

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072624\  
 Data File : BM046841.D  
 Acq On : 26 Jul 2024 21:34  
 Operator : MA/JU  
 Sample : P3263-19DL 5X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4CK9DL

Quant Time: Jul 27 00:08:15 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM072424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 24 15:10:37 2024  
 Response via : Initial Calibration

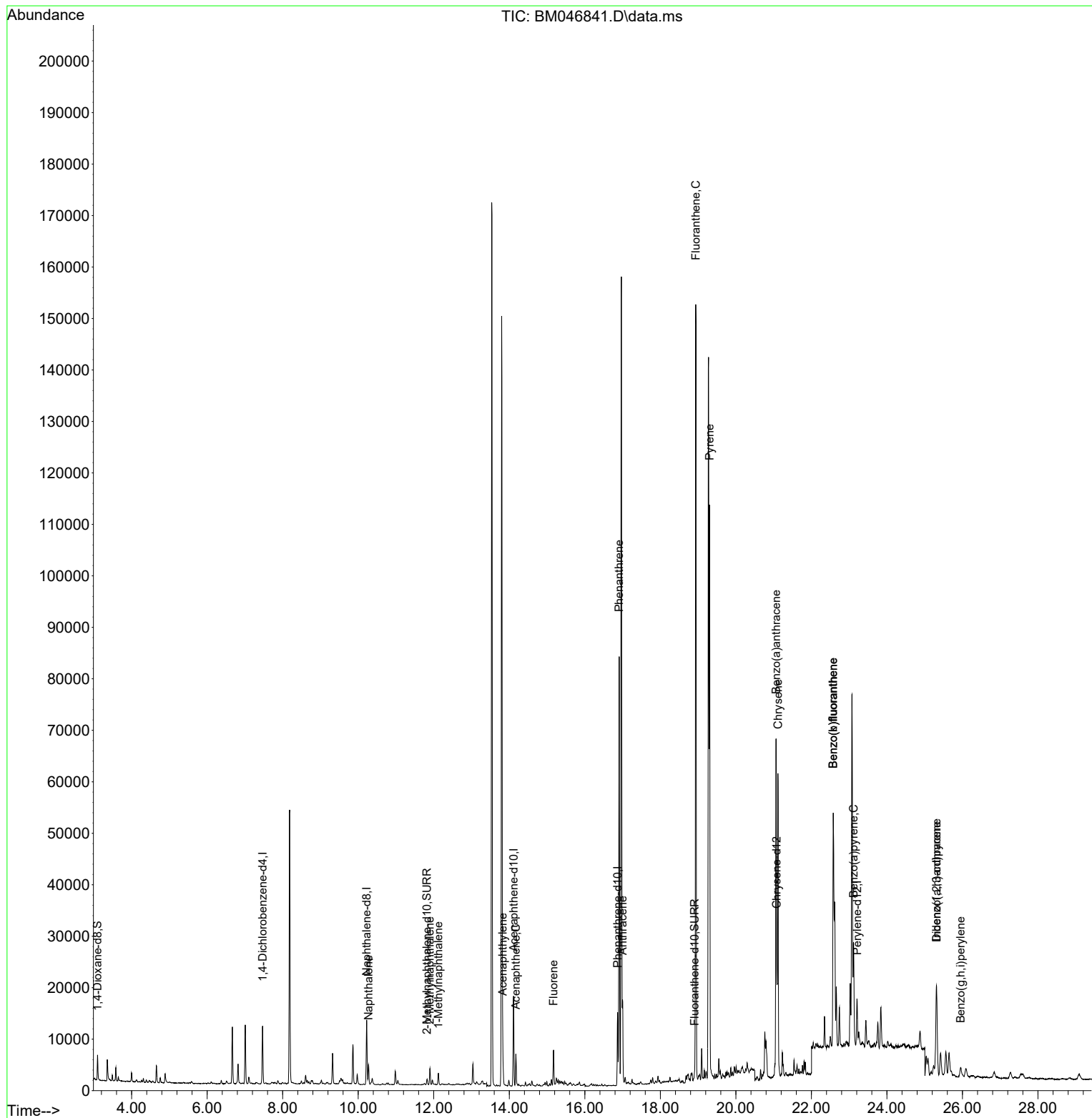
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.468  | 152  | 5433     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.222 | 136  | 16197    | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.113 | 164  | 9344     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.867 | 188  | 17176    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.079 | 240  | 9279     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.209 | 264  | 9620     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.096  | 96   | 2826     | 0.743 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.822 | 152  | 1331     | 0.052 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.909 | 212  | 1965     | 0.065 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.271 | 128  | 5032     | 0.123 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 11.899 | 142  | 2192     | 0.078 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.124 | 142  | 1566     | 0.054 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.827 | 152  | 7200     | 0.168 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.174 | 153  | 3558     | 0.122 | ng/ul  | 97       |
| 12) Fluorene                | 15.173 | 166  | 4361     | 0.120 | ng/ul  | 98       |
| 15) Phenanthrene            | 16.909 | 178  | 83298    | 1.687 | ng/ul  | 98       |
| 16) Anthracene              | 16.998 | 178  | 15997    | 0.348 | ng/ul  | 98       |
| 19) Fluoranthene            | 18.937 | 202  | 134701   | 3.305 | ng/ul# | 96       |
| 20) Pyrene                  | 19.304 | 202  | 95167    | 2.258 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.064 | 228  | 52160    | 1.349 | ng/ul  | 96       |
| 22) Chrysene                | 21.114 | 228  | 56904    | 1.449 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.577 | 252  | 99570    | 2.358 | ng/ul  | 94       |
| 25) Benzo(k)fluoranthene    | 22.577 | 252  | 99570    | 2.339 | ng/ul  | 94       |
| 26) Benzo(a)pyrene          | 23.115 | 252  | 26423    | 0.871 | ng/ul# | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.313 | 276  | 26346    | 0.565 | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 25.316 | 278  | 8442     | 0.247 | ng/ul# | 75       |
| 29) Benzo(g,h,i)perylene    | 25.953 | 276  | 4342     | 0.106 | ng/ul# | 63       |
| -----                       |        |      |          |       |        |          |

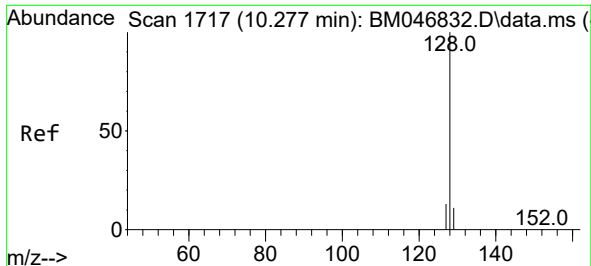
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072624\  
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Sample : P3263-19DL 5X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
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QLast Update : Wed Jul 24 15:10:37 2024  
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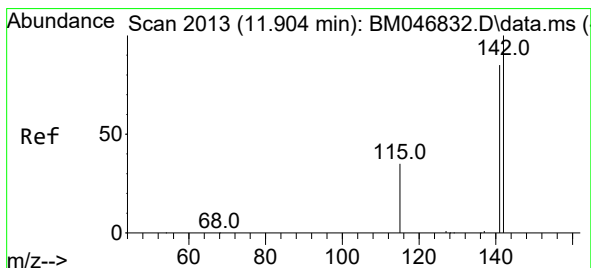
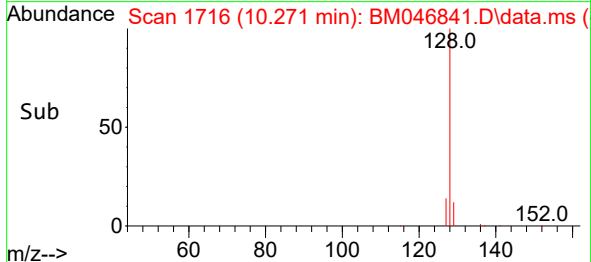
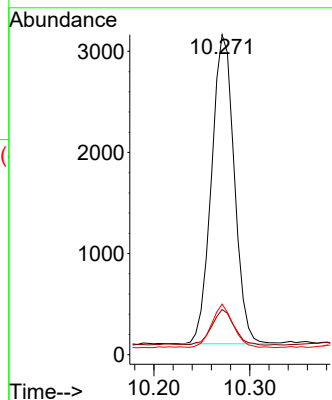
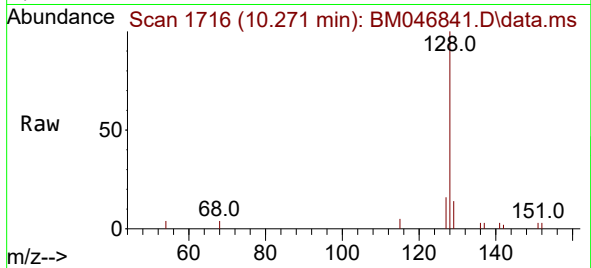




#5  
Naphthalene  
Concen: 0.123 ng/ul  
RT: 10.271 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BM046841.D  
Acq: 26 Jul 2024 21:34

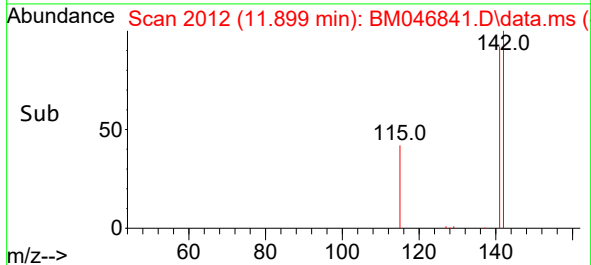
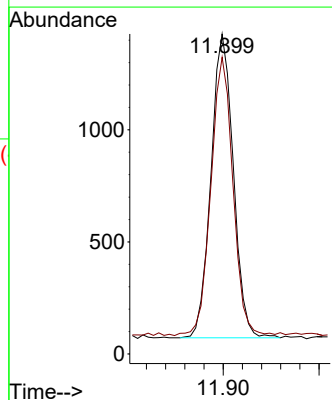
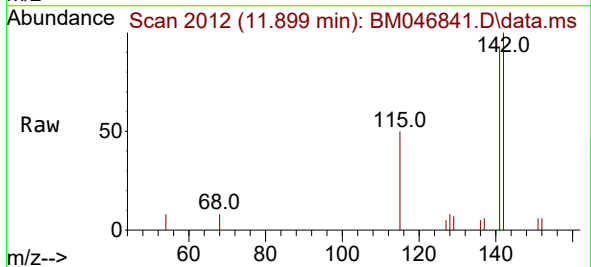
Instrument :  
BNA\_M  
ClientSampleId :  
A4CK9DL

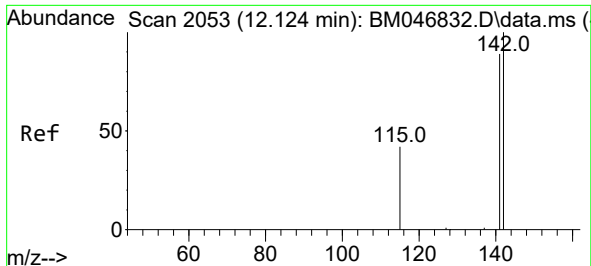
Tgt Ion:128 Resp: 5032  
Ion Ratio Lower Upper  
128 100  
129 14.1 10.1 15.1  
127 15.8 11.5 17.3



#7  
2-Methylnaphthalene  
Concen: 0.078 ng/ul  
RT: 11.899 min Scan# 2012  
Delta R.T. -0.005 min  
Lab File: BM046841.D  
Acq: 26 Jul 2024 21:34

Tgt Ion:142 Resp: 2192  
Ion Ratio Lower Upper  
142 100  
141 90.6 70.5 105.7

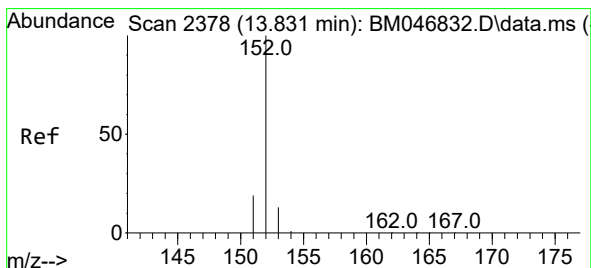
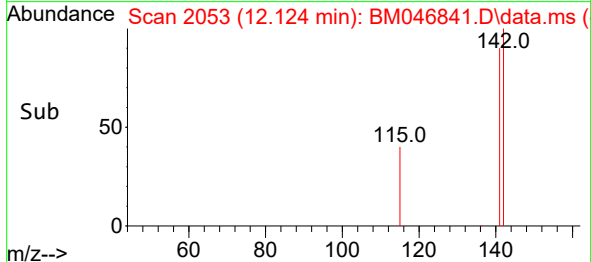
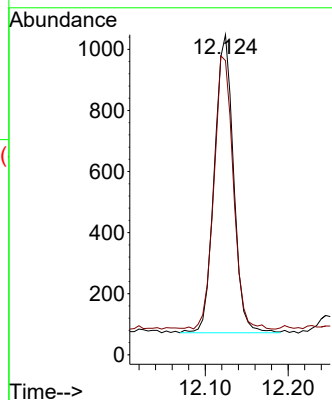
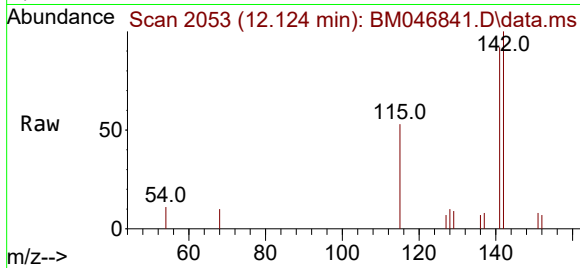




#8  
1-Methylnaphthalene  
Concen: 0.054 ng/ul  
RT: 12.124 min Scan# 2053  
Delta R.T. -0.005 min  
Lab File: BM046841.D  
Acq: 26 Jul 2024 21:34

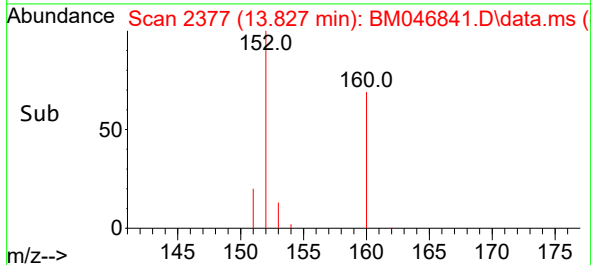
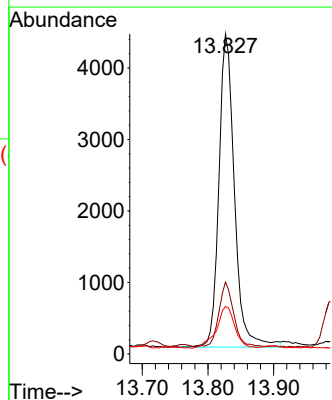
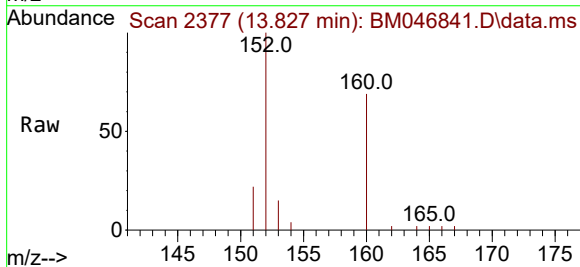
Instrument :  
BNA\_M  
ClientSampleId :  
A4CK9DL

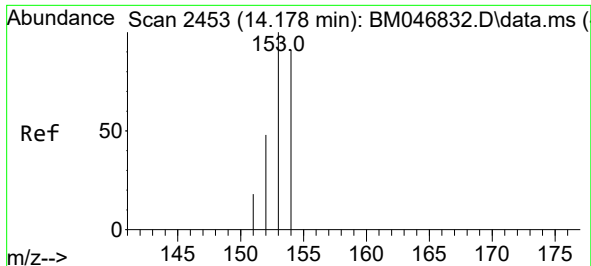
Tgt Ion:142 Resp: 1566  
Ion Ratio Lower Upper  
142 100  
141 92.5 73.1 109.7



#10  
Acenaphthylene  
Concen: 0.168 ng/ul  
RT: 13.827 min Scan# 2377  
Delta R.T. -0.005 min  
Lab File: BM046841.D  
Acq: 26 Jul 2024 21:34

Tgt Ion:152 Resp: 7200  
Ion Ratio Lower Upper  
152 100  
151 22.5 16.8 25.2  
153 14.9 11.0 16.6

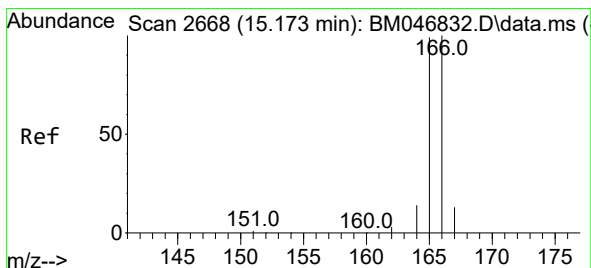
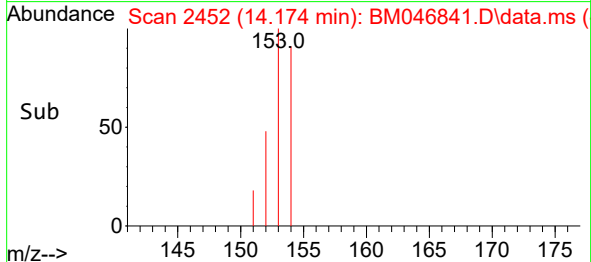
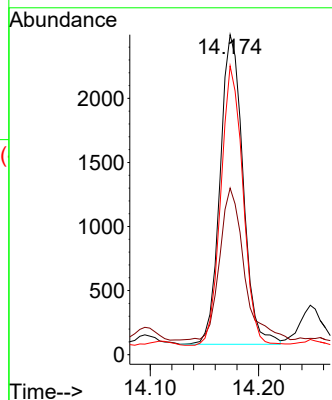
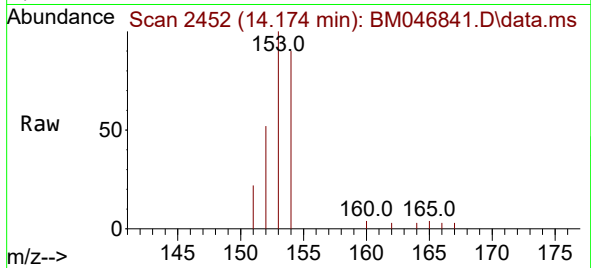




#11  
Acenaphthene  
Concen: 0.122 ng/ul  
RT: 14.174 min Scan# 2452  
Delta R.T. -0.009 min  
Lab File: BM046841.D  
Acq: 26 Jul 2024 21:34

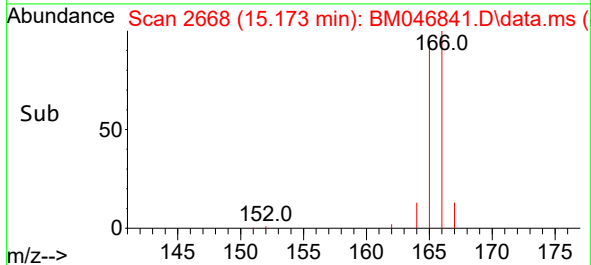
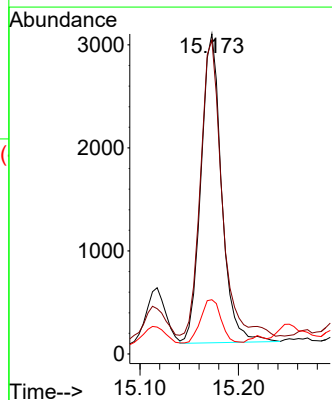
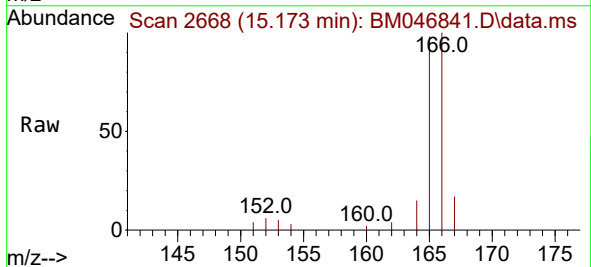
Instrument :  
BNA\_M  
ClientSampleId :  
A4CK9DL

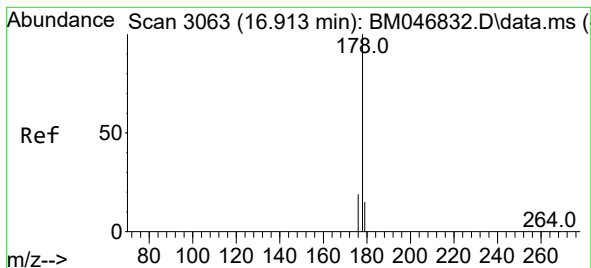
Tgt Ion:153 Resp: 3558  
Ion Ratio Lower Upper  
153 100  
152 52.1 38.6 57.8  
154 90.2 70.8 106.2



#12  
Fluorene  
Concen: 0.120 ng/ul  
RT: 15.173 min Scan# 2668  
Delta R.T. -0.005 min  
Lab File: BM046841.D  
Acq: 26 Jul 2024 21:34

Tgt Ion:166 Resp: 4361  
Ion Ratio Lower Upper  
166 100  
165 98.0 79.8 119.6  
167 16.9 12.3 18.5





#15

Phenanthrene

Concen: 1.687 ng/ul

RT: 16.909 min Scan# 3062

Delta R.T. -0.004 min

Lab File: BM046841.D

Acq: 26 Jul 2024 21:34

Instrument :

BNA\_M

ClientSampleId :

A4CK9DL

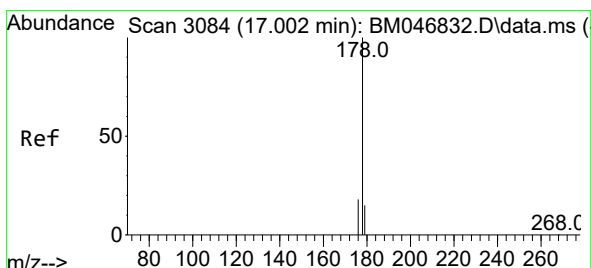
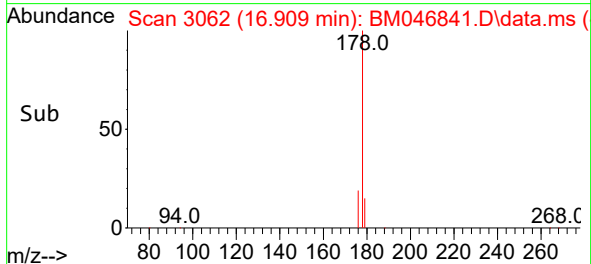
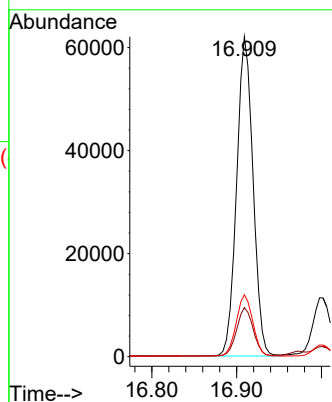
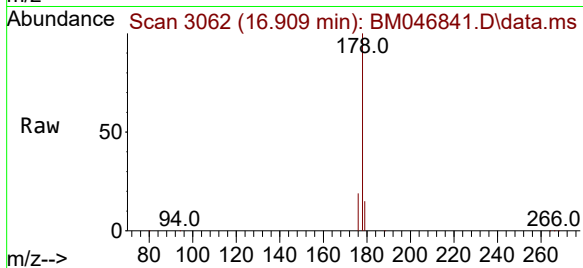
Tgt Ion:178 Resp: 83298

Ion Ratio Lower Upper

178 100

179 15.4 13.4 20.2

176 19.3 16.1 24.1



#16

Anthracene

Concen: 0.348 ng/ul

RT: 16.998 min Scan# 3083

Delta R.T. -0.008 min

Lab File: BM046841.D

Acq: 26 Jul 2024 21:34

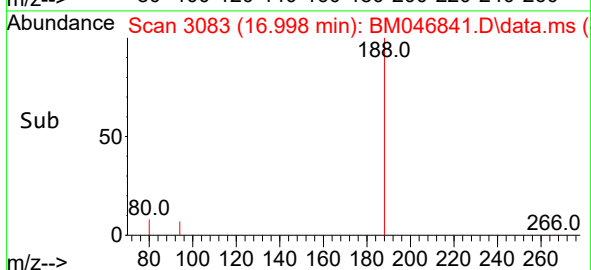
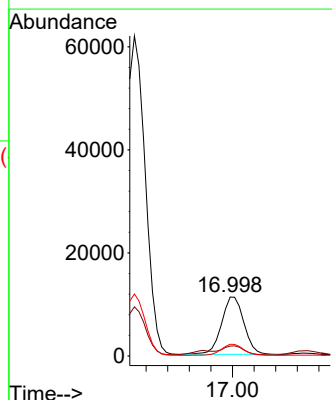
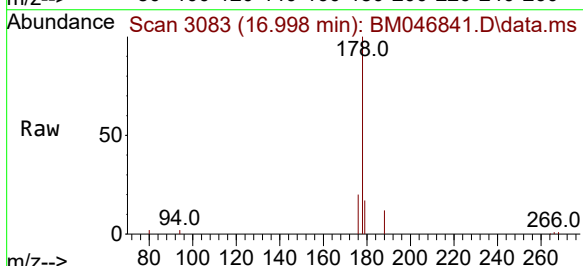
Tgt Ion:178 Resp: 15997

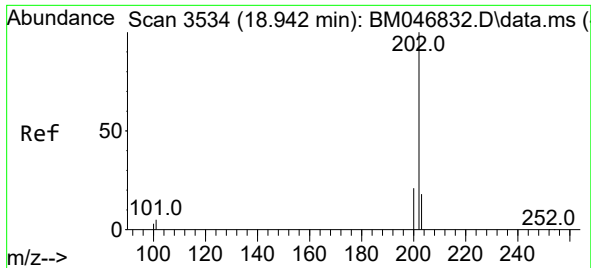
Ion Ratio Lower Upper

178 100

179 16.8 13.1 19.7

176 19.8 15.0 22.6

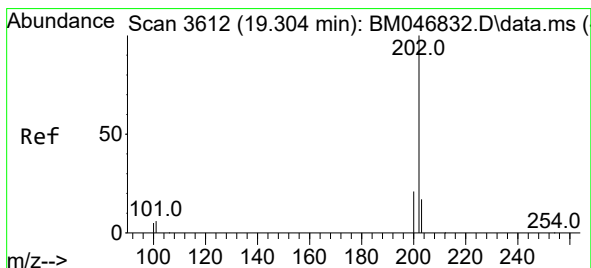
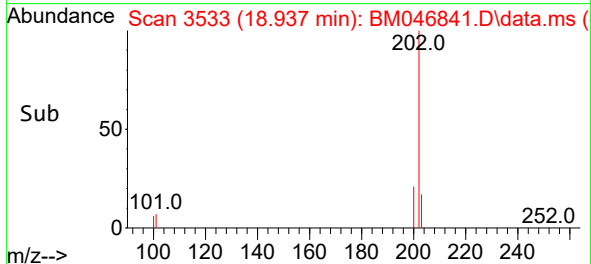
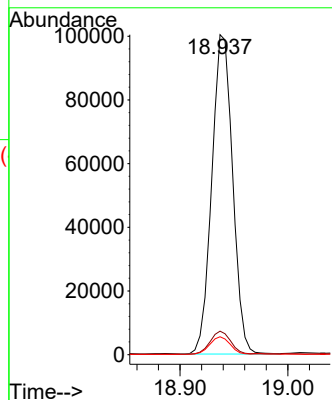
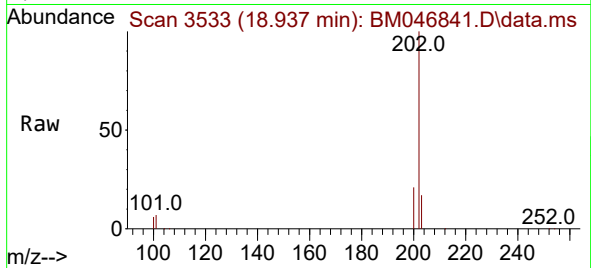




#19  
Fluoranthene  
Concen: 3.305 ng/ul  
RT: 18.937 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BM046841.D  
Acq: 26 Jul 2024 21:34

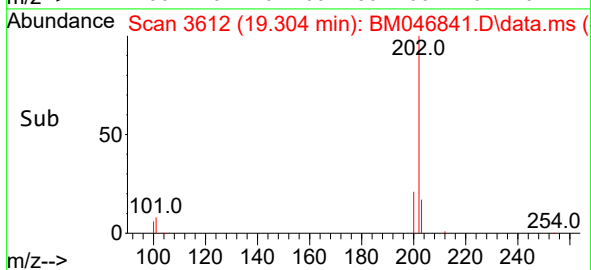
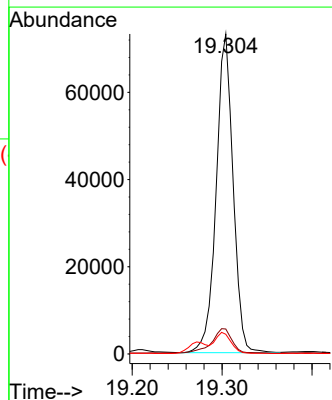
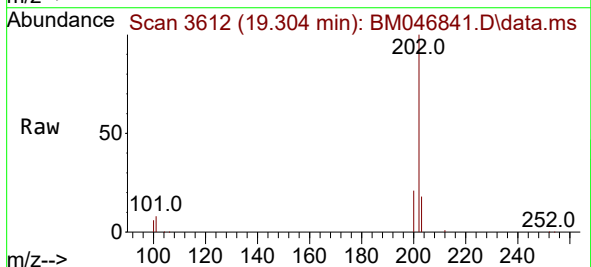
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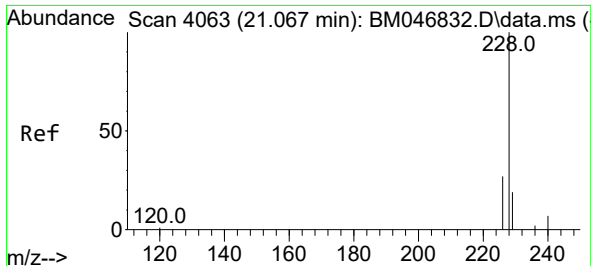
Tgt Ion:202 Resp: 134701  
Ion Ratio Lower Upper  
202 100  
101 7.3 4.7 7.1#  
100 5.6 3.4 5.2#



#20  
Pyrene  
Concen: 2.258 ng/ul  
RT: 19.304 min Scan# 3612  
Delta R.T. 0.000 min  
Lab File: BM046841.D  
Acq: 26 Jul 2024 21:34

Tgt Ion:202 Resp: 95167  
Ion Ratio Lower Upper  
202 100  
101 7.8 5.2 7.8  
100 6.2 4.3 6.5

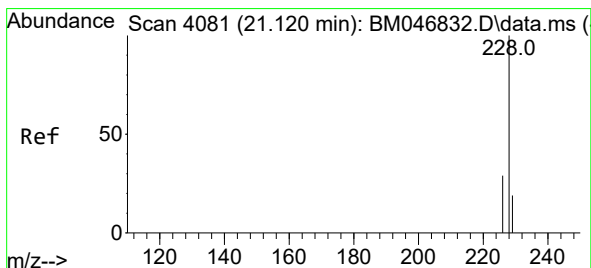
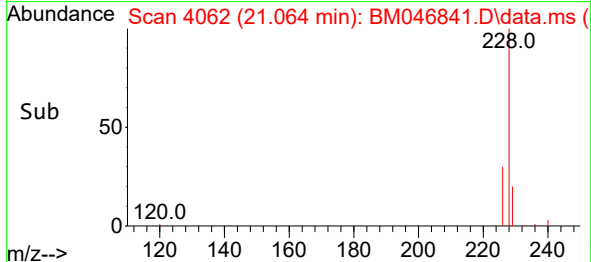
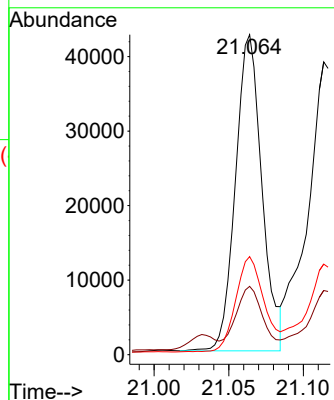
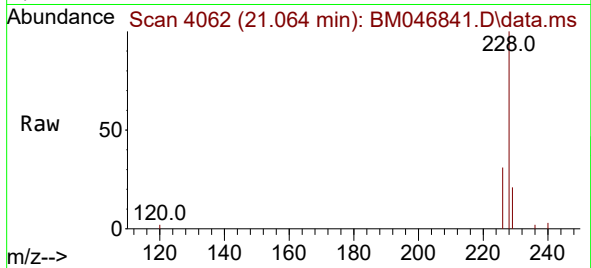




#21  
Benzo(a)anthracene  
Concen: 1.349 ng/ul  
RT: 21.064 min Scan# 4062  
Delta R.T. 0.000 min  
Lab File: BM046841.D  
Acq: 26 Jul 2024 21:34

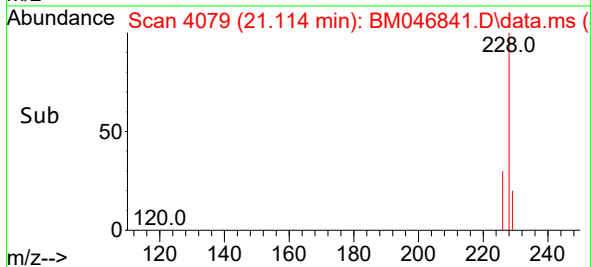
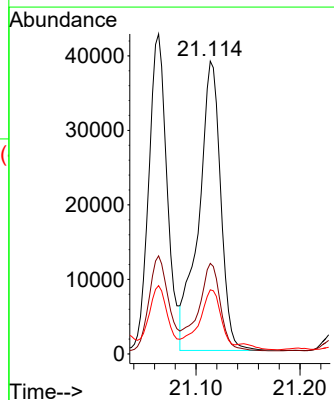
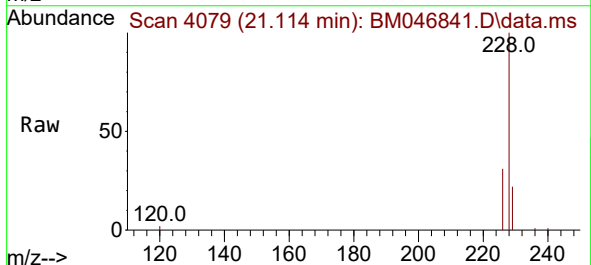
Instrument :  
BNA\_M  
ClientSampleId :  
A4CK9DL

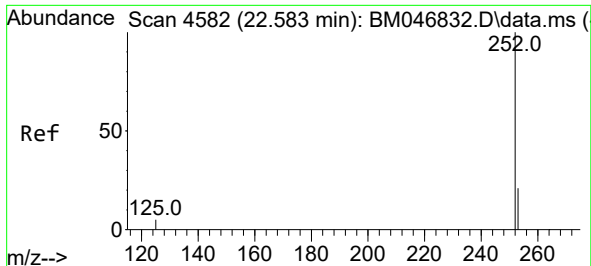
Tgt Ion:228 Resp: 52160  
Ion Ratio Lower Upper  
228 100  
229 21.3 16.3 24.5  
226 30.6 22.3 33.5



#22  
Chrysene  
Concen: 1.449 ng/ul  
RT: 21.114 min Scan# 4079  
Delta R.T. -0.003 min  
Lab File: BM046841.D  
Acq: 26 Jul 2024 21:34

Tgt Ion:228 Resp: 56904  
Ion Ratio Lower Upper  
228 100  
226 30.9 24.5 36.7  
229 21.9 16.2 24.2

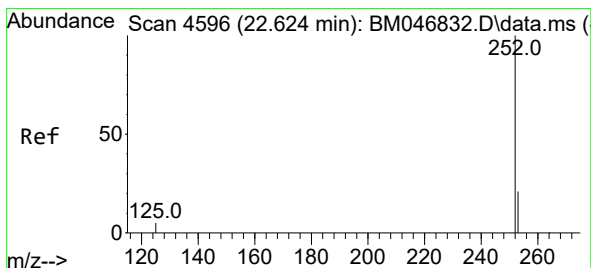
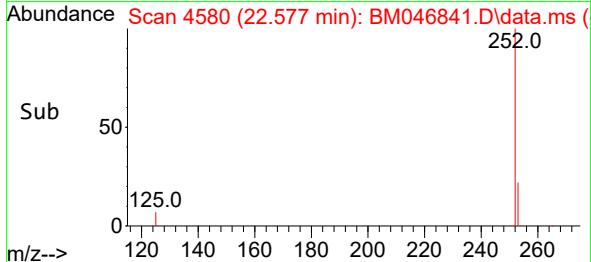
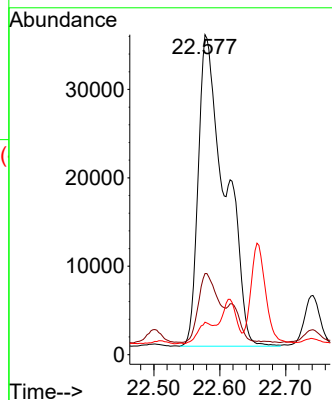
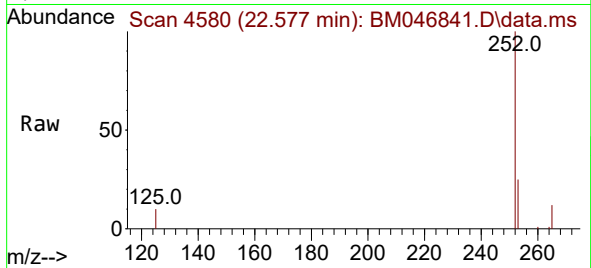




#24  
Benzo(b)fluoranthene  
Concen: 2.358 ng/ul  
RT: 22.577 min Scan# 4580  
Delta R.T. -0.003 min  
Lab File: BM046841.D  
Acq: 26 Jul 2024 21:34

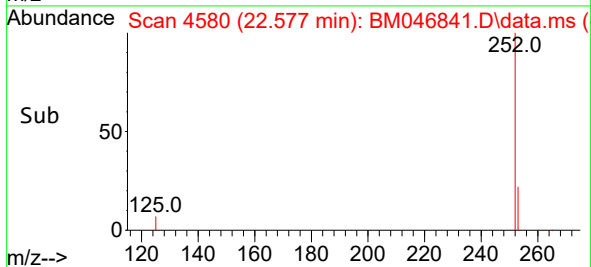
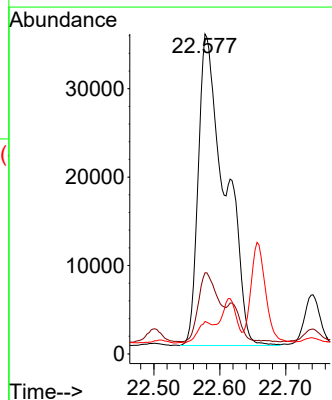
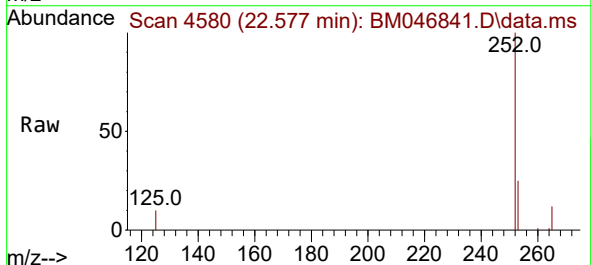
Instrument :  
BNA\_M  
ClientSampleId :  
A4CK9DL

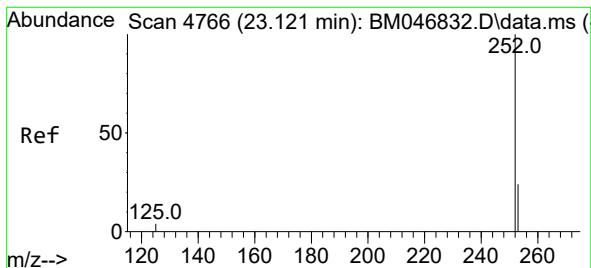
Tgt Ion:252 Resp: 99570  
Ion Ratio Lower Upper  
252 100  
253 25.3 0.0 56.4  
125 10.1 0.0 15.8



#25  
Benzo(k)fluoranthene  
Concen: 2.339 ng/ul  
RT: 22.577 min Scan# 4580  
Delta R.T. -0.044 min  
Lab File: BM046841.D  
Acq: 26 Jul 2024 21:34

Tgt Ion:252 Resp: 99570  
Ion Ratio Lower Upper  
252 100  
253 25.3 23.5 35.3  
125 10.1 8.6 13.0





#26

Benzo(a)pyrene

Concen: 0.871 ng/ul

RT: 23.115 min Scan# 4764

Delta R.T. -0.003 min

Lab File: BM046841.D

Acq: 26 Jul 2024 21:34

Instrument :

BNA\_M

ClientSampleId :

A4CK9DL

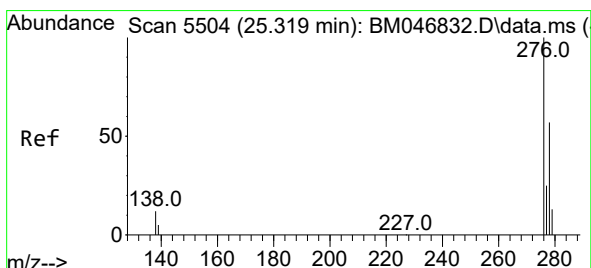
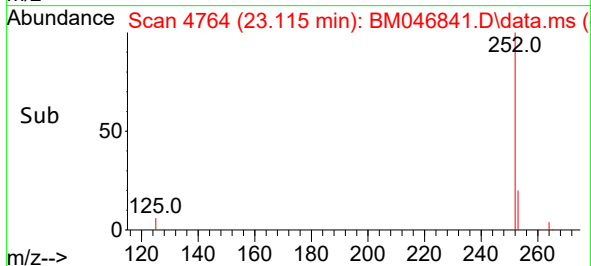
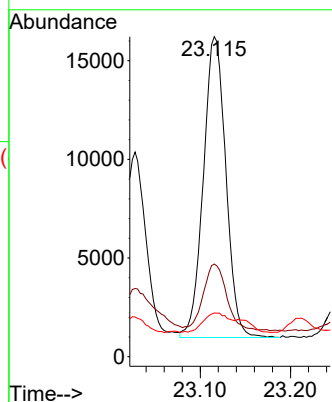
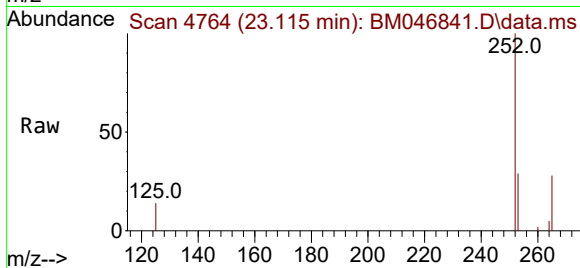
Tgt Ion:252 Resp: 26423

Ion Ratio Lower Upper

252 100

253 28.9 26.0 39.0

125 13.7 7.8 11.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.565 ng/ul

RT: 25.313 min Scan# 5502

Delta R.T. -0.003 min

Lab File: BM046841.D

Acq: 26 Jul 2024 21:34

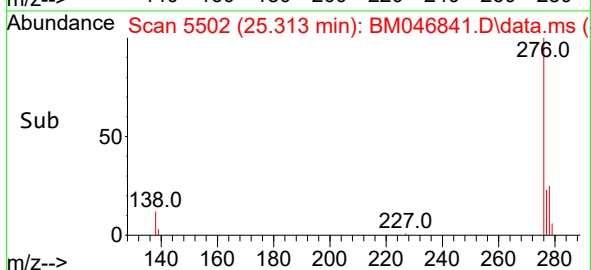
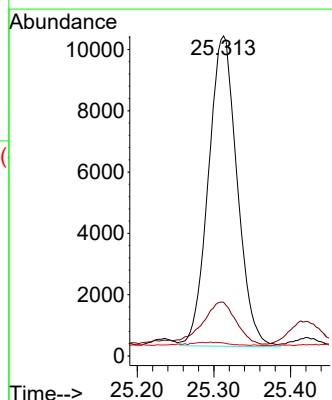
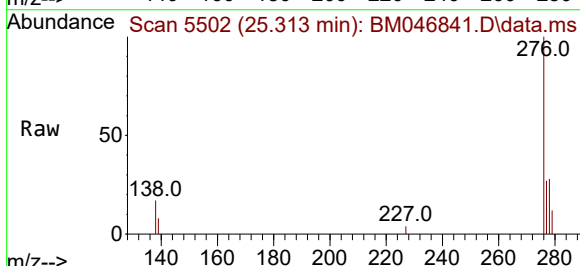
Tgt Ion:276 Resp: 26346

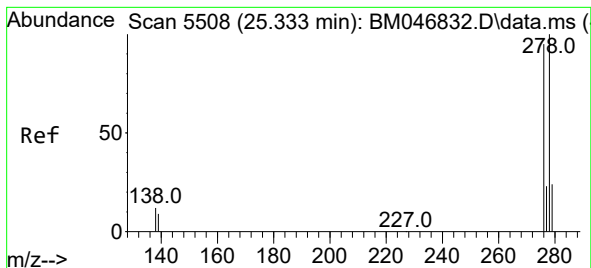
Ion Ratio Lower Upper

276 100

138 15.7 9.7 14.5#

227 1.2 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.247 ng/ul

RT: 25.316 min Scan# 51

Delta R.T. -0.017 min

Lab File: BM046841.D

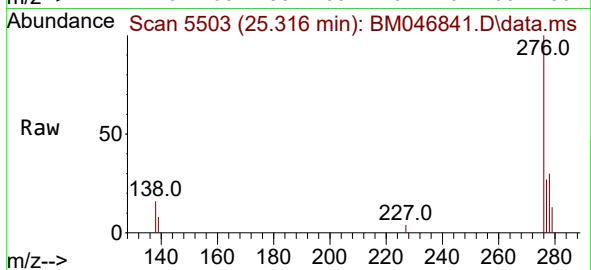
Acq: 26 Jul 2024 21:34

Instrument :

BNA\_M

ClientSampleId :

A4CK9DL



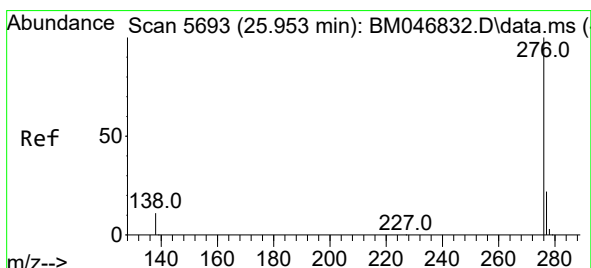
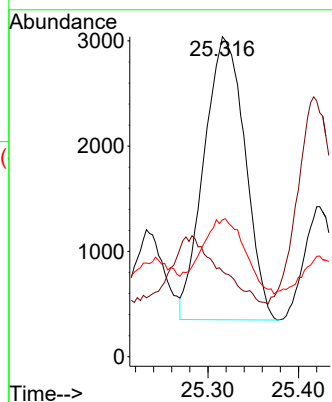
Tgt Ion:278 Resp: 8442

Ion Ratio Lower Upper

278 100

139 26.7 9.8 14.8#

279 42.8 25.2 37.8#



#29

Benzo(g,h,i)perylene

Concen: 0.106 ng/ul

RT: 25.953 min Scan# 5693

Delta R.T. 0.000 min

Lab File: BM046841.D

Acq: 26 Jul 2024 21:34

Tgt Ion:276 Resp: 4342

Ion Ratio Lower Upper

276 100

138 33.7 9.5 14.3#

277 40.6 20.9 31.3#

