

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081222\  
 Data File : BN021202.D  
 Acq On : 13 Aug 2022 08:29  
 Operator : CG/JU  
 Sample : N4165-17  
 Misc :  
 ALS Vial : 87 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Aug 14 23:02:24 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN080322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Aug 13 04:02:44 2022  
 Response via : Initial Calibration

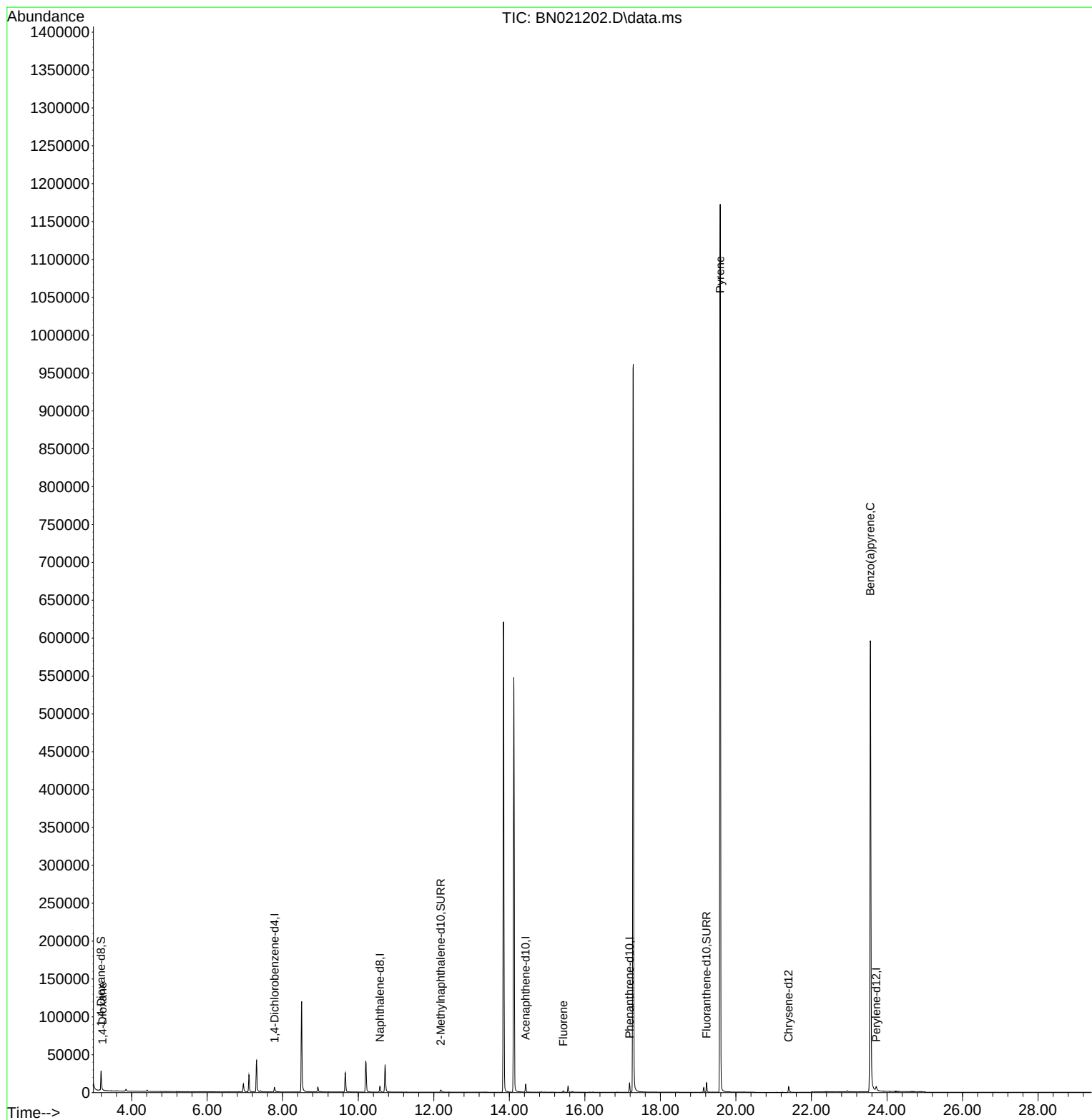
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.784  | 152  | 3793     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.574 | 136  | 11527    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.434 | 164  | 6009     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.184 | 188  | 14016    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.395 | 240  | 9468     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.716 | 264  | 9037     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.190  | 96   | 15967    | 3.290 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.186 | 152  | 5220     | 0.309 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.222 | 212  | 14337    | 0.490 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.228  | 88   | 514      | 0.103 | ng/ul# | 50       |
| 12) Fluorene                | 15.428 | 166  | 1793     | 0.071 | ng/ul# | 14       |
| 20) Pyrene                  | 19.584 | 202  | 1920     | 0.044 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.561 | 252  | 3090     | 0.081 | ng/ul# | 66       |
| -----                       |        |      |          |       |        |          |

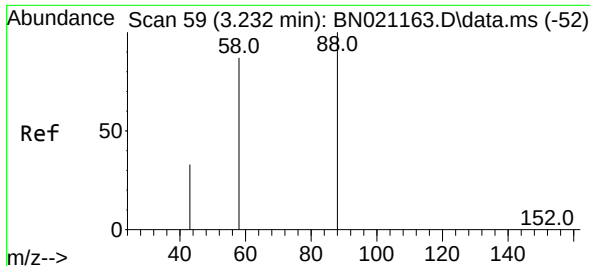
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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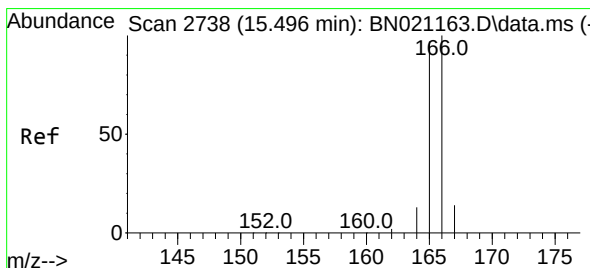
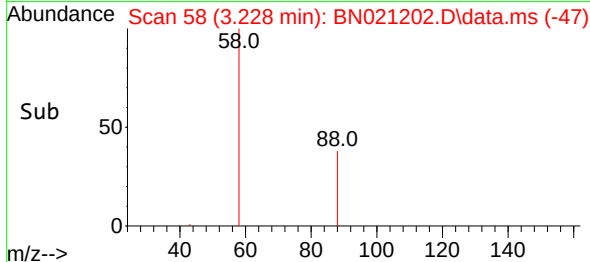
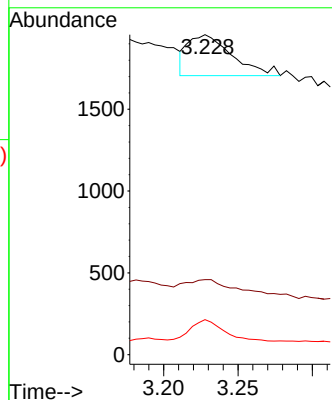
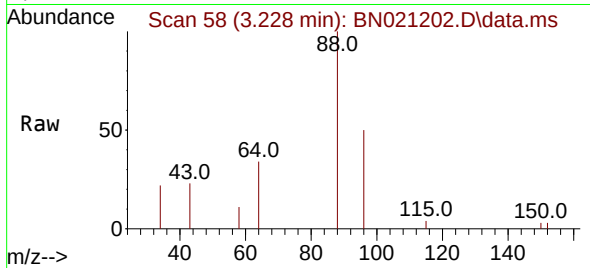




#2  
1,4-Dioxane  
Concen: 0.103 ng/ul  
RT: 3.228 min Scan# 51  
Delta R.T. -0.004 min  
Lab File: BN021202.D  
Acq: 13 Aug 2022 08:29

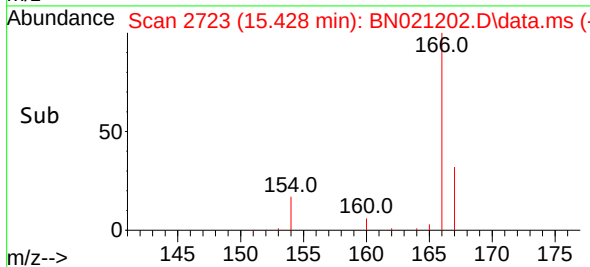
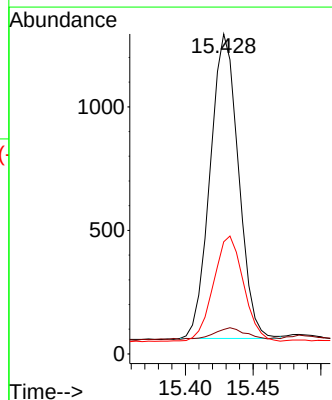
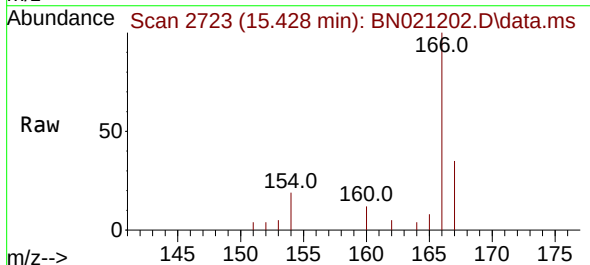
Instrument :  
BNA\_N  
ClientSampleId :

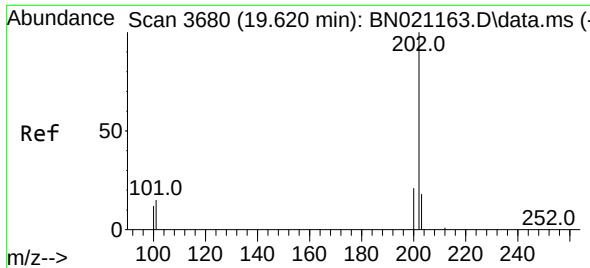
Tgt Ion: 88 Resp: 514  
Ion Ratio Lower Upper  
88 100  
43 23.4 31.4 47.0#  
58 10.9 49.0 73.6#



#12  
Fluorene  
Concen: 0.071 ng/ul  
RT: 15.428 min Scan# 2723  
Delta R.T. -0.064 min  
Lab File: BN021202.D  
Acq: 13 Aug 2022 08:29

Tgt Ion: 166 Resp: 1793  
Ion Ratio Lower Upper  
166 100  
165 7.6 78.6 117.8#  
167 35.1 11.8 17.6#

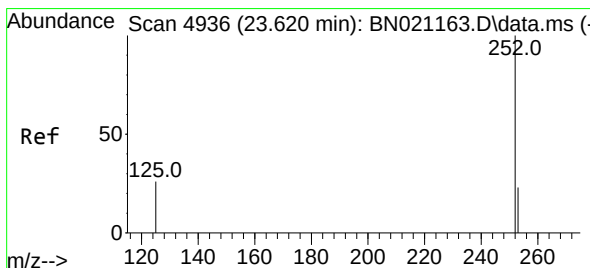
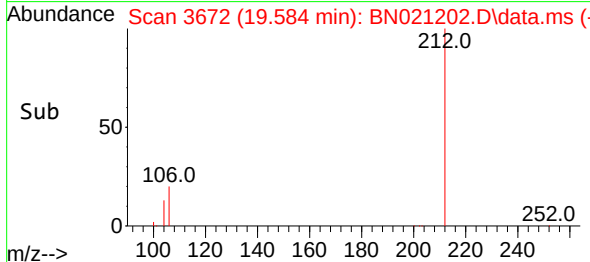
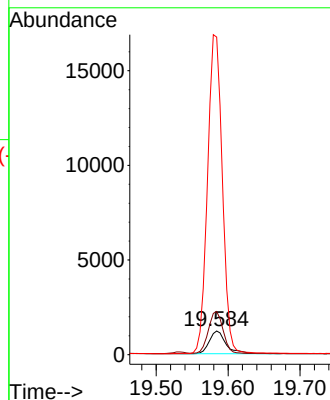
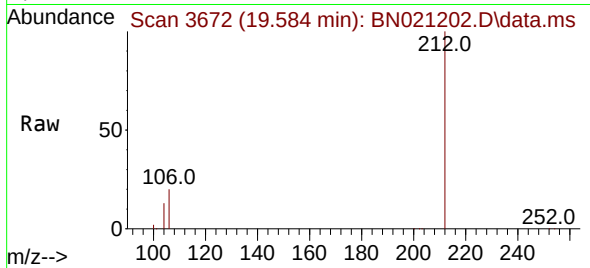




#20  
Pyrene  
Concen: 0.044 ng/ul  
RT: 19.584 min Scan# 30  
Delta R.T. -0.037 min  
Lab File: BN021202.D  
Acq: 13 Aug 2022 08:29

Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:202 Resp: 1920  
Ion Ratio Lower Upper  
202 100  
101 182.3 11.3 16.9#  
100 1339.9 9.0 13.4#



#26  
Benzo(a)pyrene  
Concen: 0.081 ng/ul  
RT: 23.561 min Scan# 4916  
Delta R.T. -0.061 min  
Lab File: BN021202.D  
Acq: 13 Aug 2022 08:29

Tgt Ion:252 Resp: 3090  
Ion Ratio Lower Upper  
252 100  
253 45.7 22.1 33.1#  
125 33.3 14.7 22.1#

