

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071723\  
 Data File : BM040920.D  
 Acq On : 17 Jul 2023 13:25  
 Operator : MA/JU  
 Sample : 03457-16  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0C58

Quant Time: Jul 18 02:46:14 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 15 03:58:02 2023  
 Response via : Initial Calibration

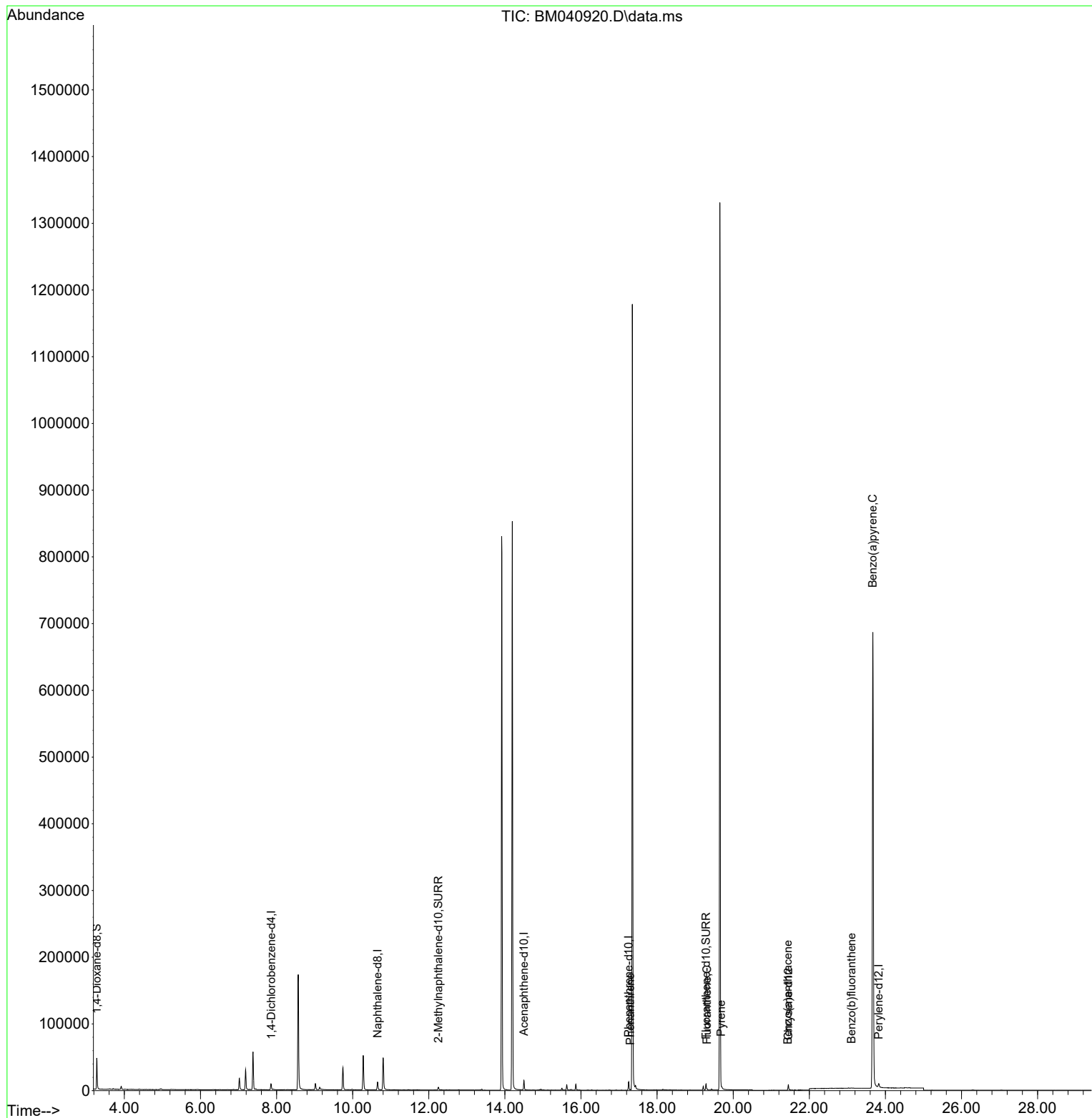
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.857  | 152  | 4633     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.653 | 136  | 15680    | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.499 | 164  | 7595     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.253 | 188  | 13707    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.448 | 240  | 7668     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.825 | 264  | 9185     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.275  | 96   | 26354    | 3.621 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.253 | 152  | 6126     | 0.279 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.287 | 212  | 9998     | 0.407 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.295 | 178  | 913      | 0.021 | ng/ul# | 77       |
| 19) Fluoranthene            | 19.315 | 202  | 1040     | 0.032 | ng/ul# | 57       |
| 20) Pyrene                  | 19.678 | 202  | 987      | 0.028 | ng/ul# | 56       |
| 21) Benzo(a)anthracene      | 21.434 | 228  | 606      | 0.023 | ng/ul# | 77       |
| 24) Benzo(b)fluoranthene    | 23.108 | 252  | 724      | 0.020 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.670 | 252  | 3085     | 0.096 | ng/ul# | 50       |
| -----                       |        |      |          |       |        |          |

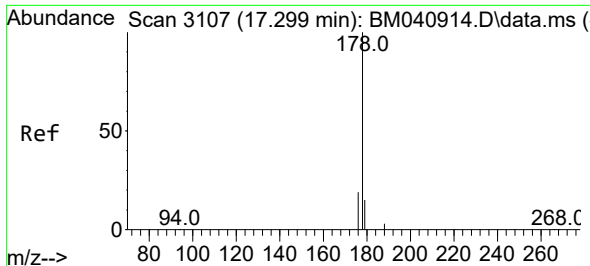
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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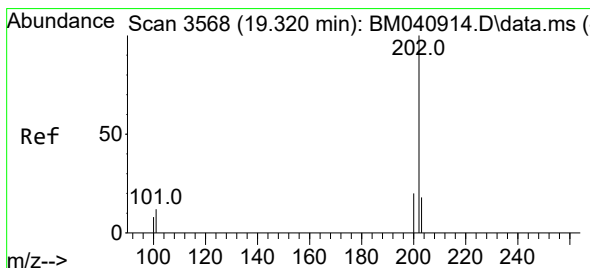
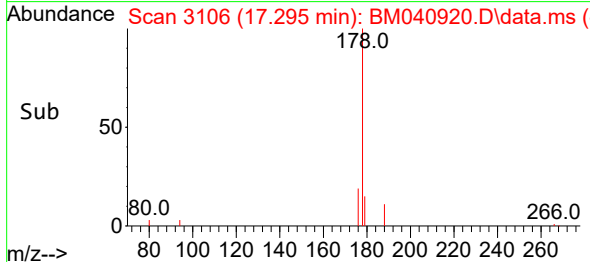
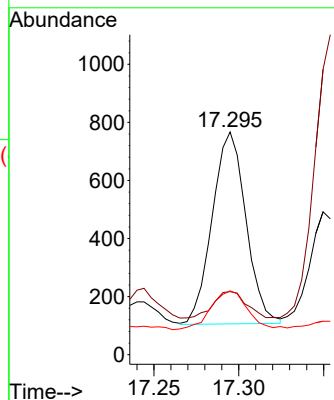
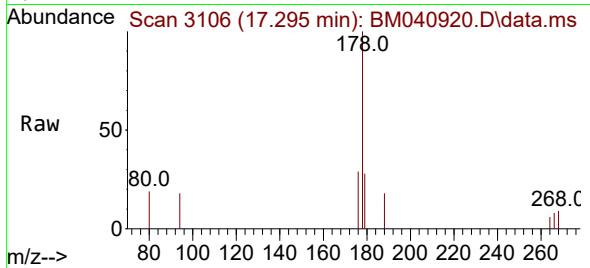




#15  
Phenanthrene  
Concen: 0.021 ng/ul  
RT: 17.295 min Scan# 3107  
Delta R.T. -0.008 min  
Lab File: BM040920.D  
Acq: 17 Jul 2023 13:25

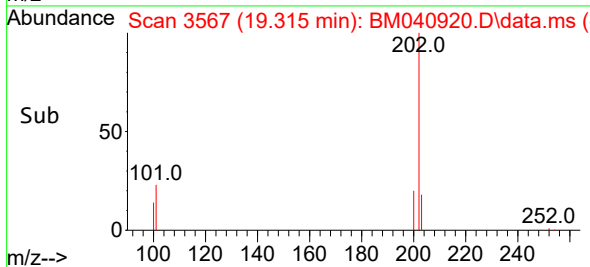
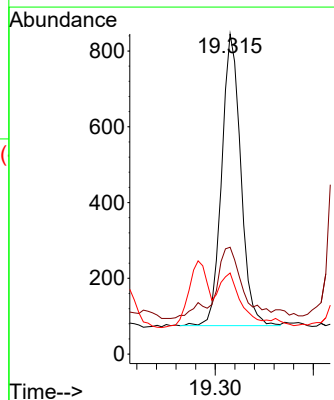
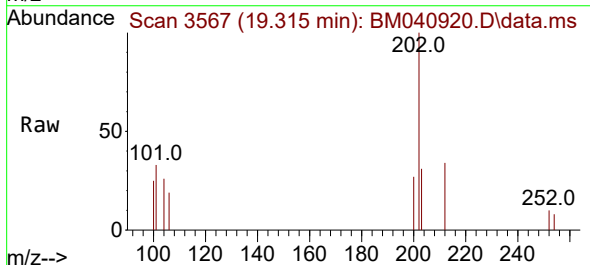
Instrument :  
BNA\_M  
ClientSampleId :  
C0C58

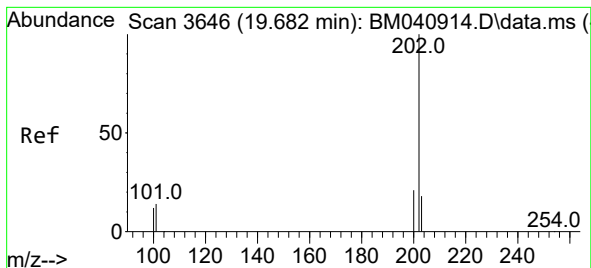
Tgt Ion:178 Resp: 913  
Ion Ratio Lower Upper  
178 100  
179 28.3 12.8 19.2#  
176 28.7 16.4 24.6#



#19  
Fluoranthene  
Concen: 0.032 ng/ul  
RT: 19.315 min Scan# 3567  
Delta R.T. -0.009 min  
Lab File: BM040920.D  
Acq: 17 Jul 2023 13:25

Tgt Ion:202 Resp: 1040  
Ion Ratio Lower Upper  
202 100  
101 33.4 11.4 17.0#  
100 25.3 8.7 13.1#





#20

Pyrene

Concen: 0.028 ng/ul

RT: 19.678 min Scan# 3

Delta R.T. -0.009 min

Lab File: BM040920.D

Acq: 17 Jul 2023 13:25

Instrument :

BNA\_M

ClientSampleId :

C0C58

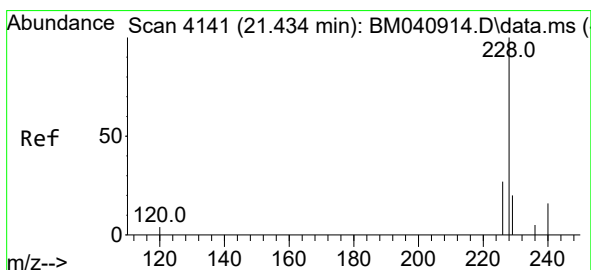
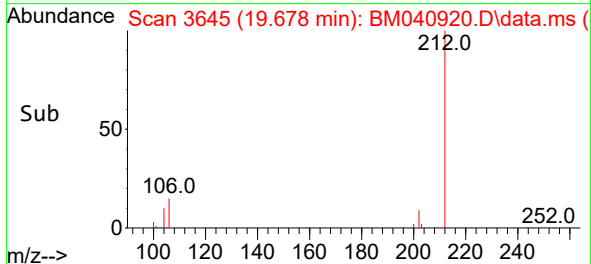
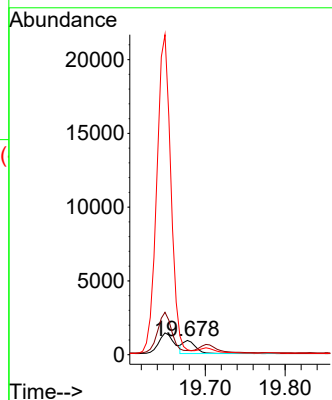
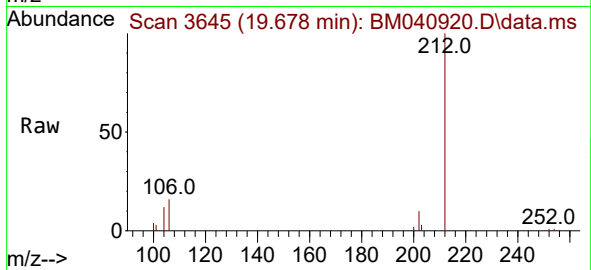
Tgt Ion:202 Resp: 987

Ion Ratio Lower Upper

202 100

101 29.3 12.6 18.8#

100 35.4 9.8 14.6#



#21

Benzo(a)anthracene

Concen: 0.023 ng/ul

RT: 21.434 min Scan# 4141

Delta R.T. -0.000 min

Lab File: BM040920.D

Acq: 17 Jul 2023 13:25

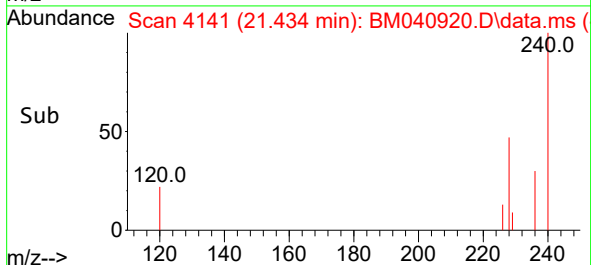
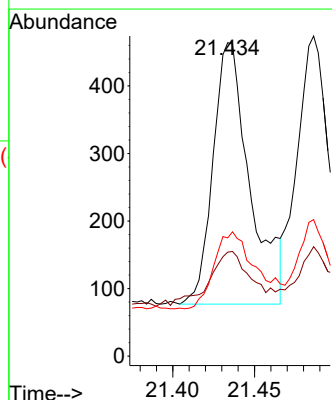
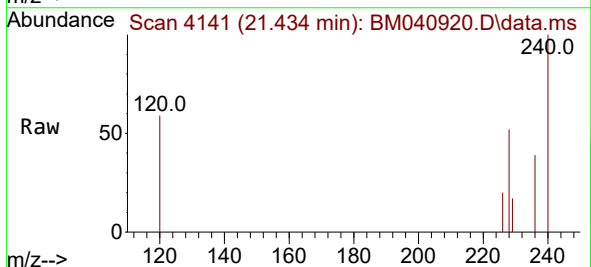
Tgt Ion:228 Resp: 606

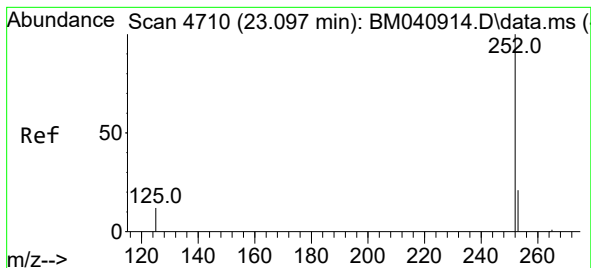
Ion Ratio Lower Upper

228 100

229 33.2 16.0 24.0#

226 37.7 22.3 33.5#





#24

Benzo(b)fluoranthene

Concen: 0.020 ng/ul

RT: 23.108 min Scan# 4714

Delta R.T. 0.006 min

Lab File: BM040920.D

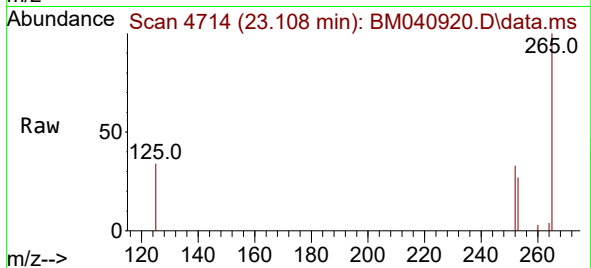
Acq: 17 Jul 2023 13:25

Instrument :

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ClientSampleId :

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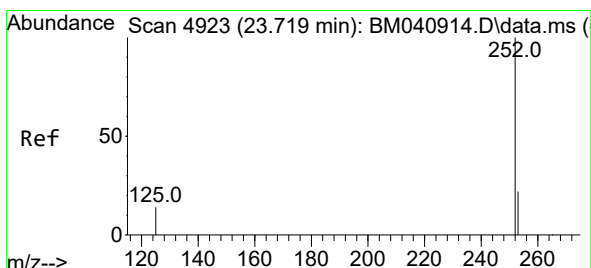
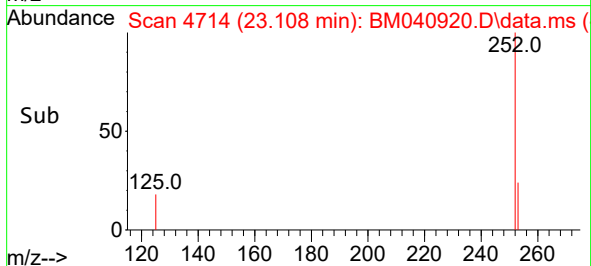
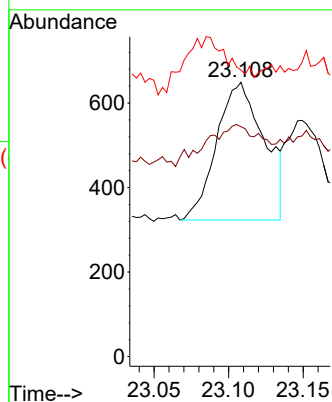
Tgt Ion:252 Resp: 724

Ion Ratio Lower Upper

252 100

253 83.8 0.0 52.8#

125 104.5 0.0 43.0#



#26

Benzo(a)pyrene

Concen: 0.096 ng/ul

RT: 23.670 min Scan# 4906

Delta R.T. -0.053 min

Lab File: BM040920.D

Acq: 17 Jul 2023 13:25

Tgt Ion:252 Resp: 3085

Ion Ratio Lower Upper

252 100

253 52.2 22.9 34.3#

125 54.9 21.0 31.4#

