

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090823\  
 Data File : BN027483.D  
 Acq On : 08 Sep 2023 19:29  
 Operator : MA/JU  
 Sample : 04427-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Sep 09 00:27:59 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN090123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 08 03:55:54 2023  
 Response via : Initial Calibration

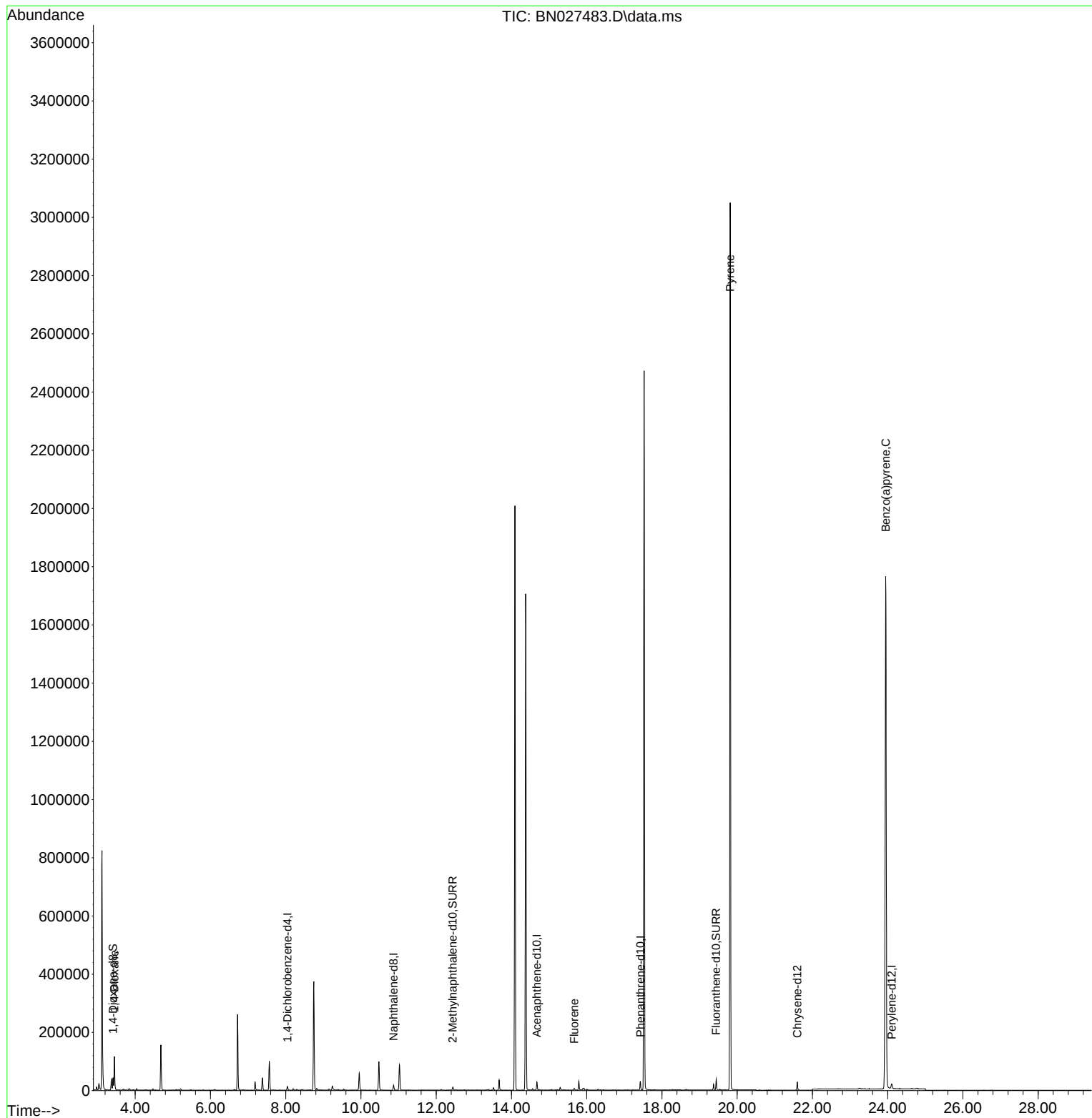
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.047  | 152  | 6561     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.867 | 136  | 22689    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.675 | 164  | 15112    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.426 | 188  | 33964    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.598 | 240  | 25993    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.106 | 264  | 25232    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.410  | 96   | 27242    | 3.121 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.440 | 152  | 14068    | 0.409 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.441 | 212  | 39128    | 0.439 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.443  | 88   | 81839    | 9.267 | ng/ul# | 82       |
| 12) Fluorene                | 15.670 | 166  | 5137     | 0.077 | ng/ul# | 15       |
| 20) Pyrene                  | 19.813 | 202  | 4946     | 0.041 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.948 | 252  | 9538     | 0.102 | ng/ul# | 69       |
| -----                       |        |      |          |       |        |          |

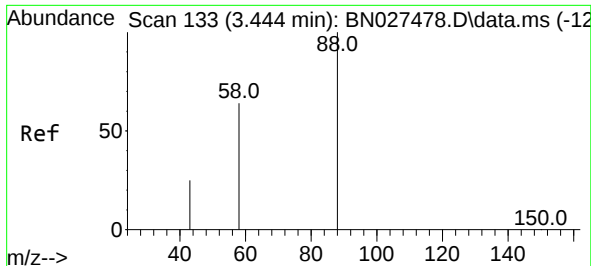
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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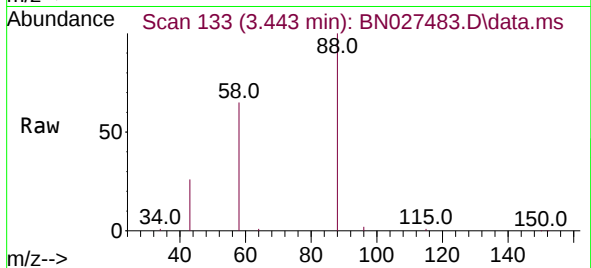
Quant Time: Sep 09 00:27:59 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN090123.M  
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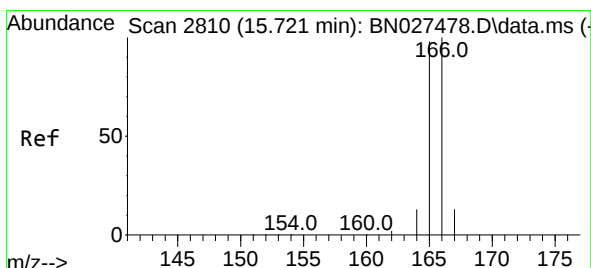
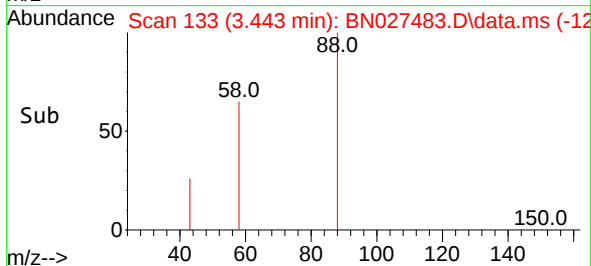
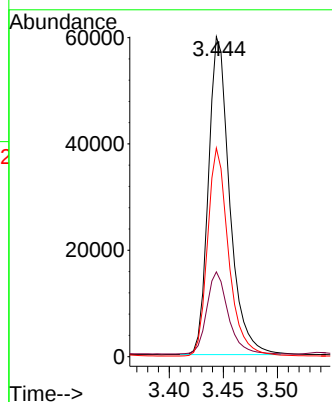


#2  
1,4-Dioxane  
Concen: 9.267 ng/ul  
RT: 3.443 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN027483.D  
Acq: 08 Sep 2023 19:29

Instrument :  
BNA\_N  
ClientSampleId :

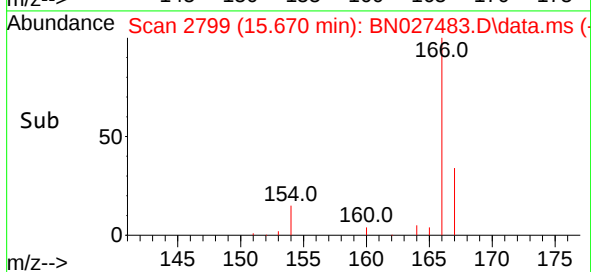
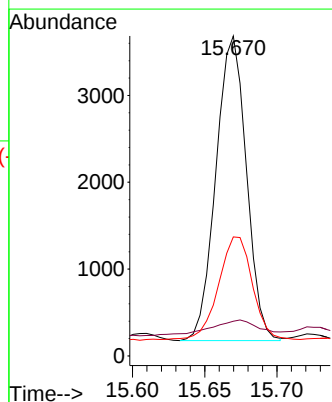
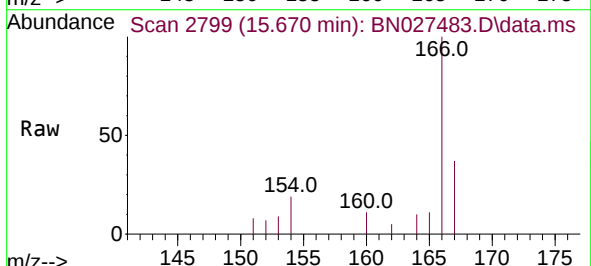


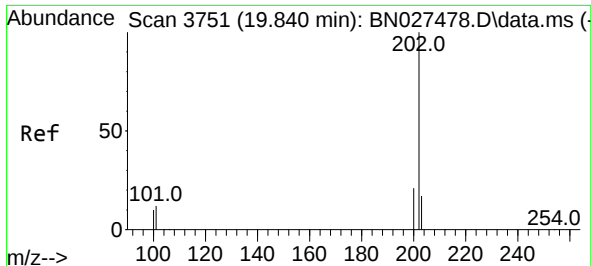
Tgt Ion: 88 Resp: 81839  
Ion Ratio Lower Upper  
88 100  
43 26.5 26.8 40.2#  
58 65.2 39.9 59.9#



#12  
Fluorene  
Concen: 0.077 ng/ul  
RT: 15.670 min Scan# 2799  
Delta R.T. -0.056 min  
Lab File: BN027483.D  
Acq: 08 Sep 2023 19:29

Tgt Ion: 166 Resp: 5137  
Ion Ratio Lower Upper  
166 100  
165 10.8 79.6 119.4#  
167 37.2 11.4 17.0#

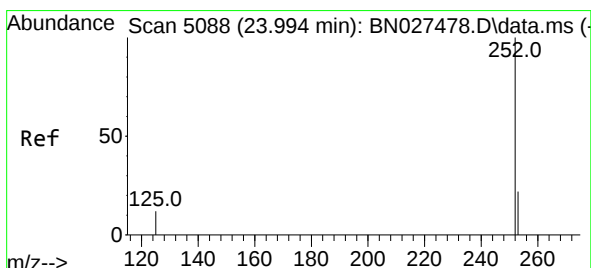
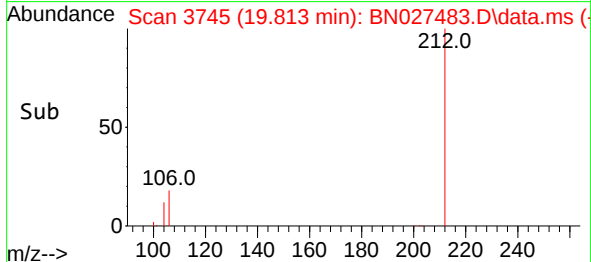
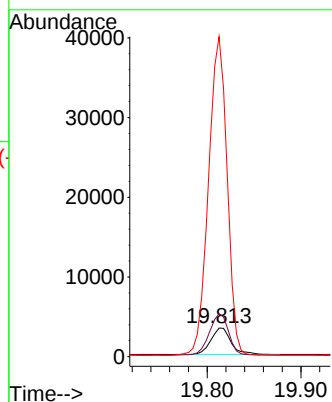
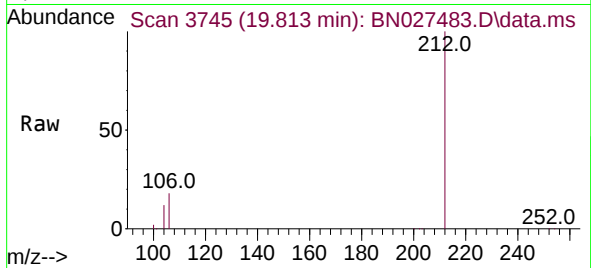




#20  
Pyrene  
Concen: 0.041 ng/ul  
RT: 19.813 min Scan# 31  
Delta R.T. -0.028 min  
Lab File: BN027483.D  
Acq: 08 Sep 2023 19:29

Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:202 Resp: 4946  
Ion Ratio Lower Upper  
202 100  
101 149.7 11.4 17.2#  
100 1118.4 9.4 14.2#



#26  
Benzo(a)pyrene  
Concen: 0.102 ng/ul  
RT: 23.948 min Scan# 5072  
Delta R.T. -0.047 min  
Lab File: BN027483.D  
Acq: 08 Sep 2023 19:29

Tgt Ion:252 Resp: 9538  
Ion Ratio Lower Upper  
252 100  
253 43.8 22.4 33.6#  
125 36.8 17.4 26.2#

