

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042623\  
 Data File : BM039685.D  
 Acq On : 26 Apr 2023 19:09  
 Operator : CG/JU  
 Sample : 02488-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BHE57

Quant Time: Apr 27 01:22:32 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM040623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 27 01:14:42 2023  
 Response via : Initial Calibration

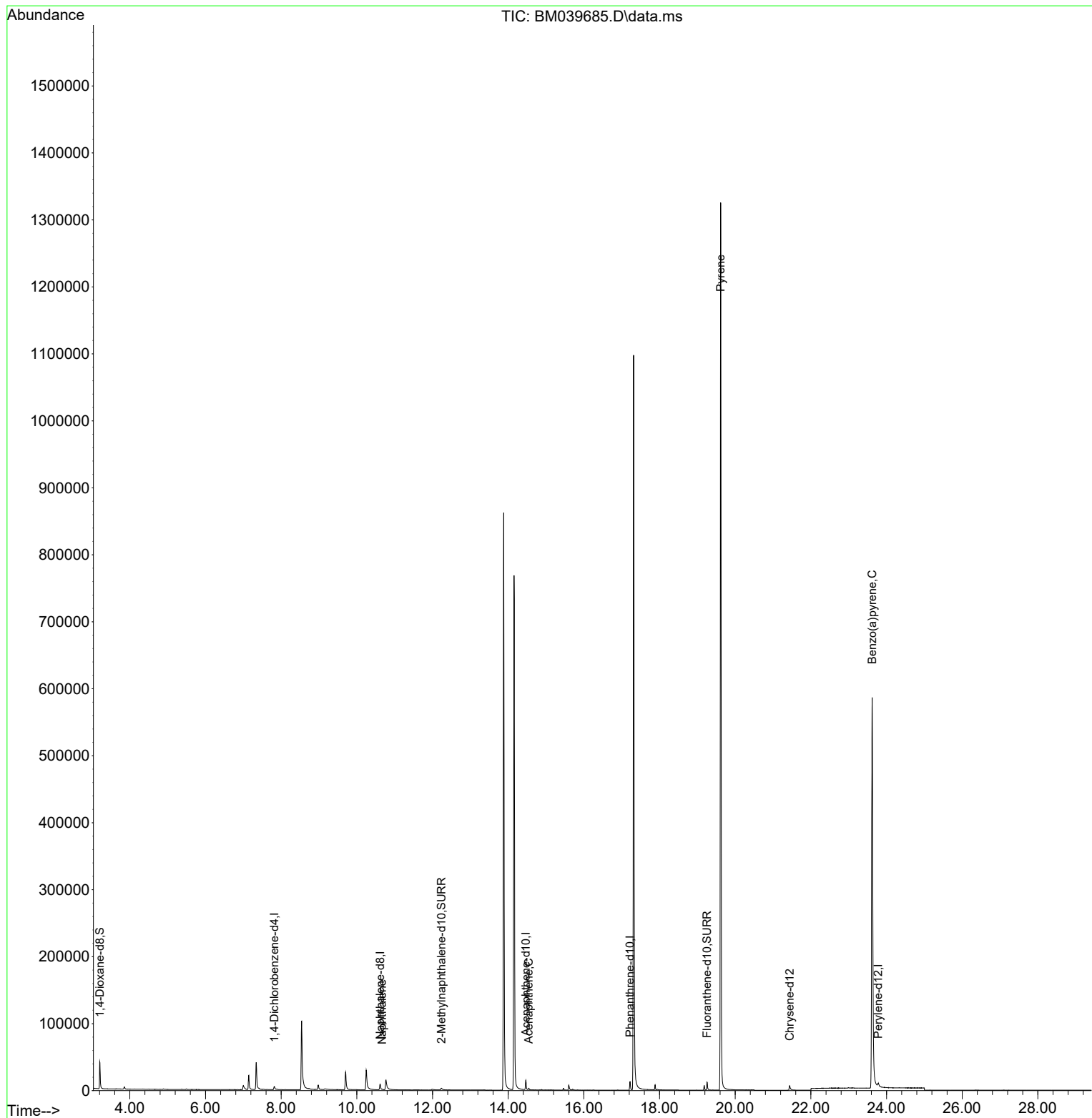
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.817  | 152  | 3750     | 0.400 | ng/ul  | -0.04    |
| 4) Naphthalene-d8           | 10.617 | 136  | 14341    | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.465 | 164  | 8228     | 0.400 | ng/ul  | #-0.01   |
| 13) Phenanthrene-d10        | 17.221 | 188  | 16561    | 0.400 | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.437 | 240  | 10564    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.779 | 264  | 11074    | 0.400 | ng/ul  | #-0.03   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.205  | 96   | 25445    | 3.665 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.234 | 152  | 6499     | 0.392 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.257 | 212  | 14615    | 0.444 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.667 | 128  | 849      | 0.025 | ng/ul# | 62       |
| 11) Acenaphthene            | 14.543 | 153  | 2915     | 0.116 | ng/ul# | 24       |
| 20) Pyrene                  | 19.615 | 202  | 2335     | 0.047 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.618 | 252  | 3387     | 0.096 | ng/ul# | 77       |
| -----                       |        |      |          |       |        |          |

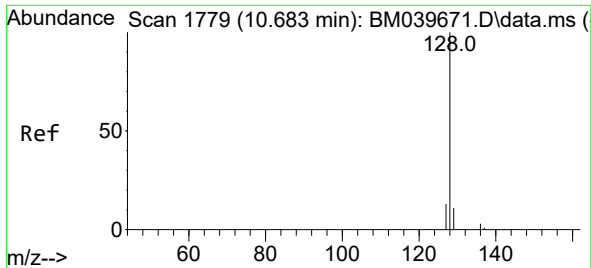
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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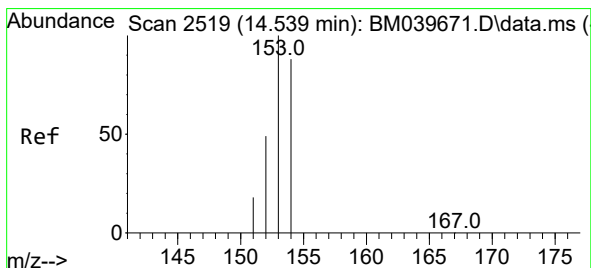
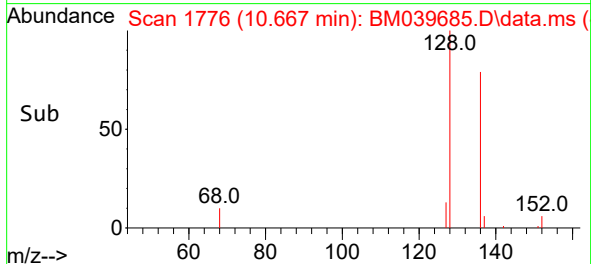
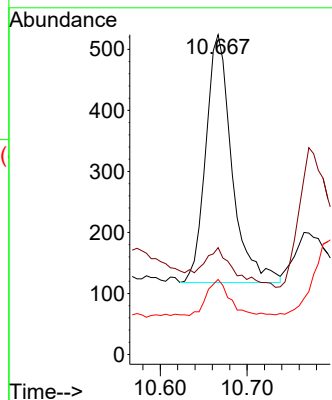
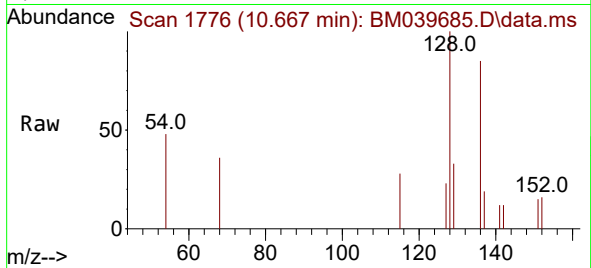




#5  
Naphthalene  
Concen: 0.025 ng/ul  
RT: 10.667 min Scan# 11  
Delta R.T. -0.016 min  
Lab File: BM039685.D  
Acq: 26 Apr 2023 19:09

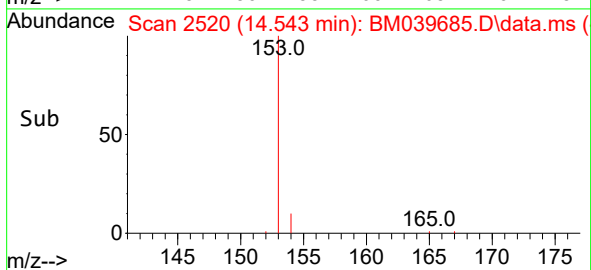
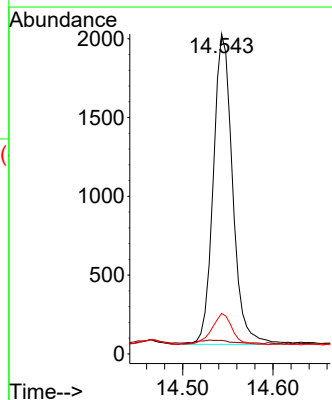
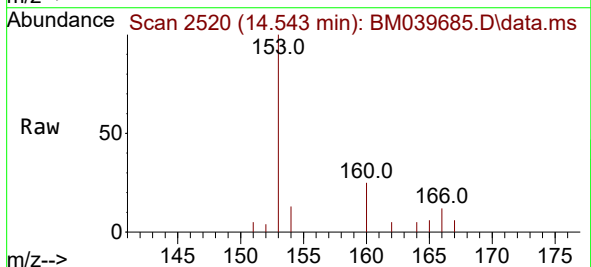
Instrument :  
BNA\_M  
ClientSampleId :  
BHE57

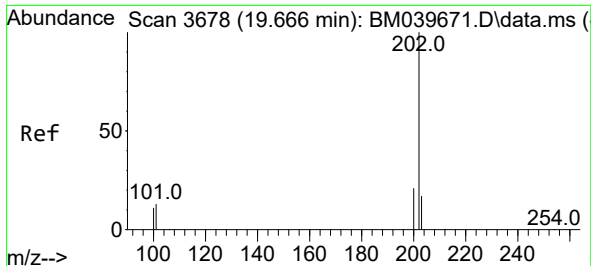
Tgt Ion:128 Resp: 849  
Ion Ratio Lower Upper  
128 100  
129 33.4 10.1 15.1#  
127 23.5 11.0 16.4#



#11  
Acenaphthene  
Concen: 0.116 ng/ul  
RT: 14.543 min Scan# 2520  
Delta R.T. 0.005 min  
Lab File: BM039685.D  
Acq: 26 Apr 2023 19:09

Tgt Ion:153 Resp: 2915  
Ion Ratio Lower Upper  
153 100  
152 4.2 40.3 60.5#  
154 12.7 71.5 107.3#

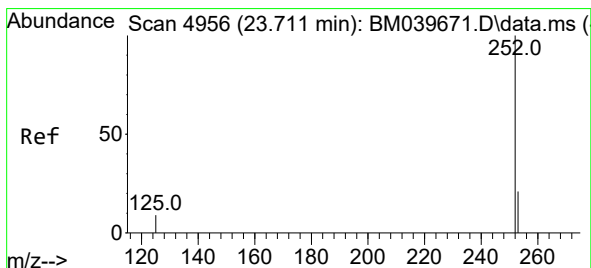
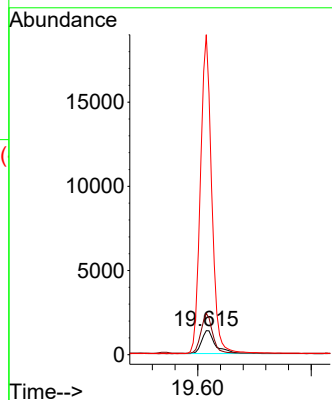
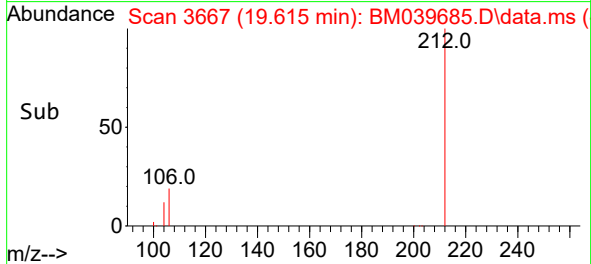
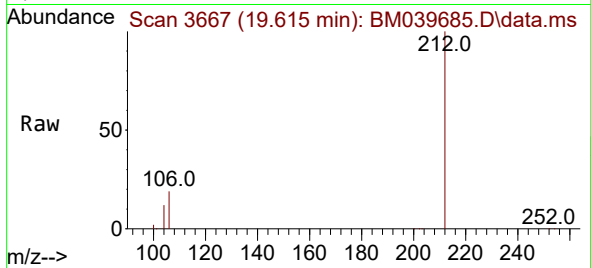




#20  
Pyrene  
Concen: 0.047 ng/ul  
RT: 19.615 min Scan# 3667  
Delta R.T. -0.051 min  
Lab File: BM039685.D  
Acq: 26 Apr 2023 19:09

Instrument :  
BNA\_M  
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Tgt Ion:202 Resp: 2335  
Ion Ratio Lower Upper  
202 100  
101 172.5 11.1 16.7#  
100 1334.8 8.8 13.2#



#26  
Benzo(a)pyrene  
Concen: 0.096 ng/ul  
RT: 23.618 min Scan# 4924  
Delta R.T. -0.094 min  
Lab File: BM039685.D  
Acq: 26 Apr 2023 19:09

Tgt Ion:252 Resp: 3387  
Ion Ratio Lower Upper  
252 100  
253 52.4 31.0 46.4#  
125 48.9 28.2 42.4#

