

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN030224\  
 Data File : BN030263.D  
 Acq On : 04 Mar 2024 19:22  
 Operator : MA/JU  
 Sample : P1512-06DL 5X  
 Misc :  
 ALS Vial : 86 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EOS99DL

Quant Time: Mar 04 22:48:03 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN030224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 05:54:20 2024  
 Response via : Initial Calibration

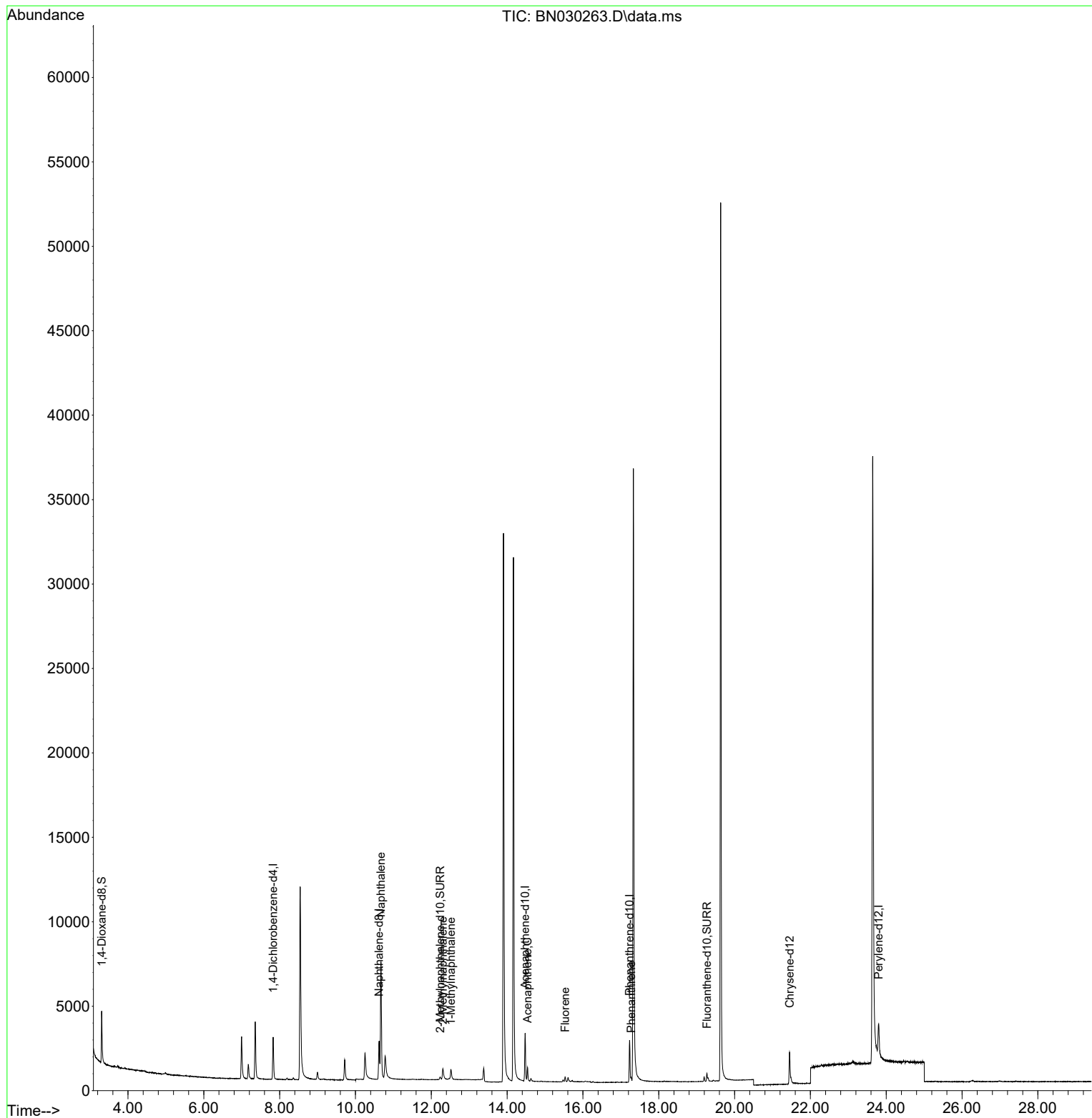
| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.829  | 152  | 1376     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.623 | 136  | 3580     | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.474 | 164  | 1701     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.230 | 188  | 3318     | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.453 | 240  | 2606     | 0.400 | ng/ul # | 0.00     |
| 23) Perylene-d12            | 23.800 | 264  | 3390     | 0.400 | ng/ul # | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.306  | 96   | 2267     | 1.190 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.234 | 152  | 321      | 0.069 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.272 | 212  | 617      | 0.073 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 5) Naphthalene              | 10.672 | 128  | 10711    | 1.014 | ng/ul   | 96       |
| 7) 2-Methylnaphthalene      | 12.305 | 142  | 676      | 0.118 | ng/ul   | 95       |
| 8) 1-Methylnaphthalene      | 12.520 | 142  | 564      | 0.093 | ng/ul   | 97       |
| 11) Acenaphthene            | 14.539 | 153  | 494      | 0.071 | ng/ul   | 98       |
| 12) Fluorene                | 15.529 | 166  | 218      | 0.031 | ng/ul#  | 87       |
| 15) Phenanthrene            | 17.272 | 178  | 251      | 0.023 | ng/ul#  | 50       |
| -----                       |        |      |          |       |         |          |

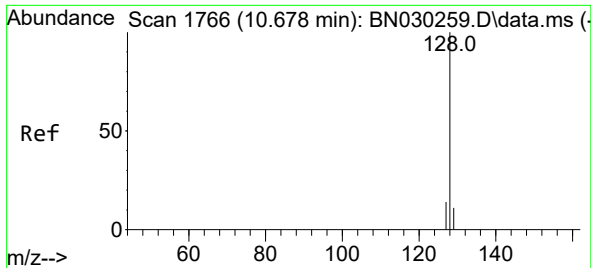
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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E0S99DL

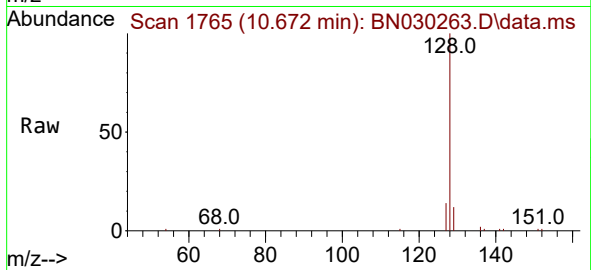
Quant Time: Mar 04 22:48:03 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN030224.M  
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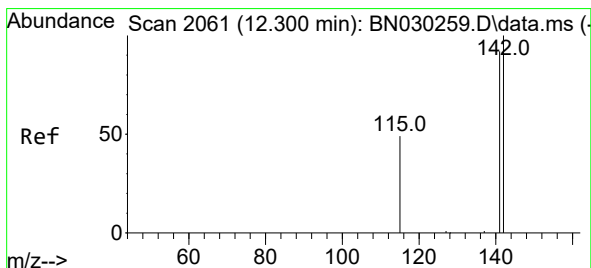
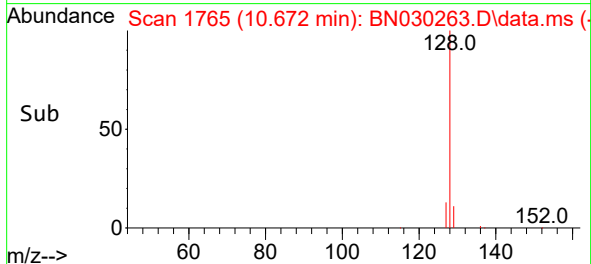
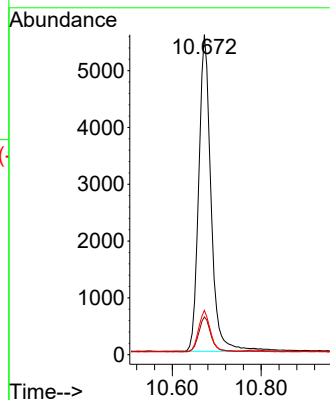


#5  
Naphthalene  
Concen: 1.014 ng/ul  
RT: 10.672 min Scan# 1765  
Delta R.T. -0.006 min  
Lab File: BN030263.D  
Acq: 04 Mar 2024 19:22

Instrument :  
BNA\_N  
ClientSampleId :  
E0S99DL

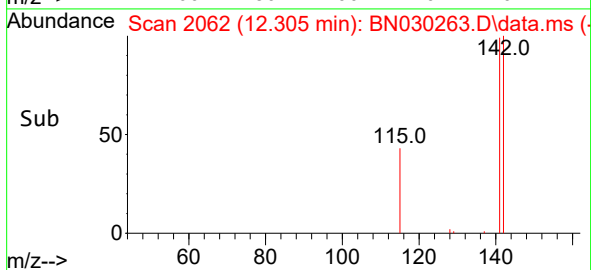
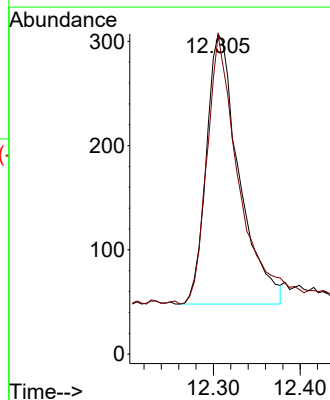
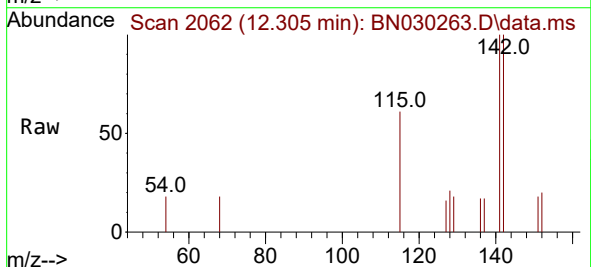


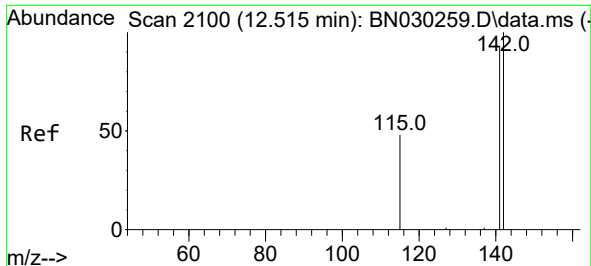
Tgt Ion:128 Resp: 10711  
Ion Ratio Lower Upper  
128 100  
129 11.8 11.0 16.4  
127 13.9 12.3 18.5



#7  
2-Methylnaphthalene  
Concen: 0.118 ng/ul  
RT: 12.305 min Scan# 2062  
Delta R.T. -0.000 min  
Lab File: BN030263.D  
Acq: 04 Mar 2024 19:22

Tgt Ion:142 Resp: 676  
Ion Ratio Lower Upper  
142 100  
141 95.7 72.8 109.2

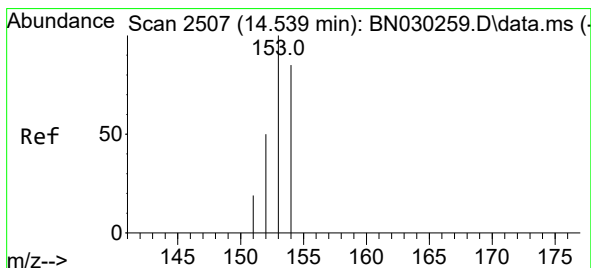
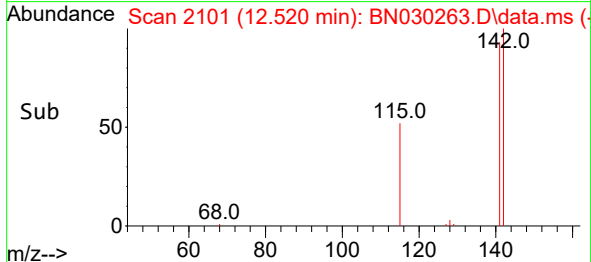
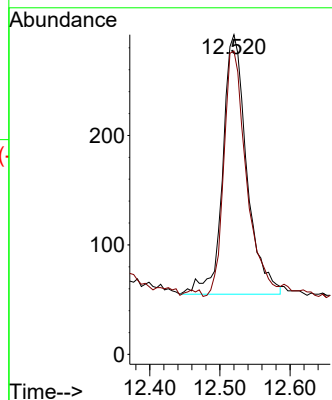
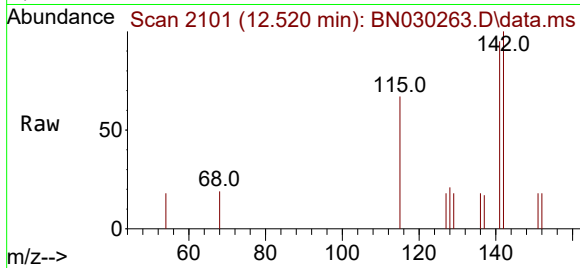




#8  
1-Methylnaphthalene  
Concen: 0.093 ng/ul  
RT: 12.520 min Scan# 2101  
Delta R.T. -0.000 min  
Lab File: BN030263.D  
Acq: 04 Mar 2024 19:22

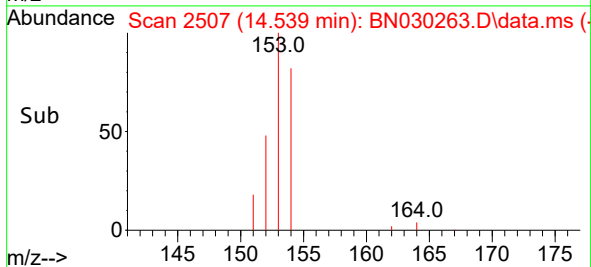
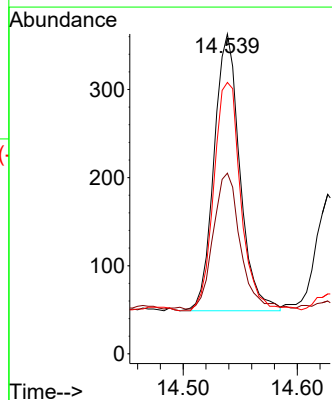
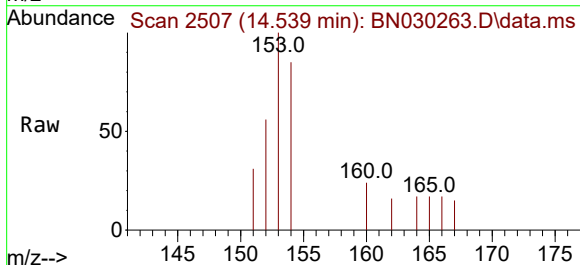
Instrument :  
BNA\_N  
ClientSampleId :  
E0S99DL

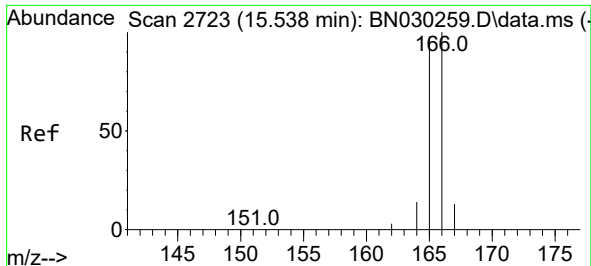
Tgt Ion:142 Resp: 564  
Ion Ratio Lower Upper  
142 100  
141 89.7 74.2 111.2



#11  
Acenaphthene  
Concen: 0.071 ng/ul  
RT: 14.539 min Scan# 2507  
Delta R.T. -0.005 min  
Lab File: BN030263.D  
Acq: 04 Mar 2024 19:22

Tgt Ion:153 Resp: 494  
Ion Ratio Lower Upper  
153 100  
152 56.5 43.2 64.8  
154 84.8 67.5 101.3

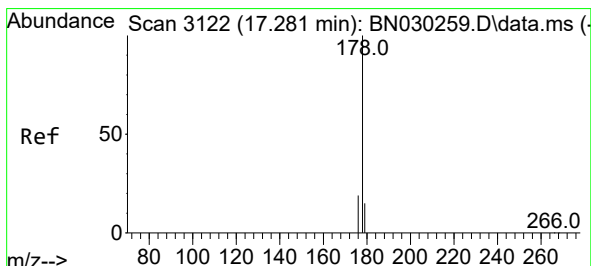
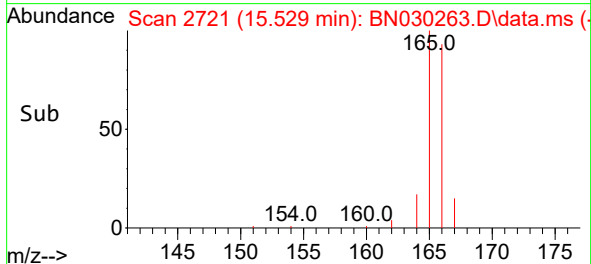
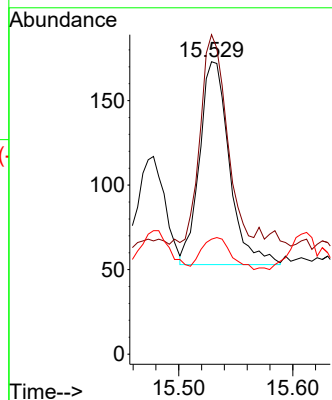
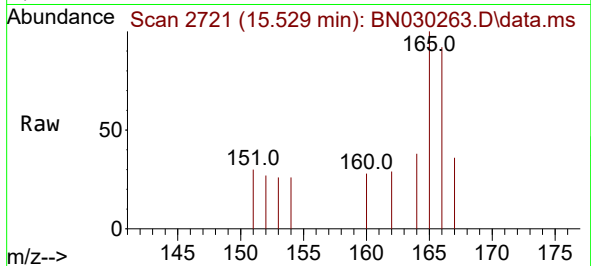




#12  
Fluorene  
Concen: 0.031 ng/ul  
RT: 15.529 min Scan# 218  
Delta R.T. -0.009 min  
Lab File: BN030263.D  
Acq: 04 Mar 2024 19:22

Instrument :  
BNA\_N  
ClientSampleId :  
E0S99DL

Tgt Ion:166 Resp: 218  
Ion Ratio Lower Upper  
166 100  
165 109.2 81.8 122.6  
167 39.3 13.0 19.4#



#15  
Phenanthrene  
Concen: 0.023 ng/ul  
RT: 17.272 min Scan# 3120  
Delta R.T. -0.009 min  
Lab File: BN030263.D  
Acq: 04 Mar 2024 19:22

Tgt Ion:178 Resp: 251  
Ion Ratio Lower Upper  
178 100  
179 41.9 13.8 20.8#  
176 41.9 16.6 25.0#

