

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
 Data File : BM046303.D  
 Acq On : 25 Jun 2024 22:11  
 Operator : MA/JU  
 Sample : P2844-05DL 5X  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4C83DL

Quant Time: Jun 25 23:29:38 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 : Tue Jun 25 08:04:59 2024  
 Response via : Initial Calibration

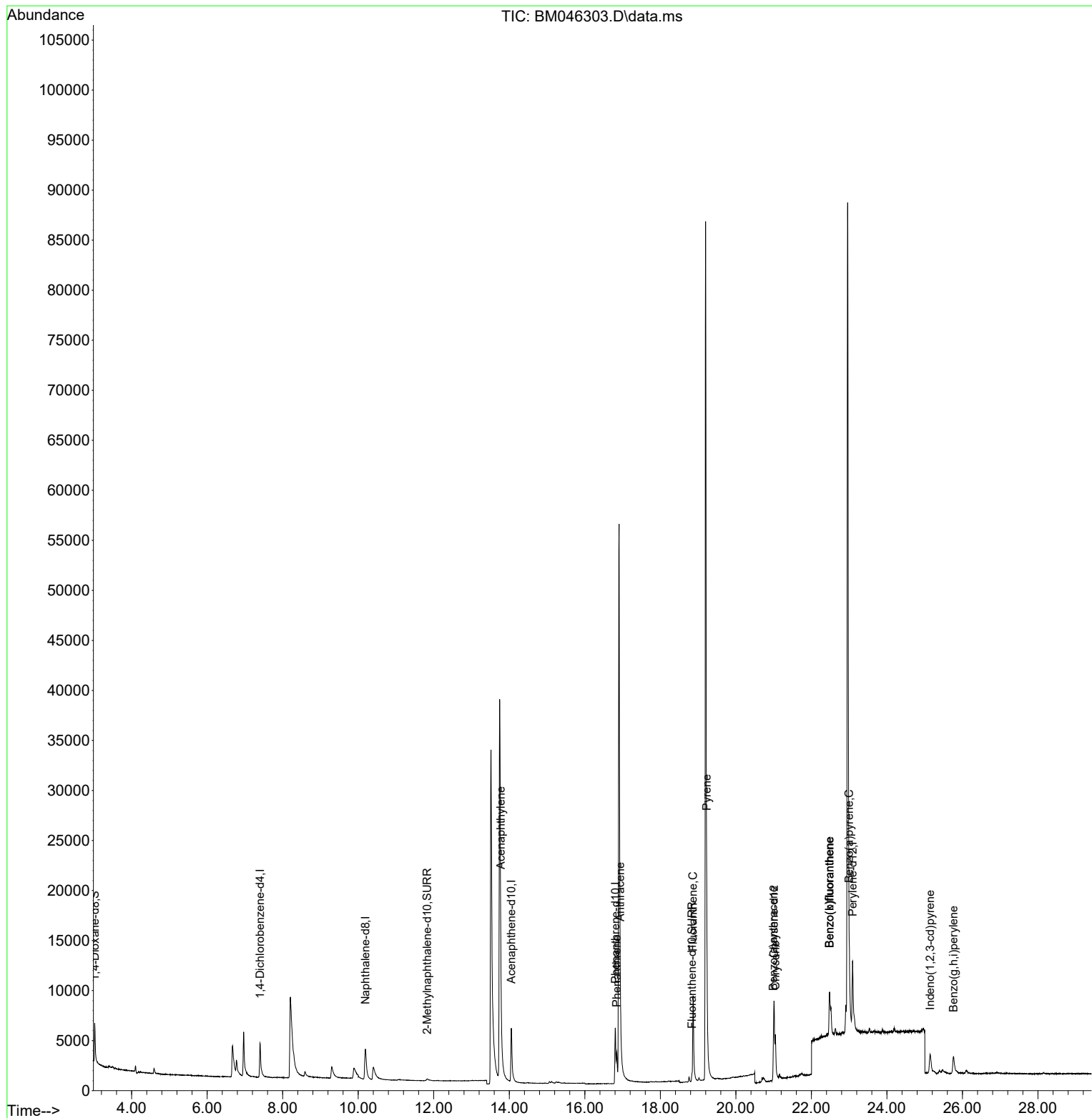
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.401  | 152  | 2756     | 0.400 | ng/ul  | -0.05    |
| 4) Naphthalene-d8           | 10.189 | 136  | 8180     | 0.400 | ng/ul  | -0.07    |
| 9) Acenaphthene-d10         | 14.054 | 164  | 4608     | 0.400 | ng/ul  | -0.04    |
| 13) Phenanthrene-d10        | 16.808 | 188  | 9141     | 0.400 | ng/ul  | -0.05    |
| 17) Chrysene-d12            | 21.012 | 240  | 7548     | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.092 | 264  | 11422    | 0.400 | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.025  | 96   | 2453     | 0.649 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.828 | 152  | 531      | 0.048 | ng/ul  | -0.04    |
| 18) Fluoranthene-d10        | 18.840 | 212  | 1225     | 0.054 | ng/ul  | -0.03    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 10) Acenaphthylene          | 13.771 | 152  | 676      | 0.031 | ng/ul# | 54       |
| 15) Phenanthrene            | 16.846 | 178  | 3830     | 0.149 | ng/ul  | 95       |
| 16) Anthracene              | 16.939 | 178  | 821      | 0.043 | ng/ul# | 63       |
| 19) Fluoranthene            | 18.868 | 202  | 10755    | 0.329 | ng/ul  | 100      |
| 20) Pyrene                  | 19.225 | 202  | 9490     | 0.269 | ng/ul# | 94       |
| 21) Benzo(a)anthracene      | 20.994 | 228  | 4326     | 0.148 | ng/ul# | 87       |
| 22) Chrysene                | 21.047 | 228  | 4831     | 0.130 | ng/ul# | 91       |
| 24) Benzo(b)fluoranthene    | 22.481 | 252  | 10914    | 0.265 | ng/ul  | 79       |
| 25) Benzo(k)fluoranthene    | 22.481 | 252  | 10914    | 0.223 | ng/ul# | 81       |
| 26) Benzo(a)pyrene          | 22.999 | 252  | 4737     | 0.124 | ng/ul# | 73       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.145 | 276  | 3916     | 0.063 | ng/ul# | 49       |
| 29) Benzo(g,h,i)perylene    | 25.762 | 276  | 4049     | 0.076 | ng/ul# | 75       |
| -----                       |        |      |          |       |        |          |

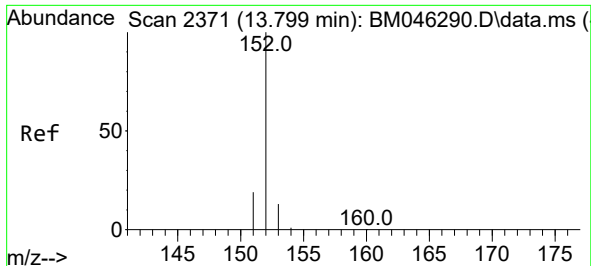
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
Data File : BM046303.D  
Acq On : 25 Jun 2024 22:11  
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Sample : P2844-05DL 5X  
Misc :  
ALS Vial : 63 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Time: Jun 25 23:29:38 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 : Tue Jun 25 08:04:59 2024  
Response via : Initial Calibration

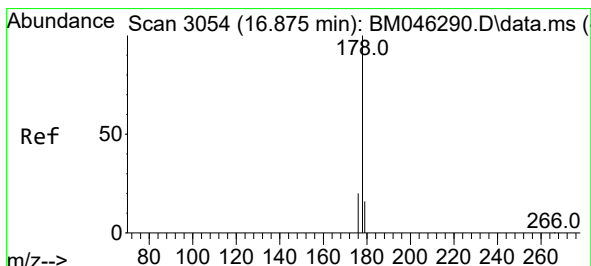
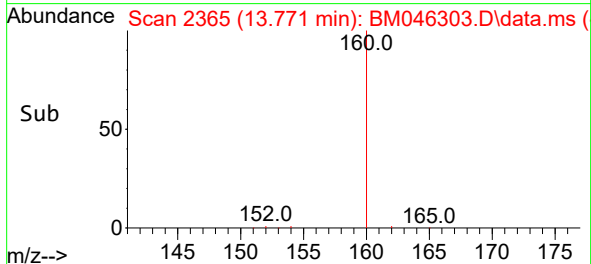
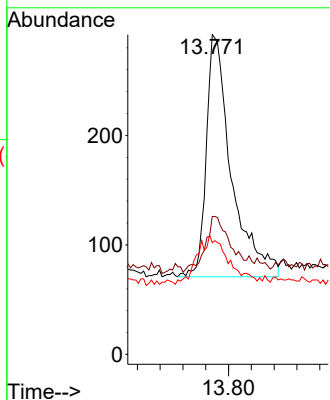
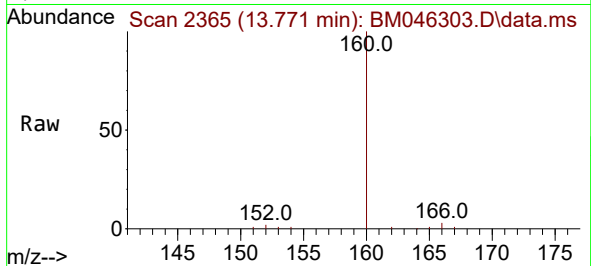




#10  
Acenaphthylene  
Concen: 0.031 ng/ul  
RT: 13.771 min Scan# 21  
Delta R.T. -0.046 min  
Lab File: BM046303.D  
Acq: 25 Jun 2024 22:11

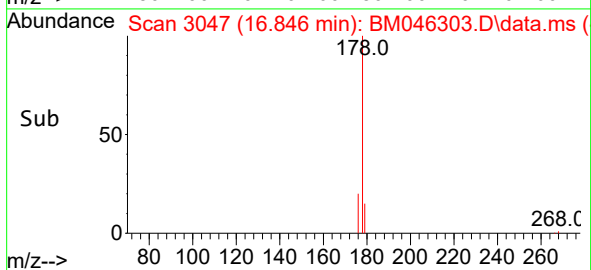
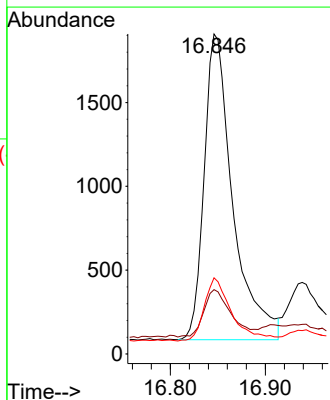
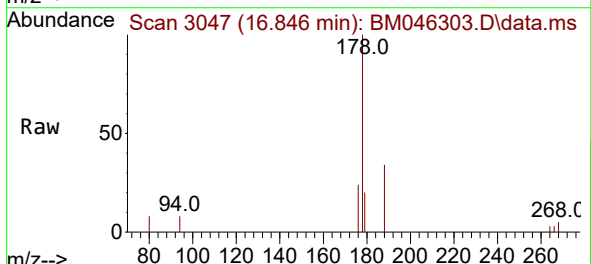
Instrument :  
BNA\_M  
ClientSampleId :  
A4C83DL

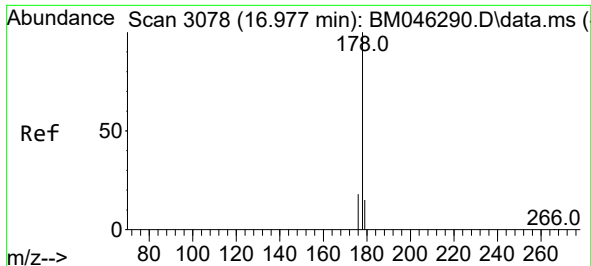
Tgt Ion:152 Resp: 676  
Ion Ratio Lower Upper  
152 100  
151 43.2 17.4 26.2#  
153 34.9 11.8 17.8#



#15  
Phenanthrene  
Concen: 0.149 ng/ul  
RT: 16.846 min Scan# 3047  
Delta R.T. -0.042 min  
Lab File: BM046303.D  
Acq: 25 Jun 2024 22:11

Tgt Ion:178 Resp: 3830  
Ion Ratio Lower Upper  
178 100  
179 20.1 14.2 21.2  
176 23.8 17.1 25.7

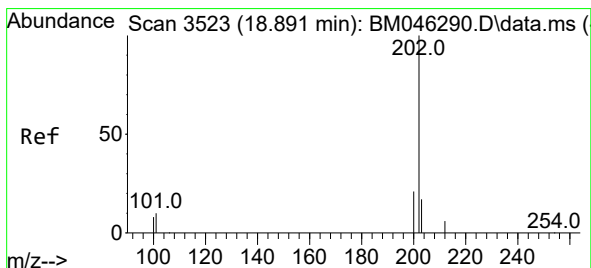
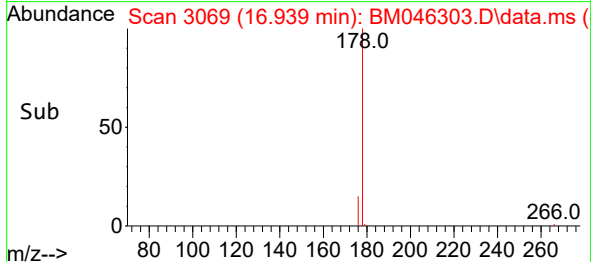
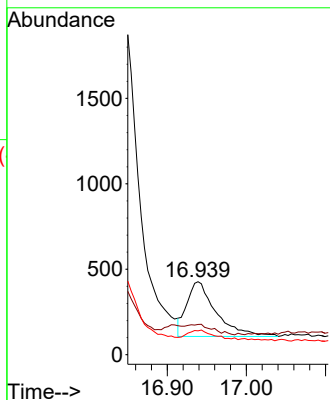
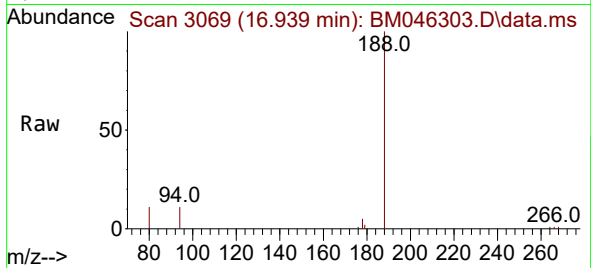




#16  
Anthracene  
Concen: 0.043 ng/ul  
RT: 16.939 min Scan# 3078  
Delta R.T. -0.067 min  
Lab File: BM046303.D  
Acq: 25 Jun 2024 22:11

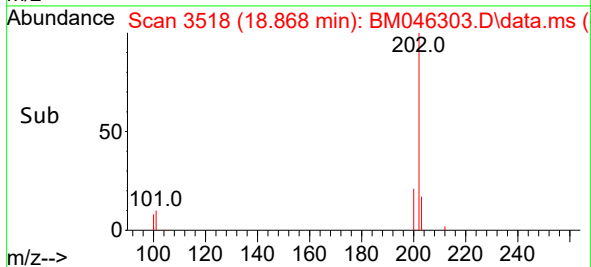
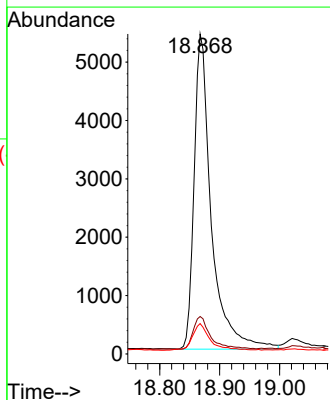
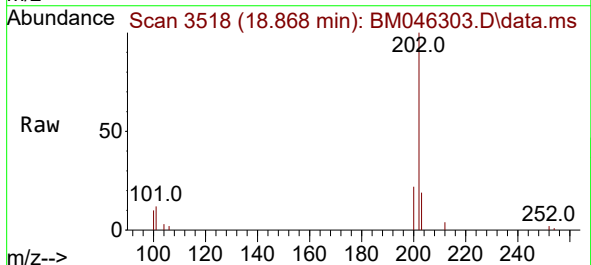
Instrument :  
BNA\_M  
ClientSampleId :  
A4C83DL

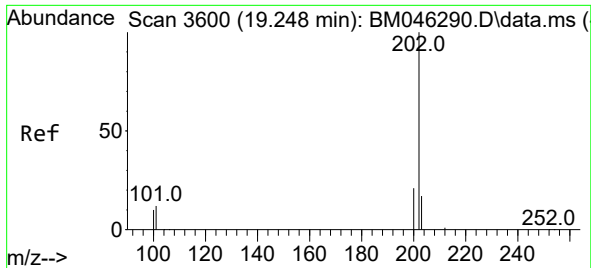
Tgt Ion:178 Resp: 821  
Ion Ratio Lower Upper  
178 100  
179 41.5 14.9 22.3#  
176 32.8 17.0 25.4#



#19  
Fluoranthene  
Concen: 0.329 ng/ul  
RT: 18.868 min Scan# 3518  
Delta R.T. -0.037 min  
Lab File: BM046303.D  
Acq: 25 Jun 2024 22:11

Tgt Ion:202 Resp: 10755  
Ion Ratio Lower Upper  
202 100  
101 11.7 9.6 14.4  
100 9.5 7.6 11.4

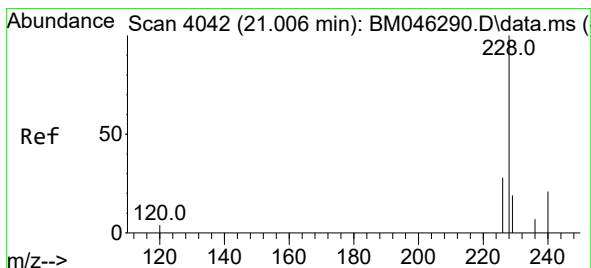
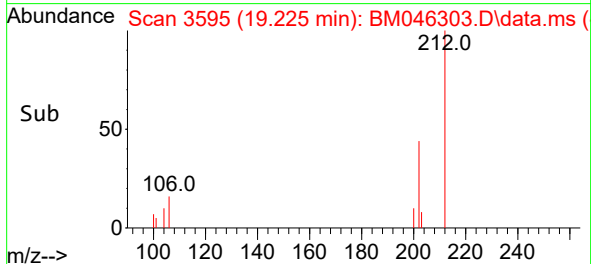
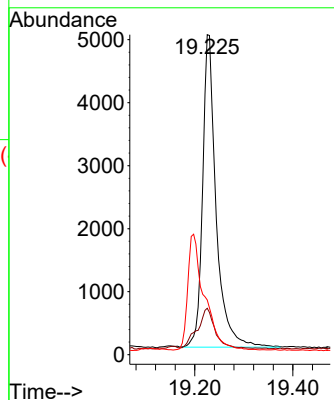
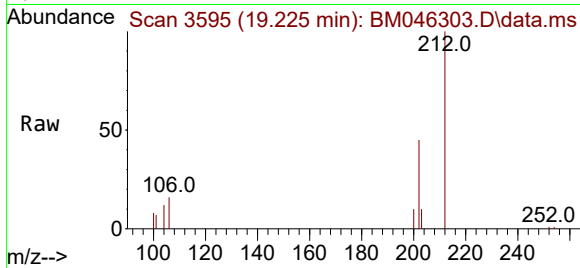




#20  
Pyrene  
Concen: 0.269 ng/ul  
RT: 19.225 min Scan# 3595  
Delta R.T. -0.032 min  
Lab File: BM046303.D  
Acq: 25 Jun 2024 22:11

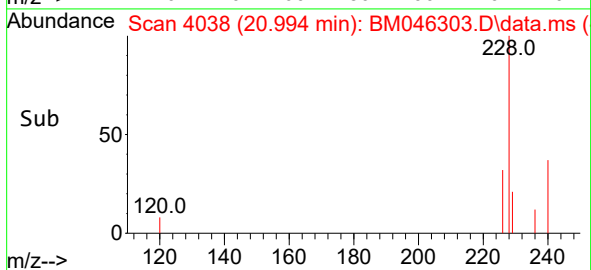
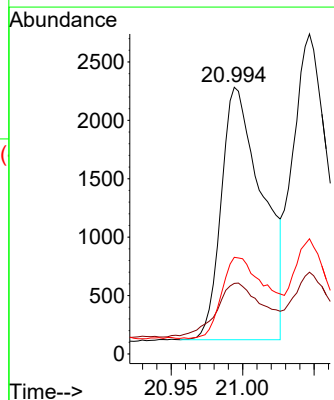
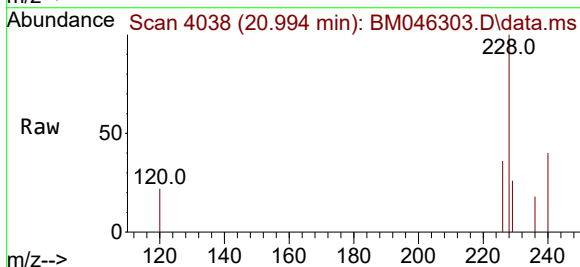
Instrument :  
BNA\_M  
ClientSampleId :  
A4C83DL

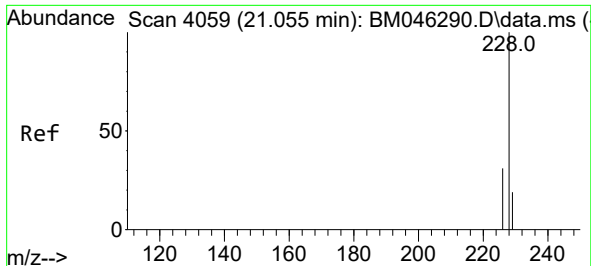
Tgt Ion:202 Resp: 9490  
Ion Ratio Lower Upper  
202 100  
101 14.5 11.3 16.9  
100 17.1 9.8 14.6#



#21  
Benzo(a)anthracene  
Concen: 0.148 ng/ul  
RT: 20.994 min Scan# 4038  
Delta R.T. -0.017 min  
Lab File: BM046303.D  
Acq: 25 Jun 2024 22:11

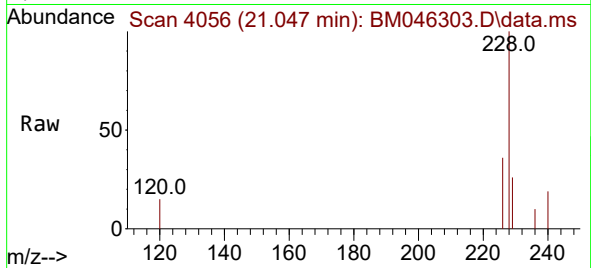
Tgt Ion:228 Resp: 4326  
Ion Ratio Lower Upper  
228 100  
229 26.5 16.4 24.6#  
226 36.2 23.4 35.2#



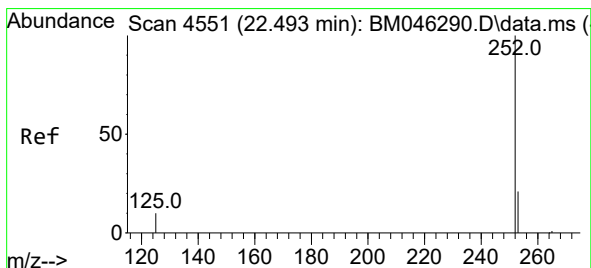
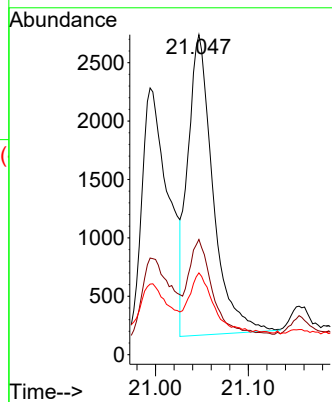
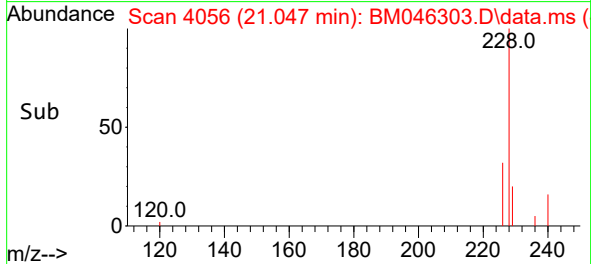


#22  
Chrysene  
Concen: 0.130 ng/ul  
RT: 21.047 min Scan# 4056  
Delta R.T. -0.012 min  
Lab File: BM046303.D  
Acq: 25 Jun 2024 22:11

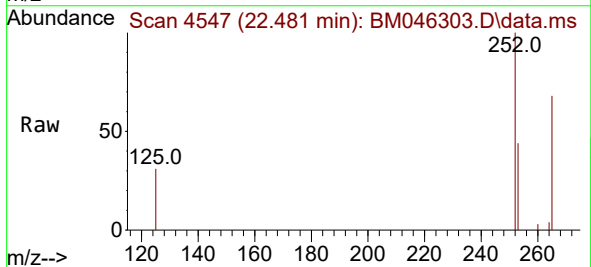
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A4C83DL



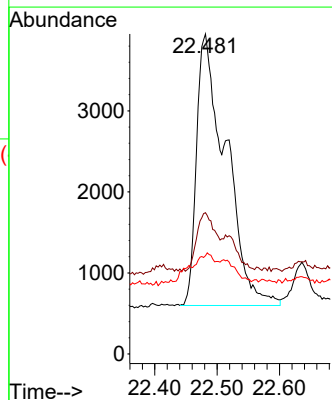
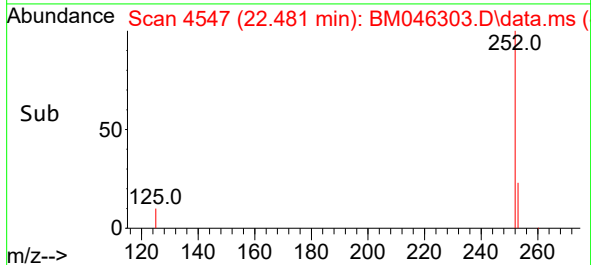
Tgt Ion:228 Resp: 4831  
Ion Ratio Lower Upper  
228 100  
226 36.0 25.2 37.8  
229 25.5 16.3 24.5#

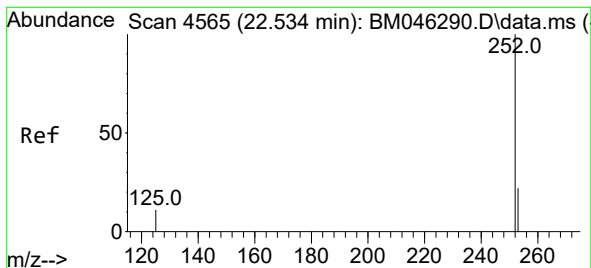


#24  
Benzo(b)fluoranthene  
Concen: 0.265 ng/ul  
RT: 22.481 min Scan# 4547  
Delta R.T. -0.014 min  
Lab File: BM046303.D  
Acq: 25 Jun 2024 22:11



Tgt Ion:252 Resp: 10914  
Ion Ratio Lower Upper  
252 100  
253 44.2 0.0 65.8  
125 30.7 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.223 ng/ul

RT: 22.481 min Scan# 4

Delta R.T. -0.055 min

Lab File: BM046303.D

Acq: 25 Jun 2024 22:11

Instrument :

BNA\_M

ClientSampleId :

A4C83DL

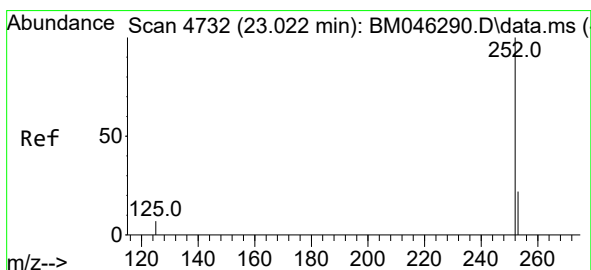
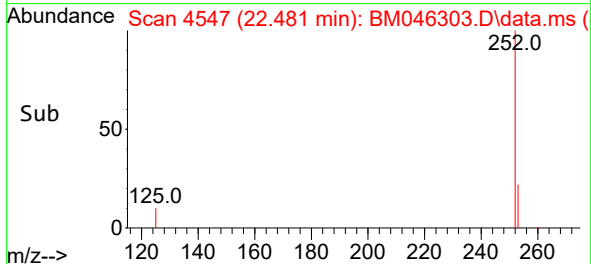
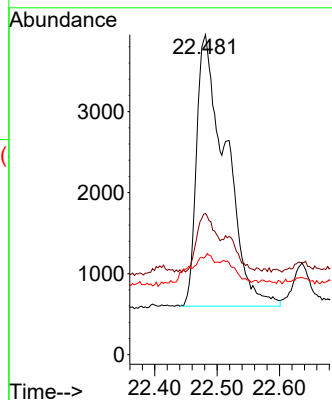
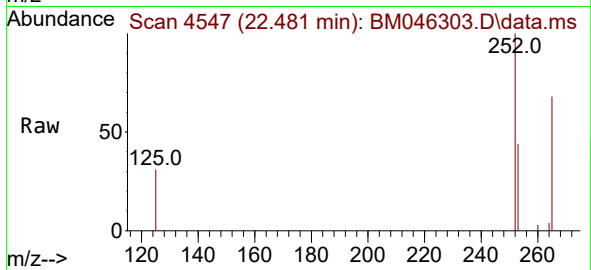
Tgt Ion:252 Resp: 10914

Ion Ratio Lower Upper

252 100

253 44.2 27.2 40.8#

125 30.7 16.6 25.0#



#26

Benzo(a)pyrene

Concen: 0.124 ng/ul

RT: 22.999 min Scan# 4724

Delta R.T. -0.029 min

Lab File: BM046303.D

Acq: 25 Jun 2024 22:11

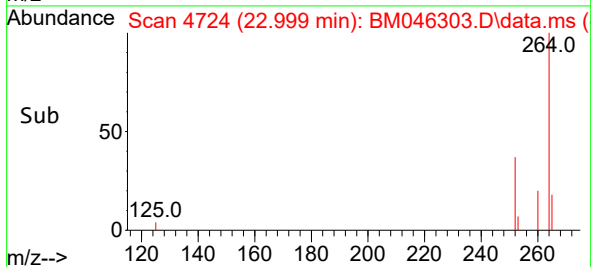
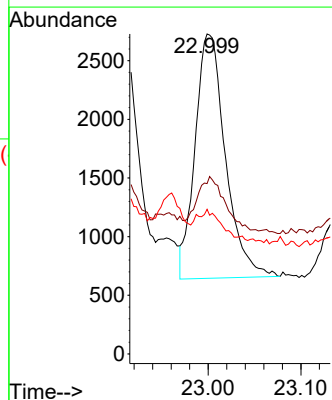
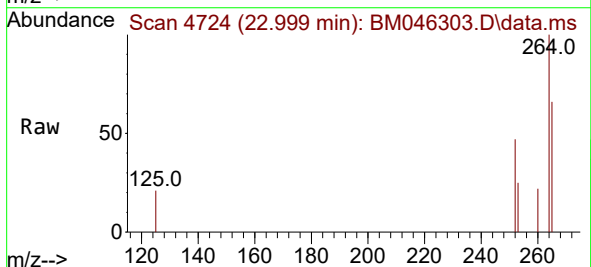
Tgt Ion:252 Resp: 4737

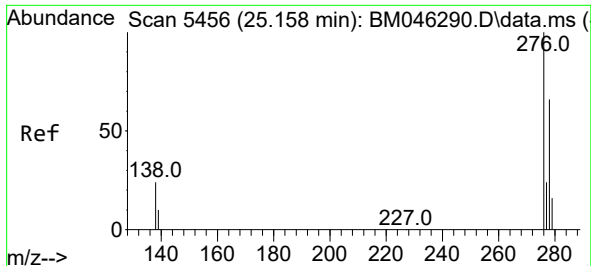
Ion Ratio Lower Upper

252 100

253 53.3 32.1 48.1#

125 45.2 21.2 31.8#

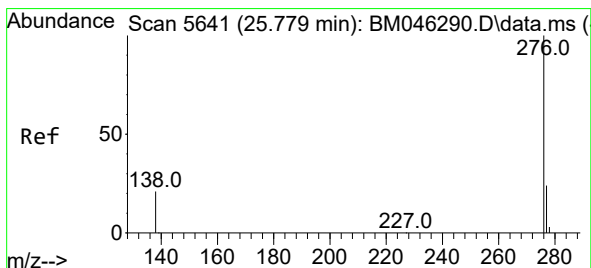
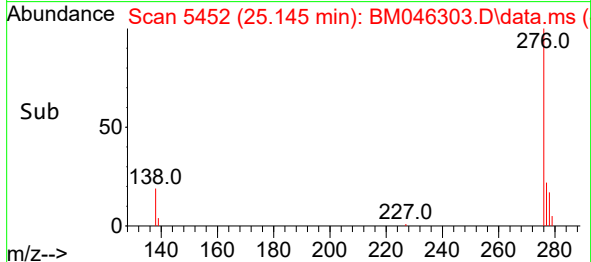
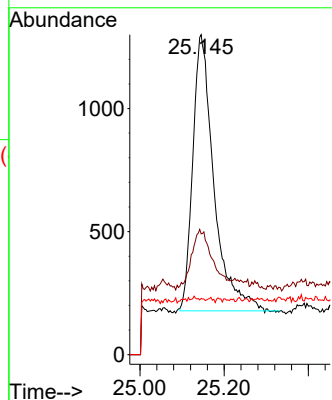
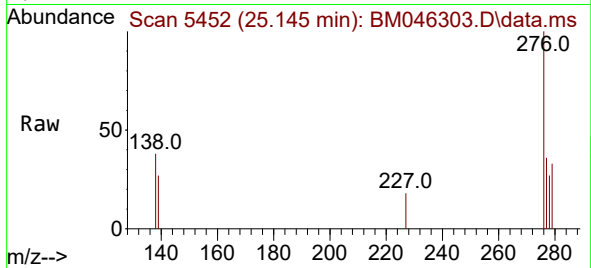




#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.063 ng/ul  
RT: 25.145 min Scan# 54  
Delta R.T. -0.023 min  
Lab File: BM046303.D  
Acq: 25 Jun 2024 22:11

Instrument :  
BNA\_M  
ClientSampleId :  
A4C83DL

Tgt Ion:276 Resp: 3916  
Ion Ratio Lower Upper  
276 100  
138 0.0 21.0 31.4#  
227 5.6 0.0 0.0#



#29  
Benzo(g,h,i)perylene  
Concen: 0.076 ng/ul  
RT: 25.762 min Scan# 5636  
Delta R.T. -0.023 min  
Lab File: BM046303.D  
Acq: 25 Jun 2024 22:11

Tgt Ion:276 Resp: 4049  
Ion Ratio Lower Upper  
276 100  
138 40.5 21.7 32.5#  
277 37.4 20.4 30.6#

