

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122619\  
Quantitation Report (QT Reviewed)

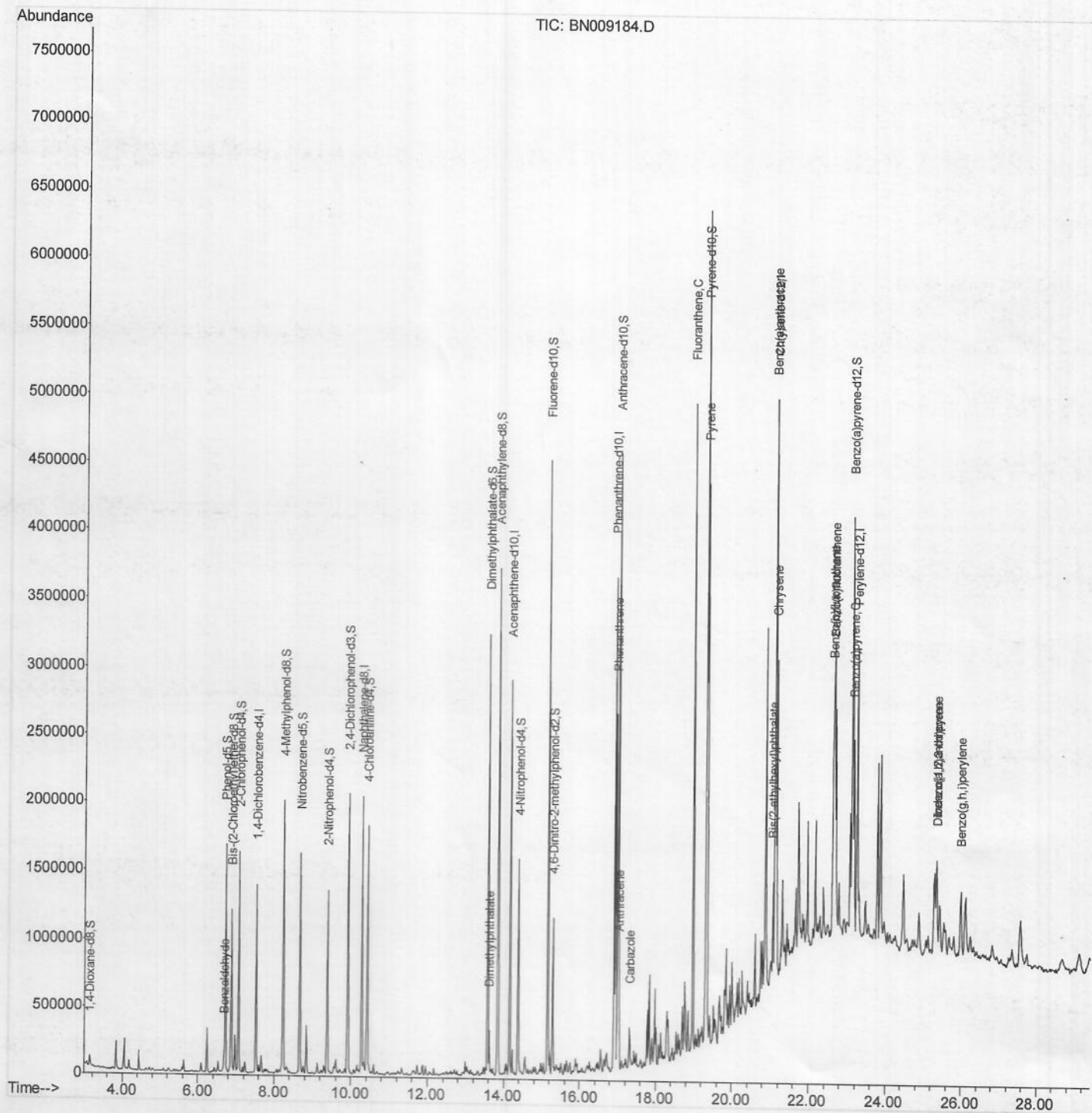
Data File : BN009184.D  
Acq On : 26 Dec 2019 22:04  
Operator : JU  
Sample : K6381-08  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_N  
Client Sample ID :  
CB5R8

Manual Integrations  
APPROVED

mohammad  
12/27/2019 3:20:25 PM

Quant Time: Dec 27 03:34:34 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN122419MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 27 01:30:55 2019  
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN122619\  
Quantitation Report (Qedit)

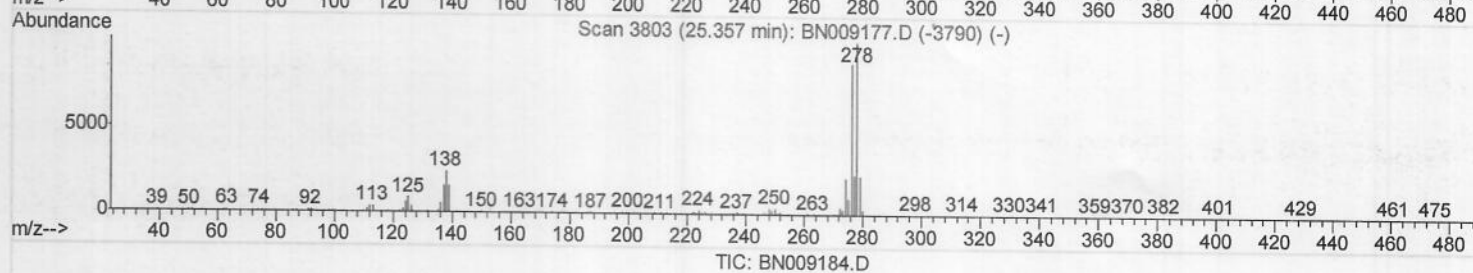
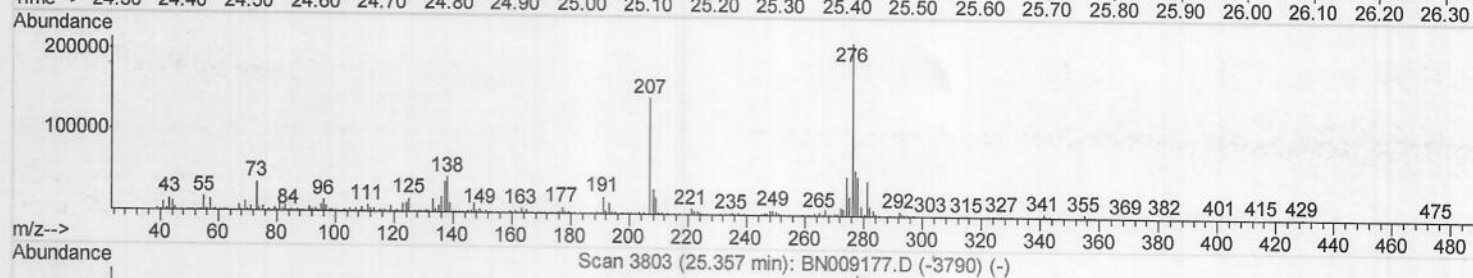
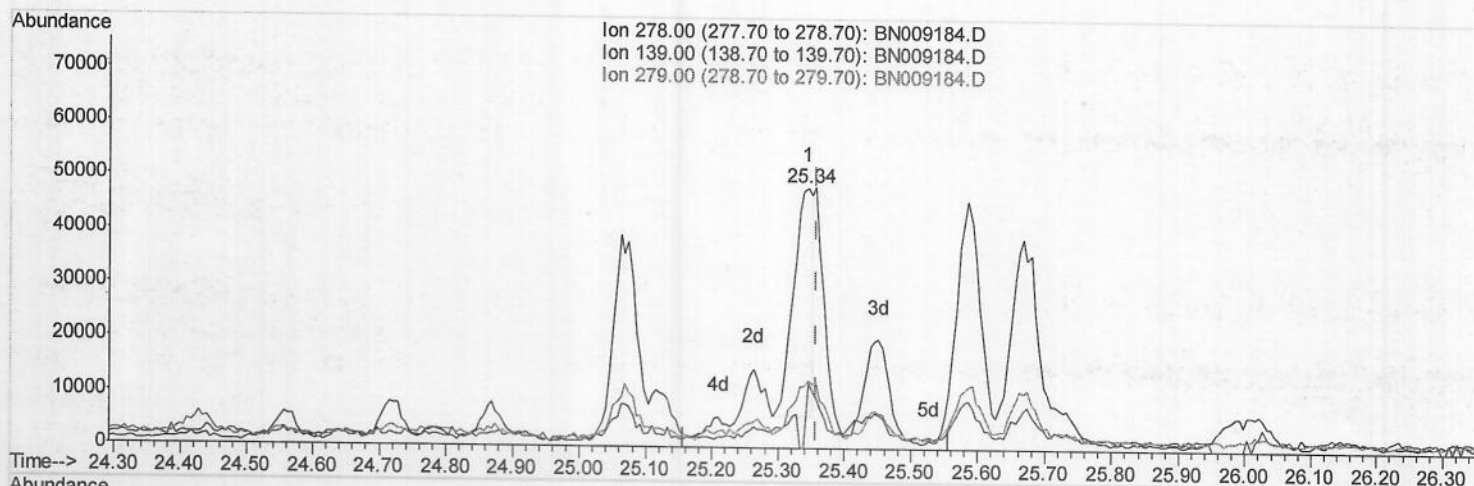
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Quant Time: Dec 27 01:34:46 2019  
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QLast Update : Fri Dec 27 01:30:55 2019  
Response via : Initial Calibration



(92) Dibenzo(a,h)anthracene

25.345min (-0.012) 1.09ng/ul

response 85324

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 15.50 | 25.23# |
| 279.00 | 23.80 | 25.84  |
| 0.00   | 0.00  | 0.00   |



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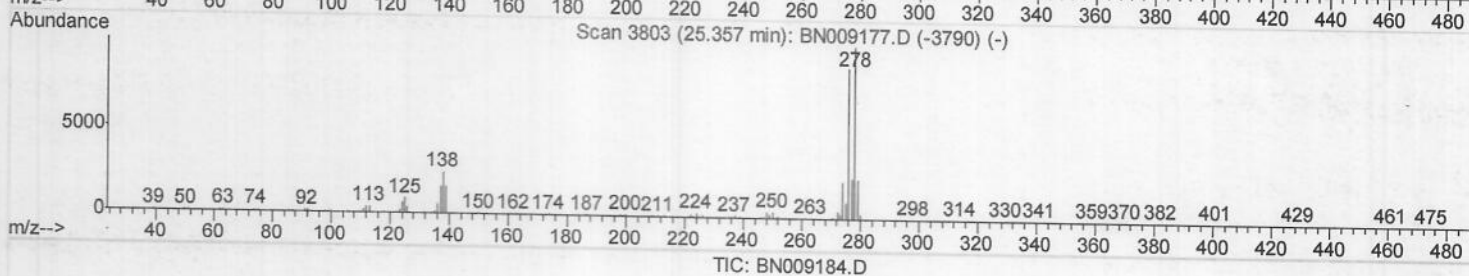
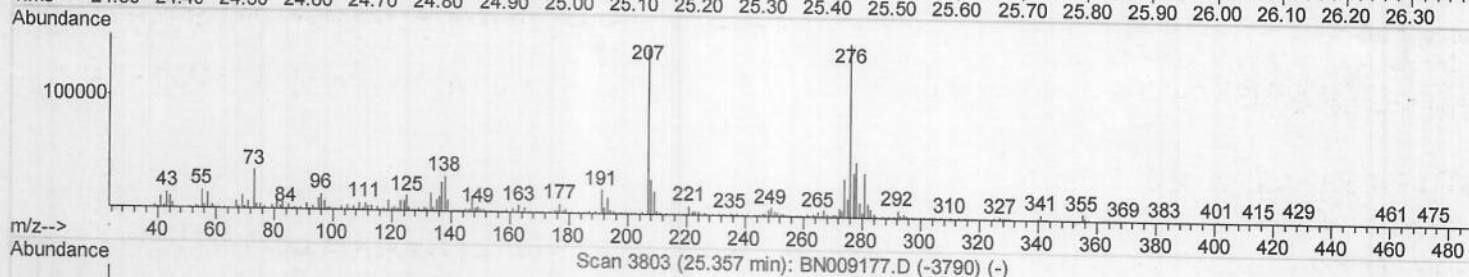
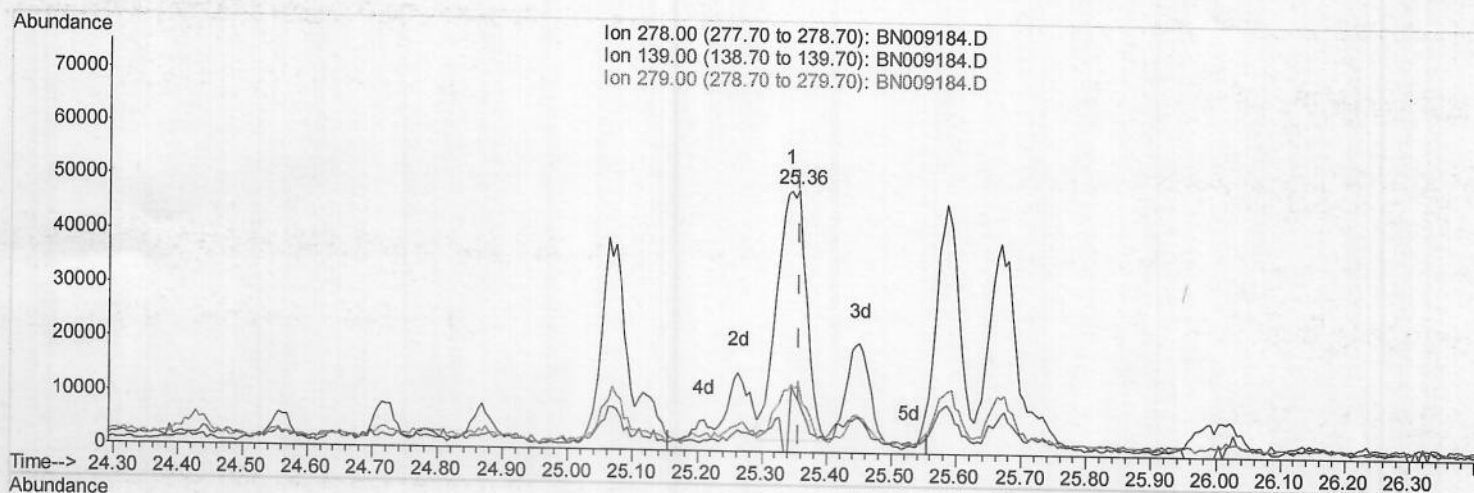
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Response via : Initial Calibration



(92) Dibenzo(a,h)anthracene

25.357min (+0.000) 1.88ng/ul m

response 147119

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 278.00 | 100   | 100    |
| 139.00 | 15.50 | 19.57# |
| 279.00 | 23.80 | 26.15  |
| 0.00   | 0.00  | 0.00   |

JU 12/28/19

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Manual Integrations  
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Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.52  | 152  | 341694   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.28 | 136  | 1511565  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.15 | 164  | 949033   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.90 | 188  | 1959146  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.11 | 240  | 1459746  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.25 | 264  | 1361117  | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96   | 34608    | 4.63  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.72  | 99   | 854286   | 26.30 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.87  | 67   | 555883   | 26.71 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.06  | 132  | 642685   | 27.62 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.23  | 113  | 694054   | 26.47 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.66  | 128  | 334970   | 29.42 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.38  | 143  | 380363   | 29.93 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 9.91  | 165  | 657103   | 27.39 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.42 | 131  | 866280   | 29.97 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.57 | 166  | 1943886  | 27.27 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 13.84 | 160  | 2487720  | 29.77 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.37 | 143  | 350953   | 24.76 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.15 | 176  | 1728591  | 27.84 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.29 | 200  | 207709   | 16.99 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.00 | 188  | 2493794  | 27.36 | ng/ul | 0.00     |
| 78) Pyrene-d10                 | 19.30 | 212  | 2669795  | 35.06 | ng/ul | 0.00     |
| 89) Benzo(a)pyrene-d12         | 23.12 | 264  | 1991117  | 29.03 | ng/ul | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 4) Benzaldehyde                | 6.68  | 77   | 26247    | 1.289  | ng/ul  | 96     |
| 44) Dimethylphthalate          | 13.62 | 163  | 181798   | 2.494  | ng/ul  | 97     |
| 69) Phenanthrene               | 16.95 | 178  | 1451149  | 13.434 | ng/ul  | 99     |
| 71) Anthracene                 | 17.03 | 178  | 287750   | 2.589  | ng/ul  | 99     |
| 74) Carbazole                  | 17.31 | 167  | 143175   | 1.491  | ng/ul  | 99     |
| 76) Fluoranthene               | 18.97 | 202  | 2721590  | 21.815 | ng/ul  | 98     |
| 79) Pyrene                     | 19.33 | 202  | 2336661  | 23.080 | ng/ul  | 99     |
| 82) Benzo(a)anthracene         | 21.10 | 228  | 1180301  | 11.966 | ng/ul  | 96     |
| 83) Bis(2-ethylhexyl)phthalate | 21.06 | 149  | 211866   | 3.104  | ng/ul  | 98     |
| 84) Chrysene                   | 21.15 | 228  | 1138485  | 12.011 | ng/ul  | 99     |
| 87) Benzo(b)fluoranthene       | 22.62 | 252  | 1423173  | 17.108 | ng/ul  | 98     |
| 88) Benzo(k)fluoranthene       | 22.66 | 252  | 327661   | 4.033  | ng/ul  | 99     |
| 90) Benzo(a)pyrene             | 23.16 | 252  | 832186   | 10.895 | ng/ul  | 100    |
| 91) Indeno(1,2,3-cd)pyrene     | 25.34 | 276  | 547152   | 5.913  | ng/ul# | 94     |
| 92) Dibenzo(a,h)anthracene     | 25.36 | 278  | 147119m  | 1.884  | ng/ul  | 94     |
| 93) Benzo(g,h,i)perylene       | 25.98 | 276  | 504811   | 6.519  | ng/ul  | 97     |

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

JU 12/28/19