

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022824\  
 Data File : BN030104.D  
 Acq On : 27 Feb 2024 22:32  
 Operator : MA/JU  
 Sample : P1508-08  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BH408

Quant Time: Feb 27 23:51:55 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN020624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 27 23:49:29 2024  
 Response via : Initial Calibration

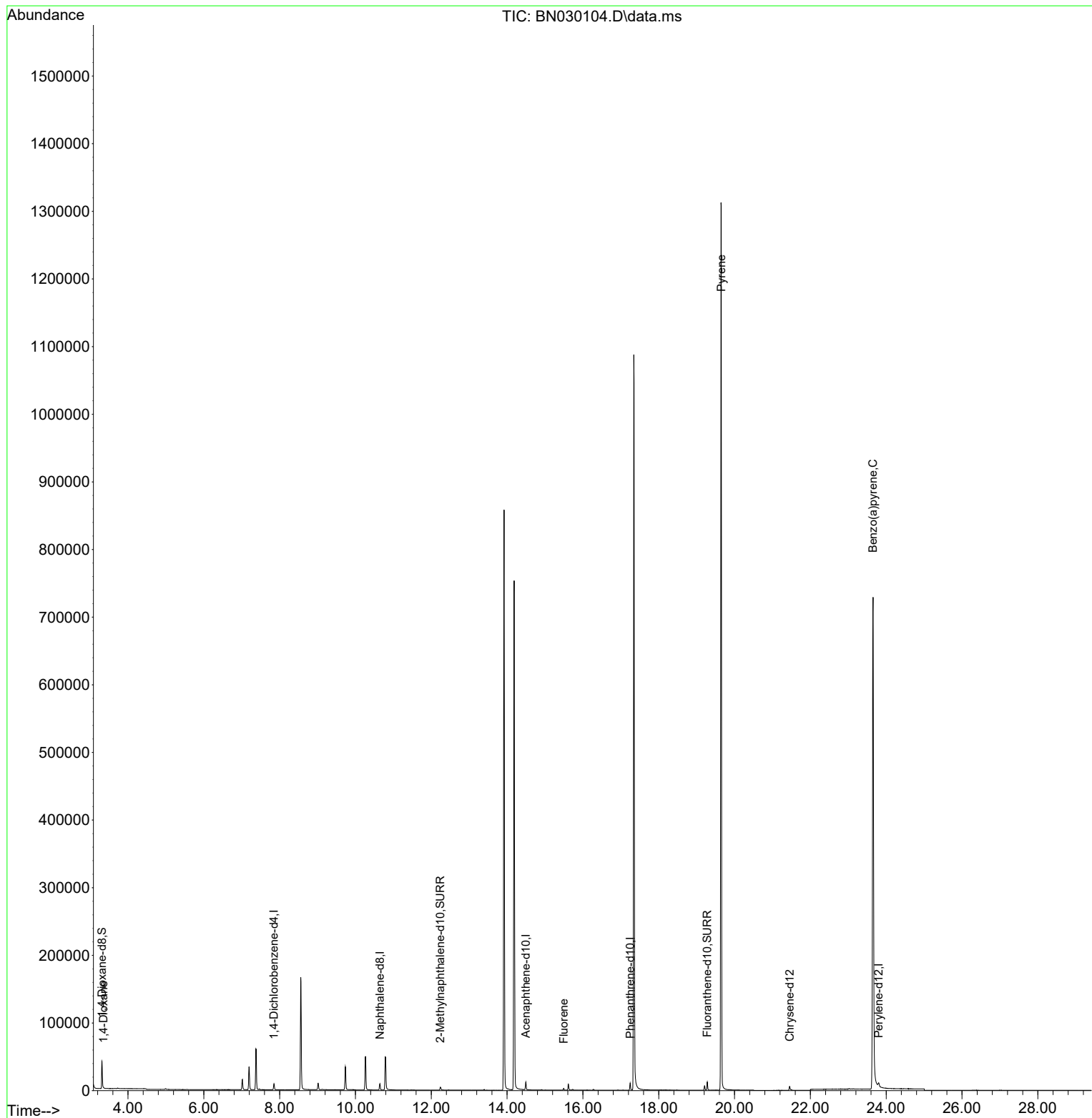
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.851  | 152  | 4408     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.645 | 136  | 12569    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.493 | 164  | 6101     | 0.400 | ng/ul  | # 0.00   |
| 13) Phenanthrene-d10        | 17.247 | 188  | 11861    | 0.400 | ng/ul  | -0.02    |
| 17) Chrysene-d12            | 21.454 | 240  | 7562     | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.798 | 264  | 10556    | 0.400 | ng/ul  | -0.03    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.315  | 96   | 23861    | 4.341 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.240 | 152  | 6487     | 0.406 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.281 | 212  | 12946    | 0.521 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.353  | 88   | 136      | 0.023 | ng/ul# | 62       |
| 12) Fluorene                | 15.492 | 166  | 2179     | 0.092 | ng/ul# | 16       |
| 20) Pyrene                  | 19.648 | 202  | 2094     | 0.059 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.652 | 252  | 4401     | 0.118 | ng/ul# | 65       |
| -----                       |        |      |          |       |        |          |

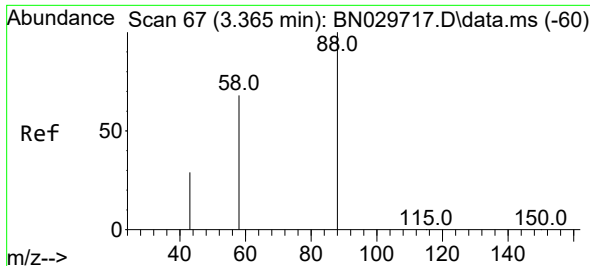
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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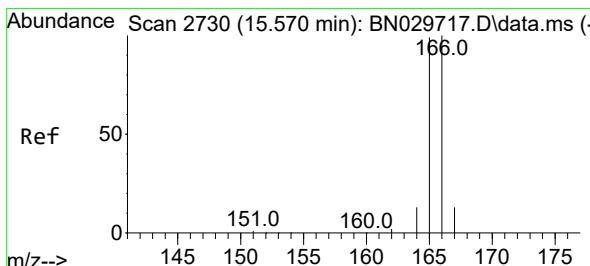
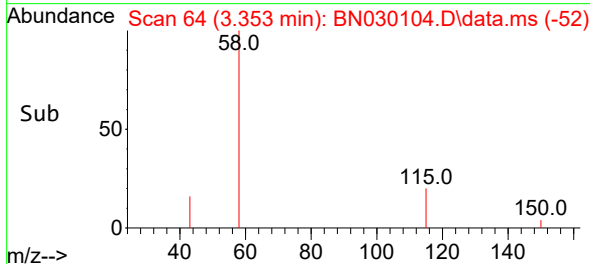
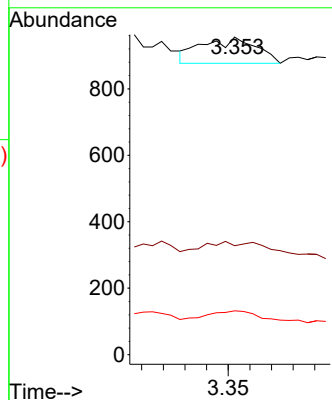
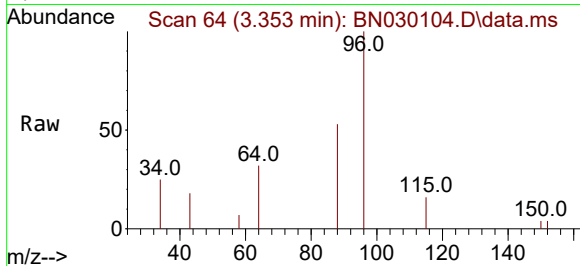




#2  
 1,4-Dioxane  
 Concen: 0.023 ng/ul  
 RT: 3.353 min Scan# 64  
 Delta R.T. 0.000 min  
 Lab File: BN030104.D  
 Acq: 27 Feb 2024 22:32

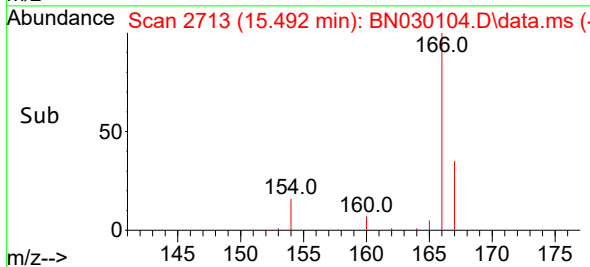
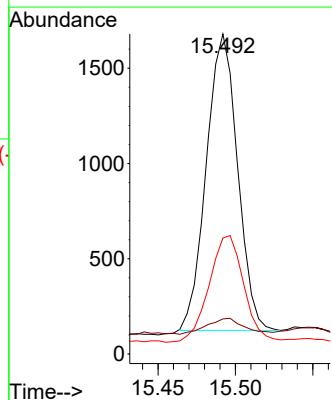
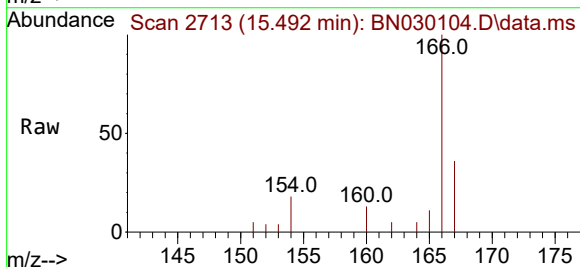
Instrument :  
 BNA\_M  
 ClientSampleId :  
 BH408

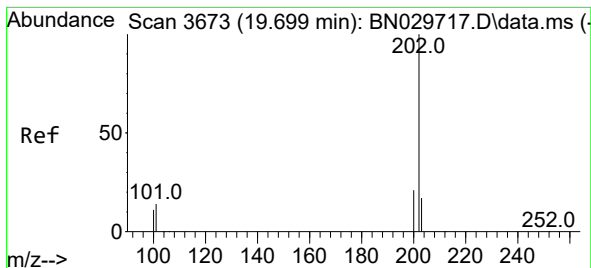
Tgt Ion: 88 Resp: 136  
 Ion Ratio Lower Upper  
 88 100  
 43 34.3 21.8 32.6#  
 58 13.8 39.3 58.9#



#12  
 Fluorene  
 Concen: 0.092 ng/ul  
 RT: 15.492 min Scan# 2713  
 Delta R.T. -0.069 min  
 Lab File: BN030104.D  
 Acq: 27 Feb 2024 22:32

Tgt Ion: 166 Resp: 2179  
 Ion Ratio Lower Upper  
 166 100  
 165 11.0 78.6 117.8#  
 167 36.3 11.5 17.3#





#20

Pyrene

Concen: 0.059 ng/ul

RT: 19.648 min Scan# 3662

Delta R.T. -0.037 min

Lab File: BN030104.D

Acq: 27 Feb 2024 22:32

Instrument :

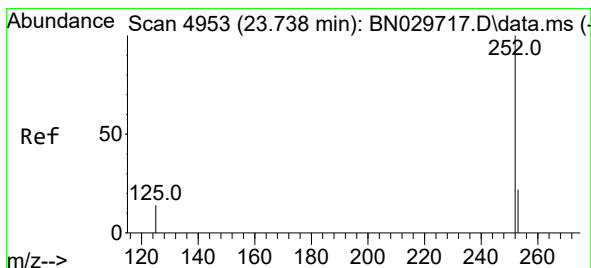
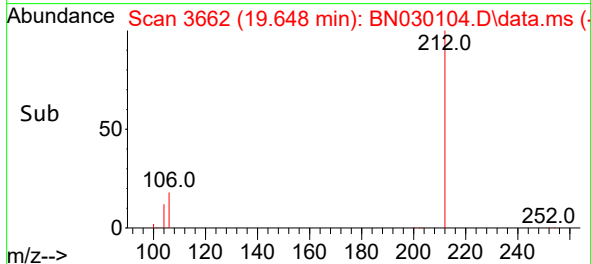
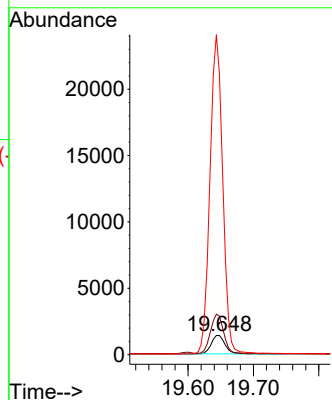
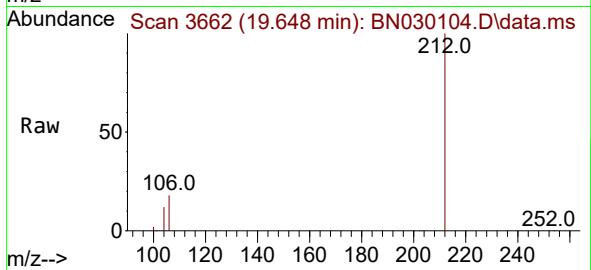
BNA\_M

ClientSampleId :

BH408

Tgt Ion:202 Resp: 2094

| Ion | Ratio  | Lower | Upper |
|-----|--------|-------|-------|
| 202 | 100    |       |       |
| 101 | 200.7  | 12.5  | 18.7# |
| 100 | 1465.5 | 10.0  | 15.0# |



#26

Benzo(a)pyrene

Concen: 0.118 ng/ul

RT: 23.652 min Scan# 4923

Delta R.T. -0.073 min

Lab File: BN030104.D

Acq: 27 Feb 2024 22:32

Tgt Ion:252 Resp: 4401

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 49.0  | 25.4  | 38.0# |
| 125 | 38.6  | 16.0  | 24.0# |

