

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050523\  
 Data File : BN025280.D  
 Acq On : 05 May 2023 15:12  
 Operator : CG/JU  
 Sample : 02613-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AA3

Quant Time: May 06 04:07:15 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 May 05 11:29:16 2023  
 Response via : Initial Calibration

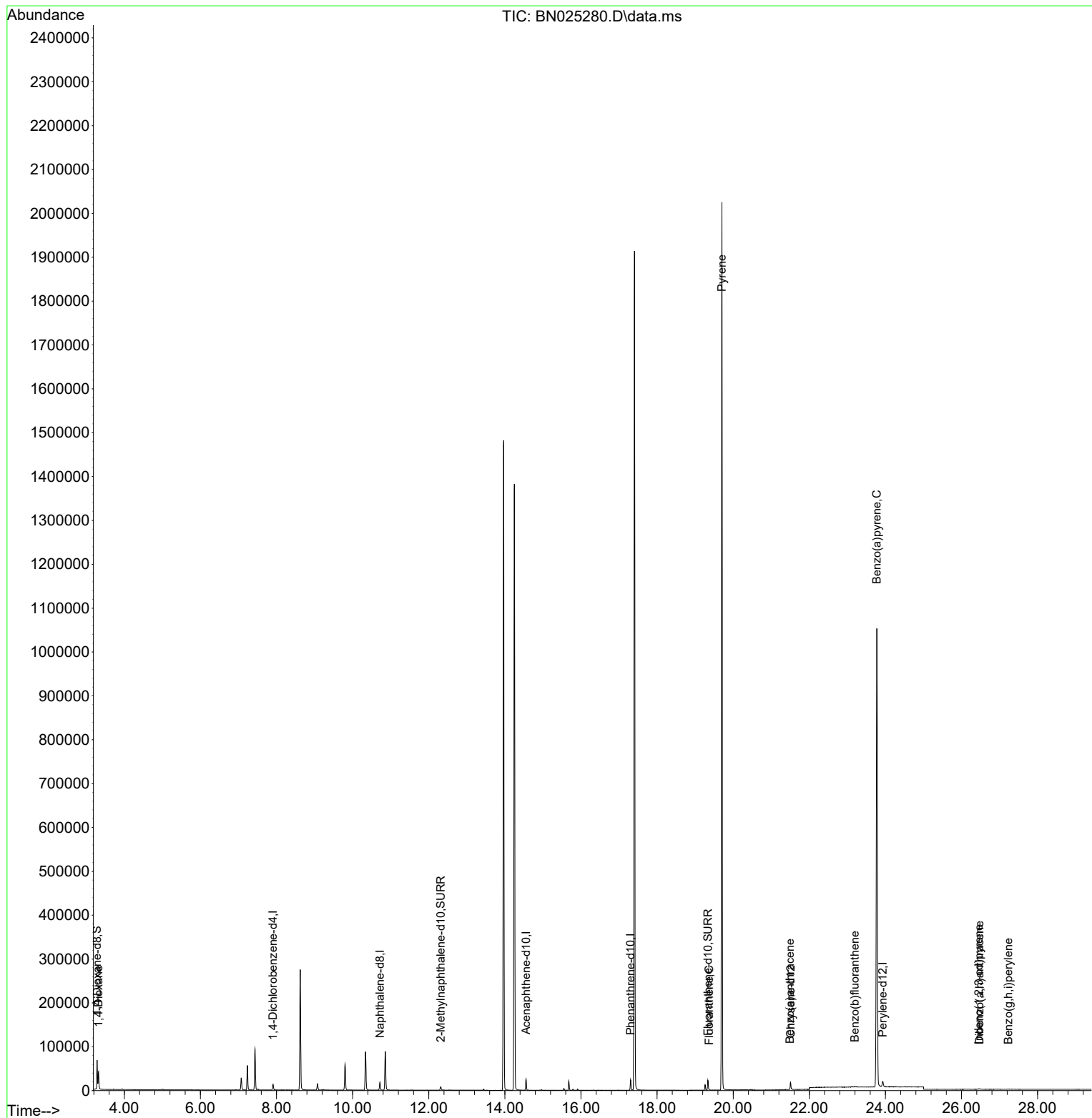
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.909  | 152  | 7023     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.715 | 136  | 22889    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.556 | 164  | 13808    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.305 | 188  | 26918    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.508 | 240  | 16418    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.929 | 264  | 17424    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.284  | 96   | 34836    | 4.791 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.315 | 152  | 11609    | 0.395 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.335 | 212  | 23743    | 0.548 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.322  | 88   | 23861    | 3.047 | ng/ul  | 90       |
| 19) Fluoranthene            | 19.368 | 202  | 1486     | 0.025 | ng/ul# | 80       |
| 20) Pyrene                  | 19.703 | 202  | 3088     | 0.051 | ng/ul# | 1        |
| 21) Benzo(a)anthracene      | 21.491 | 228  | 1034     | 0.021 | ng/ul# | 25       |
| 24) Benzo(b)fluoranthene    | 23.192 | 252  | 2027     | 0.029 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.774 | 252  | 5214     | 0.089 | ng/ul# | 21       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.457 | 276  | 1624     | 0.024 | ng/ul# | 97       |
| 28) Dibenzo(a,h)anthracene  | 26.470 | 278  | 1109     | 0.021 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 27.232 | 276  | 1431     | 0.025 | ng/ul# | 7        |
| -----                       |        |      |          |       |        |          |

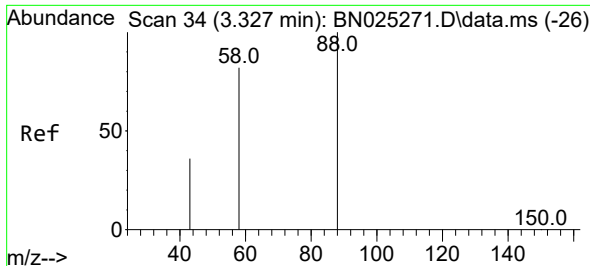
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.047 ng/ul

RT: 3.322 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN025280.D

Acq: 05 May 2023 15:12

Instrument :

BNA\_N

ClientSampleId :

C0AA3

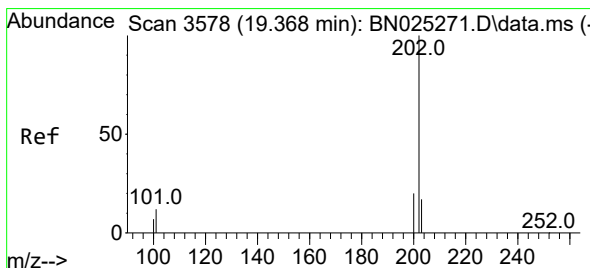
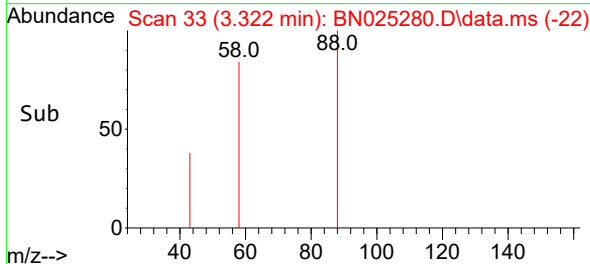
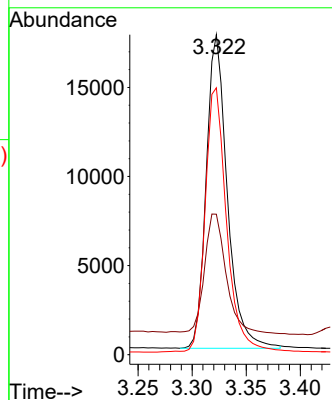
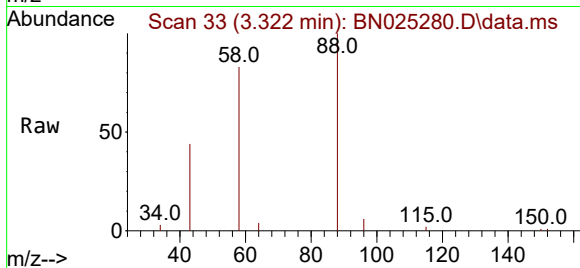
Tgt Ion: 88 Resp: 23861

Ion Ratio Lower Upper

88 100

43 43.9 37.0 55.4

58 83.4 56.9 85.3



#19

Fluoranthene

Concen: 0.025 ng/ul

RT: 19.368 min Scan# 3578

Delta R.T. -0.000 min

Lab File: BN025280.D

Acq: 05 May 2023 15:12

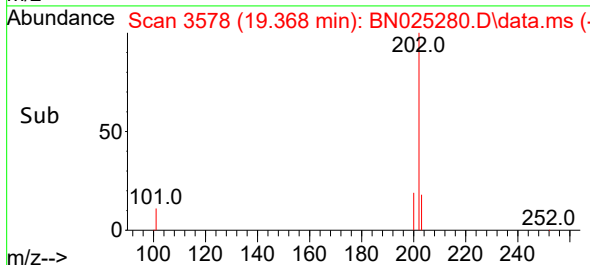
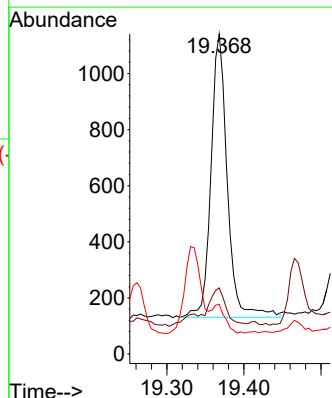
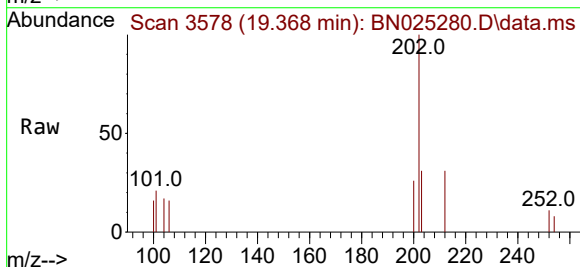
Tgt Ion: 202 Resp: 1486

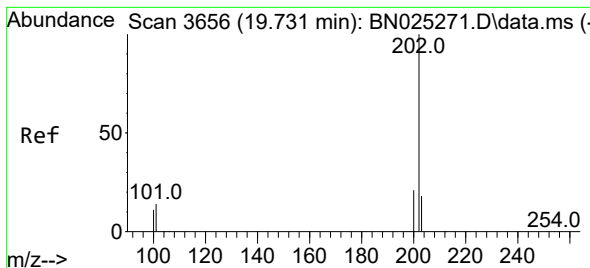
Ion Ratio Lower Upper

202 100

101 20.7 9.7 14.5#

100 15.5 7.3 10.9#





#20

Pyrene

Concen: 0.051 ng/ul

RT: 19.703 min Scan# 3

Delta R.T. -0.028 min

Lab File: BN025280.D

Acq: 05 May 2023 15:12

Instrument :

BNA\_N

ClientSampleId :

C0AA3

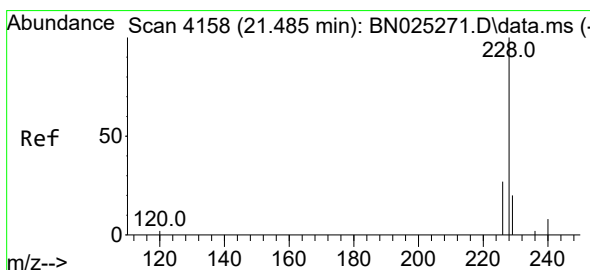
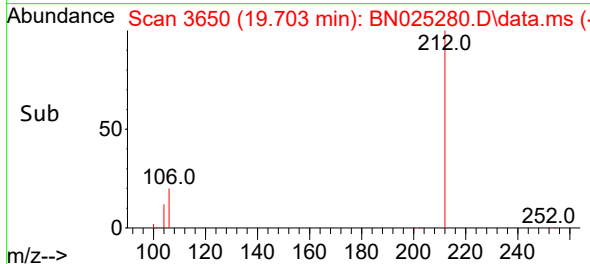
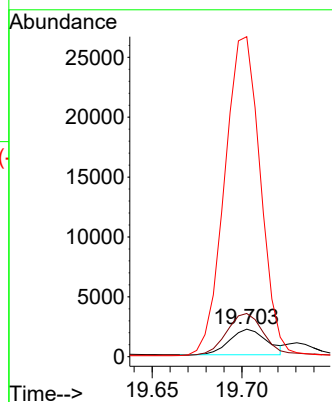
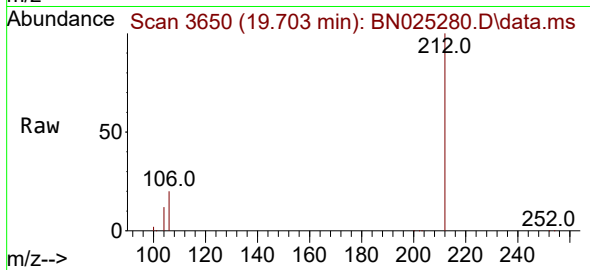
Tgt Ion:202 Resp: 3088

Ion Ratio Lower Upper

202 100

101 157.4 11.3 16.9#

100 1164.1 9.2 13.8#



#21

Benzo(a)anthracene

Concen: 0.021 ng/ul

RT: 21.491 min Scan# 4160

Delta R.T. 0.006 min

Lab File: BN025280.D

Acq: 05 May 2023 15:12

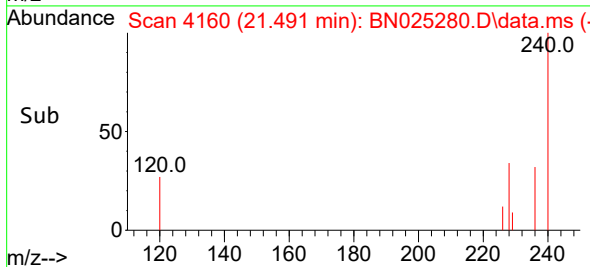
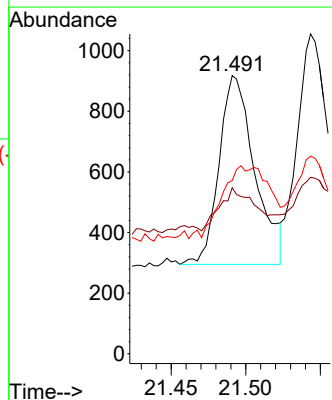
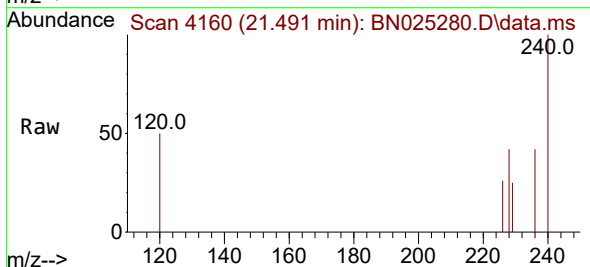
Tgt Ion:228 Resp: 1034

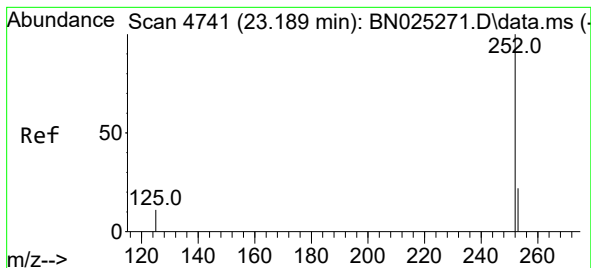
Ion Ratio Lower Upper

228 100

229 59.7 15.6 23.4#

226 62.2 22.1 33.1#





#24

Benzo(b)fluoranthene

Concen: 0.029 ng/ul

RT: 23.192 min Scan# 41

Delta R.T. 0.003 min

Lab File: BN025280.D

Acq: 05 May 2023 15:12

Instrument :

BNA\_N

ClientSampleId :

C0AA3

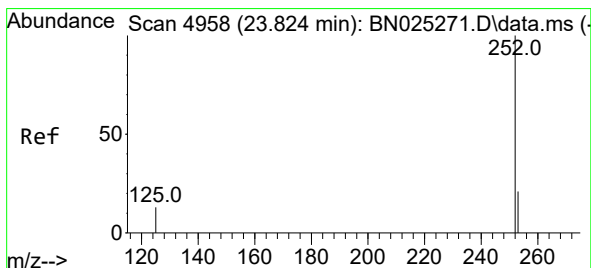
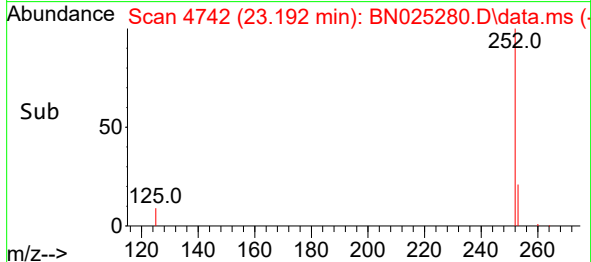
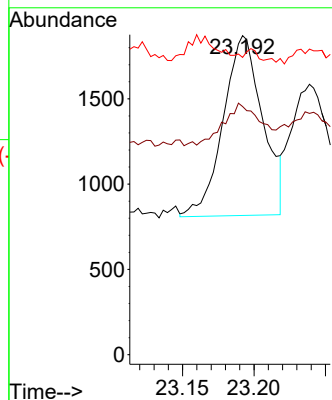
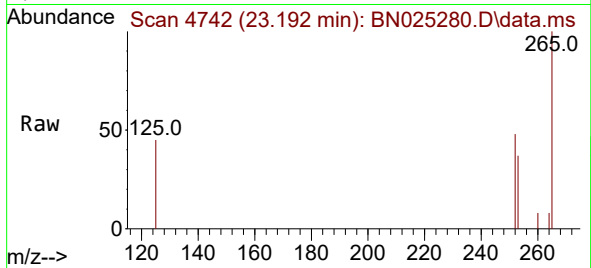
Tgt Ion:252 Resp: 2027

Ion Ratio Lower Upper

252 100

253 77.8 0.0 50.2#

125 93.2 0.0 30.4#



#26

Benzo(a)pyrene

Concen: 0.089 ng/ul

RT: 23.774 min Scan# 4941

Delta R.T. -0.050 min

Lab File: BN025280.D

Acq: 05 May 2023 15:12

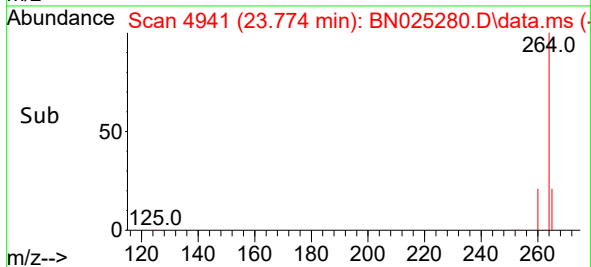
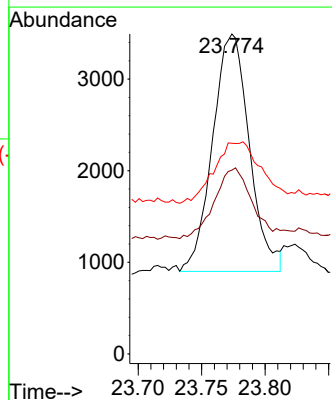
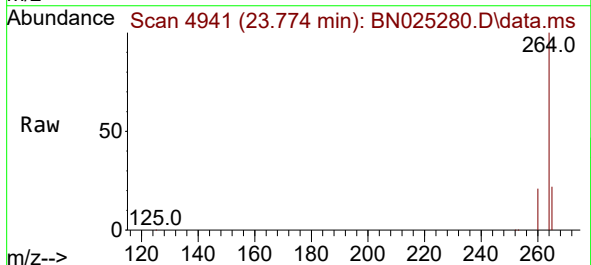
Tgt Ion:252 Resp: 5214

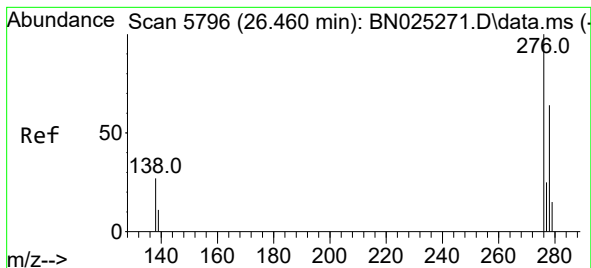
Ion Ratio Lower Upper

252 100

253 57.5 21.4 32.2#

125 65.8 14.6 22.0#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.024 ng/ul

RT: 26.457 min Scan# 5795

Delta R.T. -0.003 min

Lab File: BN025280.D

Acq: 05 May 2023 15:12

Instrument :

BNA\_N

ClientSampleId :

C0AA3

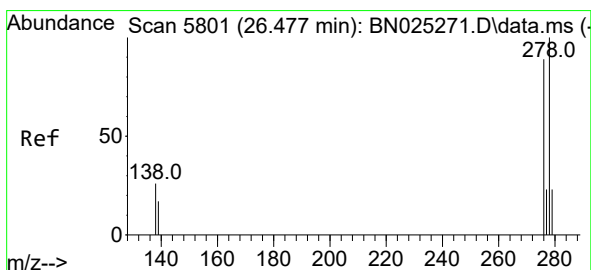
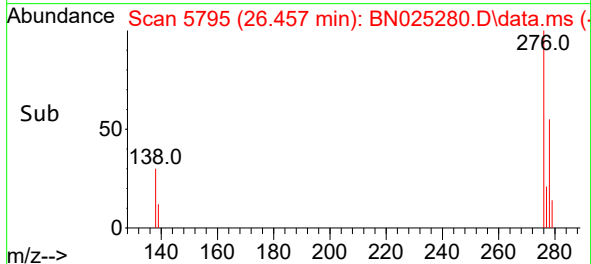
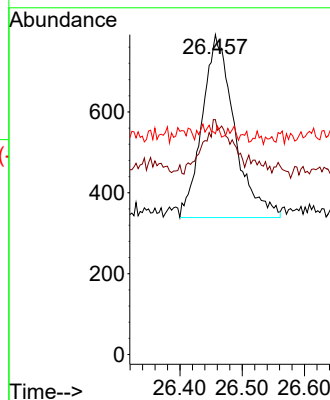
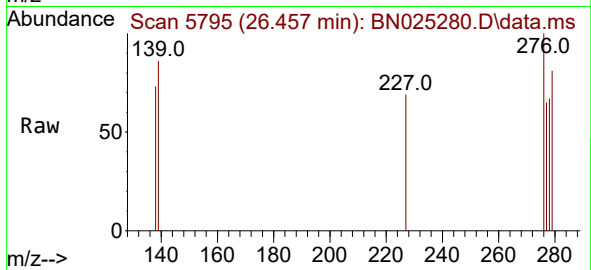
Tgt Ion:276 Resp: 1624

Ion Ratio Lower Upper

276 100

138 25.9 21.9 32.9

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.021 ng/ul

RT: 26.470 min Scan# 5799

Delta R.T. -0.007 min

Lab File: BN025280.D

Acq: 05 May 2023 15:12

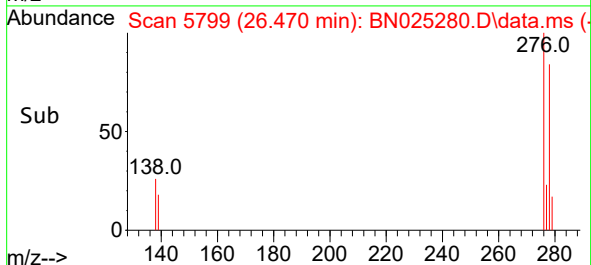
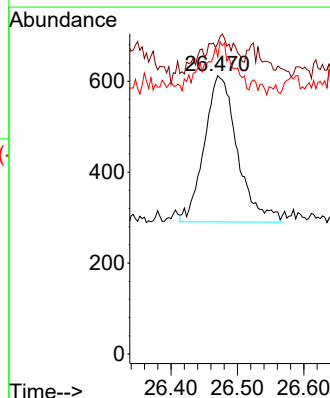
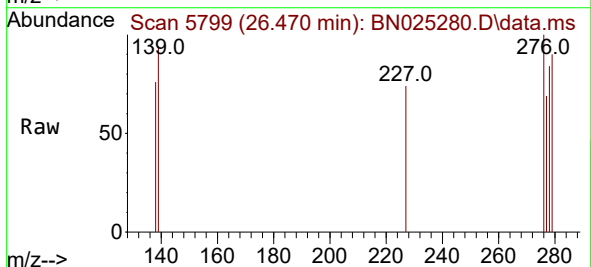
Tgt Ion:278 Resp: 1109

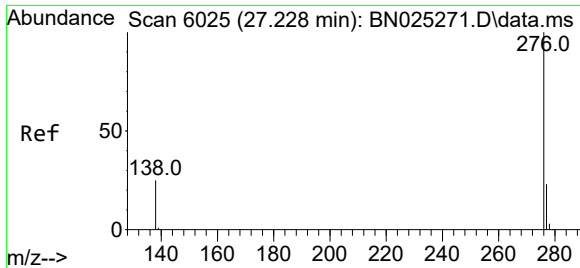
Ion Ratio Lower Upper

278 100

139 111.8 17.0 25.6#

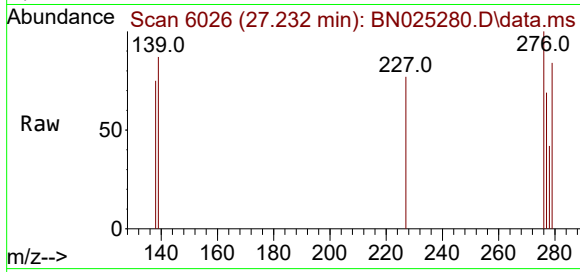
279 106.9 21.8 32.8#





#29  
 Benzo(g,h,i)perylene  
 Concen: 0.025 ng/ul  
 RT: 27.232 min Scan# 6026  
 Delta R.T. 0.003 min  
 Lab File: BN025280.D  
 Acq: 05 May 2023 15:12

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AA3



Tgt Ion:276 Resp: 1431  
 Ion Ratio Lower Upper  
 276 100  
 138 74.5 20.3 30.5#  
 277 69.0 19.8 29.6#

