

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062422\  
 Data File : BN020394.D  
 Acq On : 24 Jun 2022 12:59  
 Operator : CG/JU  
 Sample : N3401-13  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jun 25 00:54:48 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 24 00:17:34 2022  
 Response via : Initial Calibration

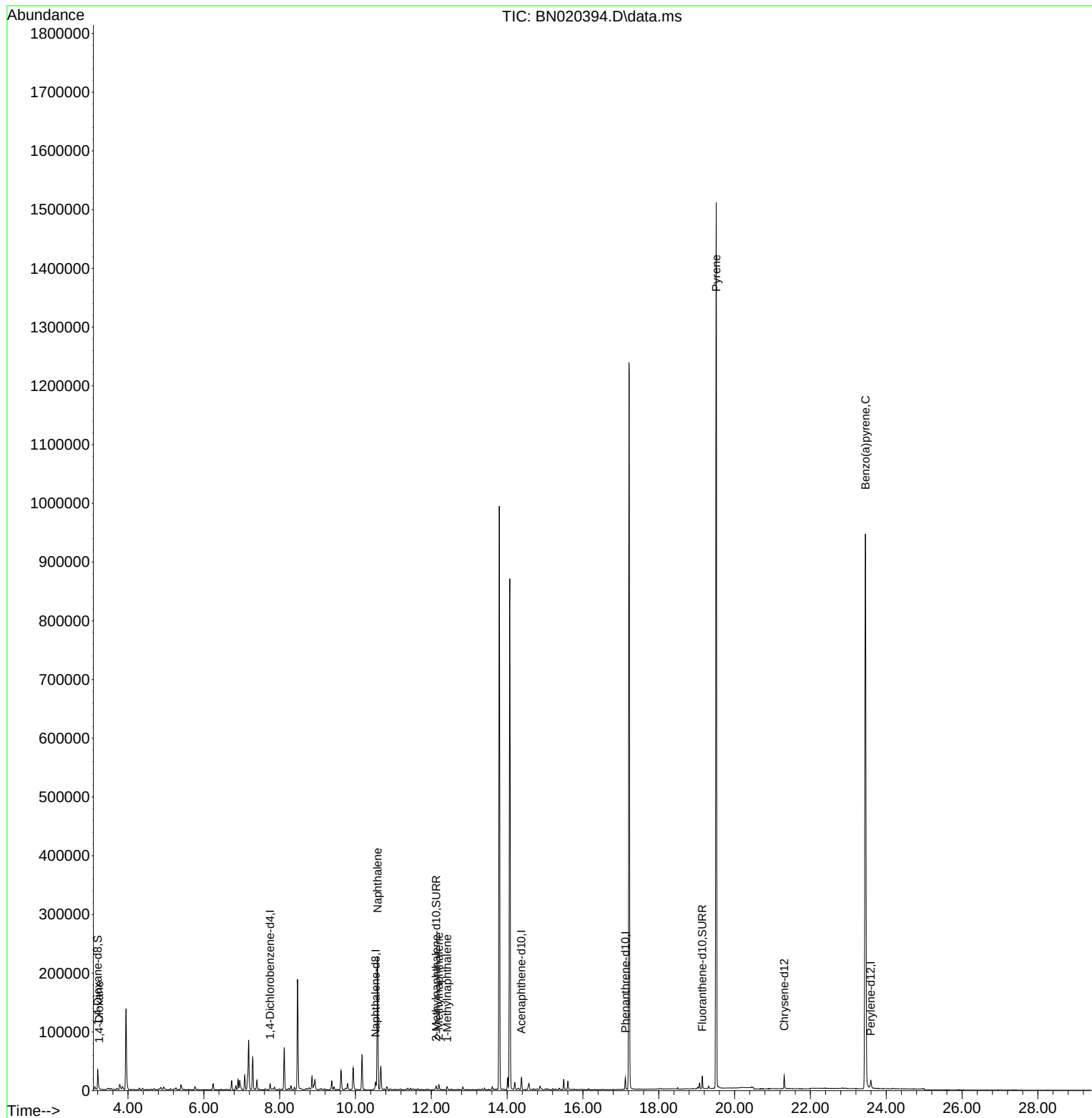
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.750  | 152  | 4498     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.533 | 136  | 15887    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.376 | 164  | 12969    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.119 | 188  | 23618    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.309 | 240  | 21028    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.595 | 264  | 18761    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.205  | 96   | 22384    | 4.296 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.128 | 152  | 8500     | 0.326 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.149 | 212  | 22717    | 0.328 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.239  | 88   | 558      | 0.105 | ng/ul# | 67       |
| 5) Naphthalene              | 10.583 | 128  | 305360   | 6.226 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.200 | 142  | 6530     | 0.199 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.420 | 142  | 2579     | 0.083 | ng/ul  | 98       |
| 20) Pyrene                  | 19.516 | 202  | 2689     | 0.027 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.452 | 252  | 5169     | 0.066 | ng/ul# | 55       |
| -----                       |        |      |          |       |        |          |

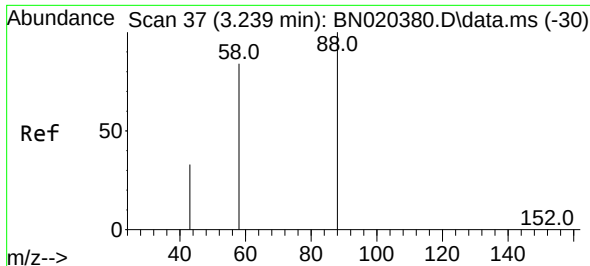
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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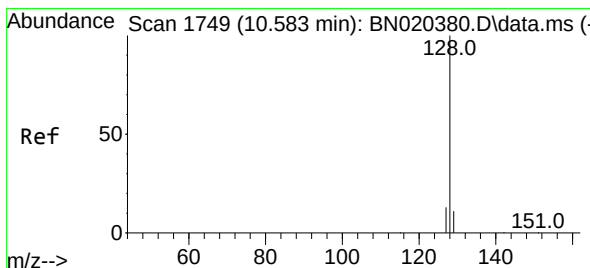
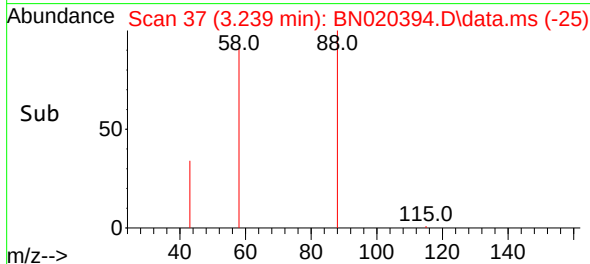
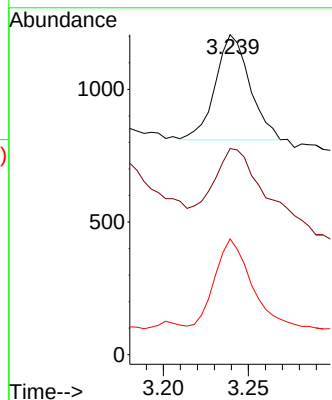
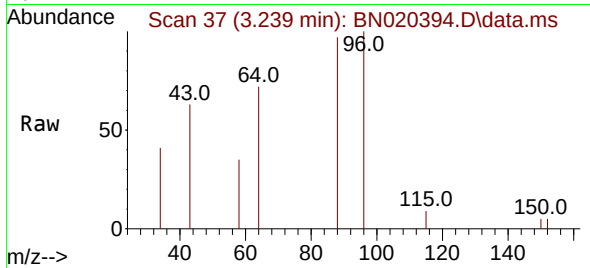




#2  
1,4-Dioxane  
Concen: 0.105 ng/ul  
RT: 3.239 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN020394.D  
Acq: 24 Jun 2022 12:59

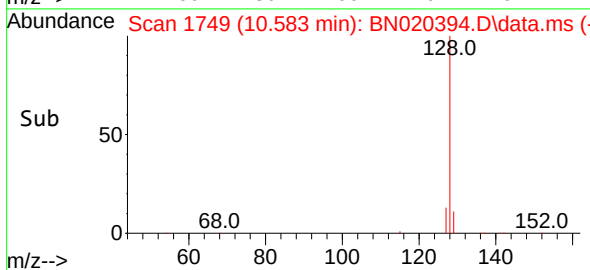
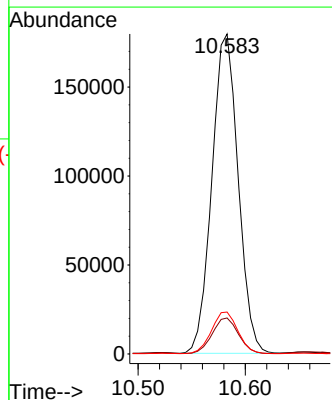
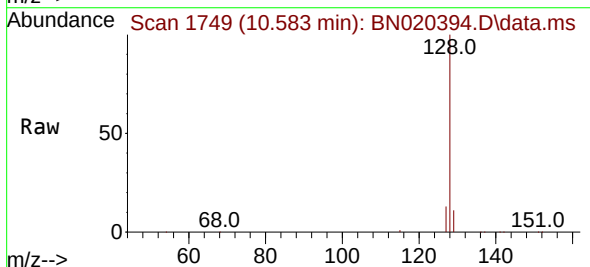
Instrument :  
BNA\_N  
ClientSampleId :

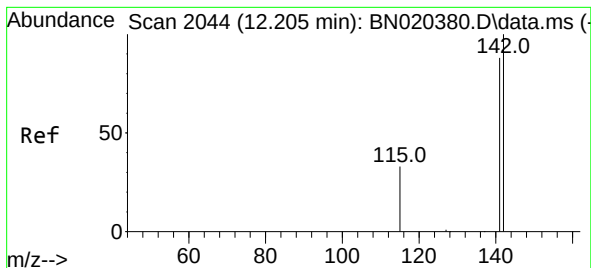
Tgt Ion: 88 Resp: 558  
Ion Ratio Lower Upper  
88 100  
43 64.4 32.5 48.7#  
58 36.2 46.2 69.2#



#5  
Naphthalene  
Concen: 6.226 ng/ul  
RT: 10.583 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: BN020394.D  
Acq: 24 Jun 2022 12:59

Tgt Ion:128 Resp: 305360  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.5 14.3  
127 13.1 11.3 16.9





#7

2-Methylnaphthalene

Concen: 0.199 ng/ul

RT: 12.200 min Scan# 2044

Delta R.T. -0.005 min

Lab File: BN020394.D

Acq: 24 Jun 2022 12:59

Instrument :

BNA\_N

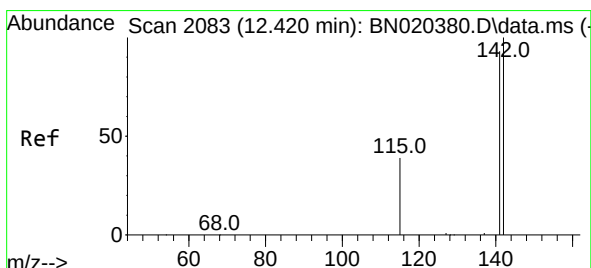
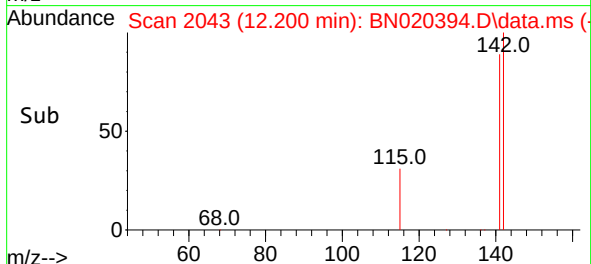
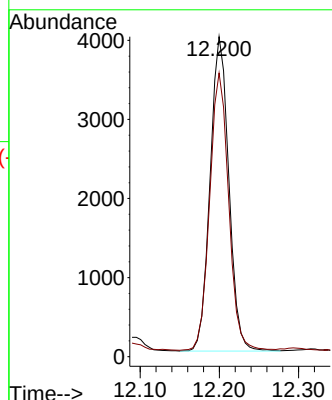
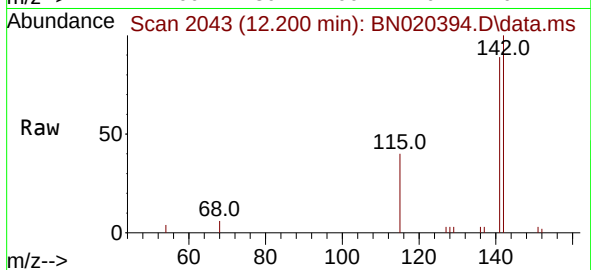
ClientSampleId :

Tgt Ion:142 Resp: 6530

Ion Ratio Lower Upper

142 100

141 89.2 72.1 108.1



#8

1-Methylnaphthalene

Concen: 0.083 ng/ul

RT: 12.420 min Scan# 2083

Delta R.T. 0.000 min

Lab File: BN020394.D

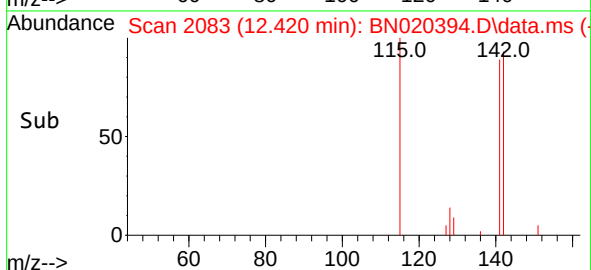
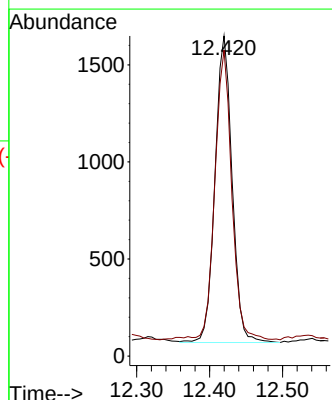
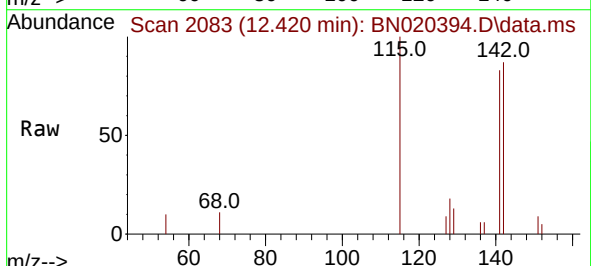
Acq: 24 Jun 2022 12:59

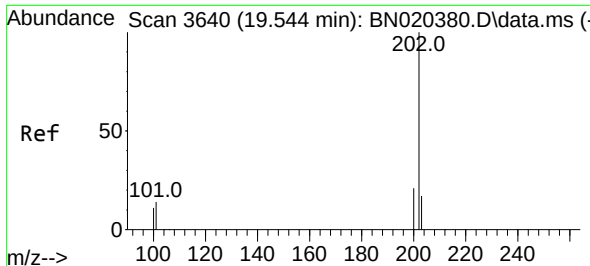
Tgt Ion:142 Resp: 2579

Ion Ratio Lower Upper

142 100

141 93.7 73.7 110.5

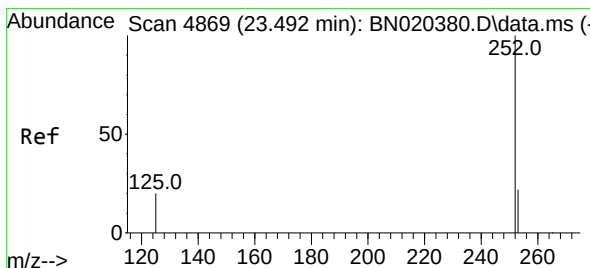
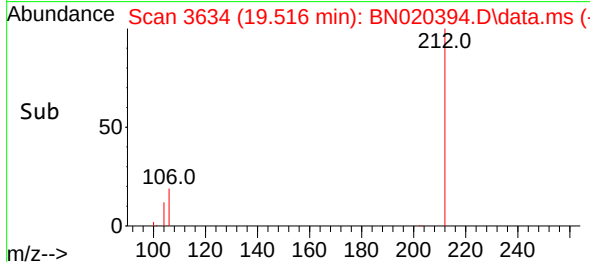
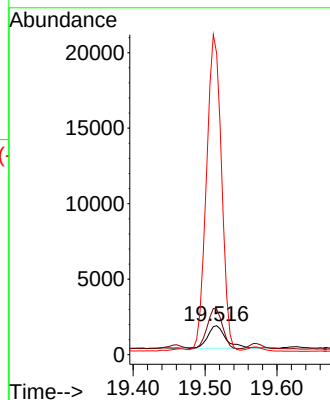
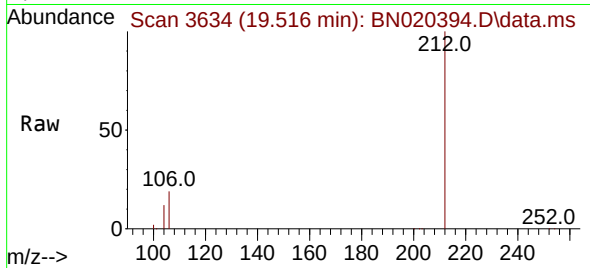




#20  
Pyrene  
Concen: 0.027 ng/ul  
RT: 19.516 min Scan# 30  
Delta R.T. -0.028 min  
Lab File: BN020394.D  
Acq: 24 Jun 2022 12:59

Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:202 Resp: 2689  
Ion Ratio Lower Upper  
202 100  
101 156.2 11.6 17.4#  
100 1037.7 9.2 13.8#



#26  
Benzo(a)pyrene  
Concen: 0.066 ng/ul  
RT: 23.452 min Scan# 4855  
Delta R.T. -0.041 min  
Lab File: BN020394.D  
Acq: 24 Jun 2022 12:59

Tgt Ion:252 Resp: 5169  
Ion Ratio Lower Upper  
252 100  
253 50.7 21.0 31.4#  
125 43.5 18.8 28.2#

