

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021524\  
 Data File : BM044107.D  
 Acq On : 15 Feb 2024 18:32  
 Operator : MA/JU  
 Sample : P1329-07  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0FL6

Quant Time: Feb 15 23:31:37 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM021524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 15 13:40:24 2024  
 Response via : Initial Calibration

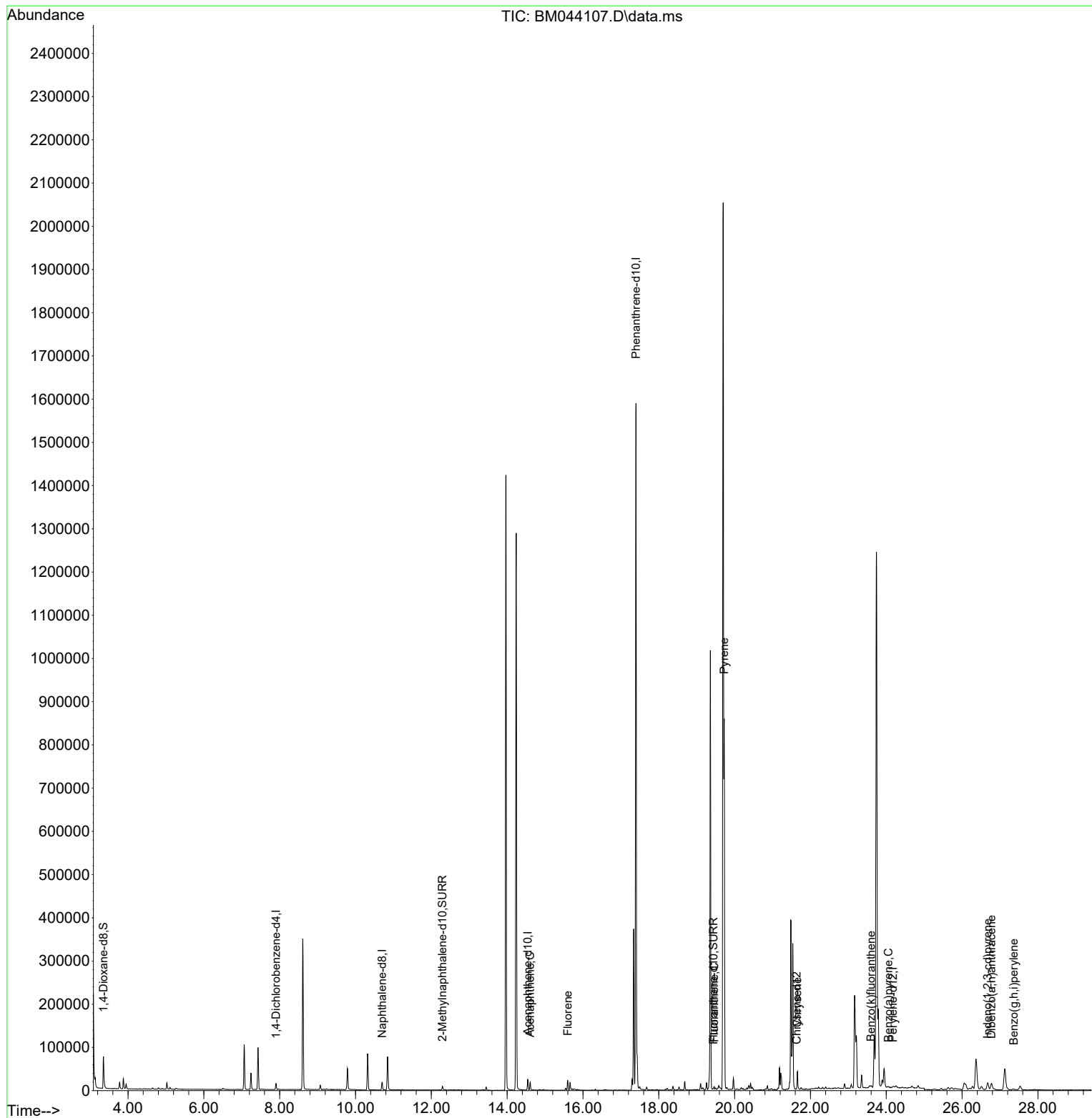
| Compound                    | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|----------|--------|----------|
| -----                       |        |      |          |          |        |          |
| Internal Standards          |        |      |          |          |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.905  | 152  | 7190     | 0.400    | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.704 | 136  | 24692    | 0.400    | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.544 | 164  | 13371    | 0.400    | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.399 | 188  | 1776632  | 0.400    | ng/ul  | # 0.10   |
| 17) Chrysene-d12            | 21.633 | 240  | 53       | 0.400    | ng/ul  | # 0.13   |
| 23) Perylene-d12            | 24.176 | 264  | 1348     | 0.400    | ng/ul  | # 0.28   |
| System Monitoring Compounds |        |      |          |          |        |          |
| 3) 1,4-Dioxane-d8           | 3.352  | 96   | 52087    | 5.116    | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.294 | 152  | 11584    | 0.335    | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.443 | 212  | 87       | 0.550    | ng/ul  | 0.11     |
| Target Compounds            |        |      |          |          |        |          |
|                             |        |      |          |          | Qvalue |          |
| 11) Acenaphthene            | 14.608 | 153  | 11007    | 0.207    | ng/ul  | 99       |
| 12) Fluorene                | 15.598 | 166  | 14324    | 0.239    | ng/ul  | 96       |
| 19) Fluoranthene            | 19.462 | 202  | 1424     | 5.893    | ng/ul# | 63       |
| 20) Pyrene                  | 19.727 | 202  | 685176   | 2696.396 | ng/ul  | 98       |
| 22) Chrysene                | 21.657 | 228  | 31593    | 120.726  | ng/ul# | 60       |
| 25) Benzo(k)fluoranthene    | 23.601 | 252  | 6397     | 1.059    | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 24.054 | 252  | 414      | 0.080    | ng/ul# | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 26.674 | 276  | 6636     | 1.008    | ng/ul# | 29       |
| 28) Dibenzo(a,h)anthracene  | 26.775 | 278  | 24685    | 4.762    | ng/ul  | 94       |
| 29) Benzo(g,h,i)perylene    | 27.365 | 276  | 1633     | 0.280    | ng/ul# | 1        |
| -----                       |        |      |          |          |        |          |

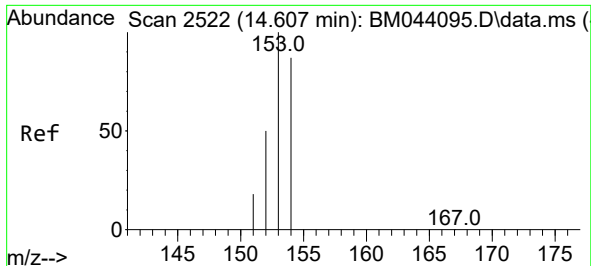
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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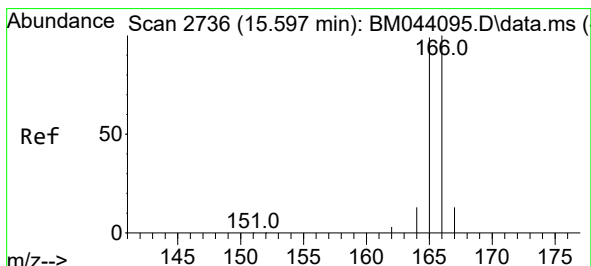
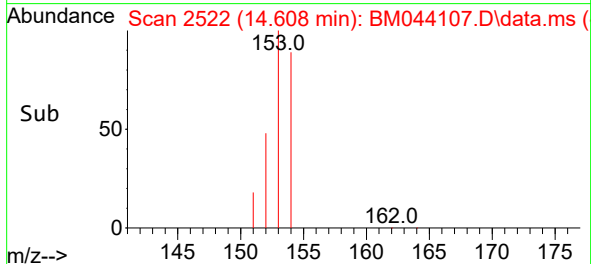
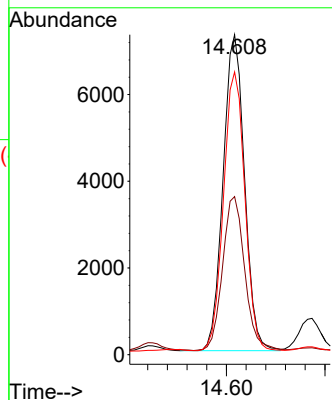
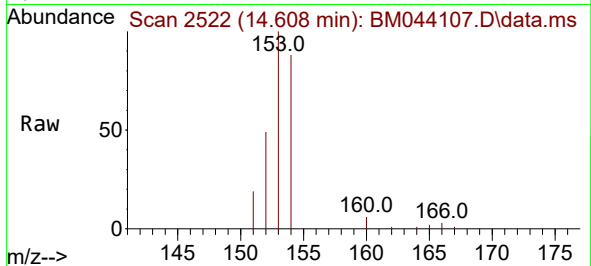




#11  
Acenaphthene  
Concen: 0.207 ng/ul  
RT: 14.608 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BM044107.D  
Acq: 15 Feb 2024 18:32

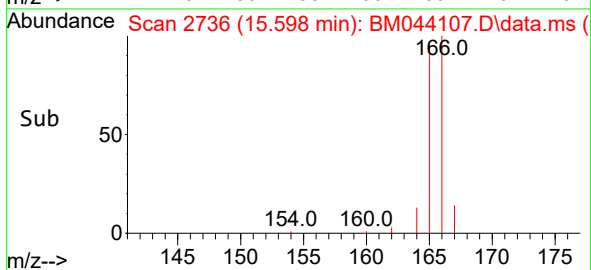
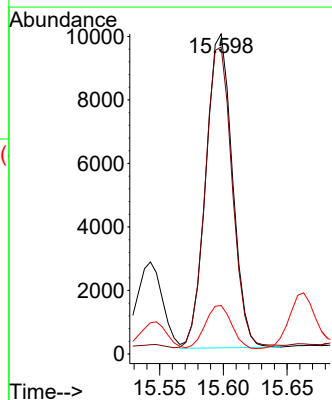
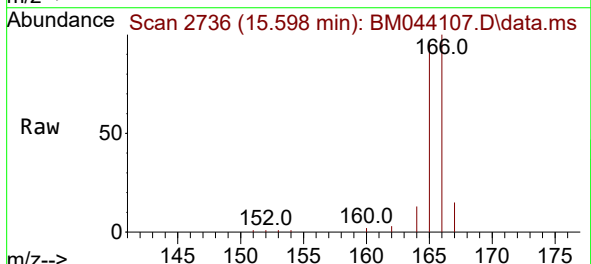
Instrument :  
BNA\_M  
ClientSampleId :  
C0FL6

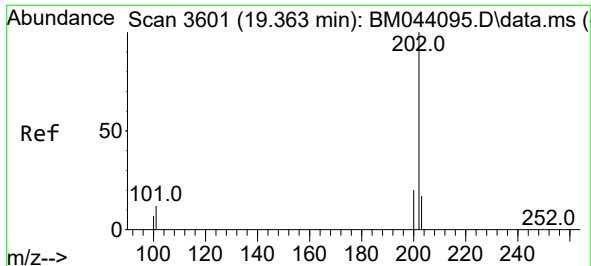
Tgt Ion:153 Resp: 11007  
Ion Ratio Lower Upper  
153 100  
152 49.4 40.6 61.0  
154 88.4 70.1 105.1



#12  
Fluorene  
Concen: 0.239 ng/ul  
RT: 15.598 min Scan# 2736  
Delta R.T. 0.001 min  
Lab File: BM044107.D  
Acq: 15 Feb 2024 18:32

Tgt Ion:166 Resp: 14324  
Ion Ratio Lower Upper  
166 100  
165 95.9 79.8 119.6  
167 15.2 11.1 16.7

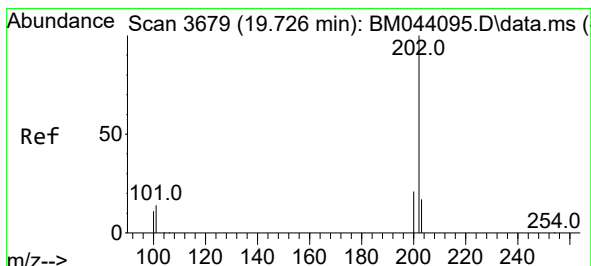
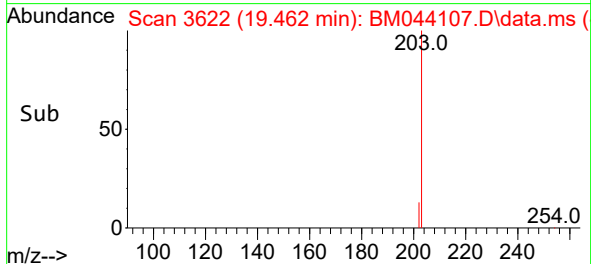
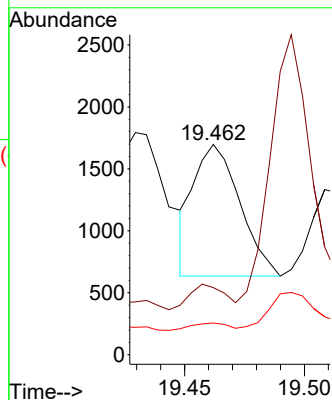
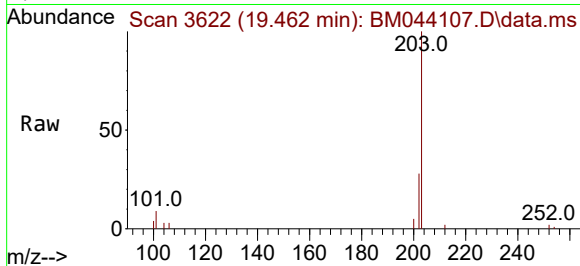




#19  
Fluoranthene  
Concen: 5.893 ng/u1  
RT: 19.462 min Scan# 3622  
Delta R.T. 0.099 min  
Lab File: BM044107.D  
Acq: 15 Feb 2024 18:32

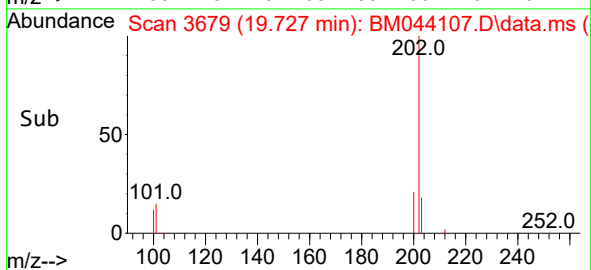
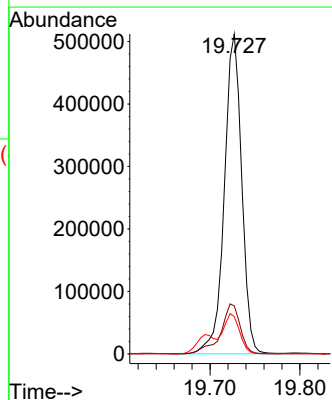
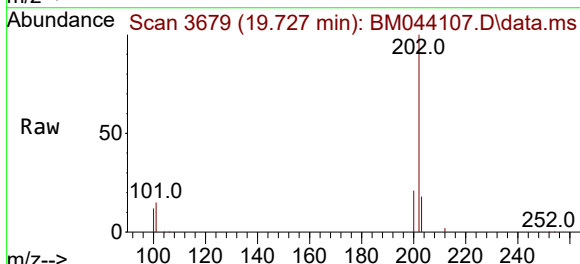
Instrument :  
BNA\_M  
ClientSampleId :  
C0FL6

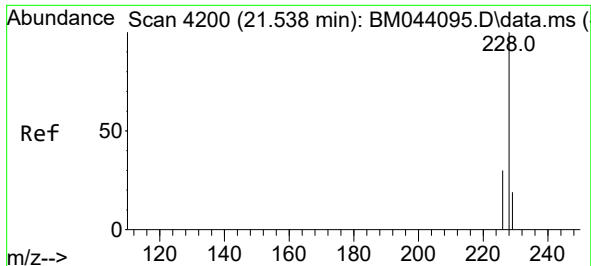
Tgt Ion:202 Resp: 1424  
Ion Ratio Lower Upper  
202 100  
101 31.9 9.8 14.6#  
100 15.1 7.0 10.4#



#20  
Pyrene  
Concen: 2696.396 ng/u1  
RT: 19.727 min Scan# 3679  
Delta R.T. 0.001 min  
Lab File: BM044107.D  
Acq: 15 Feb 2024 18:32

Tgt Ion:202 Resp: 685176  
Ion Ratio Lower Upper  
202 100  
101 15.0 11.2 16.8  
100 11.7 8.6 13.0





#22

Chrysene

Concen: 120.726 ng/ul

RT: 21.657 min Scan# 41

Delta R.T. 0.119 min

Lab File: BM044107.D

Acq: 15 Feb 2024 18:32

Instrument :

BNA\_M

ClientSampleId :

C0FL6

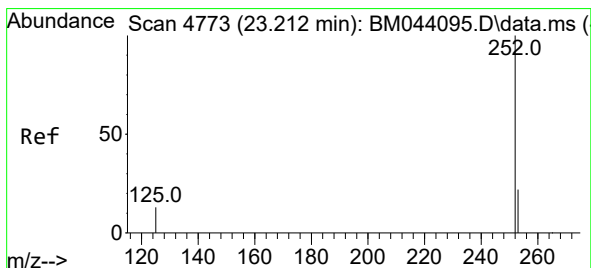
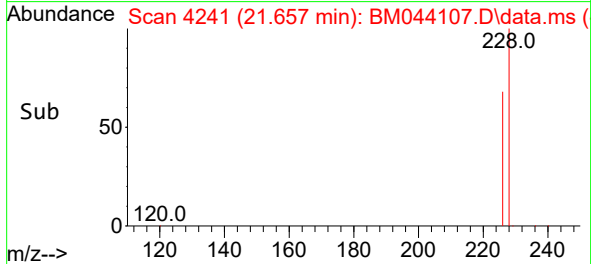
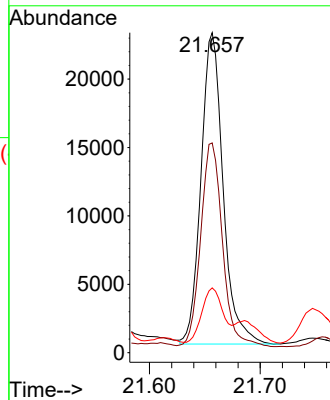
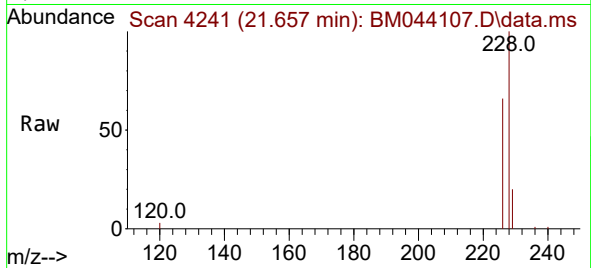
Tgt Ion:228 Resp: 31593

Ion Ratio Lower Upper

228 100

226 65.5 24.2 36.2#

229 20.2 15.8 23.6



#25

Benzo(k)fluoranthene

Concen: 1.059 ng/ul

RT: 23.601 min Scan# 4906

Delta R.T. 0.388 min

Lab File: BM044107.D

Acq: 15 Feb 2024 18:32

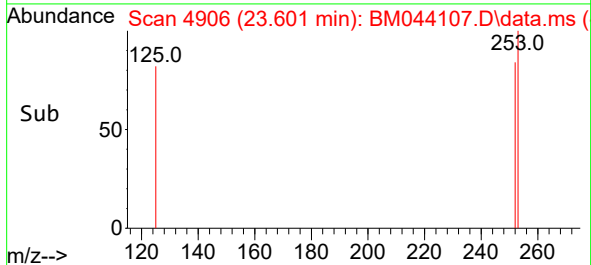
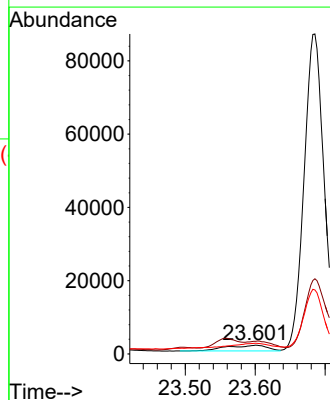
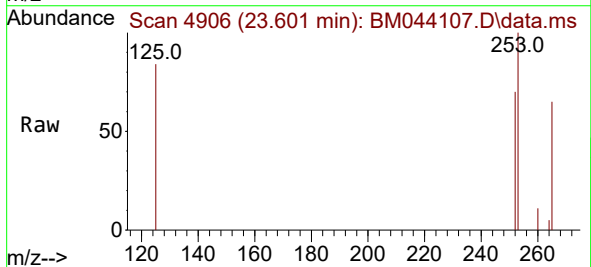
Tgt Ion:252 Resp: 6397

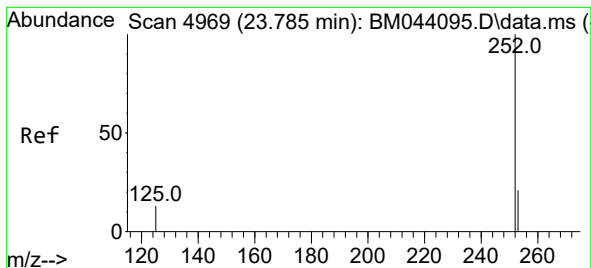
Ion Ratio Lower Upper

252 100

253 143.6 20.1 30.1#

125 120.7 12.3 18.5#





#26

Benzo(a)pyrene

Concen: 0.080 ng/ul

RT: 24.054 min Scan# 5061

Delta R.T. 0.268 min

Lab File: BM044107.D

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Instrument :

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C0FL6

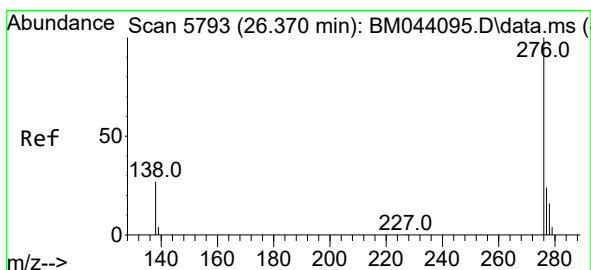
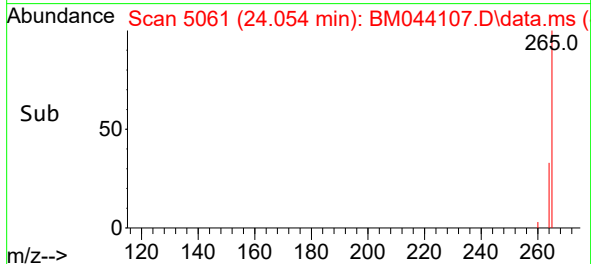
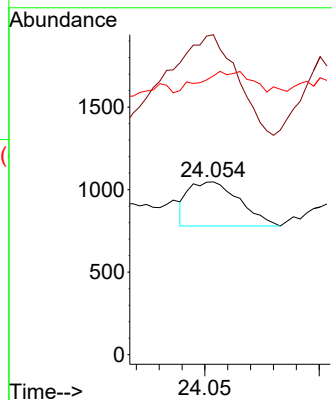
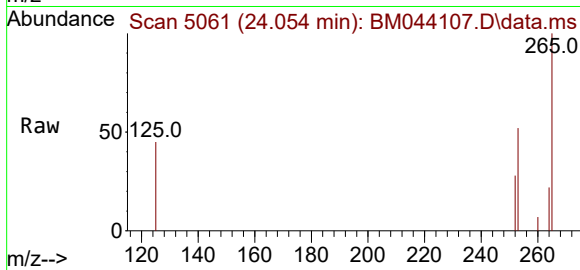
Tgt Ion:252 Resp: 414

Ion Ratio Lower Upper

252 100

253 185.2 21.4 32.2#

125 161.3 13.3 19.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.008 ng/ul

RT: 26.674 min Scan# 5884

Delta R.T. 0.304 min

Lab File: BM044107.D

Acq: 15 Feb 2024 18:32

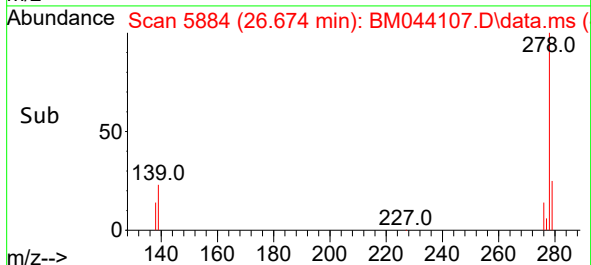
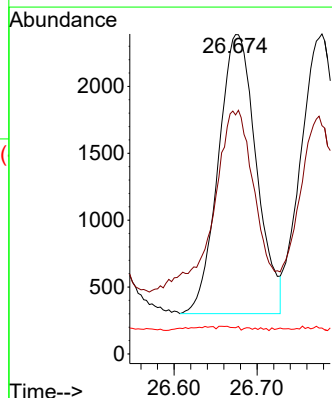
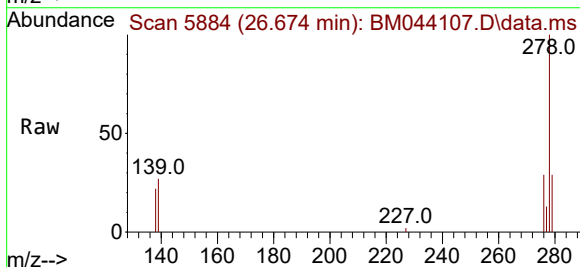
Tgt Ion:276 Resp: 6636

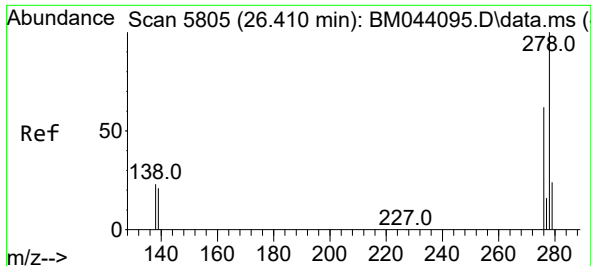
Ion Ratio Lower Upper

276 100

138 71.1 25.2 37.8#

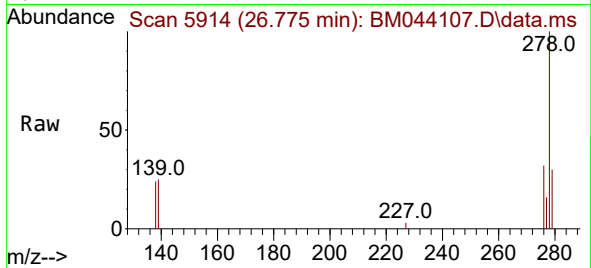
227 0.3 0.1 0.1#



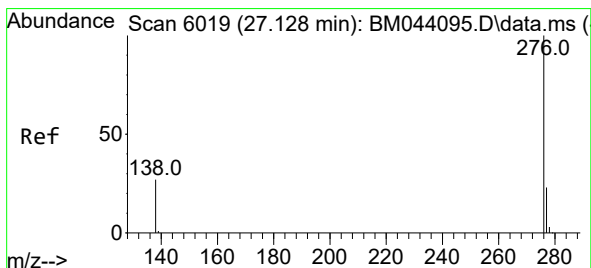
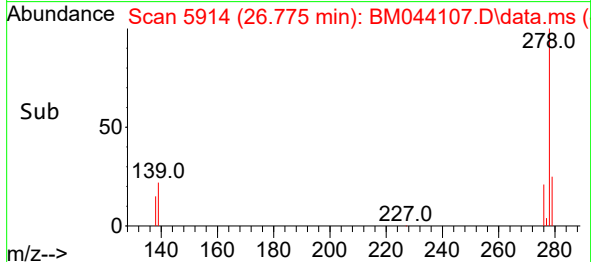
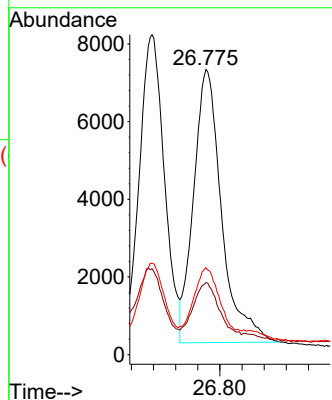


#28  
Dibenzo(a,h)anthracene  
Concen: 4.762 ng/ul  
RT: 26.775 min Scan# 5914  
Delta R.T. 0.365 min  
Lab File: BM044107.D  
Acq: 15 Feb 2024 18:32

Instrument :  
BNA\_M  
ClientSampleId :  
C0FL6



Tgt Ion:278 Resp: 24685  
Ion Ratio Lower Upper  
278 100  
139 25.2 17.8 26.8  
279 30.5 21.8 32.8



#29  
Benzo(g,h,i)perylene  
Concen: 0.280 ng/ul  
RT: 27.365 min Scan# 6090  
Delta R.T. 0.237 min  
Lab File: BM044107.D  
Acq: 15 Feb 2024 18:32

Tgt Ion:276 Resp: 1633  
Ion Ratio Lower Upper  
276 100  
138 90.7 22.7 34.1#  
277 77.8 19.0 28.6#

