

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070824\  
 Data File : BG061979.D  
 Acq On : 9 Jul 2024 18:41  
 Operator : MA/JU  
 Sample : P3035-24  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4CC9

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/10/2024  
 Supervised By :mohammad ahmed 07/10/2024

Quant Time: Jul 09 23:59:43 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070224.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 03 02:38:46 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.091  | 152  | 36559    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.906 | 136  | 190255   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.713 | 164  | 146687   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.457 | 188  | 344597   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.711 | 240  | 311847   | 20.000 | ng/ul  | -0.01    |
| 88) Perylene-d12              | 24.948 | 264  | 362964   | 20.000 | ng/ul  | -0.01    |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.485  | 96   | 3466m    | 3.563  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.902  | 84   | 45063    | 15.064 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.245  | 99   | 75857    | 18.960 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.416  | 67   | 47191    | 18.626 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.621  | 132  | 53887    | 19.635 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.790  | 113  | 63775    | 20.245 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.260  | 128  | 30008    | 20.739 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.977  | 143  | 36758    | 22.245 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.518 | 165  | 72152    | 22.638 | ng/ul  | -0.01    |
| 31) 4-Chloroaniline-d4        | 11.035 | 131  | 94179    | 20.353 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.114 | 166  | 274572   | 22.768 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.413 | 160  | 283738   | 22.501 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.901 | 143  | 38832    | 20.163 | ng/ul  | -0.01    |
| 60) Fluorene-d10              | 15.706 | 176  | 242466   | 23.883 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.812 | 200  | 38150    | 21.080 | ng/ul  | -0.01    |
| 73) Anthracene-d10            | 17.557 | 188  | 360774   | 22.424 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.830 | 212  | 425637   | 23.205 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.731 | 264  | 444904   | 24.715 | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
| 80) Fluoranthene              | 19.496 | 202  | 27019    | 1.245  | ng/ul# | 98       |
| 82) Pyrene                    | 19.860 | 202  | 22597    | 1.008  | ng/ul# | 94       |
| -----                         |        |      |          |        |        |          |

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

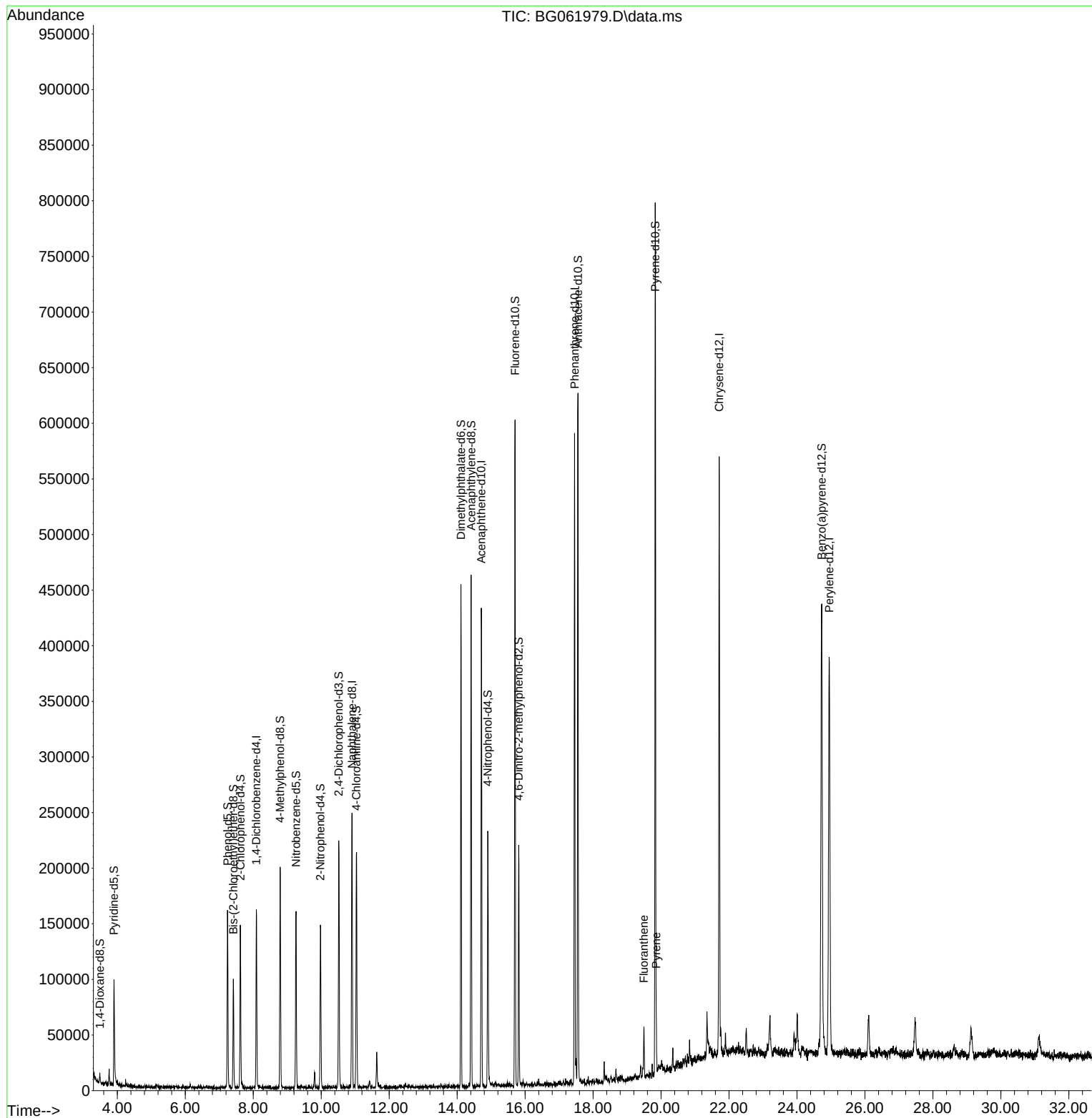
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070824\  
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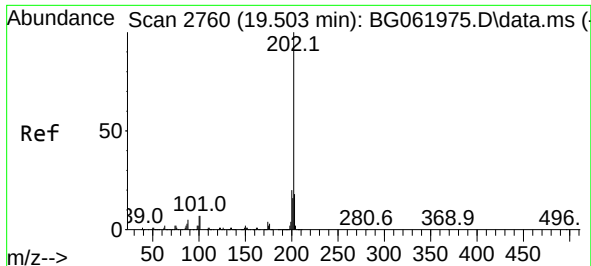
Instrument :  
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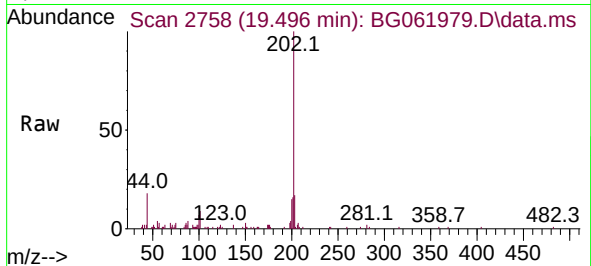
Reviewed By :Yogesh Patel 07/10/2024  
Supervised By :mohammad ahmed 07/10/2024





#80  
Fluoranthene  
Concen: 1.245 ng/ul  
RT: 19.496 min Scan# 2760  
Delta R.T. -0.009 min  
Lab File: BG061979.D  
Acq: 9 Jul 2024 18:41

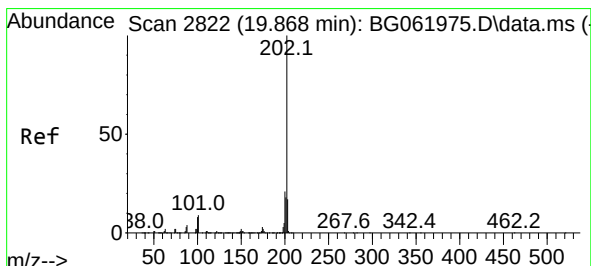
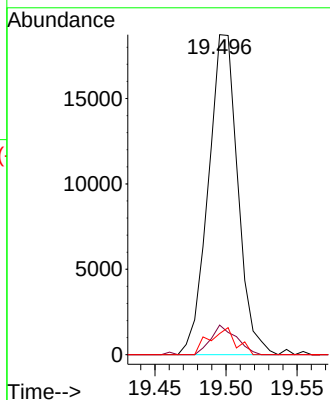
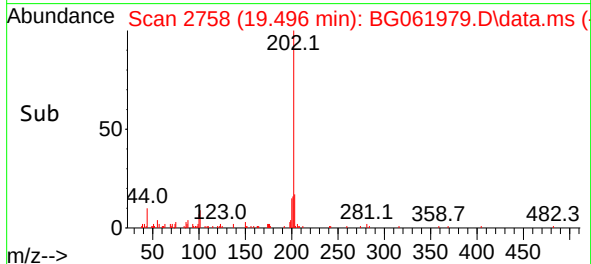
Instrument :  
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ClientSampleId :  
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Tgt Ion:202 Resp: 27019  
Ion Ratio Lower Upper  
202 100  
101 9.3 7.4 11.2  
100 6.6 6.6 10.0

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/10/2024  
Supervised By :mohammad ahmed 07/10/2024



#82  
Pyrene  
Concen: 1.008 ng/ul  
RT: 19.860 min Scan# 2820  
Delta R.T. -0.009 min  
Lab File: BG061979.D  
Acq: 9 Jul 2024 18:41

Tgt Ion:202 Resp: 22597  
Ion Ratio Lower Upper  
202 100  
101 12.5 8.8 13.2  
100 12.8 7.6 11.4

