

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071723\  
 Data File : BM040954.D  
 Acq On : 18 Jul 2023 15:18  
 Operator : MA/JU  
 Sample : 03444-04  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A46P5

Quant Time: Jul 18 22:27:05 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 : Tue Jul 18 22:24:09 2023  
 Response via : Initial Calibration

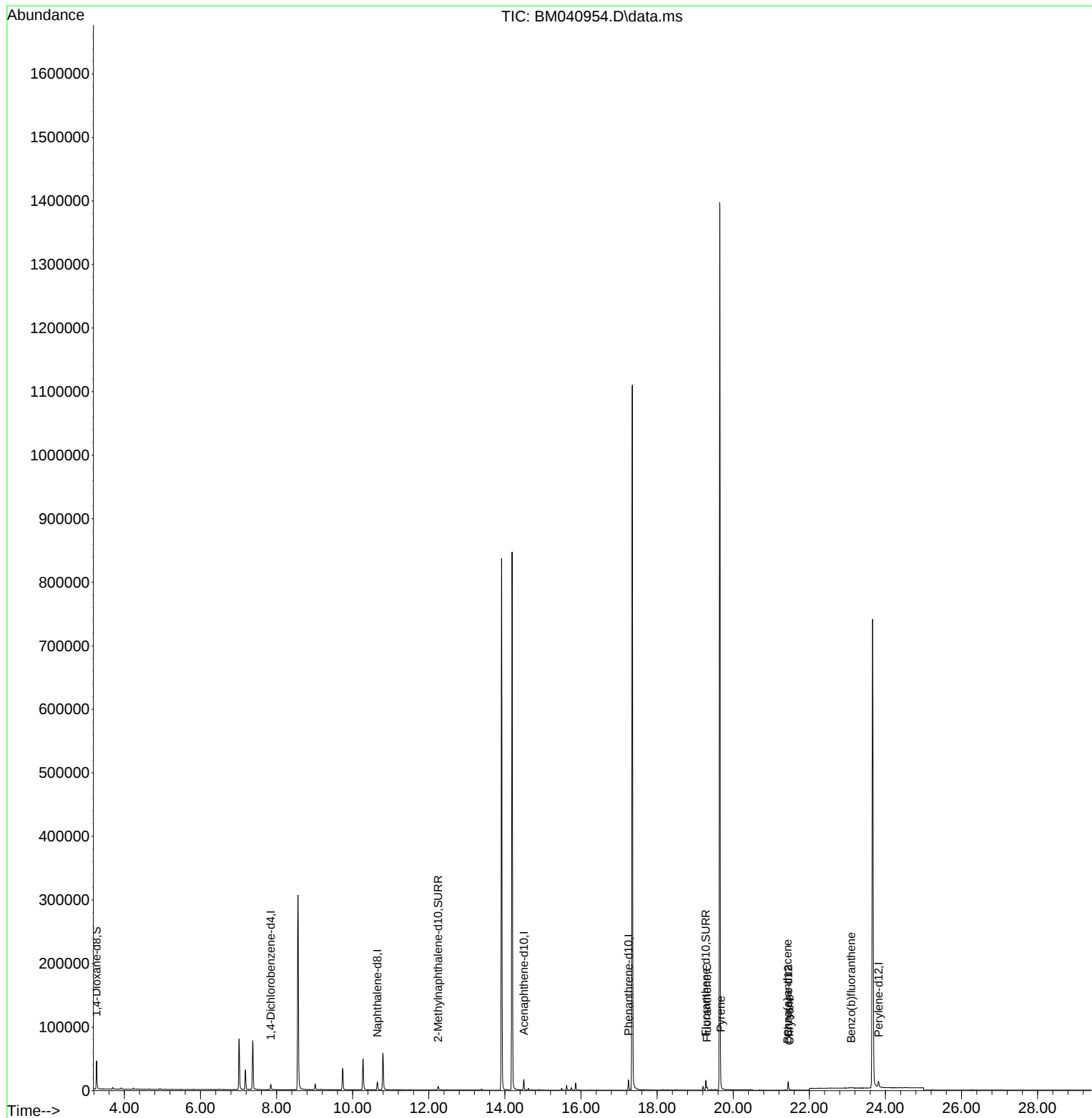
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.849  | 152  | 4449     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.647 | 136  | 16633    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.500 | 164  | 9004     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.249 | 188  | 17744    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.445 | 240  | 11943    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.819 | 264  | 13501    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.271  | 96   | 26585    | 3.804 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.247 | 152  | 8885     | 0.381 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.283 | 212  | 15819    | 0.413 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 19) Fluoranthene            | 19.311 | 202  | 3906     | 0.077 | ng/ul# | 90       |
| 20) Pyrene                  | 19.673 | 202  | 3992     | 0.073 | ng/ul# | 87       |
| 21) Benzo(a)anthracene      | 21.431 | 228  | 1143     | 0.028 | ng/ul# | 80       |
| 22) Chrysene                | 21.480 | 228  | 953      | 0.021 | ng/ul# | 83       |
| 24) Benzo(b)fluoranthene    | 23.103 | 252  | 1370     | 0.026 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

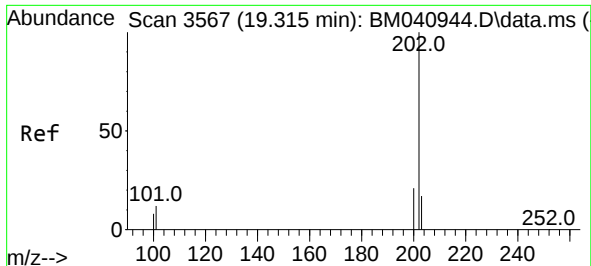
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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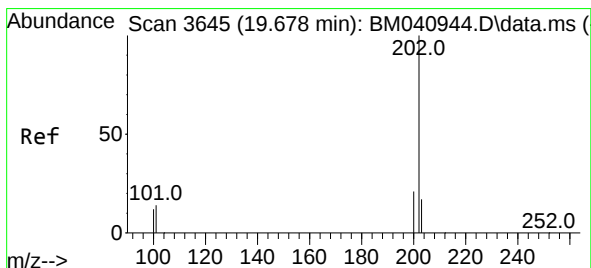
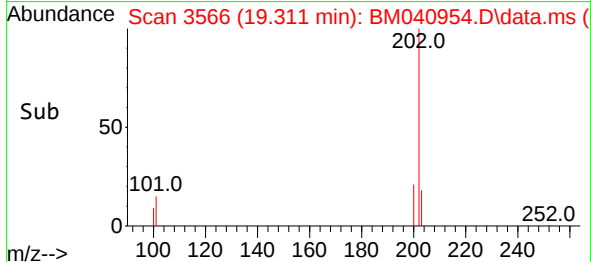
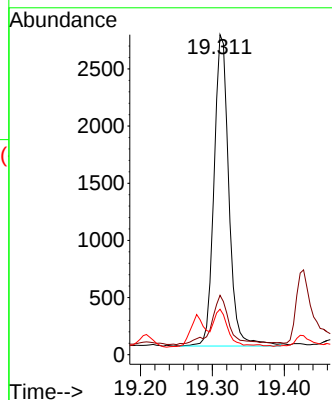
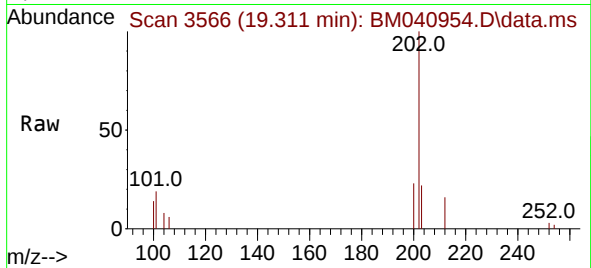




#19  
Fluoranthene  
Concen: 0.077 ng/ul  
RT: 19.311 min Scan# 3566  
Delta R.T. -0.005 min  
Lab File: BM040954.D  
Acq: 18 Jul 2023 15:18

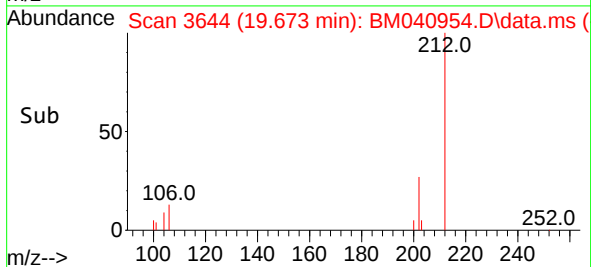
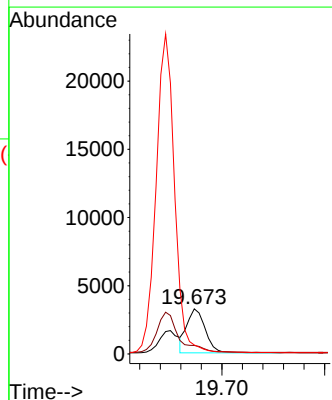
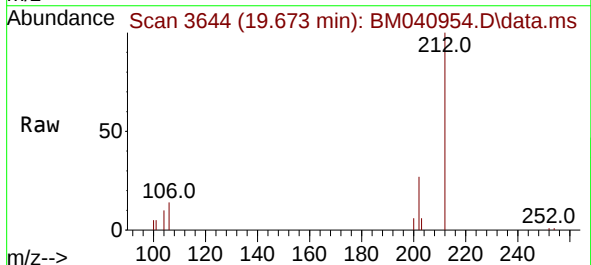
Instrument :  
BNA\_M  
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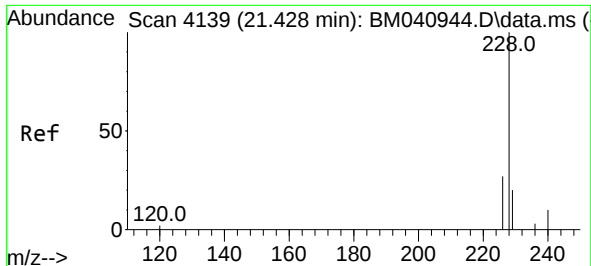
Tgt Ion:202 Resp: 3906  
Ion Ratio Lower Upper  
202 100  
101 18.5 11.4 17.0#  
100 14.2 8.7 13.1#



#20  
Pyrene  
Concen: 0.073 ng/ul  
RT: 19.673 min Scan# 3644  
Delta R.T. -0.005 min  
Lab File: BM040954.D  
Acq: 18 Jul 2023 15:18

Tgt Ion:202 Resp: 3992  
Ion Ratio Lower Upper  
202 100  
101 18.9 12.6 18.8#  
100 19.8 9.8 14.6#

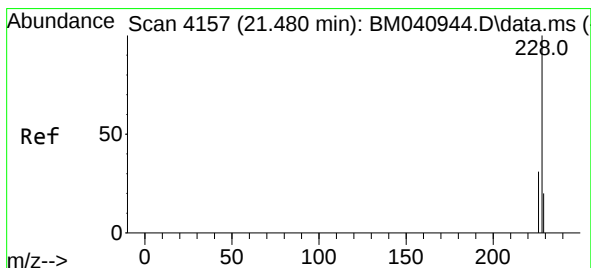
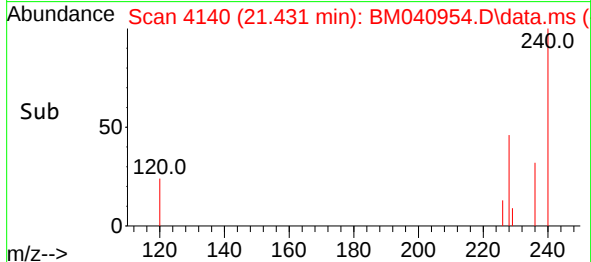
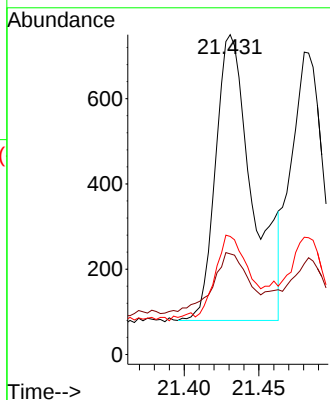
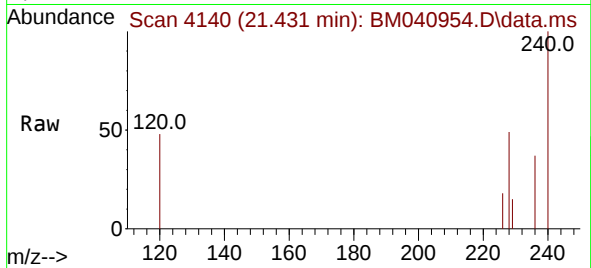




#21  
Benzo(a)anthracene  
Concen: 0.028 ng/ul  
RT: 21.431 min Scan# 4139  
Delta R.T. 0.003 min  
Lab File: BM040954.D  
Acq: 18 Jul 2023 15:18

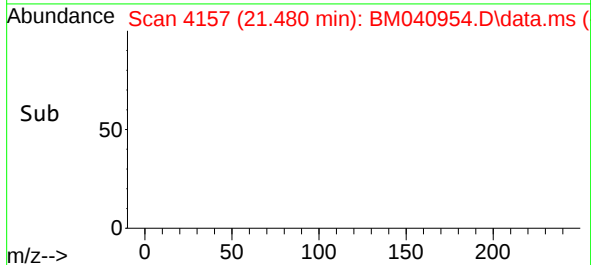
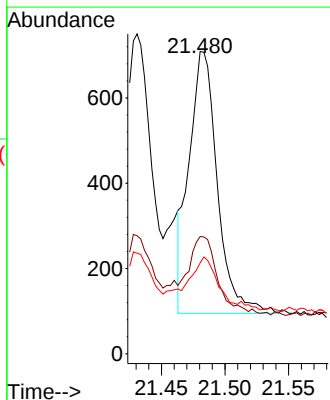
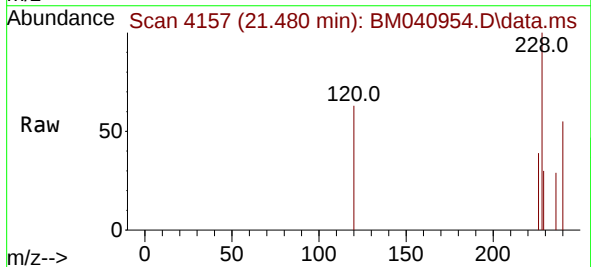
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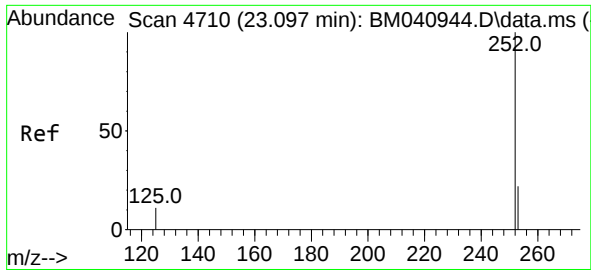
Tgt Ion:228 Resp: 1143  
Ion Ratio Lower Upper  
228 100  
229 31.5 16.0 24.0#  
226 36.9 22.3 33.5#



#22  
Chrysene  
Concen: 0.021 ng/ul  
RT: 21.480 min Scan# 4157  
Delta R.T. 0.000 min  
Lab File: BM040954.D  
Acq: 18 Jul 2023 15:18

Tgt Ion:228 Resp: 953  
Ion Ratio Lower Upper  
228 100  
226 38.8 24.9 37.3#  
229 30.0 15.8 23.6#





#24

Benzo(b)fluoranthene

Concen: 0.026 ng/ul

RT: 23.103 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM040954.D

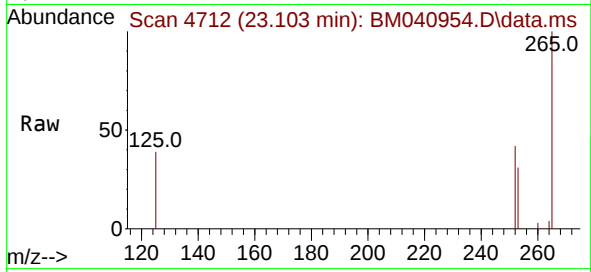
Acq: 18 Jul 2023 15:18

Instrument :

BNA\_M

ClientSampleId :

A46P5



Tgt Ion:252 Resp: 1370

Ion Ratio Lower Upper

252 100

253 73.6 0.0 52.8#

125 92.1 0.0 43.0#

