

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN042623\  
 Data File : BN025143.D  
 Acq On : 26 Apr 2023 13:19  
 Operator : CG/JU  
 Sample : 02373-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 CB9D1

Quant Time: Apr 27 00:13:26 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 : Wed Apr 26 15:32:47 2023  
 Response via : Initial Calibration

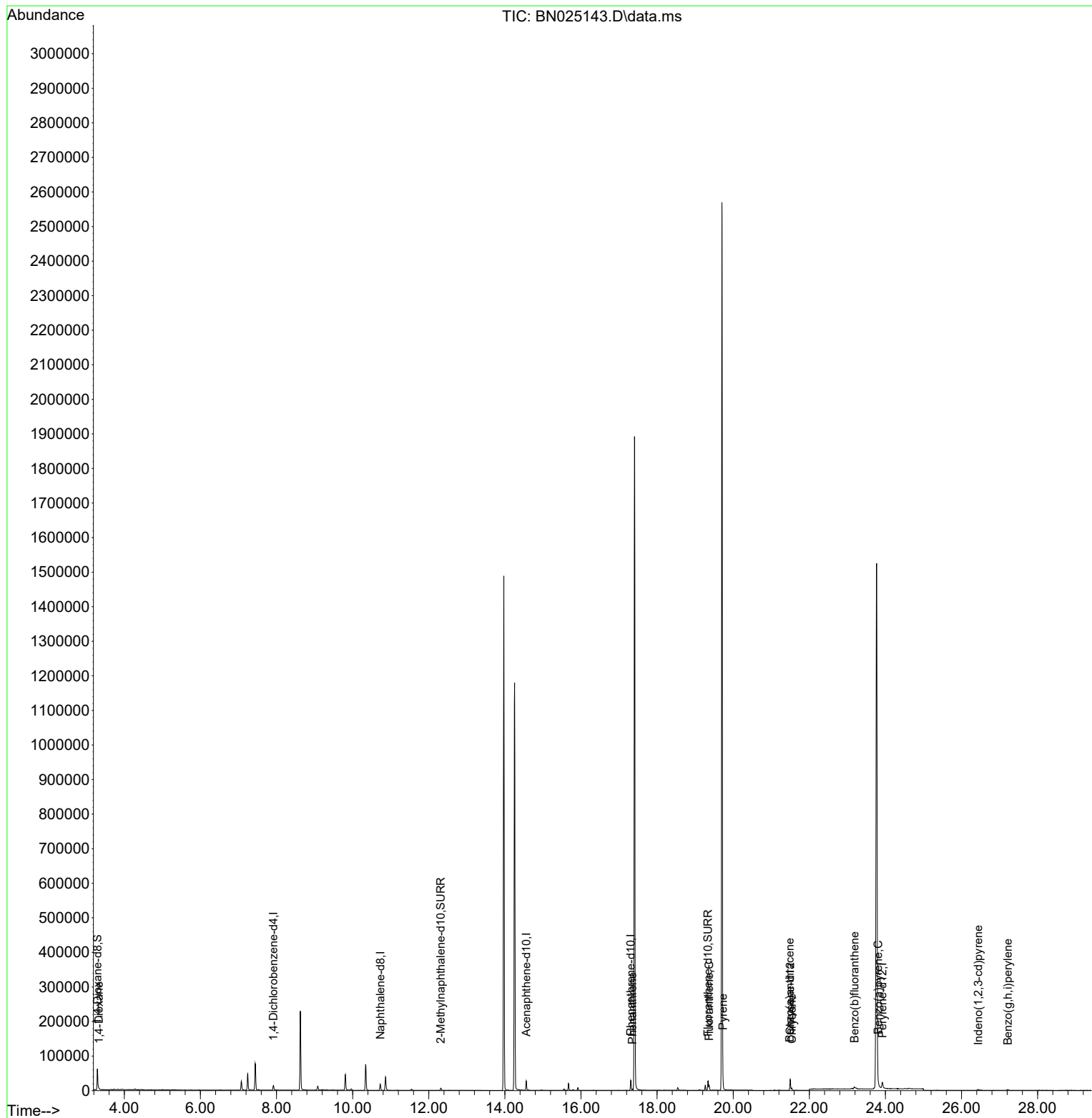
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.917  | 152  | 7071     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.726 | 136  | 22928    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.561 | 164  | 14150    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.309 | 188  | 31792    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.500 | 240  | 26897    | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.920 | 264  | 26984    | 0.400 | ng/ul  | #-0.03   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.293  | 96   | 35741    | 4.882 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.315 | 152  | 8773     | 0.298 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.340 | 212  | 27848    | 0.393 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.335  | 88   | 576      | 0.073 | ng/ul# | 46       |
| 15) Phenanthrene            | 17.351 | 178  | 3891     | 0.043 | ng/ul# | 91       |
| 19) Fluoranthene            | 19.368 | 202  | 12086    | 0.124 | ng/ul  | 97       |
| 20) Pyrene                  | 19.730 | 202  | 14718    | 0.147 | ng/ul# | 92       |
| 21) Benzo(a)anthracene      | 21.485 | 228  | 4463     | 0.055 | ng/ul# | 92       |
| 22) Chrysene                | 21.538 | 228  | 6875     | 0.078 | ng/ul  | 94       |
| 24) Benzo(b)fluoranthene    | 23.186 | 252  | 12794    | 0.117 | ng/ul  | 68       |
| 26) Benzo(a)pyrene          | 23.809 | 252  | 5068     | 0.056 | ng/ul# | 49       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.437 | 276  | 4239     | 0.041 | ng/ul# | 91       |
| 29) Benzo(g,h,i)perylene    | 27.218 | 276  | 4182     | 0.047 | ng/ul# | 86       |
| -----                       |        |      |          |       |        |          |

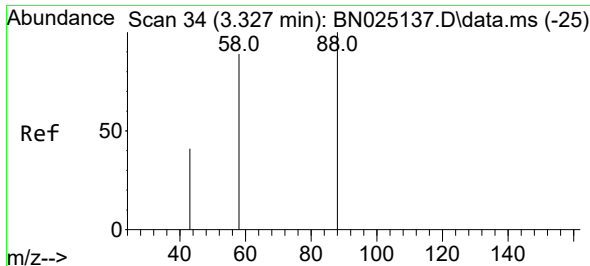
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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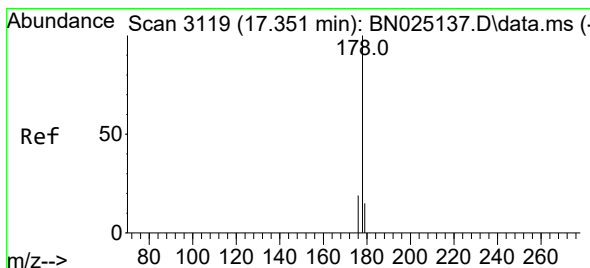
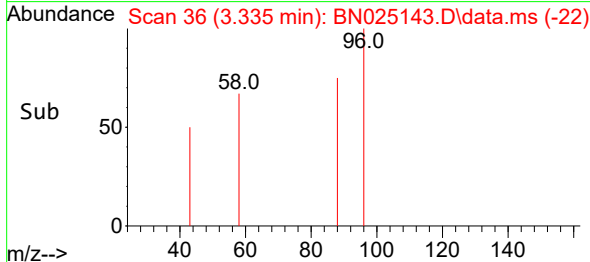
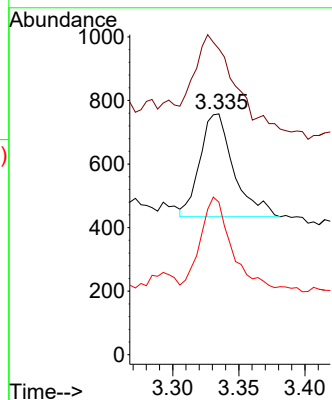
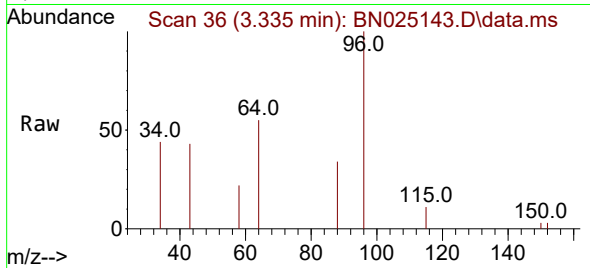




#2  
1,4-Dioxane  
Concen: 0.073 ng/ul  
RT: 3.335 min Scan# 3119  
Delta R.T. 0.008 min  
Lab File: BN025143.D  
Acq: 26 Apr 2023 13:19

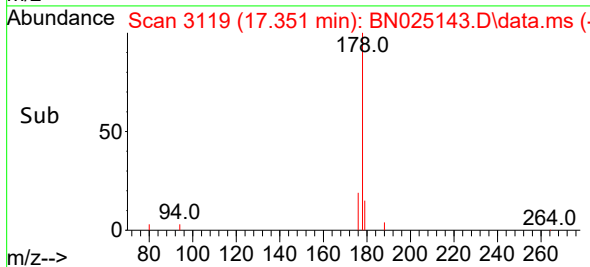
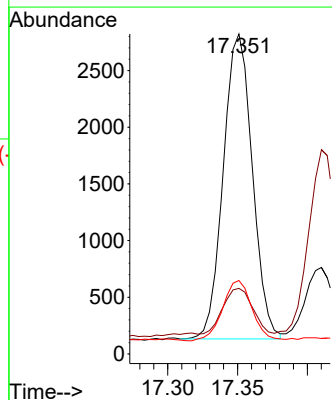
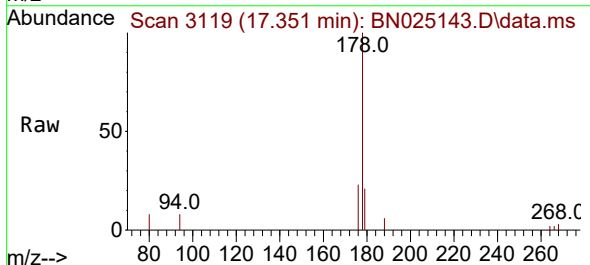
Instrument :  
BNA\_N  
ClientSampleId :  
CB9D1

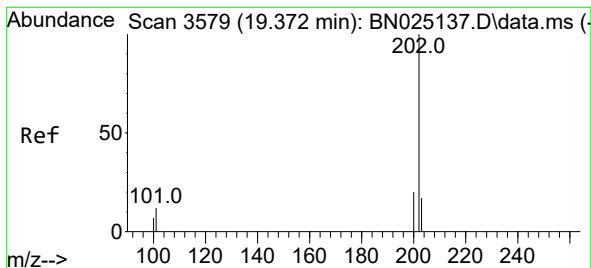
Tgt Ion: 88 Resp: 576  
Ion Ratio Lower Upper  
88 100  
43 126.9 37.0 55.4#  
58 63.3 56.9 85.3



#15  
Phenanthrene  
Concen: 0.043 ng/ul  
RT: 17.351 min Scan# 3119  
Delta R.T. 0.000 min  
Lab File: BN025143.D  
Acq: 26 Apr 2023 13:19

Tgt Ion: 178 Resp: 3891  
Ion Ratio Lower Upper  
178 100  
179 20.5 12.5 18.7#  
176 22.9 15.6 23.4





#19

Fluoranthene

Concen: 0.124 ng/ul

RT: 19.368 min Scan# 3578

Delta R.T. -0.004 min

Lab File: BN025143.D

Acq: 26 Apr 2023 13:19

Instrument :

BNA\_N

ClientSampleId :

CB9D1

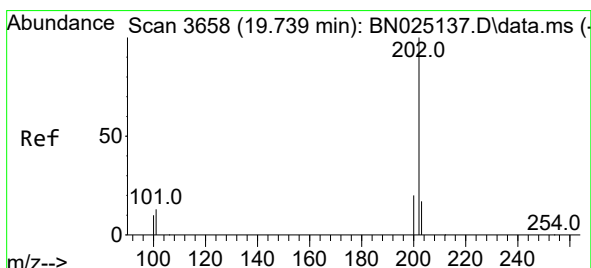
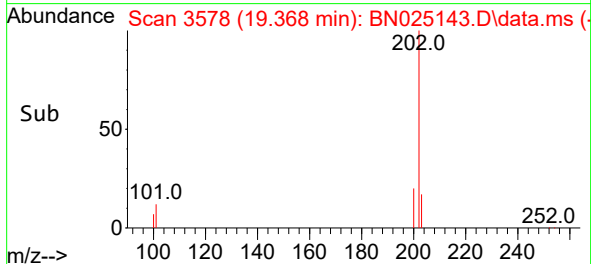
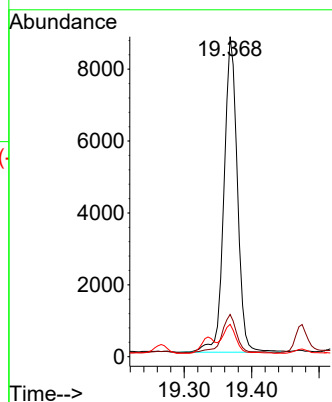
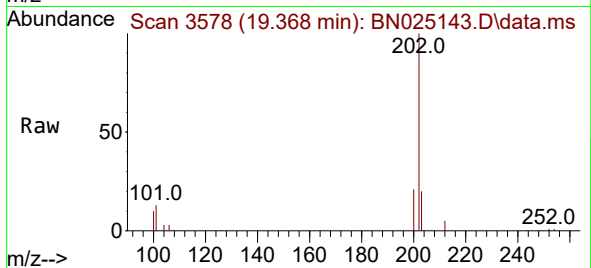
Tgt Ion:202 Resp: 12086

Ion Ratio Lower Upper

202 100

101 13.2 9.7 14.5

100 10.1 7.3 10.9



#20

Pyrene

Concen: 0.147 ng/ul

RT: 19.730 min Scan# 3656

Delta R.T. -0.009 min

Lab File: BN025143.D

Acq: 26 Apr 2023 13:19

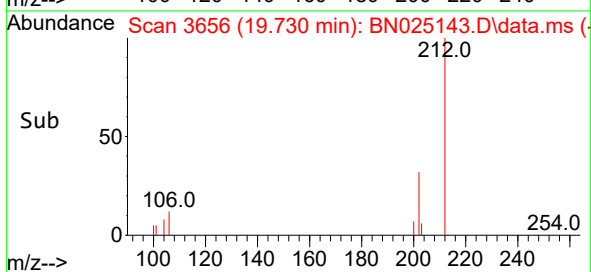
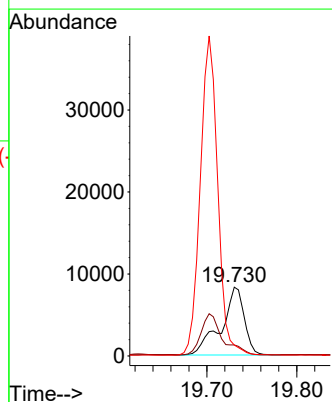
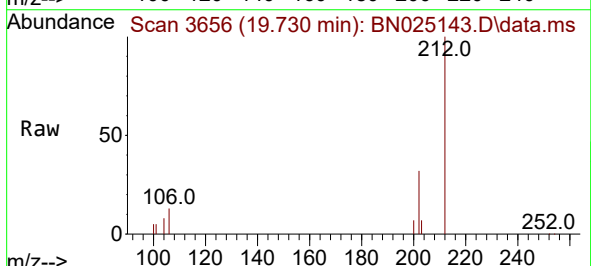
Tgt Ion:202 Resp: 14718

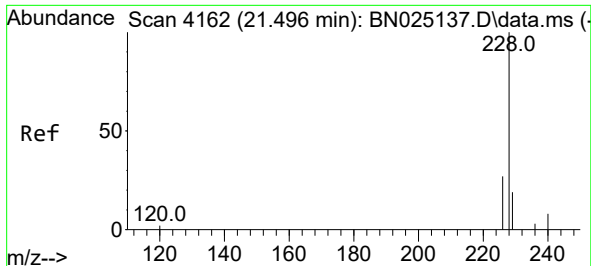
Ion Ratio Lower Upper

202 100

101 16.1 11.3 16.9

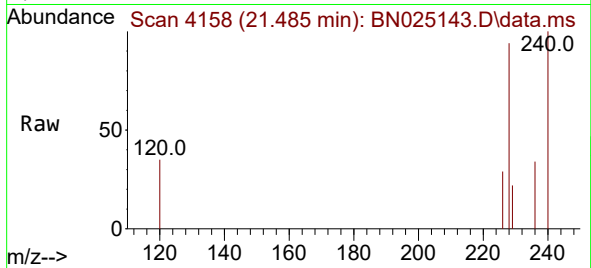
100 15.9 9.2 13.8#



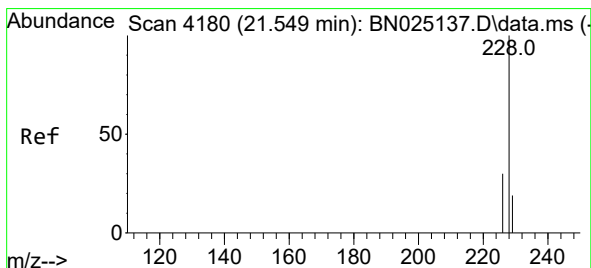
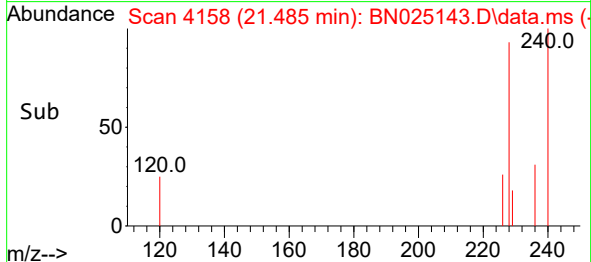
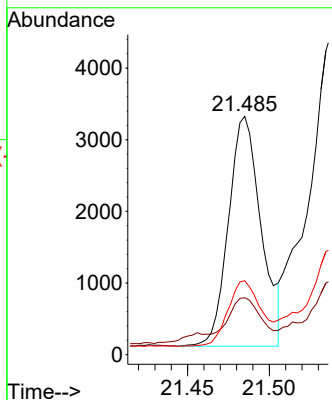


#21  
Benzo(a)anthracene  
Concen: 0.055 ng/ul  
RT: 21.485 min Scan# 4162  
Delta R.T. -0.011 min  
Lab File: BN025143.D  
Acq: 26 Apr 2023 13:19

Instrument :  
BNA\_N  
ClientSampleId :  
CB9D1

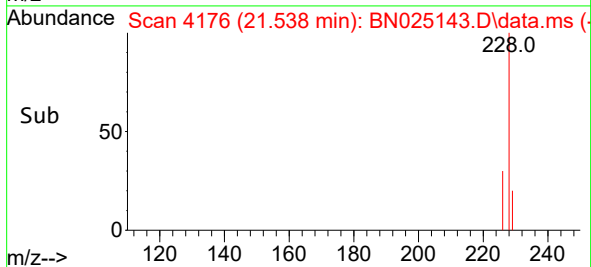
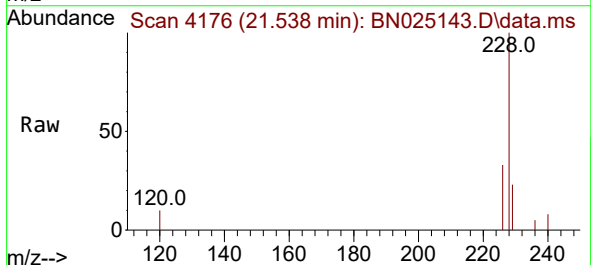
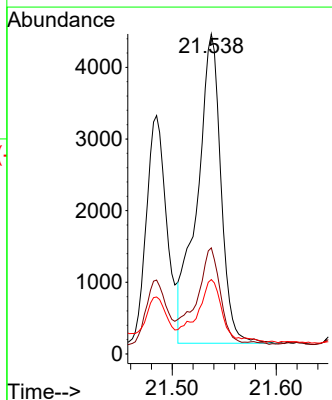


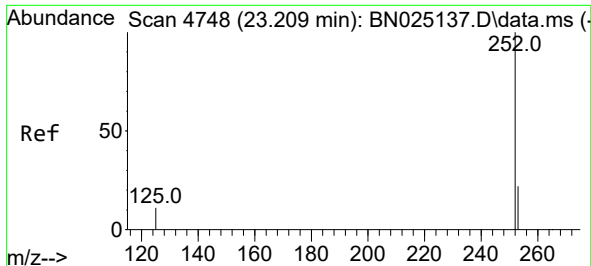
Tgt Ion:228 Resp: 4463  
Ion Ratio Lower Upper  
228 100  
229 23.9 15.6 23.4#  
226 31.0 22.1 33.1



#22  
Chrysene  
Concen: 0.078 ng/ul  
RT: 21.538 min Scan# 4176  
Delta R.T. -0.011 min  
Lab File: BN025143.D  
Acq: 26 Apr 2023 13:19

Tgt Ion:228 Resp: 6875  
Ion Ratio Lower Upper  
228 100  
226 33.2 24.5 36.7  
229 23.2 15.8 23.6

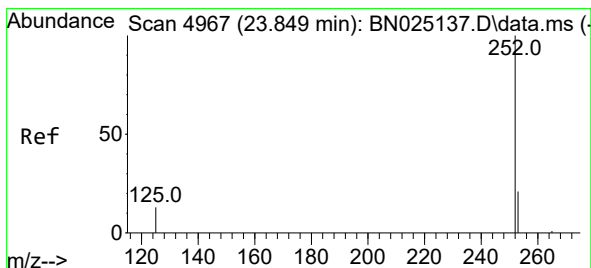
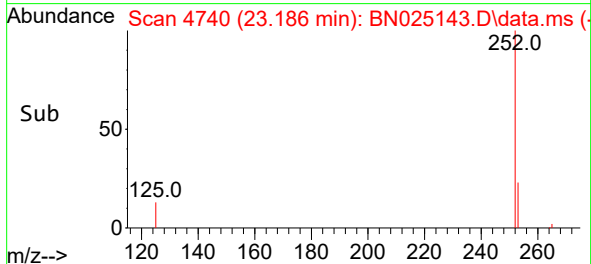
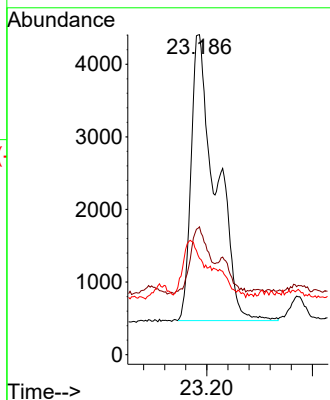
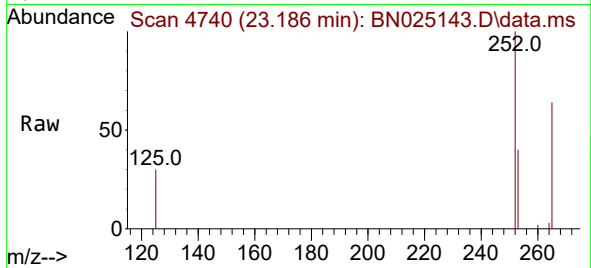




#24  
Benzo(b)fluoranthene  
Concen: 0.117 ng/ul  
RT: 23.186 min Scan# 4740  
Delta R.T. -0.023 min  
Lab File: BN025143.D  
Acq: 26 Apr 2023 13:19

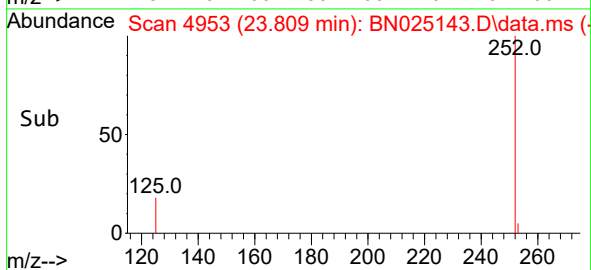
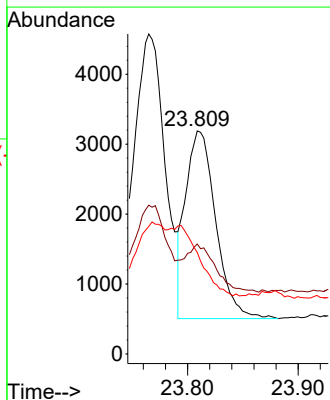
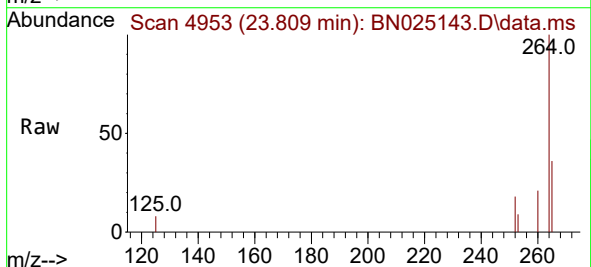
Instrument :  
BNA\_N  
ClientSampleId :  
CB9D1

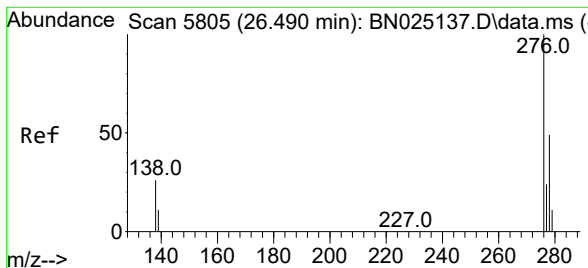
Tgt Ion:252 Resp: 12794  
Ion Ratio Lower Upper  
252 100  
253 40.0 0.0 50.2  
125 30.1 0.0 30.4



#26  
Benzo(a)pyrene  
Concen: 0.056 ng/ul  
RT: 23.809 min Scan# 4953  
Delta R.T. -0.040 min  
Lab File: BN025143.D  
Acq: 26 Apr 2023 13:19

Tgt Ion:252 Resp: 5068  
Ion Ratio Lower Upper  
252 100  
253 49.3 21.4 32.2#  
125 45.6 14.6 22.0#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.041 ng/ul

RT: 26.437 min Scan# 51

Delta R.T. -0.053 min

Lab File: BN025143.D

Acq: 26 Apr 2023 13:19

Instrument :

BNA\_N

ClientSampleId :

CB9D1

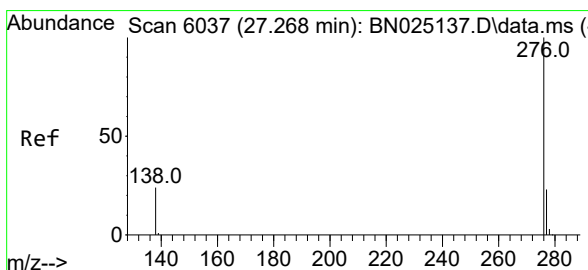
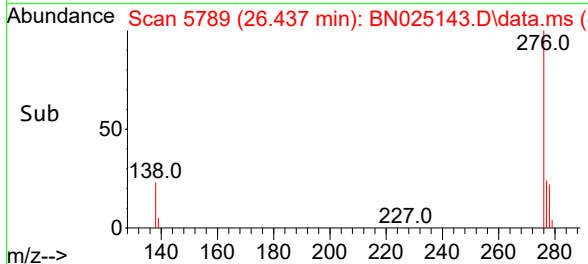
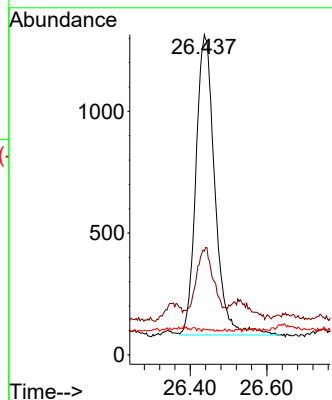
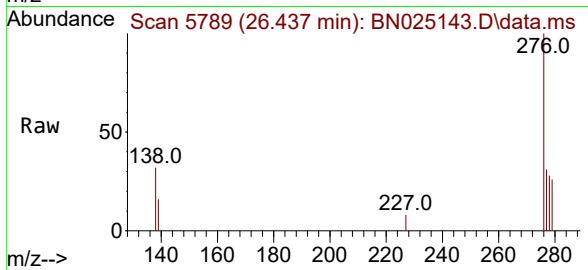
Tgt Ion:276 Resp: 4239

Ion Ratio Lower Upper

276 100

138 22.9 21.9 32.9

227 0.3 0.1 0.1#



#29

Benzo(g,h,i)perylene

Concen: 0.047 ng/ul

RT: 27.218 min Scan# 6022

Delta R.T. -0.050 min

Lab File: BN025143.D

Acq: 26 Apr 2023 13:19

Tgt Ion:276 Resp: 4182

Ion Ratio Lower Upper

276 100

138 32.7 20.3 30.5#

277 31.7 19.8 29.6#

