

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071323\  
 Data File : BG058220.D  
 Acq On : 14 Jul 2023 6:40  
 Operator : CG/JU  
 Sample : 03418-14  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A46J3

Quant Time: Jul 14 07:20:51 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 13 14:01:20 2023  
 Response via : Initial Calibration

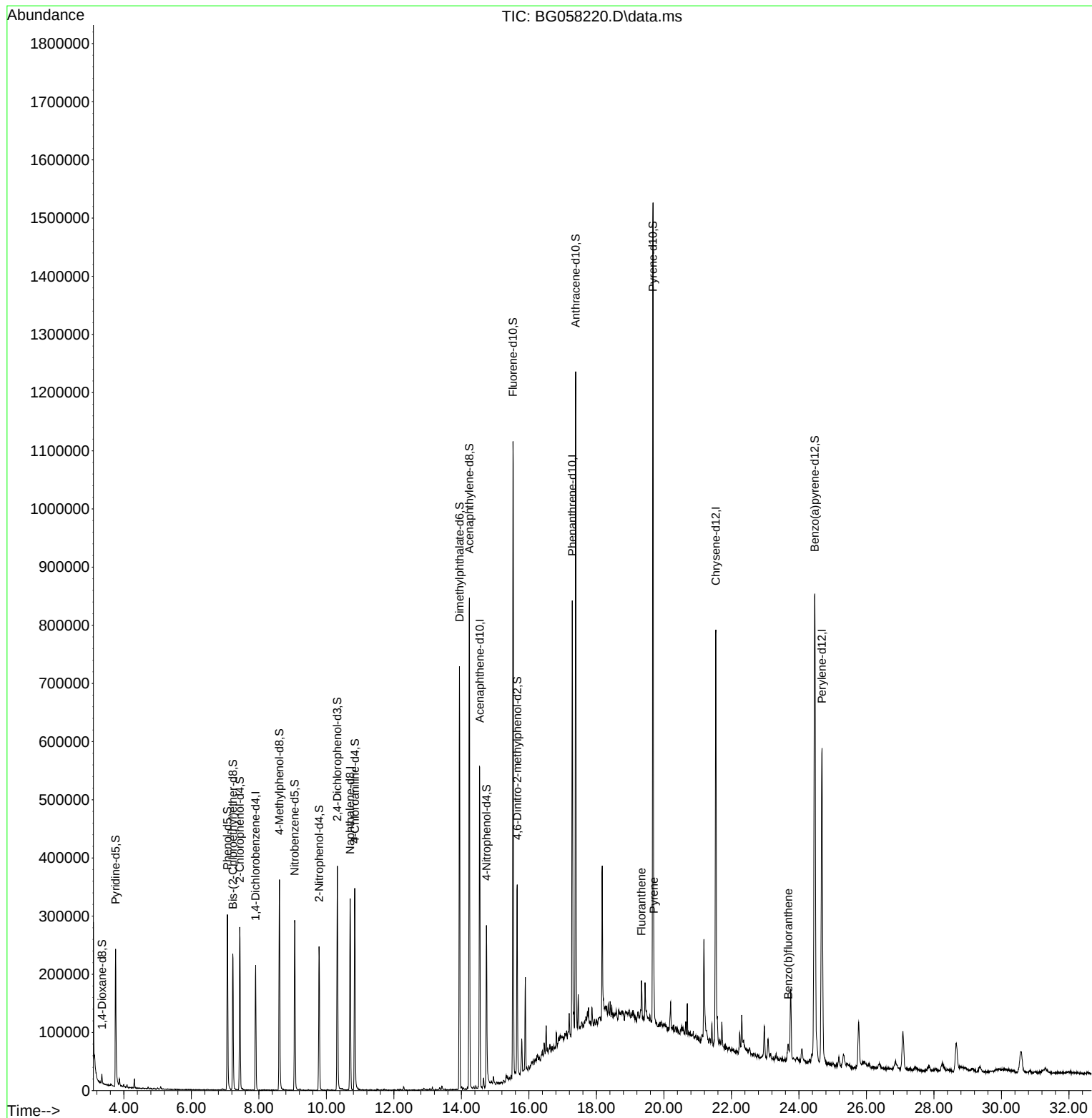
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.903  | 152  | 61728    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.705 | 136  | 289616   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.542 | 164  | 205973   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.286 | 188  | 480550   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.540 | 240  | 434649   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.683 | 264  | 533043   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.349  | 96   | 8471     | 4.805  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.755  | 84   | 131057   | 24.489 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.068  | 99   | 195614   | 31.030 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.227  | 67   | 118867   | 31.289 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.433  | 132  | 134472   | 30.928 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.608  | 113  | 147893   | 31.092 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.060  | 128  | 74325    | 31.487 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.783  | 143  | 85524    | 34.474 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.323 | 165  | 155043   | 32.578 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.841 | 131  | 201590   | 27.938 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.943 | 166  | 514519   | 31.660 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.237 | 160  | 598337   | 33.739 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.742 | 143  | 80979    | 28.203 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.529 | 176  | 468942   | 33.977 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.653 | 200  | 79525    | 30.476 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.386 | 188  | 709634   | 31.824 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.677 | 212  | 861476   | 31.470 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.466 | 264  | 913157   | 33.625 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 80) Fluoranthene              | 19.336 | 202  | 41307    | 1.302  | ng/ul  | 99       |
| 82) Pyrene                    | 19.701 | 202  | 43044    | 1.348  | ng/ul  | 98       |
| 90) Benzo(b)fluoranthene      | 23.684 | 252  | 35121    | 1.064  | ng/ul# | 94       |
| -----                         |        |      |          |        |        |          |

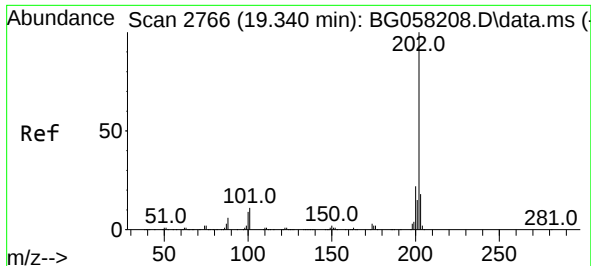
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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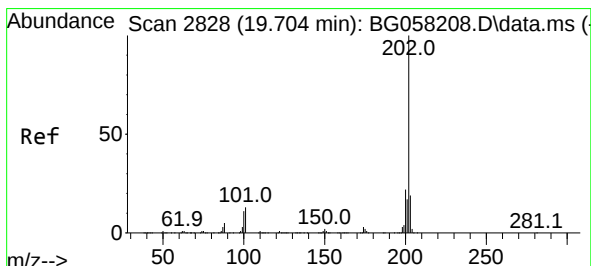
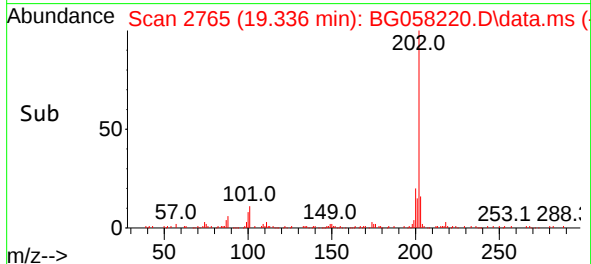
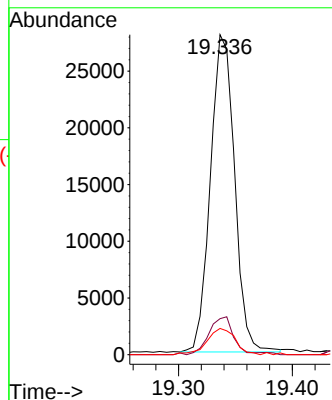
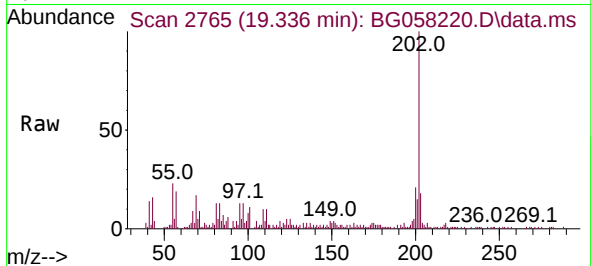




#80  
Fluoranthene  
Concen: 1.302 ng/ul  
RT: 19.336 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG058220.D  
Acq: 14 Jul 2023 6:40

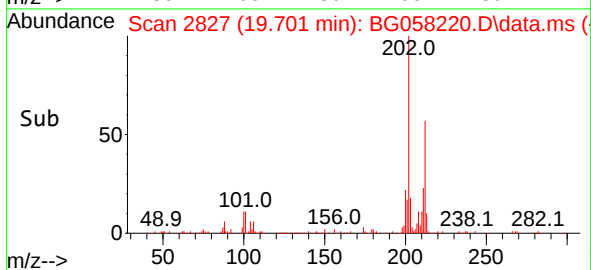
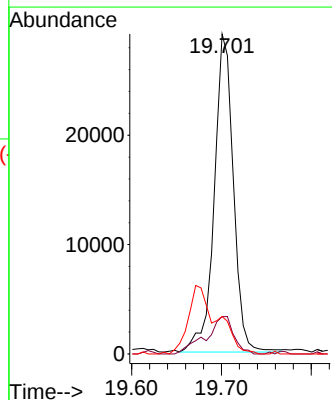
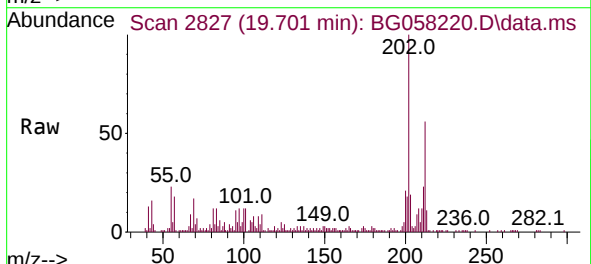
Instrument :  
BNA\_G  
ClientSampleId :  
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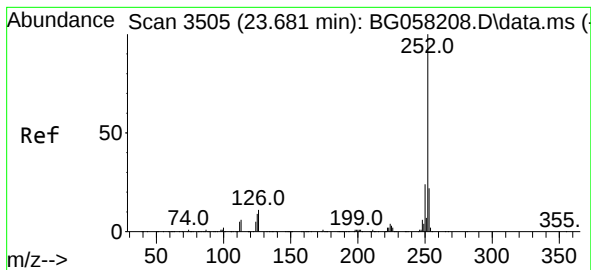
Tgt Ion:202 Resp: 41307  
Ion Ratio Lower Upper  
202 100  
101 11.3 9.1 13.7  
100 8.2 7.1 10.7



#82  
Pyrene  
Concen: 1.348 ng/ul  
RT: 19.701 min Scan# 2827  
Delta R.T. -0.003 min  
Lab File: BG058220.D  
Acq: 14 Jul 2023 6:40

Tgt Ion:202 Resp: 43044  
Ion Ratio Lower Upper  
202 100  
101 11.6 10.2 15.2  
100 11.7 8.9 13.3





#90

Benzo(b)fluoranthene

Concen: 1.064 ng/ul

RT: 23.684 min Scan# 3

Delta R.T. -0.003 min

Lab File: BG058220.D

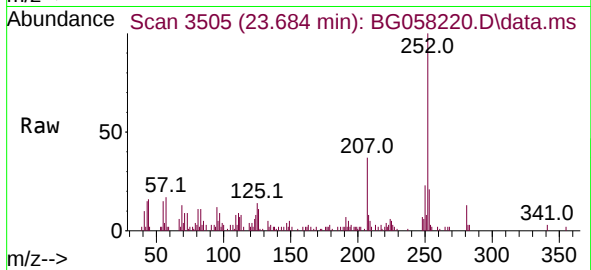
Acq: 14 Jul 2023 6:40

Instrument :

BNA\_G

ClientSampleId :

A46J3



Tgt Ion:252 Resp: 35121

Ion Ratio Lower Upper

252 100

253 21.1 18.1 27.1

125 13.7 7.5 11.3#

