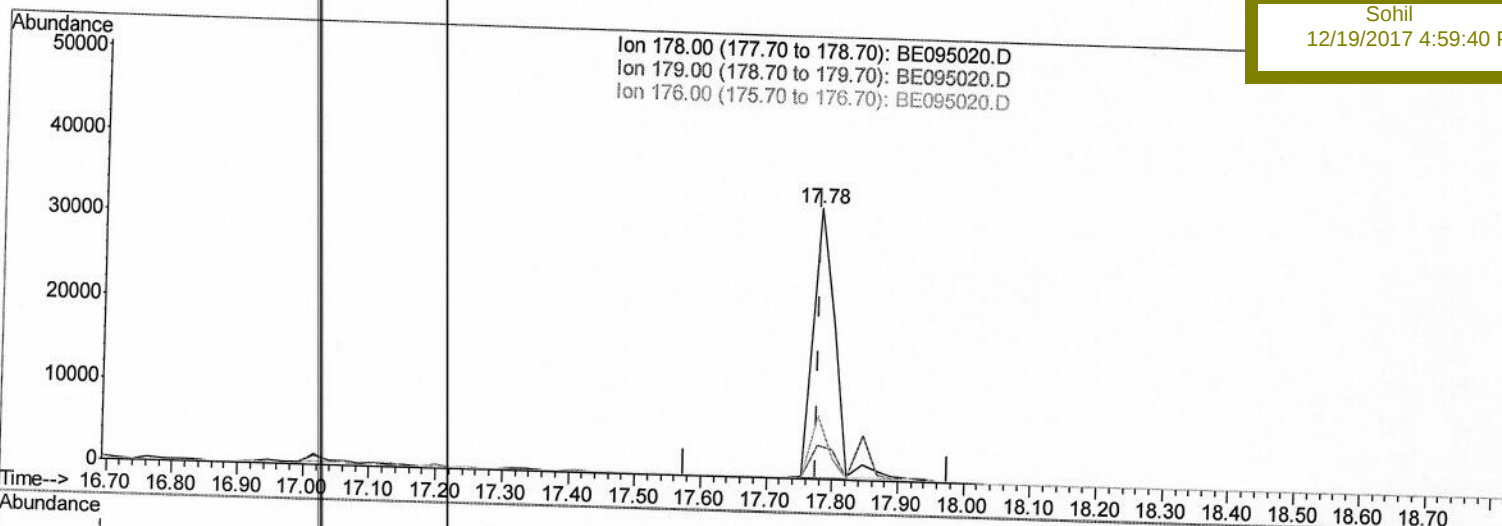
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 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_E  
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TIC: BE095020.D

(12) Phenanthrene

17.776min (+0.001) 1.22ng/ul m

response 71267

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 23.00 | 12.77# |
| 176.00 | 17.00 | 23.70# |
| 0.00   | 0.00  | 0.00   |

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# Quantitation Report (Qedit)

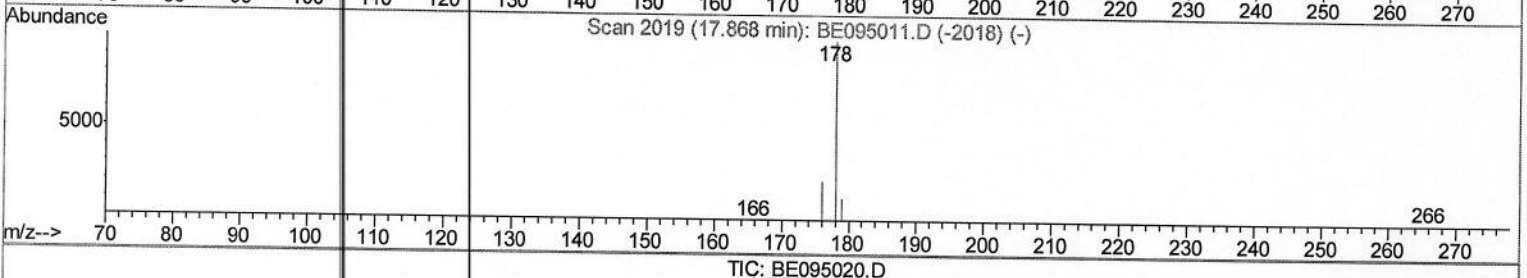
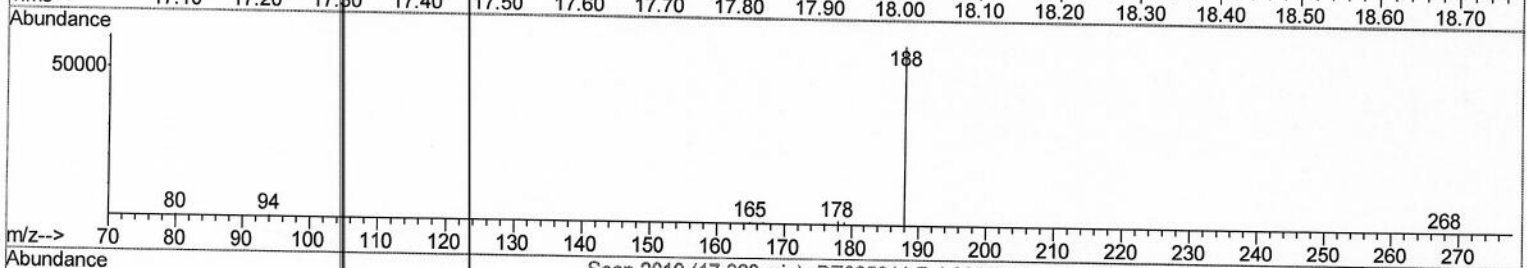
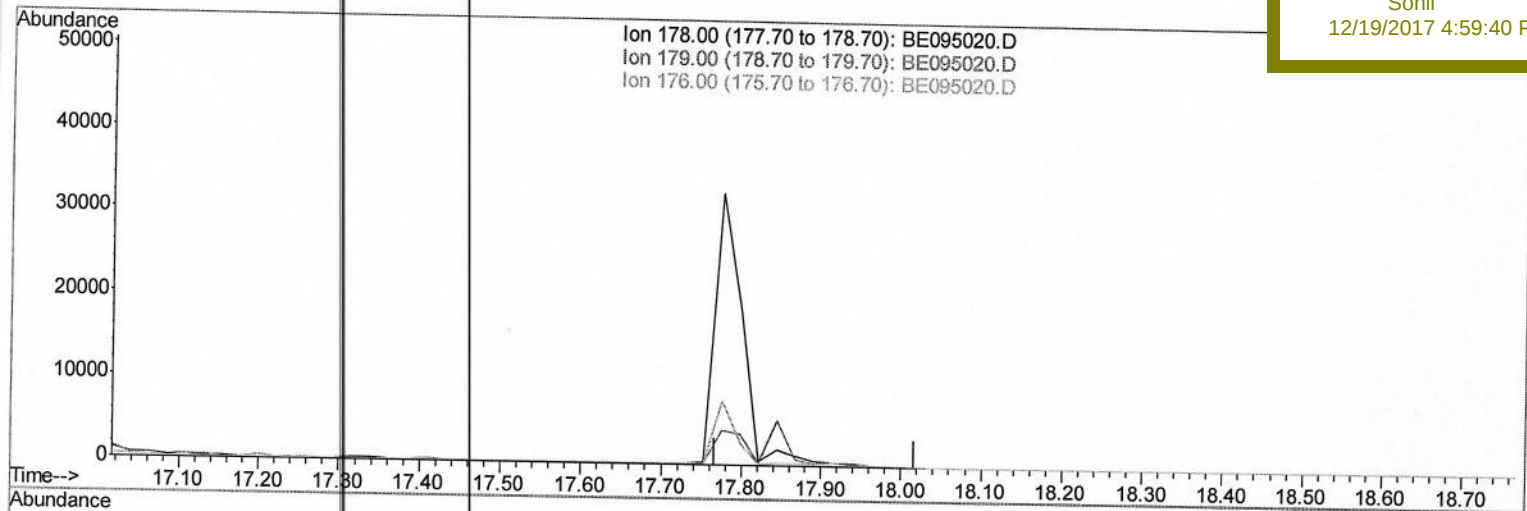
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| (13) Anthracene               |       |       |
|-------------------------------|-------|-------|
| 17.868min (-17.868) 0.00ng/ul |       |       |
| response 0                    |       |       |
| Ion                           | Exp%  | Act%  |
| 178.00                        | 100   | 0.00  |
| 179.00                        | 22.60 | 0.00# |
| 176.00                        | 18.40 | 0.00# |
| 0.00                          | 0.00  | 0.00  |

# Quantitation Report (Qedit)

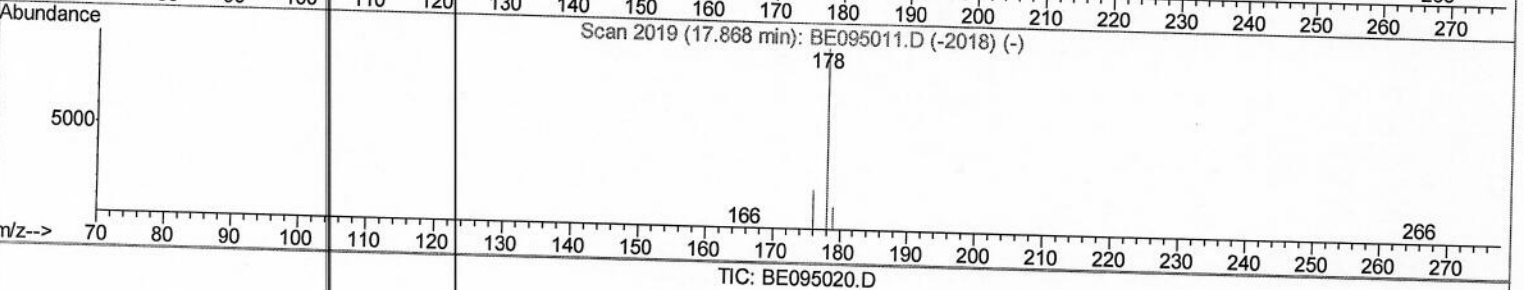
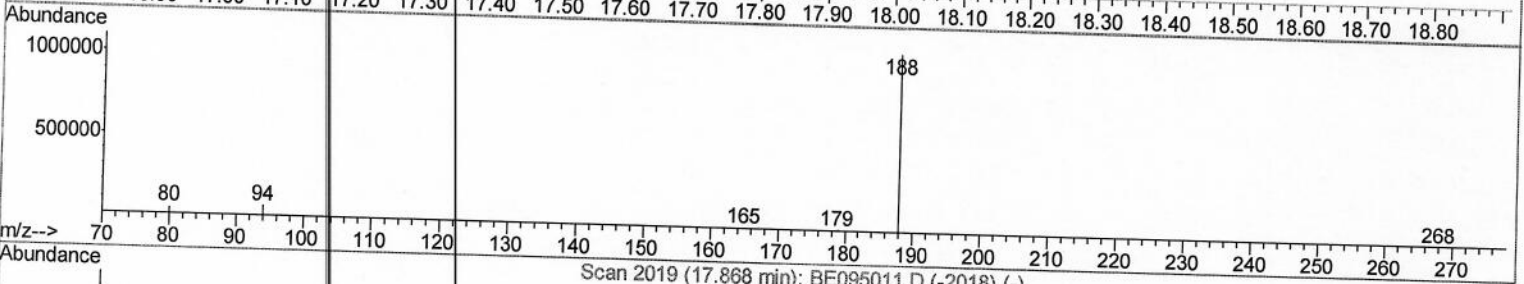
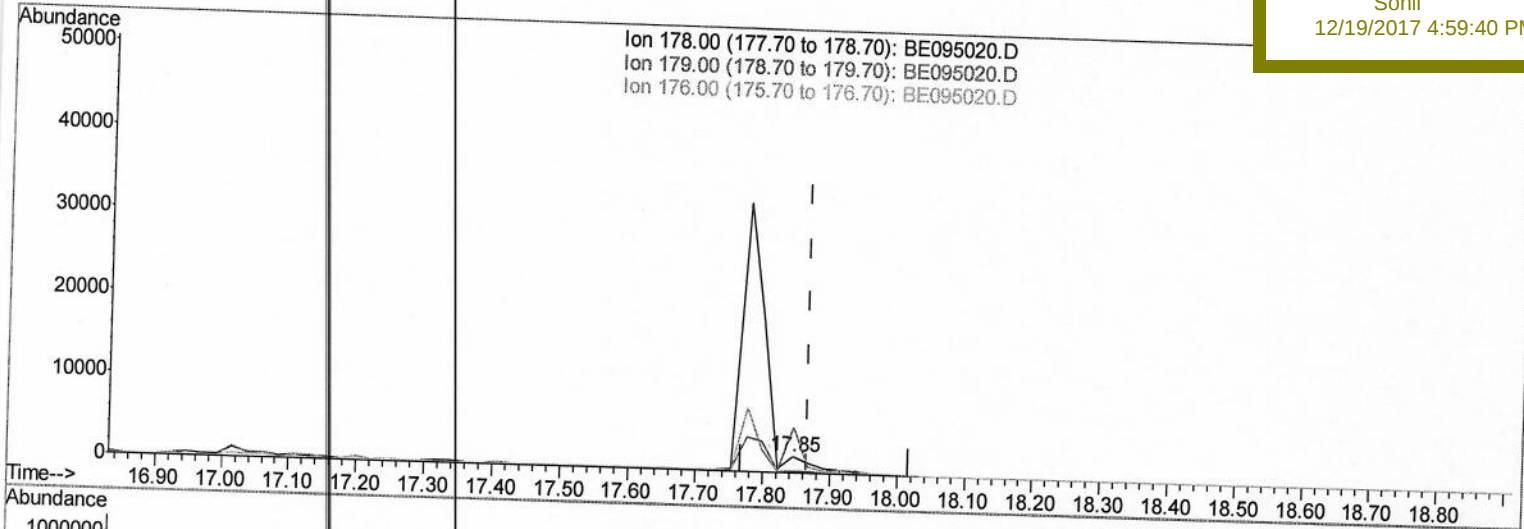
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(13) Anthracene

17.845min (-0.022) 0.09ng/ul m

response 4865

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 179.00 | 22.60 | 278.33# |
| 176.00 | 18.40 | 11.49#  |
| 0.00   | 0.00  | 0.00    |

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BNA\_E

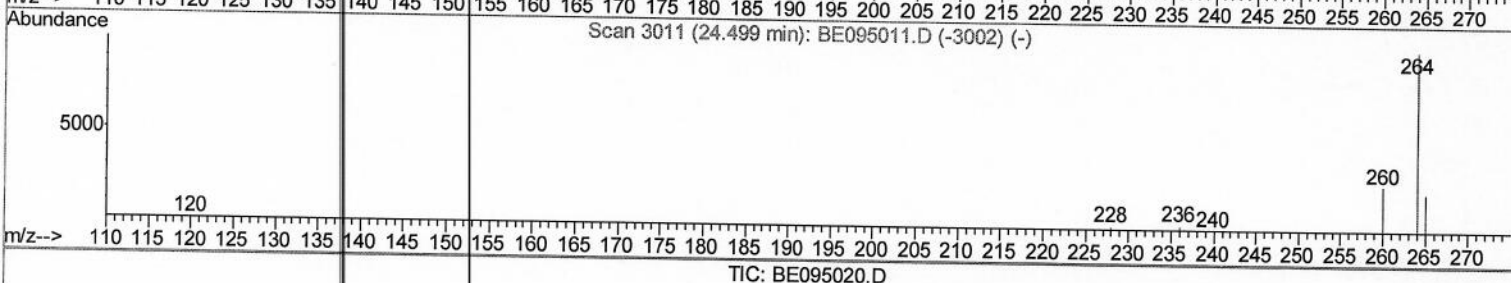
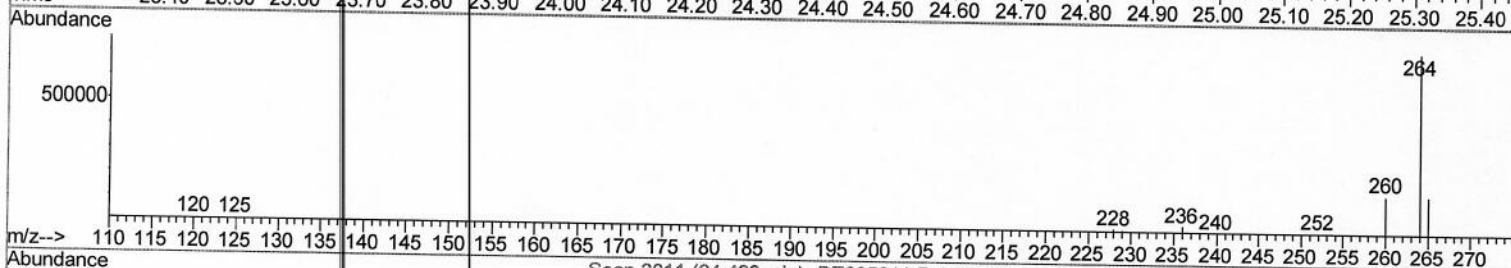
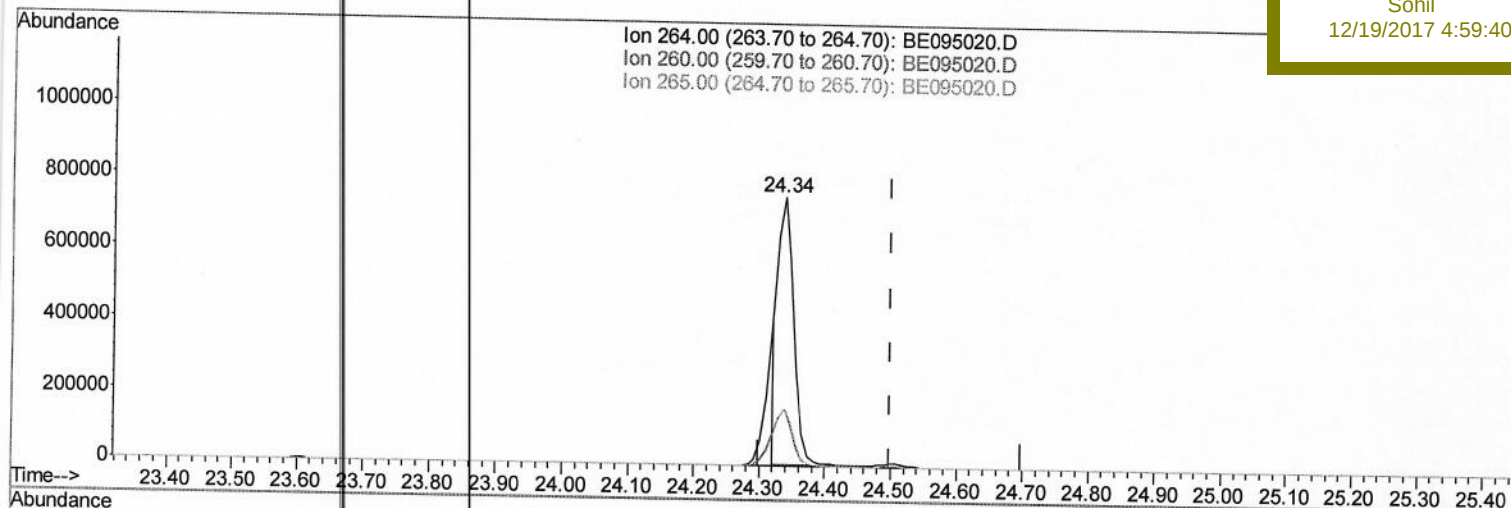
ClientSampleId :

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TIC: BE095020.D

(20) Perylene-d12 (I)

24.337min (-0.162) 0.40ng/ul

response 1284466

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 21.36# |
| 265.00 | 103.50 | 21.50# |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

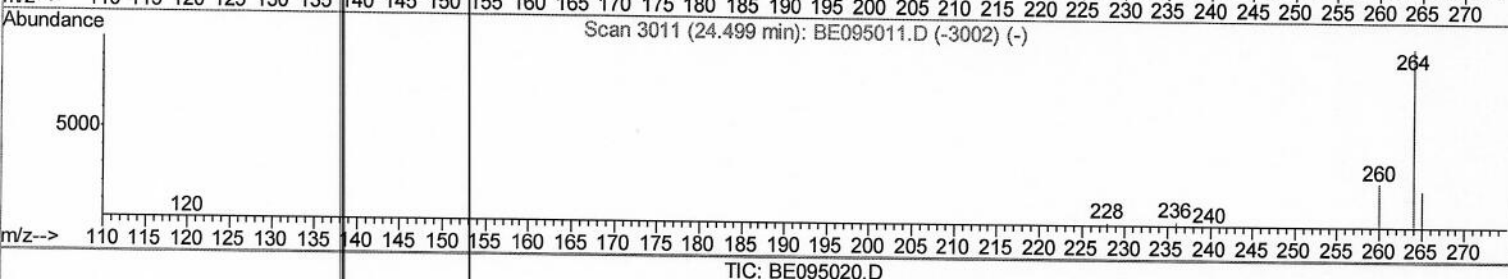
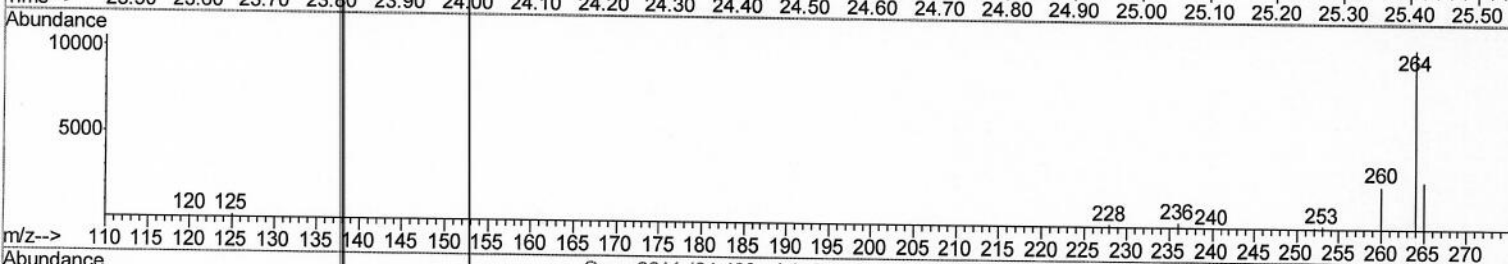
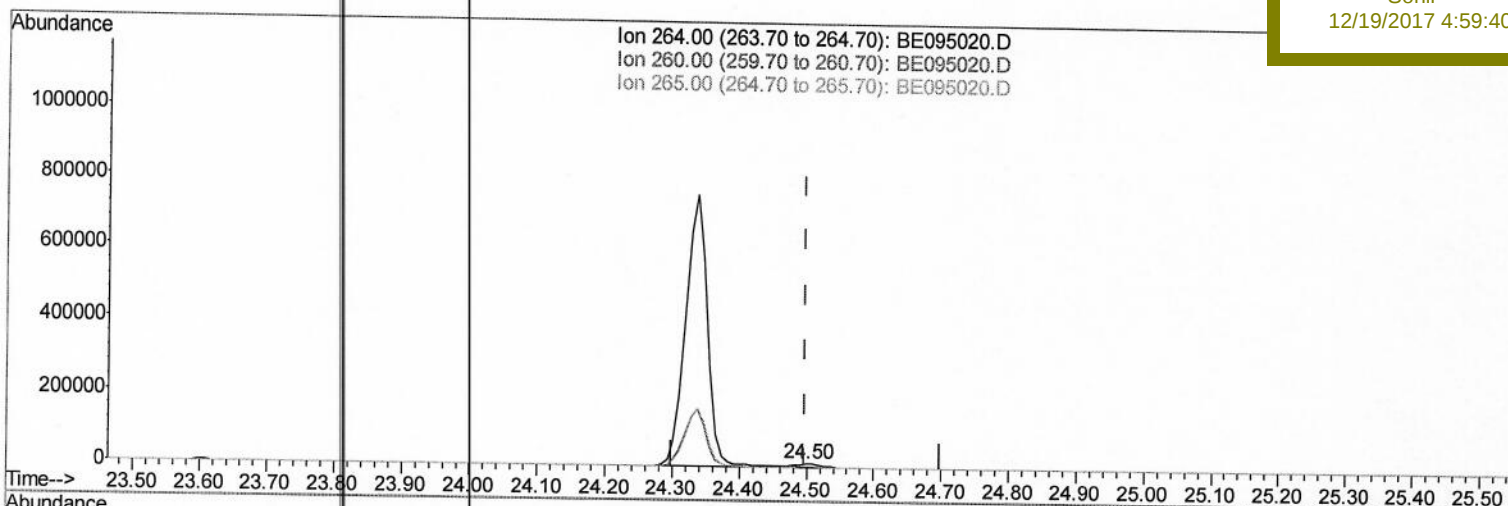
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TIC: BE095020.D

(20) Perylene-d12 (I)

24.499min (+0.000) 0.40ng/ul m

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response 18841

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 24.12  |
| 265.00 | 103.50 | 26.41# |
| 0.00   | 0.00   | 0.00   |