

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081222\  
 Data File : BN021206.D  
 Acq On : 13 Aug 2022 10:54  
 Operator : CG/JU  
 Sample : N4166-02  
 Misc :  
 ALS Vial : 91 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Aug 14 23:03:20 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

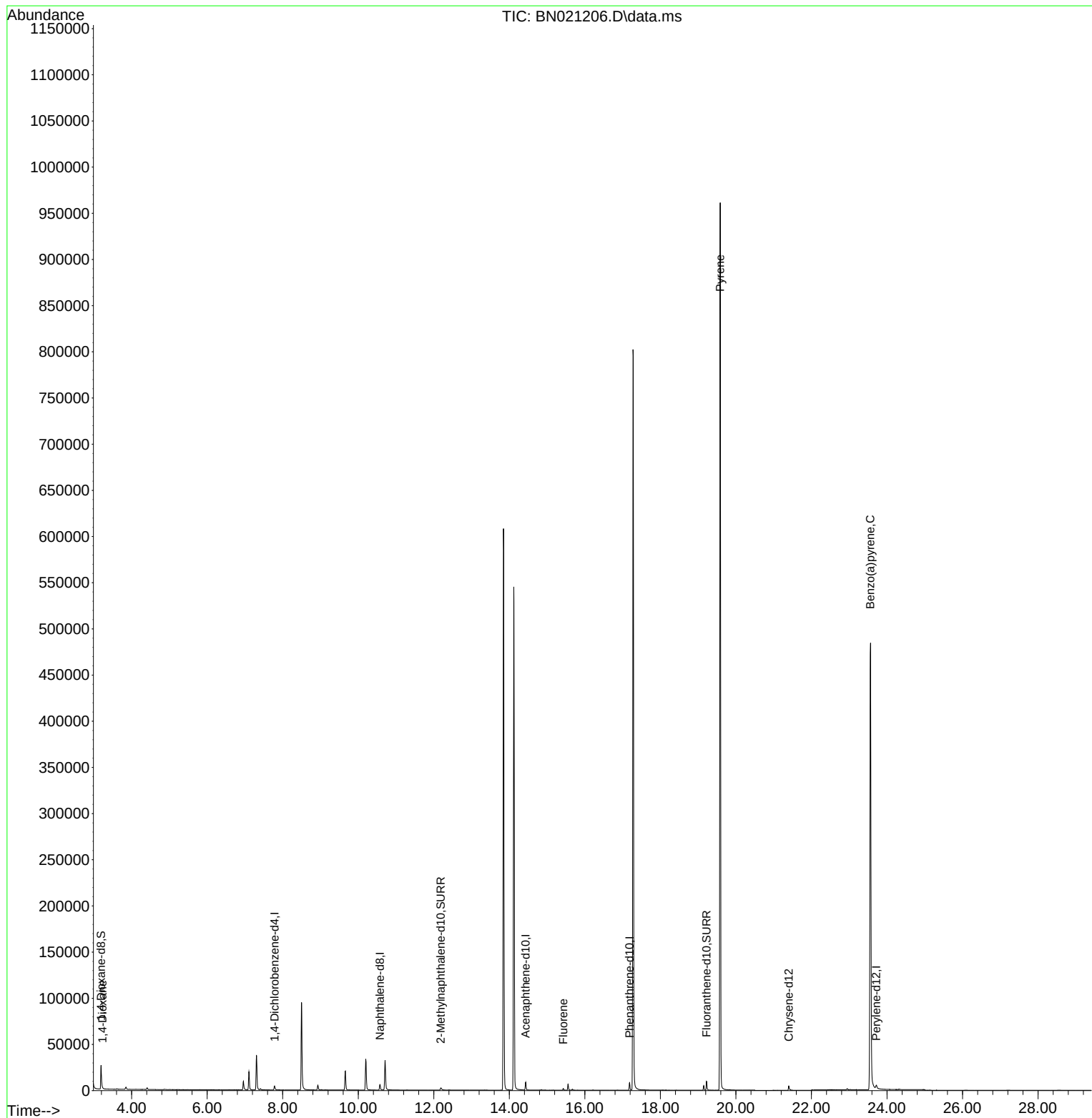
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.784  | 152  | 2687     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.574 | 136  | 8748     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.433 | 164  | 4970     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.184 | 188  | 9819     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.401 | 240  | 6491     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.719 | 264  | 6807     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.190  | 96   | 16879    | 4.910 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.185 | 152  | 4719     | 0.368 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.221 | 212  | 11321    | 0.565 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.228  | 88   | 432      | 0.122 | ng/ul# | 58       |
| 12) Fluorene                | 15.428 | 166  | 1603     | 0.076 | ng/ul# | 15       |
| 20) Pyrene                  | 19.584 | 202  | 1458     | 0.049 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.561 | 252  | 2446     | 0.085 | ng/ul# | 68       |
| -----                       |        |      |          |       |        |          |

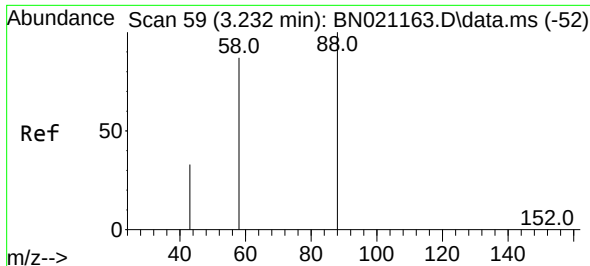
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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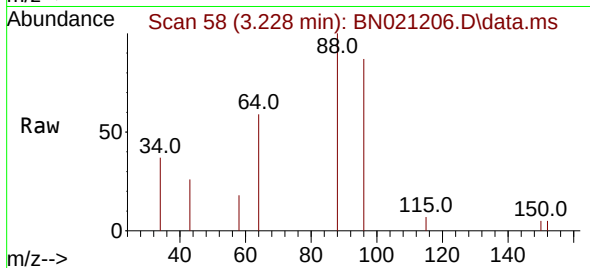
Quant Time: Aug 14 23:03:20 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN080322.M  
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QLast Update : Sat Aug 13 04:02:44 2022  
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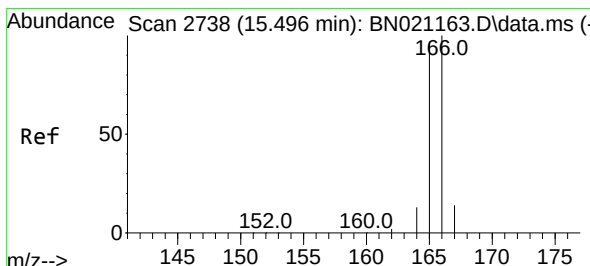
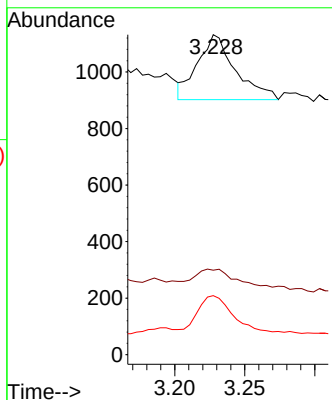
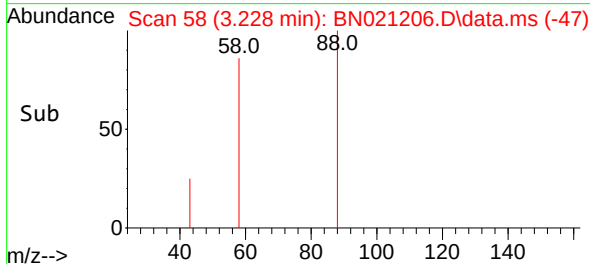


#2  
 1,4-Dioxane  
 Concen: 0.122 ng/ul  
 RT: 3.228 min Scan# 51  
 Delta R.T. -0.004 min  
 Lab File: BN021206.D  
 Acq: 13 Aug 2022 10:54

Instrument :  
 BNA\_N  
 ClientSampleId :

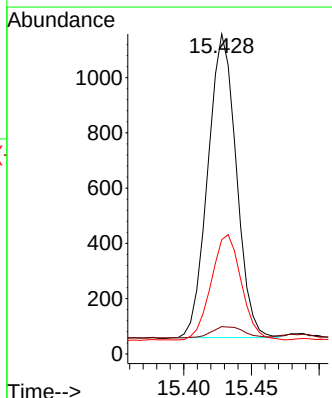
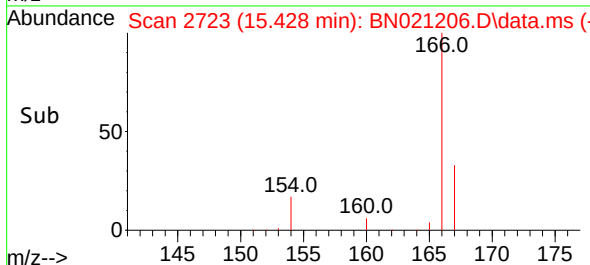
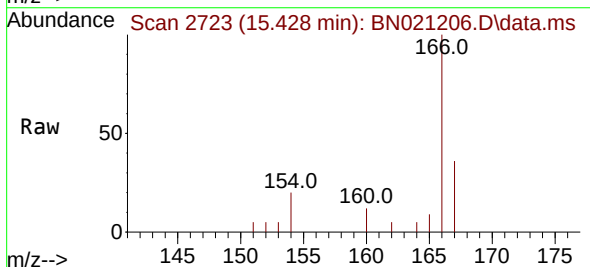


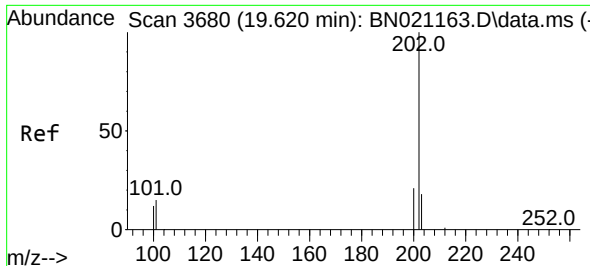
Tgt Ion: 88 Resp: 432  
 Ion Ratio Lower Upper  
 88 100  
 43 26.4 31.4 47.0#  
 58 18.5 49.0 73.6#



#12  
 Fluorene  
 Concen: 0.076 ng/ul  
 RT: 15.428 min Scan# 2723  
 Delta R.T. -0.065 min  
 Lab File: BN021206.D  
 Acq: 13 Aug 2022 10:54

Tgt Ion: 166 Resp: 1603  
 Ion Ratio Lower Upper  
 166 100  
 165 8.5 78.6 117.8#  
 167 35.7 11.8 17.6#

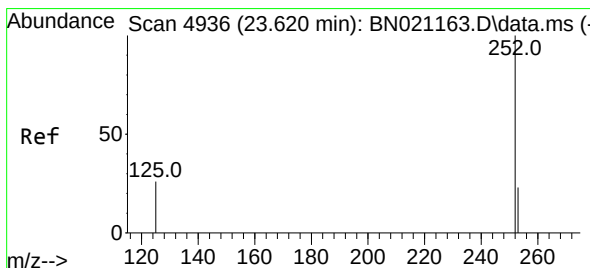
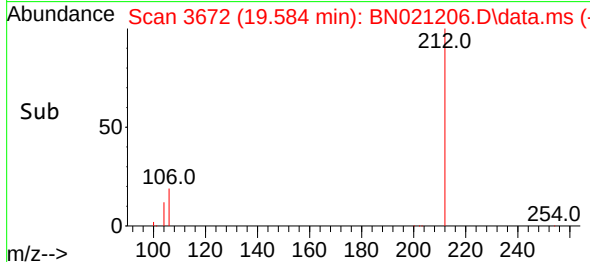
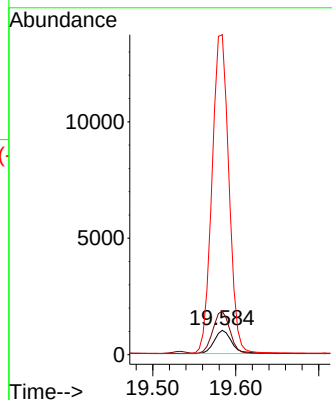
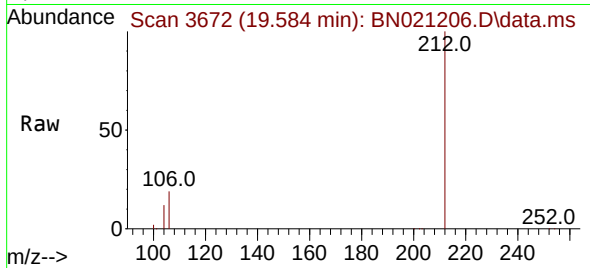




#20  
Pyrene  
Concen: 0.049 ng/ul  
RT: 19.584 min Scan# 3672  
Delta R.T. -0.037 min  
Lab File: BN021206.D  
Acq: 13 Aug 2022 10:54

Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:202 Resp: 1458  
Ion Ratio Lower Upper  
202 100  
101 178.7 11.3 16.9#  
100 1314.9 9.0 13.4#



#26  
Benzo(a)pyrene  
Concen: 0.085 ng/ul  
RT: 23.561 min Scan# 4916  
Delta R.T. -0.061 min  
Lab File: BN021206.D  
Acq: 13 Aug 2022 10:54

Tgt Ion:252 Resp: 2446  
Ion Ratio Lower Upper  
252 100  
253 43.7 22.1 33.1#  
125 32.9 14.7 22.1#

