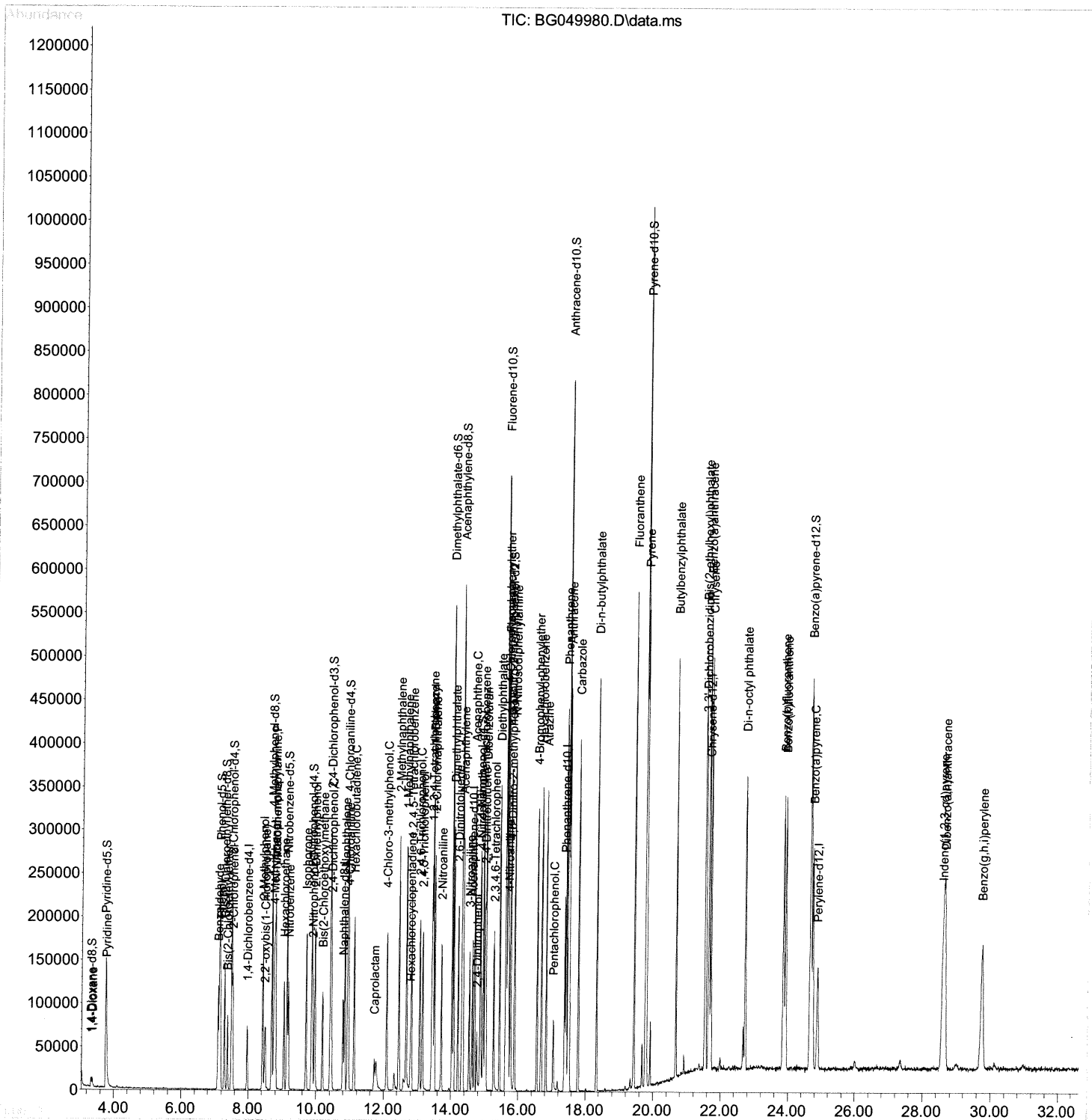


Quant Time: Aug 26 15:40:51 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Aug 20 10:07:50 2021  
Response via : Initial Calibration

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# Quantitation Report (Qedit)

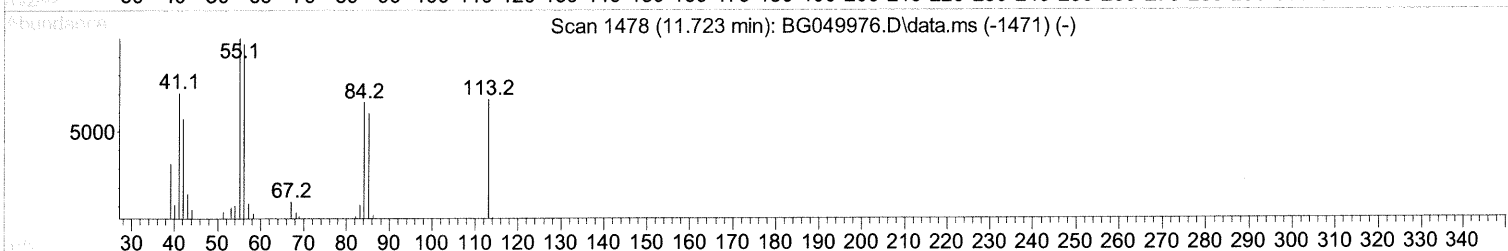
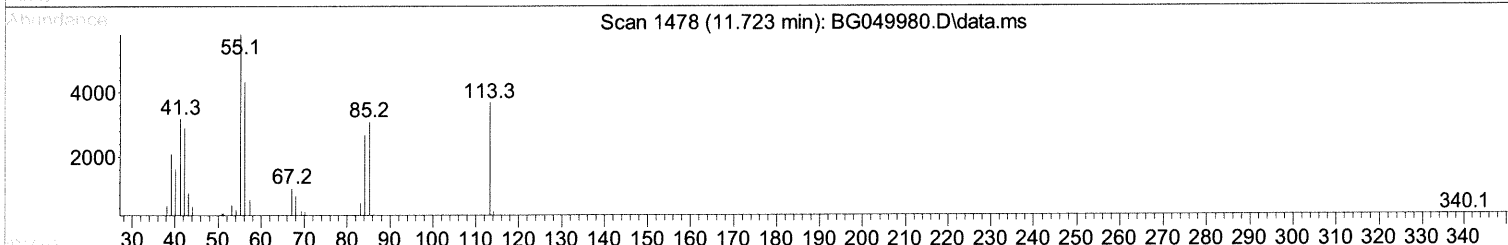
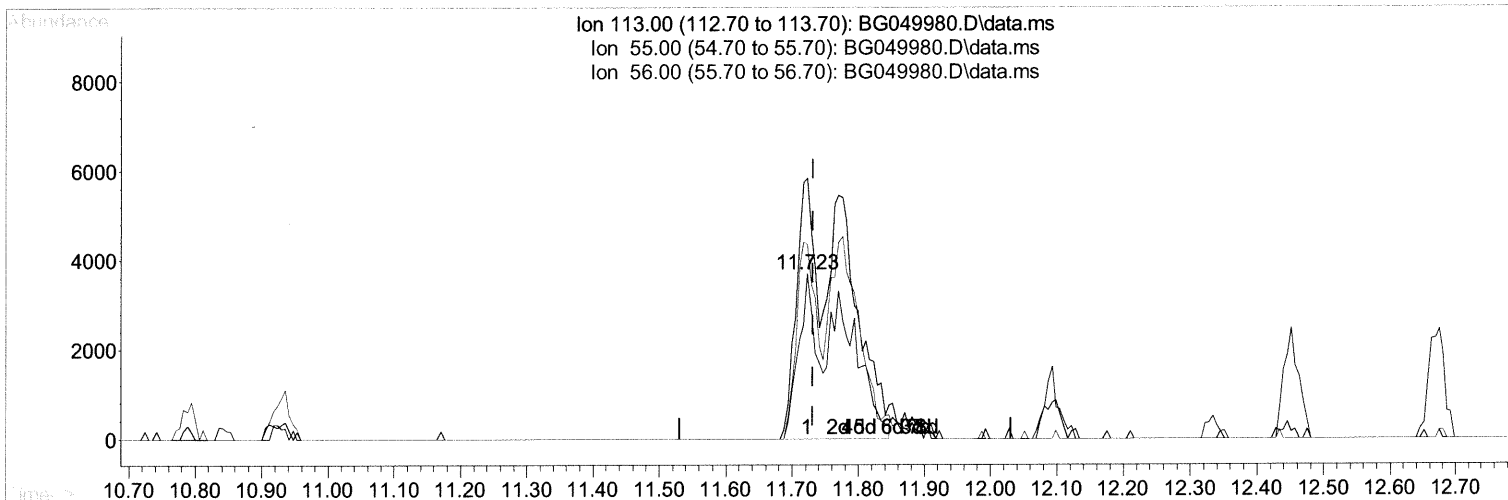
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082621\  
 Data File : BG049980.D  
 Acq On : 26 Aug 2021 14:24  
 Operator : CG/JU  
 Sample : PB138646BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SP5661

Manual Integrations  
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Quant Time: Aug 26 15:40:51 2021  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 20 10:07:50 2021  
 Response via : Initial Calibration



TIC: BG049980.D\data.ms

## (34) Caprolactam

11.723min (-0.009) 36.65 ng/ul m 08/30/21 JU

response 16848

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 142.50 | 157.67 |
| 56.00  | 134.20 | 117.61 |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

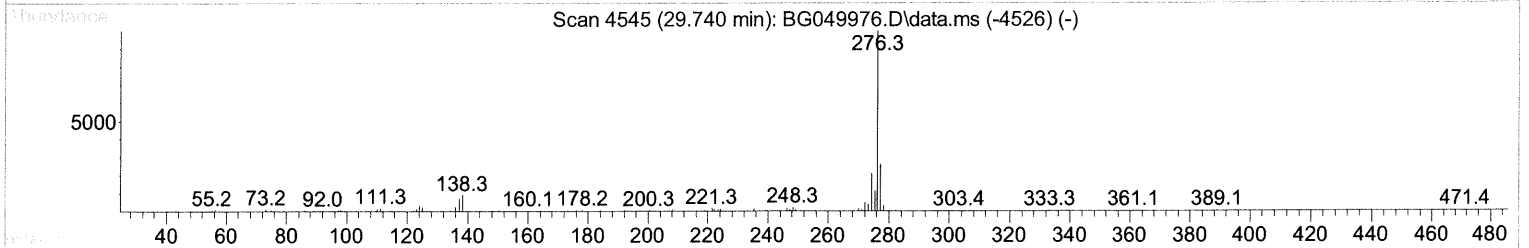
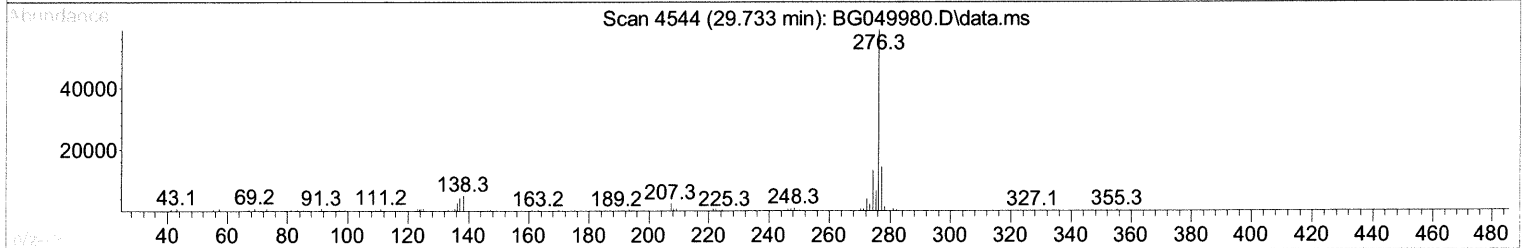
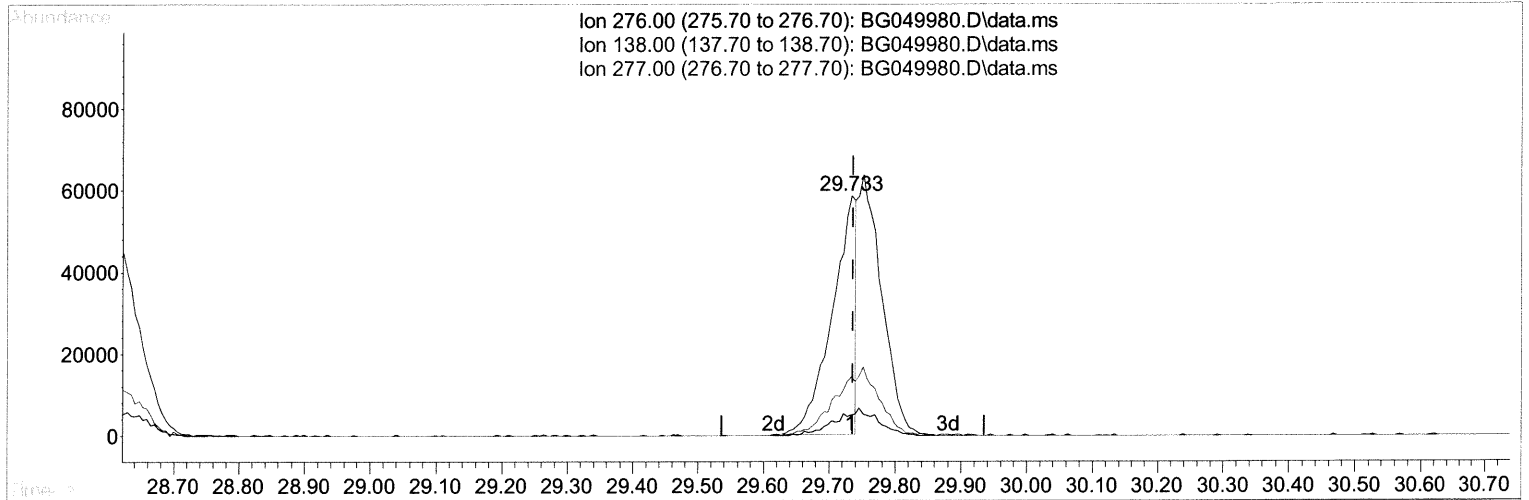
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082621\  
 Data File : BG049980.D  
 Acq On : 26 Aug 2021 14:24  
 Operator : CG/JU  
 Sample : PB138646BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 SP5661

Manual Integrations  
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 20 10:07:50 2021  
 Response via : Initial Calibration



TIC: BG049980.D\data.ms

(96) Benzo(g,h,i)perylene

29.733min (-0.003) 19.30 ng/ul

response 148556

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.80  | 8.60#  |
| 277.00 | 21.70  | 24.53  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

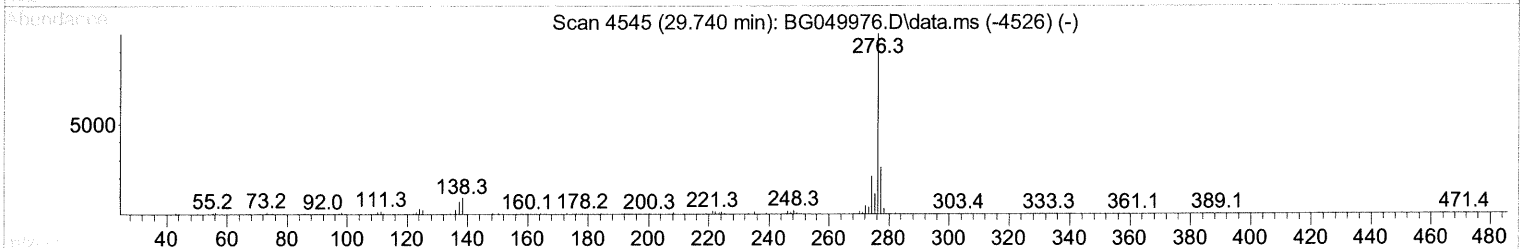
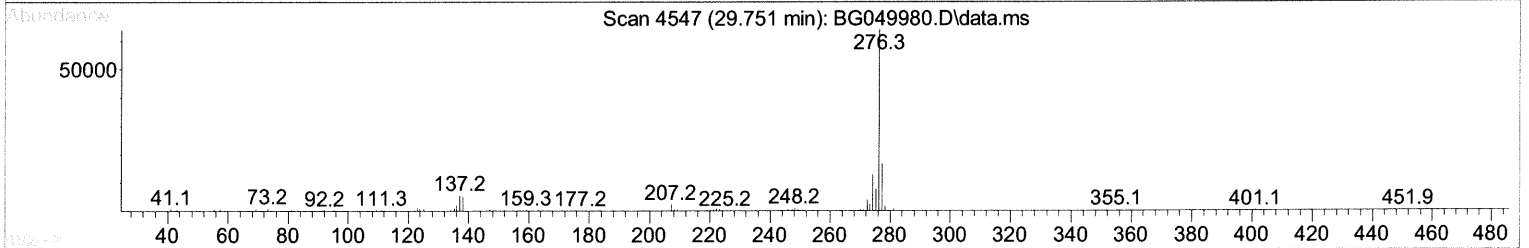
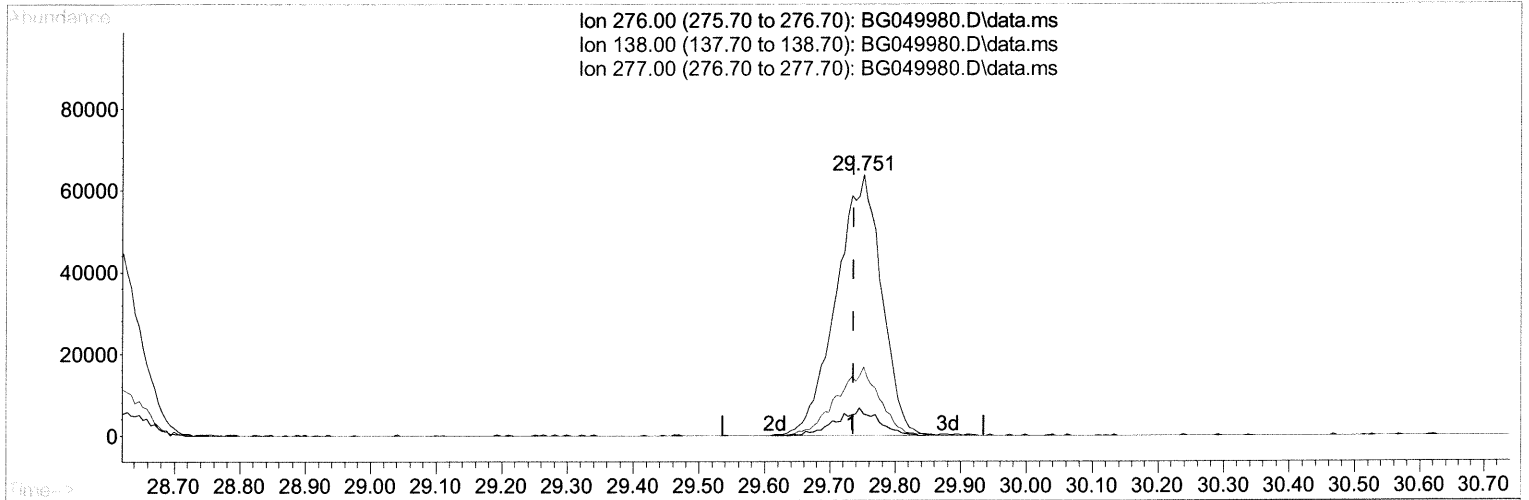
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082621\  
 Data File : BG049980.D  
 Acq On : 26 Aug 2021 14:24  
 Operator : CG/JU  
 Sample : PB138646BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SP5661

Manual Integrations  
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG081921.M  
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TIC: BG049980.D\data.ms

(96) Benzo(g,h,i)perylene

29.751min (+ 0.015) 39.75 ng/ul m 08/30/21 JU

response 306017

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 10.80  | 8.20#  |
| 277.00 | 21.70  | 26.35# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082621\  
 Data File : BG049980.D  
 Acq On : 26 Aug 2021 14:24  
 Operator : CG/JU  
 Sample : PB138646BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SP5661

Manual Integrations  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 20 10:07:50 2021  
 Response via : Initial Calibration

| Compound                  | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|---------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards        |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4 | 7.969  | 152  | 19430    | 20.000 | ng/ul | #-0.01   |
| 20) Naphthalene-d8        | 10.789 | 136  | 86841    | 20.000 | ng/ul | -0.01    |
| 38) Acenaphthene-d10      | 14.630 | 164  | 60465    | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10      | 17.385 | 188  | 137141   | 20.000 | ng/ul | 0.00     |
| 79) Chrysene-d12          | 21.656 | 240  | 122390   | 20.000 | ng/ul | 0.00     |
| 88) Perylene-d12          | 24.887 | 264  | 124955   | 20.000 | ng/ul | 0.00     |

|                               |        |     |        |        |       |       |
|-------------------------------|--------|-----|--------|--------|-------|-------|
| System Monitoring Compounds   |        |     |        |        |       |       |
| 3) 1,4-Dioxane-d8             | 3.328  | 96  | 5772   | 15.319 | ng/ul | -0.01 |
| 4) Pyridine-d5                | 3.751  | 84  | 88459  | 77.941 | ng/ul | -0.02 |
| 7) Phenol-d5                  | 7.141  | 99  | 129155 | 78.279 | ng/ul | 0.00  |
| 9) Bis-(2-Chloroethyl)eth...  | 7.293  | 67  | 72020  | 78.570 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4         | 7.505  | 132 | 99497  | 80.594 | ng/ul | 0.00  |
| 15) 4-Methylphenol-d8         | 8.691  | 113 | 100872 | 77.630 | ng/ul | 0.00  |
| 21) Nitrobenzene-d5           | 9.144  | 128 | 49795  | 73.961 | ng/ul | 0.00  |
| 24) 2-Nitrophenol-d4          | 9.866  | 143 | 59994  | 74.836 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3     | 10.418 | 165 | 106344 | 74.373 | ng/ul | 0.00  |
| 31) 4-Chloroaniline-d4        | 10.930 | 131 | 140620 | 72.253 | ng/ul | 0.00  |
| 46) Dimethylphthalate-d6      | 14.031 | 166 | 358588 | 77.491 | ng/ul | 0.00  |
| 49) Acenaphthylene-d8         | 14.325 | 160 | 425052 | 78.340 | ng/ul | 0.00  |
| 54) 4-Nitrophenol-d4          | 14.859 | 143 | 51251  | 76.550 | ng/ul | 0.00  |
| 60) Fluorene-d10              | 15.623 | 176 | 300881 | 76.688 | ng/ul | 0.00  |
| 65) 4,6-Dinitro-2-methylph... | 15.764 | 200 | 65523  | 74.264 | ng/ul | 0.00  |
| 73) Anthracene-d10            | 17.485 | 188 | 479104 | 77.798 | ng/ul | 0.00  |
| 81) Pyrene-d10                | 19.776 | 212 | 556513 | 84.144 | ng/ul | 0.00  |
| 92) Benzo(a)pyrene-d12        | 24.676 | 264 | 502661 | 75.825 | ng/ul | 0.00  |

|                               |        |     |        |        |         |             |
|-------------------------------|--------|-----|--------|--------|---------|-------------|
| Target Compounds              |        |     |        | Qvalue |         |             |
| 2) 1,4-Dioxane                | 3.363  | 88  | 7147   | 15.559 | ng/ul#  | 84          |
| 5) Pyridine                   | 3.774  | 79  | 47394  | 38.637 | ng/ul   | 92          |
| 6) Benzaldehyde               | 7.099  | 77  | 42420  | 44.678 | ng/ul   | 96          |
| 8) Phenol                     | 7.170  | 94  | 71079  | 42.651 | ng/ul   | 94          |
| 10) Bis(2-Chloroethyl)ether   | 7.381  | 93  | 48300  | 41.984 | ng/ul   | 95          |
| 12) 2-Chlorophenol            | 7.534  | 128 | 53740  | 44.052 | ng/ul#  | 89          |
| 13) 2-Methylphenol            | 8.427  | 108 | 53971  | 41.977 | ng/ul   | 99          |
| 14) 2,2'-oxybis(1-Chloropr... | 8.492  | 45  | 50757  | 42.074 | ng/ul   | 97          |
| 16) Acetophenone              | 8.797  | 105 | 90110  | 42.523 | ng/ul   | 96          |
| 17) N-Nitroso-di-n-propyla... | 8.779  | 70  | 46471  | 43.674 | ng/ul   | 97          |
| 18) 4-Methylphenol            | 8.756  | 108 | 59028  | 42.676 | ng/ul   | 84          |
| 19) Hexachloroethane          | 9.056  | 117 | 23869  | 44.708 | ng/ul   | 96          |
| 22) Nitrobenzene              | 9.185  | 77  | 71914  | 39.420 | ng/ul   | 98          |
| 23) Isophorone                | 9.708  | 82  | 129102 | 39.719 | ng/ul   | 95          |
| 25) 2-Nitrophenol             | 9.901  | 139 | 33693  | 43.229 | ng/ul   | 92          |
| 26) 2,4-Dimethylphenol        | 9.960  | 107 | 70210  | 40.533 | ng/ul   | 98          |
| 27) Bis(2-Chloroethoxy)met... | 10.189 | 93  | 68226  | 40.648 | ng/ul   | 100         |
| 29) 2,4-Dichlorophenol        | 10.448 | 162 | 56555  | 43.093 | ng/ul   | 97          |
| 30) Naphthalene               | 10.841 | 128 | 174644 | 40.235 | ng/ul   | 98          |
| 32) 4-Chloroaniline           | 10.953 | 127 | 71470  | 38.131 | ng/ul   | 89          |
| 33) Hexachlorobutadiene       | 11.117 | 225 | 42780  | 40.294 | ng/ul   | 98          |
| 34) Caprolactam               | 11.723 | 113 | 16848m | 36.649 | ng/ul > | 08/30/21 JU |
| 35) 4-Chloro-3-methylphenol   | 12.093 | 107 | 65639  | 41.849 | ng/ul   | 95          |

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 20 10:07:50 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.451 | 142  | 129940   | 40.272 | ng/ul  | 100      |
| 37) 1-Methylnaphthalene       | 12.674 | 142  | 126017   | 38.693 | ng/ul  | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.821 | 216  | 74478    | 41.937 | ng/ul# | 95       |
| 40) Hexachlorocyclopentadiene | 12.798 | 237  | 14210    | 17.878 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 13.068 | 196  | 47061    | 41.582 | ng/ul  | 88       |
| 42) 2,4,5-Trichlorophenol     | 13.150 | 196  | 48035    | 40.496 | ng/ul  | 90       |
| 43) 1,1'-Biphenyl             | 13.461 | 154  | 170614   | 40.389 | ng/ul  | 97       |
| 44) 2-Chloronaphthalene       | 13.508 | 162  | 136776   | 40.310 | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 13.714 | 65   | 48823    | 42.380 | ng/ul  | 93       |
| 47) Dimethylphthalate         | 14.078 | 163  | 184941   | 40.383 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.207 | 165  | 40528    | 42.864 | ng/ul# | 88       |
| 50) Acenaphthylene            | 14.354 | 152  | 199333   | 40.197 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.542 | 138  | 37850    | 41.485 | ng/ul  | 96       |
| 52) Acenaphthene              | 14.695 | 153  | 143860   | 39.992 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.765 | 184  | 17077    | 35.363 | ng/ul# | 86       |
| 55) 4-Nitrophenol             | 14.871 | 109  | 32803    | 38.644 | ng/ul  | 95       |
| 56) Dibenzofuran              | 15.030 | 168  | 200657   | 40.280 | ng/ul  | 96       |
| 57) 2,4-Dinitrotoluene        | 15.000 | 165  | 57046    | 41.945 | ng/ul  | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.271 | 232  | 40370    | 41.071 | ng/ul# | 97       |
| 59) Diethylphthalate          | 15.441 | 149  | 194106   | 41.432 | ng/ul  | 98       |
| 61) Fluorene                  | 15.682 | 166  | 167218   | 39.787 | ng/ul  | 97       |
| 62) 4-Chlorophenyl-phenyle... | 15.664 | 204  | 90346    | 40.628 | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.705 | 138  | 38772    | 42.585 | ng/ul  | 92       |
| 66) 4,6-Dinitro-2-methylph... | 15.776 | 198  | 30863    | 38.592 | ng/ul  | 97       |
| 67) N-Nitrosodiphenylamine    | 15.887 | 169  | 148379   | 41.095 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.563 | 248  | 63846    | 42.084 | ng/ul  | 97       |
| 69) Hexachlorobenzene         | 16.692 | 284  | 71999    | 41.099 | ng/ul  | 96       |
| 70) Atrazine                  | 16.833 | 200  | 68729    | 42.848 | ng/ul  | 92       |
| 71) Pentachlorophenol         | 17.045 | 266  | 18794    | 25.335 | ng/ul  | 93       |
| 72) Phenanthrene              | 17.427 | 178  | 286012   | 41.834 | ng/ul  | 98       |
| 74) Anthracene                | 17.521 | 178  | 281424   | 40.620 | ng/ul# | 93       |
| 75) 1,2,3,4-Tetrachloroben... | 13.432 | 216  | 74316    | 40.390 | ng/ul  | 93       |
| 76) Pentachlorobenzene        | 14.953 | 250  | 78345    | 40.184 | ng/ul  | 96       |
| 77) Carbazole                 | 17.791 | 167  | 257322   | 41.739 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.337 | 149  | 330714   | 41.944 | ng/ul  | 97       |
| 80) Fluoranthene              | 19.442 | 202  | 356882   | 43.728 | ng/ul  | 99       |
| 82) Pyrene                    | 19.806 | 202  | 346424   | 42.835 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.675 | 149  | 136803   | 42.865 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.550 | 252  | 121265   | 41.798 | ng/ul# | 96       |
| 85) Benzo(a)anthracene        | 21.639 | 228  | 315946   | 41.429 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.527 | 149  | 182940   | 41.739 | ng/ul  | 100      |
| 87) Chrysene                  | 21.703 | 228  | 309029   | 42.867 | ng/ul  | 96       |
| 89) Di-n-octyl phthalate      | 22.731 | 149  | 300150   | 40.491 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.859 | 252  | 320045   | 40.041 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.924 | 252  | 317295   | 41.763 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.740 | 252  | 284033   | 40.918 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.582 | 276  | 370242   | 40.434 | ng/ul# | 98       |
| 95) Dibenzo(a,h)anthracene    | 28.647 | 278  | 312519   | 40.770 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 29.751 | 276  | 306017m  | 39.752 | ng/ul  | 08/30/21 |

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