

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM090823\  
 Data File : BM041742.D  
 Acq On : 08 Sep 2023 22:24  
 Operator : MA/JU  
 Sample : 04227-22  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 09 00:28:34 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 : Fri Sep 08 06:08:11 2023  
 Response via : Initial Calibration

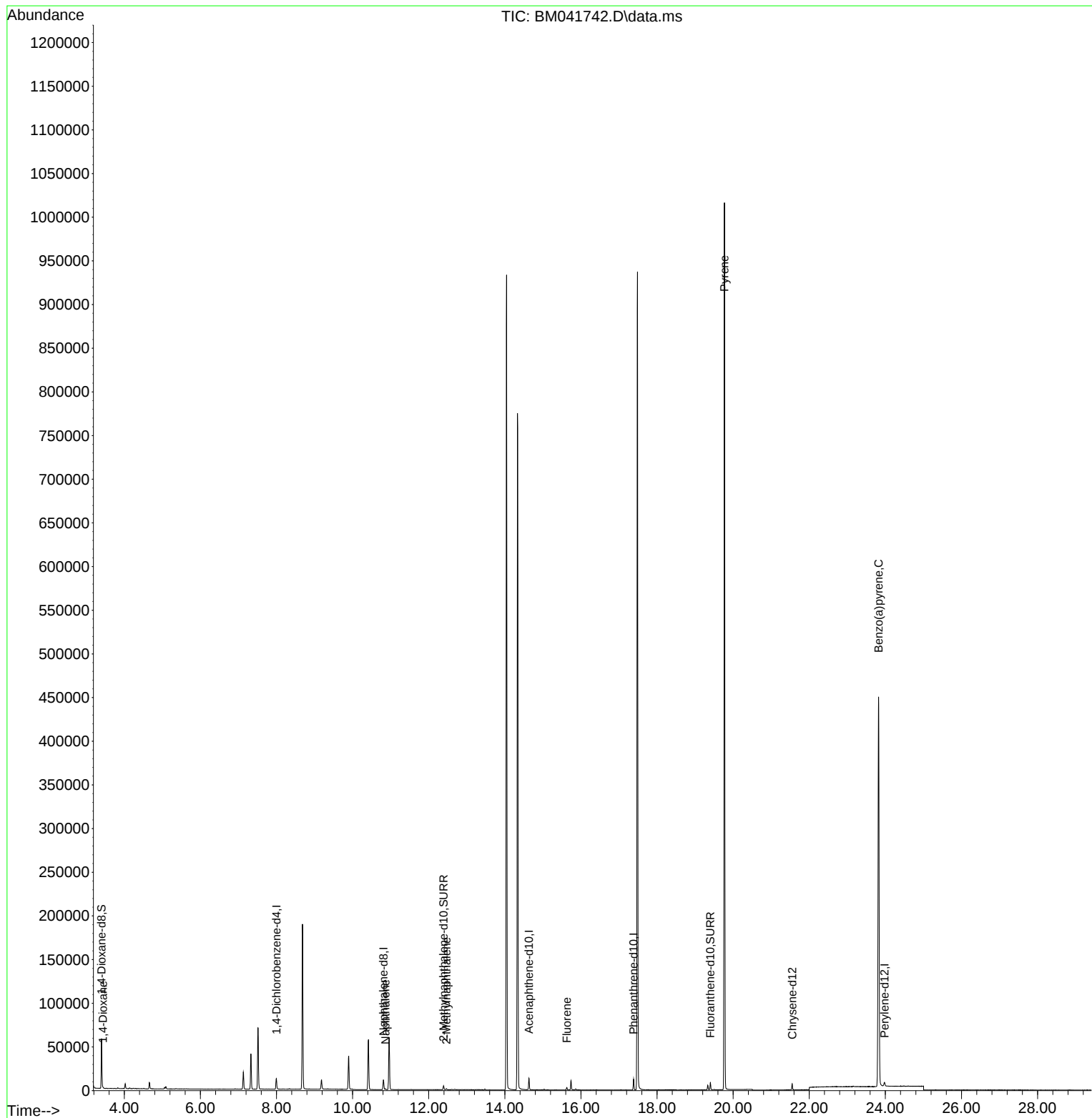
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.996  | 152  | 5986     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.812 | 136  | 14577    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.634 | 164  | 6622     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.383 | 188  | 12256    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.550 | 240  | 5046     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.977 | 264  | 6115     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.402  | 96   | 30213    | 3.303 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.390 | 152  | 5361     | 0.286 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.403 | 212  | 7249     | 0.296 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.439  | 88   | 358      | 0.038 | ng/ul# | 32       |
| 5) Naphthalene              | 10.861 | 128  | 1330     | 0.028 | ng/ul# | 82       |
| 7) 2-Methylnaphthalene      | 12.467 | 142  | 718      | 0.026 | ng/ul  | 95       |
| 12) Fluorene                | 15.628 | 166  | 2485     | 0.070 | ng/ul# | 15       |
| 20) Pyrene                  | 19.770 | 202  | 2270     | 0.038 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.822 | 252  | 4381     | 0.099 | ng/ul# | 57       |
| -----                       |        |      |          |       |        |          |

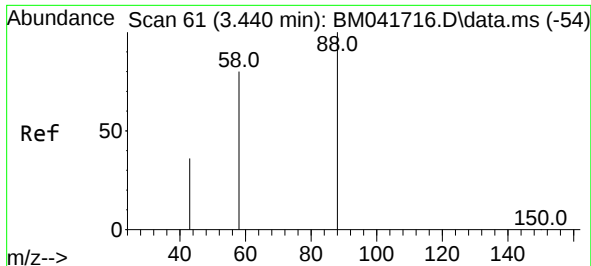
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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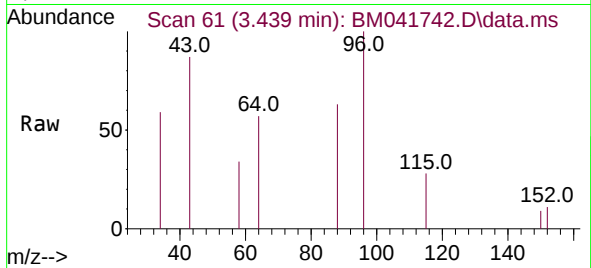
Quant Time: Sep 09 00:28:34 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
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QLast Update : Fri Sep 08 06:08:11 2023  
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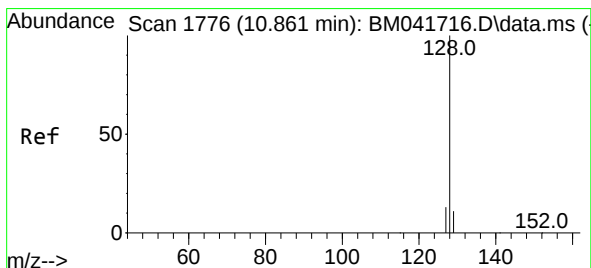
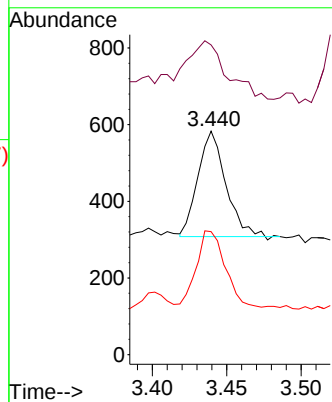
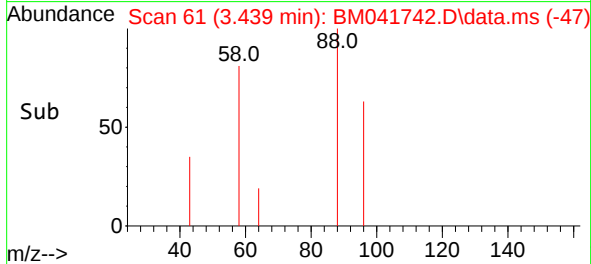


#2  
1,4-Dioxane  
Concen: 0.038 ng/ul  
RT: 3.439 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM041742.D  
Acq: 08 Sep 2023 22:24

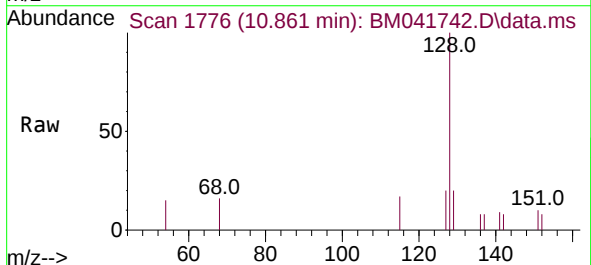
Instrument :  
BNA\_M  
ClientSampleId :



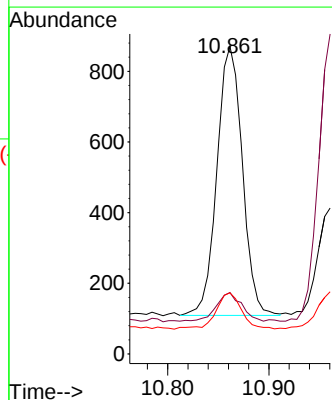
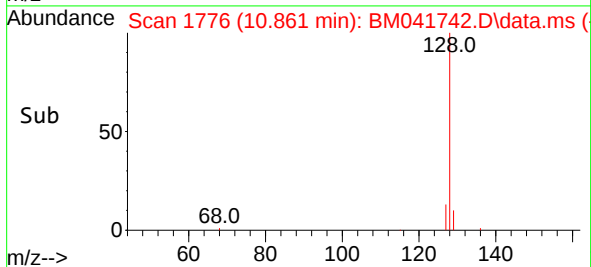
Tgt Ion: 88 Resp: 358  
Ion Ratio Lower Upper  
88 100  
43 138.6 33.8 50.6#  
58 55.1 54.2 81.2

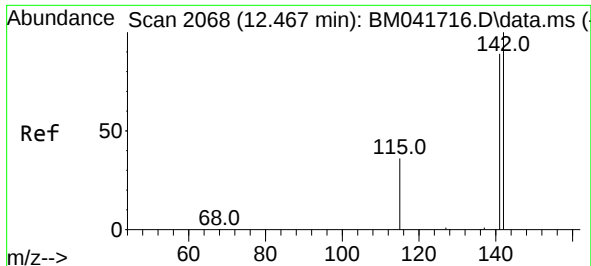


#5  
Naphthalene  
Concen: 0.028 ng/ul  
RT: 10.861 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: BM041742.D  
Acq: 08 Sep 2023 22:24



Tgt Ion: 128 Resp: 1330  
Ion Ratio Lower Upper  
128 100  
129 20.0 9.4 14.0#  
127 19.9 11.0 16.6#

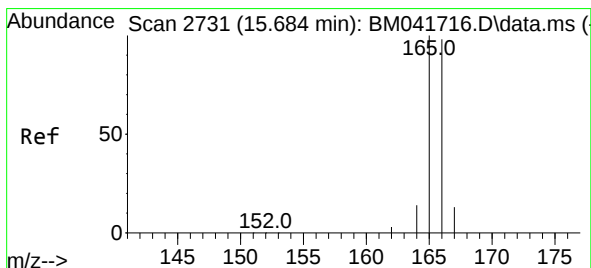
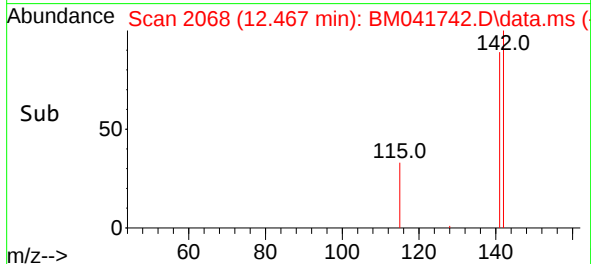
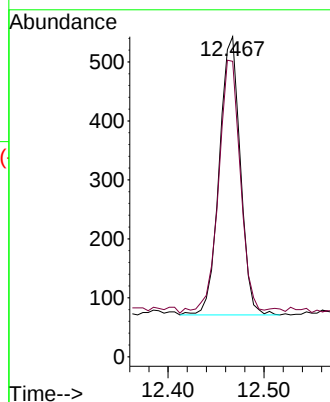
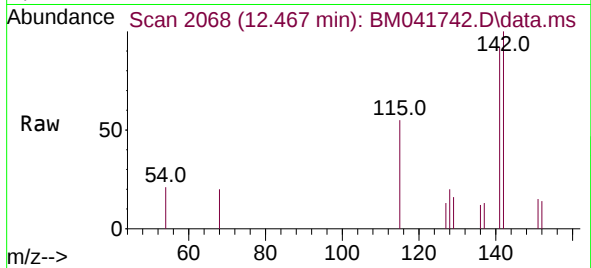




#7  
2-Methylnaphthalene  
Concen: 0.026 ng/ul  
RT: 12.467 min Scan# 2068  
Delta R.T. -0.000 min  
Lab File: BM041742.D  
Acq: 08 Sep 2023 22:24

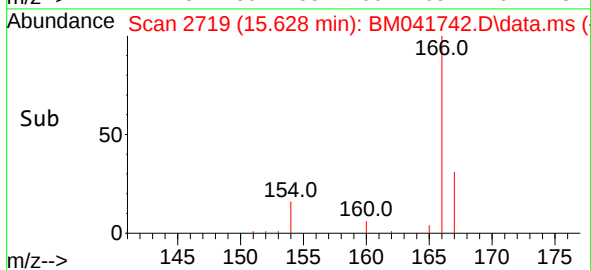
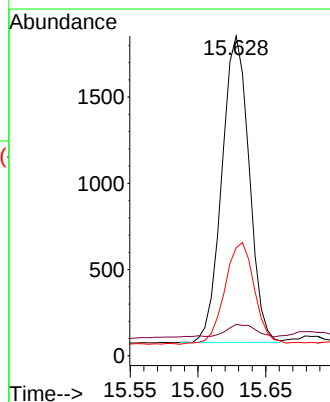
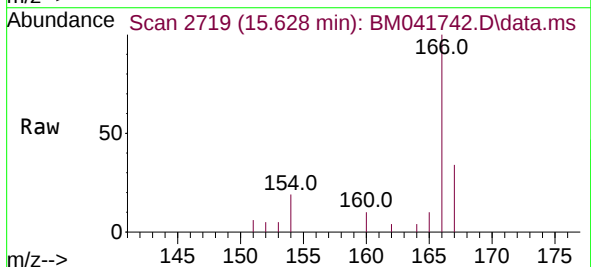
Instrument :  
BNA\_M  
ClientSampleId :

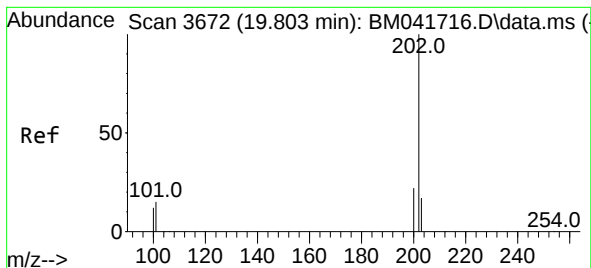
Tgt Ion:142 Resp: 718  
Ion Ratio Lower Upper  
142 100  
141 94.6 72.2 108.2



#12  
Fluorene  
Concen: 0.070 ng/ul  
RT: 15.628 min Scan# 2719  
Delta R.T. -0.056 min  
Lab File: BM041742.D  
Acq: 08 Sep 2023 22:24

Tgt Ion:166 Resp: 2485  
Ion Ratio Lower Upper  
166 100  
165 9.8 79.4 119.2#  
167 33.8 11.3 16.9#





#20

Pyrene

Concen: 0.038 ng/ul

RT: 19.770 min Scan# 3665

Delta R.T. -0.033 min

Lab File: BM041742.D

Acq: 08 Sep 2023 22:24

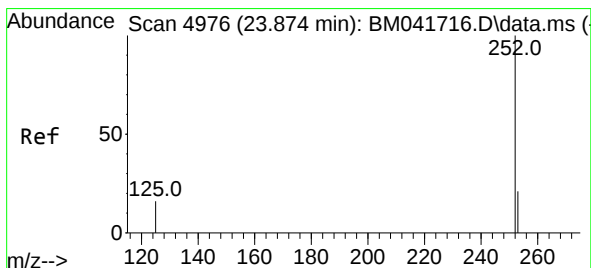
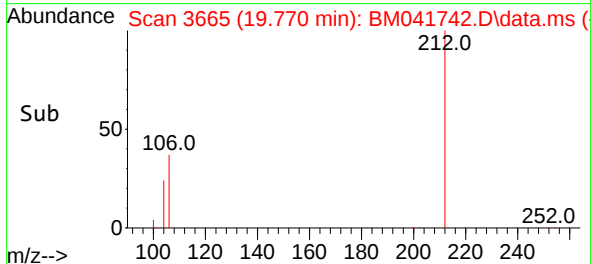
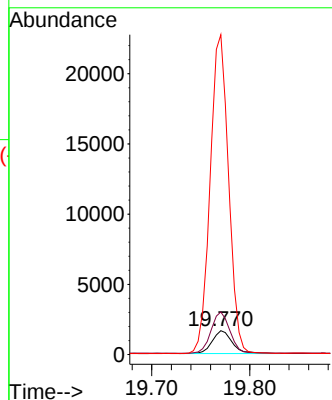
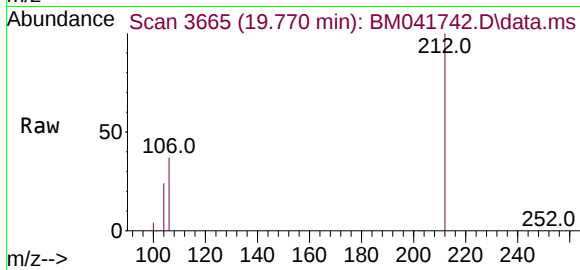
Instrument :

BNA\_M

ClientSampleId :

Tgt Ion:202 Resp: 2270

| Ion | Ratio  | Lower | Upper |
|-----|--------|-------|-------|
| 202 | 100    |       |       |
| 101 | 177.7  | 11.8  | 17.8# |
| 100 | 1334.0 | 9.8   | 14.6# |



#26

Benzo(a)pyrene

Concen: 0.099 ng/ul

RT: 23.822 min Scan# 4958

Delta R.T. -0.053 min

Lab File: BM041742.D

Acq: 08 Sep 2023 22:24

Tgt Ion:252 Resp: 4381

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 48.2  | 22.4  | 33.6# |
| 125 | 50.3  | 21.0  | 31.4# |

