

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052523\  
 Data File : BM040014.D  
 Acq On : 25 May 2023 22:31  
 Operator : CG/JU  
 Sample : 05861-18  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 H0FL9

Quant Time: May 26 01:18:37 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM052523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 25 15:01:16 2023  
 Response via : Initial Calibration

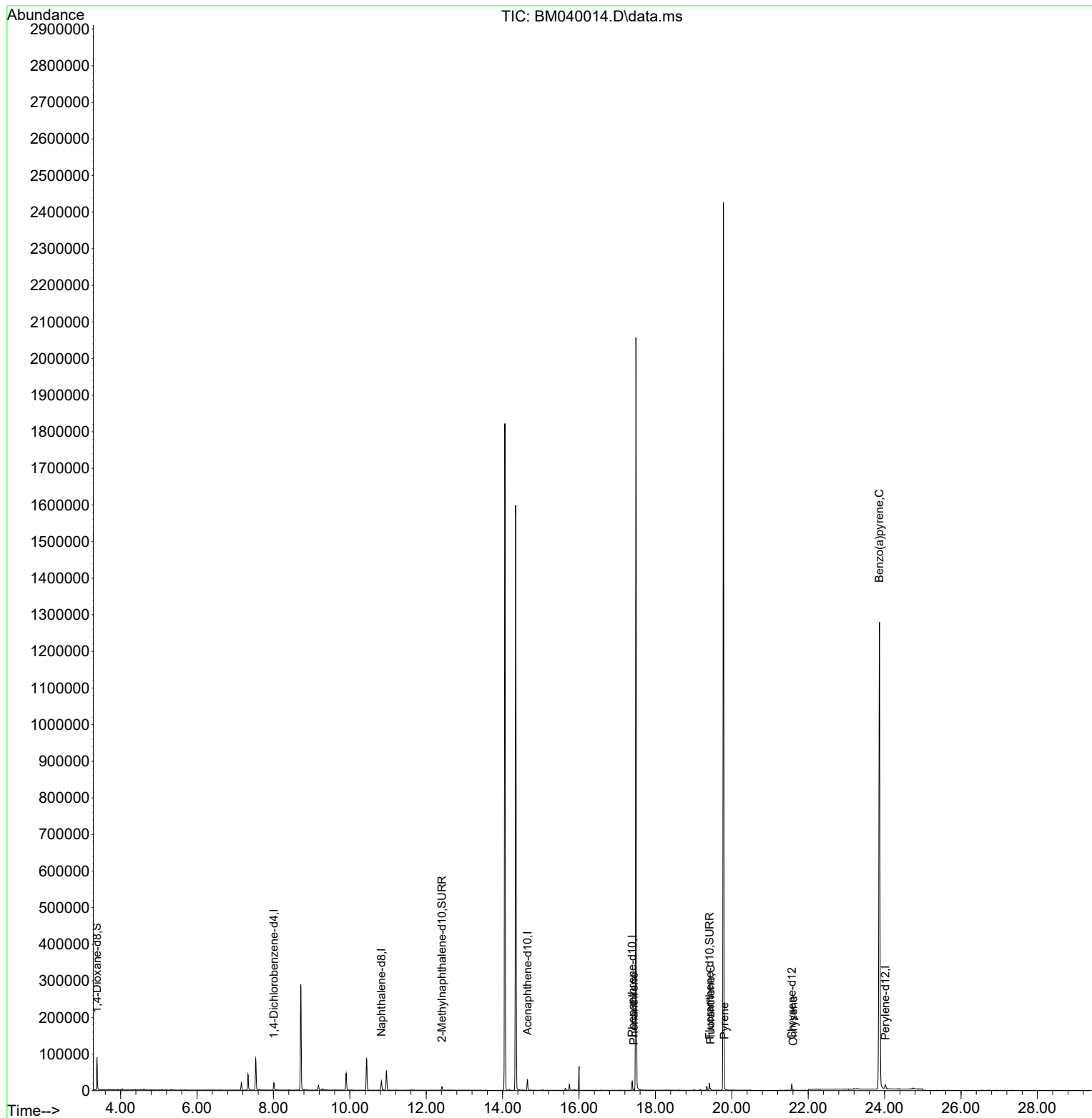
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.012  | 152  | 9648     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.827 | 136  | 32522    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.651 | 164  | 15742    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.391 | 188  | 26732    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.570 | 240  | 14280    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.017 | 264  | 16322    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.380  | 96   | 53493    | 4.762 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.411 | 152  | 11909    | 0.299 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.417 | 212  | 18492    | 0.430 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.433 | 178  | 2342     | 0.031 | ng/ul# | 86       |
| 19) Fluoranthene            | 19.445 | 202  | 3310     | 0.052 | ng/ul# | 89       |
| 20) Pyrene                  | 19.807 | 202  | 1829     | 0.028 | ng/ul# | 81       |
| 22) Chrysene                | 21.608 | 228  | 1087     | 0.021 | ng/ul# | 74       |
| 26) Benzo(a)pyrene          | 23.862 | 252  | 7532     | 0.139 | ng/ul# | 68       |
| -----                       |        |      |          |       |        |          |

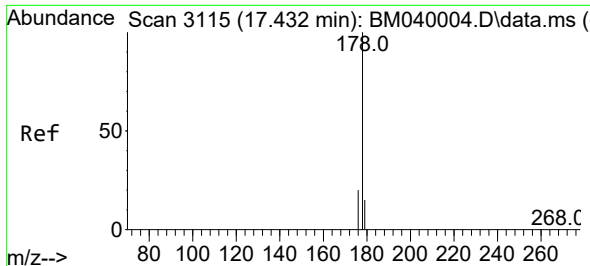
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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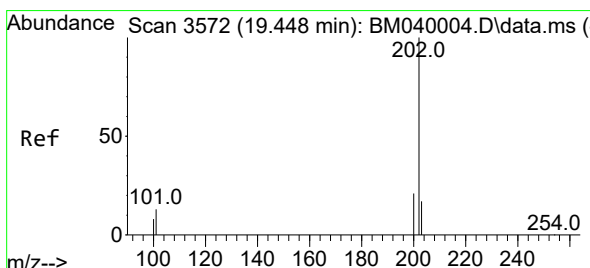
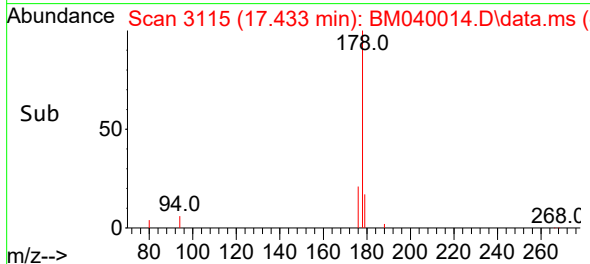
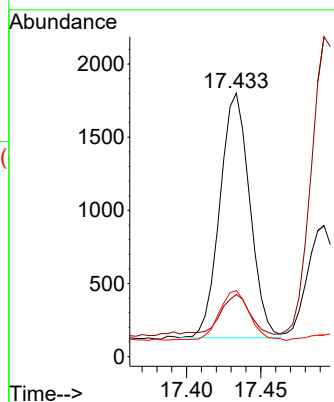
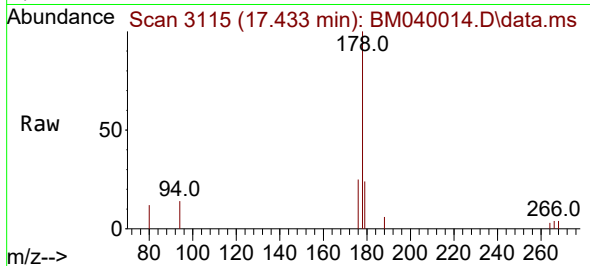




#15  
Phenanthrene  
Concen: 0.031 ng/ul  
RT: 17.433 min Scan# 3115  
Delta R.T. -0.000 min  
Lab File: BM040014.D  
Acq: 25 May 2023 22:31

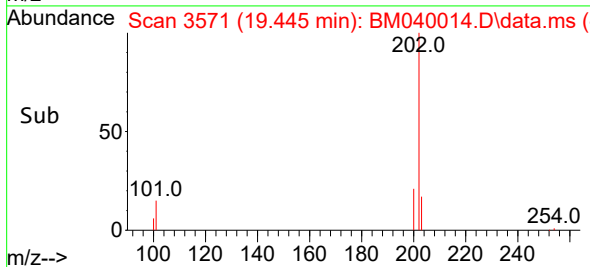
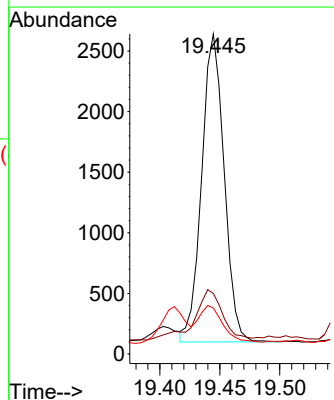
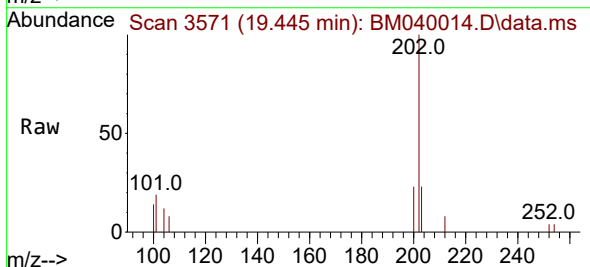
Instrument :  
BNA\_M  
ClientSampleId :  
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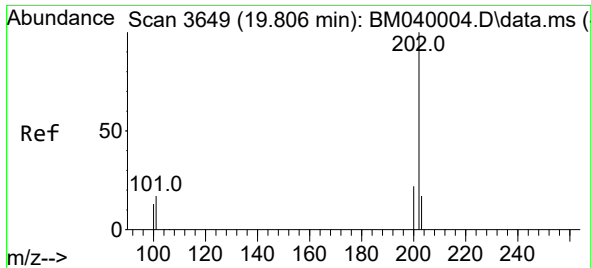
Tgt Ion:178 Resp: 2342  
Ion Ratio Lower Upper  
178 100  
179 23.6 12.4 18.6#  
176 25.0 16.3 24.5#



#19  
Fluoranthene  
Concen: 0.052 ng/ul  
RT: 19.445 min Scan# 3571  
Delta R.T. -0.000 min  
Lab File: BM040014.D  
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Tgt Ion:202 Resp: 3310  
Ion Ratio Lower Upper  
202 100  
101 18.9 11.5 17.3#  
100 14.4 8.5 12.7#

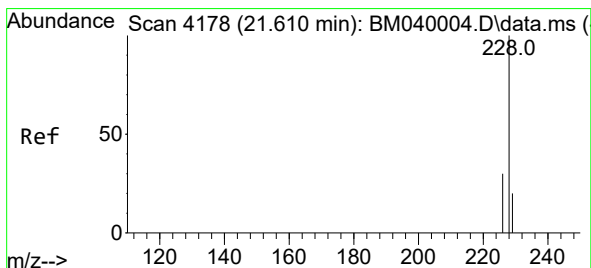
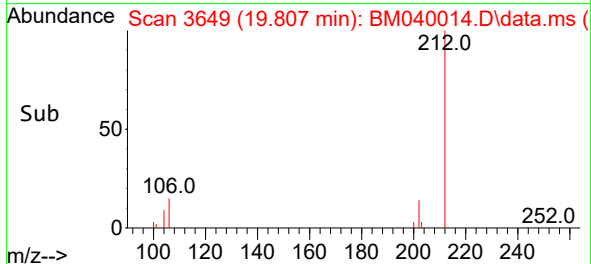
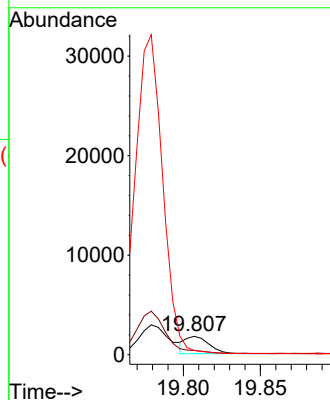
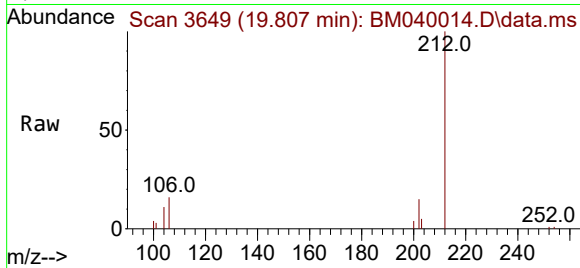




#20  
Pyrene  
Concen: 0.028 ng/ul  
RT: 19.807 min Scan# 3649  
Delta R.T. -0.000 min  
Lab File: BM040014.D  
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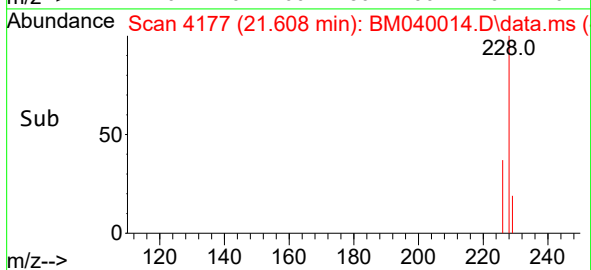
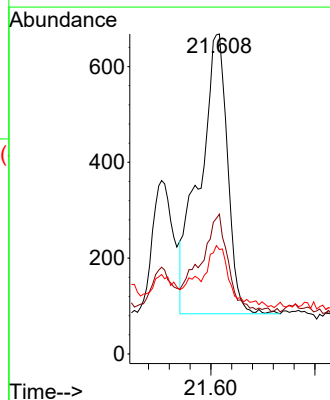
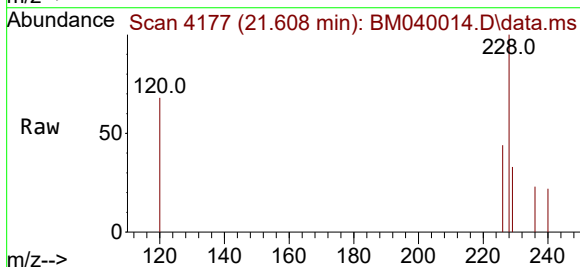
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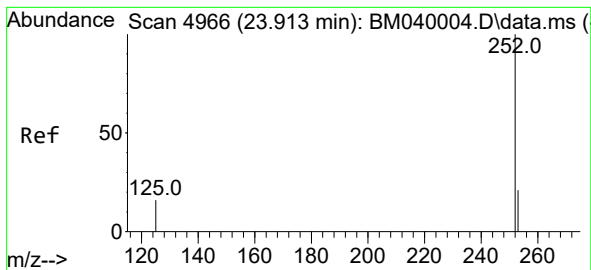
Tgt Ion:202 Resp: 1829  
Ion Ratio Lower Upper  
202 100  
101 22.6 13.3 19.9#  
100 23.4 10.9 16.3#



#22  
Chrysene  
Concen: 0.021 ng/ul  
RT: 21.608 min Scan# 4177  
Delta R.T. -0.003 min  
Lab File: BM040014.D  
Acq: 25 May 2023 22:31

Tgt Ion:228 Resp: 1087  
Ion Ratio Lower Upper  
228 100  
226 43.7 24.6 36.8#  
229 32.6 15.6 23.4#





#26

Benzo(a)pyrene

Concen: 0.139 ng/ul

RT: 23.862 min Scan# 49

Delta R.T. -0.053 min

Lab File: BM040014.D

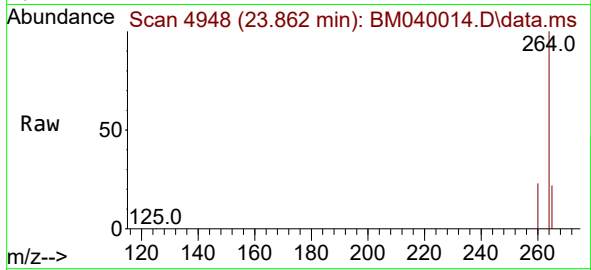
Acq: 25 May 2023 22:31

Instrument :

BNA\_M

ClientSampleId :

H0FL9



Tgt Ion:252 Resp: 7532

Ion Ratio Lower Upper

252 100

253 40.0 20.6 31.0#

125 41.6 19.1 28.7#

