

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060724\  
 Data File : BG061561.D  
 Acq On : 8 Jun 2024 10:42  
 Operator : MA/JU  
 Sample : P2647-21  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BHBT5

Quant Time: Jun 09 23:00:09 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

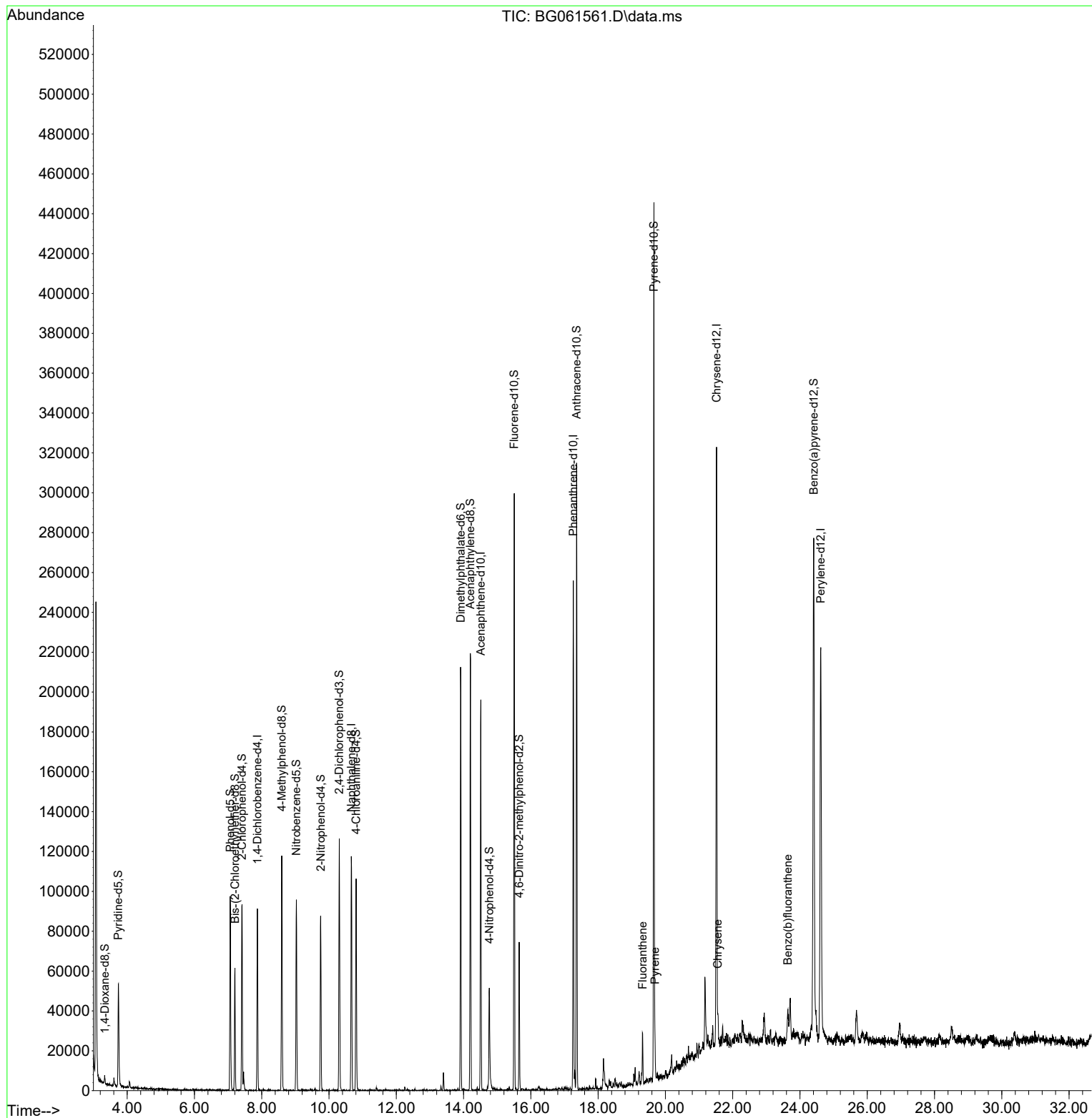
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.872  | 152  | 24852    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.663 | 136  | 93667    | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.511 | 164  | 71179    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.261 | 188  | 163041   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.521 | 240  | 178052   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.617 | 264  | 206430   | 20.000 | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.336  | 96   | 1837     | 4.137  | ng/uL  | -0.02    |
| 4) Pyridine-d5                | 3.736  | 84   | 25935    | 16.416 | ng/ul  | -0.03    |
| 7) Phenol-d5                  | 7.061  | 99   | 47304    | 23.178 | ng/ul  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.202  | 67   | 28312    | 22.071 | ng/ul  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.414  | 132  | 38852    | 25.723 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.595  | 113  | 41027    | 23.576 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.029  | 128  | 20076    | 27.838 | ng/ul  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.752  | 143  | 24161    | 28.626 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.304 | 165  | 46825    | 28.458 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.804 | 131  | 50003    | 23.228 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.912 | 166  | 140549   | 25.459 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.200 | 160  | 155832   | 27.152 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.764 | 143  | 13276    | 19.452 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.504 | 176  | 125391   | 26.309 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.651 | 200  | 17908    | 18.160 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.361 | 188  | 193254   | 26.886 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.658 | 212  | 250356   | 27.385 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.411 | 264  | 277039   | 27.915 | ng/ul  | 0.01     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        | Qvalue   |
| 80) Fluoranthene              | 19.323 | 202  | 16848    | 1.536  | ng/ul# | 98       |
| 82) Pyrene                    | 19.687 | 202  | 17586    | 1.545  | ng/ul# | 93       |
| 87) Chrysene                  | 21.556 | 228  | 11793    | 1.042  | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.642 | 252  | 17690    | 1.439  | ng/ul# | 91       |
| -----                         |        |      |          |        |        |          |

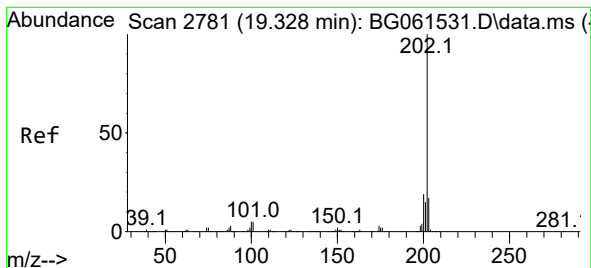
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 06 12:15:45 2024  
Response via : Initial Calibration





#80

Fluoranthene

Concen: 1.536 ng/ul

RT: 19.323 min Scan# 2781

Delta R.T. 0.002 min

Lab File: BG061561.D

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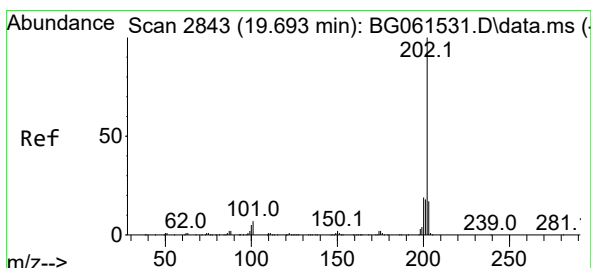
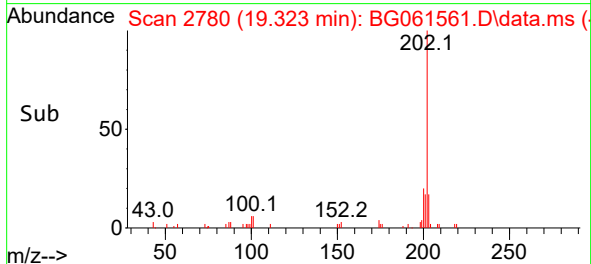
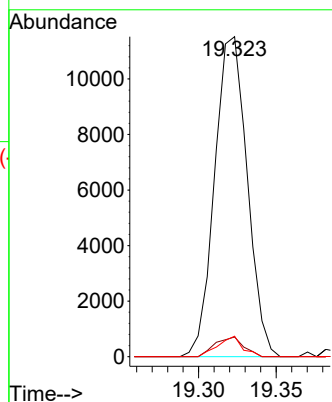
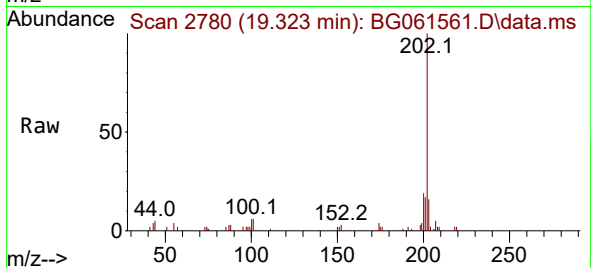
Tgt Ion:202 Resp: 16848

Ion Ratio Lower Upper

202 100

101 6.1 4.8 7.2

100 6.4 4.1 6.1#



#82

Pyrene

Concen: 1.545 ng/ul

RT: 19.687 min Scan# 2842

Delta R.T. 0.002 min

Lab File: BG061561.D

Acq: 8 Jun 2024 10:42

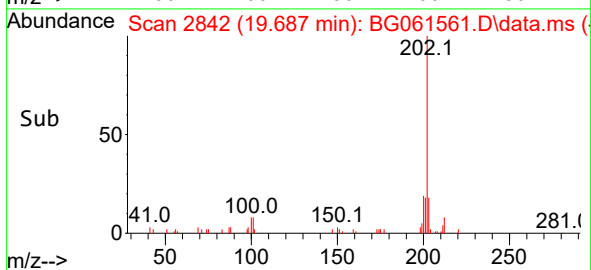
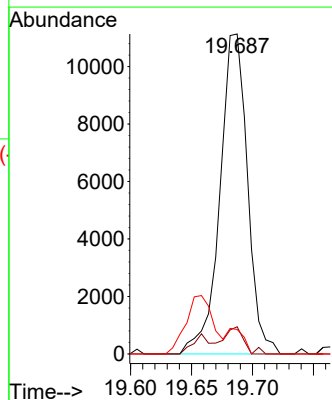
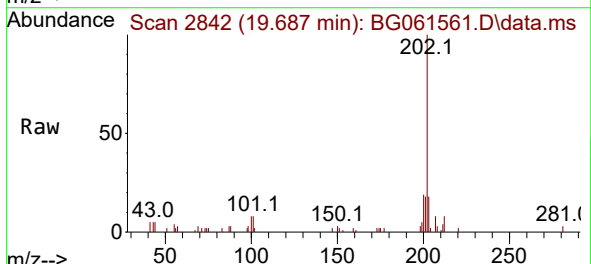
Tgt Ion:202 Resp: 17586

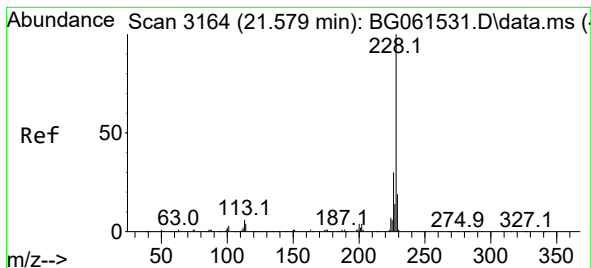
Ion Ratio Lower Upper

202 100

101 10.8 5.7 8.5#

100 7.7 5.1 7.7





#87

Chrysene

Concen: 1.042 ng/ul

RT: 21.556 min Scan# 3160

Delta R.T. -0.010 min

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ClientSampleId :

BHBT5

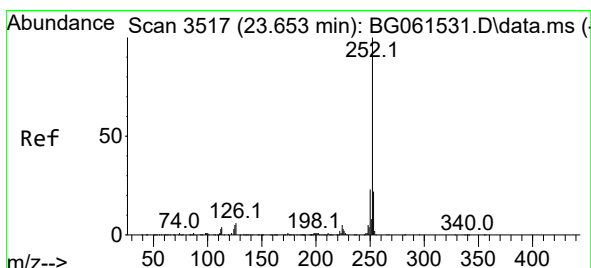
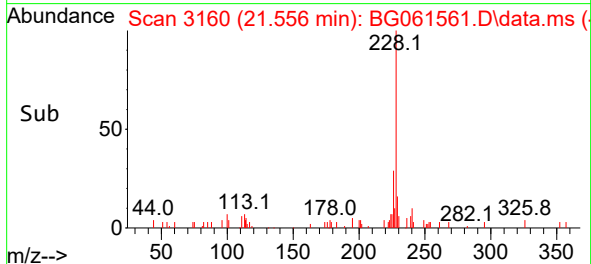
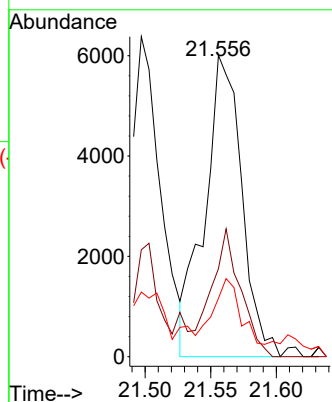
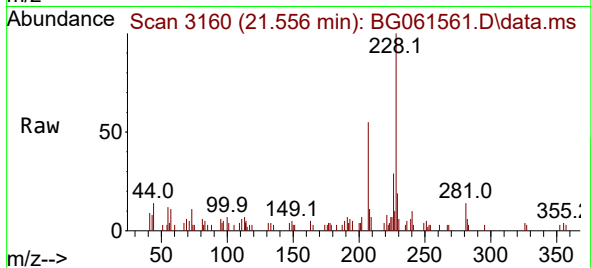
Tgt Ion:228 Resp: 11793

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.0

229 19.4 15.4 23.2



#90

Benzo(b)fluoranthene

Concen: 1.439 ng/ul

RT: 23.642 min Scan# 3515

Delta R.T. 0.007 min

Lab File: BG061561.D

Acq: 8 Jun 2024 10:42

Tgt Ion:252 Resp: 17690

Ion Ratio Lower Upper

252 100

253 26.3 17.8 26.8

125 9.7 4.6 6.8#

