

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092623\  
 Data File : BN027867.D  
 Acq On : 26 Sep 2023 18:32  
 Operator : MA/JU  
 Sample : 04410-07  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BBBK1

Quant Time: Sep 27 03:01:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN091523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 22 03:58:00 2023  
 Response via : Initial Calibration

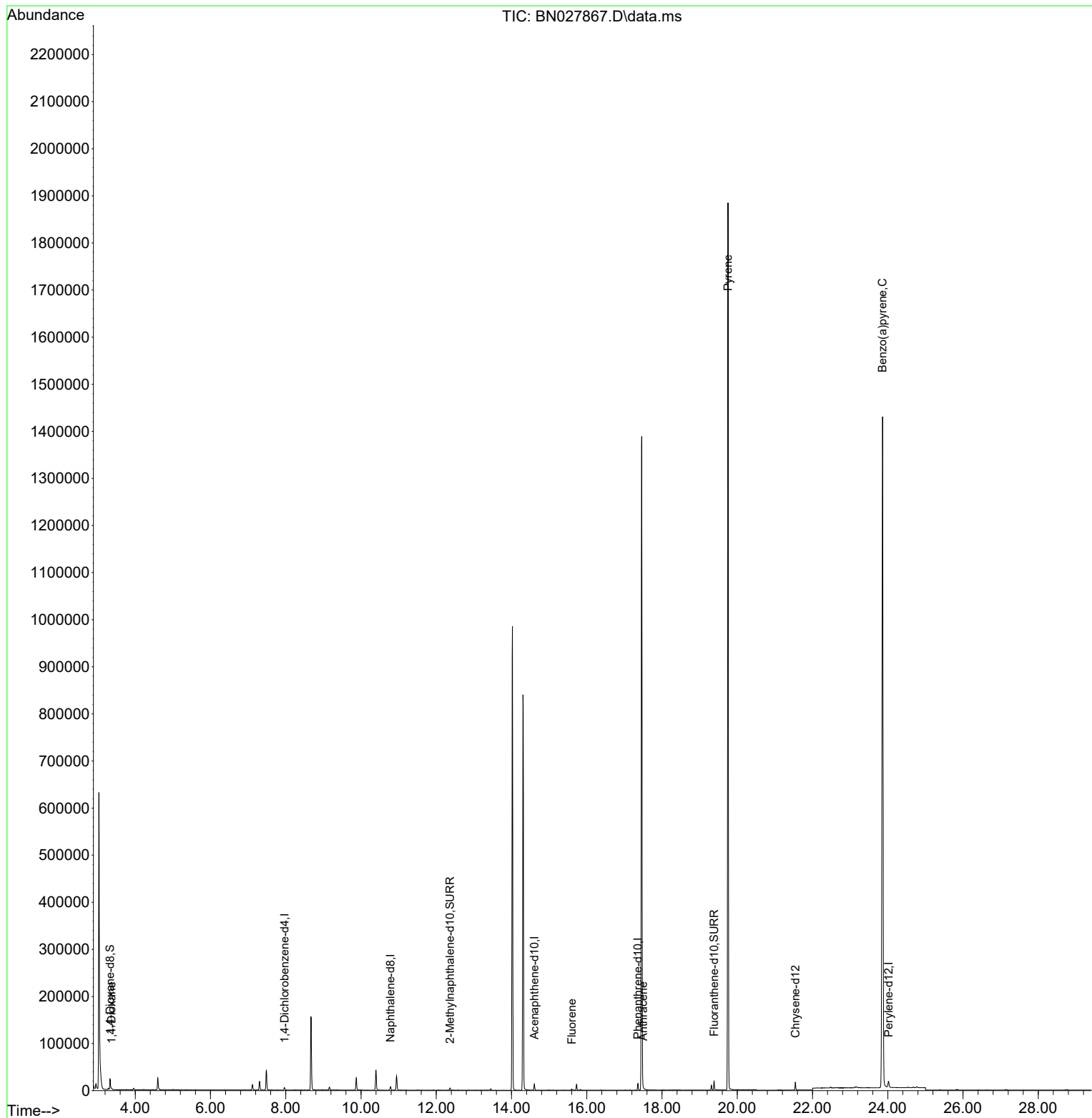
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.966  | 152  | 2701     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.784 | 136  | 10032    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.606 | 164  | 6910     | 0.400 | ng/ul  | 0.01     |
| 13) Phenanthrene-d10        | 17.358 | 188  | 16123    | 0.400 | ng/ul  | 0.02     |
| 17) Chrysene-d12            | 21.545 | 240  | 15867    | 0.400 | ng/ul  | 0.02     |
| 23) Perylene-d12            | 24.021 | 264  | 19860    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.330  | 96   | 15459    | 4.544 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.368 | 152  | 6160     | 0.405 | ng/ul  | 0.01     |
| 18) Fluoranthene-d10        | 19.385 | 212  | 20895    | 0.431 | ng/ul  | 0.02     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.368  | 88   | 1193     | 0.337 | ng/ul# | 81       |
| 12) Fluorene                | 15.600 | 166  | 2394     | 0.078 | ng/ul# | 16       |
| 16) Anthracene              | 17.494 | 178  | 904      | 0.021 | ng/ul# | 67       |
| 20) Pyrene                  | 19.752 | 202  | 2659     | 0.040 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.860 | 252  | 7023     | 0.099 | ng/ul# | 54       |
| -----                       |        |      |          |       |        |          |

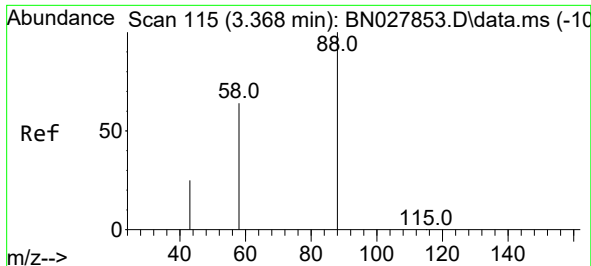
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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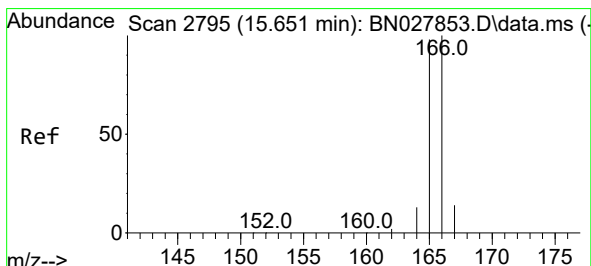
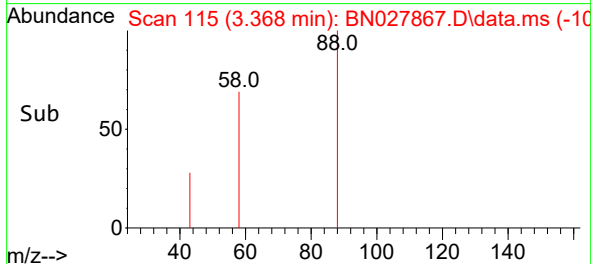
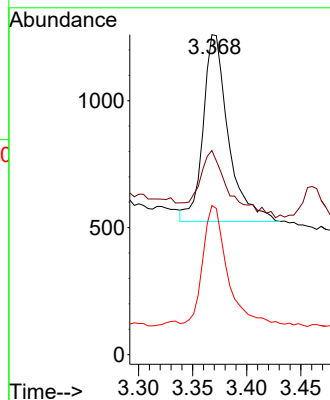
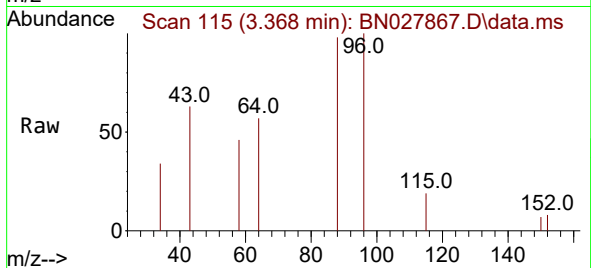




#2  
1,4-Dioxane  
Concen: 0.337 ng/ul  
RT: 3.368 min Scan# 115  
Delta R.T. -0.005 min  
Lab File: BN027867.D  
Acq: 26 Sep 2023 18:32

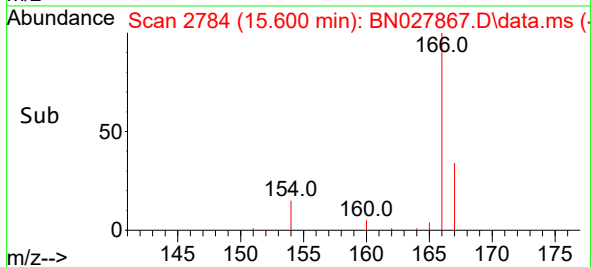
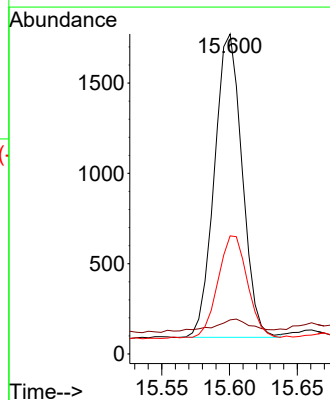
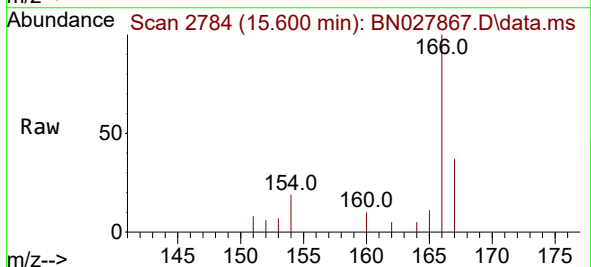
Instrument :  
BNA\_N  
ClientSampleId :  
BBBK1

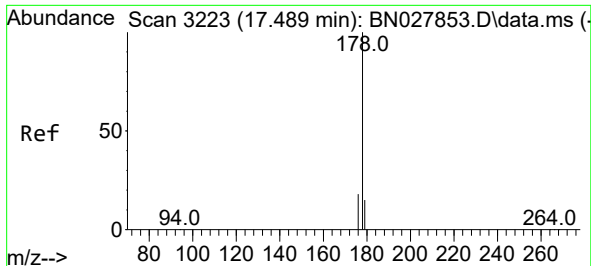
Tgt Ion: 88 Resp: 1193  
Ion Ratio Lower Upper  
88 100  
43 63.8 39.6 59.4#  
58 46.6 48.3 72.5#



#12  
Fluorene  
Concen: 0.078 ng/ul  
RT: 15.600 min Scan# 2784  
Delta R.T. -0.038 min  
Lab File: BN027867.D  
Acq: 26 Sep 2023 18:32

Tgt Ion: 166 Resp: 2394  
Ion Ratio Lower Upper  
166 100  
165 10.7 78.0 117.0#  
167 36.9 11.4 17.2#

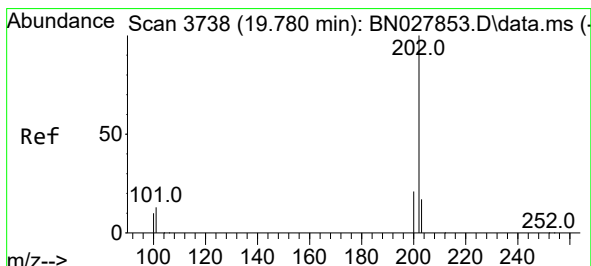
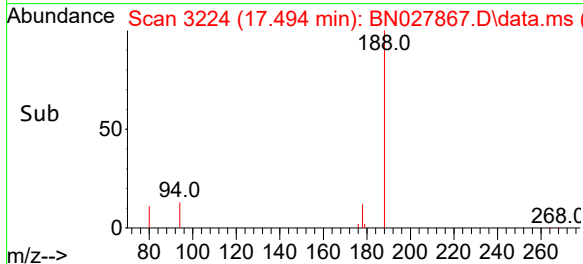
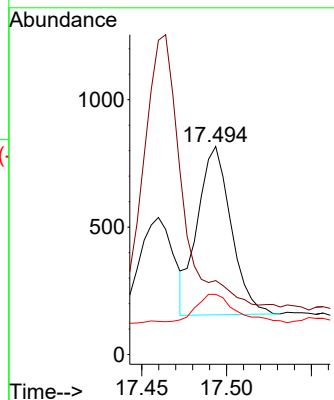
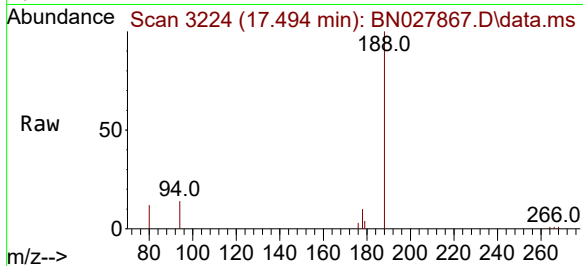




#16  
 Anthracene  
 Concen: 0.021 ng/ul  
 RT: 17.494 min Scan# 31  
 Delta R.T. 0.016 min  
 Lab File: BN027867.D  
 Acq: 26 Sep 2023 18:32

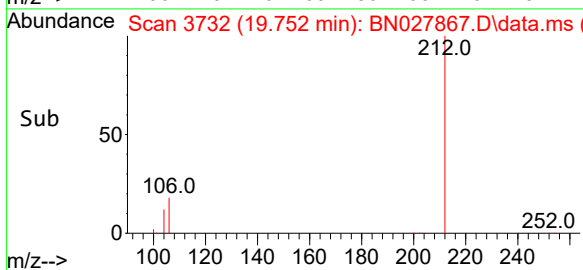
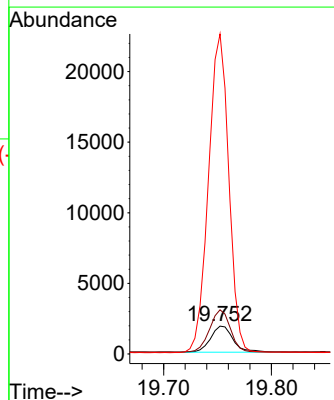
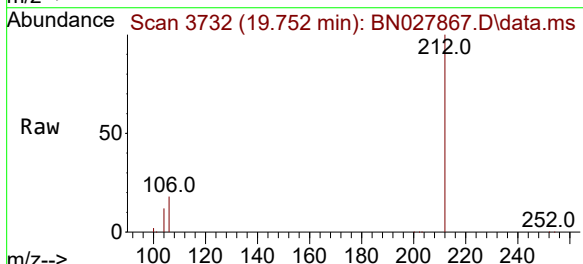
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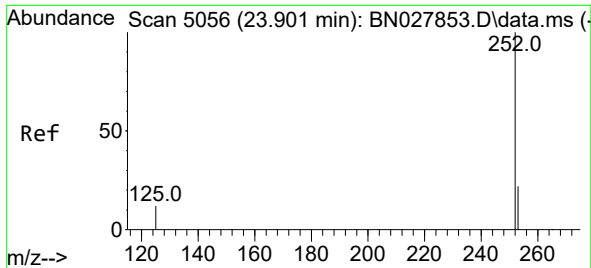
Tgt Ion:178 Resp: 904  
 Ion Ratio Lower Upper  
 178 100  
 179 35.5 12.6 19.0#  
 176 28.9 15.5 23.3#



#20  
 Pyrene  
 Concen: 0.040 ng/ul  
 RT: 19.752 min Scan# 3732  
 Delta R.T. -0.010 min  
 Lab File: BN027867.D  
 Acq: 26 Sep 2023 18:32

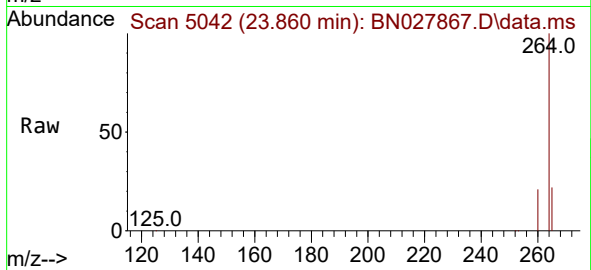
Tgt Ion:202 Resp: 2659  
 Ion Ratio Lower Upper  
 202 100  
 101 158.4 11.4 17.0#  
 100 1149.9 9.1 13.7#





#26  
Benzo(a)pyrene  
Concen: 0.099 ng/ul  
RT: 23.860 min Scan# 50  
Delta R.T. -0.040 min  
Lab File: BN027867.D  
Acq: 26 Sep 2023 18:32

Instrument :  
BNA\_N  
ClientSampleId :  
BBBK1



Tgt Ion:252 Resp: 7023  
Ion Ratio Lower Upper  
252 100  
253 50.2 21.9 32.9#  
125 41.8 15.5 23.3#

