

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
 Data File : BM046268.D  
 Acq On : 25 Jun 2024 00:12  
 Operator : MA/JU  
 Sample : P2776-05DL 5X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4B93DL

Quant Time: Jun 25 02:28:26 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 24 02:25:34 2024  
 Response via : Initial Calibration

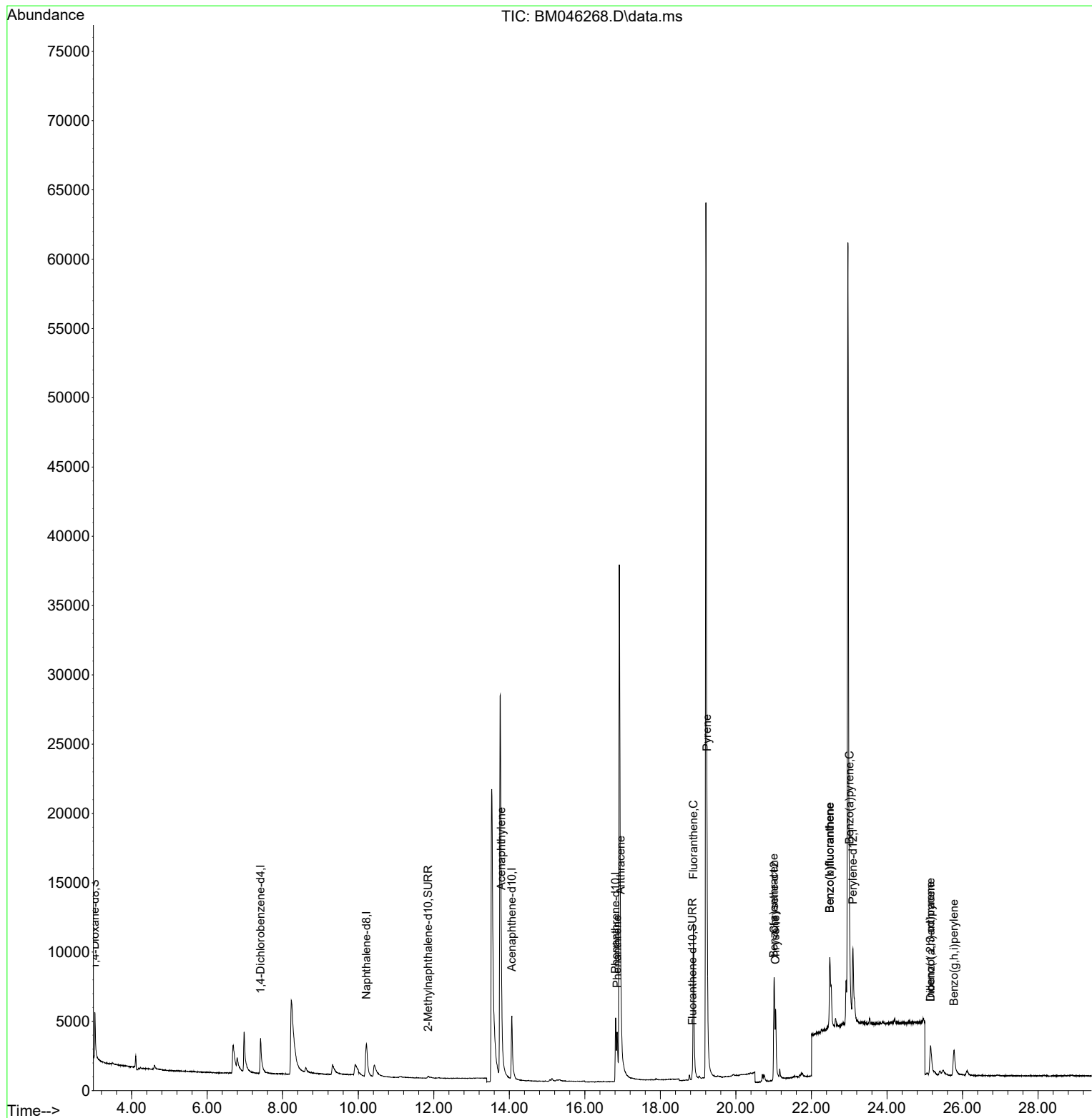
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.413  | 152  | 2408     | 0.400 | ng/ul  | -0.05    |
| 4) Naphthalene-d8           | 10.215 | 136  | 7078     | 0.400 | ng/ul  | -0.04    |
| 9) Acenaphthene-d10         | 14.066 | 164  | 4023     | 0.400 | ng/ul  | -0.05    |
| 13) Phenanthrene-d10        | 16.815 | 188  | 7509     | 0.400 | ng/ul  | -0.05    |
| 17) Chrysene-d12            | 21.015 | 240  | 5969     | 0.400 | ng/ul  | -0.03    |
| 23) Perylene-d12            | 23.098 | 264  | 9315     | 0.400 | ng/ul  | #-0.04   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.029  | 96   | 2311     | 0.700 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 11.848 | 152  | 384      | 0.040 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 18.848 | 212  | 877      | 0.049 | ng/ul  | -0.04    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 10) Acenaphthylene          | 13.788 | 152  | 412      | 0.022 | ng/ul# | 21       |
| 15) Phenanthrene            | 16.853 | 178  | 4842     | 0.230 | ng/ul  | 99       |
| 16) Anthracene              | 16.946 | 178  | 903      | 0.057 | ng/ul# | 63       |
| 19) Fluoranthene            | 18.875 | 202  | 14255    | 0.552 | ng/ul  | 97       |
| 20) Pyrene                  | 19.233 | 202  | 12280    | 0.439 | ng/ul# | 97       |
| 21) Benzo(a)anthracene      | 21.003 | 228  | 5233     | 0.227 | ng/ul  | 94       |
| 22) Chrysene                | 21.050 | 228  | 5748     | 0.195 | ng/ul  | 94       |
| 24) Benzo(b)fluoranthene    | 22.487 | 252  | 12824    | 0.382 | ng/ul  | 91       |
| 25) Benzo(k)fluoranthene    | 22.487 | 252  | 12824    | 0.321 | ng/ul  | 93       |
| 26) Benzo(a)pyrene          | 23.005 | 252  | 5707     | 0.184 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.152 | 276  | 4701     | 0.092 | ng/ul# | 85       |
| 28) Dibenzo(a,h)anthracene  | 25.156 | 278  | 974      | 0.026 | ng/ul# | 3        |
| 29) Benzo(g,h,i)perylene    | 25.773 | 276  | 4824     | 0.111 | ng/ul# | 89       |
| -----                       |        |      |          |       |        |          |

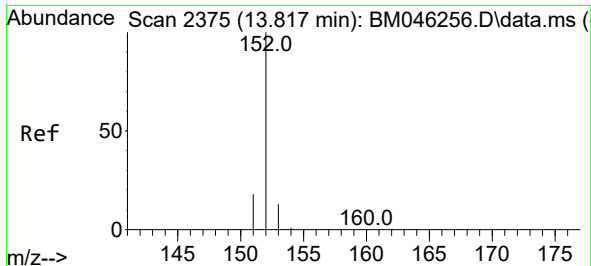
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
Data File : BM046268.D  
Acq On : 25 Jun 2024 00:12  
Operator : MA/JU  
Sample : P2776-05DL 5X  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4B93DL

Quant Time: Jun 25 02:28:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 24 02:25:34 2024  
Response via : Initial Calibration

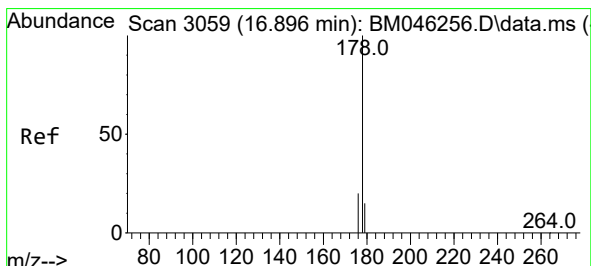
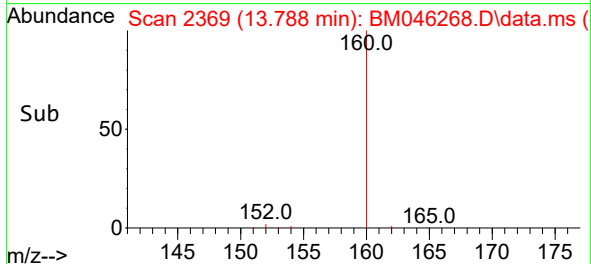
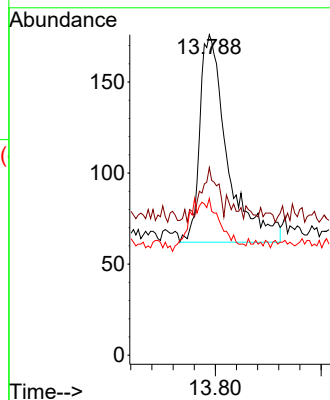
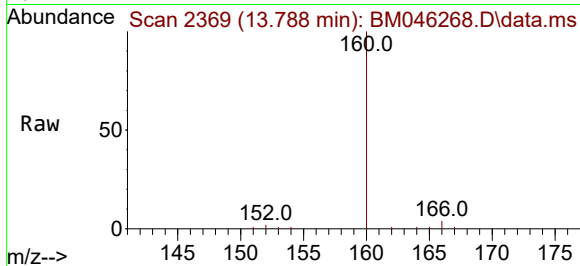




#10  
Acenaphthylene  
Concen: 0.022 ng/ul  
RT: 13.788 min Scan# 21  
Delta R.T. -0.046 min  
Lab File: BM046268.D  
Acq: 25 Jun 2024 00:12

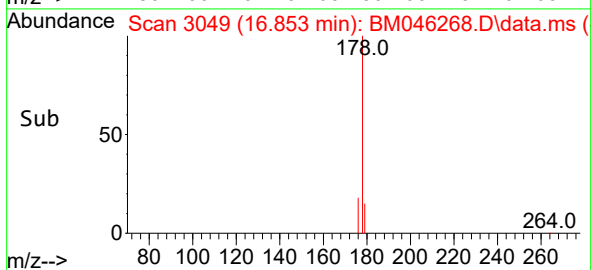
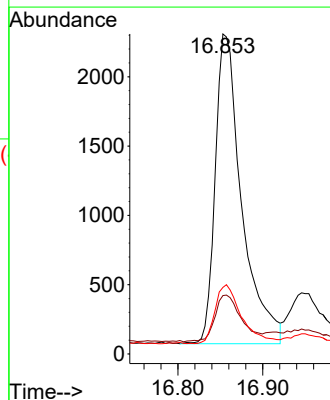
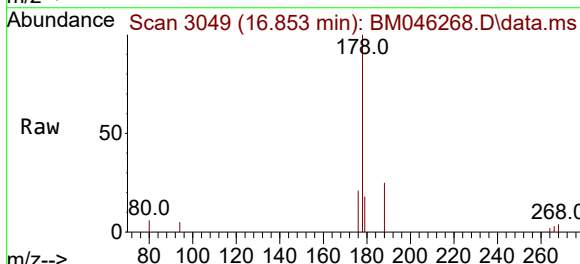
Instrument :  
BNA\_M  
ClientSampleId :  
A4B93DL

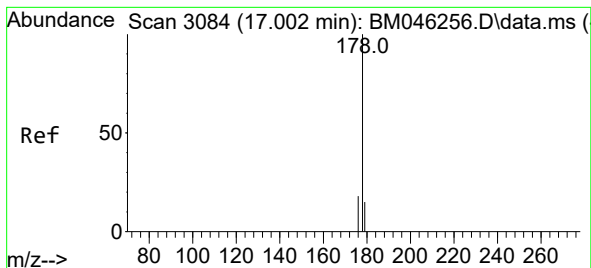
Tgt Ion:152 Resp: 412  
Ion Ratio Lower Upper  
152 100  
151 58.5 17.4 26.2#  
153 48.9 11.8 17.8#



#15  
Phenanthrene  
Concen: 0.230 ng/ul  
RT: 16.853 min Scan# 3049  
Delta R.T. -0.051 min  
Lab File: BM046268.D  
Acq: 25 Jun 2024 00:12

Tgt Ion:178 Resp: 4842  
Ion Ratio Lower Upper  
178 100  
179 18.3 14.2 21.2  
176 20.8 17.1 25.7





#16

Anthracene

Concen: 0.057 ng/ul

RT: 16.946 min Scan# 3084

Delta R.T. -0.059 min

Lab File: BM046268.D

Acq: 25 Jun 2024 00:12

Instrument :

BNA\_M

ClientSampleId :

A4B93DL

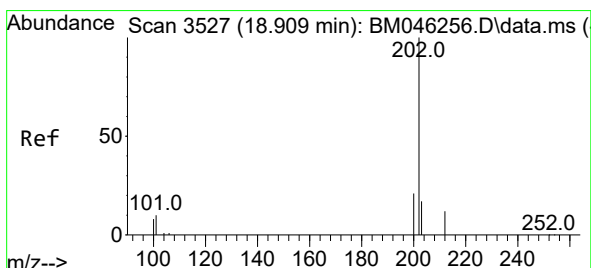
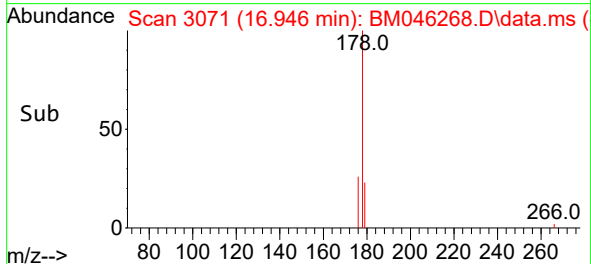
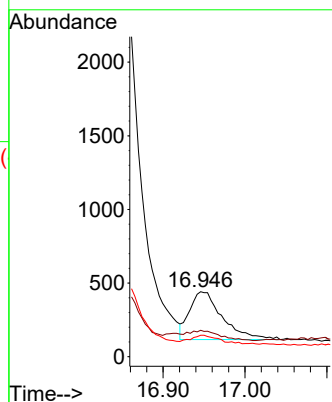
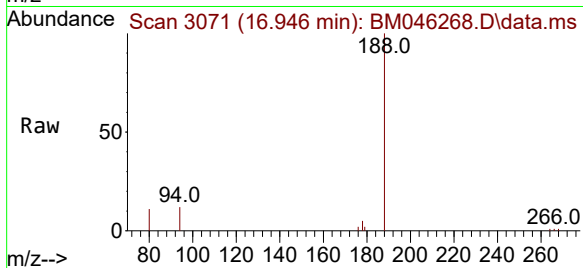
Tgt Ion:178 Resp: 903

Ion Ratio Lower Upper

178 100

179 40.8 14.9 22.3#

176 33.1 17.0 25.4#



#19

Fluoranthene

Concen: 0.552 ng/ul

RT: 18.875 min Scan# 3520

Delta R.T. -0.042 min

Lab File: BM046268.D

Acq: 25 Jun 2024 00:12

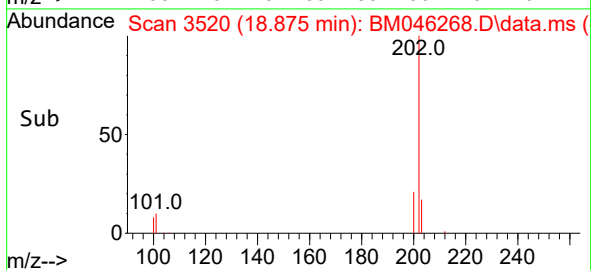
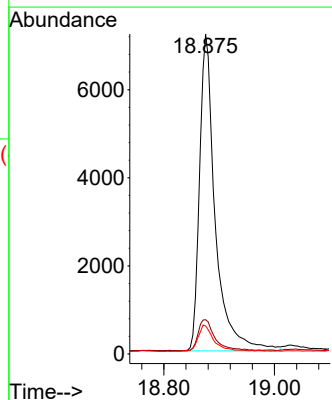
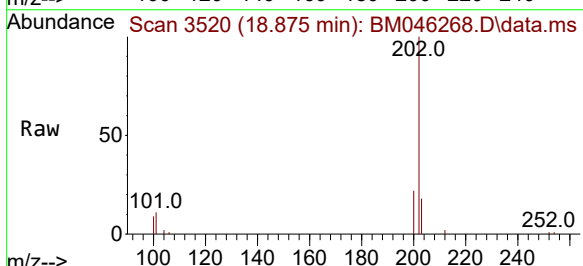
Tgt Ion:202 Resp: 14255

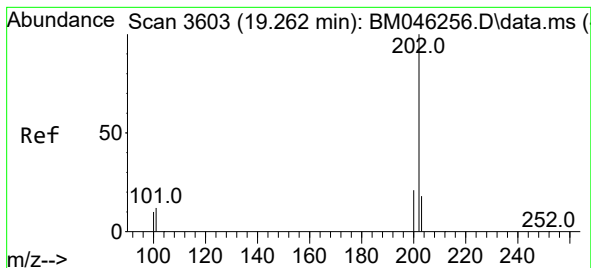
Ion Ratio Lower Upper

202 100

101 10.7 9.6 14.4

100 8.8 7.6 11.4





#20

Pyrene

Concen: 0.439 ng/ul

RT: 19.233 min Scan# 3

Delta R.T. -0.042 min

Lab File: BM046268.D

Acq: 25 Jun 2024 00:12

Instrument :

BNA\_M

ClientSampleId :

A4B93DL

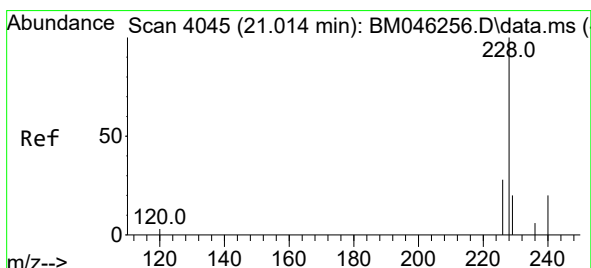
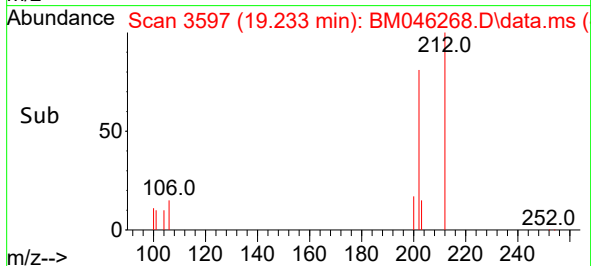
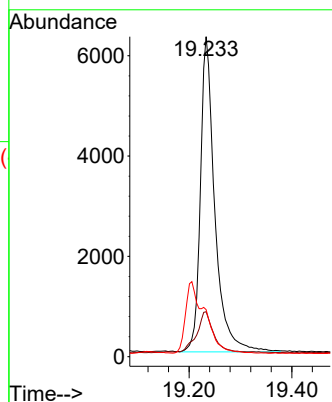
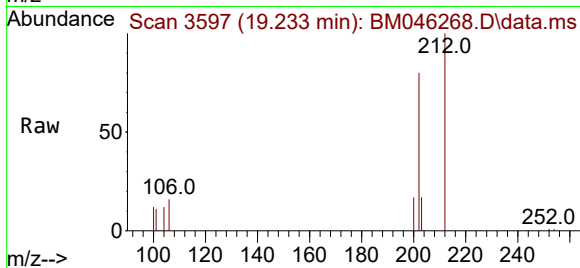
Tgt Ion:202 Resp: 12280

Ion Ratio Lower Upper

202 100

101 14.1 11.3 16.9

100 14.7 9.8 14.6#



#21

Benzo(a)anthracene

Concen: 0.227 ng/ul

RT: 21.003 min Scan# 4041

Delta R.T. -0.026 min

Lab File: BM046268.D

Acq: 25 Jun 2024 00:12

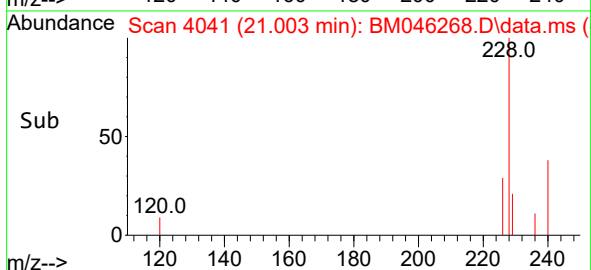
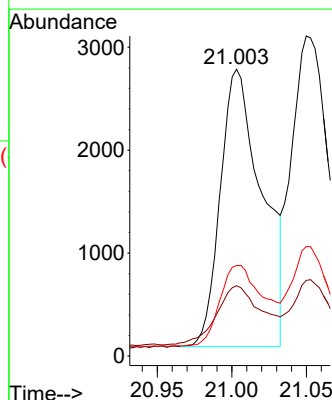
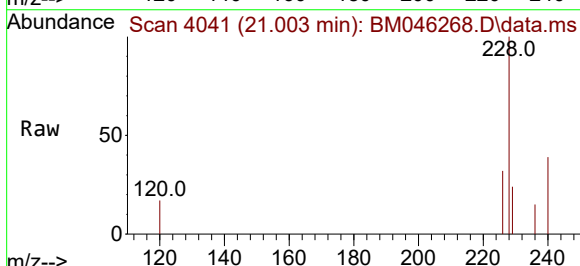
Tgt Ion:228 Resp: 5233

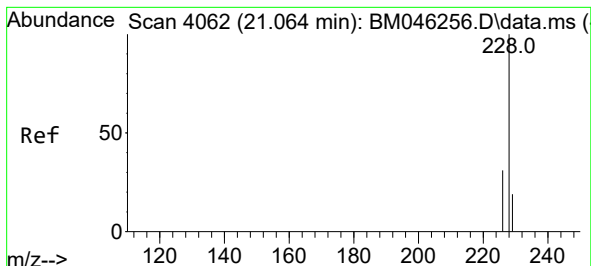
Ion Ratio Lower Upper

228 100

229 24.5 16.4 24.6

226 31.5 23.4 35.2





#22

Chrysene

Concen: 0.195 ng/ul

RT: 21.050 min Scan# 4062

Delta R.T. -0.026 min

Lab File: BM046268.D

Acq: 25 Jun 2024 00:12

Instrument :

BNA\_M

ClientSampleId :

A4B93DL

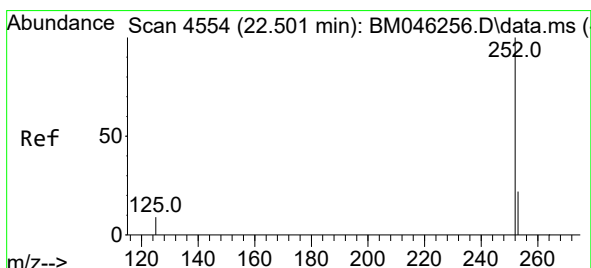
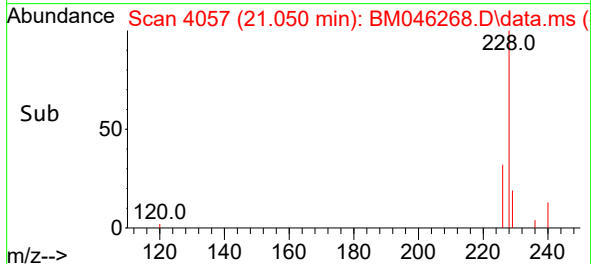
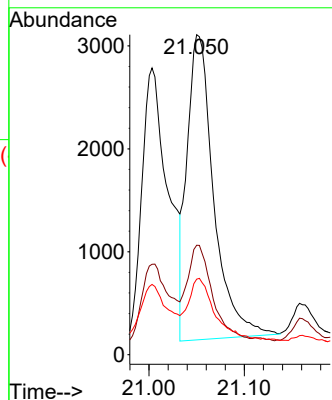
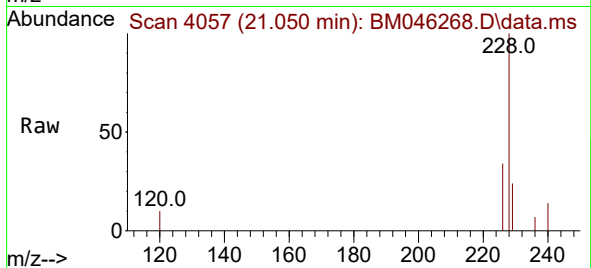
Tgt Ion:228 Resp: 5748

Ion Ratio Lower Upper

228 100

226 34.2 25.2 37.8

229 23.6 16.3 24.5



#24

Benzo(b)fluoranthene

Concen: 0.382 ng/ul

RT: 22.487 min Scan# 4549

Delta R.T. -0.032 min

Lab File: BM046268.D

Acq: 25 Jun 2024 00:12

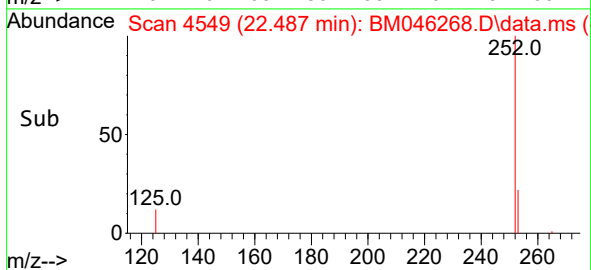
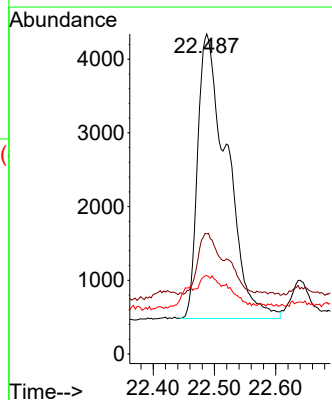
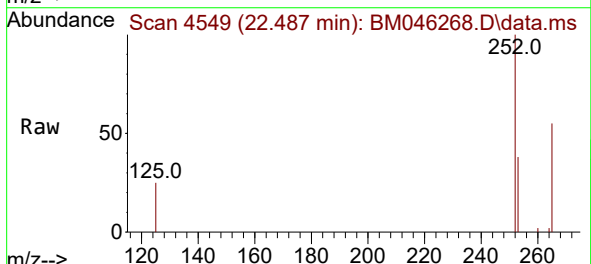
Tgt Ion:252 Resp: 12824

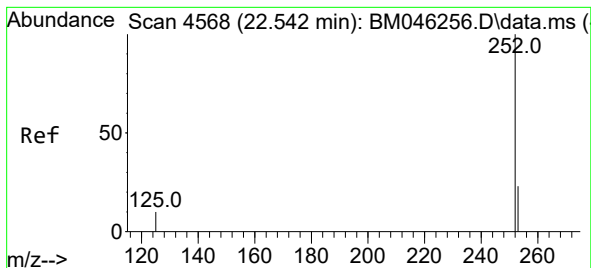
Ion Ratio Lower Upper

252 100

253 37.5 0.0 65.8

125 24.5 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.321 ng/ul

RT: 22.487 min Scan# 4

Delta R.T. -0.076 min

Lab File: BM046268.D

Acq: 25 Jun 2024 00:12

Instrument :

BNA\_M

ClientSampleId :

A4B93DL

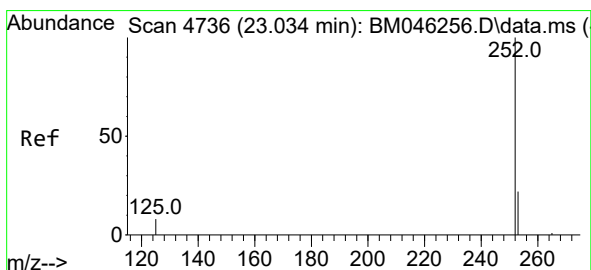
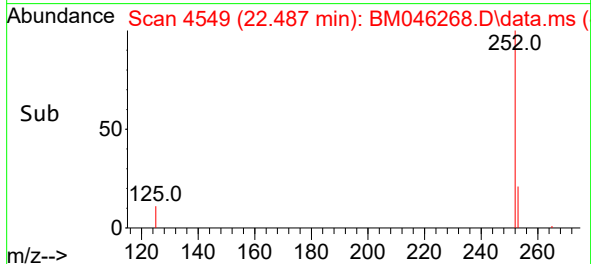
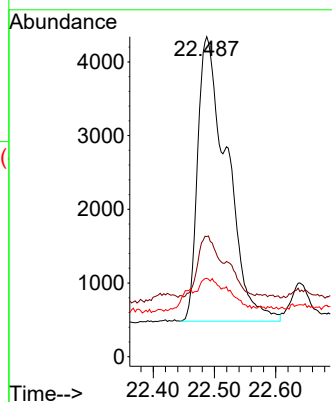
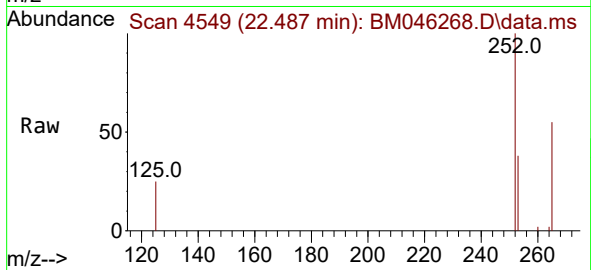
Tgt Ion:252 Resp: 12824

Ion Ratio Lower Upper

252 100

253 37.5 27.2 40.8

125 24.5 16.6 25.0



#26

Benzo(a)pyrene

Concen: 0.184 ng/ul

RT: 23.005 min Scan# 4726

Delta R.T. -0.050 min

Lab File: BM046268.D

Acq: 25 Jun 2024 00:12

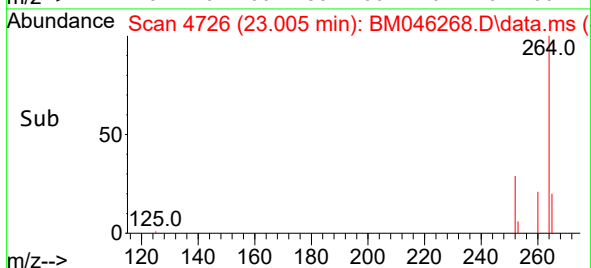
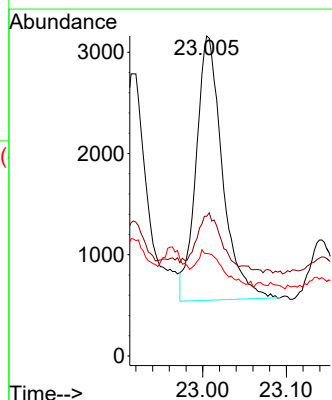
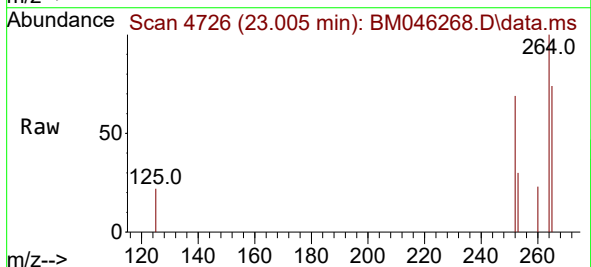
Tgt Ion:252 Resp: 5707

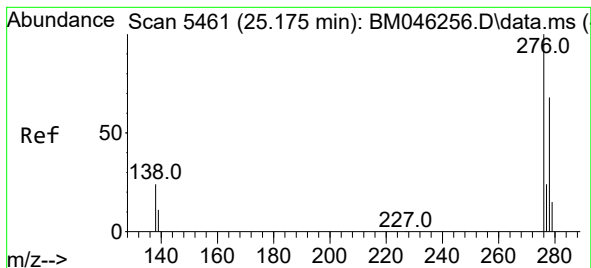
Ion Ratio Lower Upper

252 100

253 43.6 32.1 48.1

125 32.0 21.2 31.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.092 ng/ul

RT: 25.152 min Scan# 54

Delta R.T. -0.050 min

Lab File: BM046268.D

Acq: 25 Jun 2024 00:12

Instrument :

BNA\_M

ClientSampleId :

A4B93DL

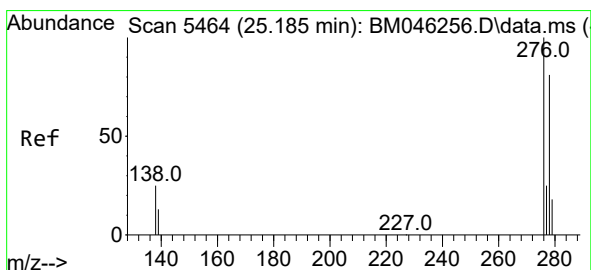
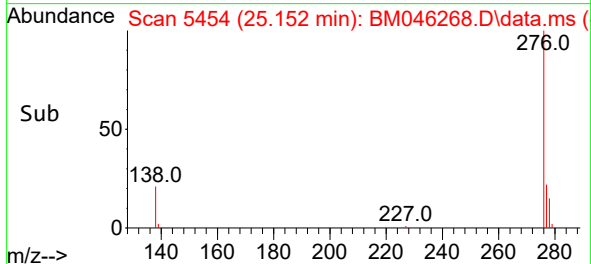
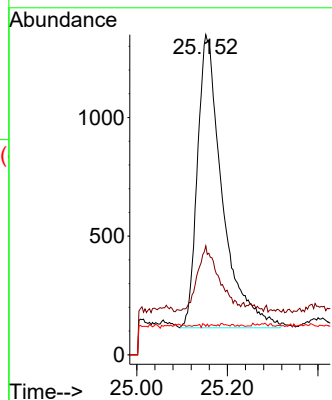
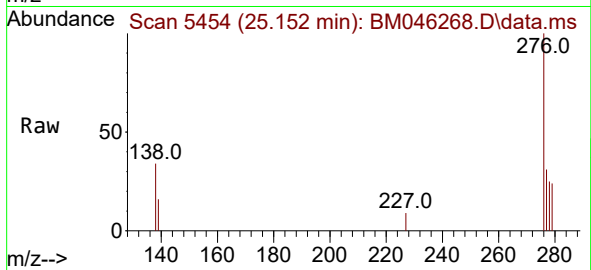
Tgt Ion:276 Resp: 4701

Ion Ratio Lower Upper

276 100

138 18.8 21.0 31.4#

227 0.2 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.026 ng/ul

RT: 25.156 min Scan# 5455

Delta R.T. -0.060 min

Lab File: BM046268.D

Acq: 25 Jun 2024 00:12

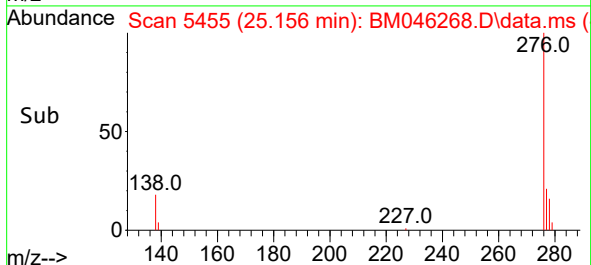
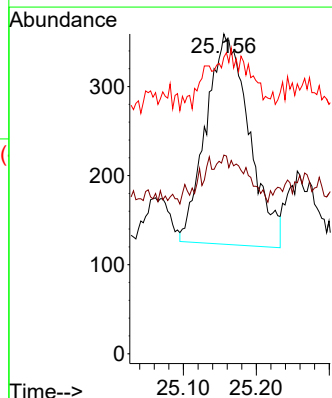
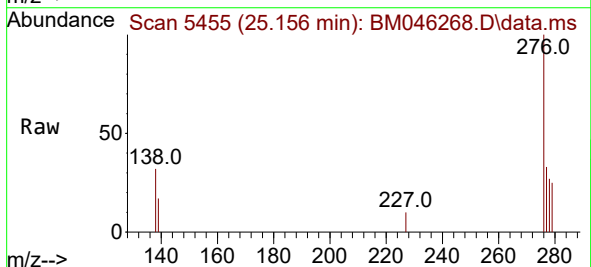
Tgt Ion:278 Resp: 974

Ion Ratio Lower Upper

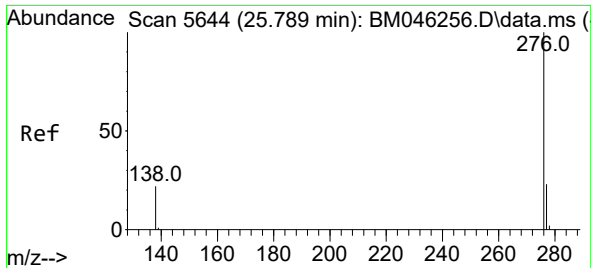
278 100

139 62.1 17.6 26.4#

279 92.8 26.3 39.5#

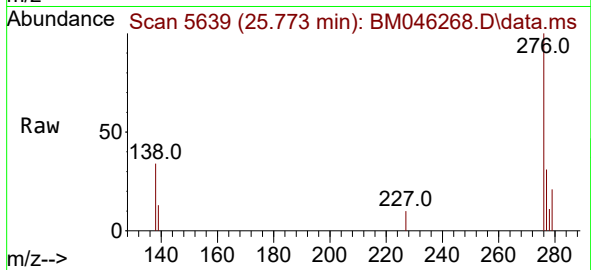






#29  
 Benzo(g,h,i)perylene  
 Concen: 0.111 ng/ul  
 RT: 25.773 min Scan# 50  
 Delta R.T. -0.057 min  
 Lab File: BM046268.D  
 Acq: 25 Jun 2024 00:12

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4B93DL



Tgt Ion:276 Resp: 4824  
 Ion Ratio Lower Upper  
 276 100  
 138 33.6 21.7 32.5#  
 277 30.7 20.4 30.6#

