

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100523\  
 Data File : BN028147.D  
 Acq On : 08 Oct 2023 07:45  
 Operator : MA/JU  
 Sample : 04624-02  
 Misc :  
 ALS Vial : 76 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BBJR1

Quant Time: Oct 09 00:46:49 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN100323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 06 05:15:40 2023  
 Response via : Initial Calibration

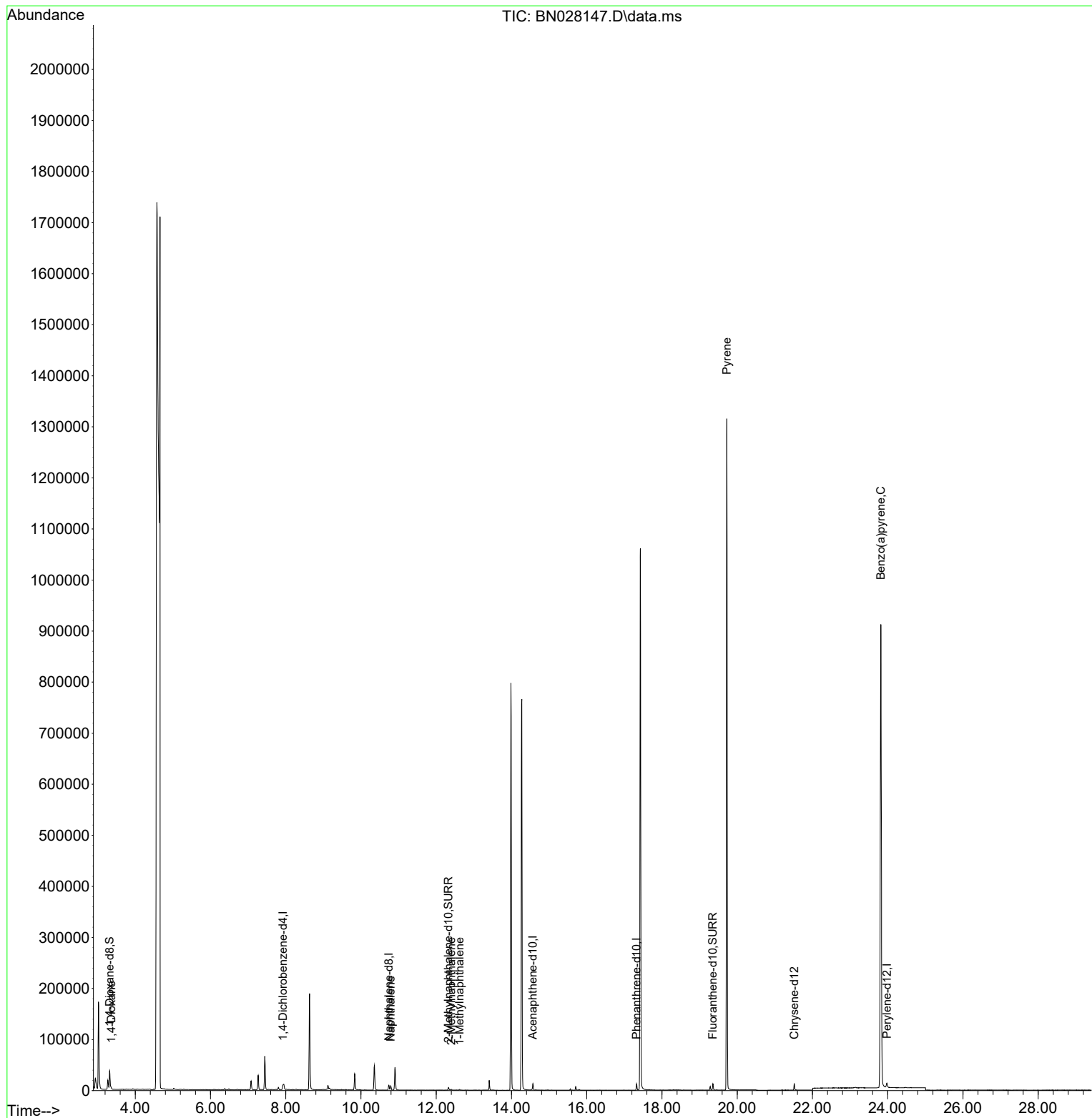
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.924  | 152  | 4389     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.740 | 136  | 13435    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.569 | 164  | 7112     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.325 | 188  | 13865    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.516 | 240  | 11848    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.977 | 264  | 13310    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.321  | 96   | 26531    | 4.813 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.324 | 152  | 6829     | 0.315 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.352 | 212  | 13517    | 0.360 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.359  | 88   | 2010     | 0.344 | ng/ul  | 94       |
| 5) Naphthalene              | 10.790 | 128  | 11231    | 0.294 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.401 | 142  | 1163     | 0.048 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.621 | 142  | 940      | 0.038 | ng/ul  | 100      |
| 20) Pyrene                  | 19.724 | 202  | 2194     | 0.047 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.816 | 252  | 4318     | 0.103 | ng/ul# | 45       |
| -----                       |        |      |          |       |        |          |

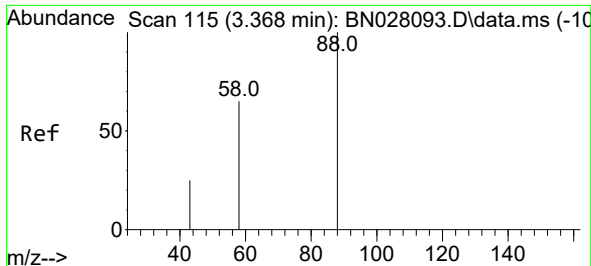
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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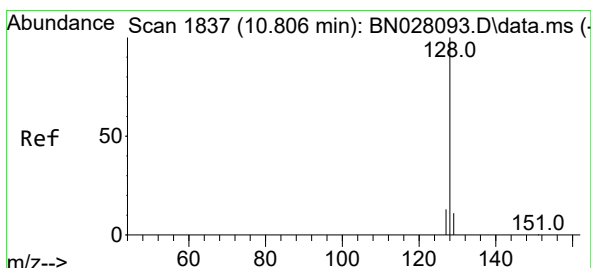
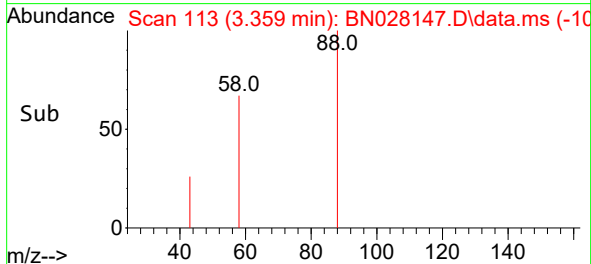
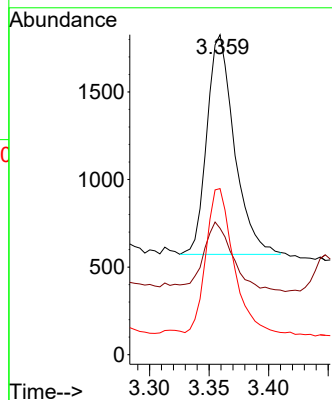
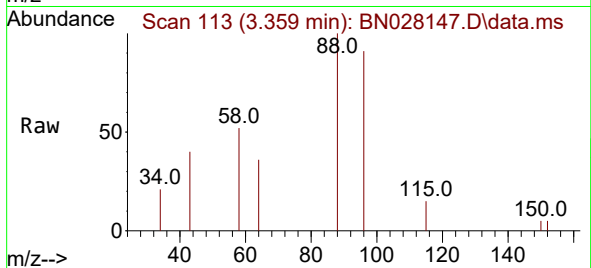




#2  
1,4-Dioxane  
Concen: 0.344 ng/ul  
RT: 3.359 min Scan# 115  
Delta R.T. -0.004 min  
Lab File: BN028147.D  
Acq: 08 Oct 2023 07:45

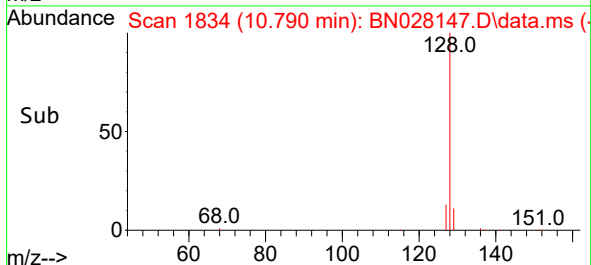
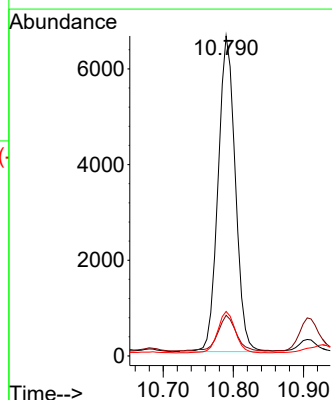
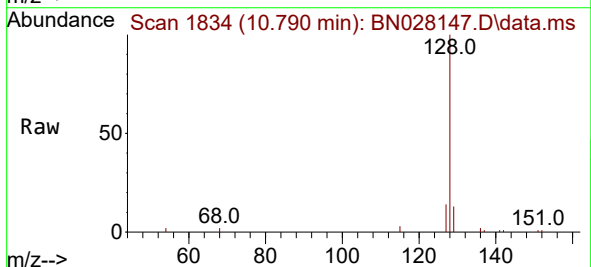
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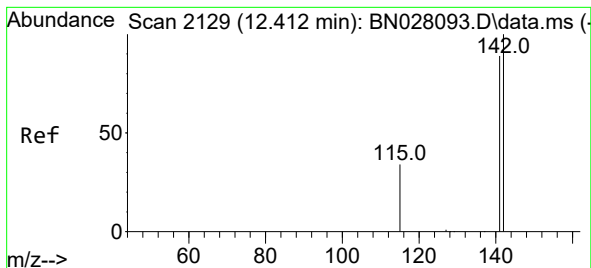
Tgt Ion: 88 Resp: 2010  
Ion Ratio Lower Upper  
88 100  
43 39.5 33.4 50.2  
58 51.9 45.7 68.5



#5  
Naphthalene  
Concen: 0.294 ng/ul  
RT: 10.790 min Scan# 1834  
Delta R.T. -0.017 min  
Lab File: BN028147.D  
Acq: 08 Oct 2023 07:45

Tgt Ion: 128 Resp: 11231  
Ion Ratio Lower Upper  
128 100  
129 12.7 9.4 14.0  
127 13.9 11.0 16.4

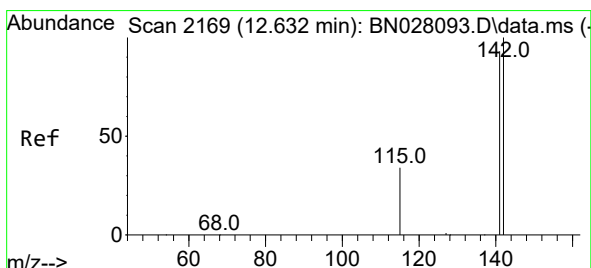
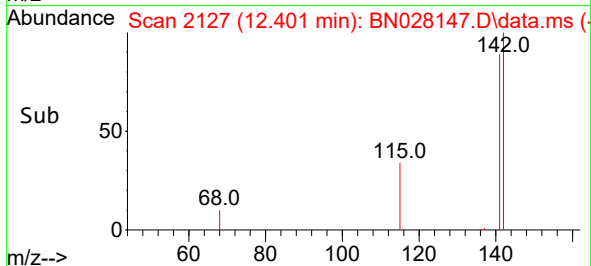
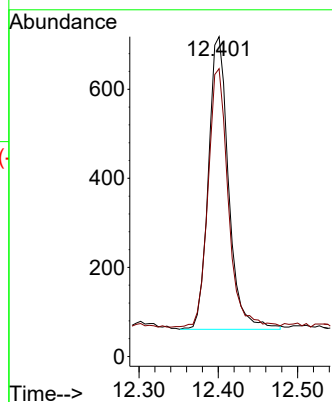
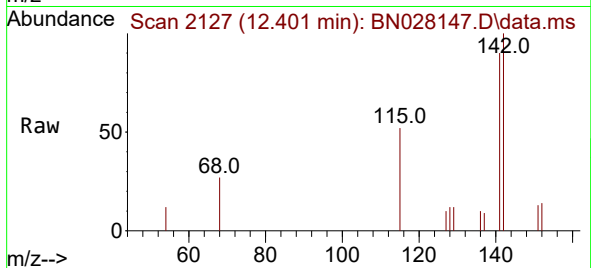




#7  
2-Methylnaphthalene  
Concen: 0.048 ng/ul  
RT: 12.401 min Scan# 2127  
Delta R.T. -0.011 min  
Lab File: BN028147.D  
Acq: 08 Oct 2023 07:45

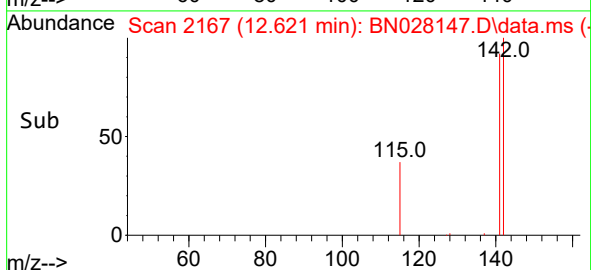
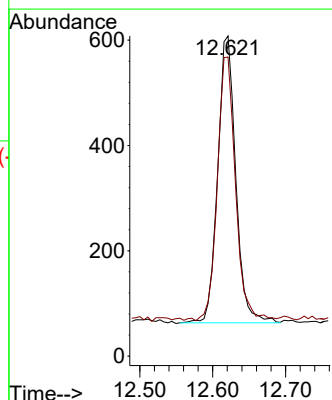
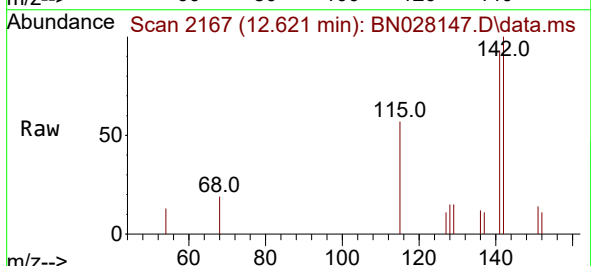
Instrument :  
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ClientSampleId :  
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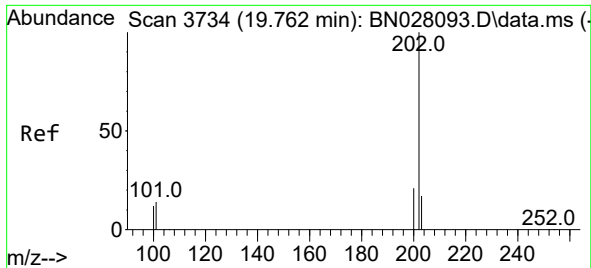
Tgt Ion:142 Resp: 1163  
Ion Ratio Lower Upper  
142 100  
141 88.0 70.9 106.3



#8  
1-Methylnaphthalene  
Concen: 0.038 ng/ul  
RT: 12.621 min Scan# 2167  
Delta R.T. -0.006 min  
Lab File: BN028147.D  
Acq: 08 Oct 2023 07:45

Tgt Ion:142 Resp: 940  
Ion Ratio Lower Upper  
142 100  
141 92.6 74.4 111.6

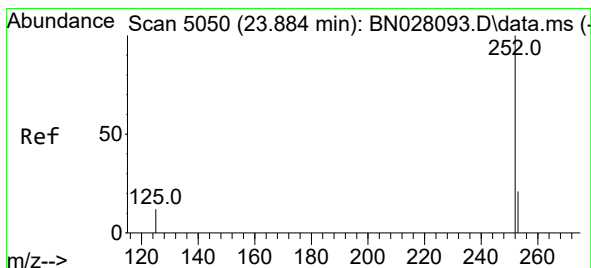
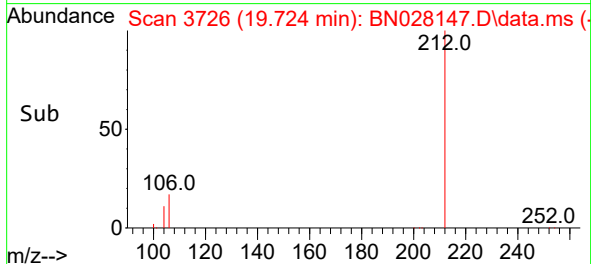
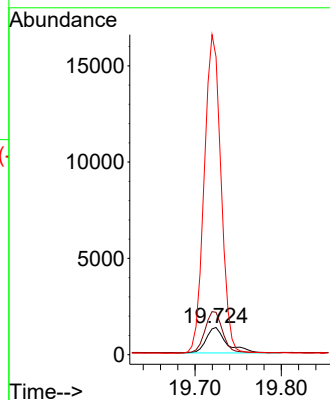
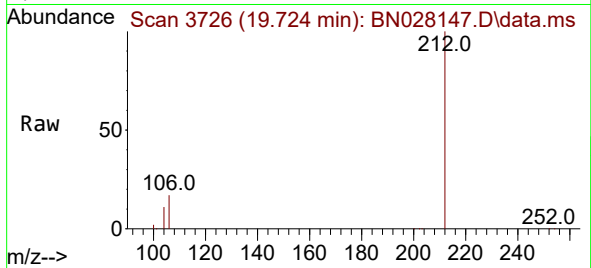




#20  
Pyrene  
Concen: 0.047 ng/ul  
RT: 19.724 min Scan# 31  
Delta R.T. -0.033 min  
Lab File: BN028147.D  
Acq: 08 Oct 2023 07:45

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Tgt Ion:202 Resp: 2194  
Ion Ratio Lower Upper  
202 100  
101 156.0 11.2 16.8#  
100 1094.3 9.1 13.7#



#26  
Benzo(a)pyrene  
Concen: 0.103 ng/ul  
RT: 23.816 min Scan# 5027  
Delta R.T. -0.053 min  
Lab File: BN028147.D  
Acq: 08 Oct 2023 07:45

Tgt Ion:252 Resp: 4318  
Ion Ratio Lower Upper  
252 100  
253 55.9 23.4 35.2#  
125 47.4 15.3 22.9#

