

# Quantitation Report (QT Reviewed)

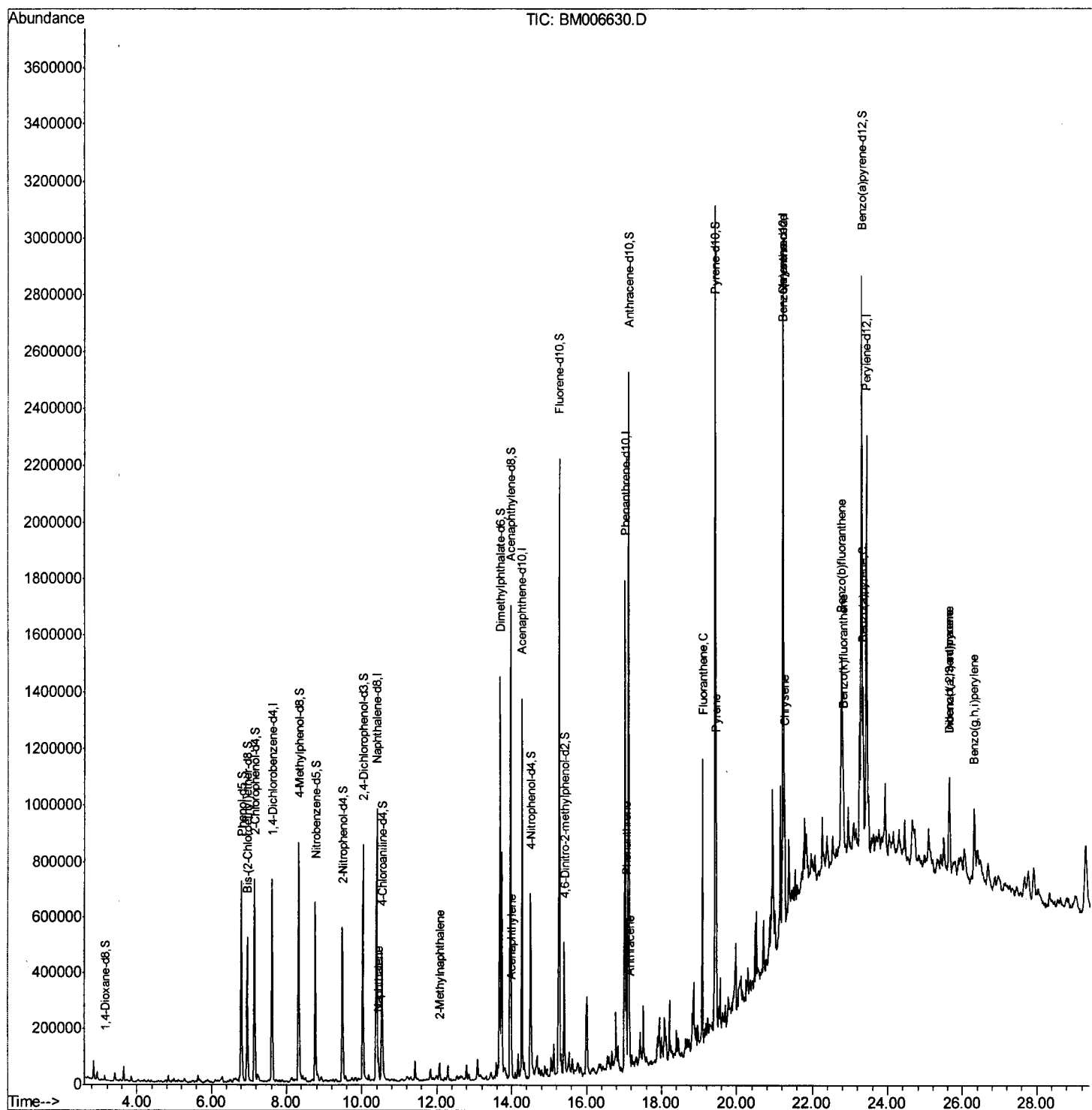
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM072216\  
 Data File : BM006630.D  
 Acq On : 22 Jul 2016 18:36  
 Operator : UM/SJ  
 Sample : H4076-12  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9YP7

Manual Integration

sohil  
 7/25/2016 6:38:56 PM

Quant Time: Jul 23 00:58:38 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jul 23 00:16:38 2016  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

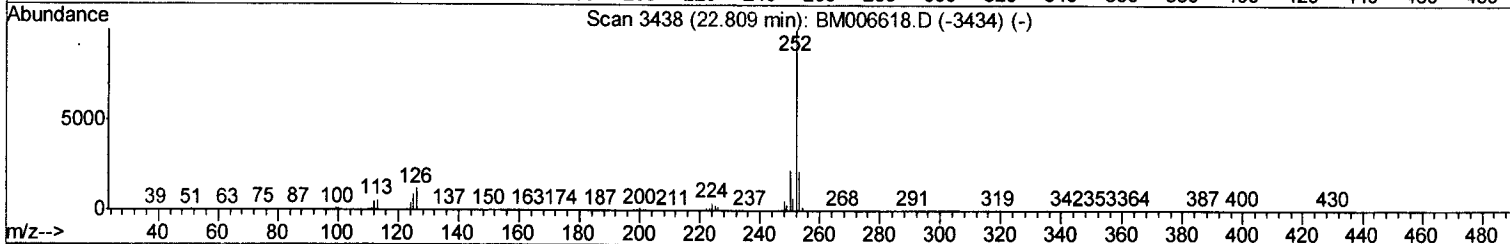
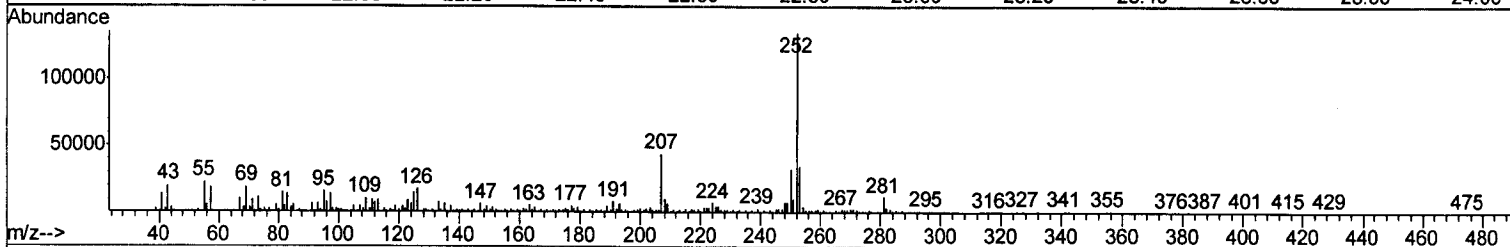
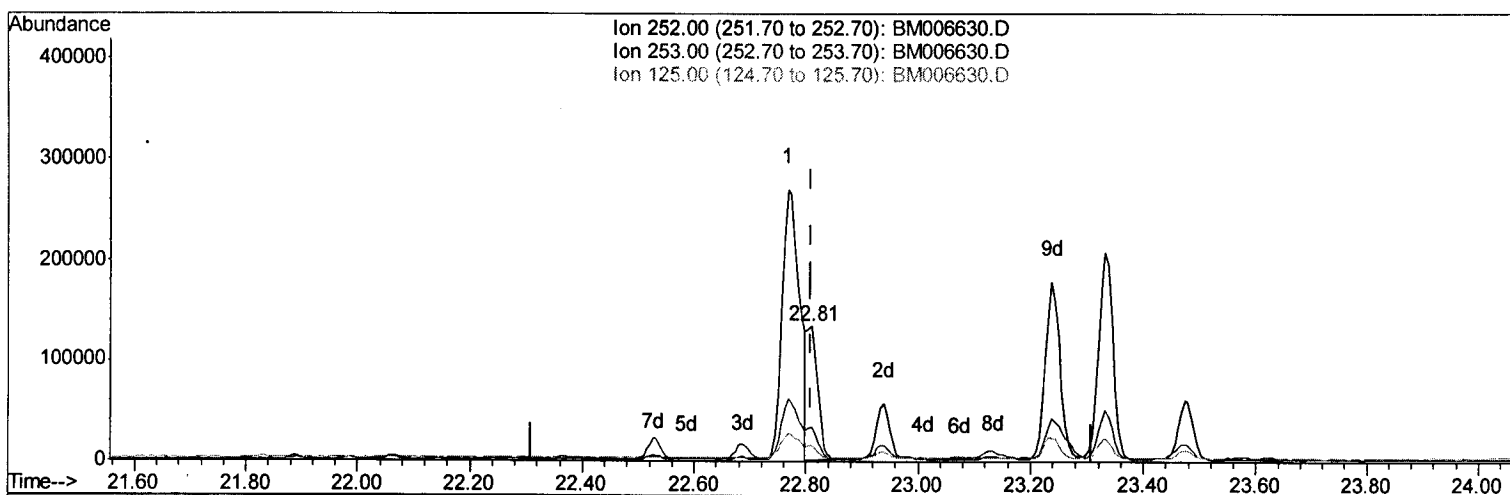
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TIC: BM006630.D

(36) Benzo(k)fluoranthene

22.809min (-0.000) 2.79ng/ul m U.M  
 response 177902 07/26/16

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.30 | 25.42 |
| 125.00 | 9.60  | 11.41 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

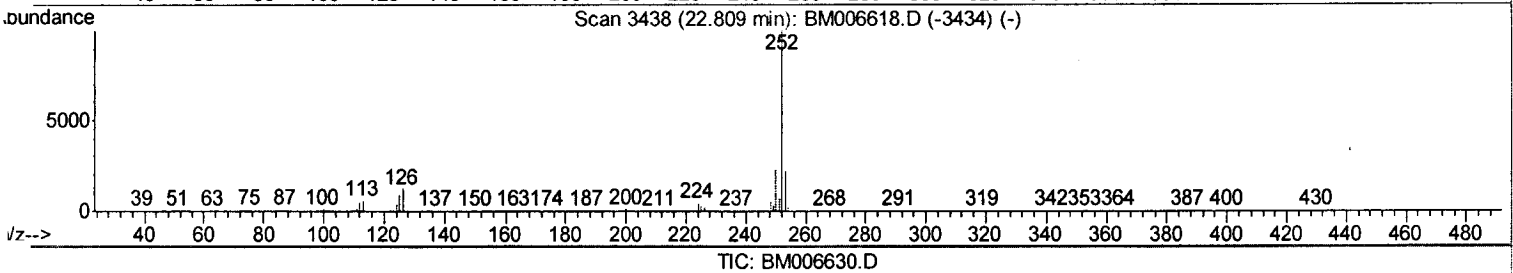
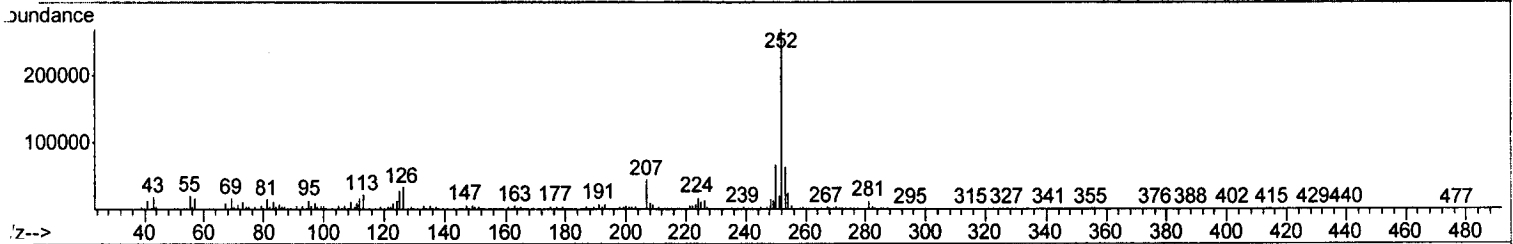
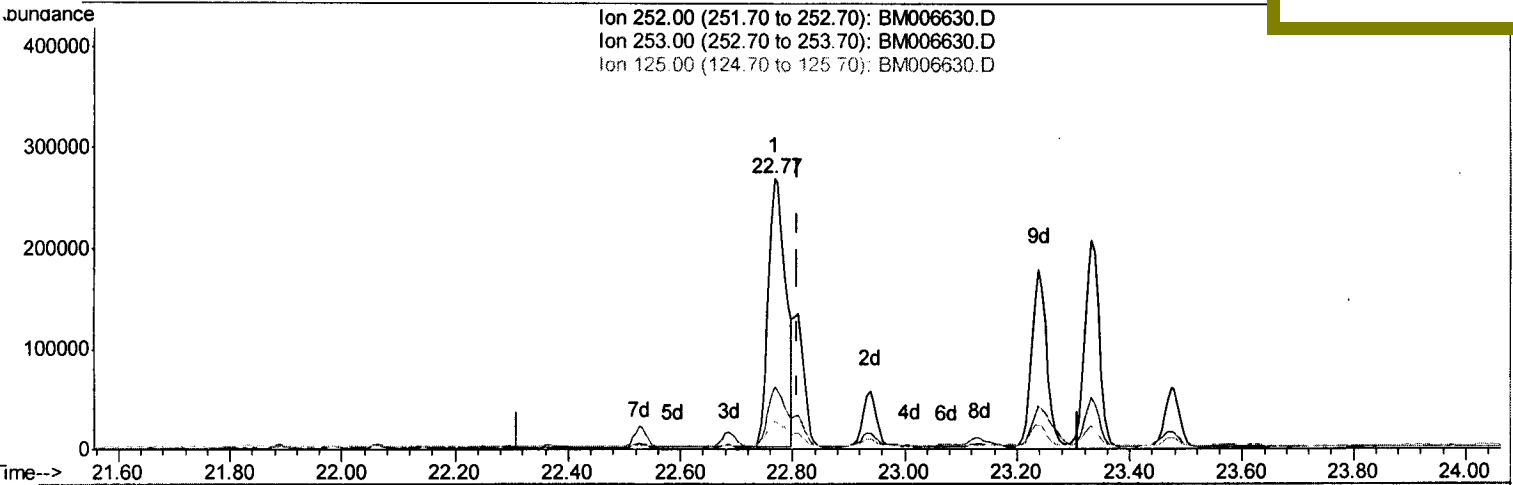
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Manual Integrati

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 Response via : Initial Calibration



(36) Benzo(k)fluoranthene

22.768min (-0.041) 9.09ng/ul

response 578982

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.30 | 23.35 |
| 125.00 | 9.60  | 10.26 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM072216\  
 Data File : BM006630.D  
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 Operator : UM/SJ  
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 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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 D9YP7

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Manual Integration

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 7/25/2016 6:38:56 PM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.62  | 152  | 184091   | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 10.40 | 136  | 811995   | 20.00 | ng/ul | 0.00     |
| 15) Acenaphthene-d10      | 14.27 | 164  | 458536   | 20.00 | ng/ul | 0.00     |
| 23) Phenanthrene-d10      | 17.02 | 188  | 1026412  | 20.00 | ng/ul | 0.00     |
| 29) Chrysene-d12          | 21.22 | 240  | 1068192  | 20.00 | ng/ul | 0.00     |
| 34) Perylene-d12          | 23.43 | 264  | 1099397  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.13  | 96  | 8944    | 1.96  | ng/uL | 0.00 |
| 3) Phenol-d5                   | 6.80  | 99  | 411600  | 26.28 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl) ether-d | 6.96  | 67  | 241357  | 24.88 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 7.15  | 132 | 313043  | 25.01 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 8.33  | 113 | 328598  | 27.05 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 8.77  | 128 | 151623  | 24.67 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4            | 9.49  | 143 | 169108  | 25.87 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3      | 10.03 | 165 | 319287  | 25.85 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4         | 10.54 | 131 | 264017  | 19.41 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6       | 13.68 | 166 | 941751  | 26.19 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8          | 13.96 | 160 | 1225977 | 26.72 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4           | 14.50 | 143 | 161683  | 25.89 | ng/ul | 0.00 |
| 21) Fluorene-d10               | 15.27 | 176 | 858018  | 26.68 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.41 | 200 | 91812   | 17.23 | ng/ul | 0.00 |
| 26) Anthracene-d10             | 17.12 | 188 | 1327635 | 27.24 | ng/ul | 0.00 |
| 30) Pyrene-d10                 | 19.43 | 212 | 1440485 | 29.60 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12         | 23.29 | 264 | 1406214 | 27.81 | ng/ul | 0.01 |

## Target Compounds

|                            |       |     |         |             | Qvalue |
|----------------------------|-------|-----|---------|-------------|--------|
| 11) Naphthalene            | 10.45 | 128 | 57310   | 1.37 ng/ul  | 98     |
| 13) 2-Methylnaphthalene    | 12.07 | 142 | 32442   | 1.06 ng/ul  | 100    |
| 18) Acenaphthylene         | 13.99 | 152 | 58263   | 1.19 ng/ul  | 99     |
| 25) Phenanthrene           | 17.06 | 178 | 317204  | 5.50 ng/ul  | 98     |
| 27) Anthracene             | 17.16 | 178 | 93774   | 1.58 ng/ul  | 99     |
| 28) Fluoranthene           | 19.09 | 202 | 579882  | 8.55 ng/ul  | 99     |
| 31) Pyrene                 | 19.46 | 202 | 509634  | 7.88 ng/ul# | 97     |
| 32) Benzo(a)anthracene     | 21.21 | 228 | 322099  | 4.98 ng/ul  | 95     |
| 33) Chrysene               | 21.26 | 228 | 350174  | 5.87 ng/ul  | 95     |
| 35) Benzo(b)fluoranthene   | 22.77 | 252 | 578982  | 8.79 ng/ul  | 98     |
| 36) Benzo(k)fluoranthene   | 22.81 | 252 | 177902m | 2.79 ng/ul  | 97     |
| 38) Benzo(a)pyrene         | 23.33 | 252 | 368107  | 5.74 ng/ul  | 95     |
| 39) Indeno(1,2,3-cd)pyrene | 25.64 | 276 | 321433  | 4.33 ng/ul  | 97     |
| 40) Dibenzo(a,h)anthracene | 25.63 | 278 | 85749   | 1.39 ng/ul# | 83     |
| 41) Benzo(g,h,i)perylene   | 26.31 | 276 | 315300  | 4.95 ng/ul  | 96     |

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