

# Quantitation Report (QT Reviewed)

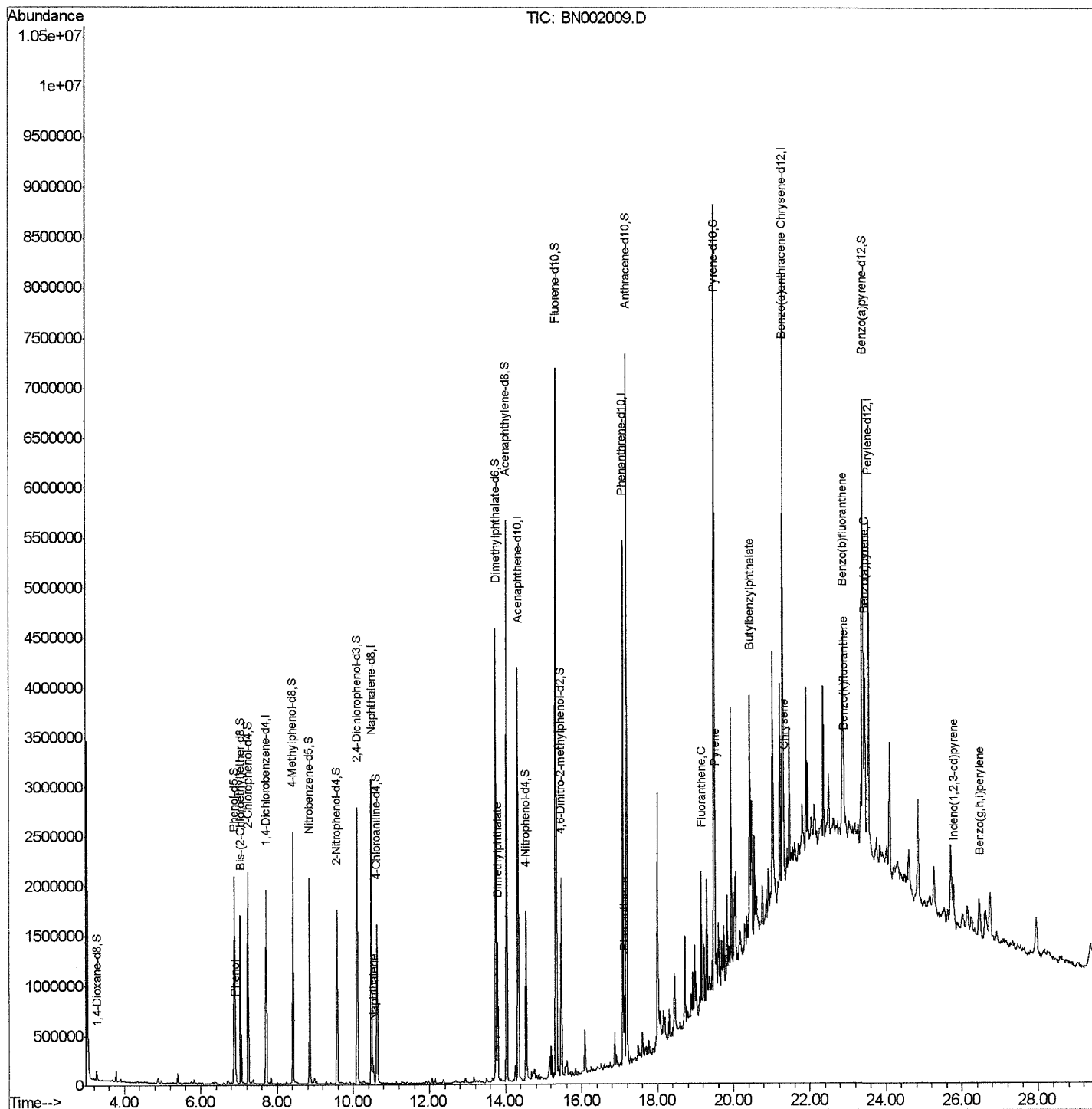
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\  
 Data File : BN002009.D  
 Acq On : 11 Jul 2018 14:15  
 Operator : JU/SJ  
 Sample : J3775-18  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 Client Sample ID :  
 DAZQ5

Manual Integrations  
 APPROVED

Sohil  
 7/12/2018 3:03:41 PM

Quant Time: Jul 11 18:57:50 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN061918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 10 01:03:06 2018  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

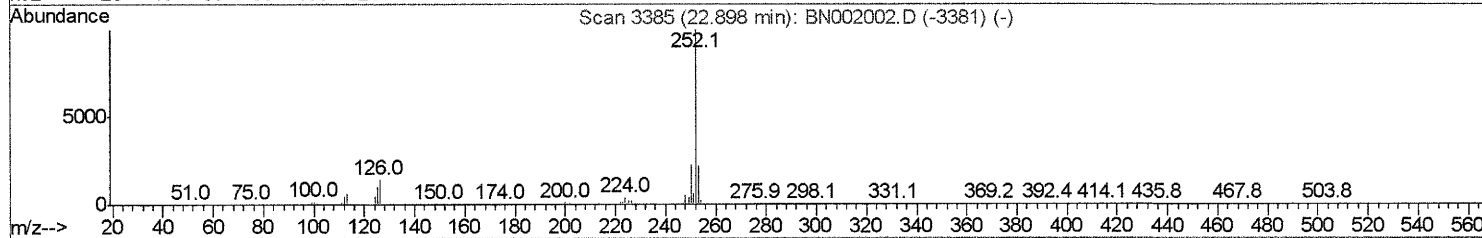
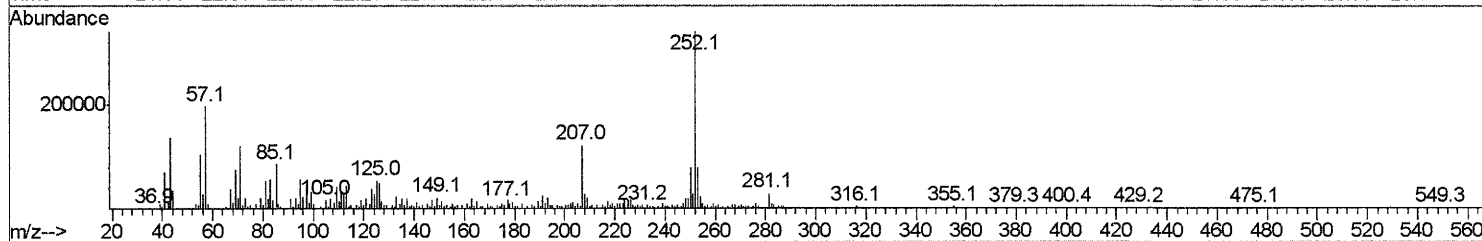
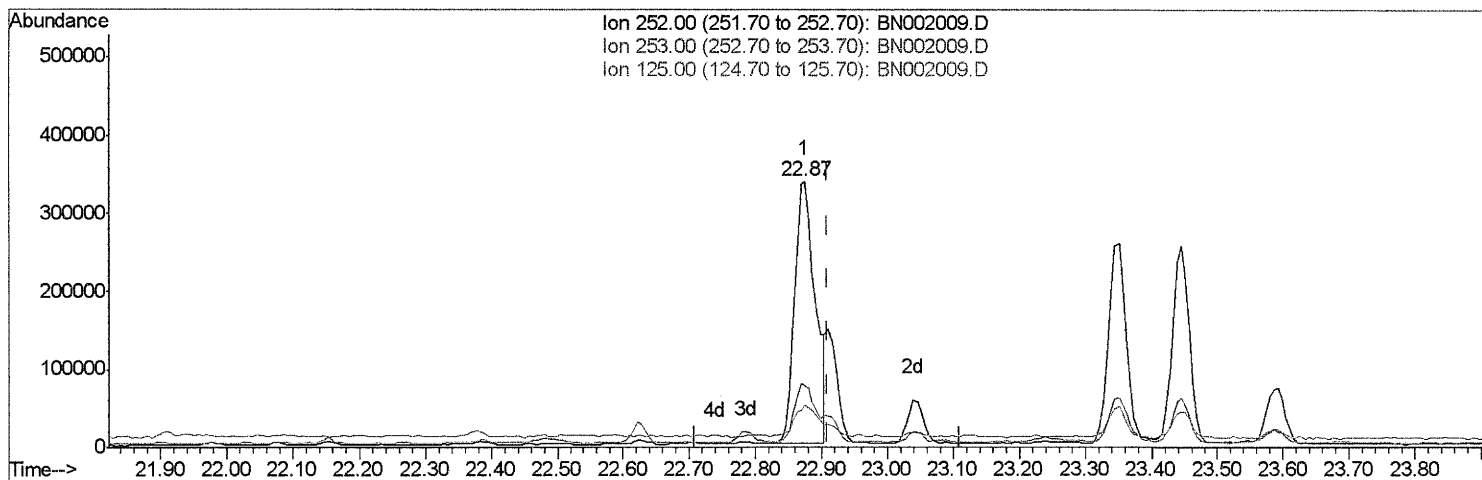
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TIC: BN002009.D

(86) Benzo(k)fluoranthene

22.874min (-0.035) 5.21ng/ui

response 751326

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.40 | 23.36  |
| 125.00 | 6.70  | 16.00# |
| 0.00   | 0.00  | 0.00   |

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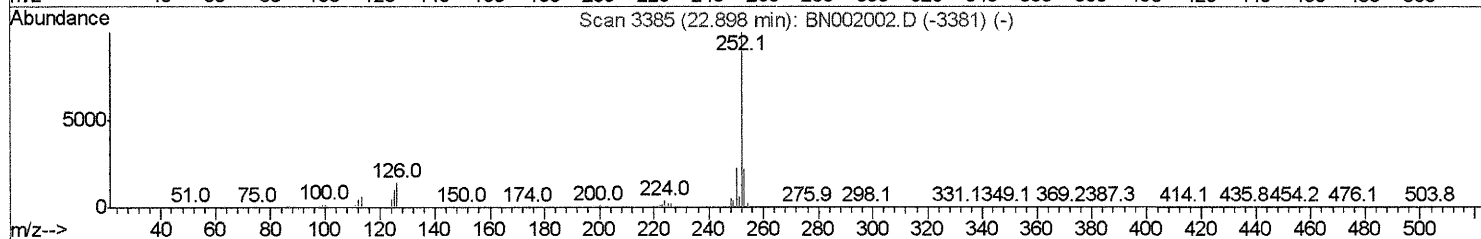
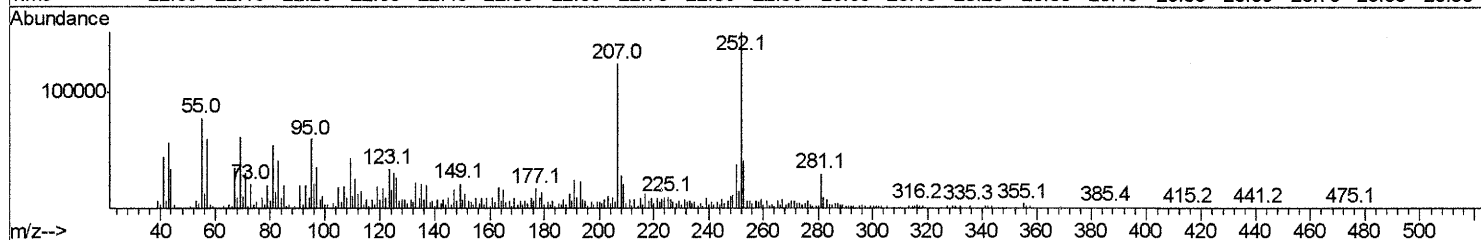
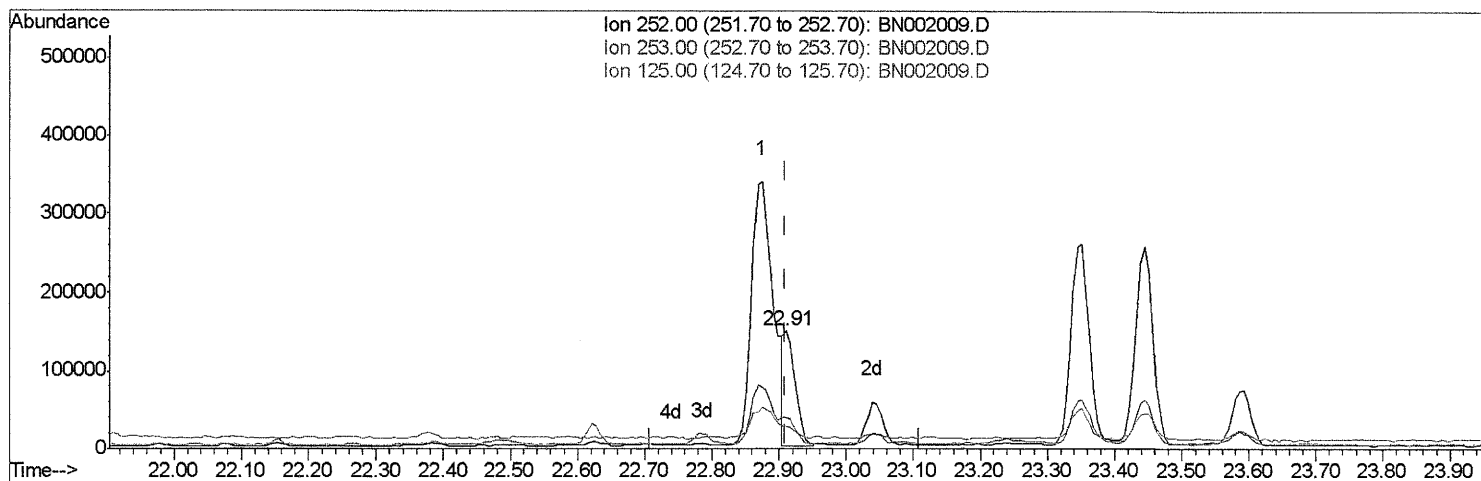
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TIC: BN002009.D

(86) Benzo(k)fluoranthene

22.910min (-0.000) 1.17ng/ul m

response 169016

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 21.40 | 27.09# |
| 125.00 | 6.70  | 19.86# |
| 0.00   | 0.00  | 0.00   |

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Sohil  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.70  | 152  | 531970   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.48 | 136  | 2483979  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.33 | 164  | 1444109  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.08 | 188  | 3172120  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.29 | 240  | 2804925  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.54 | 264  | 2353783  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.27  | 96  | 47512   | 3.88  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.89  | 99  | 1209133 | 25.12 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.05  | 67  | 764636  | 25.74 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 971429  | 25.45 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.41  | 113 | 969830  | 25.15 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.85  | 128 | 502888  | 27.26 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.57  | 143 | 569744  | 29.84 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.10 | 165 | 1025059 | 25.15 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.62 | 131 | 878331  | 20.81 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.75 | 166 | 3058557 | 25.08 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.03 | 160 | 3975470 | 26.41 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.55 | 143 | 449844  | 20.02 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.33 | 176 | 2752738 | 25.75 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 403553  | 23.36 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.18 | 188 | 4050593 | 26.43 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.48 | 212 | 4222481 | 29.86 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.40 | 264 | 3347290 | 26.15 | ng/ul | 0.00 |

## Target Compounds

|                            |       |     |          |       | Ovalue |    |
|----------------------------|-------|-----|----------|-------|--------|----|
| 6) Phenol                  | 6.91  | 94  | 73364    | 1.511 | ng/ul  | 98 |
| 28) Naphthalene            | 10.53 | 128 | 150429   | 1.141 | ng/ul  | 99 |
| 44) Dimethylphthalate      | 13.79 | 163 | 890490   | 7.430 | ng/ul  | 99 |
| 69) Phenanthrene           | 17.12 | 178 | 427077   | 2.390 | ng/ul  | 98 |
| 74) Fluoranthene           | 19.15 | 202 | 779501   | 4.150 | ng/ul# | 90 |
| 77) Pyrene                 | 19.51 | 202 | 762346   | 4.343 | ng/ul# | 86 |
| 78) Butylbenzylphthalate   | 20.43 | 149 | 218403   | 2.916 | ng/ul  | 94 |
| 80) Benzo(a)anthracene     | 21.28 | 228 | 439695   | 2.480 | ng/ul# | 93 |
| 82) Chrysene               | 21.33 | 228 | 505191   | 3.063 | ng/ul# | 95 |
| 85) Benzo(b)fluoranthene   | 22.87 | 252 | 751326   | 5.054 | ng/ul# | 91 |
| 86) Benzo(k)fluoranthene   | 22.91 | 252 | 169016m) | 1.172 | ng/ul  |    |
| 88) Benzo(a)pyrene         | 23.44 | 252 | 457357   | 3.292 | ng/ul# | 87 |
| 89) Indeno(1,2,3-cd)pyrene | 25.78 | 276 | 409864   | 2.773 | ng/ul# | 87 |
| 91) Benzo(g,h,i)perylene   | 26.46 | 276 | 400626   | 3.285 | ng/ul# | 87 |

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

SD 7/12/18