

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110924\  
 Data File : BN034932.D  
 Acq On : 09 Nov 2024 09:16  
 Operator : RC/JU  
 Sample : P4744-07  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GCP61

Quant Time: Nov 09 22:51:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN110924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 09 00:09:12 2024  
 Response via : Initial Calibration

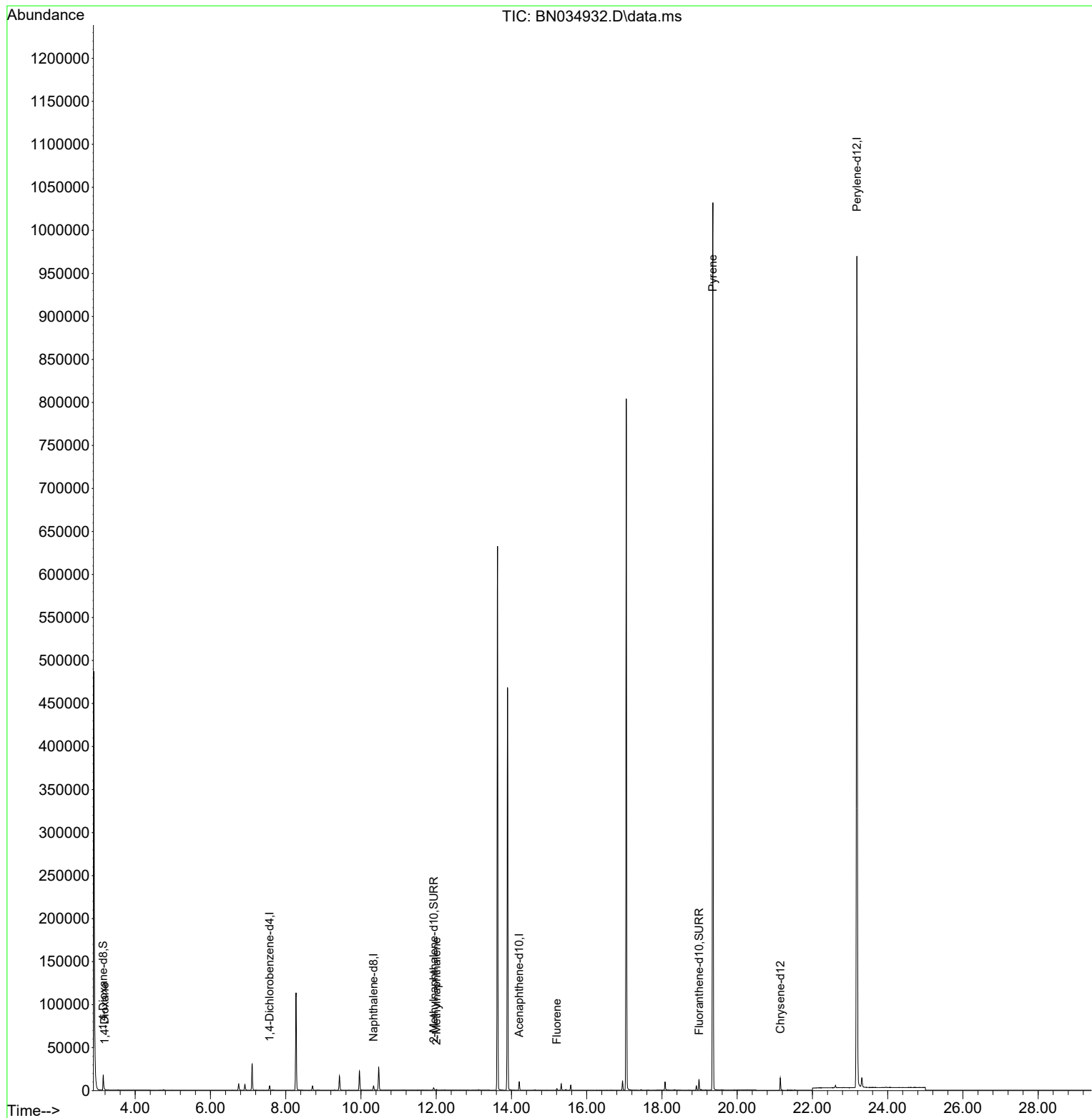
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.571  | 152  | 2482     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.333 | 136  | 6621     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.208 | 164  | 5248     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 0.000  | 188  | 0        | 0.000 | ng/ul  | -16.95   |
| 17) Chrysene-d12            | 21.145 | 240  | 13086    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.182 | 264  | 1036093  | 0.400 | ng/ul  | #-0.13   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.149  | 96   | 13006    | 5.507 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.934 | 152  | 3560     | 0.351 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.986 | 212  | 13844    | 0.412 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.187  | 88   | 417      | 0.161 | ng/ul  | 92       |
| 7) 2-Methylnaphthalene      | 12.005 | 142  | 527      | 0.043 | ng/ul  | 95       |
| 12) Fluorene                | 15.207 | 166  | 1491     | 0.072 | ng/ul# | 15       |
| 20) Pyrene                  | 19.353 | 202  | 1833     | 0.040 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

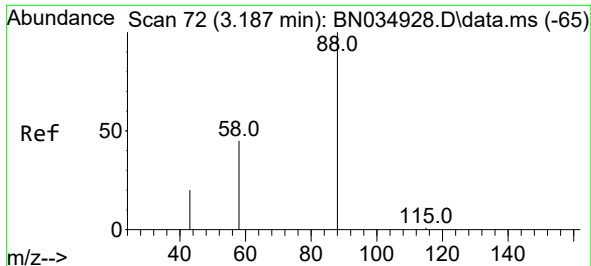
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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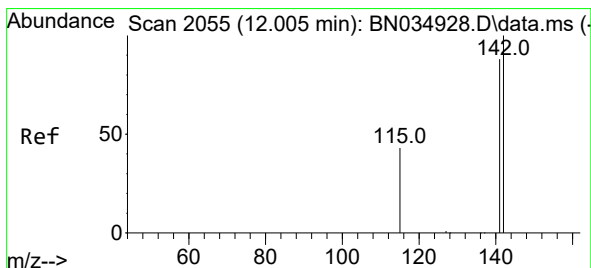
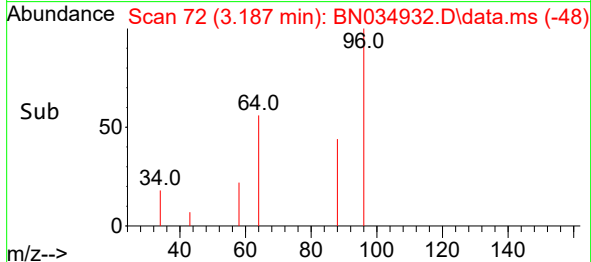
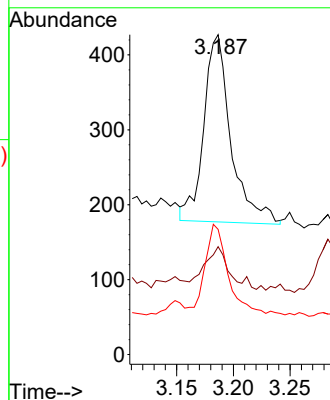
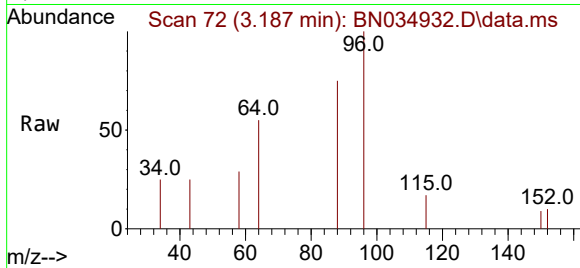


#2  
 1,4-Dioxane  
 Concen: 0.161 ng/ul  
 RT: 3.187 min Scan# 72  
 Delta R.T. 0.000 min  
 Lab File: BN034932.D  
 Acq: 09 Nov 2024 09:16

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GCP61

Tgt Ion: 88 Resp: 417  

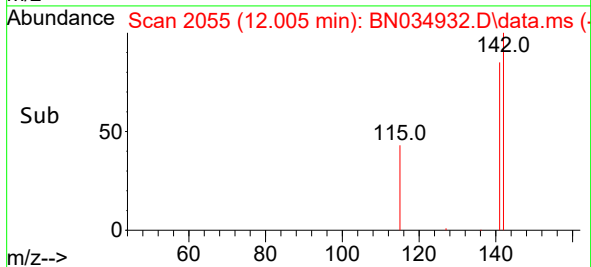
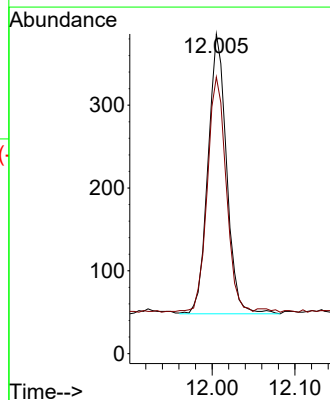
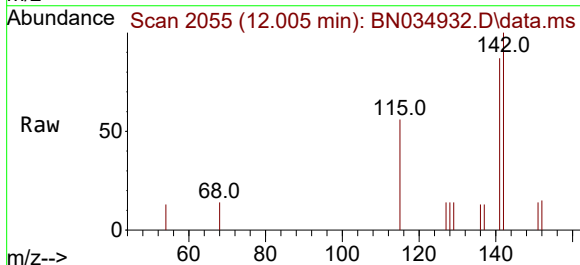
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 33.7  | 23.3  | 34.9  |
| 58  | 39.1  | 35.4  | 53.2  |

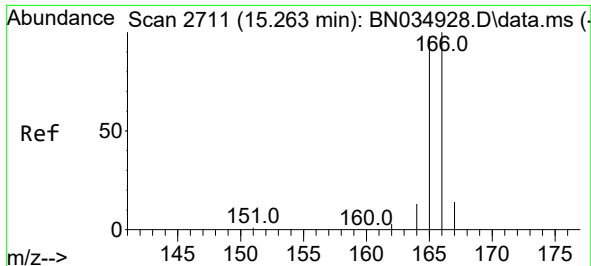


#7  
 2-Methylnaphthalene  
 Concen: 0.043 ng/ul  
 RT: 12.005 min Scan# 2055  
 Delta R.T. -0.005 min  
 Lab File: BN034932.D  
 Acq: 09 Nov 2024 09:16

Tgt Ion: 142 Resp: 527  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 84.3  | 70.8  | 106.2 |

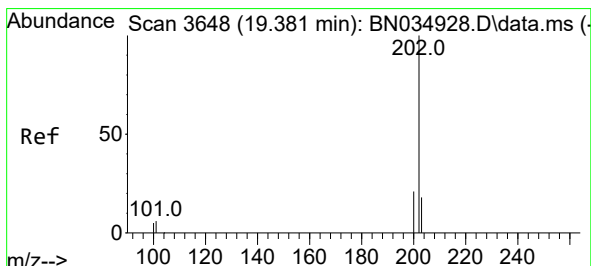
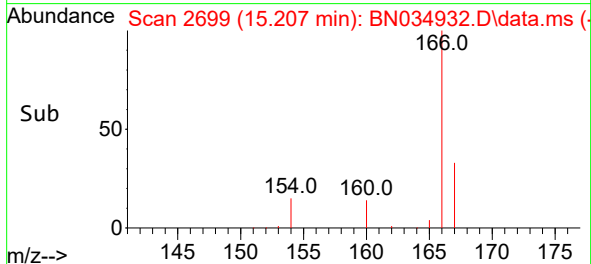
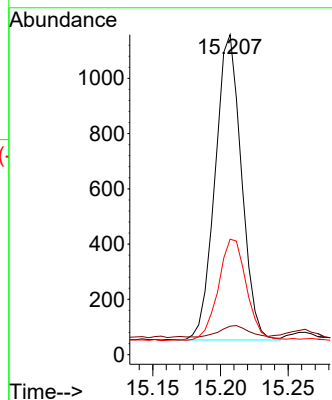
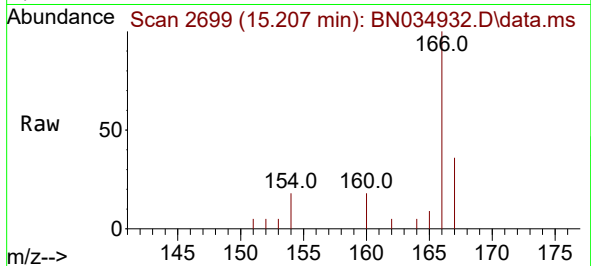




#12  
Fluorene  
Concen: 0.072 ng/ul  
RT: 15.207 min Scan# 2699  
Delta R.T. -0.056 min  
Lab File: BN034932.D  
Acq: 09 Nov 2024 09:16

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Tgt Ion:166 Resp: 1491  
Ion Ratio Lower Upper  
166 100  
165 8.9 79.0 118.4#  
167 36.1 11.8 17.6#



#20  
Pyrene  
Concen: 0.040 ng/ul  
RT: 19.353 min Scan# 3642  
Delta R.T. -0.028 min  
Lab File: BN034932.D  
Acq: 09 Nov 2024 09:16

Tgt Ion:202 Resp: 1833  
Ion Ratio Lower Upper  
202 100  
101 158.1 5.0 7.4#  
100 1187.2 4.1 6.1#

