

# Quantitation Report (QT Reviewed)

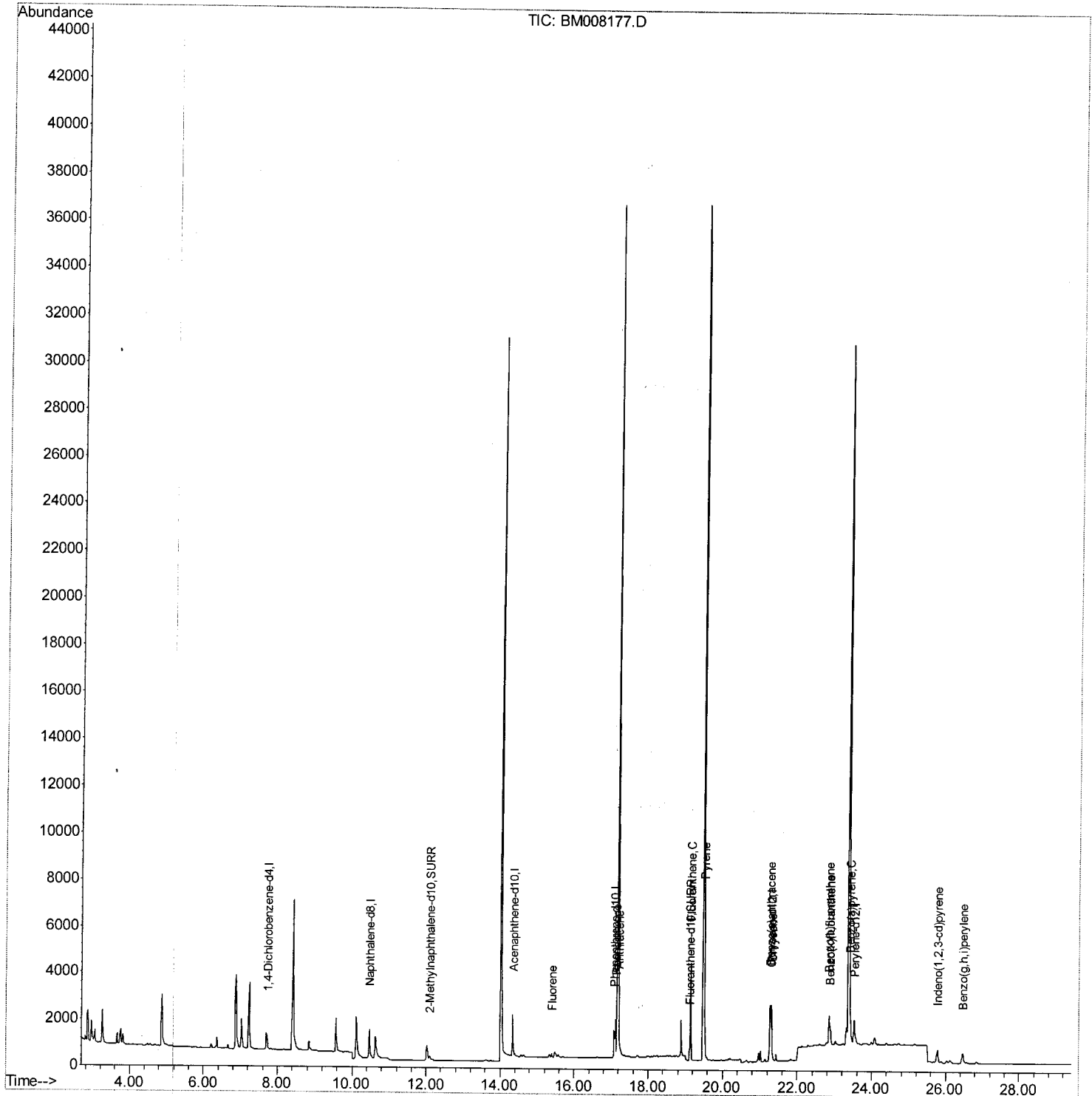
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM120216\  
 Data File : BM008177.D  
 Acq On : 03 Dec 2016 03:35  
 Operator : UM/SJ  
 Sample : H5730-08DL 2X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4WH4DL

Manual Integrations  
 APPROVED

sohil  
 12/5/2016 11:18:19 AM

Quant Time: Dec 03 05:05:42 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-SIM-BM112116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 03 04:54:05 2016  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

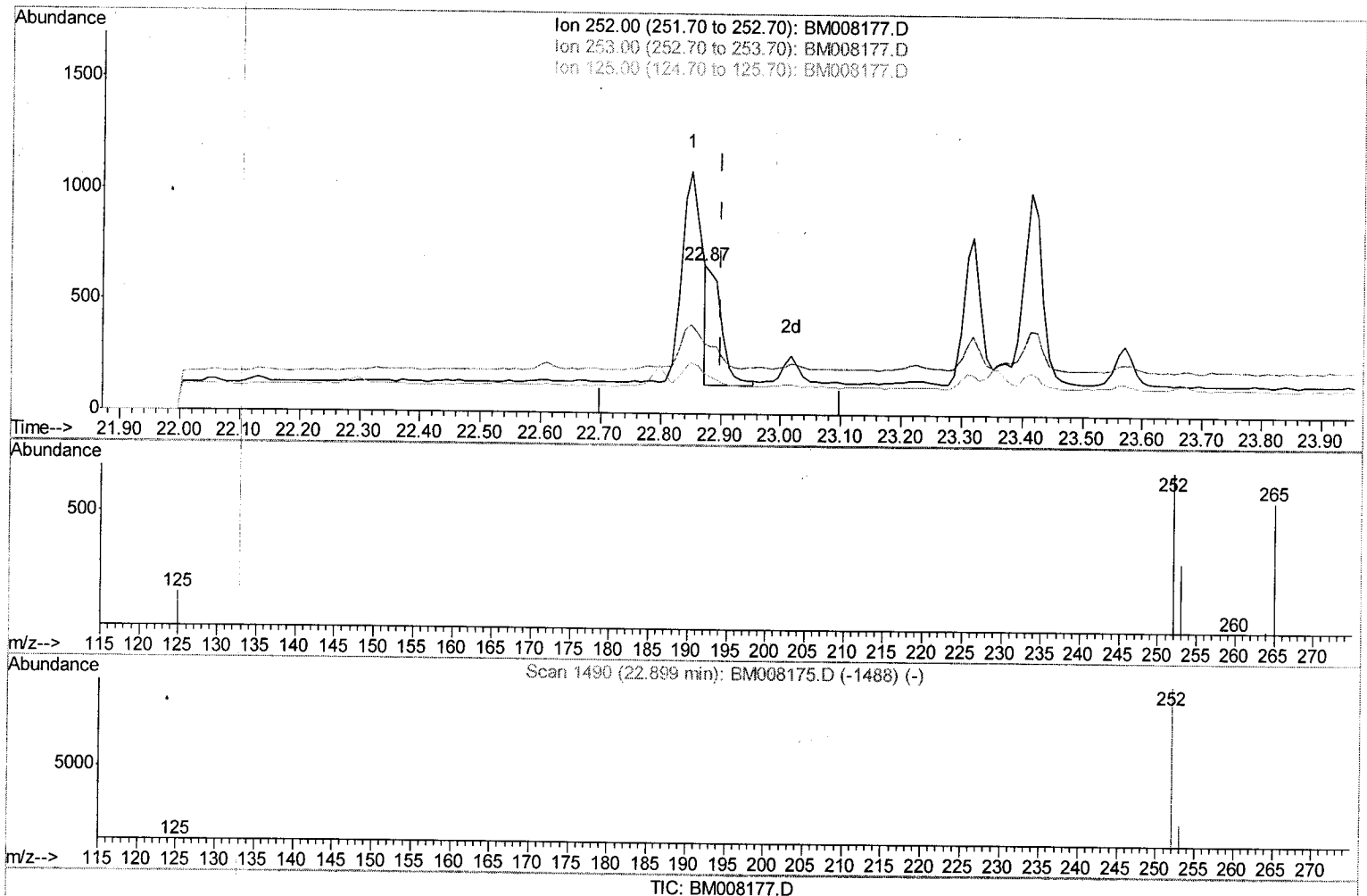
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TIC: BM008177.D

(22) Benzo(k)fluoranthene

22.871min (-0.028) 0.13ng/ul m

response 871

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 47.47# |
| 125.00 | 17.10 | 27.08# |
| 0.00   | 0.00  | 0.00   |

29.5  
 12106116

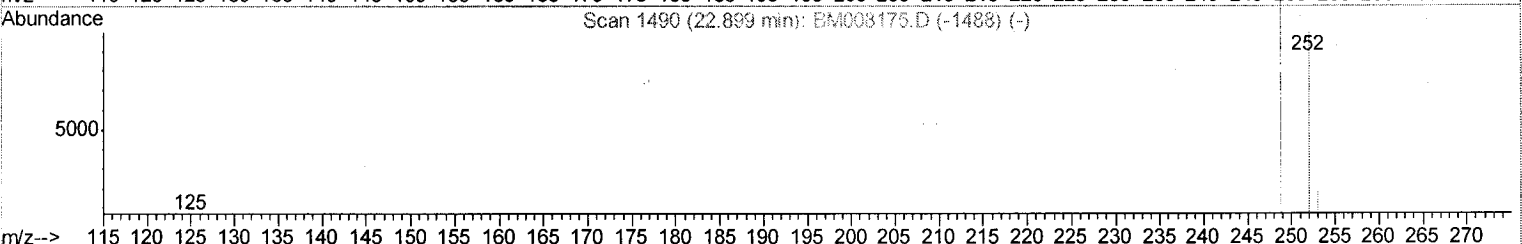
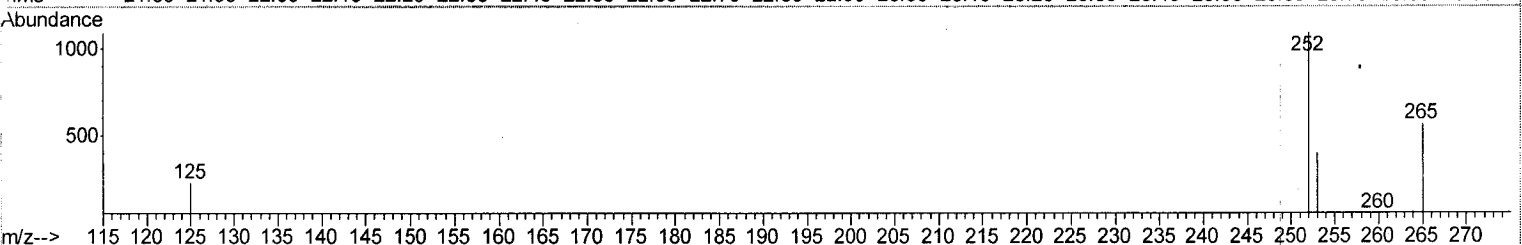
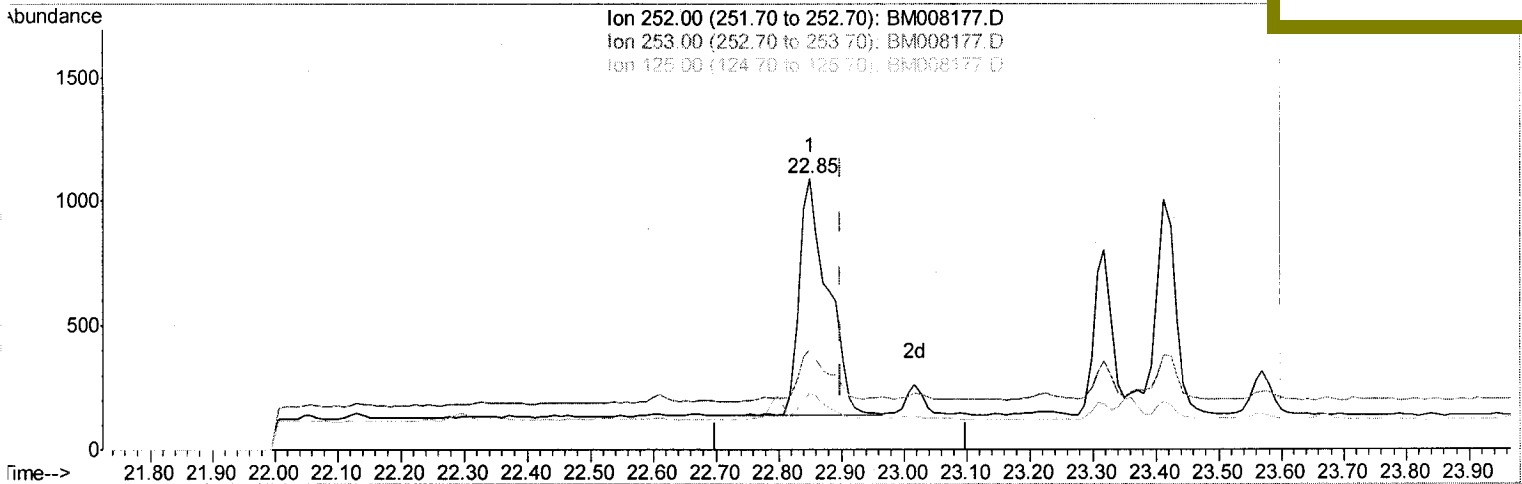
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Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
A4WH4DL

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TIC: BM008177.D

(22) Benzo(k)fluoranthene

22.850min (-0.049) 0.44ng/ul

response 3050

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 30.60 | 36.66  |
| 125.00 | 17.10 | 20.90# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

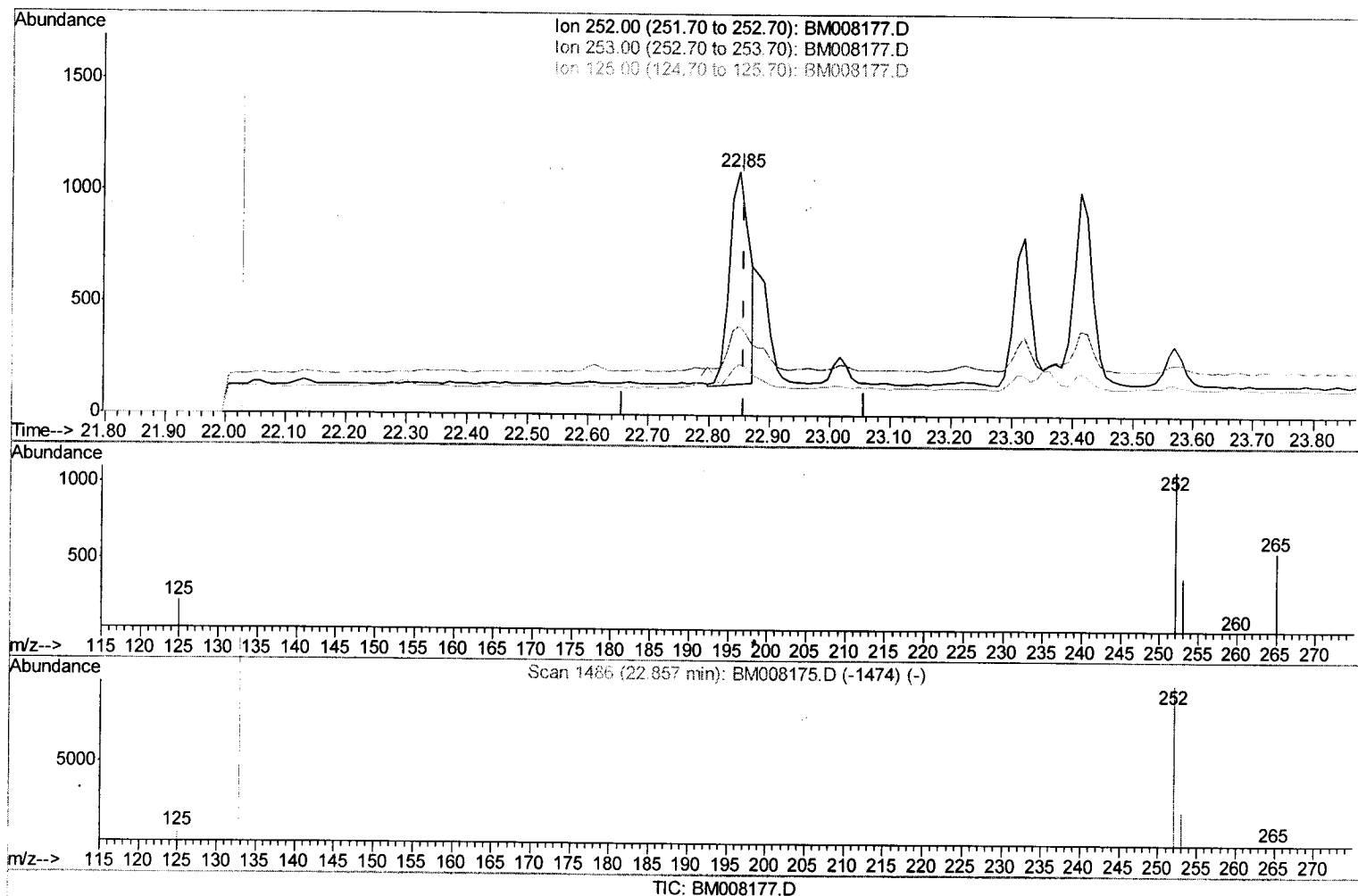
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 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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TIC: BM008177.D

(21) Benzo(b)fluoranthene

22.850min (-0.007) 0.33ng/ul m

response 2198

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 36.66 |
| 125.00 | 17.50 | 20.90 |
| 0.00   | 0.00  | 0.00  |

75.9  
 12/06/16

## Quantitation Report (Qedit)

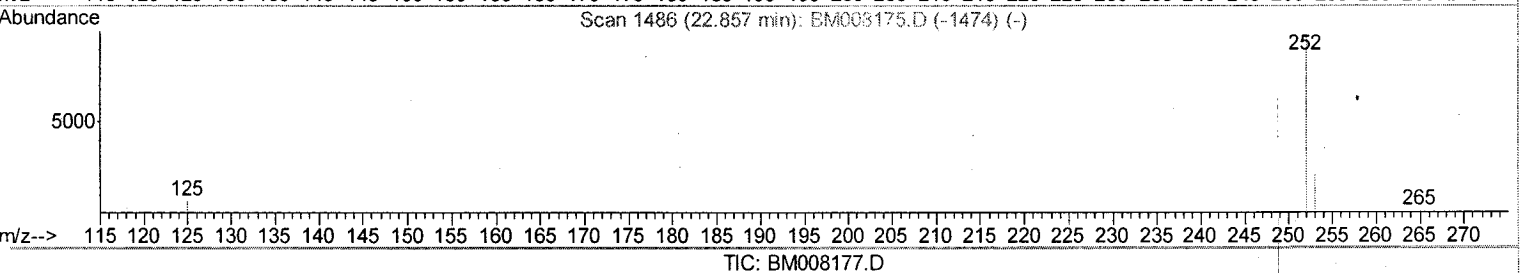
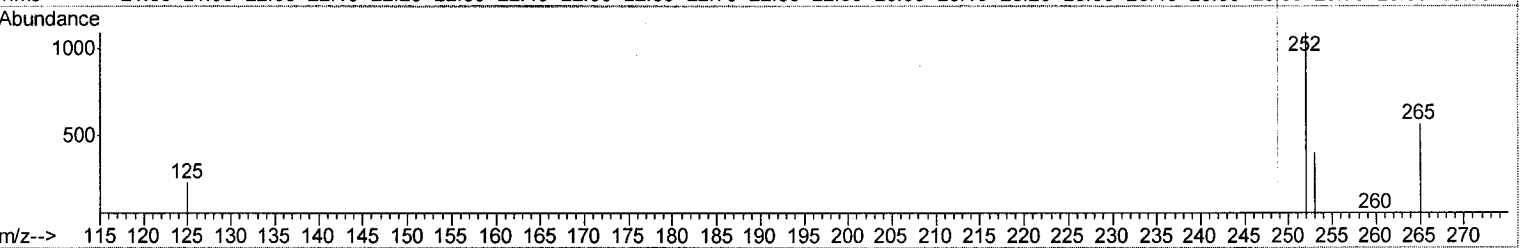
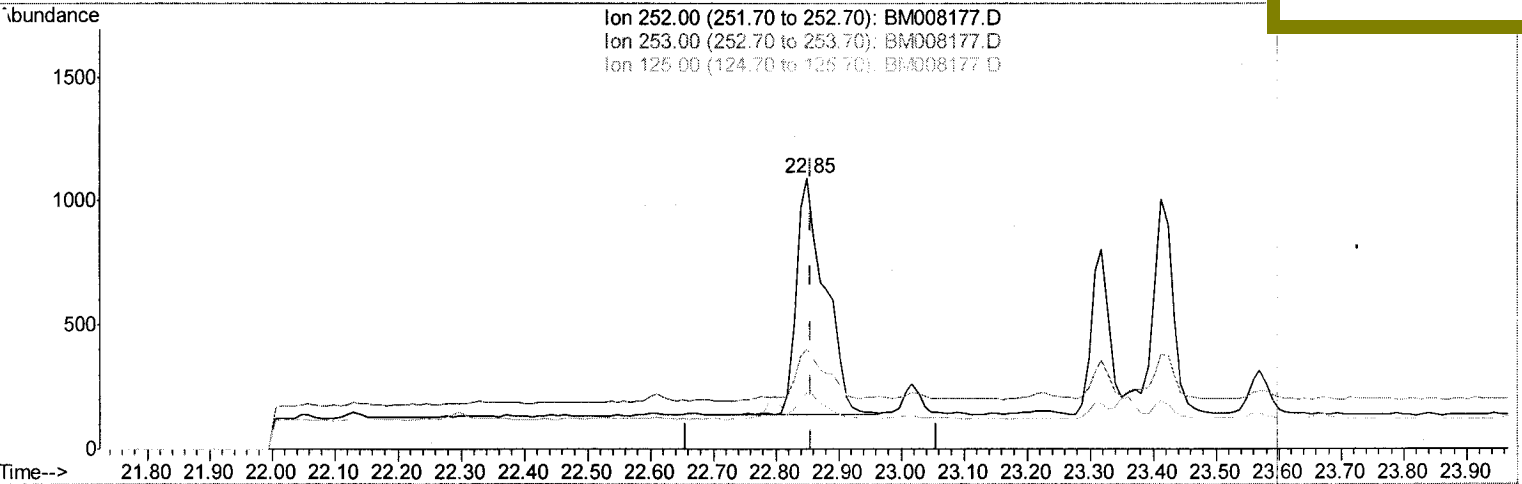
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Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Manual Integrations  
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sohil  
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(21) Benzo(b)fluoranthene

22.850min (-0.007) 0.46ng/ul

response 3050

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 36.66 |
| 125.00 | 17.50 | 20.90 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

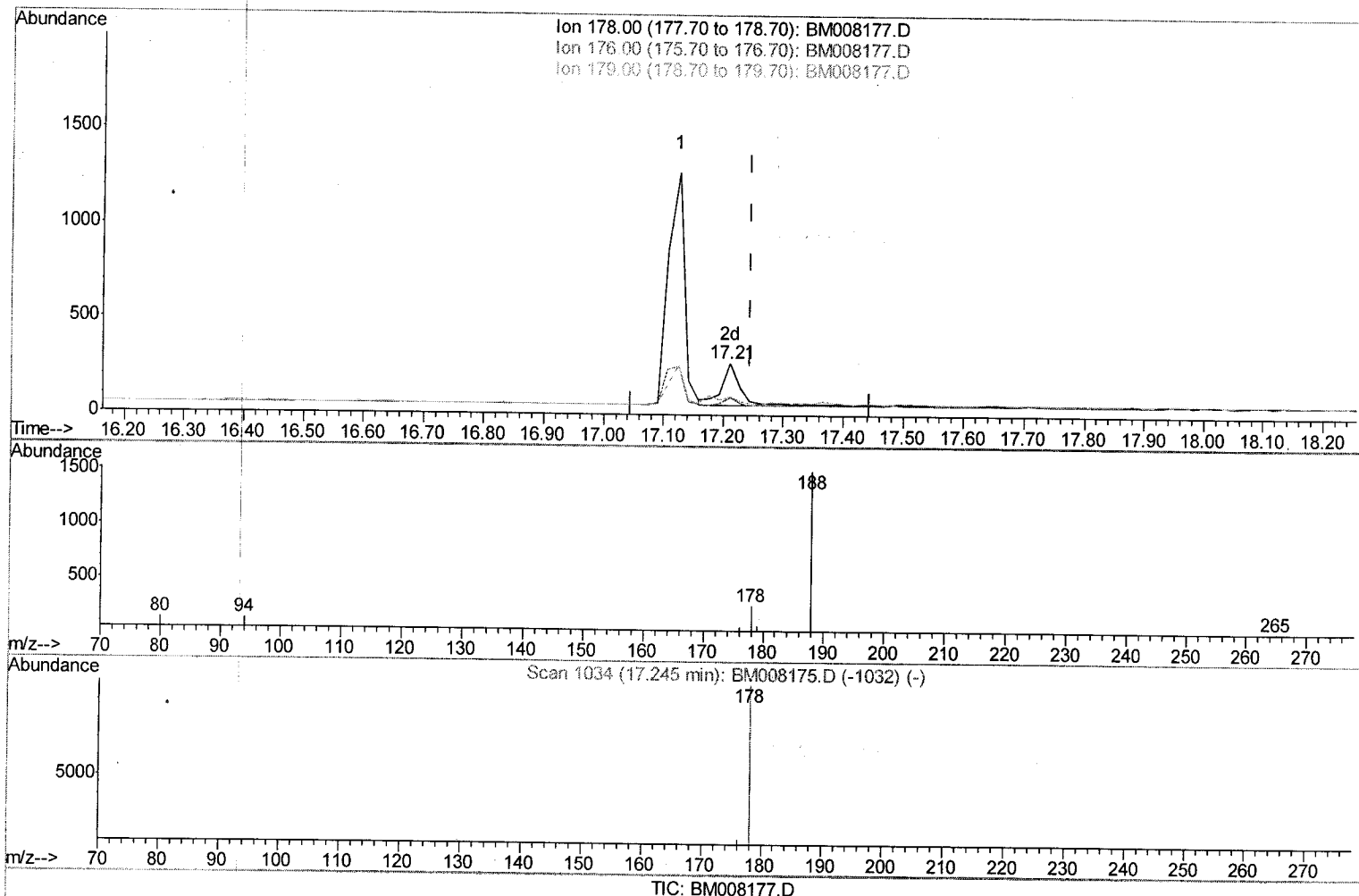
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 Operator : UM/SJ  
 Sample : H5730-08DL 2X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA M  
 ClientSampleId :  
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Manual Integrations  
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(13) Anthracene

17.210min (-0.035) 0.08ng/ul m

response 459

Ion Exp% Act%

178.00 100 100

176.00 22.60 33.58#

179.00 18.40 35.77#

0.00 0.00 0.00

5.9  
 12/06/16

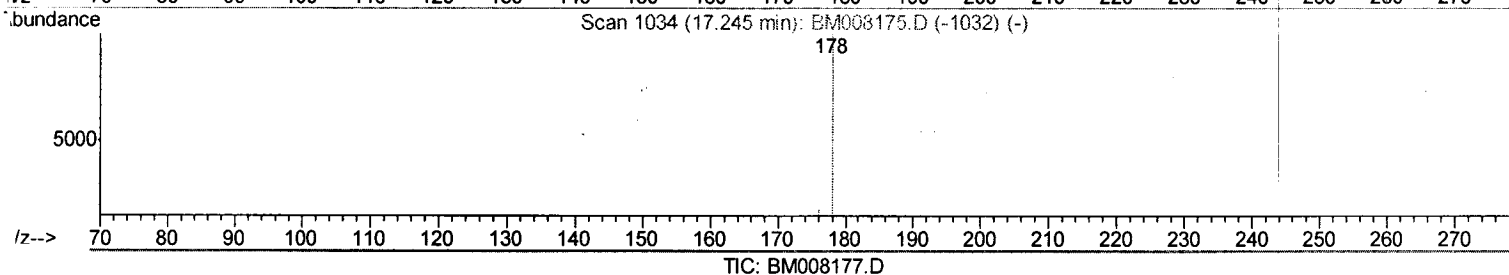
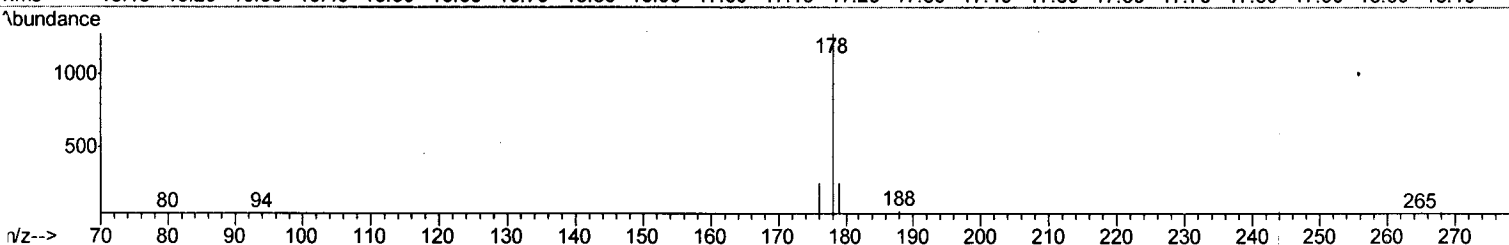
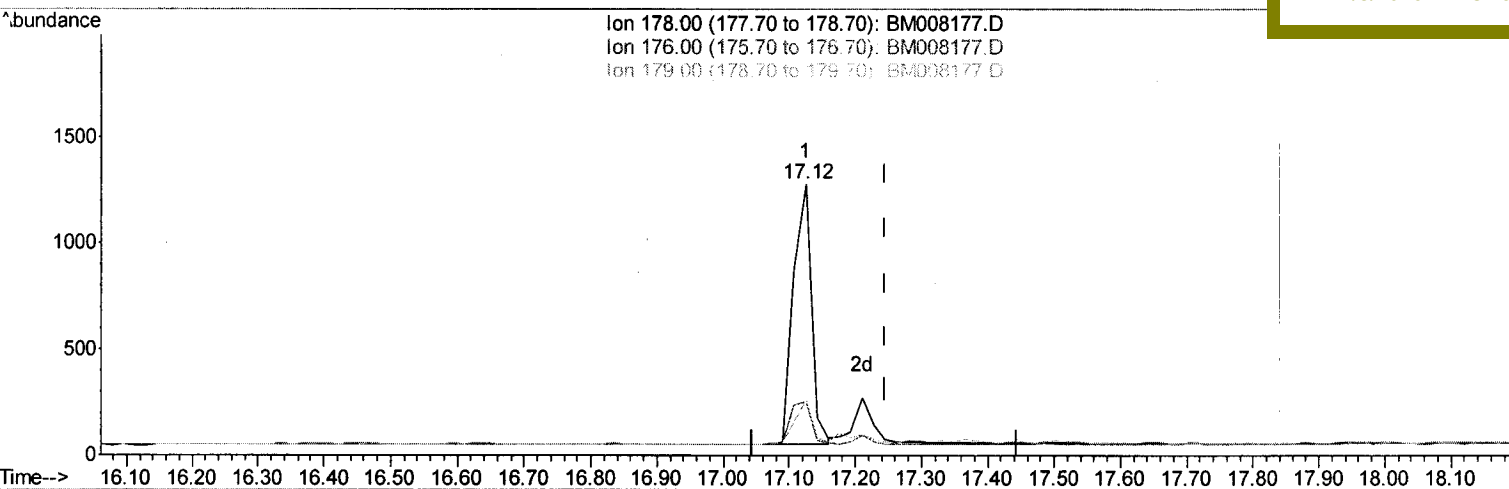
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Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4WH4DL

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APPROVED

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12/5/2016 11:18:19 AM



(13) Anthracene

17.125min (-0.120) 0.42ng/ul

response 2285

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 176.00 | 22.60 | 20.17 |
| 179.00 | 18.40 | 20.33 |
| 0.00   | 0.00  | 0.00  |

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 Misc :  
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Instrument :  
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 12/5/2016 11:18:19 AM

| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.71  | 152  | 561      | 0.40 | ng/ul  | -0.02    |
| 2) Naphthalene-d8           | 10.48 | 136  | 1851     | 0.40 | ng/ul  | -0.02    |
| 6) Acenaphthene-d10         | 14.33 | 164  | 1062     | 0.40 | ng/ul  | -0.02    |
| 10) Phenanthrene-d10        | 17.07 | 188  | 1859     | 0.40 | ng/ul  | -0.03    |
| 16) Chrysene-d12            | 21.29 | 240  | 1628     | 0.40 | ng/ul  | 0.00     |
| 20) Perylene-d12            | 23.52 | 264  | 1674     | 0.40 | ng/ul  | -0.02    |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.09 | 152  | 312      | 0.12 | ng/ul  | -0.01    |
| 14) Fluoranthene-d10        | 19.13 | 212  | 691      | 0.13 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        | Qvalue   |
| 9) Fluorene                 | 15.39 | 166  | 111      | 0.03 | ng/ul# | 81       |
| 12) Phenanthrene            | 17.12 | 178  | 2285     | 0.39 | ng/ul  | 93       |
| 13) Anthracene              | 17.21 | 178  | 459m     | 0.08 | ng/ul  |          |
| 15) Fluoranthene            | 19.15 | 202  | 4243     | 0.57 | ng/ul  | 96       |
| 17) Pyrene                  | 19.51 | 202  | 5493     | 0.97 | ng/ul  | 97       |
| 18) Benzo(a)anthracene      | 21.27 | 228  | 2104     | 0.42 | ng/ul  | 95       |
| 19) Chrysene                | 21.32 | 228  | 2587     | 0.42 | ng/ul  | 95       |
| 21) Benzo(b)fluoranthene    | 22.85 | 252  | 2198m    | 0.33 | ng/ul  |          |
| 22) Benzo(k)fluoranthene    | 22.87 | 252  | 871m     | 0.13 | ng/ul  |          |
| 23) Benzo(a)pyrene          | 23.41 | 252  | 1914     | 0.31 | ng/ul  | 95       |
| 24) Indeno(1,2,3-cd)pyrene  | 25.78 | 276  | 1057     | 0.14 | ng/ul# | 90       |
| 26) Benzo(g,h,i)perylene    | 26.47 | 276  | 1031     | 0.15 | ng/ul# | 86       |

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

5.9  
 12/05/16