

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN033023\  
 Data File : BN024719.D  
 Acq On : 01 Apr 2023 16:40  
 Operator : CG/JU  
 Sample : 0208604  
 Misc :  
 ALS Vial : 75 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFZ74

Quant Time: Apr 03 01:37:54 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN033023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 01 04:05:52 2023  
 Response via : Initial Calibration

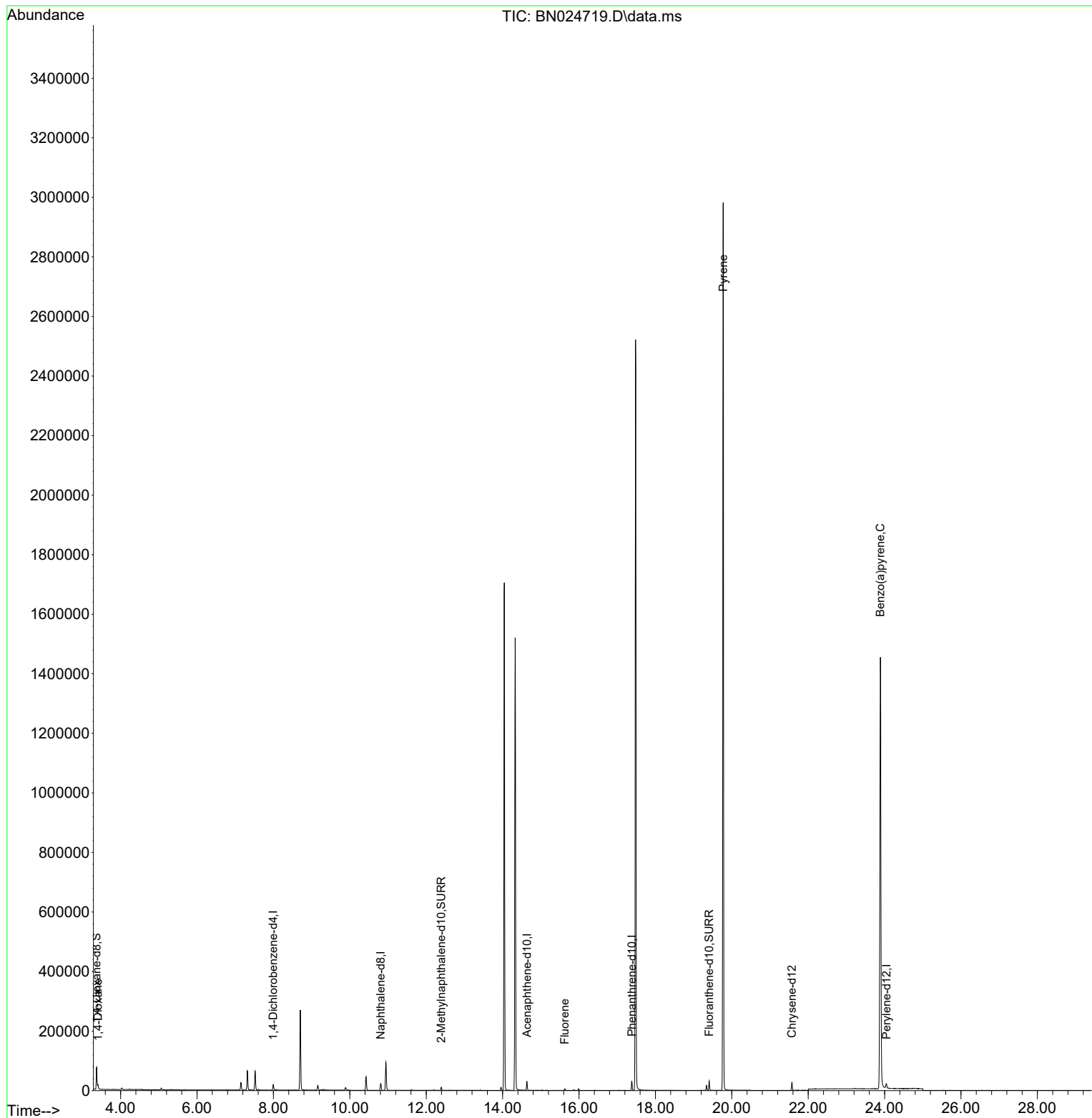
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.996  | 152  | 9478     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.812 | 136  | 28983    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.638 | 164  | 16722    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.384 | 188  | 35249    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.574 | 240  | 26412    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.047 | 264  | 23445    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.372  | 96   | 43084    | 4.429 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.395 | 152  | 12492    | 0.349 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.408 | 212  | 32217    | 0.498 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.410  | 88   | 7689     | 0.751 | ng/ul  | 93       |
| 12) Fluorene                | 15.628 | 166  | 4588     | 0.078 | ng/ul# | 15       |
| 20) Pyrene                  | 19.775 | 202  | 4709     | 0.050 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.889 | 252  | 7887     | 0.103 | ng/ul# | 58       |
| -----                       |        |      |          |       |        |          |

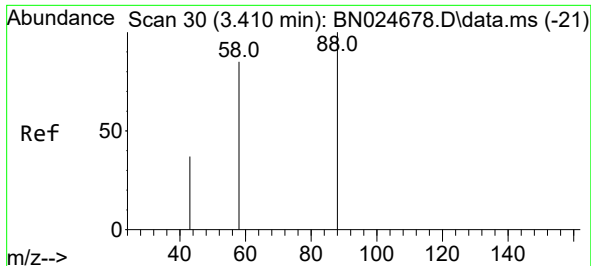
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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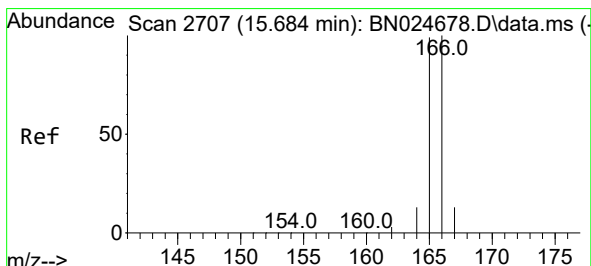
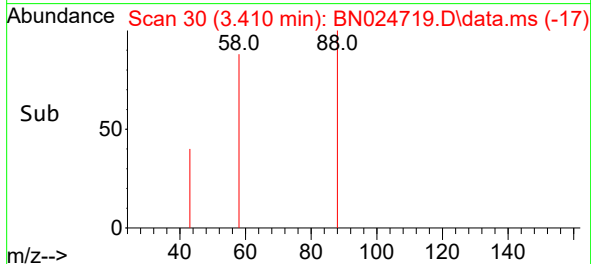
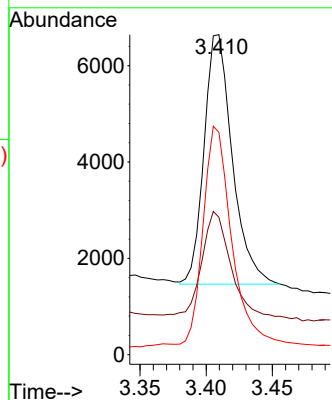
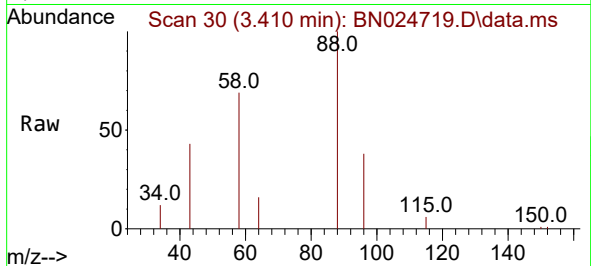




#2  
 1,4-Dioxane  
 Concen: 0.751 ng/ul  
 RT: 3.410 min Scan# 30  
 Delta R.T. 0.004 min  
 Lab File: BN024719.D  
 Acq: 01 Apr 2023 16:40

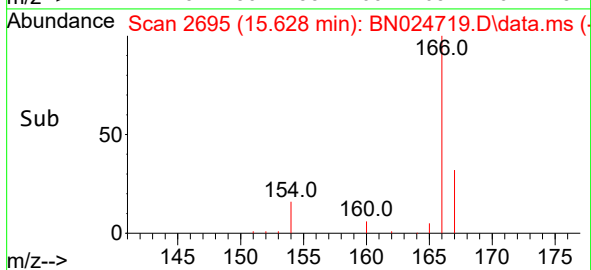
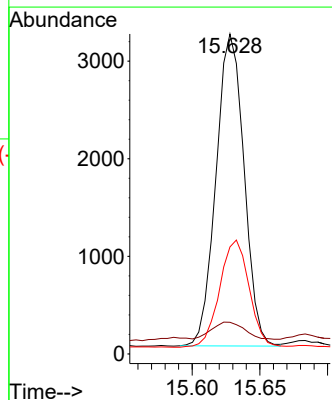
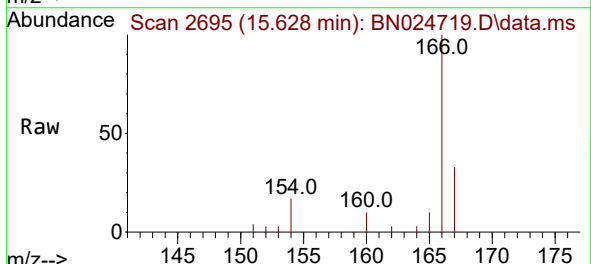
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BFZ74

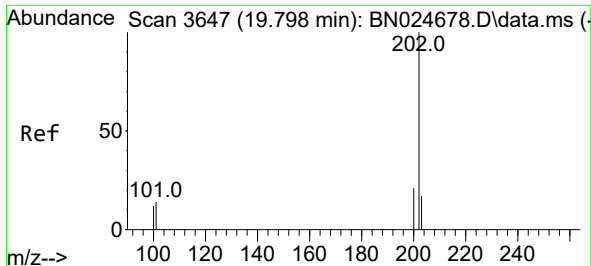
Tgt Ion: 88 Resp: 7689  
 Ion Ratio Lower Upper  
 88 100  
 43 43.0 37.2 55.8  
 58 69.4 61.5 92.3



#12  
 Fluorene  
 Concen: 0.078 ng/ul  
 RT: 15.628 min Scan# 2695  
 Delta R.T. -0.056 min  
 Lab File: BN024719.D  
 Acq: 01 Apr 2023 16:40

Tgt Ion: 166 Resp: 4588  
 Ion Ratio Lower Upper  
 166 100  
 165 9.9 80.0 120.0#  
 167 33.5 10.8 16.2#





#20

Pyrene

Concen: 0.050 ng/ul

RT: 19.775 min Scan# 3

Delta R.T. -0.023 min

Lab File: BN024719.D

Acq: 01 Apr 2023 16:40

Instrument :

BNA\_N

ClientSampleId :

BFZ74

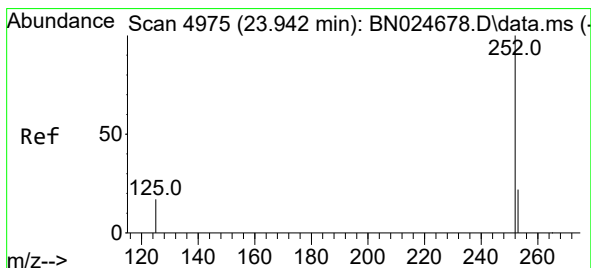
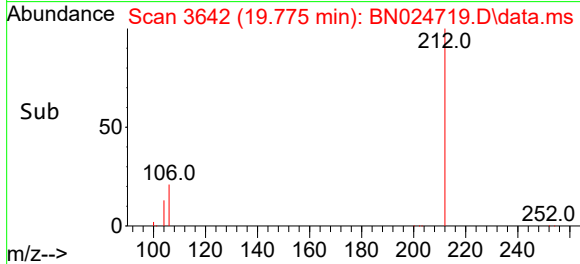
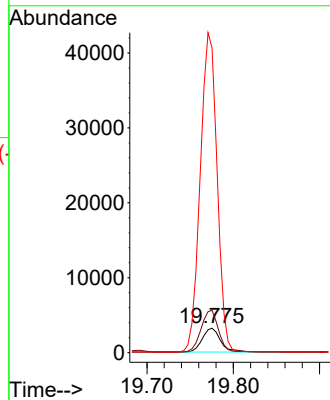
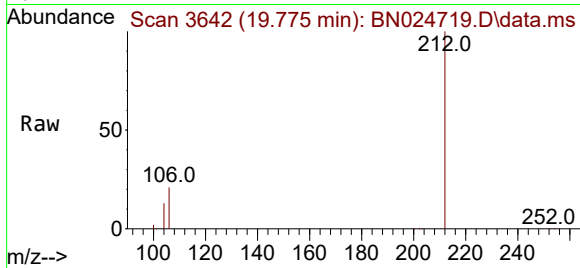
Tgt Ion:202 Resp: 4709

Ion Ratio Lower Upper

202 100

101 172.8 10.9 16.3#

100 1241.0 8.7 13.1#



#26

Benzo(a)pyrene

Concen: 0.103 ng/ul

RT: 23.889 min Scan# 4957

Delta R.T. -0.050 min

Lab File: BN024719.D

Acq: 01 Apr 2023 16:40

Tgt Ion:252 Resp: 7887

Ion Ratio Lower Upper

252 100

253 45.7 21.8 32.8#

125 42.5 15.4 23.0#

