

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
 Data File : BG061545.D  
 Acq On : 7 Jun 2024 23:05  
 Operator : MA/JU  
 Sample : P2640-15  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4C39

Quant Time: Jun 08 00:32:02 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 06 12:15:45 2024  
 Response via : Initial Calibration

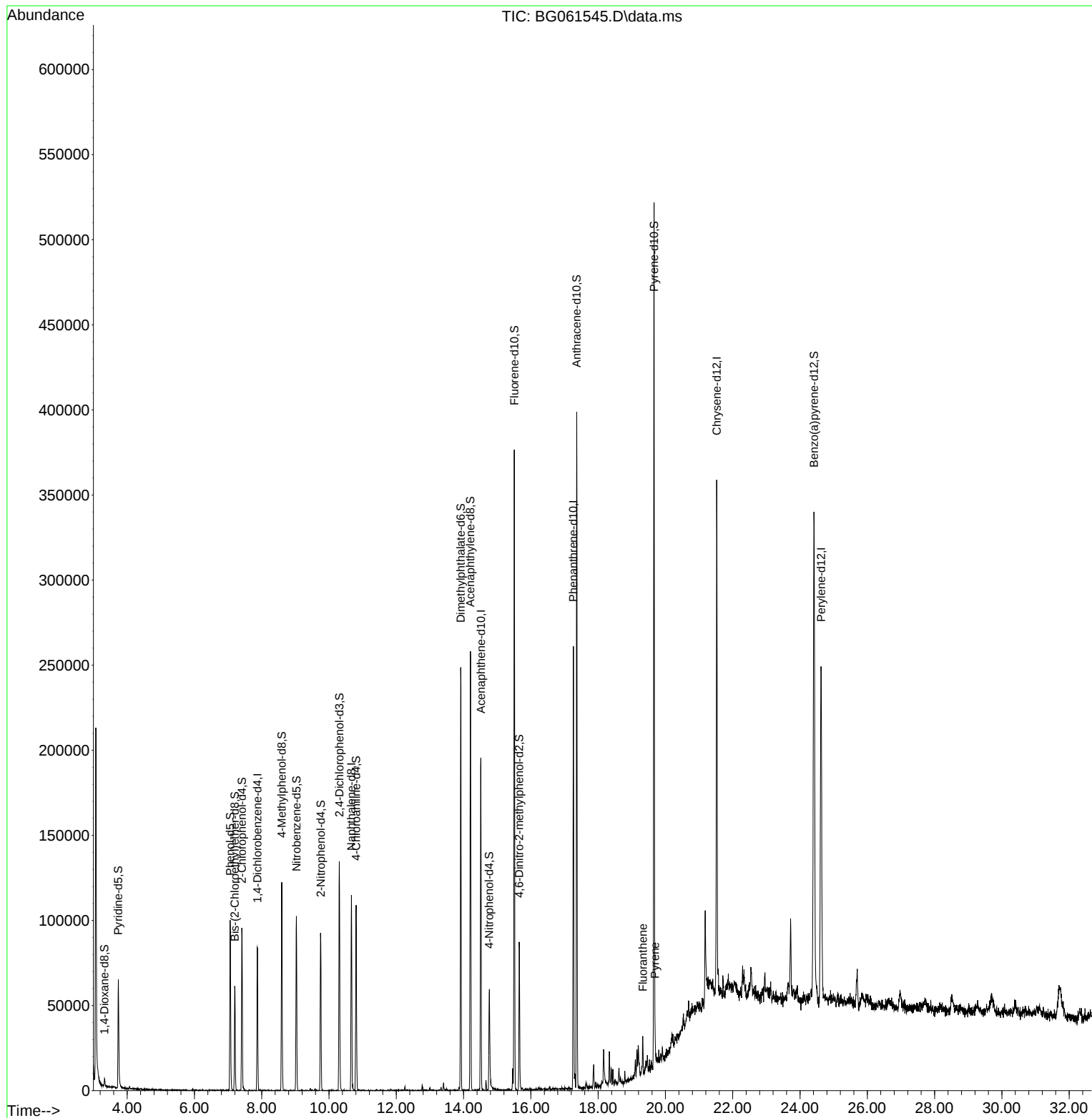
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.868  | 152  | 22876    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.665 | 136  | 91536    | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.513 | 164  | 70493    | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.263 | 188  | 165867   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.523 | 240  | 176996   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.625 | 264  | 205560   | 20.000 | ng/u1  | 0.02     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.327  | 96   | 1988     | 4.863  | ng/uL  | -0.03    |
| 4) Pyridine-d5                | 3.738  | 84   | 30091    | 20.692 | ng/u1  | -0.03    |
| 7) Phenol-d5                  | 7.063  | 99   | 48328    | 25.726 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.199  | 67   | 28589    | 24.212 | ng/u1  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.410  | 132  | 40509    | 29.137 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.597  | 113  | 41097    | 25.656 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.032  | 128  | 20508    | 29.099 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.754  | 143  | 25081    | 30.408 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.307 | 165  | 50350    | 31.312 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.806 | 131  | 52224    | 24.825 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.914 | 166  | 165808   | 30.327 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.202 | 160  | 180018   | 31.671 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.760 | 143  | 14708    | 21.760 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.506 | 176  | 150194   | 31.819 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.653 | 200  | 21217    | 21.149 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.363 | 188  | 238018   | 32.549 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.660 | 212  | 281635   | 30.990 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.414 | 264  | 316427   | 32.019 | ng/u1  | 0.02     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 80) Fluoranthene              | 19.325 | 202  | 13537    | 1.242  | ng/u1  | 99       |
| 82) Pyrene                    | 19.690 | 202  | 13571    | 1.199  | ng/u1# | 96       |
| -----                         |        |      |          |        |        |          |

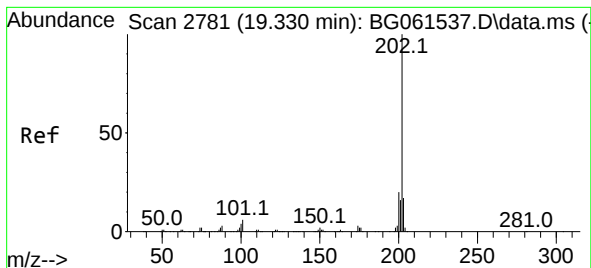
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 08 00:32:02 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 06 12:15:45 2024  
Response via : Initial Calibration





#80

Fluoranthene

Concen: 1.242 ng/ul

RT: 19.325 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG061545.D

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BNA\_G

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A4C39

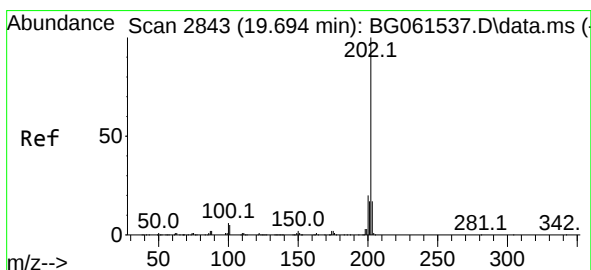
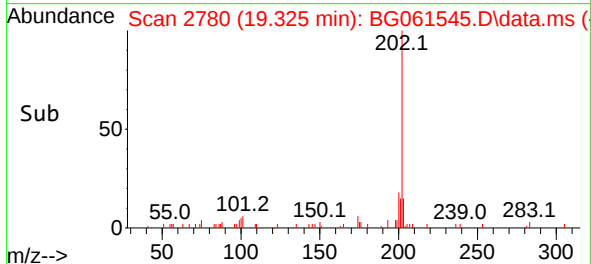
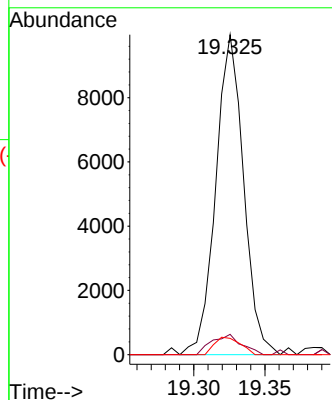
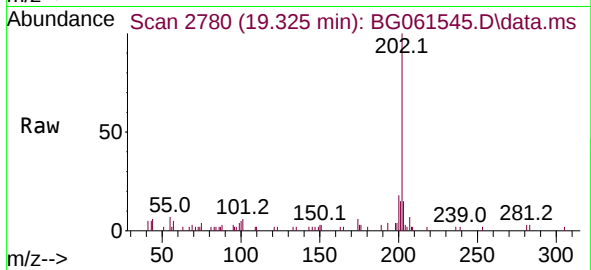
Tgt Ion:202 Resp: 13537

Ion Ratio Lower Upper

202 100

101 6.3 4.8 7.2

100 5.1 4.1 6.1



#82

Pyrene

Concen: 1.199 ng/ul

RT: 19.690 min Scan# 2842

Delta R.T. 0.004 min

Lab File: BG061545.D

Acq: 7 Jun 2024 23:05

Tgt Ion:202 Resp: 13571

Ion Ratio Lower Upper

202 100

101 4.9 5.7 8.5#

100 6.9 5.1 7.7

