

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
 Data File : BG057998.D  
 Acq On : 4 Jul 2023 22:29  
 Operator : CG/JU  
 Sample : 03248-07  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jul 05 00:15:10 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG070123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 04 05:09:13 2023  
 Response via : Initial Calibration

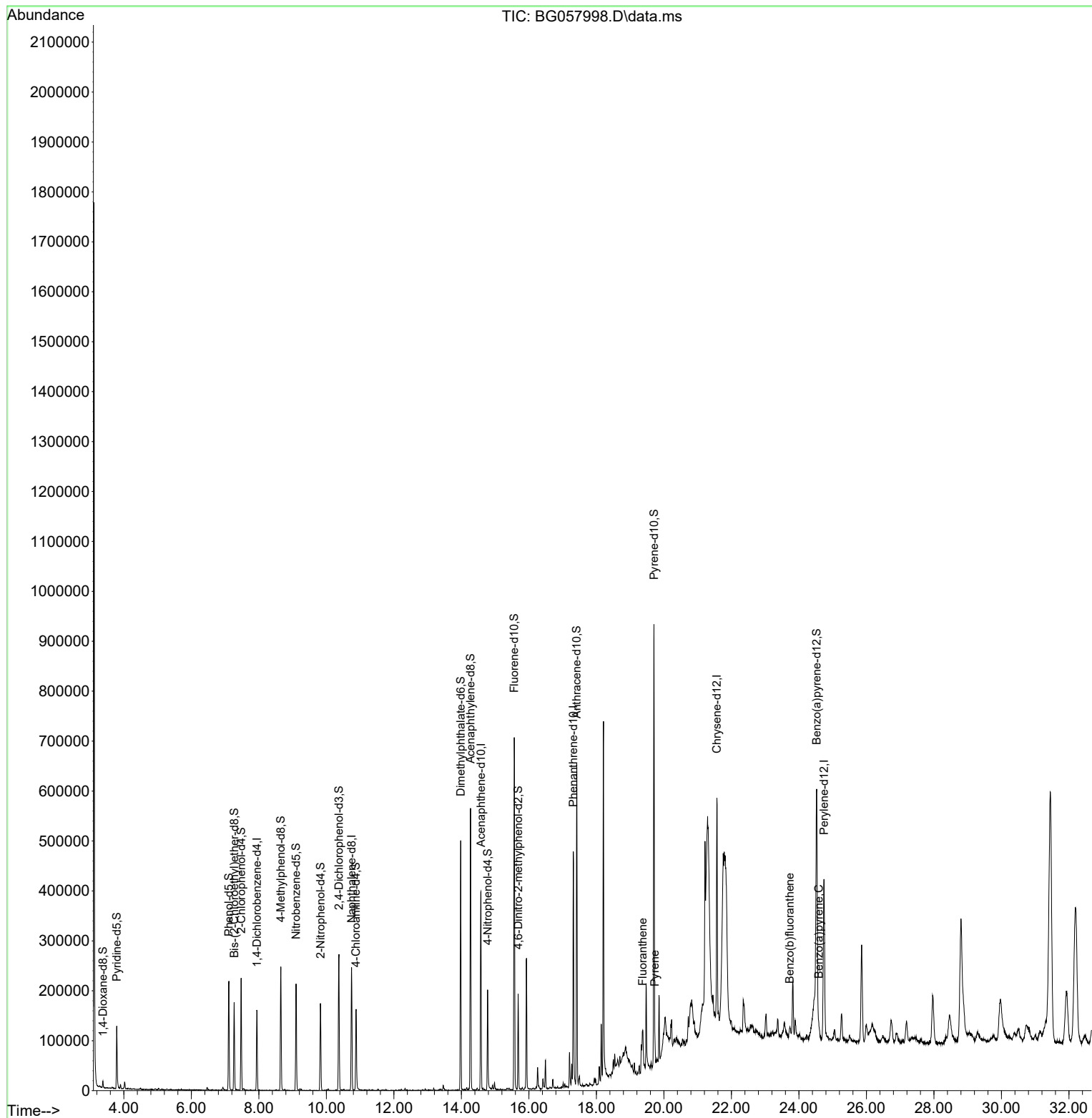
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.944  | 152  | 45427    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.747 | 136  | 211877   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.577 | 164  | 144947   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.315 | 188  | 315199   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.569 | 240  | 259230   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.742 | 264  | 313283   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.379  | 96   | 6086     | 4.691  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.790  | 84   | 69836    | 17.732 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.110  | 99   | 135710   | 29.253 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.268  | 67   | 84843    | 30.347 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.474  | 132  | 103974   | 32.495 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.649  | 113  | 96196    | 27.480 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.102  | 128  | 53631    | 31.056 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.824  | 143  | 60022    | 33.071 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.371 | 165  | 109381   | 31.416 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.876 | 131  | 93065    | 17.630 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.978 | 166  | 341802   | 29.887 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.272 | 160  | 398956   | 31.968 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.777 | 143  | 53343    | 26.400 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.565 | 176  | 303460   | 31.244 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.682 | 200  | 44301    | 25.884 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.415 | 188  | 402000   | 27.485 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.707 | 212  | 526513   | 32.249 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.525 | 264  | 523498   | 32.799 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 80) Fluoranthene              | 19.372 | 202  | 21242    | 1.123  | ng/ul  | 95       |
| 82) Pyrene                    | 19.730 | 202  | 21263    | 1.117  | ng/ul  | 97       |
| 90) Benzo(b)fluoranthene      | 23.726 | 252  | 29851    | 1.539  | ng/ul# | 89       |
| 93) Benzo(a)pyrene            | 24.589 | 252  | 17721    | 1.032  | ng/ul# | 82       |
| -----                         |        |      |          |        |        |          |

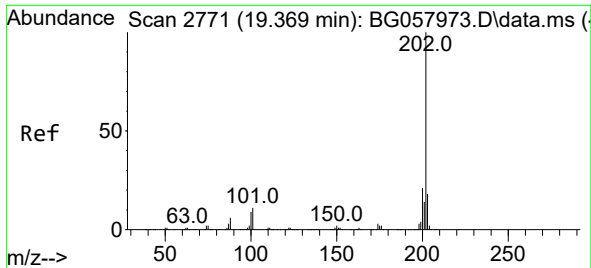
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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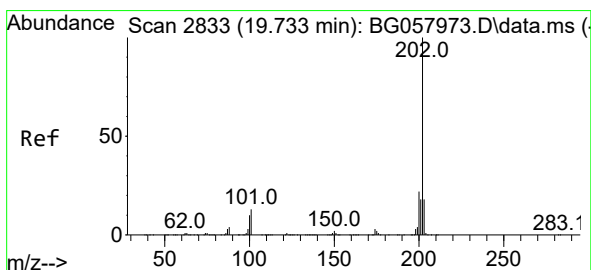
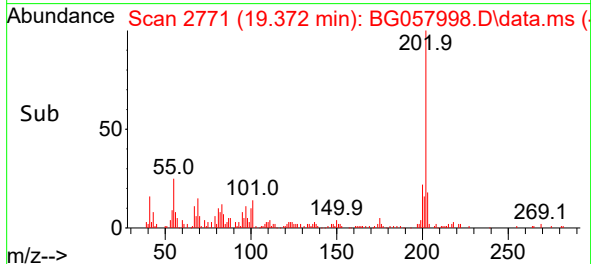
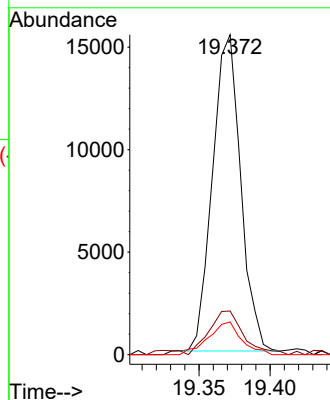
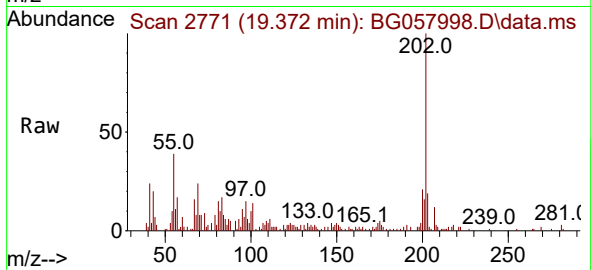




#80  
Fluoranthene  
Concen: 1.123 ng/ul  
RT: 19.372 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG057998.D  
Acq: 4 Jul 2023 22:29

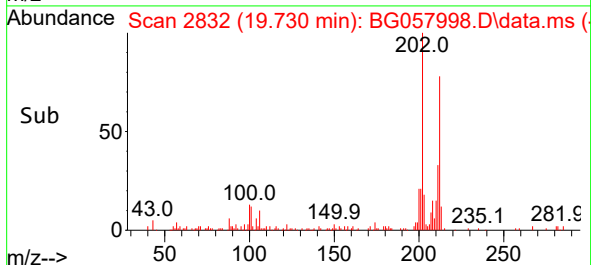
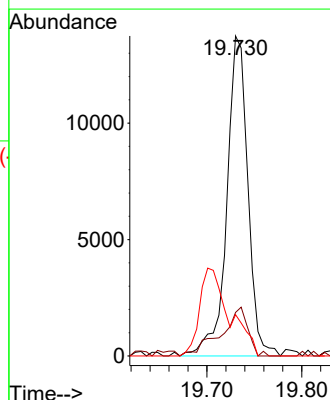
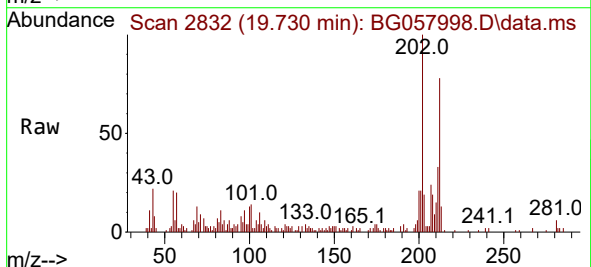
Instrument :  
BNA\_G  
ClientSampleId :

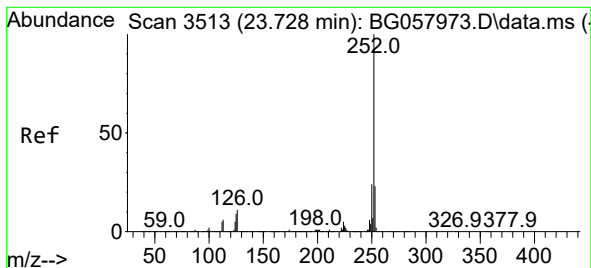
Tgt Ion:202 Resp: 21242  
Ion Ratio Lower Upper  
202 100  
101 13.6 9.1 13.7  
100 10.2 7.1 10.7



#82  
Pyrene  
Concen: 1.117 ng/ul  
RT: 19.730 min Scan# 2832  
Delta R.T. -0.003 min  
Lab File: BG057998.D  
Acq: 4 Jul 2023 22:29

Tgt Ion:202 Resp: 21263  
Ion Ratio Lower Upper  
202 100  
101 13.6 10.2 15.2  
100 12.9 8.9 13.3





#90

Benzo(b)fluoranthene

Concen: 1.539 ng/ul

RT: 23.726 min Scan# 3513

Delta R.T. -0.003 min

Lab File: BG057998.D

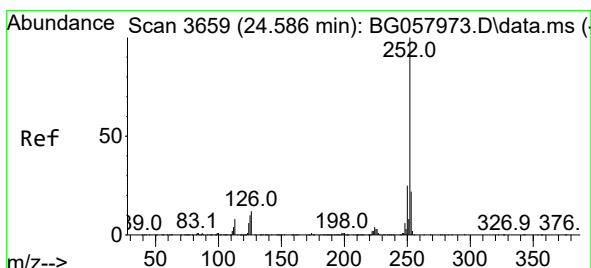
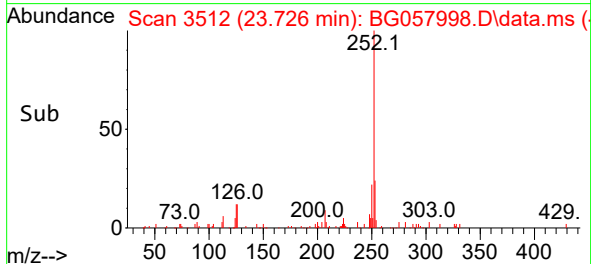
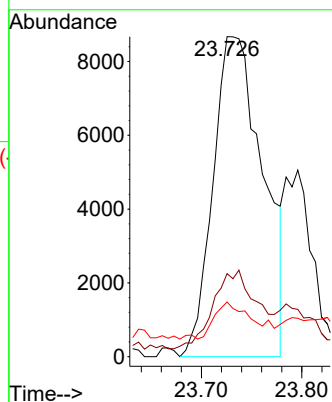
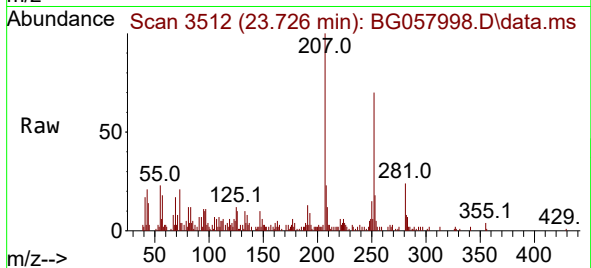
Acq: 4 Jul 2023 22:29

Instrument :

BNA\_G

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 29851 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 25.9  | 18.1  | 27.1  |
| 125       | 17.1  | 7.5   | 11.3# |



#93

Benzo(a)pyrene

Concen: 1.032 ng/ul

RT: 24.589 min Scan# 3659

Delta R.T. 0.003 min

Lab File: BG057998.D

Acq: 4 Jul 2023 22:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 17721 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 31.4  | 17.8  | 26.6# |
| 125       | 15.9  | 8.3   | 12.5# |

