

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN071224\  
 Data File : BN032679.D  
 Acq On : 12 Jul 2024 19:12  
 Operator : MA/JU  
 Sample : P3087-24  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jul 13 00:03:17 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN071224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 12 01:40:24 2024  
 Response via : Initial Calibration

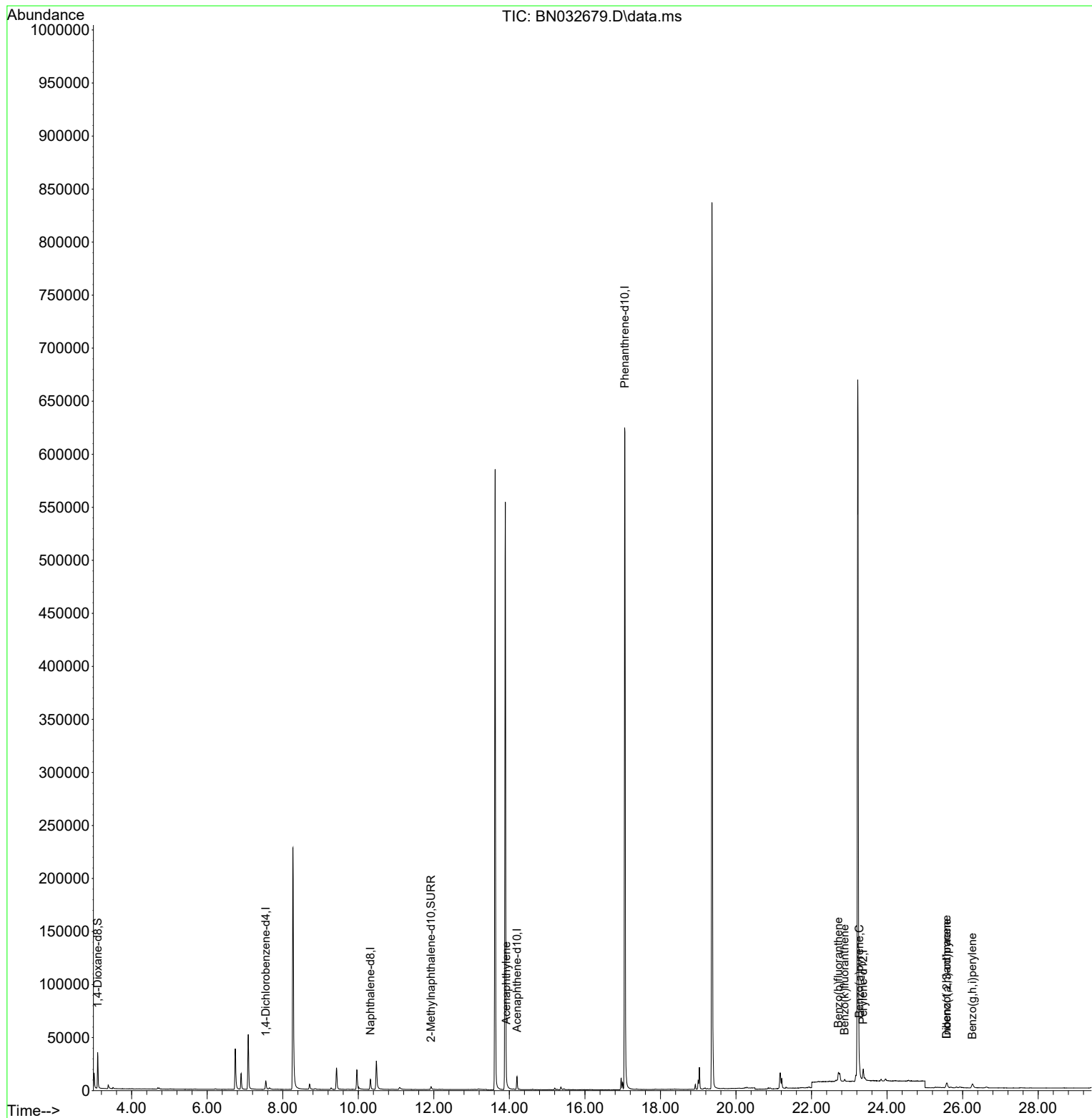
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.553  | 152  | 4633     | 0.400 | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.321 | 136  | 13624    | 0.400 | ng/ul  | -0.04    |
| 9) Acenaphthene-d10         | 14.202 | 164  | 7136     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.058 | 188  | 765775   | 0.400 | ng/ul  | 0.07     |
| 17) Chrysene-d12            | 0.000  | 240  | 0        | 0.000 | ng/ul  | -21.19   |
| 23) Perylene-d12            | 23.368 | 264  | 17500    | 0.400 | ng/ul  | -0.03    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.101  | 96   | 21808    | 3.920 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.927 | 152  | 4960     | 0.241 | ng/ul  | -0.04    |
| 18) Fluoranthene-d10        | 18.999 | 212  | 9109     | 0.000 | ng/ul  | -0.03    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 10) Acenaphthylene          | 13.920 | 152  | 1966     | 0.068 | ng/ul# | 85       |
| 24) Benzo(b)fluoranthene    | 22.710 | 252  | 19656    | 0.318 | ng/ul  | 73       |
| 25) Benzo(k)fluoranthene    | 22.877 | 252  | 2261     | 0.030 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.269 | 252  | 9986     | 0.187 | ng/ul# | 81       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.582 | 276  | 7864     | 0.109 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 25.576 | 278  | 1844     | 0.033 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 26.256 | 276  | 7790     | 0.129 | ng/ul# | 82       |
| -----                       |        |      |          |       |        |          |

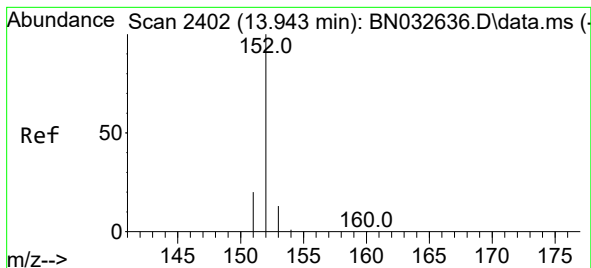
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

Acenaphthylene

Concen: 0.068 ng/ul

RT: 13.920 min Scan# 21

Delta R.T. -0.023 min

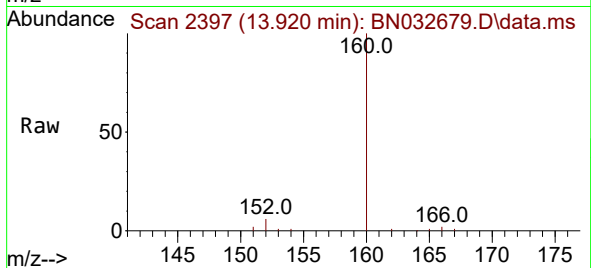
Lab File: BN032679.D

Acq: 12 Jul 2024 19:12

Instrument :

BNA\_N

ClientSampleId :



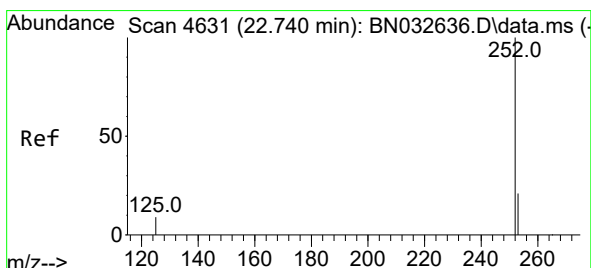
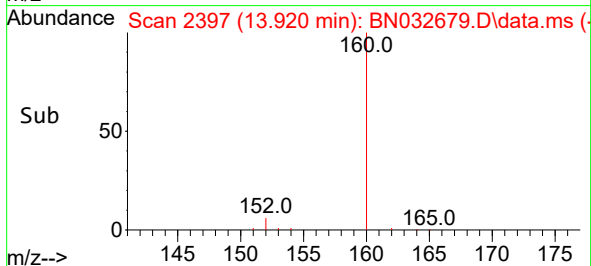
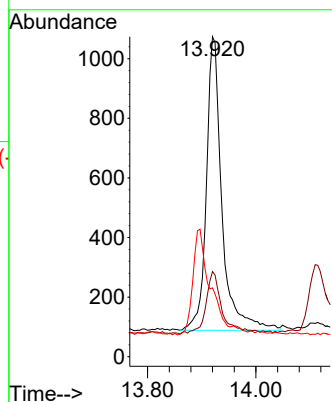
Tgt Ion:152 Resp: 1966

Ion Ratio Lower Upper

152 100

151 26.6 16.3 24.5#

153 21.5 11.3 16.9#



#24

Benzo(b)fluoranthene

Concen: 0.318 ng/ul

RT: 22.710 min Scan# 4621

Delta R.T. -0.023 min

Lab File: BN032679.D

Acq: 12 Jul 2024 19:12

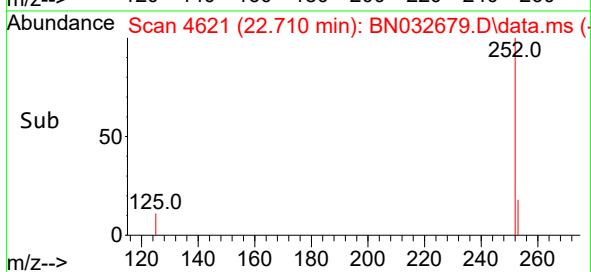
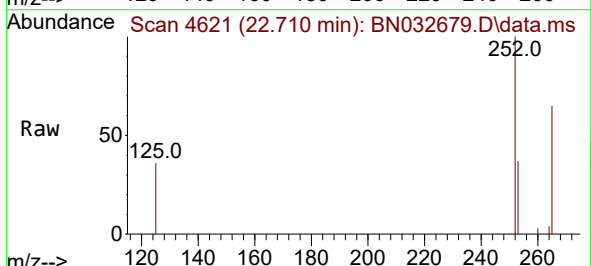
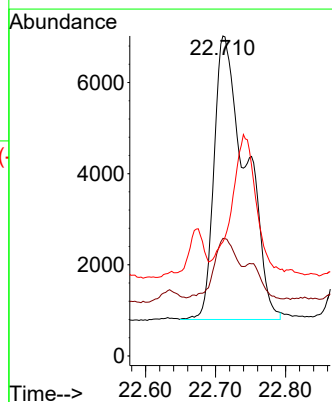
Tgt Ion:252 Resp: 19656

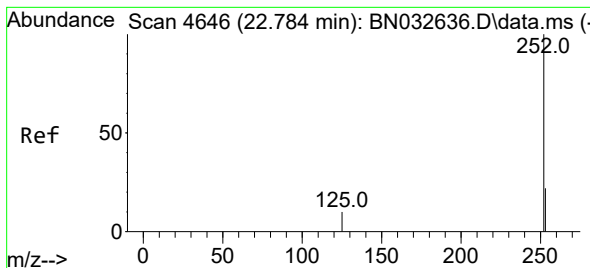
Ion Ratio Lower Upper

252 100

253 36.8 0.0 54.0

125 35.7 0.0 36.0





#25

Benzo(k)fluoranthene

Concen: 0.030 ng/ul

RT: 22.877 min Scan# 4

Delta R.T. 0.099 min

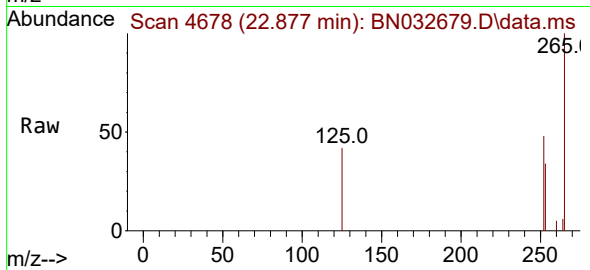
Lab File: BN032679.D

Acq: 12 Jul 2024 19:12

Instrument :

BNA\_N

ClientSampleId :



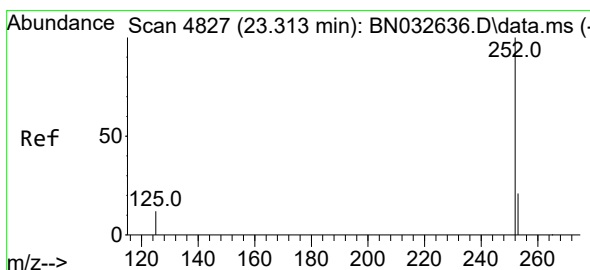
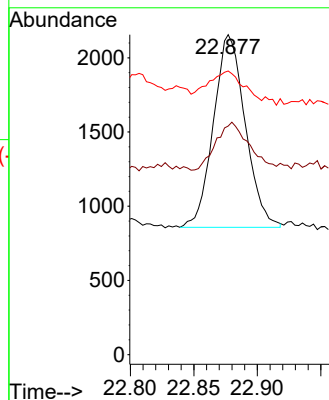
Tgt Ion:252 Resp: 2261

Ion Ratio Lower Upper

252 100

253 71.4 21.2 31.8#

125 88.6 14.8 22.2#



#26

Benzo(a)pyrene

Concen: 0.187 ng/ul

RT: 23.269 min Scan# 4812

Delta R.T. -0.041 min

Lab File: BN032679.D

Acq: 12 Jul 2024 19:12

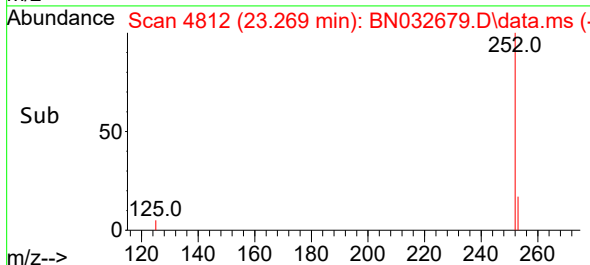
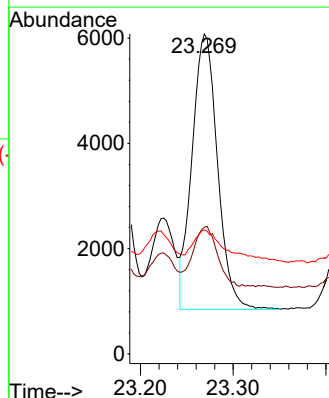
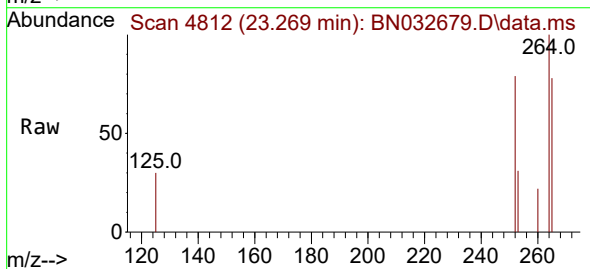
Tgt Ion:252 Resp: 9986

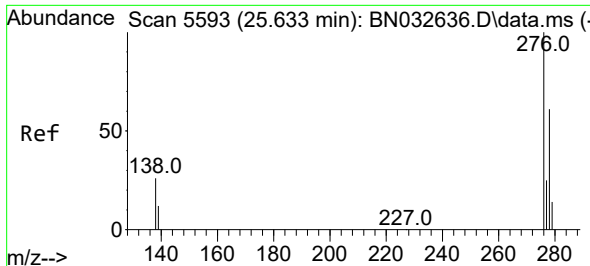
Ion Ratio Lower Upper

252 100

253 39.6 25.4 38.0#

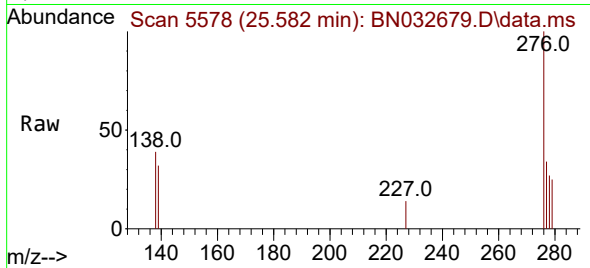
125 38.8 20.6 30.8#



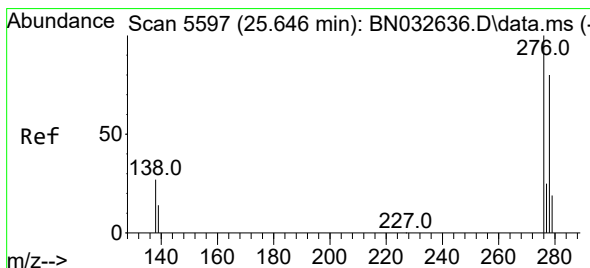
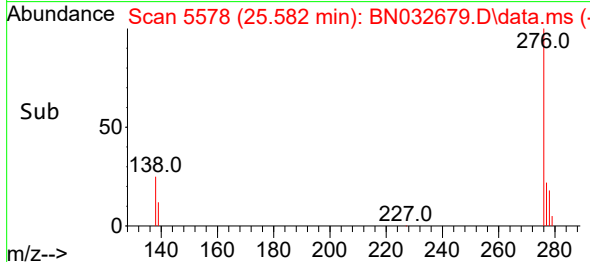
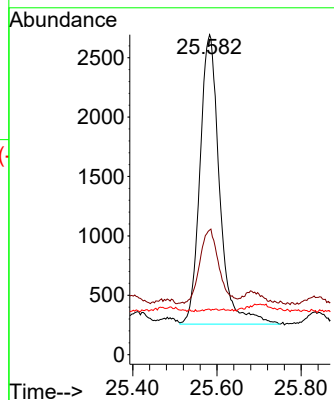


#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.109 ng/ul  
RT: 25.582 min Scan# 5578  
Delta R.T. -0.044 min  
Lab File: BN032679.D  
Acq: 12 Jul 2024 19:12

Instrument :  
BNA\_N  
ClientSampleId :

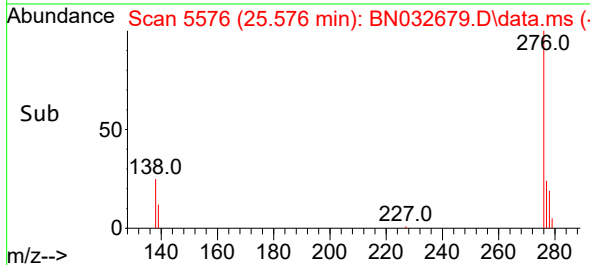
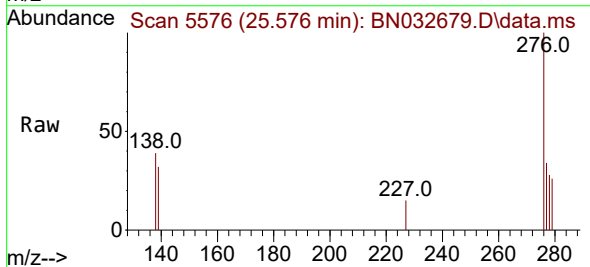
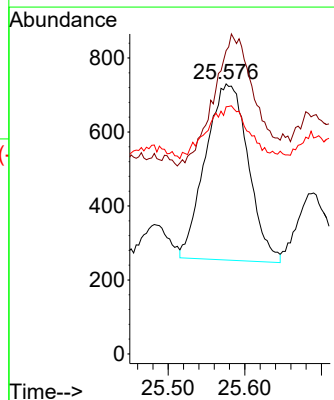


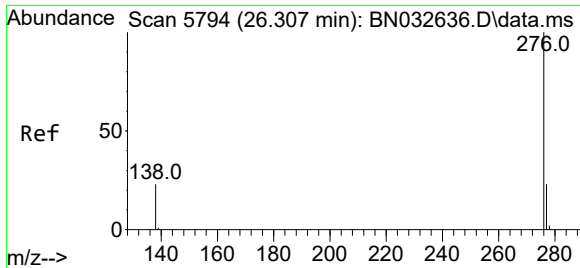
Tgt Ion:276 Resp: 7864  
Ion Ratio Lower Upper  
276 100  
138 24.8 21.6 32.4  
227 0.3 0.0 0.0#



#28  
Dibenzo(a,h)anthracene  
Concen: 0.033 ng/ul  
RT: 25.576 min Scan# 5576  
Delta R.T. -0.064 min  
Lab File: BN032679.D  
Acq: 12 Jul 2024 19:12

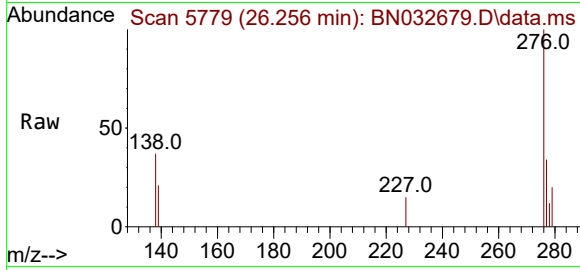
Tgt Ion:278 Resp: 1844  
Ion Ratio Lower Upper  
278 100  
139 112.3 16.6 24.8#  
279 91.5 23.7 35.5#





#29  
 Benzo(g,h,i)perylene  
 Concen: 0.129 ng/ul  
 RT: 26.256 min Scan# 51  
 Delta R.T. -0.044 min  
 Lab File: BN032679.D  
 Acq: 12 Jul 2024 19:12

Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion:276 Resp: 7790  
 Ion Ratio Lower Upper  
 276 100  
 138 36.8 21.0 31.4#  
 277 33.7 20.6 31.0#

