

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042023\  
 Data File : BN025041.D  
 Acq On : 20 Apr 2023 18:38  
 Operator : CG/JU  
 Sample : 02296-04  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCBK2

Quant Time: Apr 21 04:26:49 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN042023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 21 04:13:07 2023  
 Response via : Initial Calibration

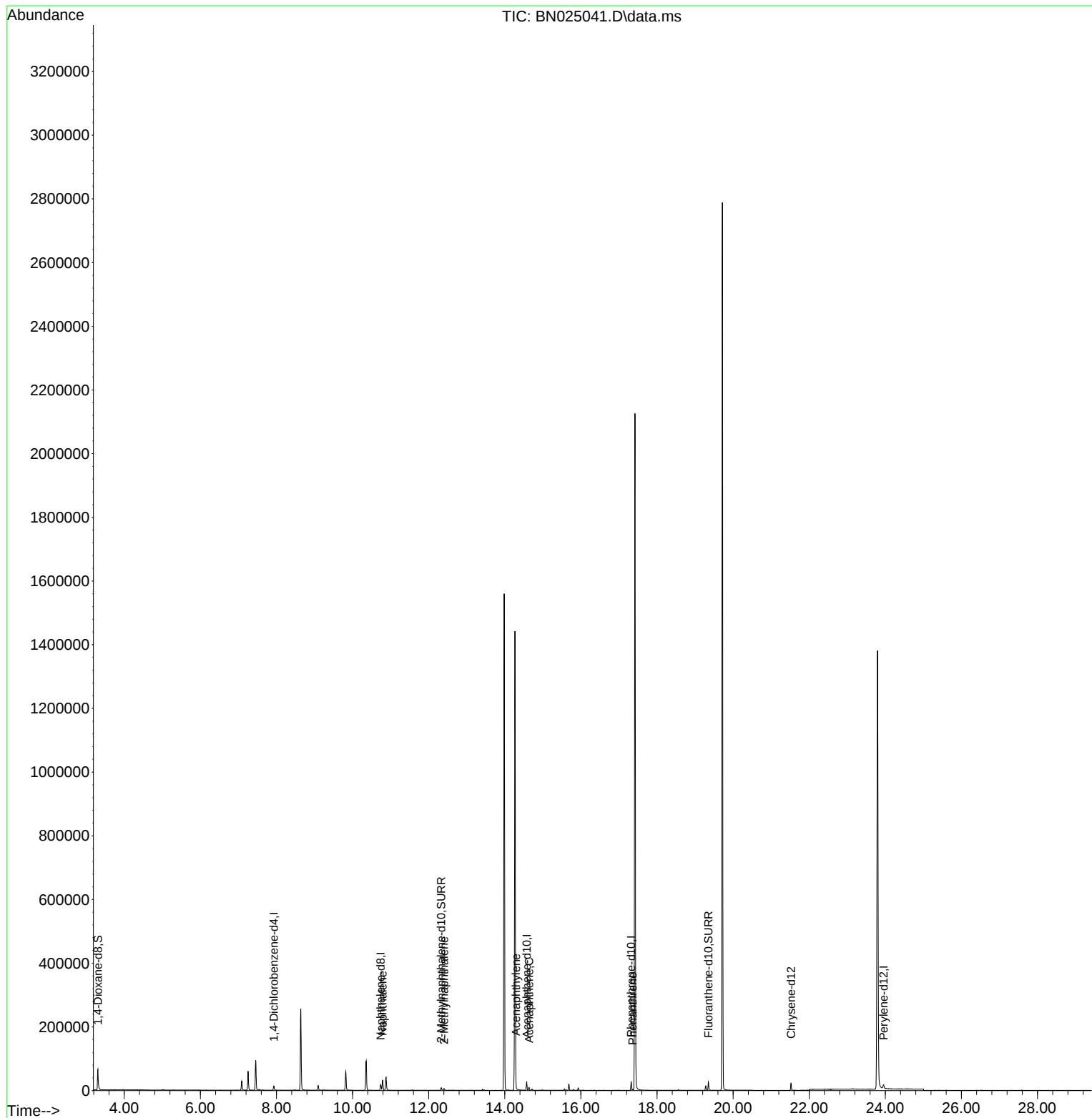
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.930  | 152  | 7155     | 0.400 | ng/u1  | 0.00     |
| 4) Naphthalene-d8           | 10.737 | 136  | 23091    | 0.400 | ng/u1  | 0.00     |
| 9) Acenaphthene-d10         | 14.576 | 164  | 13822    | 0.400 | ng/u1  | 0.00     |
| 13) Phenanthrene-d10        | 17.322 | 188  | 29911    | 0.400 | ng/u1  | 0.00     |
| 17) Chrysene-d12            | 21.521 | 240  | 21423    | 0.400 | ng/u1  | 0.00     |
| 23) Perylene-d12            | 23.953 | 264  | 20431    | 0.400 | ng/u1  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.305  | 96   | 39165    | 5.286 | ng/u1  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.332 | 152  | 10791    | 0.364 | ng/u1  | 0.00     |
| 18) Fluoranthene-d10        | 19.350 | 212  | 27534    | 0.487 | ng/u1  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.787 | 128  | 42973    | 0.726 | ng/u1  | 100      |
| 7) 2-Methylnaphthalene      | 12.403 | 142  | 4212     | 0.116 | ng/u1  | 99       |
| 10) Acenaphthylene          | 14.293 | 152  | 2085     | 0.040 | ng/u1# | 85       |
| 11) Acenaphthene            | 14.636 | 153  | 5299     | 0.122 | ng/u1  | 99       |
| 15) Phenanthrene            | 17.360 | 178  | 3607     | 0.043 | ng/u1  | 94       |
| -----                       |        |      |          |       |        |          |

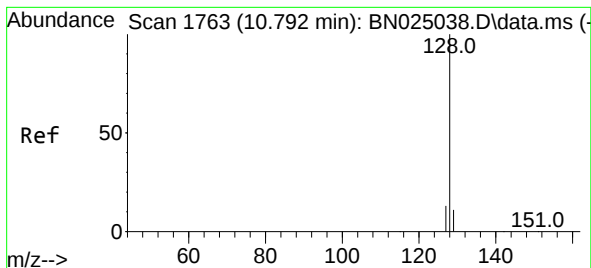
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.726 ng/ul

RT: 10.787 min Scan# 1762

Delta R.T. -0.005 min

Lab File: BN025041.D

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Instrument :

BNA\_N

ClientSampleId :

DCBK2

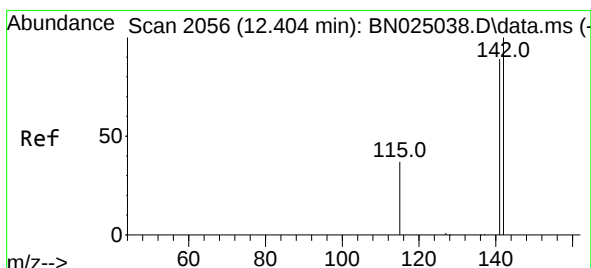
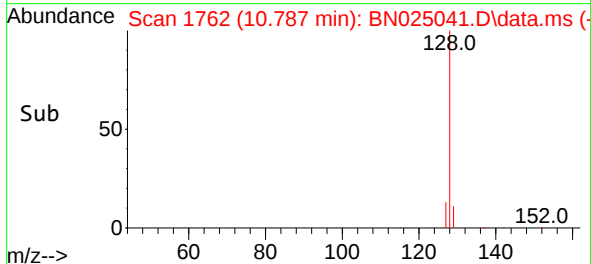
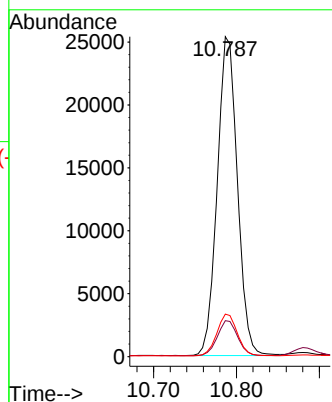
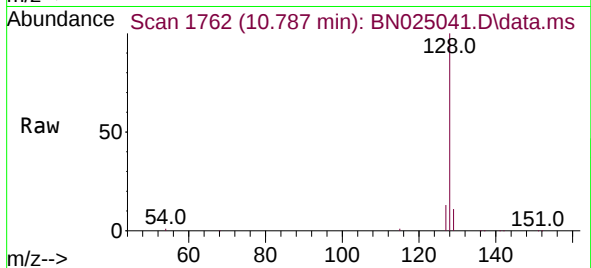
Tgt Ion:128 Resp: 42973

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.3 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.116 ng/ul

RT: 12.403 min Scan# 2056

Delta R.T. 0.000 min

Lab File: BN025041.D

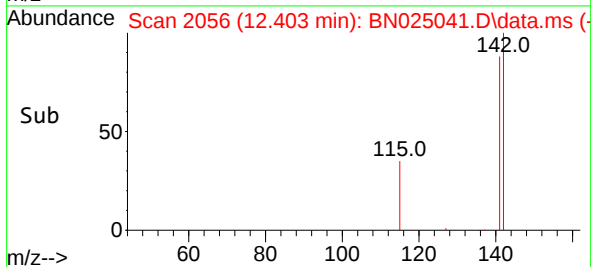
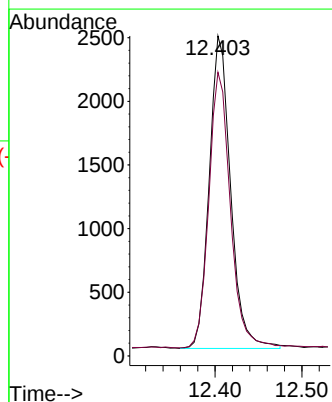
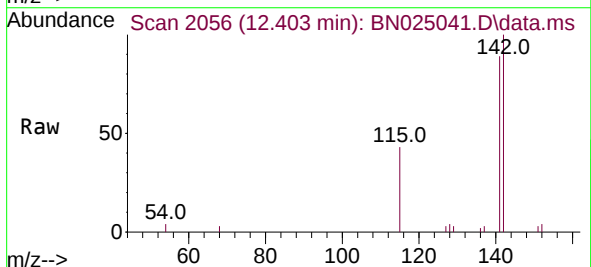
Acq: 20 Apr 2023 18:38

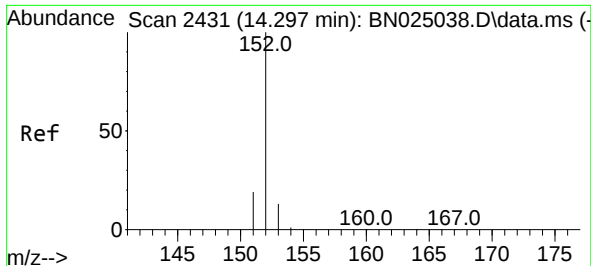
Tgt Ion:142 Resp: 4212

Ion Ratio Lower Upper

142 100

141 88.6 71.4 107.0

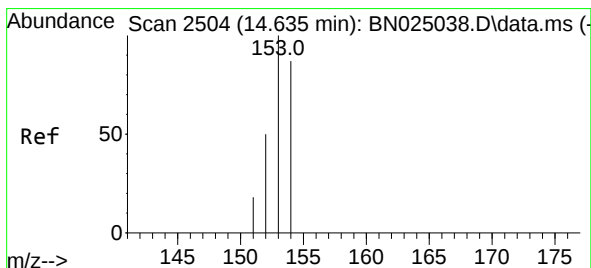
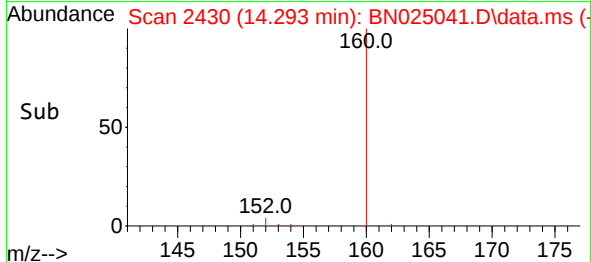
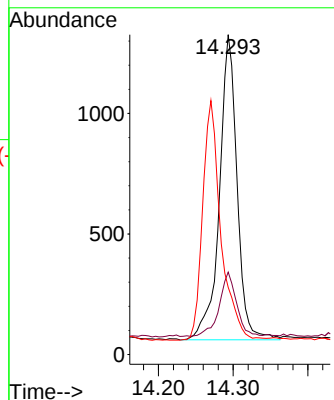
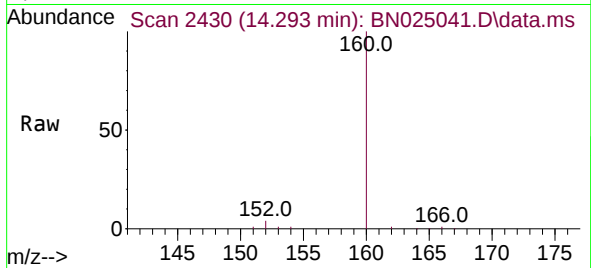




#10  
Acenaphthylene  
Concen: 0.040 ng/ul  
RT: 14.293 min Scan# 2431  
Delta R.T. 0.000 min  
Lab File: BN025041.D  
Acq: 20 Apr 2023 18:38

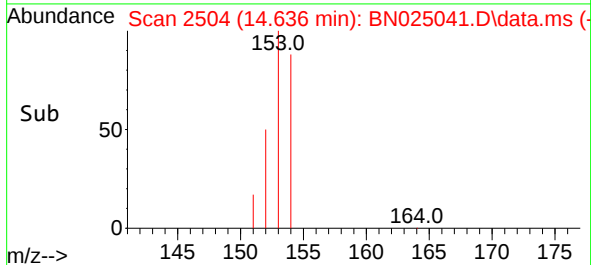
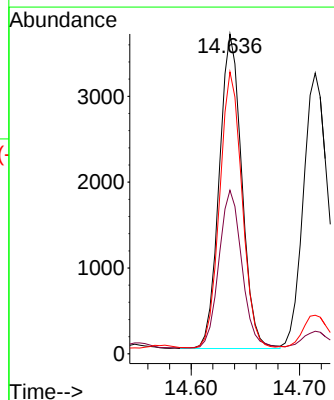
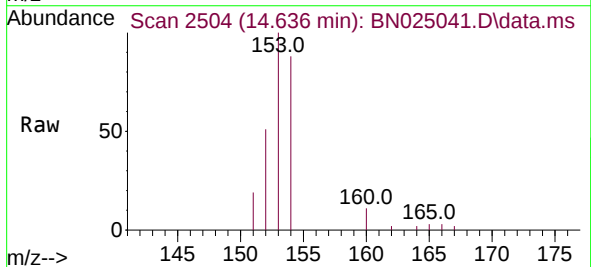
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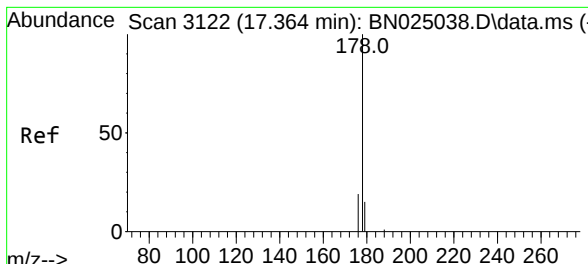
Tgt Ion:152 Resp: 2085  
Ion Ratio Lower Upper  
152 100  
151 25.8 16.0 24.0#  
153 21.0 10.8 16.2#



#11  
Acenaphthene  
Concen: 0.122 ng/ul  
RT: 14.636 min Scan# 2504  
Delta R.T. 0.000 min  
Lab File: BN025041.D  
Acq: 20 Apr 2023 18:38

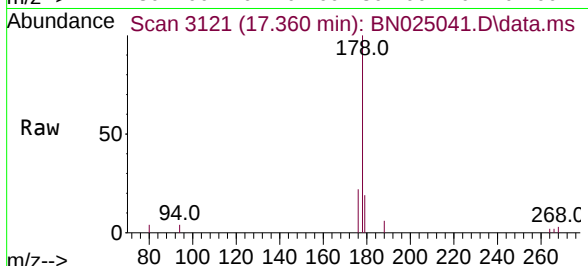
Tgt Ion:153 Resp: 5299  
Ion Ratio Lower Upper  
153 100  
152 51.1 40.2 60.4  
154 88.1 69.4 104.2





#15  
 Phenanthrene  
 Concen: 0.043 ng/ul  
 RT: 17.360 min Scan# 31  
 Delta R.T. -0.004 min  
 Lab File: BN025041.D  
 Acq: 20 Apr 2023 18:38

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCBK2



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 3607  |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 179      | 18.5  | 12.5  | 18.7  |
| 176      | 21.9  | 15.6  | 23.4  |

