

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070323\  
 Data File : BG057989.D  
 Acq On : 4 Jul 2023 16:10  
 Operator : CG/JU  
 Sample : 03247-19  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCGM5

Quant Time: Jul 05 00:13:36 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

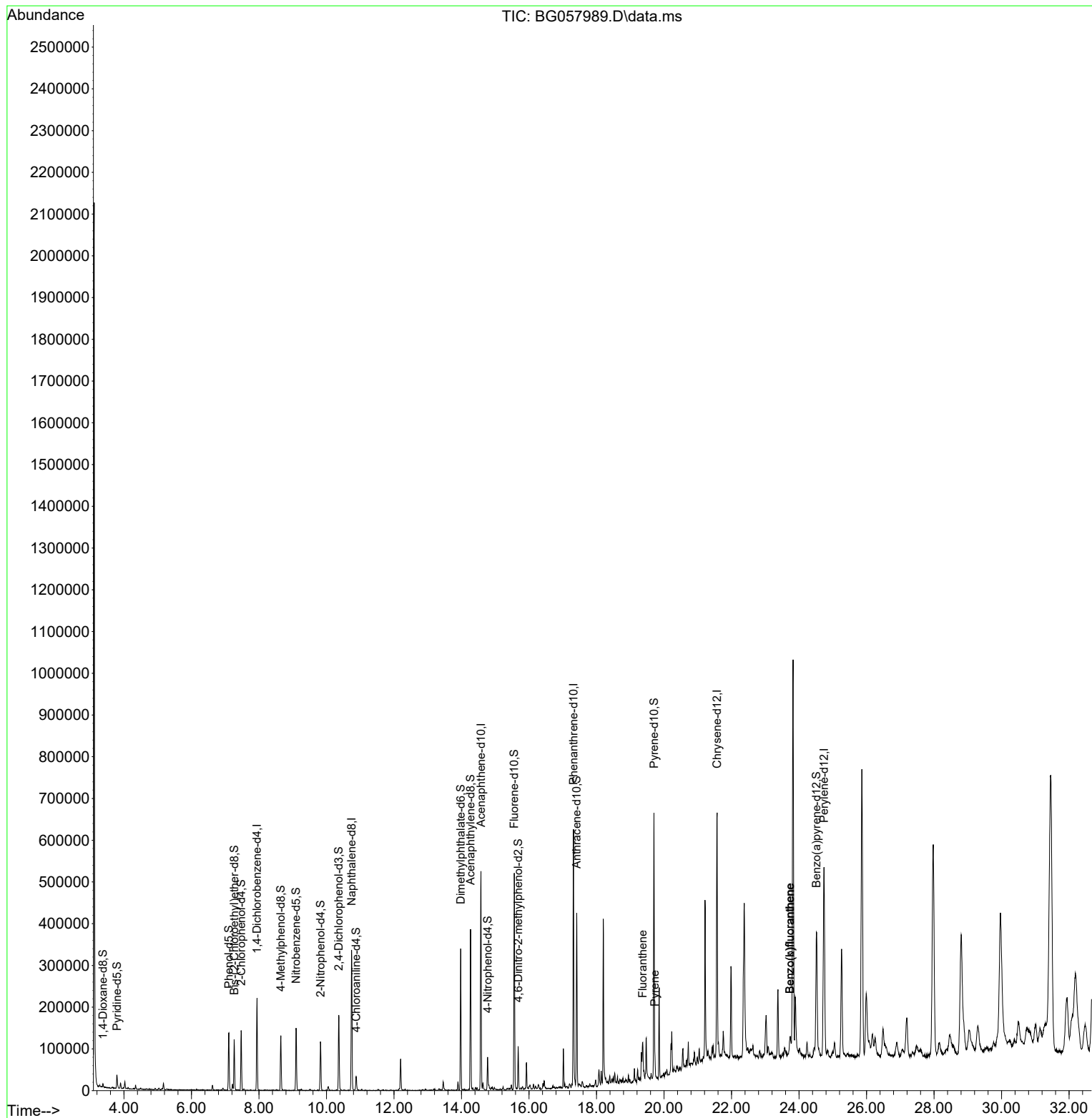
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.941  | 152  | 60162    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.744 | 136  | 288379   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.575 | 164  | 188497   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.319 | 188  | 405097   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.572 | 240  | 334631   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.739 | 264  | 399313   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.376  | 96   | 4023     | 2.342  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.793  | 84   | 17980    | 3.447  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.107  | 99   | 87942    | 14.313 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.266  | 67   | 56899    | 15.367 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.471  | 132  | 69716    | 16.452 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.646  | 113  | 50538    | 10.901 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.099  | 128  | 37036    | 15.757 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.821  | 143  | 40834    | 16.530 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.362 | 165  | 71176    | 15.020 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.879 | 131  | 19736    | 2.747  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.975 | 166  | 231051   | 15.535 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.269 | 160  | 270380   | 16.660 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.774 | 143  | 21863    | 8.320  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.562 | 176  | 206387   | 16.340 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.679 | 200  | 22541    | 10.247 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.413 | 188  | 258917   | 13.774 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.704 | 212  | 352765   | 16.738 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.516 | 264  | 332573   | 16.347 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 80) Fluoranthene              | 19.369 | 202  | 29818    | 1.221  | ng/ul  | 99       |
| 82) Pyrene                    | 19.727 | 202  | 25397    | 1.033  | ng/ul# | 94       |
| 90) Benzo(b)fluoranthene      | 23.735 | 252  | 33093    | 1.338  | ng/ul# | 91       |
| 91) Benzo(k)fluoranthene      | 23.735 | 252  | 33093    | 1.366  | ng/ul# | 90       |

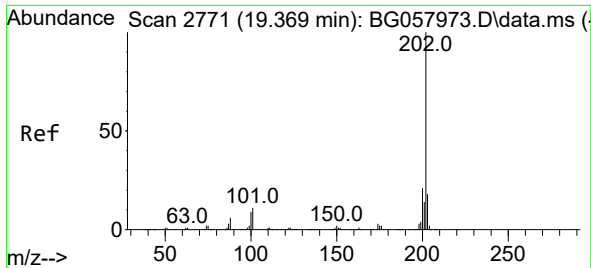
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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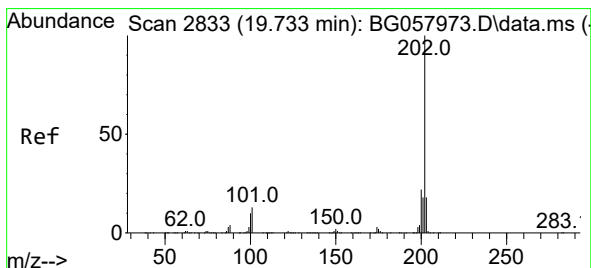
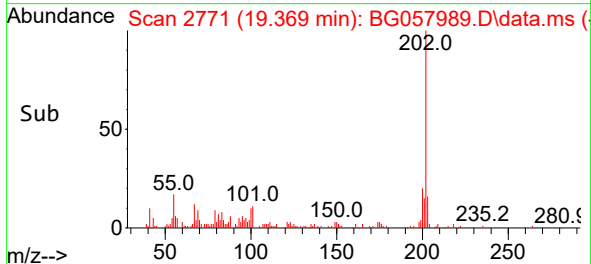
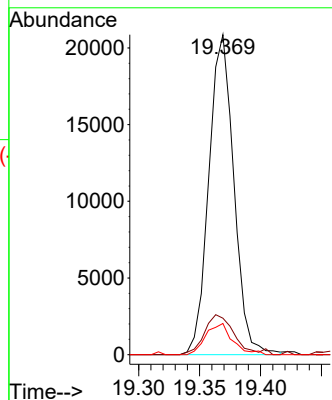
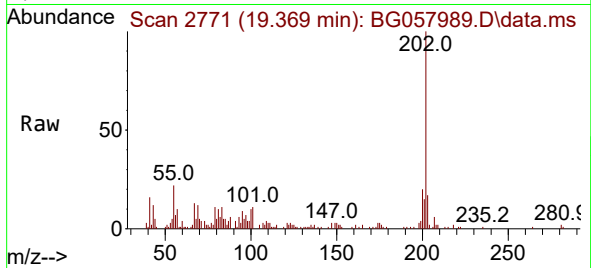




#80  
Fluoranthene  
Concen: 1.221 ng/ul  
RT: 19.369 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG057989.D  
Acq: 4 Jul 2023 16:10

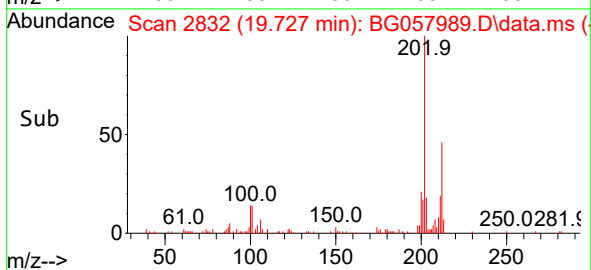
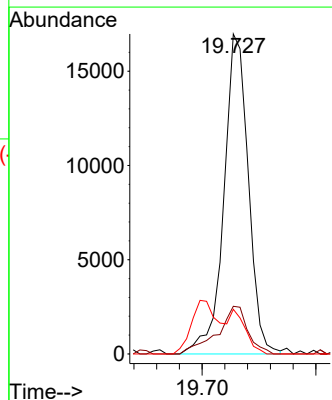
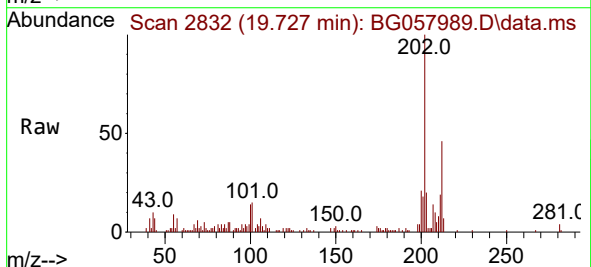
Instrument :  
BNA\_G  
ClientSampleId :  
DCGM5

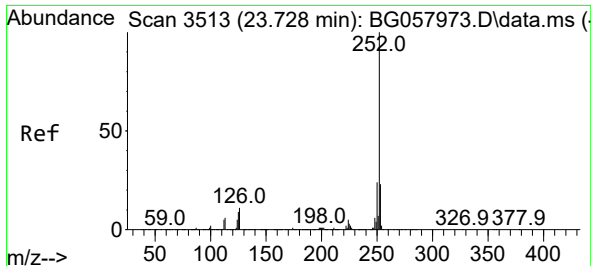
Tgt Ion:202 Resp: 29818  
Ion Ratio Lower Upper  
202 100  
101 11.4 9.1 13.7  
100 9.7 7.1 10.7



#82  
Pyrene  
Concen: 1.033 ng/ul  
RT: 19.727 min Scan# 2832  
Delta R.T. -0.006 min  
Lab File: BG057989.D  
Acq: 4 Jul 2023 16:10

Tgt Ion:202 Resp: 25397  
Ion Ratio Lower Upper  
202 100  
101 14.9 10.2 15.2  
100 13.9 8.9 13.3#

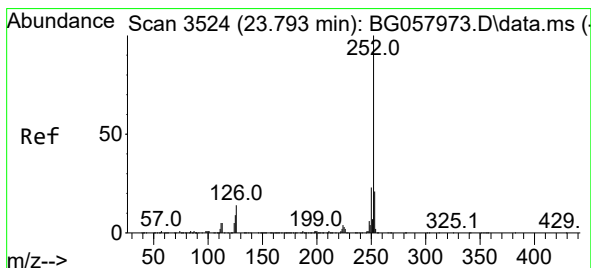
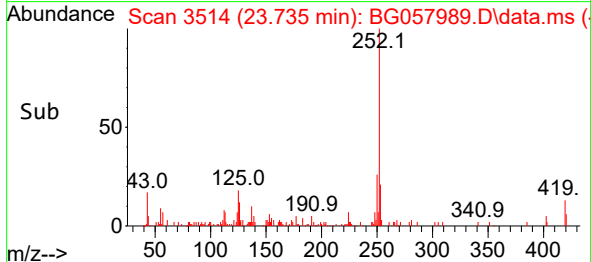
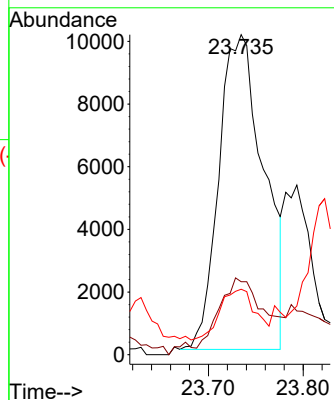
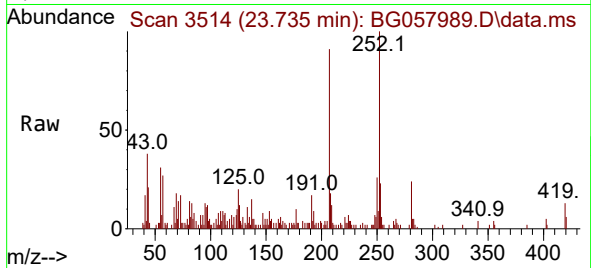




#90  
Benzo(b)fluoranthene  
Concen: 1.338 ng/ul  
RT: 23.735 min Scan# 3514  
Delta R.T. 0.006 min  
Lab File: BG057989.D  
Acq: 4 Jul 2023 16:10

Instrument :  
BNA\_G  
ClientSampleId :  
DCGM5

Tgt Ion:252 Resp: 33093  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.1 27.1  
125 20.4 7.5 11.3#



#91  
Benzo(k)fluoranthene  
Concen: 1.366 ng/ul  
RT: 23.735 min Scan# 3514  
Delta R.T. -0.058 min  
Lab File: BG057989.D  
Acq: 4 Jul 2023 16:10

Tgt Ion:252 Resp: 33093  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.7 26.5  
125 20.4 7.4 11.2#

