

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090623\  
 Data File : BM041691.D  
 Acq On : 07 Sep 2023 12:36  
 Operator : MA/JU  
 Sample : 04148-18  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BBK27

Quant Time: Sep 08 02:53:08 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 06 02:20:07 2023  
 Response via : Initial Calibration

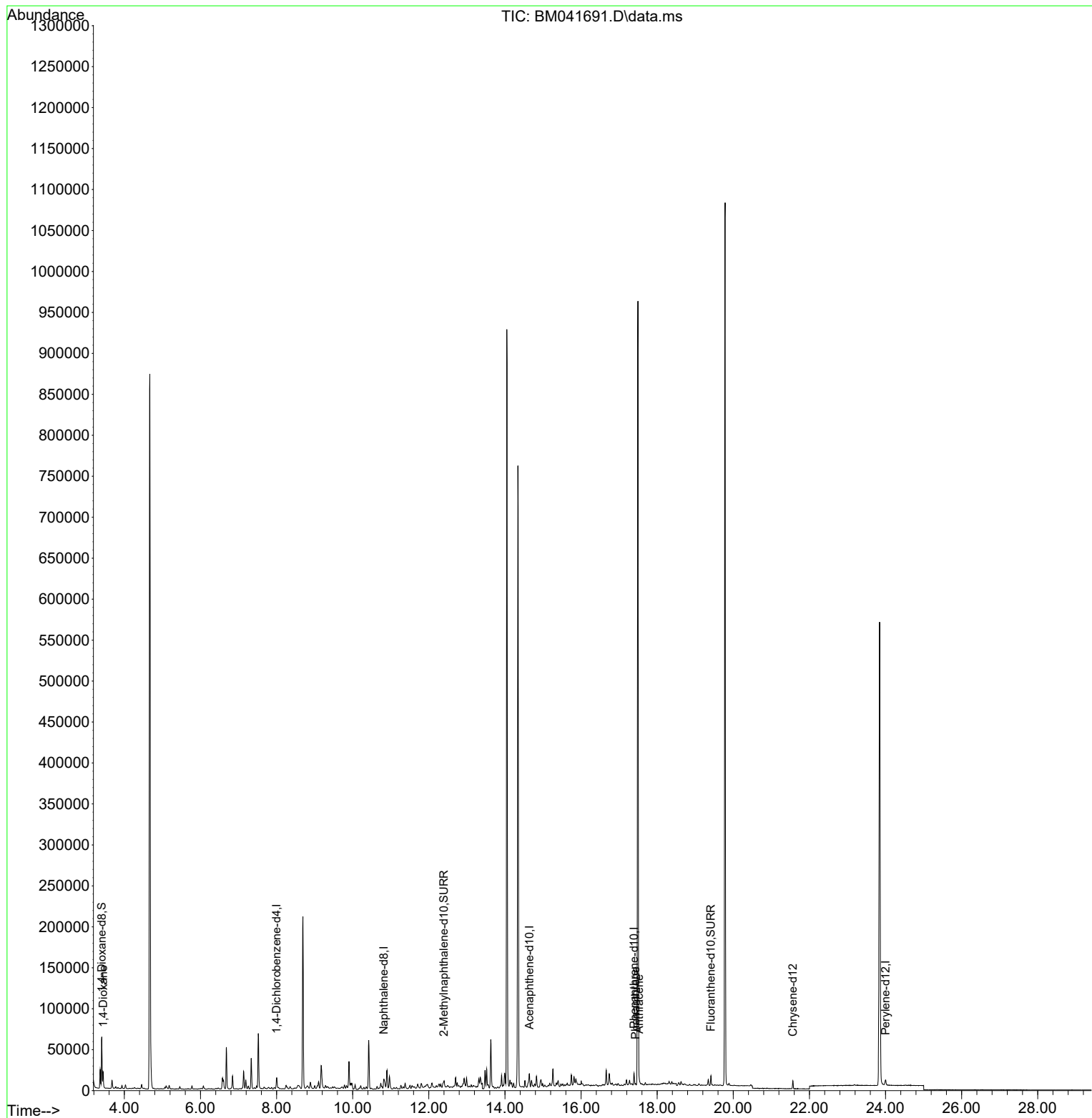
| Compound                    | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|----------|
| -----                       |        |      |          |        |         |          |
| Internal Standards          |        |      |          |        |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.000  | 152  | 5850     | 0.400  | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.818 | 136  | 14208    | 0.400  | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.643 | 164  | 9171     | 0.400  | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.392 | 188  | 15652    | 0.400  | ng/ul # | 0.00     |
| 17) Chrysene-d12            | 21.565 | 240  | 7441     | 0.400  | ng/ul   | 0.00     |
| 23) Perylene-d12            | 24.003 | 264  | 9099     | 0.400  | ng/ul # | 0.00     |
|                             |        |      |          |        |         |          |
| System Monitoring Compounds |        |      |          |        |         |          |
| 3) 1,4-Dioxane-d8           | 3.406  | 96   | 36003    | 4.027  | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.396 | 152  | 4983     | 0.272  | ng/ul   | -0.01    |
| 18) Fluoranthene-d10        | 19.413 | 212  | 11069    | 0.307  | ng/ul   | 0.00     |
|                             |        |      |          |        |         |          |
| Target Compounds            |        |      |          | Qvalue |         |          |
| 2) 1,4-Dioxane              | 3.444  | 88   | 11135    | 1.199  | ng/ul   | 95       |
| 15) Phenanthrene            | 17.434 | 178  | 2033     | 0.031  | ng/ul#  | 17       |
| 16) Anthracene              | 17.527 | 178  | 3398     | 0.060  | ng/ul#  | 10       |
| -----                       |        |      |          |        |         |          |

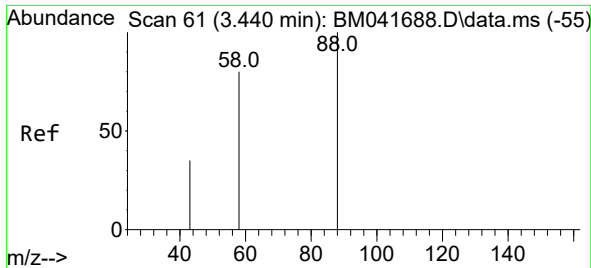
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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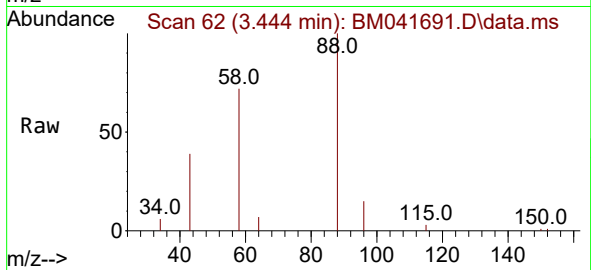
Quant Time: Sep 08 02:53:08 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
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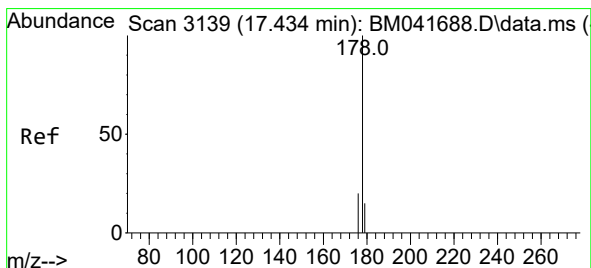
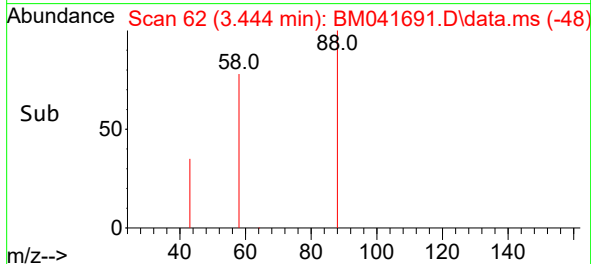
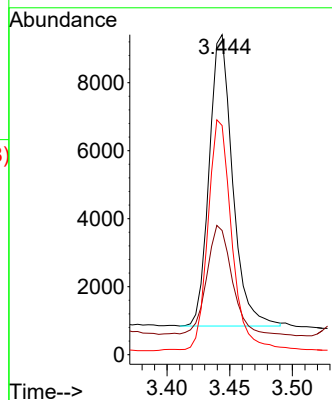


#2  
1,4-Dioxane  
Concen: 1.199 ng/ul  
RT: 3.444 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM041691.D  
Acq: 07 Sep 2023 12:36

Instrument :  
BNA\_M  
ClientSampleId :  
BBK27

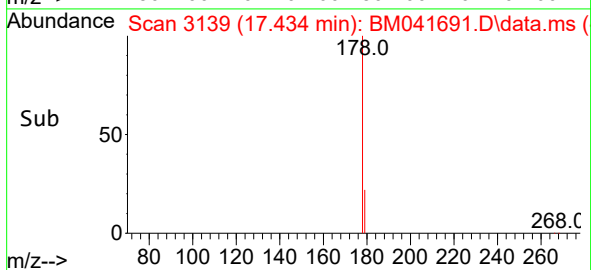
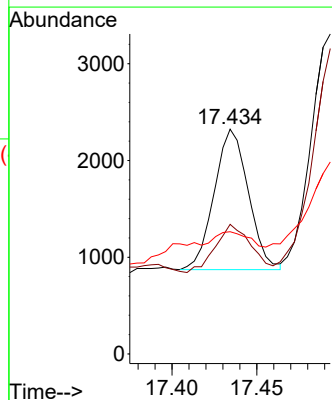
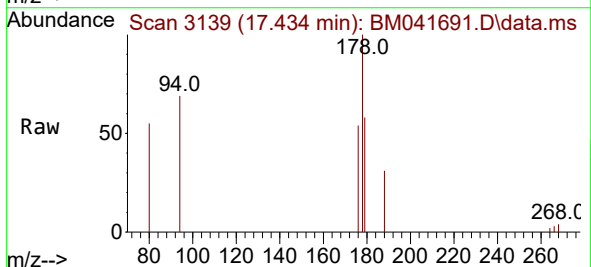


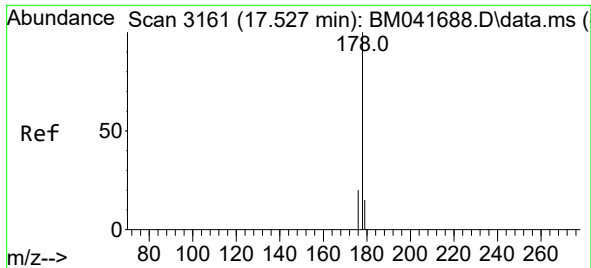
Tgt Ion: 88 Resp: 11135  
Ion Ratio Lower Upper  
88 100  
43 38.8 33.8 50.6  
58 71.6 54.2 81.2



#15  
Phenanthrene  
Concen: 0.031 ng/ul  
RT: 17.434 min Scan# 3139  
Delta R.T. -0.008 min  
Lab File: BM041691.D  
Acq: 07 Sep 2023 12:36

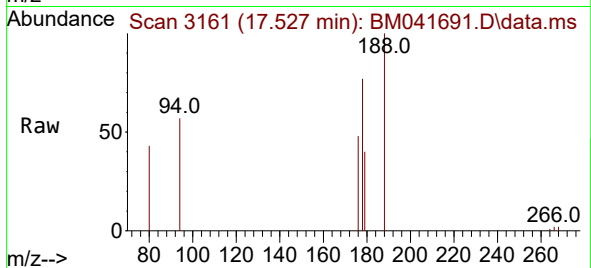
Tgt Ion: 178 Resp: 2033  
Ion Ratio Lower Upper  
178 100  
179 57.7 12.9 19.3#  
176 54.4 16.9 25.3#





#16  
 Anthracene  
 Concen: 0.060 ng/ul  
 RT: 17.527 min Scan# 31  
 Delta R.T. -0.008 min  
 Lab File: BM041691.D  
 Acq: 07 Sep 2023 12:36

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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 52.4  | 12.9  | 19.3# |
| 176     | 62.7  | 15.8  | 23.8# |

