

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111321\  
 Data File : BN017414.D  
 Acq On : 14 Nov 2021 05:50  
 Operator : CG/JU  
 Sample : M4522-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BG393

Quant Time: Nov 15 04:40:34 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN111321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 15 02:31:43 2021  
 Response via : Initial Calibration

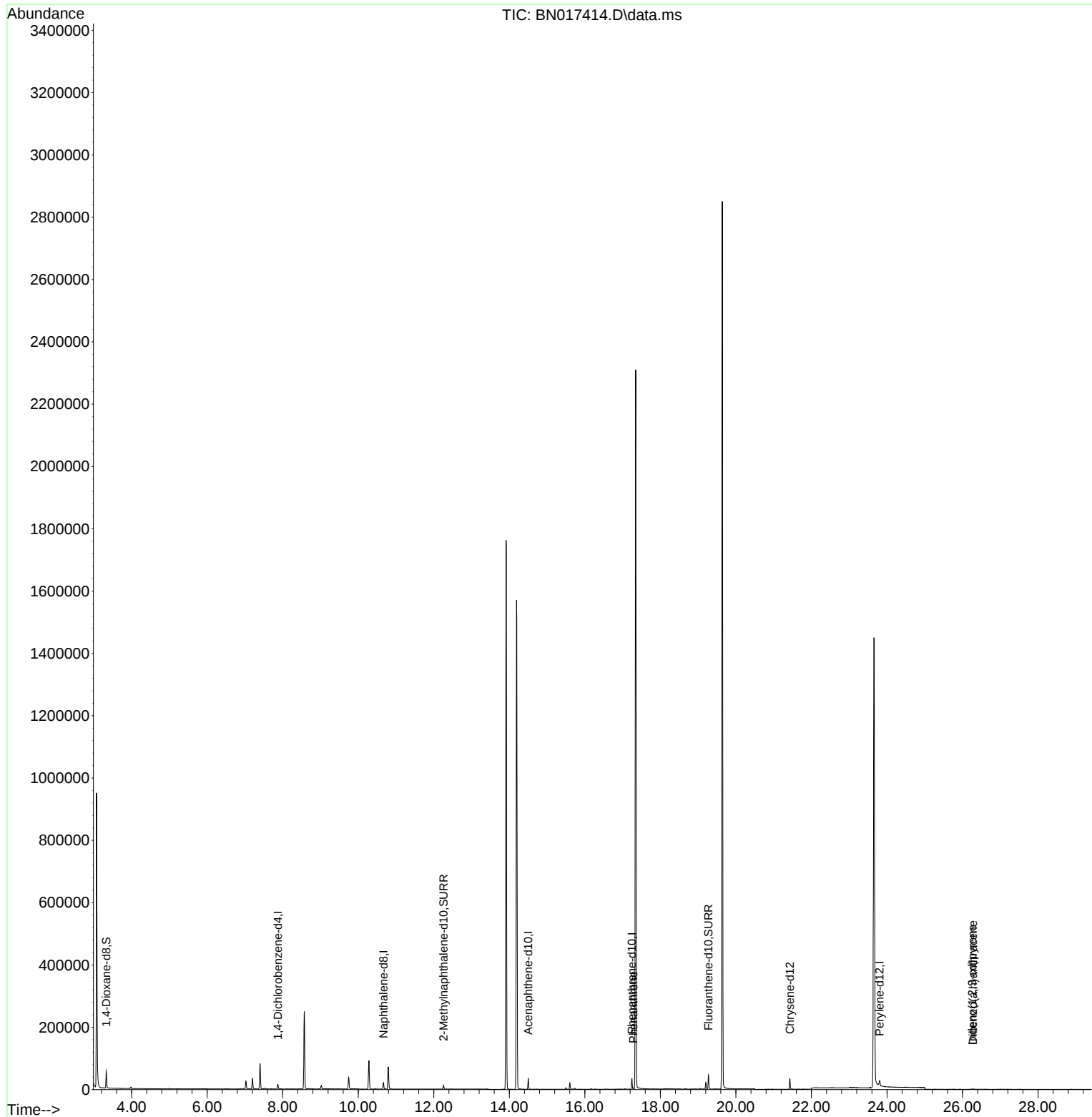
| Compound                    | R.T.   | QIon | Response | Conc  | Units    | Dev(Min) |
|-----------------------------|--------|------|----------|-------|----------|----------|
| -----                       |        |      |          |       |          |          |
| Internal Standards          |        |      |          |       |          |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.872  | 152  | 7244     | 0.400 | ng/ul    | 0.00     |
| 4) Naphthalene-d8           | 10.667 | 136  | 27247    | 0.400 | ng/ul #  | 0.00     |
| 9) Acenaphthene-d10         | 14.502 | 164  | 17642    | 0.400 | ng/ul    | 0.00     |
| 13) Phenanthrene-d10        | 17.247 | 188  | 37483    | 0.400 | ng/ul    | 0.00     |
| 17) Chrysene-d12            | 21.430 | 240  | 30323    | 0.400 | ng/ul #  | 0.00     |
| 23) Perylene-d12            | 23.803 | 264  | 28677    | 0.400 | ng/ul #- | 0.02     |
| System Monitoring Compounds |        |      |          |       |          |          |
| 3) 1,4-Dioxane-d8           | 3.328  | 96   | 33547    | 4.222 | ng/ul    | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.257 | 152  | 14930    | 0.355 | ng/ul    | 0.00     |
| 18) Fluoranthene-d10        | 19.272 | 212  | 46194    | 0.424 | ng/ul    | -0.01    |
| Target Compounds            |        |      |          |       |          |          |
|                             |        |      |          |       | Qvalue   |          |
| 15) Phenanthrene            | 17.285 | 178  | 3769     | 0.033 | ng/ul#   | 87       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.259 | 276  | 1938     | 0.023 | ng/ul#   | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.279 | 278  | 1516     | 0.025 | ng/ul#   | 25       |
| -----                       |        |      |          |       |          |          |

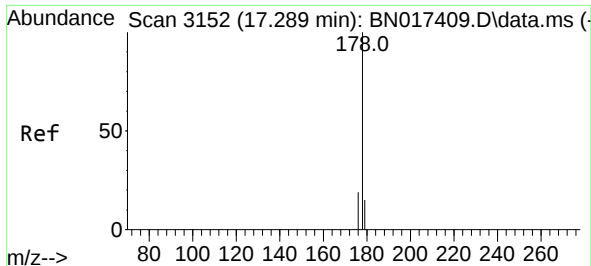
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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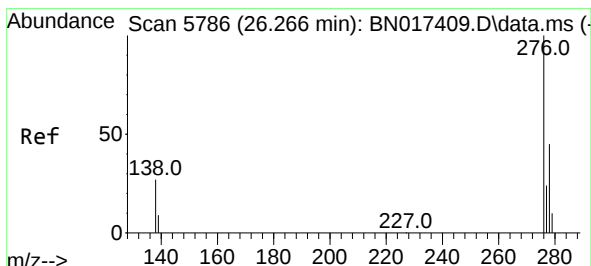
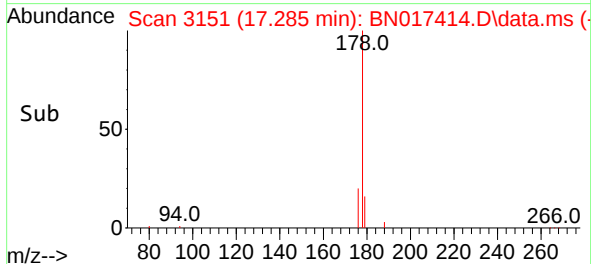
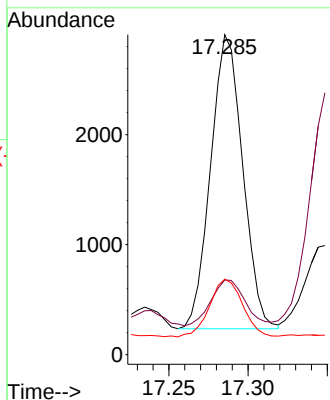
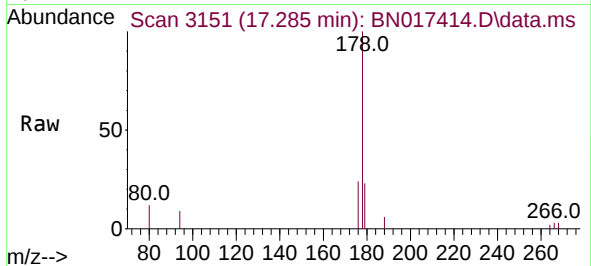




#15  
Phenanthrene  
Concen: 0.033 ng/ul  
RT: 17.285 min Scan# 3151  
Delta R.T. -0.010 min  
Lab File: BN017414.D  
Acq: 14 Nov 2021 05:50

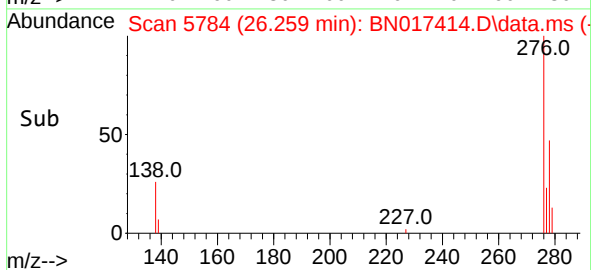
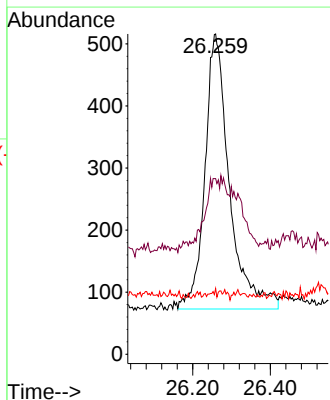
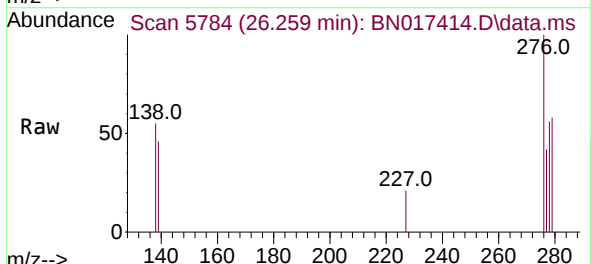
Instrument :  
BNA\_N  
ClientSampleId :  
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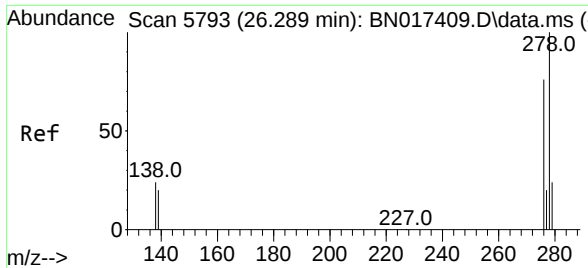
Tgt Ion:178 Resp: 3769  
Ion Ratio Lower Upper  
178 100  
179 23.3 13.0 19.4#  
176 23.6 15.6 23.4#



#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.023 ng/ul  
RT: 26.259 min Scan# 5784  
Delta R.T. -0.028 min  
Lab File: BN017414.D  
Acq: 14 Nov 2021 05:50

Tgt Ion:276 Resp: 1938  
Ion Ratio Lower Upper  
276 100  
138 0.0 0.1 0.1#  
227 0.5 0.0 0.0#





#28  
 Dibenzo(a,h)anthracene  
 Concen: 0.025 ng/ul  
 RT: 26.279 min Scan# 51  
 Delta R.T. -0.035 min  
 Lab File: BN017414.D  
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Tgt Ion:278 Resp: 1516  
 Ion Ratio Lower Upper  
 278 100  
 139 64.3 21.8 32.8#  
 279 76.9 26.3 39.5#

