

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082123\  
 Data File : BN027008.D  
 Acq On : 22 Aug 2023 01:13  
 Operator : MA/JU  
 Sample : 03967-20  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A48M8

Quant Time: Aug 22 01:42:02 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN080323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 18 13:11:26 2023  
 Response via : Initial Calibration

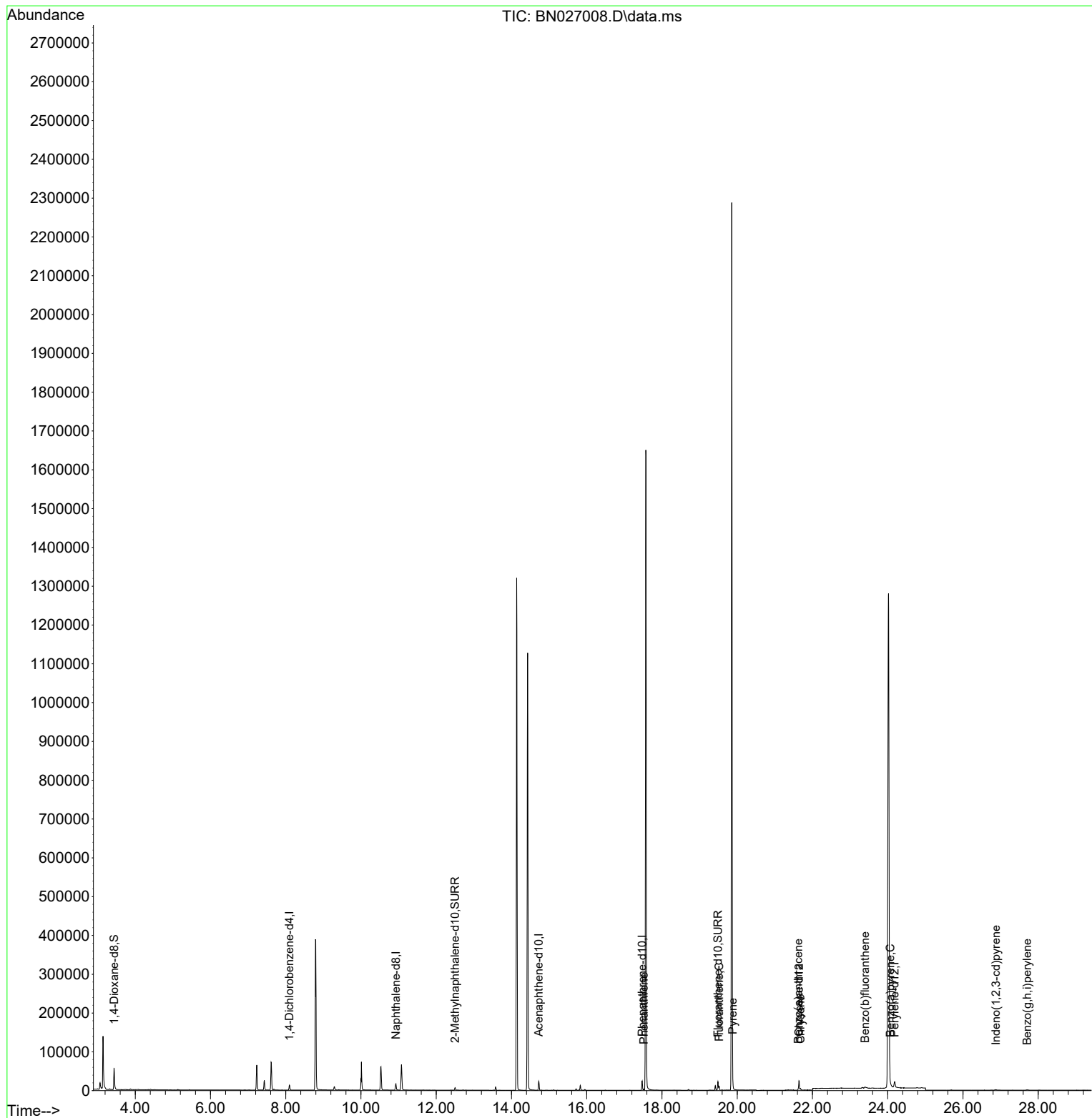
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.097  | 152  | 6464     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.927 | 136  | 22017    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.726 | 164  | 12741    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.472 | 188  | 28364    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.641 | 240  | 22609    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.182 | 264  | 24148    | 0.400 | ng/ul  | #-0.01   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.439  | 96   | 39990    | 5.211 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.500 | 152  | 8741     | 0.270 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.487 | 212  | 23847    | 0.334 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.515 | 178  | 3413     | 0.037 | ng/ul# | 92       |
| 19) Fluoranthene            | 19.520 | 202  | 9165     | 0.098 | ng/ul  | 97       |
| 20) Pyrene                  | 19.882 | 202  | 8406     | 0.084 | ng/ul# | 94       |
| 21) Benzo(a)anthracene      | 21.624 | 228  | 4277     | 0.048 | ng/ul# | 91       |
| 22) Chrysene                | 21.679 | 228  | 4043     | 0.046 | ng/ul# | 93       |
| 24) Benzo(b)fluoranthene    | 23.395 | 252  | 8116     | 0.089 | ng/ul# | 40       |
| 26) Benzo(a)pyrene          | 24.071 | 252  | 3649     | 0.044 | ng/ul# | 31       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.874 | 276  | 2533     | 0.023 | ng/ul# | 92       |
| 29) Benzo(g,h,i)perylene    | 27.706 | 276  | 2540     | 0.028 | ng/ul# | 58       |
| -----                       |        |      |          |       |        |          |

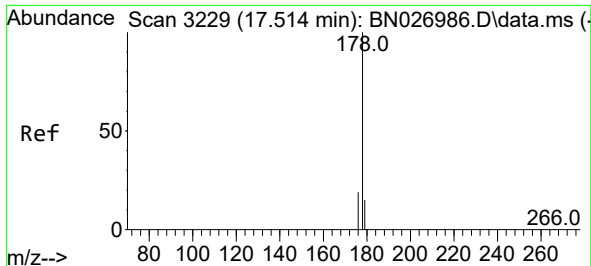
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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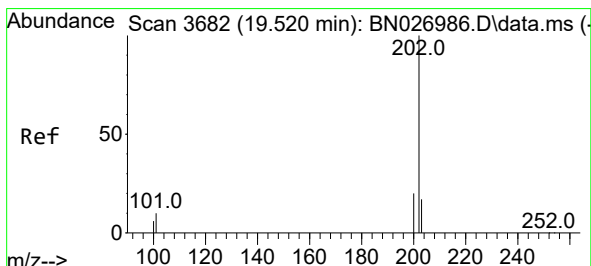
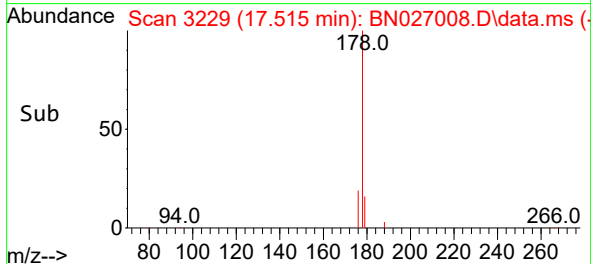
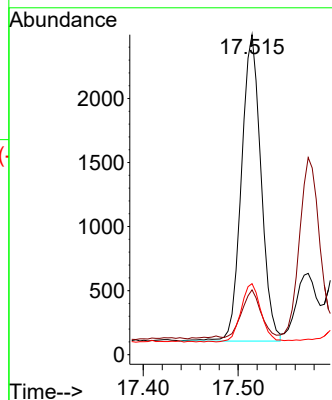
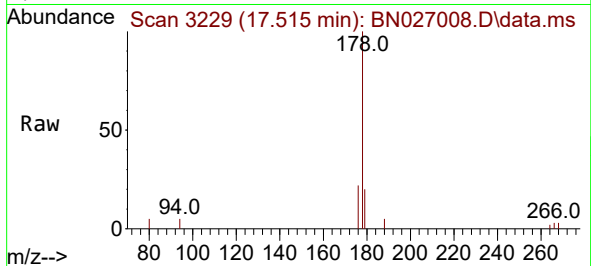




#15  
Phenanthrene  
Concen: 0.037 ng/ul  
RT: 17.515 min Scan# 31  
Delta R.T. -0.004 min  
Lab File: BN027008.D  
Acq: 22 Aug 2023 01:13

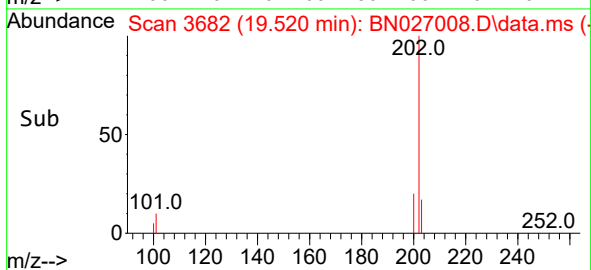
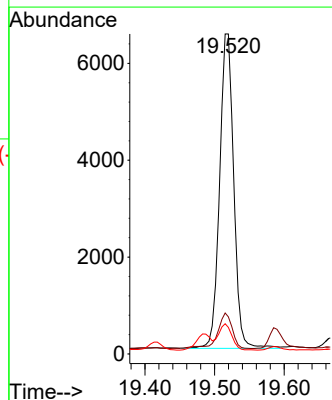
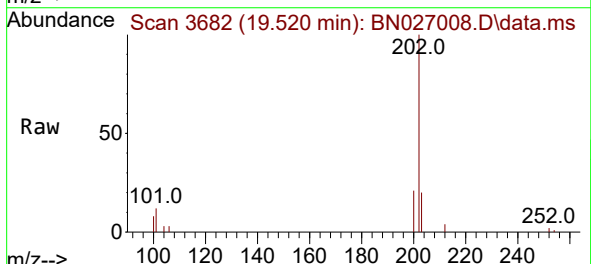
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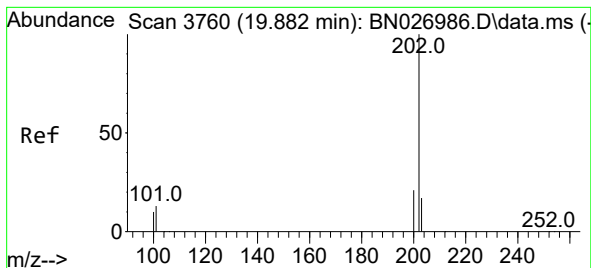
Tgt Ion:178 Resp: 3413  
Ion Ratio Lower Upper  
178 100  
179 20.3 12.6 18.8#  
176 22.2 15.4 23.2



#19  
Fluoranthene  
Concen: 0.098 ng/ul  
RT: 19.520 min Scan# 3682  
Delta R.T. -0.005 min  
Lab File: BN027008.D  
Acq: 22 Aug 2023 01:13

Tgt Ion:202 Resp: 9165  
Ion Ratio Lower Upper  
202 100  
101 11.6 8.3 12.5  
100 8.3 6.2 9.2





#20

Pyrene

Concen: 0.084 ng/ul

RT: 19.882 min Scan# 31

Delta R.T. -0.005 min

Lab File: BN027008.D

Acq: 22 Aug 2023 01:13

Instrument :

BNA\_N

ClientSampleId :

A48M8

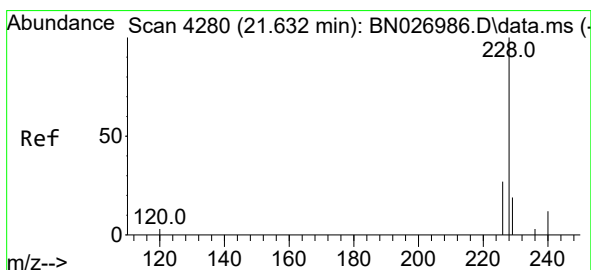
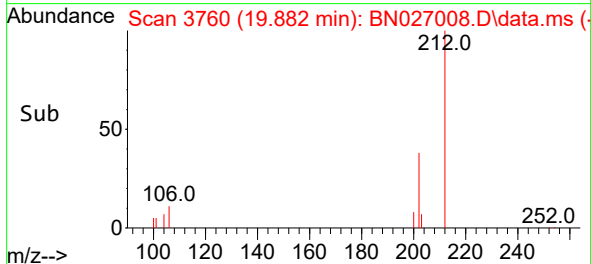
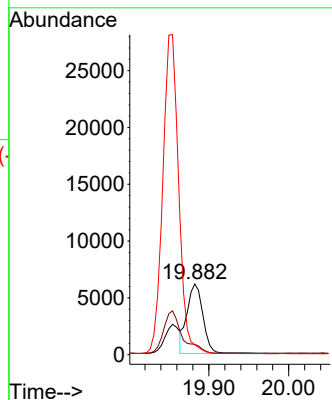
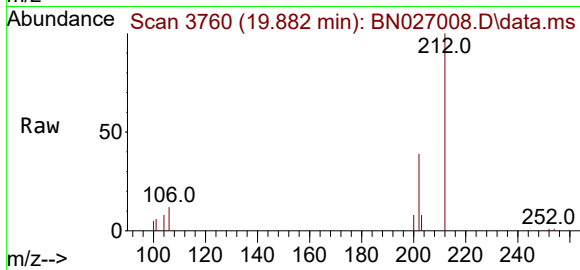
Tgt Ion:202 Resp: 8406

Ion Ratio Lower Upper

202 100

101 14.5 10.7 16.1

100 14.1 8.5 12.7#



#21

Benzo(a)anthracene

Concen: 0.048 ng/ul

RT: 21.624 min Scan# 4277

Delta R.T. -0.009 min

Lab File: BN027008.D

Acq: 22 Aug 2023 01:13

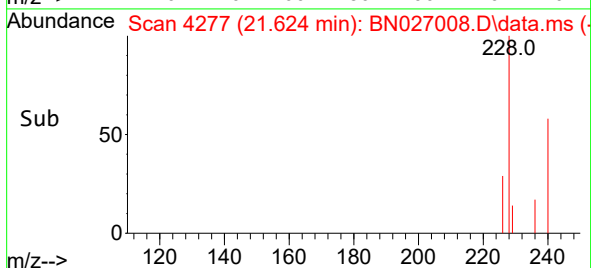
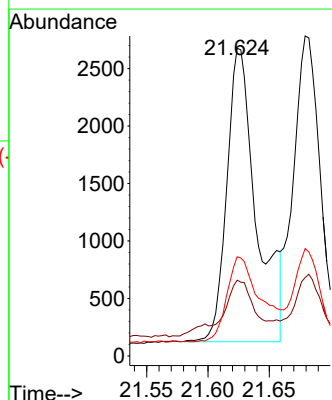
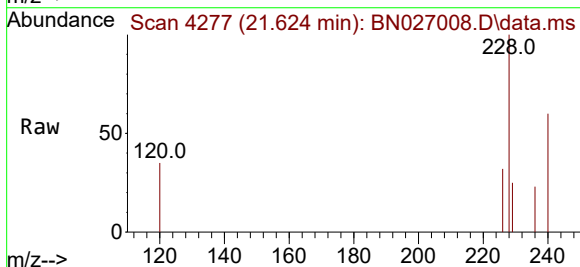
Tgt Ion:228 Resp: 4277

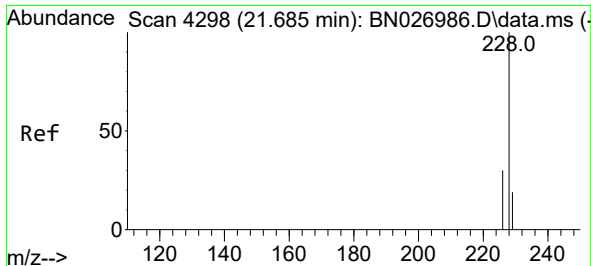
Ion Ratio Lower Upper

228 100

229 24.6 16.0 24.0#

226 32.2 22.2 33.2





#22

Chrysene

Concen: 0.046 ng/ul

RT: 21.679 min Scan# 41

Delta R.T. -0.012 min

Lab File: BN027008.D

Acq: 22 Aug 2023 01:13

Instrument :

BNA\_N

ClientSampleId :

A48M8

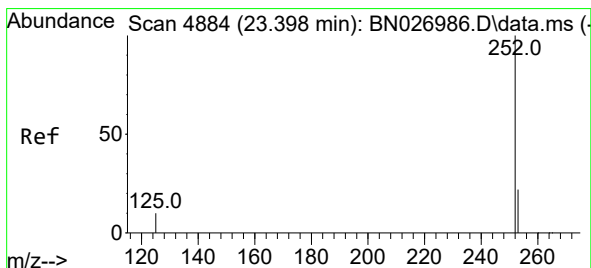
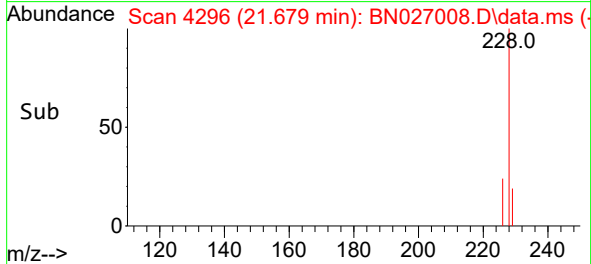
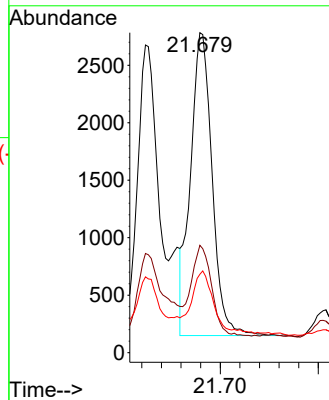
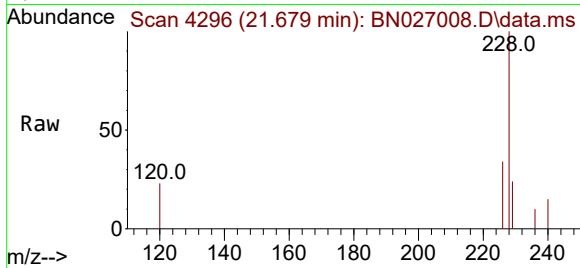
Tgt Ion:228 Resp: 4043

Ion Ratio Lower Upper

228 100

226 33.5 24.6 36.8

229 24.5 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.089 ng/ul

RT: 23.395 min Scan# 4883

Delta R.T. -0.012 min

Lab File: BN027008.D

Acq: 22 Aug 2023 01:13

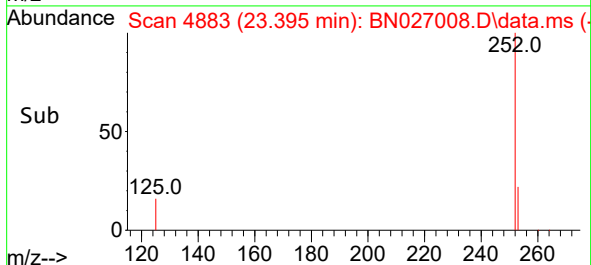
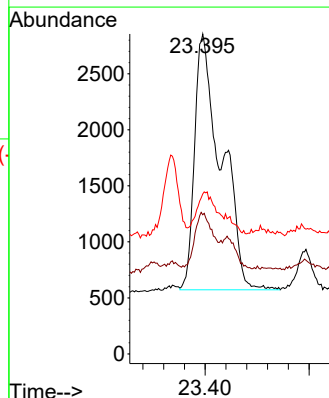
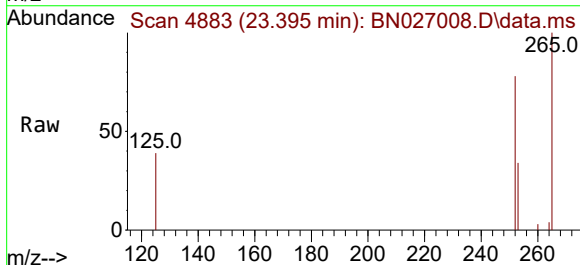
Tgt Ion:252 Resp: 8116

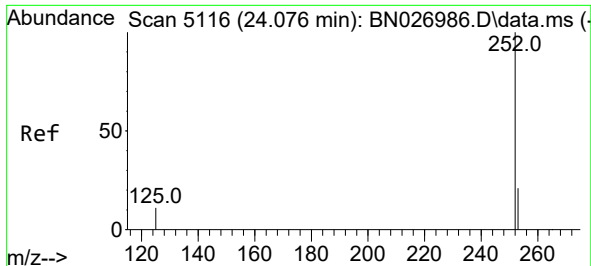
Ion Ratio Lower Upper

252 100

253 43.5 0.0 46.8

125 50.0 0.0 25.2#

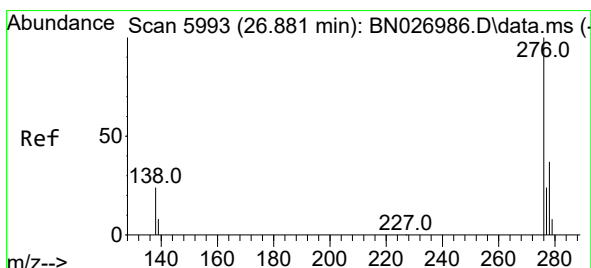
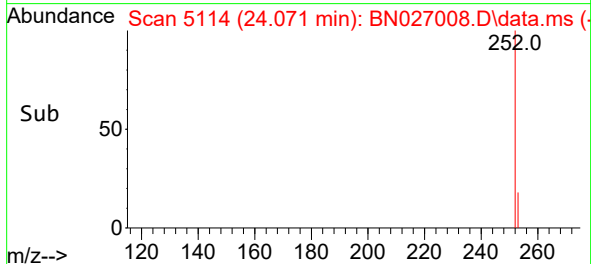
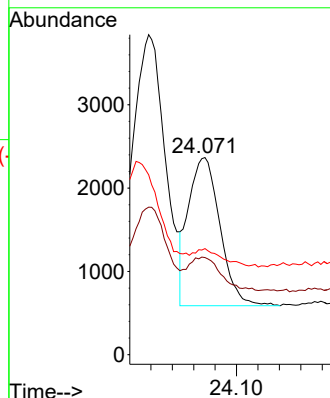
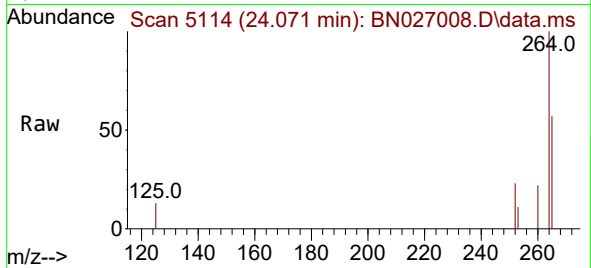




#26  
Benzo(a)pyrene  
Concen: 0.044 ng/ul  
RT: 24.071 min Scan# 5116  
Delta R.T. -0.015 min  
Lab File: BN027008.D  
Acq: 22 Aug 2023 01:13

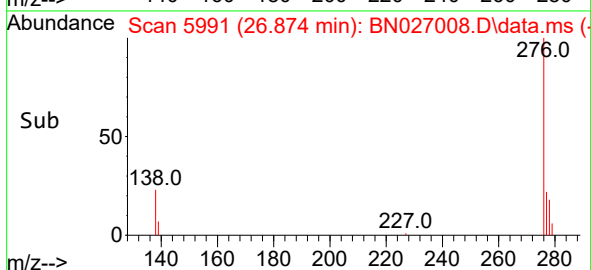
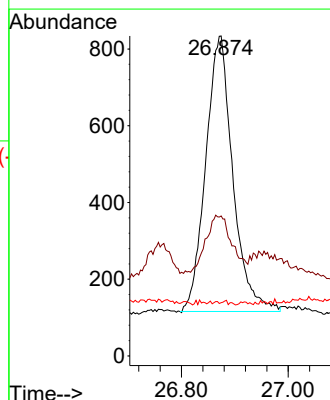
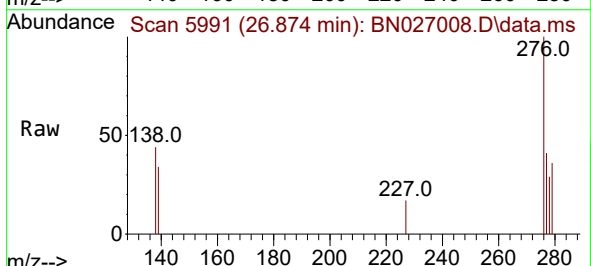
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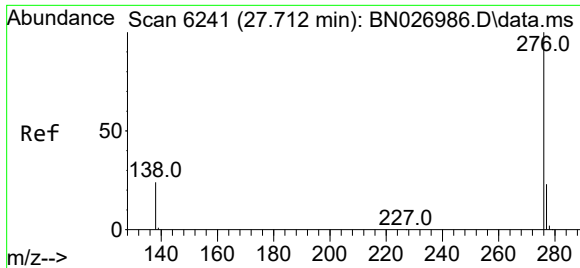
Tgt Ion:252 Resp: 3649  
Ion Ratio Lower Upper  
252 100  
253 49.3 19.0 28.6#  
125 53.8 11.4 17.0#



#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.023 ng/ul  
RT: 26.874 min Scan# 5991  
Delta R.T. -0.011 min  
Lab File: BN027008.D  
Acq: 22 Aug 2023 01:13

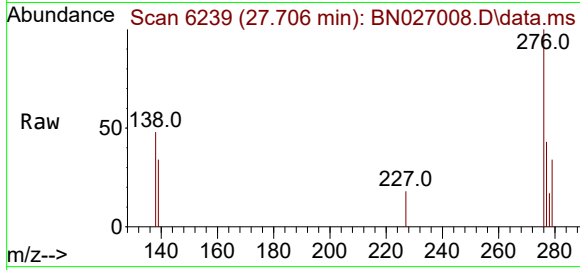
Tgt Ion:276 Resp: 2533  
Ion Ratio Lower Upper  
276 100  
138 22.9 21.6 32.4  
227 0.1 0.0 0.0#





#29  
Benzo(g,h,i)perylene  
Concen: 0.028 ng/ul  
RT: 27.706 min Scan# 61  
Delta R.T. -0.017 min  
Lab File: BN027008.D  
Acq: 22 Aug 2023 01:13

Instrument :  
BNA\_N  
ClientSampleId :  
A48M8



Tgt Ion:276 Resp: 2540  
Ion Ratio Lower Upper  
276 100  
138 47.7 19.3 28.9#  
277 42.8 19.8 29.8#

