

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100523\  
 Data File : BN028133.D  
 Acq On : 07 Oct 2023 22:39  
 Operator : MA/JU  
 Sample : 04607-15  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BBHC1

Quant Time: Oct 08 00:53:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN100323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 06 05:15:40 2023  
 Response via : Initial Calibration

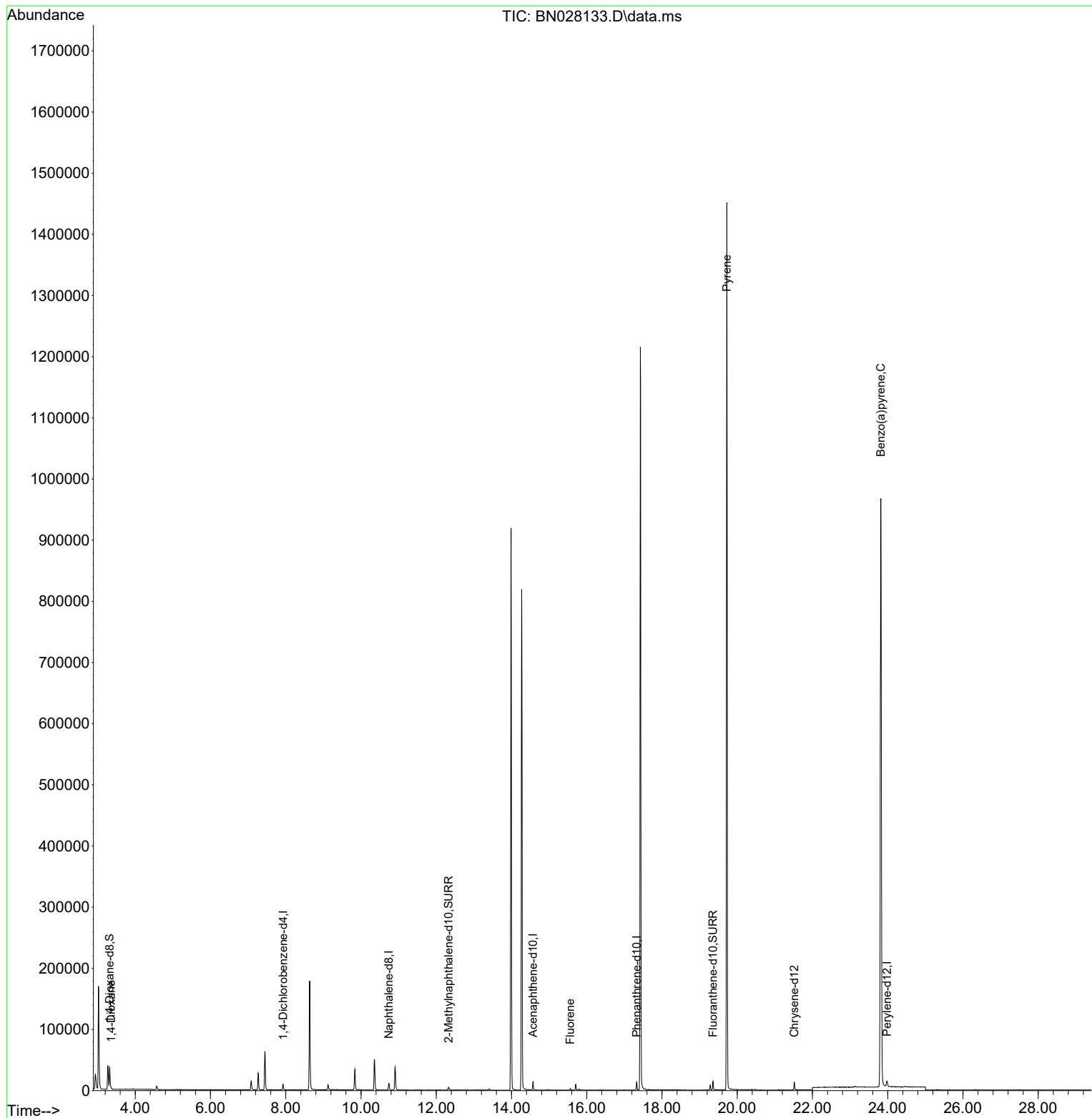
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.928  | 152  | 4745     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.740 | 136  | 14430    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.573 | 164  | 7441     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.329 | 188  | 14795    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.519 | 240  | 12512    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.980 | 264  | 14423    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.321  | 96   | 25965    | 4.357 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.329 | 152  | 6841     | 0.294 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.357 | 212  | 14851    | 0.374 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.355  | 88   | 1112     | 0.176 | ng/ul# | 87       |
| 12) Fluorene                | 15.563 | 166  | 2183     | 0.073 | ng/ul# | 17       |
| 20) Pyrene                  | 19.724 | 202  | 2076     | 0.042 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.816 | 252  | 4840     | 0.106 | ng/ul# | 48       |
| -----                       |        |      |          |       |        |          |

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

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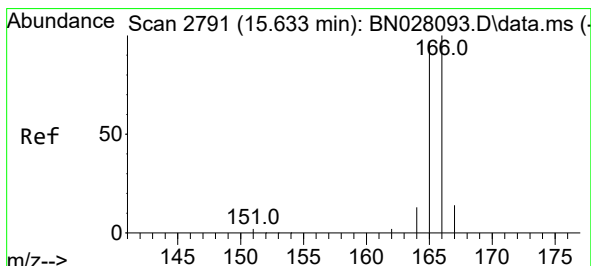
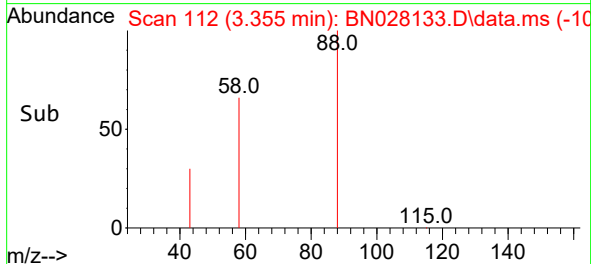
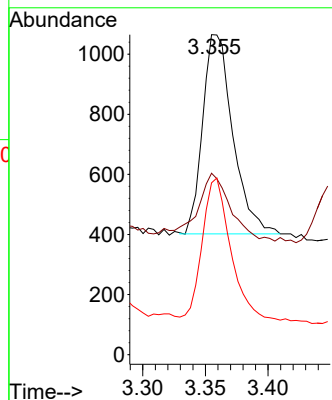
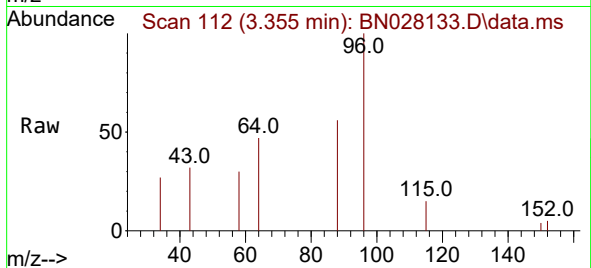




#2  
1,4-Dioxane  
Concen: 0.176 ng/ul  
RT: 3.355 min Scan# 111  
Delta R.T. -0.009 min  
Lab File: BN028133.D  
Acq: 07 Oct 2023 22:39

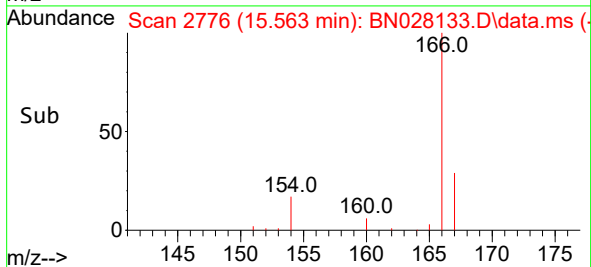
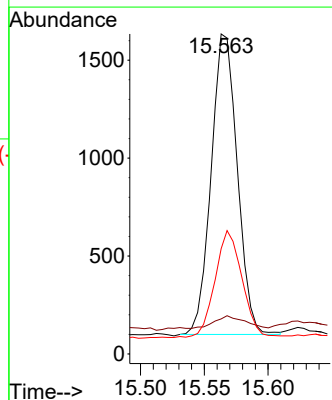
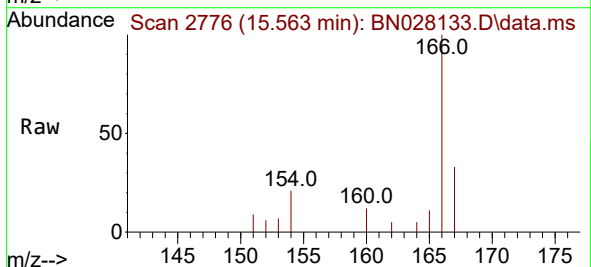
Instrument :  
BNA\_N  
ClientSampleId :  
BBHC1

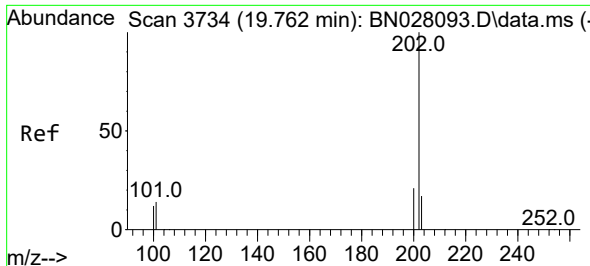
Tgt Ion: 88 Resp: 1112  
Ion Ratio Lower Upper  
88 100  
43 56.7 33.4 50.2#  
58 53.7 45.7 68.5



#12  
Fluorene  
Concen: 0.073 ng/ul  
RT: 15.563 min Scan# 2776  
Delta R.T. -0.070 min  
Lab File: BN028133.D  
Acq: 07 Oct 2023 22:39

Tgt Ion:166 Resp: 2183  
Ion Ratio Lower Upper  
166 100  
165 11.0 78.5 117.7#  
167 32.9 11.2 16.8#

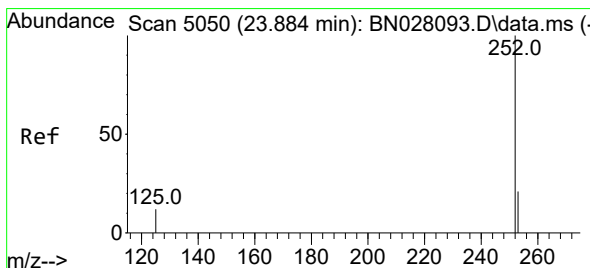
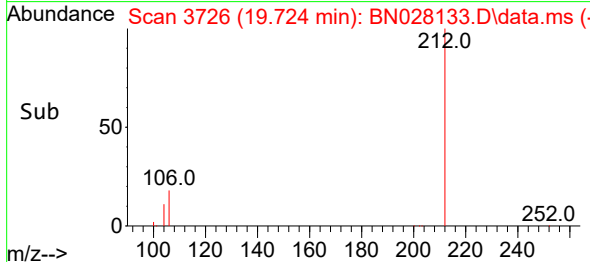
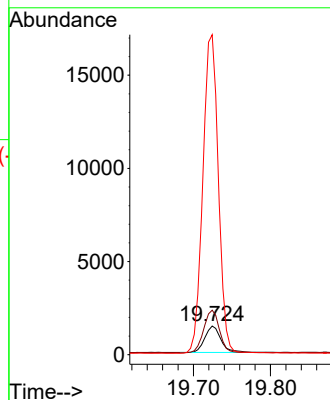
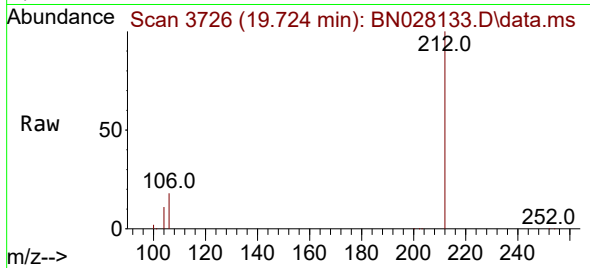




#20  
Pyrene  
Concen: 0.042 ng/ul  
RT: 19.724 min Scan# 31  
Delta R.T. -0.033 min  
Lab File: BN028133.D  
Acq: 07 Oct 2023 22:39

Instrument :  
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Tgt Ion:202 Resp: 2076  
Ion Ratio Lower Upper  
202 100  
101 154.8 11.2 16.8#  
100 1113.9 9.1 13.7#



#26  
Benzo(a)pyrene  
Concen: 0.106 ng/ul  
RT: 23.816 min Scan# 5027  
Delta R.T. -0.053 min  
Lab File: BN028133.D  
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Tgt Ion:252 Resp: 4840  
Ion Ratio Lower Upper  
252 100  
253 54.8 23.4 35.2#  
125 45.4 15.3 22.9#

