

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082423\  
 Data File : BM041467.D  
 Acq On : 24 Aug 2023 16:08  
 Operator : MA/JU  
 Sample : 04105-06  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BHAR9

Quant Time: Aug 24 18:36:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM082423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 24 18:34:12 2023  
 Response via : Initial Calibration

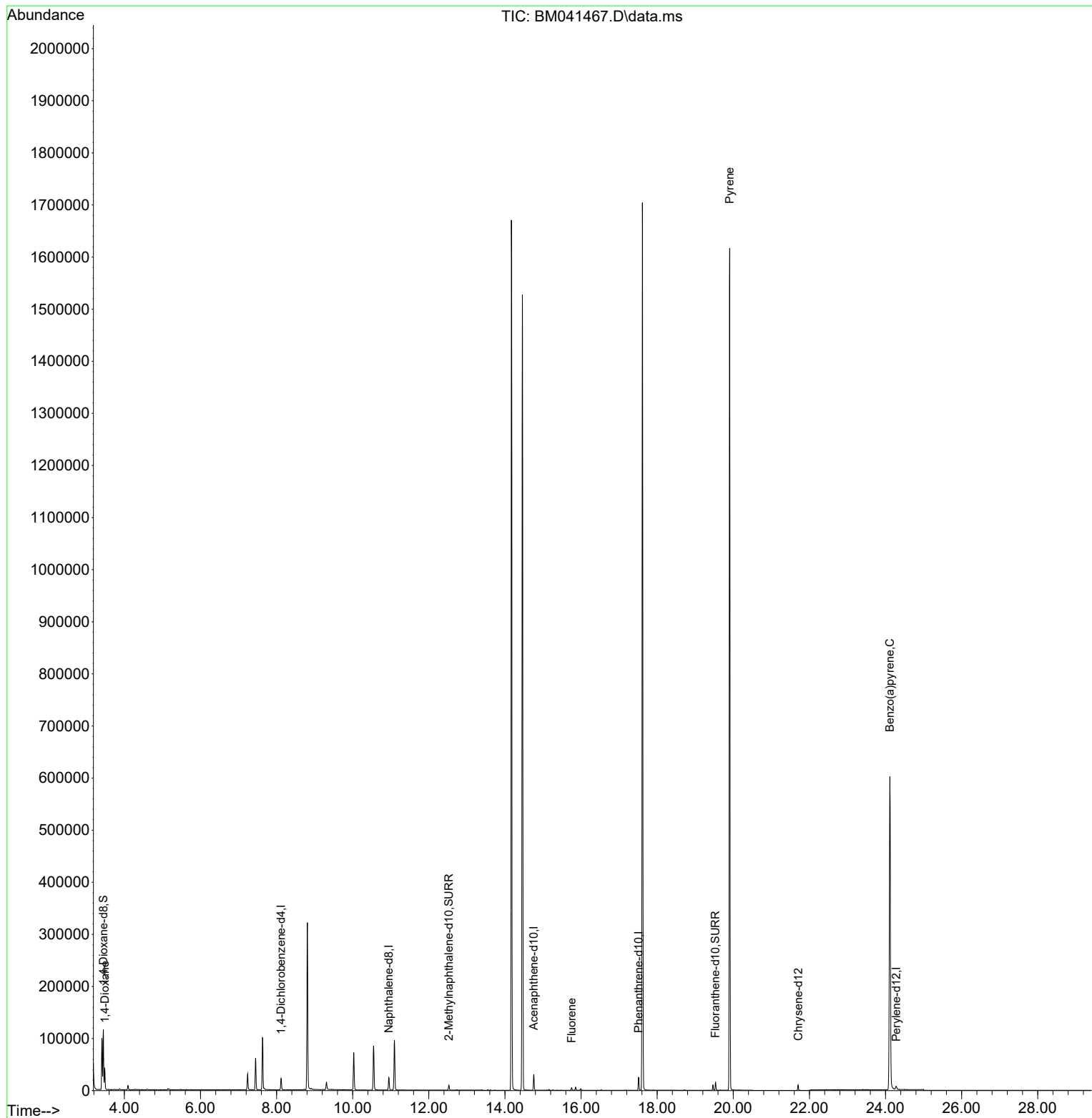
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.118  | 152  | 10537    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.950 | 136  | 30709    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.759 | 164  | 14974    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.510 | 188  | 26435    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.705 | 240  | 7742     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.281 | 264  | 8834     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.448  | 96   | 68704    | 5.152 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.528 | 152  | 11357    | 0.280 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.534 | 212  | 13214    | 0.387 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.486  | 88   | 24946    | 1.818 | ng/ul# | 92       |
| 12) Fluorene                | 15.753 | 166  | 4438     | 0.063 | ng/ul# | 13       |
| 20) Pyrene                  | 19.905 | 202  | 3698     | 0.052 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 24.114 | 252  | 6044     | 0.122 | ng/ul# | 77       |
| -----                       |        |      |          |       |        |          |

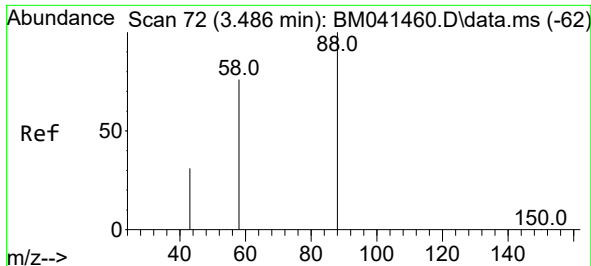
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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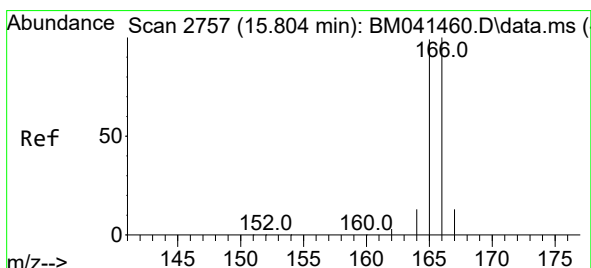
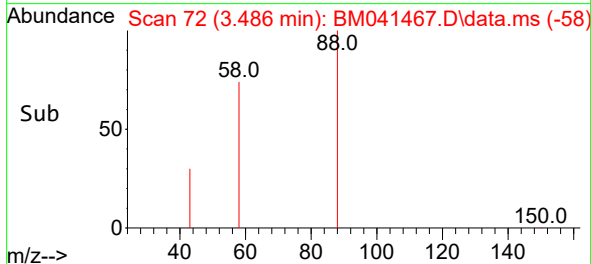
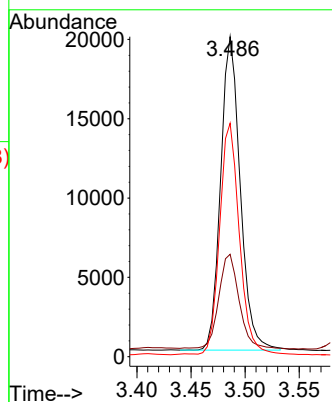
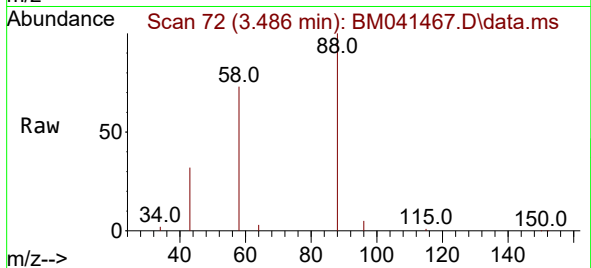




#2  
1,4-Dioxane  
Concen: 1.818 ng/ul  
RT: 3.486 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BM041467.D  
Acq: 24 Aug 2023 16:08

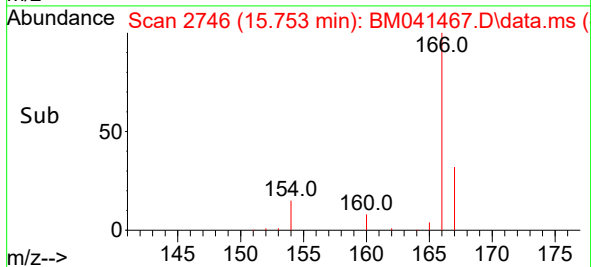
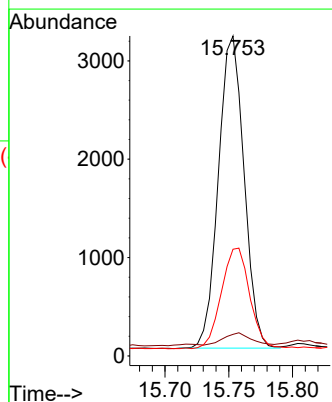
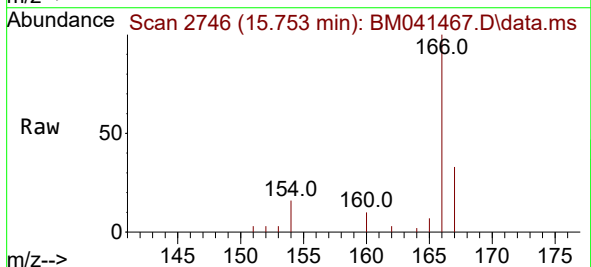
Instrument :  
BNA\_M  
ClientSampleId :  
BHAR9

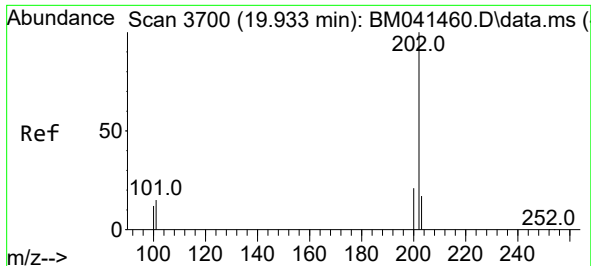
Tgt Ion: 88 Resp: 24946  
Ion Ratio Lower Upper  
88 100  
43 32.0 35.4 53.2#  
58 72.9 57.3 85.9



#12  
Fluorene  
Concen: 0.063 ng/ul  
RT: 15.753 min Scan# 2746  
Delta R.T. -0.051 min  
Lab File: BM041467.D  
Acq: 24 Aug 2023 16:08

Tgt Ion: 166 Resp: 4438  
Ion Ratio Lower Upper  
166 100  
165 6.8 79.4 119.2#  
167 33.4 11.0 16.6#

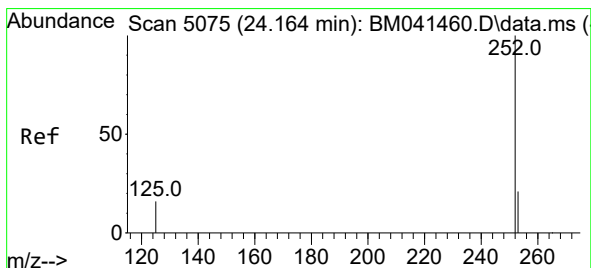
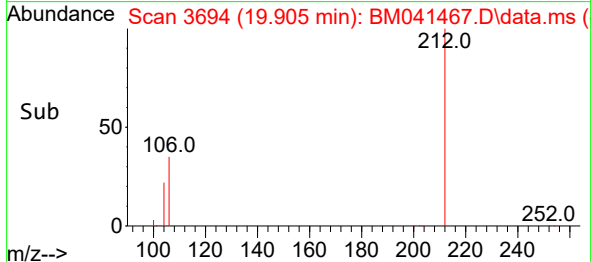
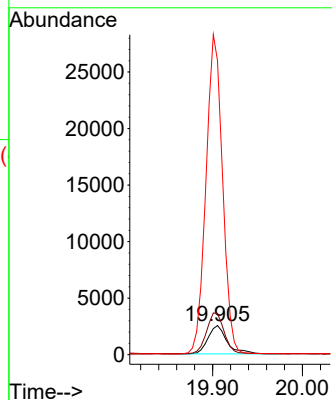
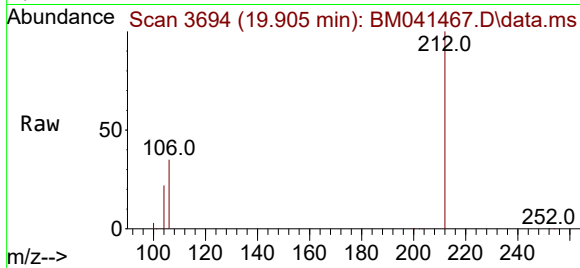




#20  
Pyrene  
Concen: 0.052 ng/ul  
RT: 19.905 min Scan# 3698  
Delta R.T. -0.028 min  
Lab File: BM041467.D  
Acq: 24 Aug 2023 16:08

Instrument :  
BNA\_M  
ClientSampleId :  
BHAR9

Tgt Ion:202 Resp: 3698  
Ion Ratio Lower Upper  
202 100  
101 141.8 12.2 18.2#  
100 1012.9 9.8 14.8#



#26  
Benzo(a)pyrene  
Concen: 0.122 ng/ul  
RT: 24.114 min Scan# 5058  
Delta R.T. -0.050 min  
Lab File: BM041467.D  
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Tgt Ion:252 Resp: 6044  
Ion Ratio Lower Upper  
252 100  
253 36.1 19.5 29.3#  
125 30.2 16.0 24.0#

