

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
 Data File : BM036952.D  
 Acq On : 11 Oct 2022 19:30  
 Operator : CG/JU  
 Sample : N5024-03  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BF0

Quant Time: Oct 12 01:27:41 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 11 09:03:52 2022  
 Response via : Initial Calibration

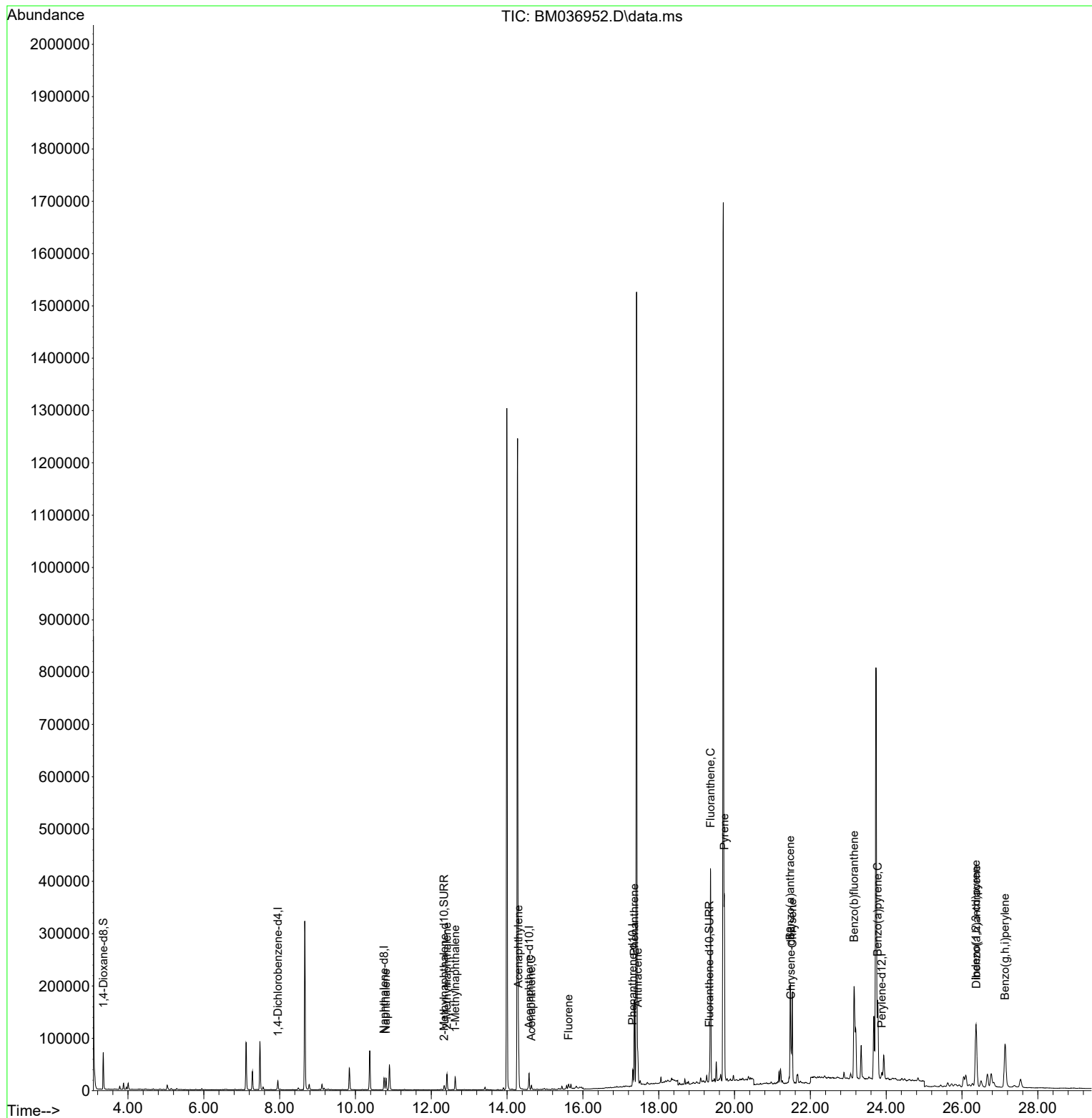
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.951  | 152  | 8589     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.754 | 136  | 30505    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.580 | 164  | 16678    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.313 | 188  | 33887    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.485 | 240  | 19437    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.885 | 264  | 17389    | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.348  | 96   | 41784    | 3.450 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.338 | 152  | 11029    | 0.239 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.336 | 212  | 19781    | 0.340 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.804 | 128  | 30394    | 0.349 | ng/ul  | 96       |
| 7) 2-Methylnaphthalene      | 12.415 | 142  | 21459    | 0.402 | ng/ul  | 91       |
| 8) 1-Methylnaphthalene      | 12.629 | 142  | 16987    | 0.314 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.302 | 152  | 110708   | 1.597 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.640 | 153  | 4955     | 0.082 | ng/ul  | 98       |
| 12) Fluorene                | 15.621 | 166  | 6863     | 0.101 | ng/ul# | 90       |
| 15) Phenanthrene            | 17.356 | 178  | 168573   | 1.558 | ng/ul  | 100      |
| 16) Anthracene              | 17.448 | 178  | 57599    | 0.637 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.368 | 202  | 333955   | 4.320 | ng/ul  | 97       |
| 20) Pyrene                  | 19.731 | 202  | 284082   | 3.524 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.468 | 228  | 155547   | 2.215 | ng/ul  | 94       |
| 22) Chrysene                | 21.520 | 228  | 170274   | 2.258 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 23.154 | 252  | 330066   | 4.249 | ng/ul  | 92       |
| 26) Benzo(a)pyrene          | 23.777 | 252  | 203903   | 3.235 | ng/ul# | 81       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.370 | 276  | 198910   | 2.228 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.380 | 278  | 49523    | 0.686 | ng/ul# | 90       |
| 29) Benzo(g,h,i)perylene    | 27.134 | 276  | 186746   | 2.374 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

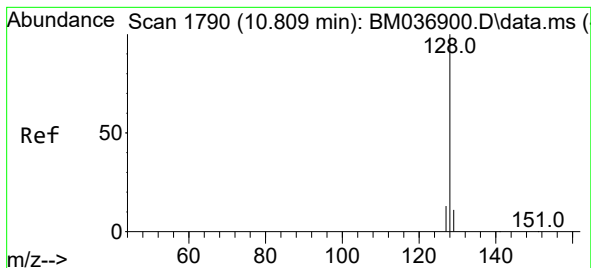
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
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ALS Vial : 55 Sample Multiplier: 1

Instrument :  
BNA\_M  
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C0BF0

Quant Time: Oct 12 01:27:41 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 11 09:03:52 2022  
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.349 ng/ul

RT: 10.804 min Scan# 1790

Delta R.T. 0.000 min

Lab File: BM036952.D

Acq: 11 Oct 2022 19:30

Instrument :

BNA\_M

ClientSampleId :

C0BF0

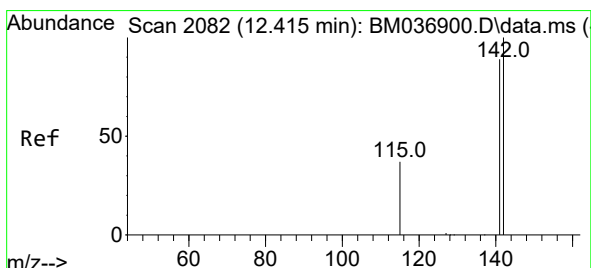
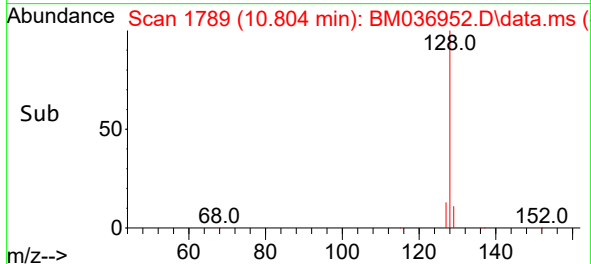
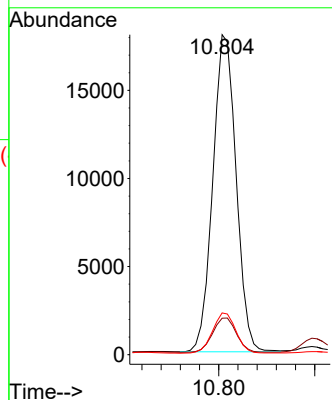
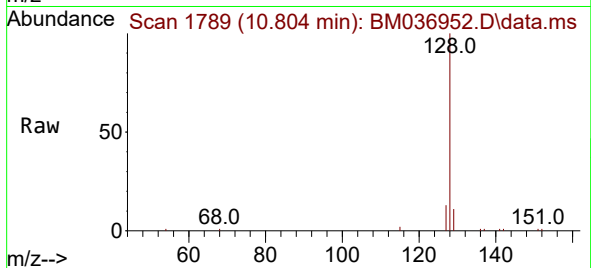
Tgt Ion:128 Resp: 30394

Ion Ratio Lower Upper

128 100

129 11.4 10.2 15.2

127 13.0 11.7 17.5



#7

2-Methylnaphthalene

Concen: 0.402 ng/ul

RT: 12.415 min Scan# 2082

Delta R.T. 0.000 min

Lab File: BM036952.D

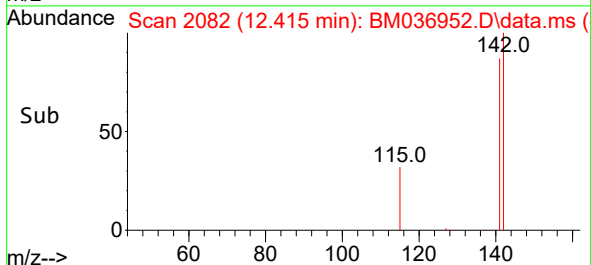
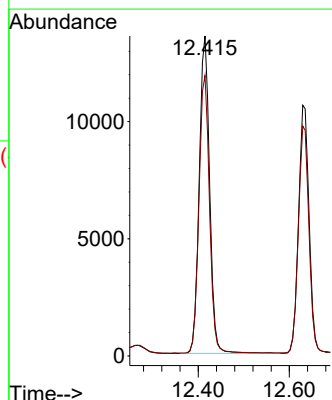
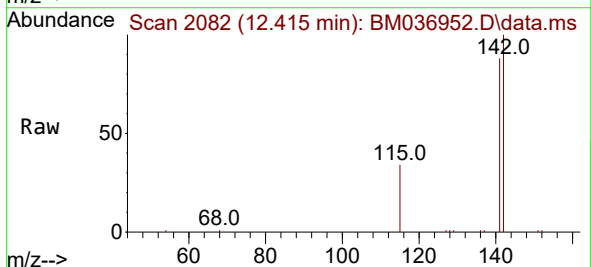
Acq: 11 Oct 2022 19:30

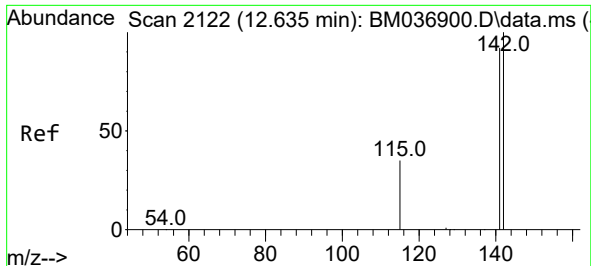
Tgt Ion:142 Resp: 21459

Ion Ratio Lower Upper

142 100

141 88.4 77.4 116.0

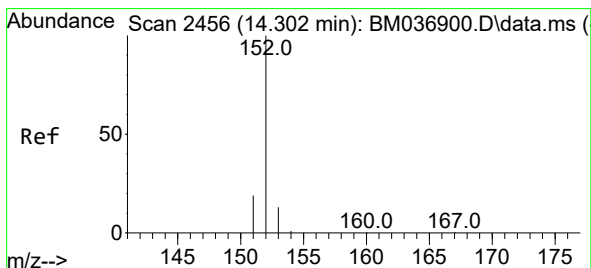
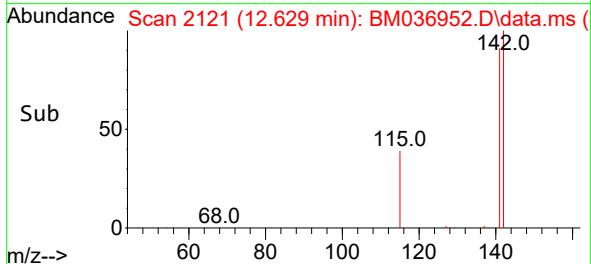
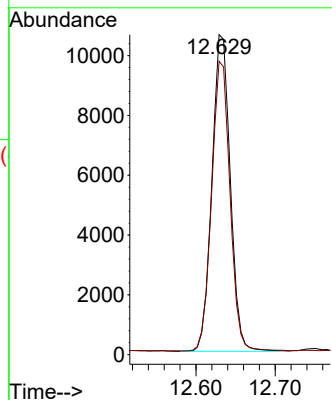
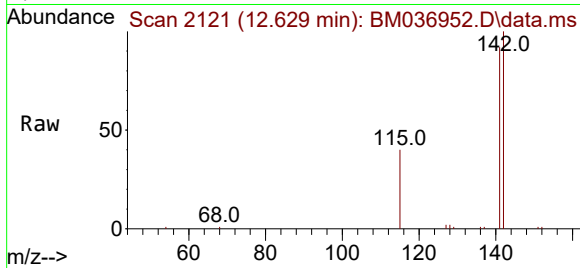




#8  
1-Methylnaphthalene  
Concen: 0.314 ng/ul  
RT: 12.629 min Scan# 2122  
Delta R.T. 0.000 min  
Lab File: BM036952.D  
Acq: 11 Oct 2022 19:30

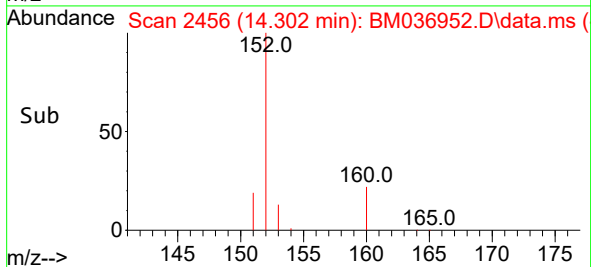
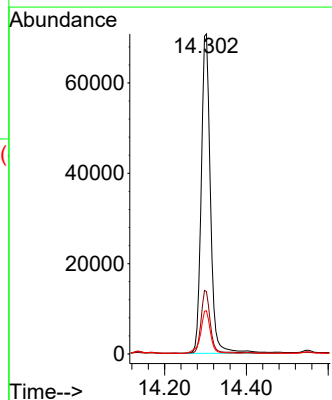
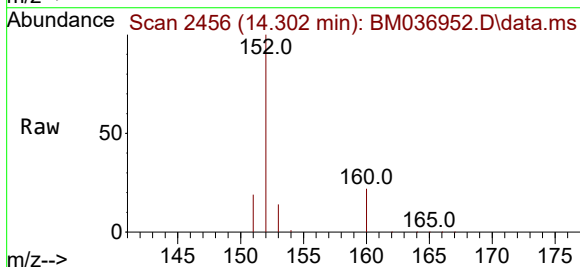
Instrument :  
BNA\_M  
ClientSampleId :  
C0BF0

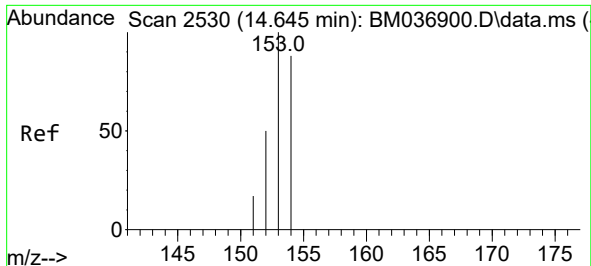
Tgt Ion:142 Resp: 16987  
Ion Ratio Lower Upper  
142 100  
141 91.5 74.1 111.1



#10  
Acenaphthylene  
Concen: 1.597 ng/ul  
RT: 14.302 min Scan# 2456  
Delta R.T. 0.005 min  
Lab File: BM036952.D  
Acq: 11 Oct 2022 19:30

Tgt Ion:152 Resp: 110708  
Ion Ratio Lower Upper  
152 100  
151 19.5 16.6 24.8  
153 13.5 11.4 17.0

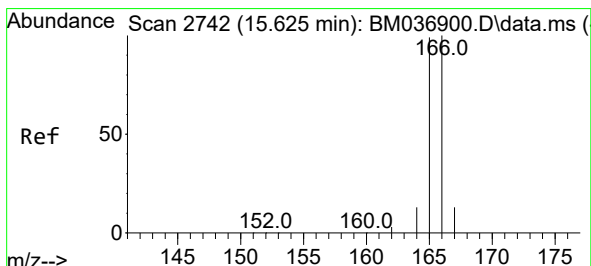
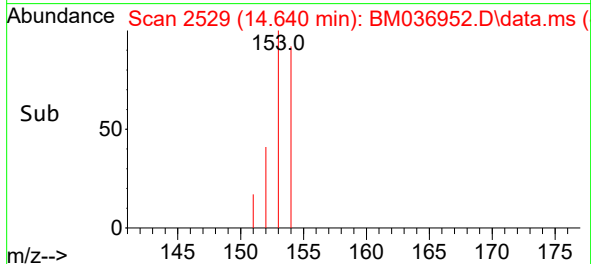
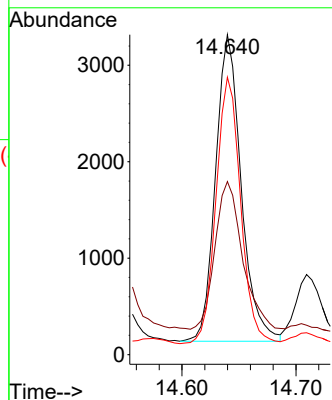
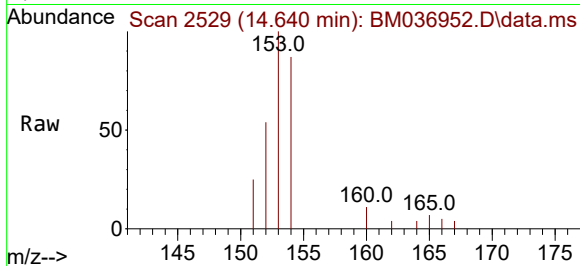




#11  
Acenaphthene  
Concen: 0.082 ng/ul  
RT: 14.640 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM036952.D  
Acq: 11 Oct 2022 19:30

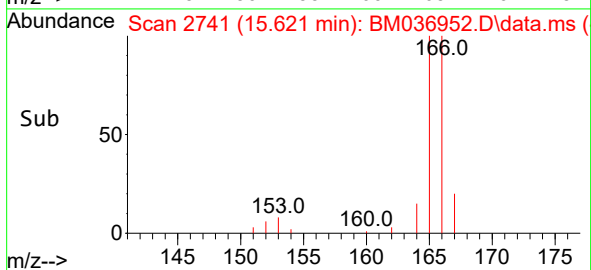
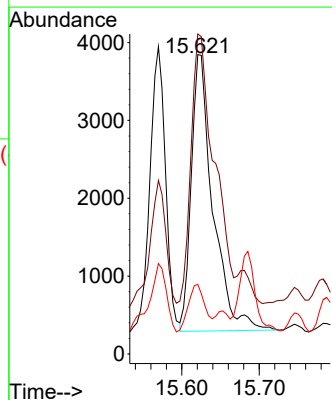
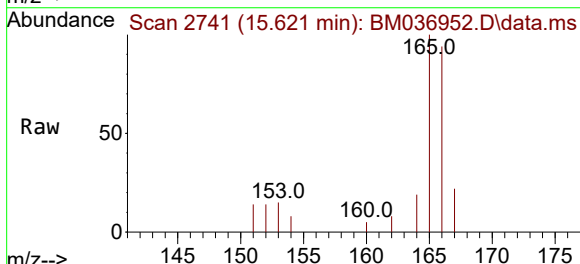
Instrument :  
BNA\_M  
ClientSampleId :  
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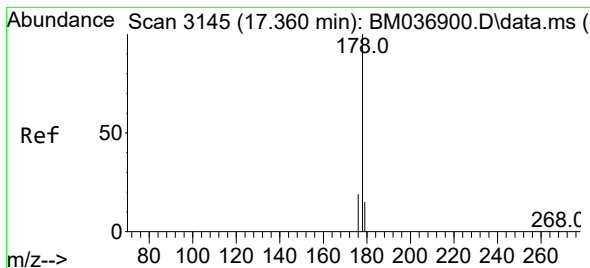
Tgt Ion:153 Resp: 4955  
Ion Ratio Lower Upper  
153 100  
152 54.1 40.2 60.4  
154 86.7 69.7 104.5



#12  
Fluorene  
Concen: 0.101 ng/ul  
RT: 15.621 min Scan# 2741  
Delta R.T. 0.000 min  
Lab File: BM036952.D  
Acq: 11 Oct 2022 19:30

Tgt Ion:166 Resp: 6863  
Ion Ratio Lower Upper  
166 100  
165 106.9 78.9 118.3  
167 23.3 11.3 16.9#





#15

Phenanthrene

Concen: 1.558 ng/ul

RT: 17.356 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BM036952.D

Acq: 11 Oct 2022 19:30

Instrument :

BNA\_M

ClientSampleId :

C0BF0

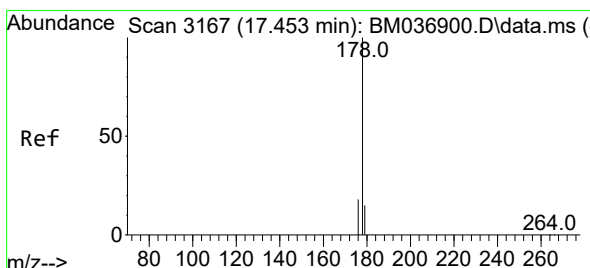
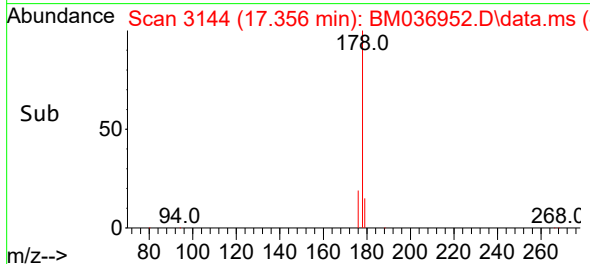
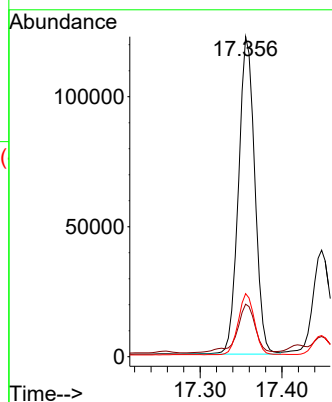
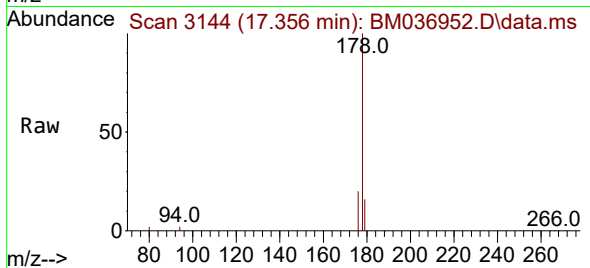
Tgt Ion:178 Resp: 168573

Ion Ratio Lower Upper

178 100

179 16.4 13.0 19.6

176 19.7 15.6 23.4



#16

Anthracene

Concen: 0.637 ng/ul

RT: 17.448 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BM036952.D

Acq: 11 Oct 2022 19:30

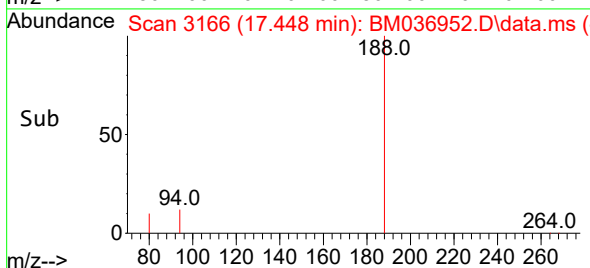
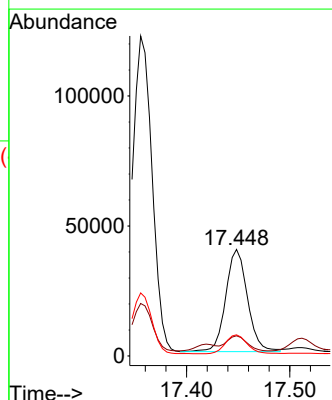
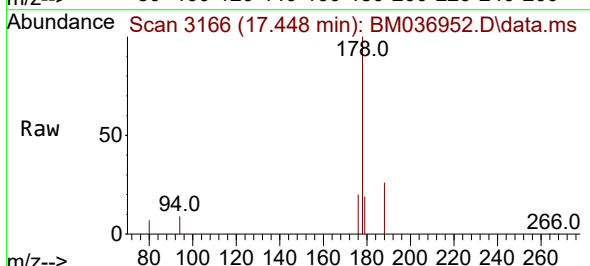
Tgt Ion:178 Resp: 57599

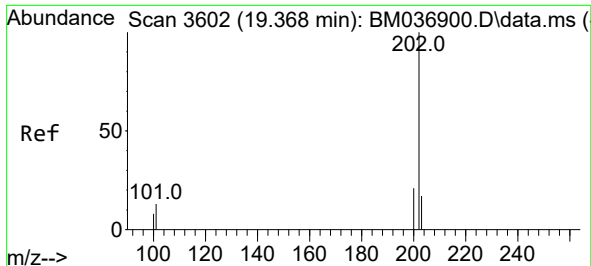
Ion Ratio Lower Upper

178 100

179 18.9 13.6 20.4

176 19.9 15.6 23.4

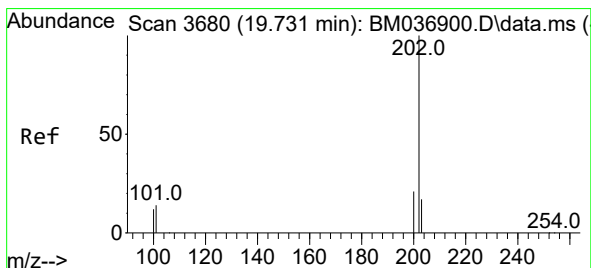
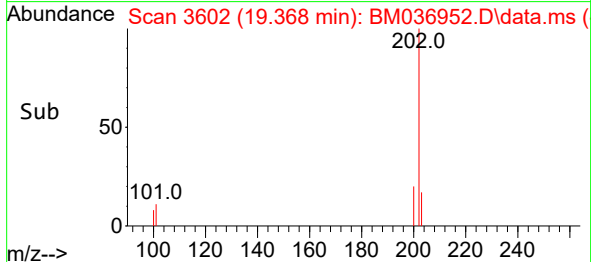
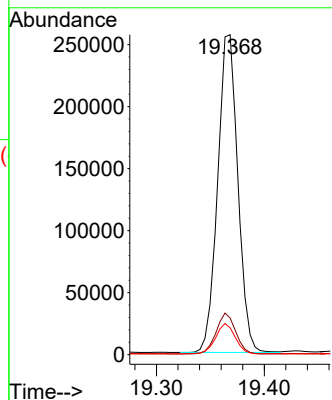
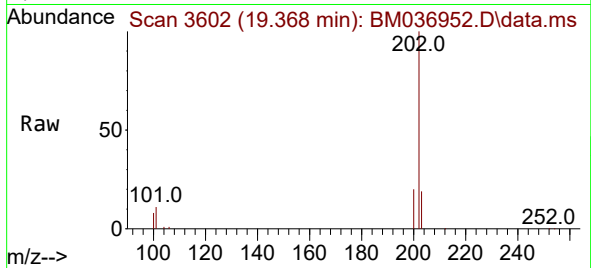




#19  
Fluoranthene  
Concen: 4.320 ng/ul  
RT: 19.368 min Scan# 3602  
Delta R.T. 0.005 min  
Lab File: BM036952.D  
Acq: 11 Oct 2022 19:30

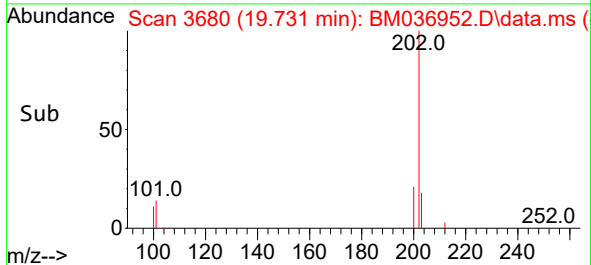
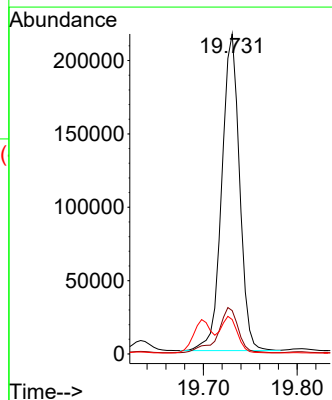
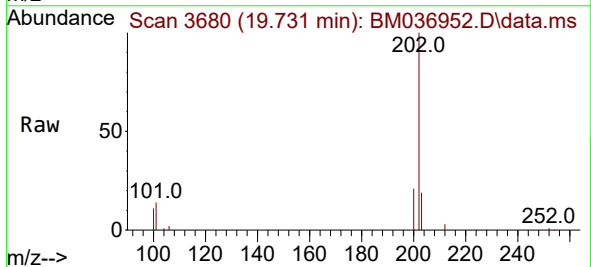
Instrument :  
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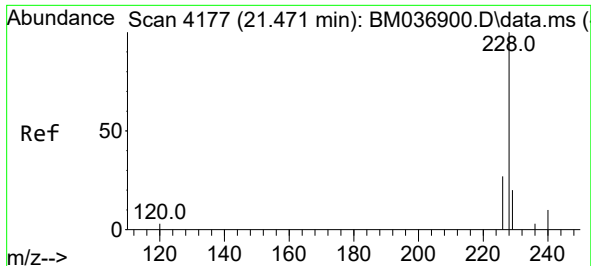
Tgt Ion:202 Resp: 333955  
Ion Ratio Lower Upper  
202 100  
101 11.4 10.1 15.1  
100 8.4 7.9 11.9



#20  
Pyrene  
Concen: 3.524 ng/ul  
RT: 19.731 min Scan# 3680  
Delta R.T. 0.005 min  
Lab File: BM036952.D  
Acq: 11 Oct 2022 19:30

Tgt Ion:202 Resp: 284082  
Ion Ratio Lower Upper  
202 100  
101 13.6 12.0 18.0  
100 10.8 9.8 14.6

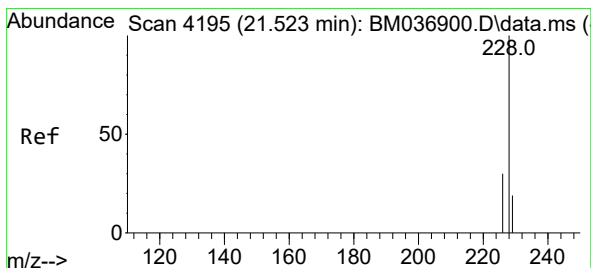
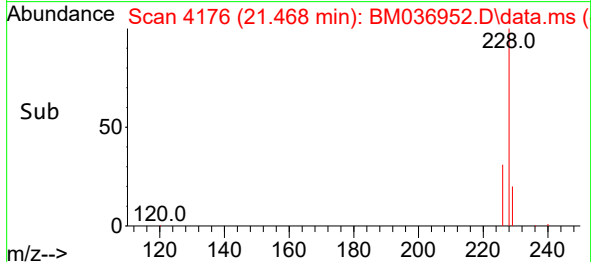
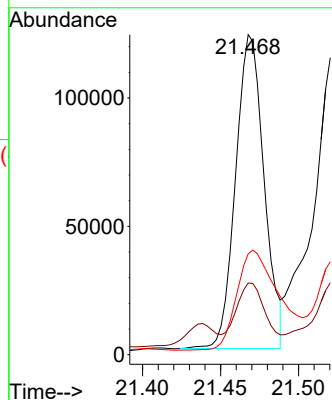
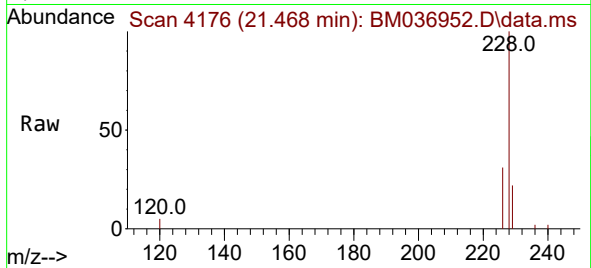




#21  
Benzo(a)anthracene  
Concen: 2.215 ng/ul  
RT: 21.468 min Scan# 4176  
Delta R.T. 0.000 min  
Lab File: BM036952.D  
Acq: 11 Oct 2022 19:30

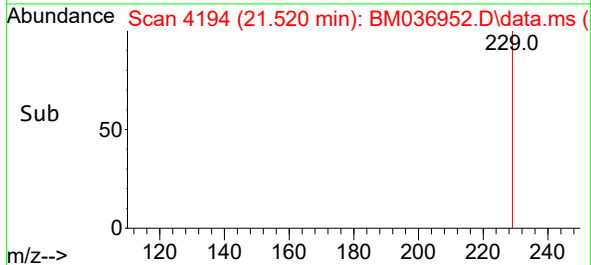
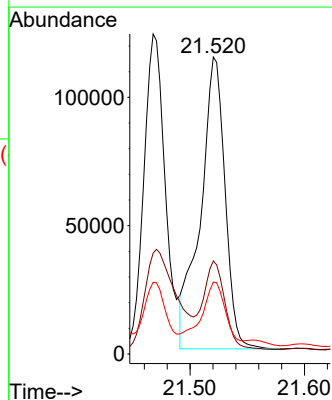
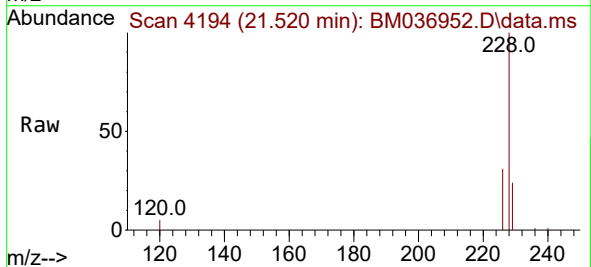
Instrument :  
BNA\_M  
ClientSampleId :  
C0BF0

Tgt Ion:228 Resp: 155547  
Ion Ratio Lower Upper  
228 100  
229 22.4 16.2 24.2  
226 31.5 22.5 33.7

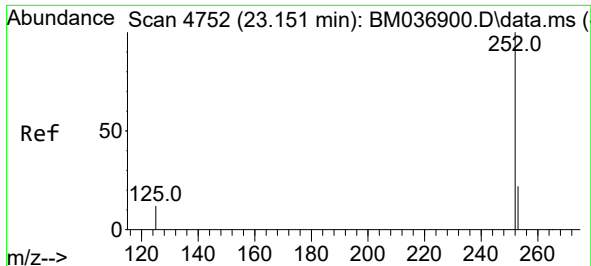


#22  
Chrysene  
Concen: 2.258 ng/ul  
RT: 21.520 min Scan# 4194  
Delta R.T. 0.000 min  
Lab File: BM036952.D  
Acq: 11 Oct 2022 19:30

Tgt Ion:228 Resp: 170274  
Ion Ratio Lower Upper  
228 100  
226 31.3 24.6 37.0  
229 24.2 16.4 24.6



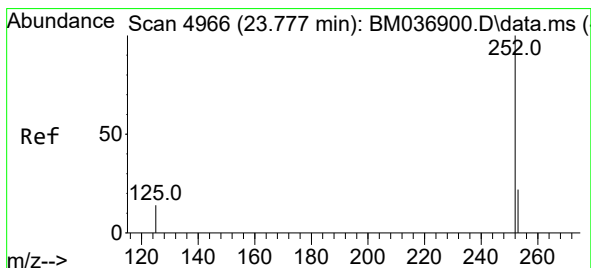
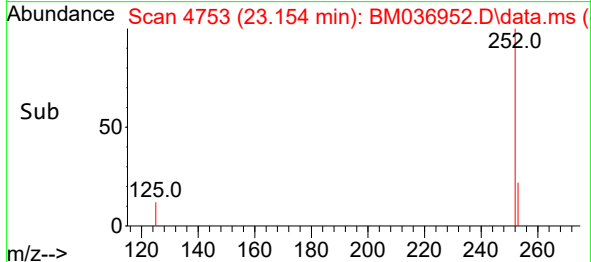
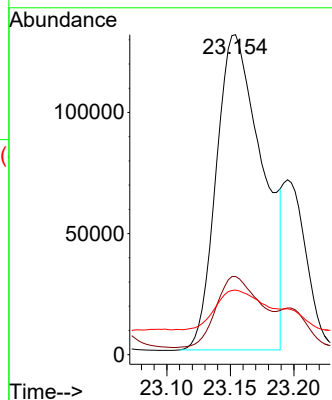
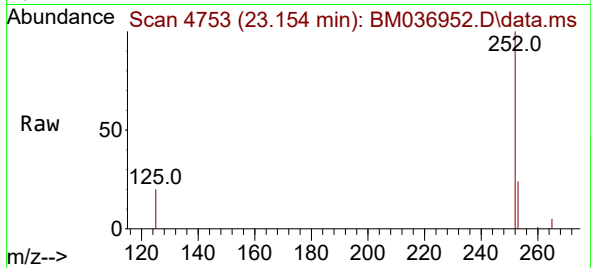




#24  
Benzo(b)fluoranthene  
Concen: 4.249 ng/ul  
RT: 23.154 min Scan# 4752  
Delta R.T. 0.009 min  
Lab File: BM036952.D  
Acq: 11 Oct 2022 19:30

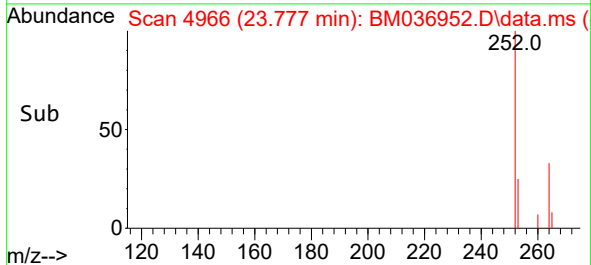
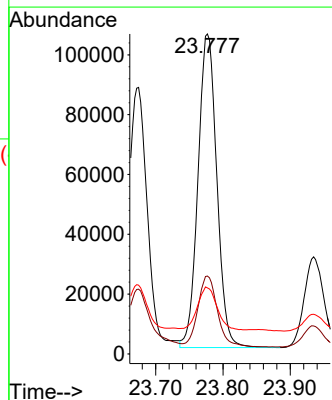
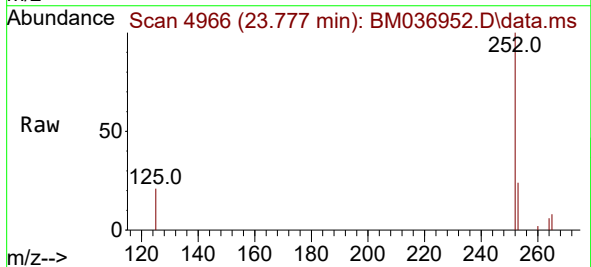
Instrument :  
BNA\_M  
ClientSampleId :  
C0BF0

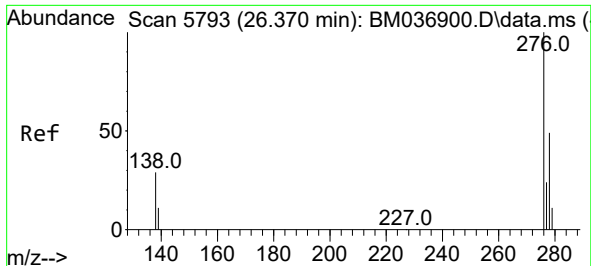
Tgt Ion:252 Resp: 330066  
Ion Ratio Lower Upper  
252 100  
253 24.4 0.0 61.4  
125 20.2 0.0 42.6



#26  
Benzo(a)pyrene  
Concen: 3.235 ng/ul  
RT: 23.777 min Scan# 4966  
Delta R.T. 0.006 min  
Lab File: BM036952.D  
Acq: 11 Oct 2022 19:30

Tgt Ion:252 Resp: 203903  
Ion Ratio Lower Upper  
252 100  
253 24.3 29.7 44.5#  
125 20.7 23.6 35.4#

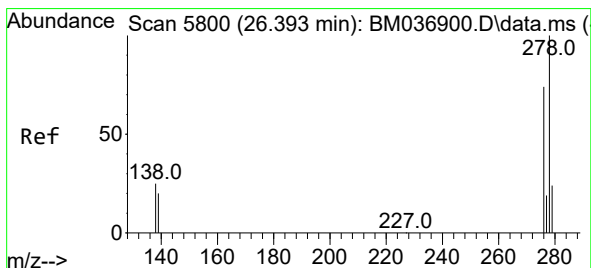
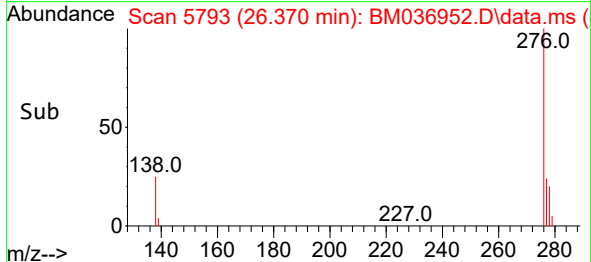
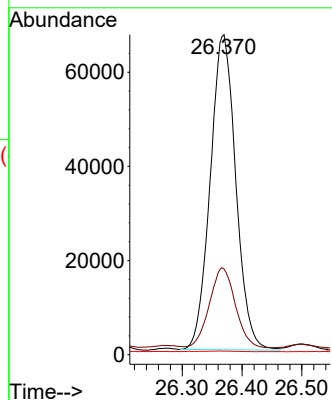
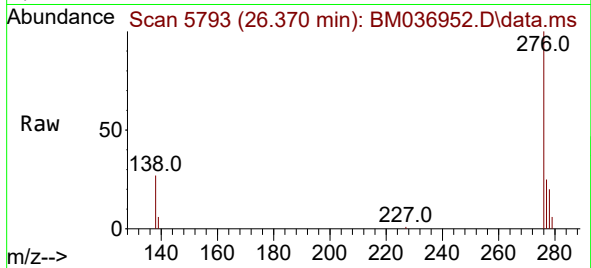




#27  
Indeno(1,2,3-cd)pyrene  
Concen: 2.228 ng/ul  
RT: 26.370 min Scan# 5793  
Delta R.T. 0.007 min  
Lab File: BM036952.D  
Acq: 11 Oct 2022 19:30

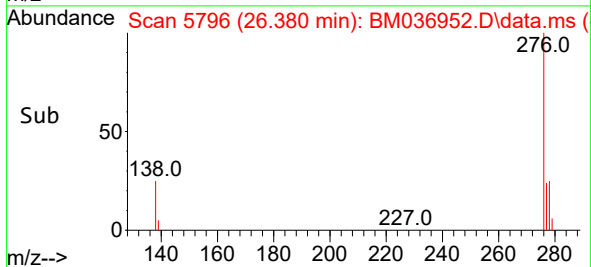
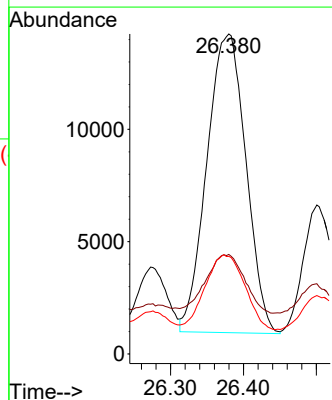
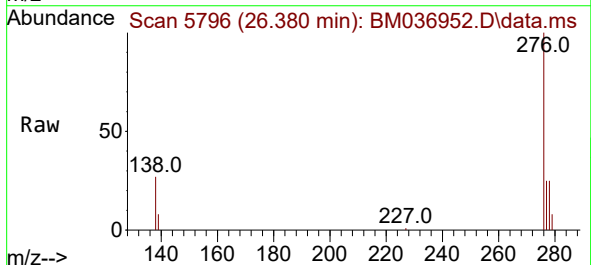
Instrument :  
BNA\_M  
ClientSampleId :  
C0BF0

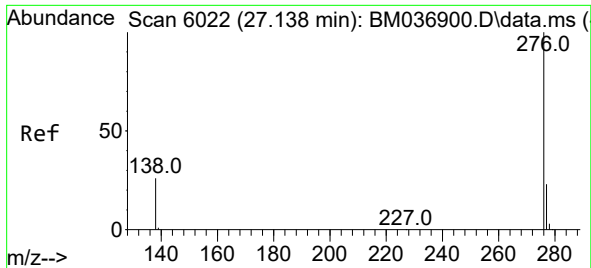
Tgt Ion:276 Resp: 198910  
Ion Ratio Lower Upper  
276 100  
138 25.8 23.9 35.9  
227 0.2 0.1 0.1#



#28  
Dibenzo(a,h)anthracene  
Concen: 0.686 ng/ul  
RT: 26.380 min Scan# 5796  
Delta R.T. 0.000 min  
Lab File: BM036952.D  
Acq: 11 Oct 2022 19:30

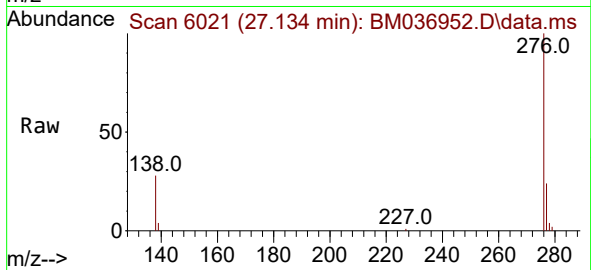
Tgt Ion:278 Resp: 49523  
Ion Ratio Lower Upper  
278 100  
139 31.1 19.8 29.6#  
279 30.5 27.7 41.5





#29  
 Benzo(g,h,i)perylene  
 Concen: 2.374 ng/ul  
 RT: 27.134 min Scan# 60  
 Delta R.T. 0.007 min  
 Lab File: BM036952.D  
 Acq: 11 Oct 2022 19:30

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BF0



Tgt Ion:276 Resp: 186746  
 Ion Ratio Lower Upper  
 276 100  
 138 27.9 23.4 35.0  
 277 24.4 21.0 31.4

