

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122422\  
 Data File : BN023435.D  
 Acq On : 25 Dec 2022 06:23  
 Operator : CG/JU  
 Sample : N6017-06  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Dec 26 01:21:52 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Dec 25 05:17:59 2022  
 Response via : Initial Calibration

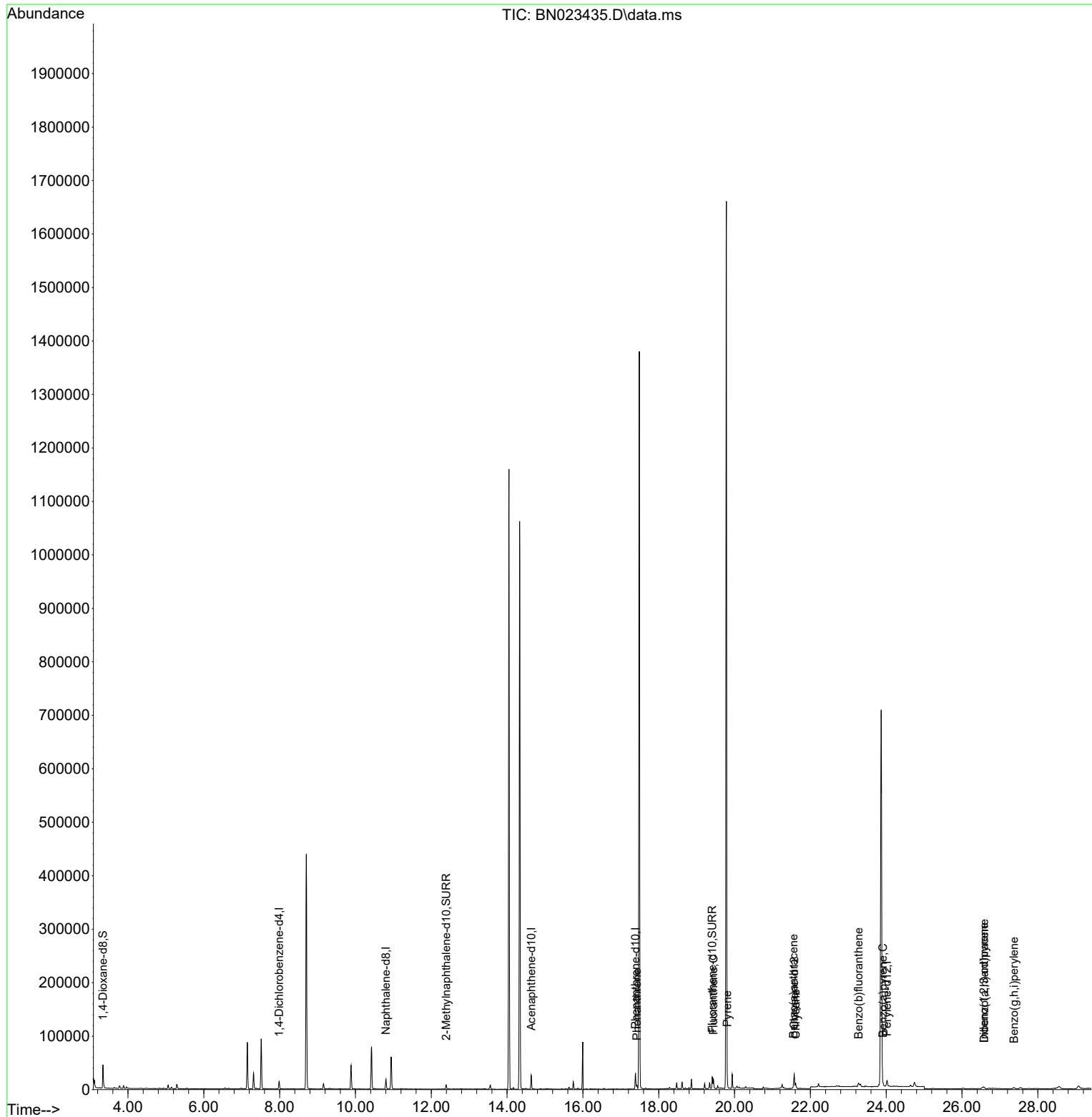
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.989  | 152  | 7023     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.804 | 136  | 23206    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.637 | 164  | 13790    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.387 | 188  | 30835    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.573 | 240  | 21613    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.022 | 264  | 15915    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.340  | 96   | 29058    | 3.808 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.393 | 152  | 9872     | 0.275 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.412 | 212  | 22504    | 0.288 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.425 | 178  | 5583     | 0.056 | ng/ul# | 52       |
| 19) Fluoranthene            | 19.444 | 202  | 14433    | 0.138 | ng/ul# | 86       |
| 20) Pyrene                  | 19.807 | 202  | 13404    | 0.127 | ng/ul  | 94       |
| 21) Benzo(a)anthracene      | 21.555 | 228  | 6370     | 0.076 | ng/ul# | 83       |
| 22) Chrysene                | 21.611 | 228  | 7311     | 0.085 | ng/ul# | 74       |
| 24) Benzo(b)fluoranthene    | 23.274 | 252  | 13422    | 0.163 | ng/ul# | 59       |
| 26) Benzo(a)pyrene          | 23.914 | 252  | 5959     | 0.091 | ng/ul# | 59       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.578 | 276  | 5037     | 0.066 | ng/ul# | 45       |
| 28) Dibenzo(a,h)anthracene  | 26.588 | 278  | 1311     | 0.022 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 27.369 | 276  | 4986     | 0.080 | ng/ul# | 69       |
| -----                       |        |      |          |       |        |          |

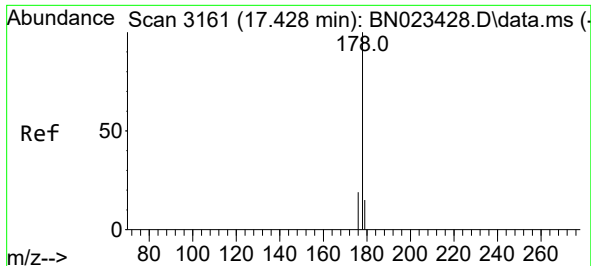
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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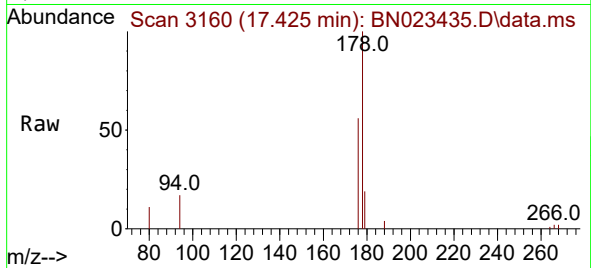
Quant Time: Dec 26 01:21:52 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Dec 25 05:17:59 2022  
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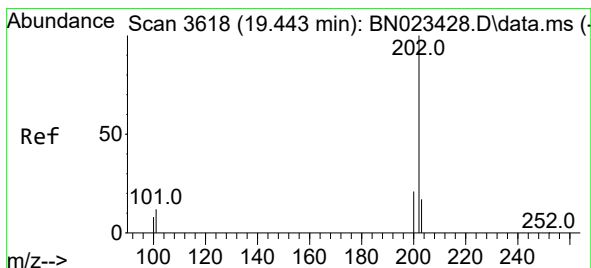
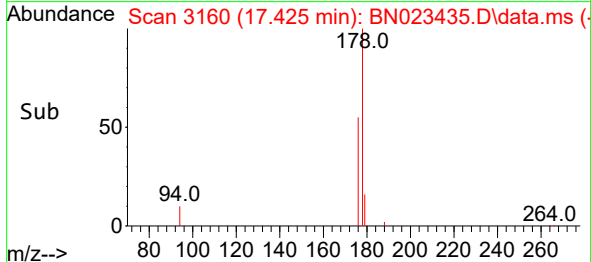
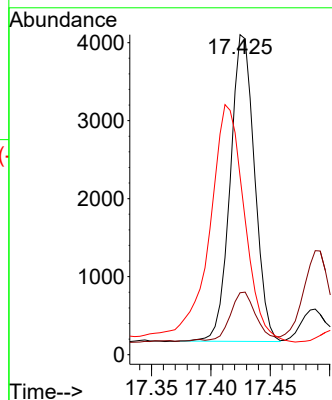


#15  
Phenanthrene  
Concen: 0.056 ng/ul  
RT: 17.425 min Scan# 3160  
Delta R.T. -0.003 min  
Lab File: BN023435.D  
Acq: 25 Dec 2022 06:23

Instrument :  
BNA\_N  
ClientSampleId :

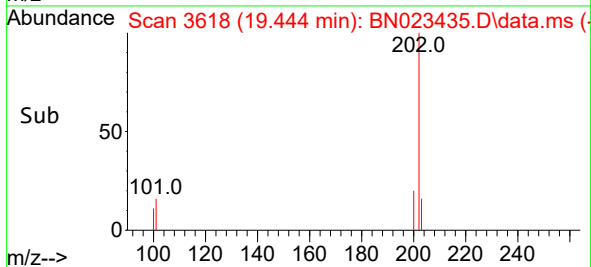
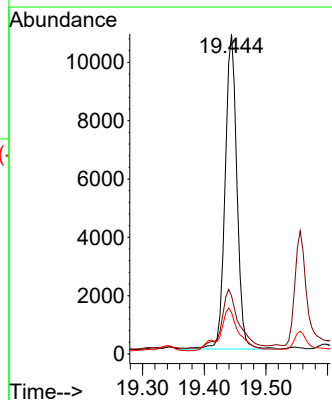
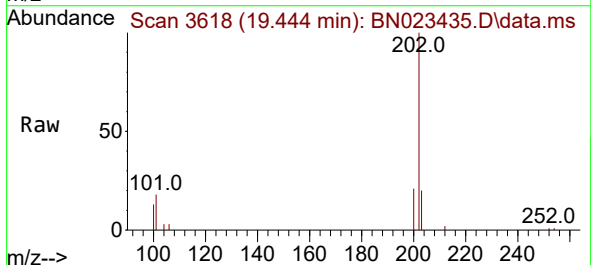


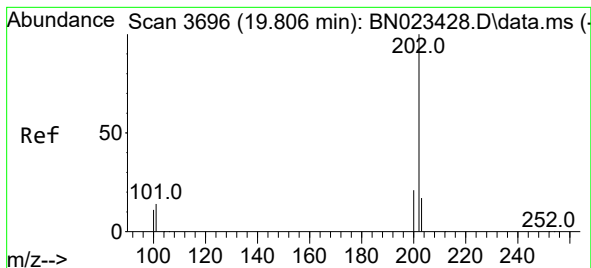
Tgt Ion:178 Resp: 5583  
Ion Ratio Lower Upper  
178 100  
179 19.3 12.5 18.7#  
176 55.8 15.7 23.5#



#19  
Fluoranthene  
Concen: 0.138 ng/ul  
RT: 19.444 min Scan# 3618  
Delta R.T. 0.001 min  
Lab File: BN023435.D  
Acq: 25 Dec 2022 06:23

Tgt Ion:202 Resp: 14433  
Ion Ratio Lower Upper  
202 100  
101 18.1 9.4 14.2#  
100 12.9 7.0 10.6#





#20

Pyrene

Concen: 0.127 ng/ul

RT: 19.807 min Scan# 3696

Delta R.T. 0.001 min

Lab File: BN023435.D

Acq: 25 Dec 2022 06:23

Instrument :

BNA\_N

ClientSampleId :

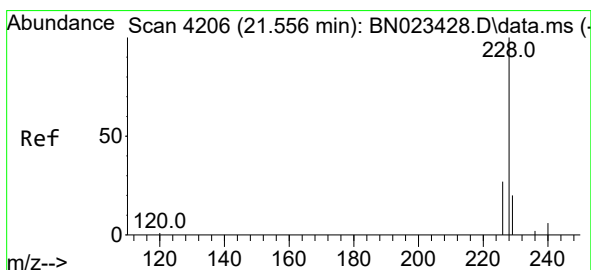
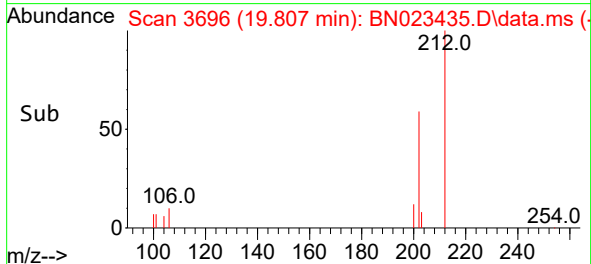
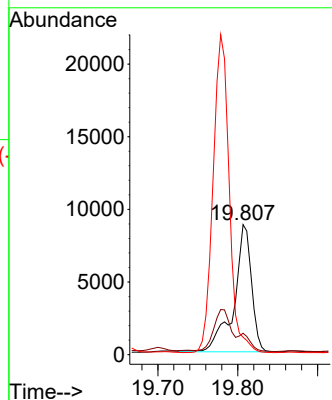
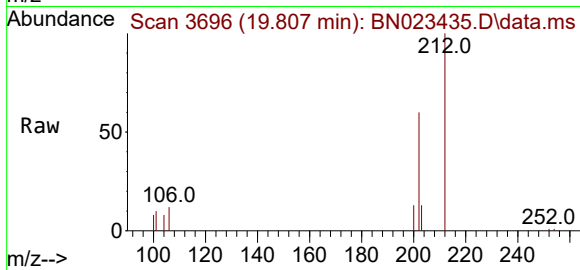
Tgt Ion:202 Resp: 13404

Ion Ratio Lower Upper

202 100

101 16.5 11.3 16.9

100 13.4 9.0 13.4



#21

Benzo(a)anthracene

Concen: 0.076 ng/ul

RT: 21.555 min Scan# 4206

Delta R.T. -0.001 min

Lab File: BN023435.D

Acq: 25 Dec 2022 06:23

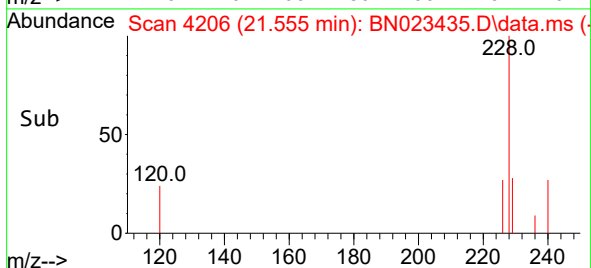
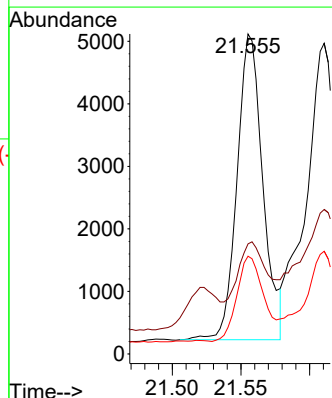
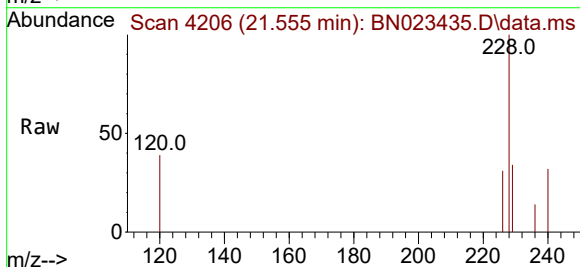
Tgt Ion:228 Resp: 6370

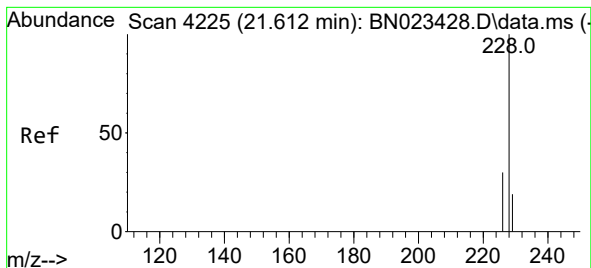
Ion Ratio Lower Upper

228 100

229 34.4 15.6 23.4#

226 30.5 22.2 33.2





#22

Chrysene

Concen: 0.085 ng/ul

RT: 21.611 min Scan# 41

Delta R.T. -0.001 min

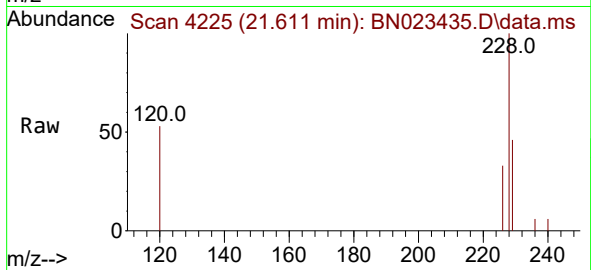
Lab File: BN023435.D

Acq: 25 Dec 2022 06:23

Instrument :

BNA\_N

ClientSampleId :



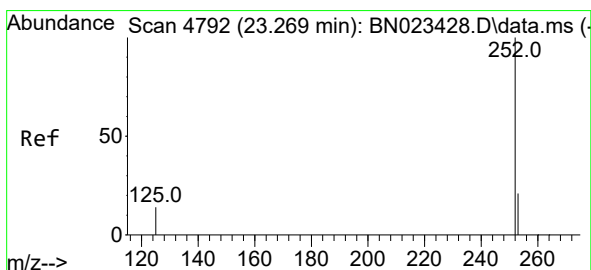
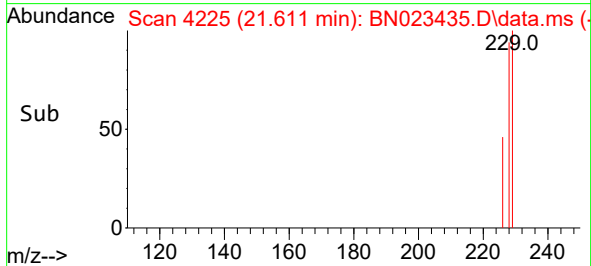
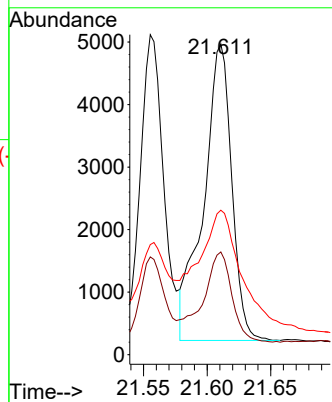
Tgt Ion:228 Resp: 7311

Ion Ratio Lower Upper

228 100

226 33.0 24.3 36.5

229 46.5 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.163 ng/ul

RT: 23.274 min Scan# 4794

Delta R.T. 0.005 min

Lab File: BN023435.D

Acq: 25 Dec 2022 06:23

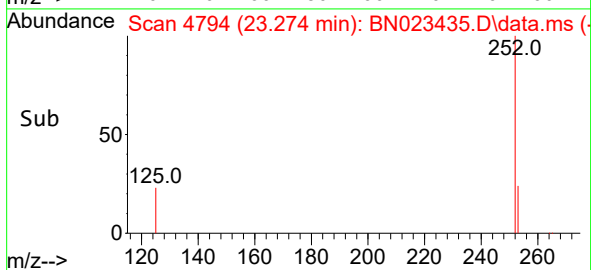
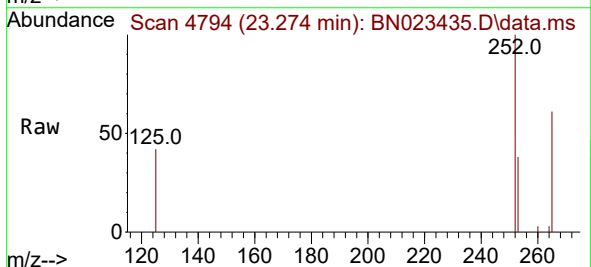
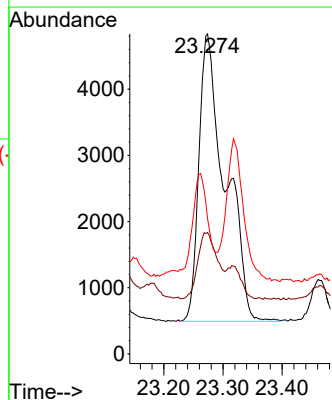
Tgt Ion:252 Resp: 13422

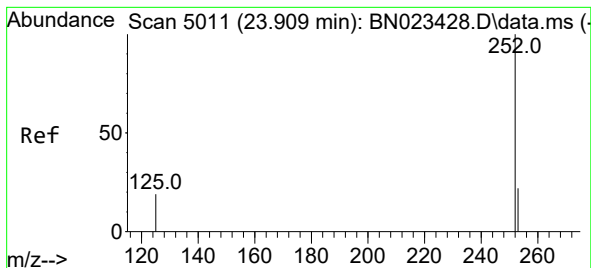
Ion Ratio Lower Upper

252 100

253 38.0 0.0 49.2

125 42.3 0.0 31.8#





#26

Benzo(a)pyrene

Concen: 0.091 ng/ul

RT: 23.914 min Scan# 5011

Delta R.T. 0.005 min

Lab File: BN023435.D

Acq: 25 Dec 2022 06:23

Instrument :

BNA\_N

ClientSampleId :

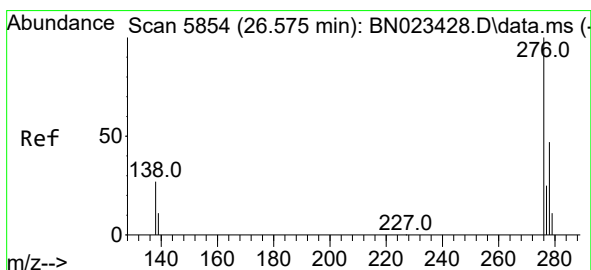
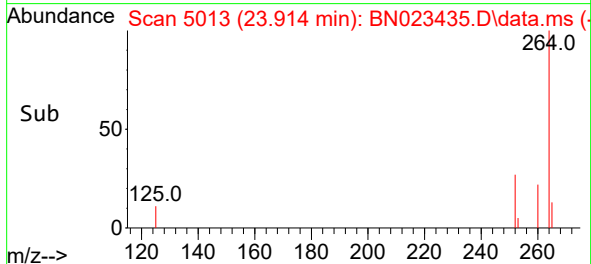
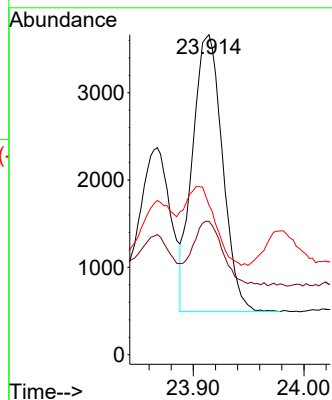
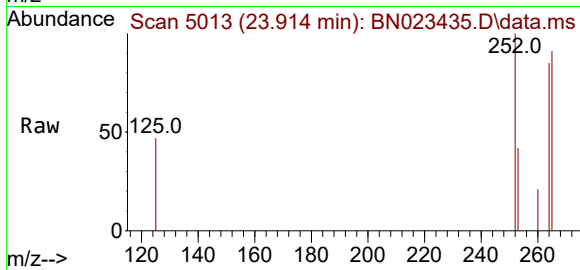
Tgt Ion:252 Resp: 5959

Ion Ratio Lower Upper

252 100

253 41.7 21.4 32.2#

125 46.8 16.2 24.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.066 ng/ul

RT: 26.578 min Scan# 5855

Delta R.T. 0.002 min

Lab File: BN023435.D

Acq: 25 Dec 2022 06:23

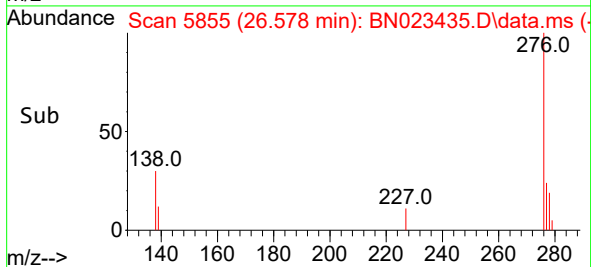
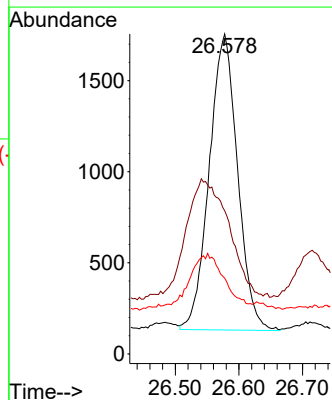
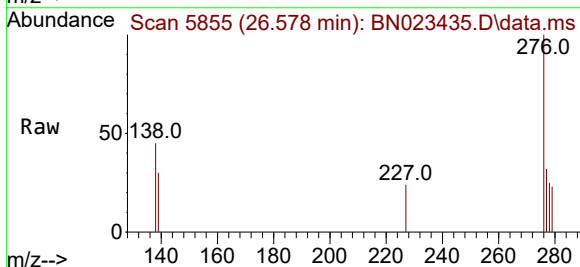
Tgt Ion:276 Resp: 5037

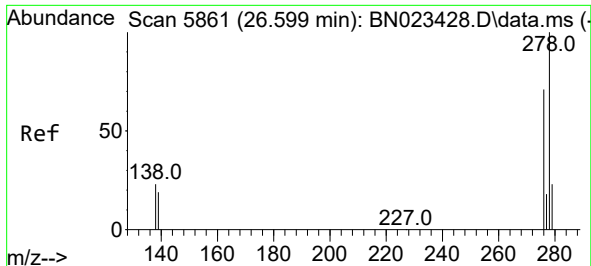
Ion Ratio Lower Upper

276 100

138 0.0 23.4 35.2#

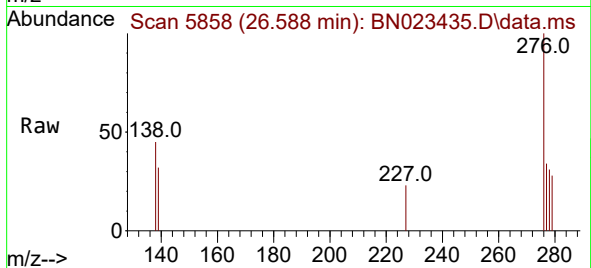
227 0.0 0.0 0.0



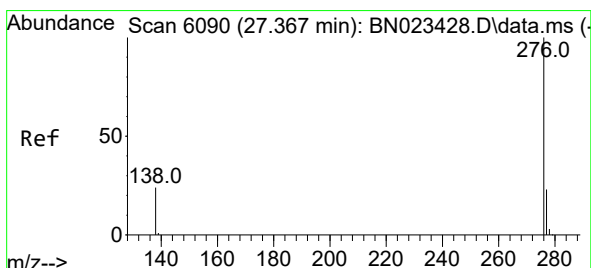
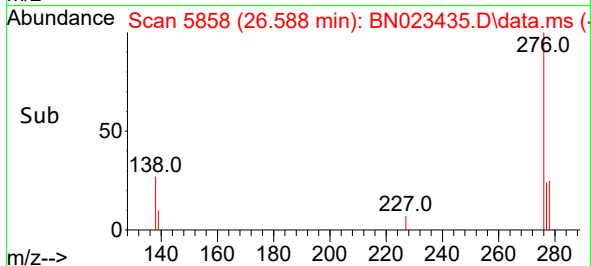
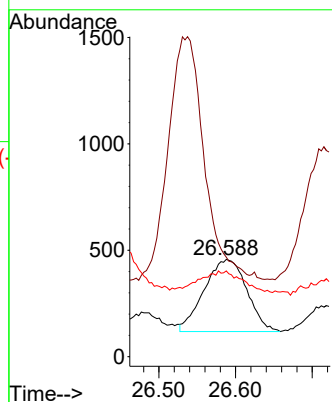


#28  
Dibenzo(a,h)anthracene  
Concen: 0.022 ng/ul  
RT: 26.588 min Scan# 5858  
Delta R.T. -0.011 min  
Lab File: BN023435.D  
Acq: 25 Dec 2022 06:23

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:278 Resp: 1311  
Ion Ratio Lower Upper  
278 100  
139 102.4 16.6 24.8#  
279 88.2 21.3 31.9#



#29  
Benzo(g,h,i)perylene  
Concen: 0.080 ng/ul  
RT: 27.369 min Scan# 6091  
Delta R.T. 0.002 min  
Lab File: BN023435.D  
Acq: 25 Dec 2022 06:23

Tgt Ion:276 Resp: 4986  
Ion Ratio Lower Upper  
276 100  
138 50.5 20.3 30.5#  
277 30.7 19.7 29.5#

