

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050223\  
 Data File : BM039800.D  
 Acq On : 02 May 2023 13:53  
 Operator : CG/JU  
 Sample : PB152414BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK414

Quant Time: May 03 04:15:35 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM042723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 02 18:41:11 2023  
 Response via : Initial Calibration

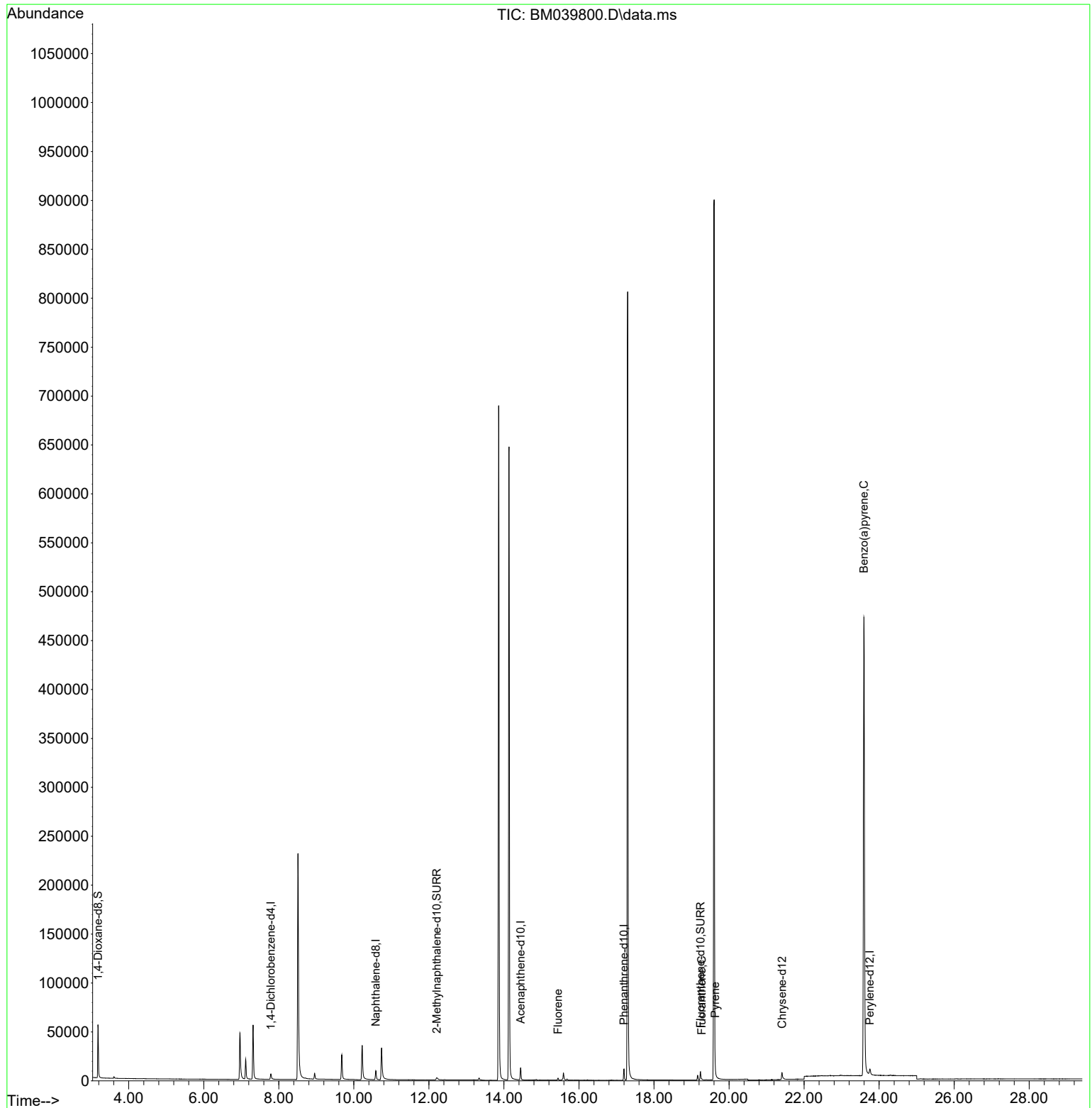
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.787  | 152  | 3731     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.584 | 136  | 13281    | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.446 | 164  | 7062     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.200 | 188  | 14063    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.411 | 240  | 9798     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.752 | 264  | 10284    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.180  | 96   | 31349    | 5.701 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.206 | 152  | 5783     | 0.339 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.239 | 212  | 10261    | 0.389 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 12) Fluorene                | 15.441 | 166  | 1893     | 0.079 | ng/ul# | 16       |
| 19) Fluoranthene            | 19.271 | 202  | 932      | 0.027 | ng/ul# | 62       |
| 20) Pyrene                  | 19.629 | 202  | 1722     | 0.046 | ng/ul# | 58       |
| 26) Benzo(a)pyrene          | 23.594 | 252  | 2564     | 0.079 | ng/ul# | 10       |
| -----                       |        |      |          |       |        |          |

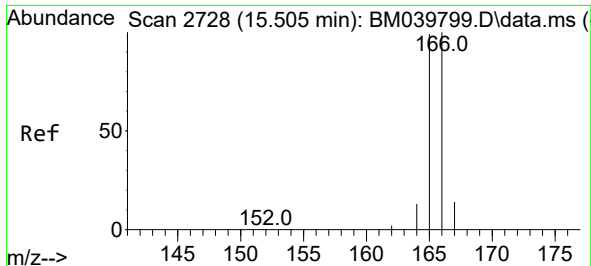
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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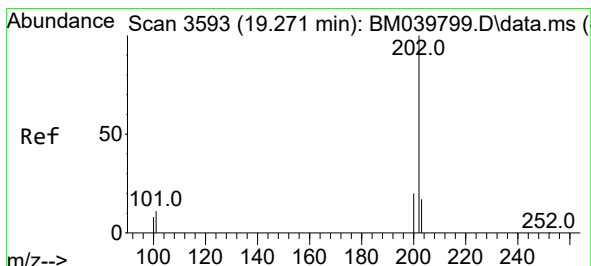
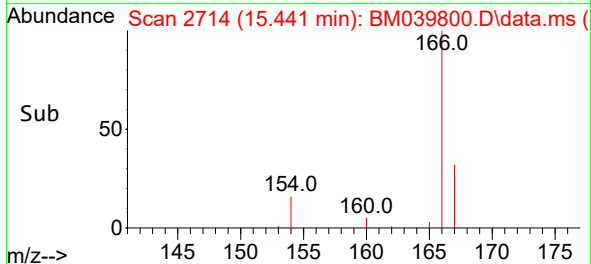
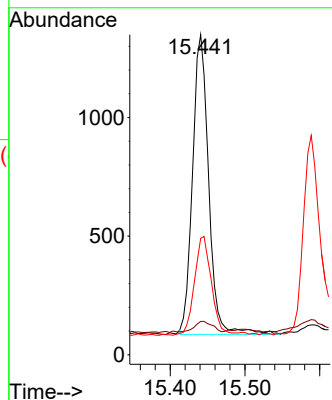
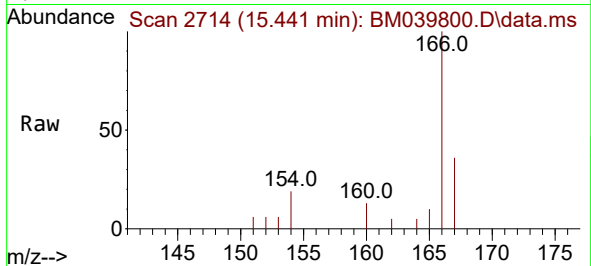




#12  
Fluorene  
Concen: 0.079 ng/ul  
RT: 15.441 min Scan# 21  
Delta R.T. -0.065 min  
Lab File: BM039800.D  
Acq: 02 May 2023 13:53

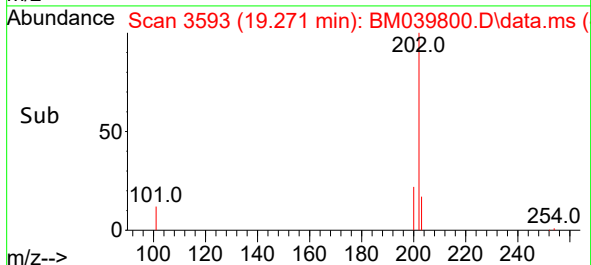
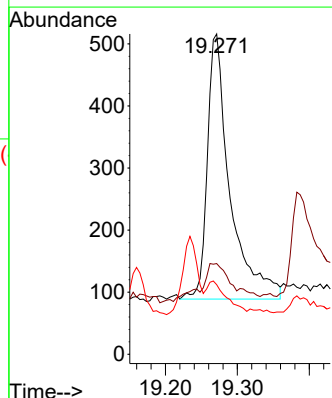
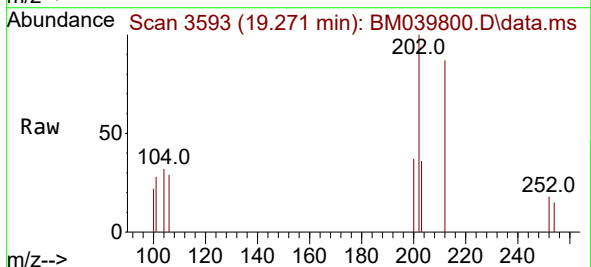
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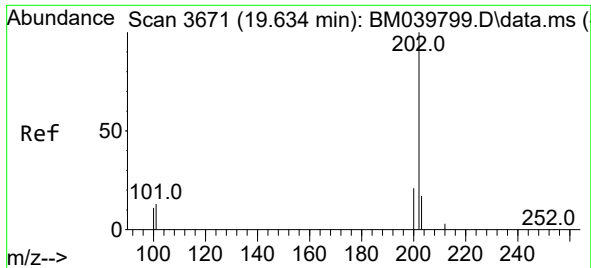
Tgt Ion:166 Resp: 1893  
Ion Ratio Lower Upper  
166 100  
165 10.5 79.0 118.6#  
167 36.4 11.8 17.6#



#19  
Fluoranthene  
Concen: 0.027 ng/ul  
RT: 19.271 min Scan# 3593  
Delta R.T. 0.000 min  
Lab File: BM039800.D  
Acq: 02 May 2023 13:53

Tgt Ion:202 Resp: 932  
Ion Ratio Lower Upper  
202 100  
101 28.3 9.8 14.8#  
100 21.7 7.3 10.9#

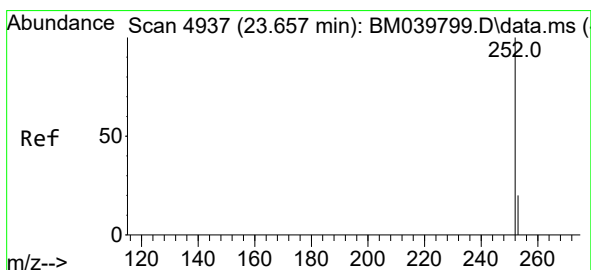
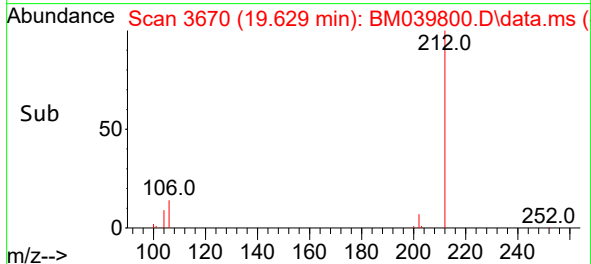
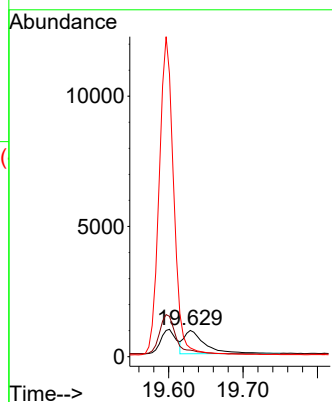
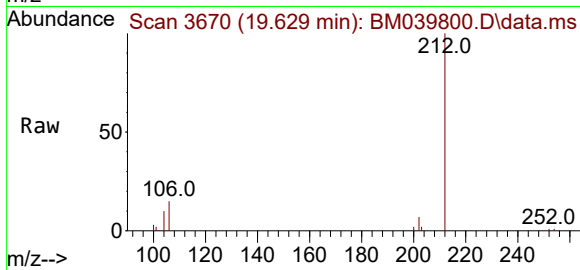




#20  
Pyrene  
Concen: 0.046 ng/ul  
RT: 19.629 min Scan# 3670  
Delta R.T. -0.004 min  
Lab File: BM039800.D  
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Tgt Ion:202 Resp: 1722  
Ion Ratio Lower Upper  
202 100  
101 24.8 10.9 16.3#  
100 33.7 8.9 13.3#



#26  
Benzo(a)pyrene  
Concen: 0.079 ng/ul  
RT: 23.594 min Scan# 4916  
Delta R.T. -0.063 min  
Lab File: BM039800.D  
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Tgt Ion:252 Resp: 2564  
Ion Ratio Lower Upper  
252 100  
253 64.3 24.7 37.1#  
125 83.3 16.5 24.7#

