

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
 Data File : BM036954.D  
 Acq On : 11 Oct 2022 20:41  
 Operator : CG/JU  
 Sample : N5024-06  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BF6

Quant Time: Oct 12 01:28:01 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

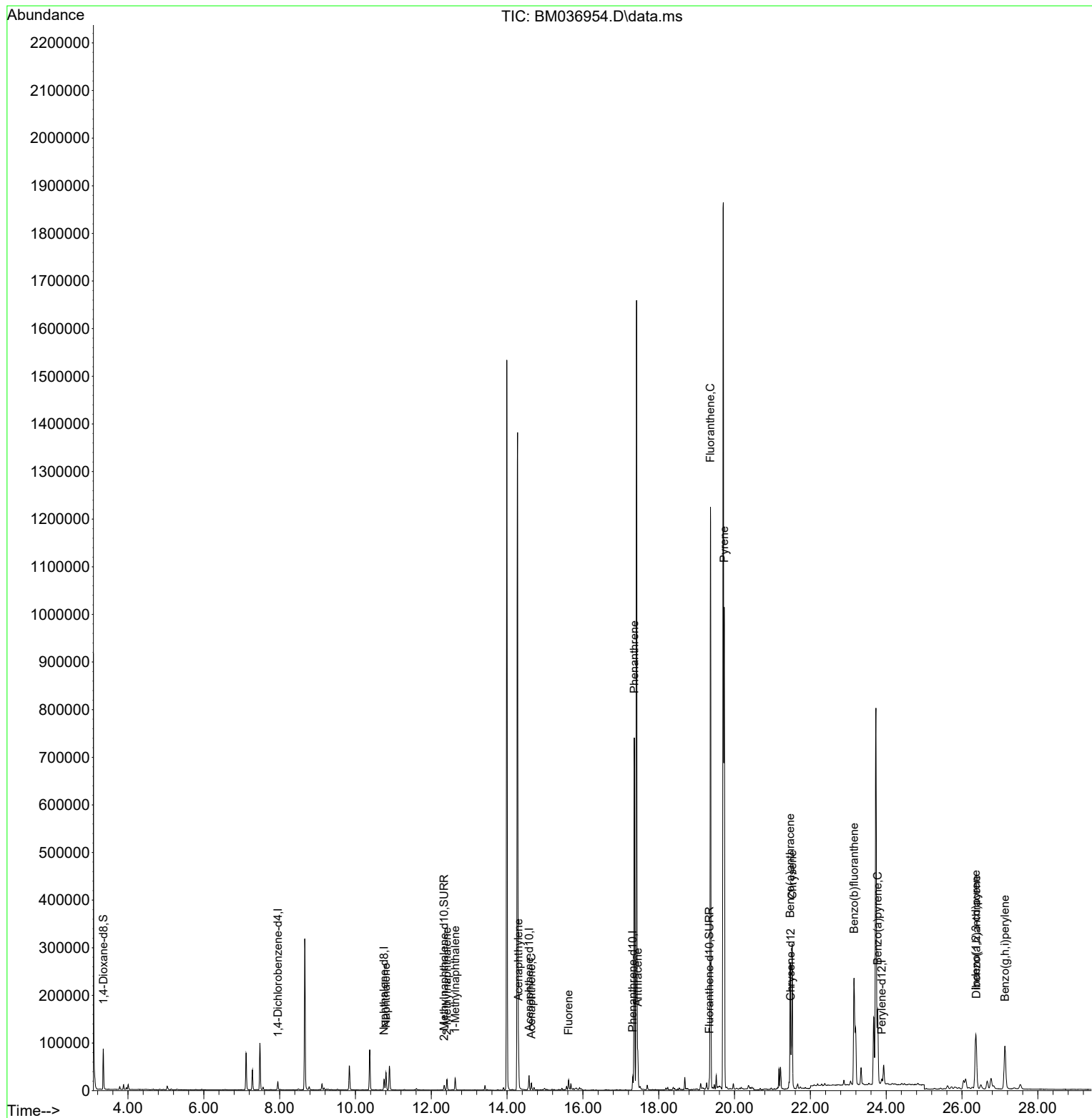
| Compound                    | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|----------|
| -----                       |        |      |          |        |         |          |
| Internal Standards          |        |      |          |        |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.951  | 152  | 8353     | 0.400  | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.754 | 136  | 29885    | 0.400  | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.580 | 164  | 16290    | 0.400  | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.313 | 188  | 31735    | 0.400  | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.482 | 240  | 17895    | 0.400  | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.882 | 264  | 14852    | 0.400  | ng/ul   | 0.00     |
|                             |        |      |          |        |         |          |
| System Monitoring Compounds |        |      |          |        |         |          |
| 3) 1,4-Dioxane-d8           | 3.348  | 96   | 50955    | 4.326  | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.338 | 152  | 12691    | 0.281  | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.336 | 212  | 22055    | 0.412  | ng/ul   | 0.00     |
|                             |        |      |          |        |         |          |
| Target Compounds            |        |      |          |        |         | Qvalue   |
| 5) Naphthalene              | 10.804 | 128  | 50125    | 0.587  | ng/ul   | 97       |
| 7) 2-Methylnaphthalene      | 12.415 | 142  | 15928    | 0.305  | ng/ul   | 92       |
| 8) 1-Methylnaphthalene      | 12.629 | 142  | 17188    | 0.324  | ng/ul   | 98       |
| 10) Acenaphthylene          | 14.302 | 152  | 91553    | 1.352  | ng/ul   | 98       |
| 11) Acenaphthene            | 14.640 | 153  | 8273     | 0.141  | ng/ul   | 98       |
| 12) Fluorene                | 15.621 | 166  | 13794    | 0.207  | ng/ul#  | 99       |
| 15) Phenanthrene            | 17.356 | 178  | 744865   | 7.352  | ng/ul   | 99       |
| 16) Anthracene              | 17.448 | 178  | 70288    | 0.830  | ng/ul   | 98       |
| 19) Fluoranthene            | 19.364 | 202  | 1010344  | 14.195 | ng/ul   | 99       |
| 20) Pyrene                  | 19.726 | 202  | 787447   | 10.609 | ng/ul   | 100      |
| 21) Benzo(a)anthracene      | 21.468 | 228  | 222147   | 3.436  | ng/ul   | 99       |
| 22) Chrysene                | 21.520 | 228  | 299944   | 4.321  | ng/ul   | 99       |
| 24) Benzo(b)fluoranthene    | 23.151 | 252  | 409280   | 6.169  | ng/ul   | 85       |
| 26) Benzo(a)pyrene          | 23.774 | 252  | 213997   | 3.975  | ng/ul#  | 76       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.363 | 276  | 202084   | 2.650  | ng/ul#  | 92       |
| 28) Dibenzo(a,h)anthracene  | 26.376 | 278  | 44162    | 0.717  | ng/ul   | 93       |
| 29) Benzo(g,h,i)perylene    | 27.131 | 276  | 191171   | 2.845  | ng/ul   | 96       |
| -----                       |        |      |          |        |         |          |

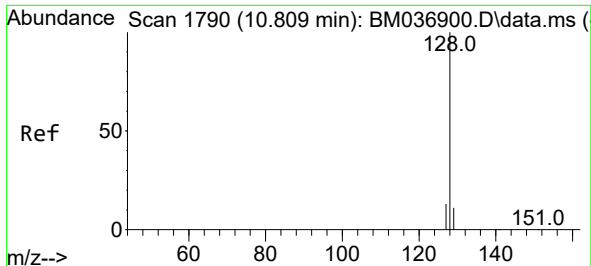
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
Data File : BM036954.D  
Acq On : 11 Oct 2022 20:41  
Operator : CG/JU  
Sample : N5024-06  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Time: Oct 12 01:28:01 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

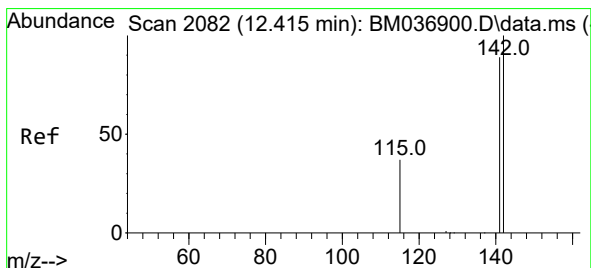
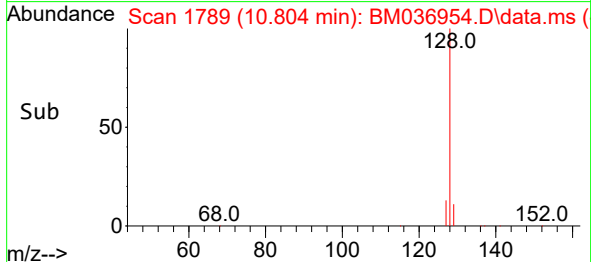
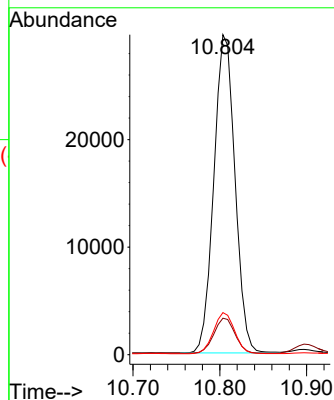
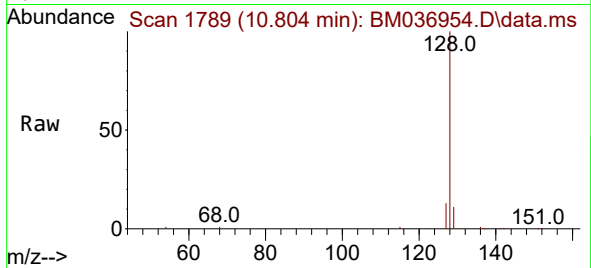




#5  
Naphthalene  
Concen: 0.587 ng/ul  
RT: 10.804 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: BM036954.D  
Acq: 11 Oct 2022 20:41

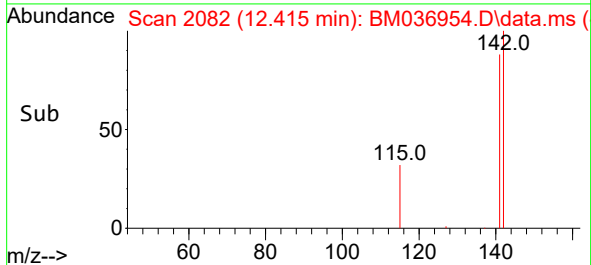
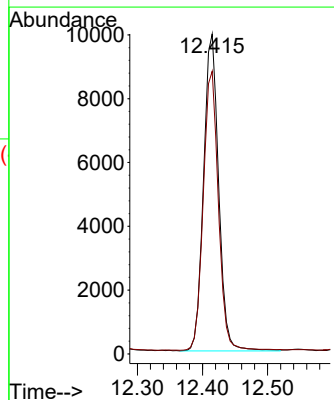
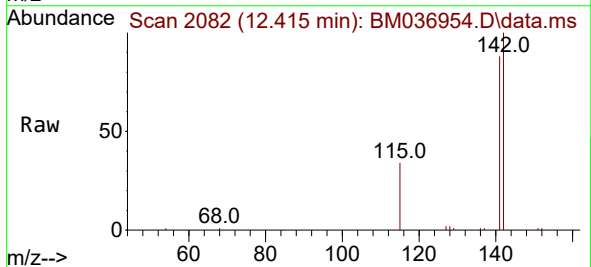
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BNA\_M  
ClientSampleId :  
C0BF6

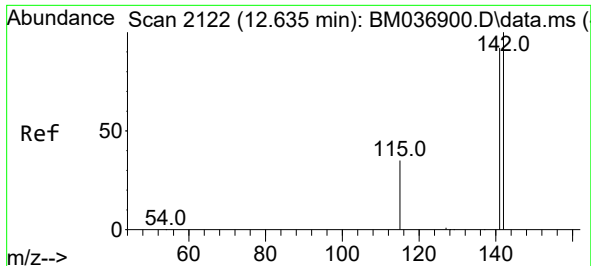
Tgt Ion:128 Resp: 50125  
Ion Ratio Lower Upper  
128 100  
129 11.4 10.2 15.2  
127 13.2 11.7 17.5



#7  
2-Methylnaphthalene  
Concen: 0.305 ng/ul  
RT: 12.415 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: BM036954.D  
Acq: 11 Oct 2022 20:41

Tgt Ion:142 Resp: 15928  
Ion Ratio Lower Upper  
142 100  
141 88.7 77.4 116.0

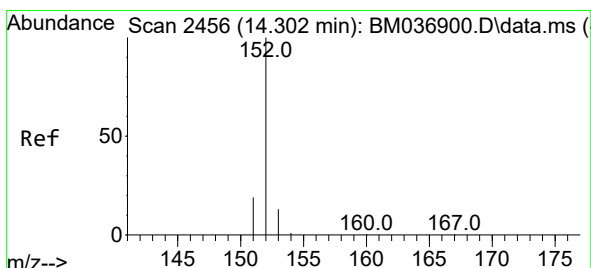
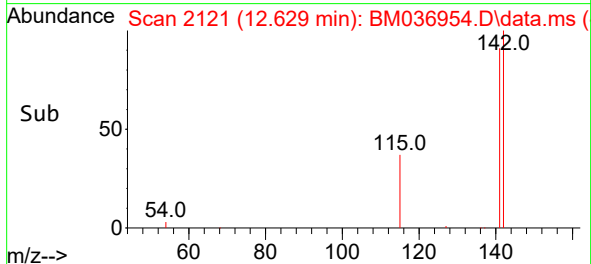
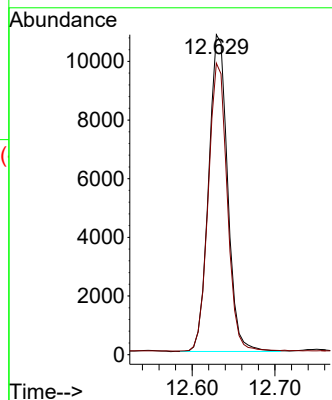
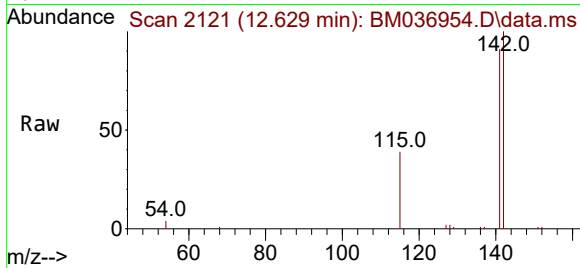




#8  
1-Methylnaphthalene  
Concen: 0.324 ng/ul  
RT: 12.629 min Scan# 2122  
Delta R.T. 0.000 min  
Lab File: BM036954.D  
Acq: 11 Oct 2022 20:41

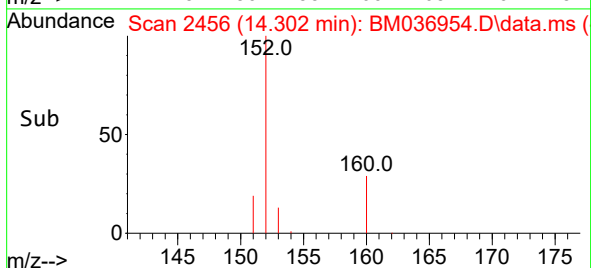
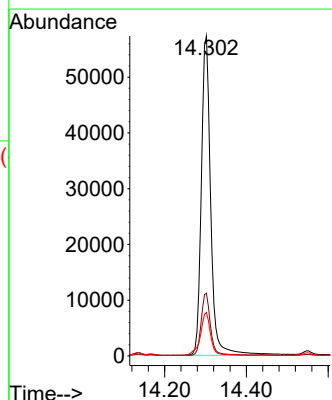
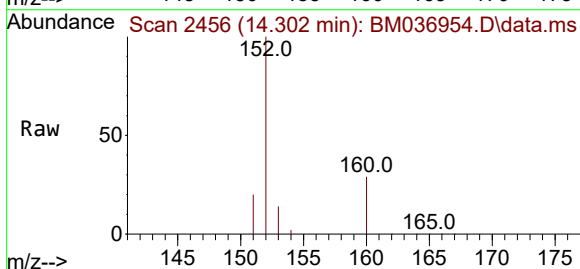
Instrument :  
BNA\_M  
ClientSampleId :  
C0BF6

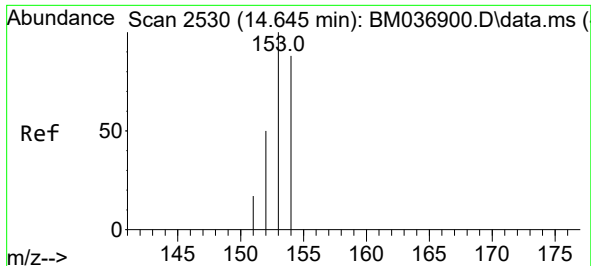
Tgt Ion:142 Resp: 17188  
Ion Ratio Lower Upper  
142 100  
141 90.8 74.1 111.1



#10  
Acenaphthylene  
Concen: 1.352 ng/ul  
RT: 14.302 min Scan# 2456  
Delta R.T. 0.005 min  
Lab File: BM036954.D  
Acq: 11 Oct 2022 20:41

Tgt Ion:152 Resp: 91553  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.6 24.8  
153 13.6 11.4 17.0

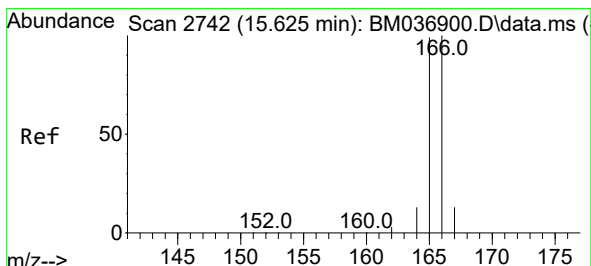
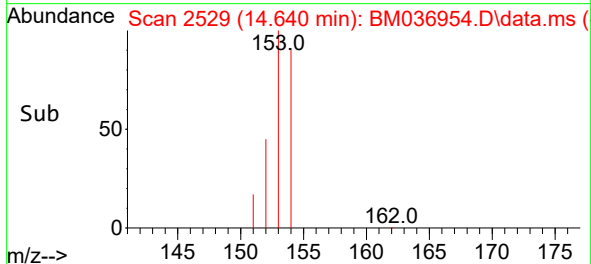
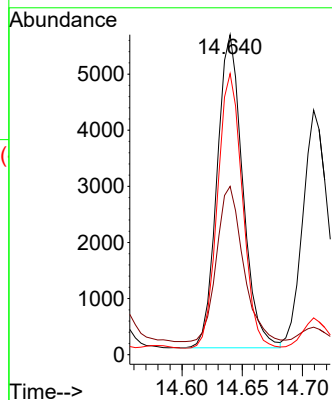
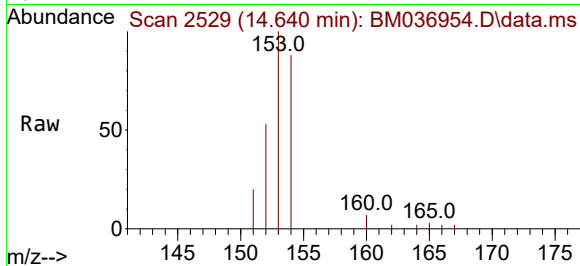




#11  
Acenaphthene  
Concen: 0.141 ng/ul  
RT: 14.640 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM036954.D  
Acq: 11 Oct 2022 20:41

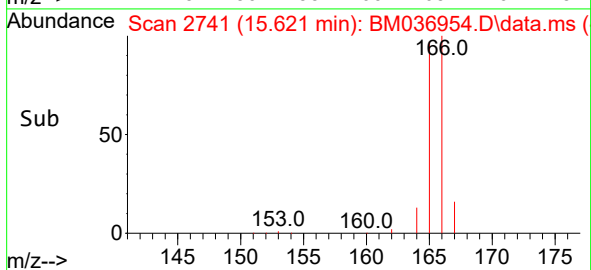
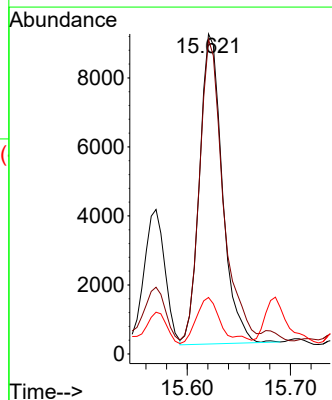
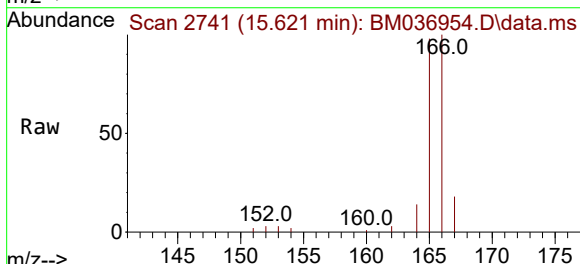
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ClientSampleId :  
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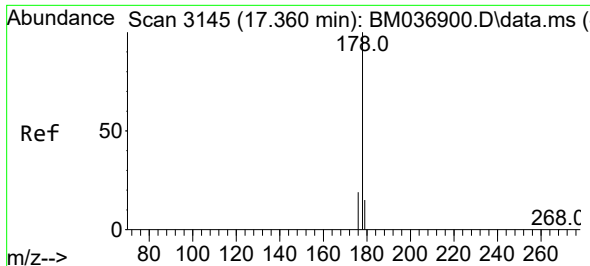
Tgt Ion:153 Resp: 8273  
Ion Ratio Lower Upper  
153 100  
152 52.6 40.2 60.4  
154 87.8 69.7 104.5



#12  
Fluorene  
Concen: 0.207 ng/ul  
RT: 15.621 min Scan# 2741  
Delta R.T. 0.000 min  
Lab File: BM036954.D  
Acq: 11 Oct 2022 20:41

Tgt Ion:166 Resp: 13794  
Ion Ratio Lower Upper  
166 100  
165 98.3 78.9 118.3  
167 17.7 11.3 16.9#

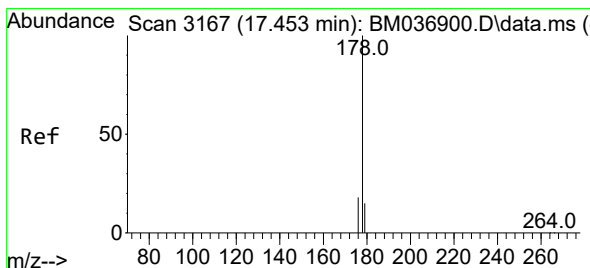
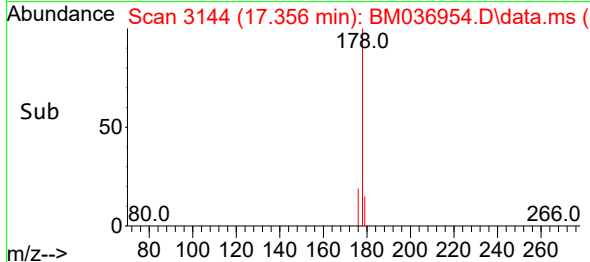
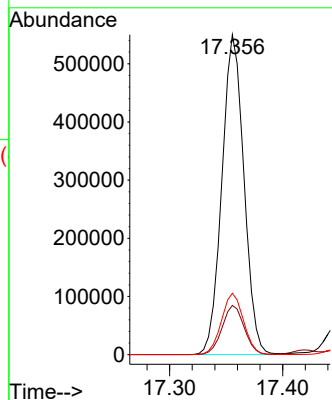
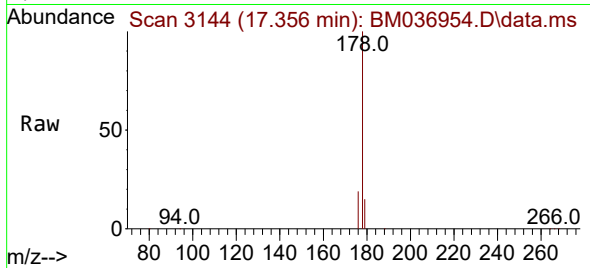




#15  
Phenanthrene  
Concen: 7.352 ng/ul  
RT: 17.356 min Scan# 3145  
Delta R.T. 0.000 min  
Lab File: BM036954.D  
Acq: 11 Oct 2022 20:41

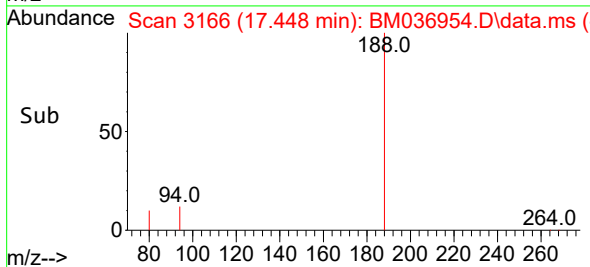
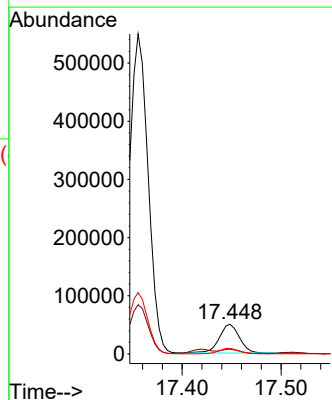
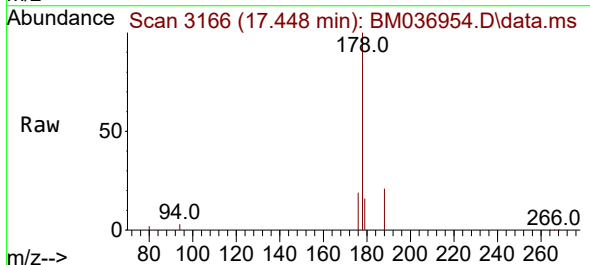
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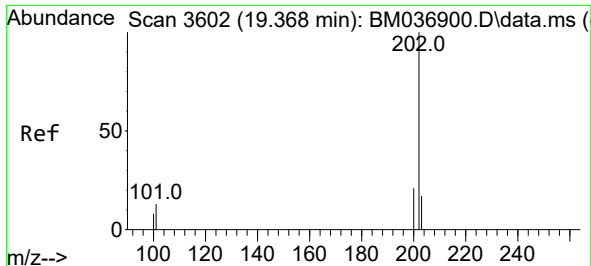
Tgt Ion:178 Resp: 744865  
Ion Ratio Lower Upper  
178 100  
179 15.4 13.0 19.6  
176 19.2 15.6 23.4



#16  
Anthracene  
Concen: 0.830 ng/ul  
RT: 17.448 min Scan# 3166  
Delta R.T. 0.000 min  
Lab File: BM036954.D  
Acq: 11 Oct 2022 20:41

Tgt Ion:178 Resp: 70288  
Ion Ratio Lower Upper  
178 100  
179 16.1 13.6 20.4  
176 18.8 15.6 23.4

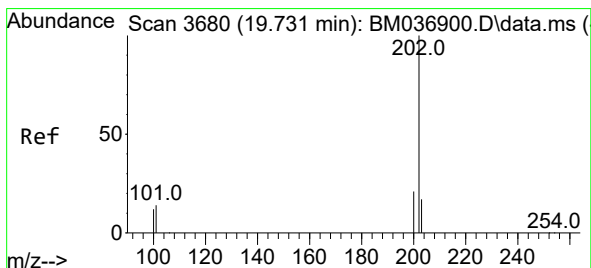
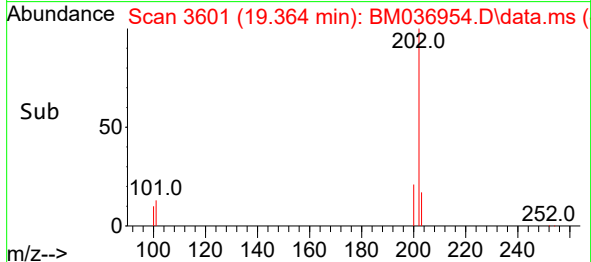
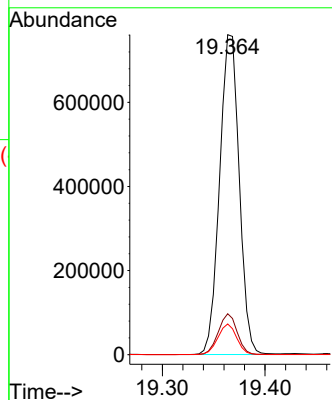
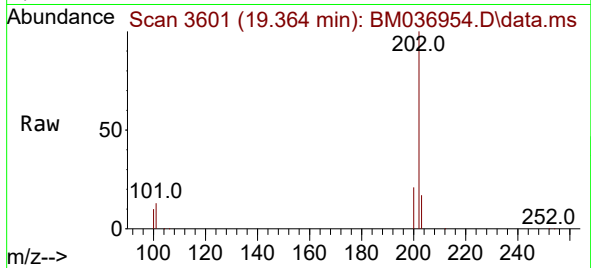




#19  
Fluoranthene  
Concen: 14.195 ng/ul  
RT: 19.364 min Scan# 3601  
Delta R.T. 0.000 min  
Lab File: BM036954.D  
Acq: 11 Oct 2022 20:41

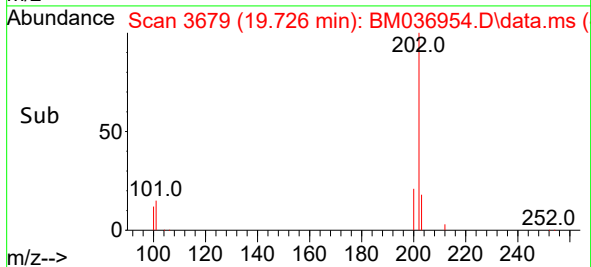
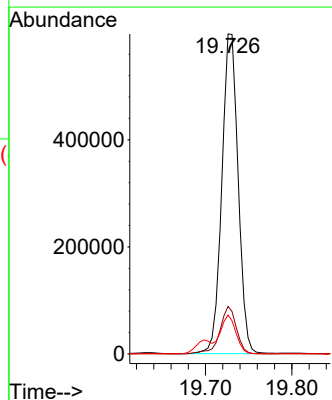
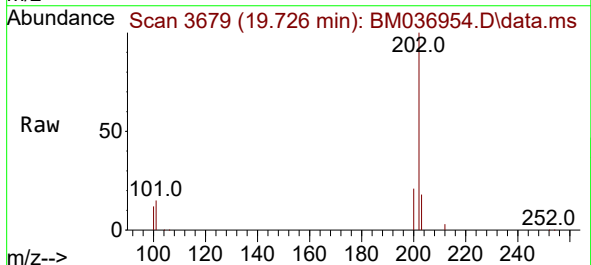
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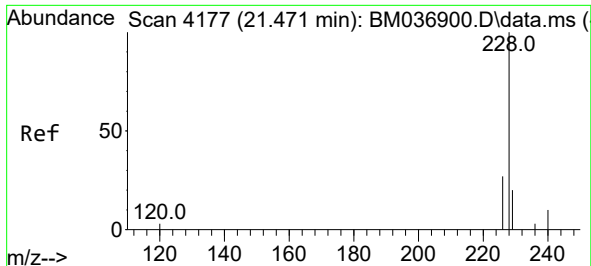
Tgt Ion:202 Resp: 1010344  
Ion Ratio Lower Upper  
202 100  
101 12.8 10.1 15.1  
100 9.6 7.9 11.9



#20  
Pyrene  
Concen: 10.609 ng/ul  
RT: 19.726 min Scan# 3679  
Delta R.T. 0.000 min  
Lab File: BM036954.D  
Acq: 11 Oct 2022 20:41

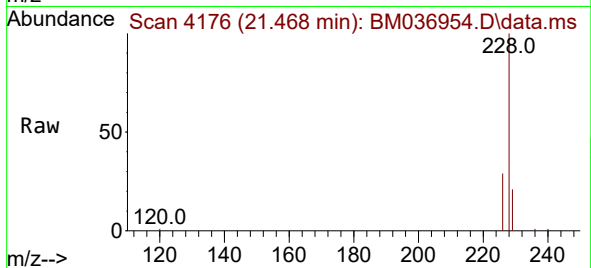
Tgt Ion:202 Resp: 787447  
Ion Ratio Lower Upper  
202 100  
101 14.8 12.0 18.0  
100 12.1 9.8 14.6



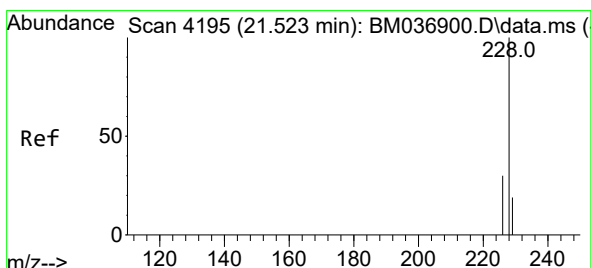
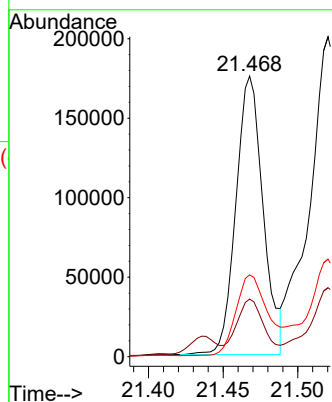
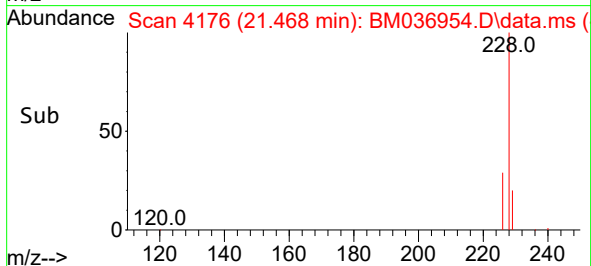


#21  
Benzo(a)anthracene  
Concen: 3.436 ng/ul  
RT: 21.468 min Scan# 4176  
Delta R.T. 0.000 min  
Lab File: BM036954.D  
Acq: 11 Oct 2022 20:41

Instrument :  
BNA\_M  
ClientSampleId :  
C0BF6

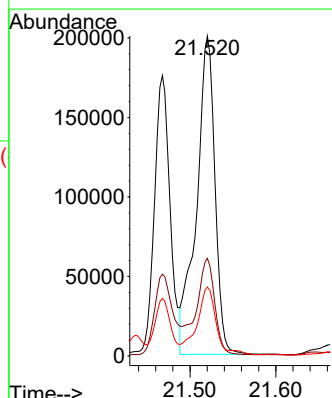
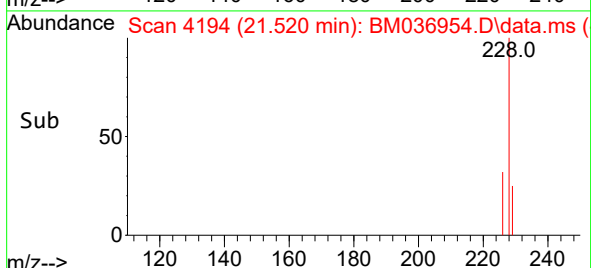
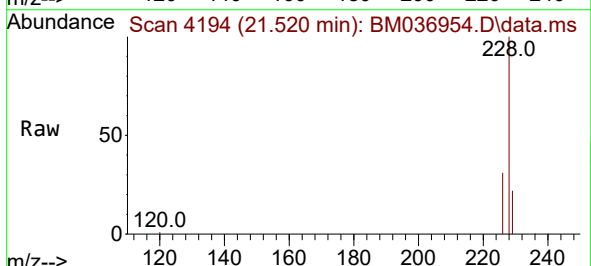


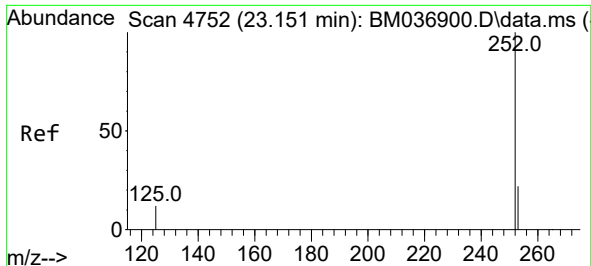
Tgt Ion:228 Resp: 222147  
Ion Ratio Lower Upper  
228 100  
229 20.5 16.2 24.2  
226 29.2 22.5 33.7



#22  
Chrysene  
Concen: 4.321 ng/ul  
RT: 21.520 min Scan# 4194  
Delta R.T. 0.000 min  
Lab File: BM036954.D  
Acq: 11 Oct 2022 20:41

Tgt Ion:228 Resp: 299944  
Ion Ratio Lower Upper  
228 100  
226 30.5 24.6 37.0  
229 21.6 16.4 24.6

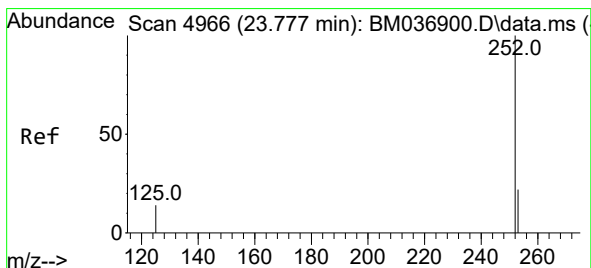
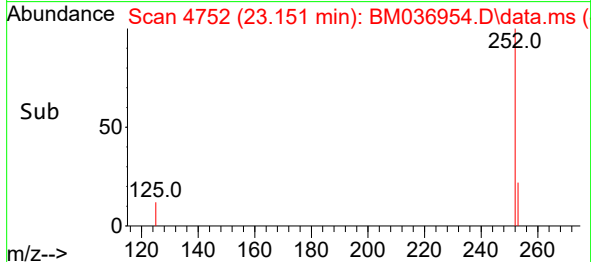
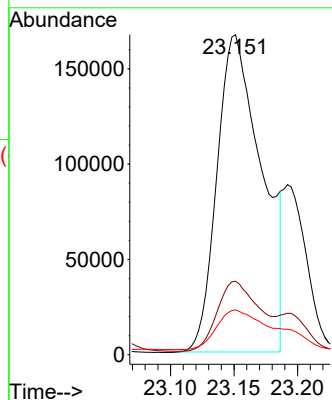
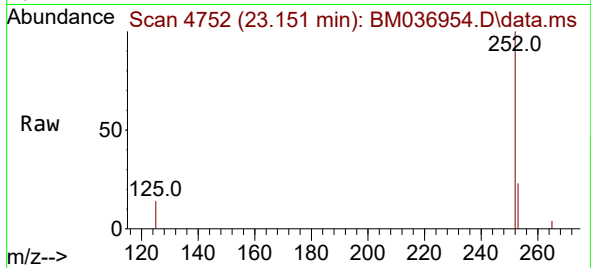




#24  
Benzo(b)fluoranthene  
Concen: 6.169 ng/ul  
RT: 23.151 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: BM036954.D  
Acq: 11 Oct 2022 20:41

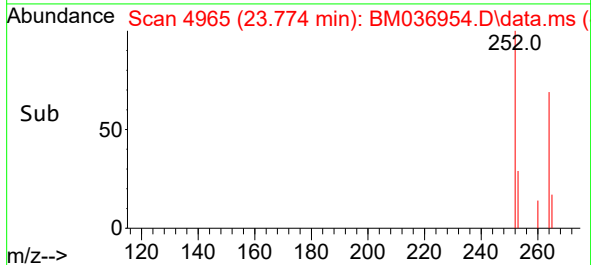
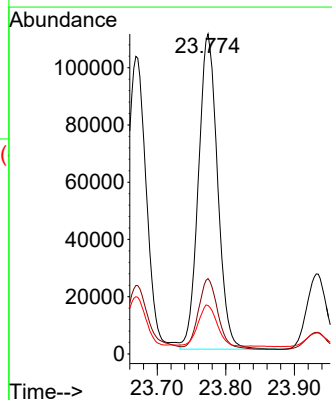
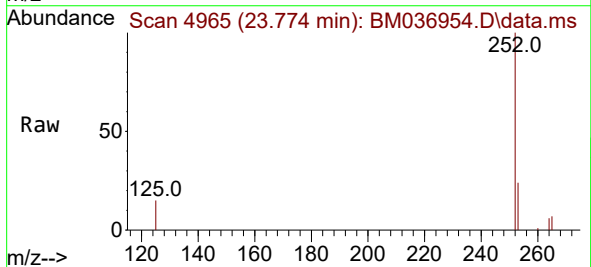
Instrument :  
BNA\_M  
ClientSampleId :  
C0BF6

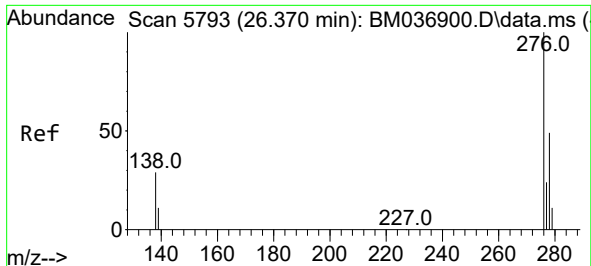
Tgt Ion:252 Resp: 409280  
Ion Ratio Lower Upper  
252 100  
253 22.9 0.0 61.4  
125 14.0 0.0 42.6



#26  
Benzo(a)pyrene  
Concen: 3.975 ng/ul  
RT: 23.774 min Scan# 4965  
Delta R.T. 0.003 min  
Lab File: BM036954.D  
Acq: 11 Oct 2022 20:41

Tgt Ion:252 Resp: 213997  
Ion Ratio Lower Upper  
252 100  
253 23.5 29.7 44.5#  
125 15.2 23.6 35.4#

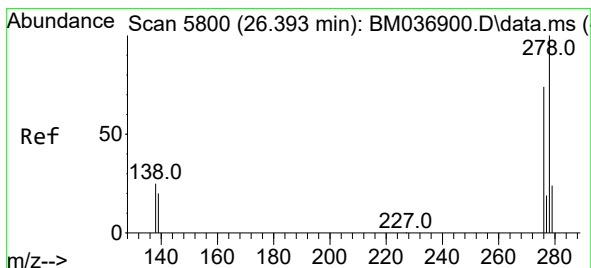
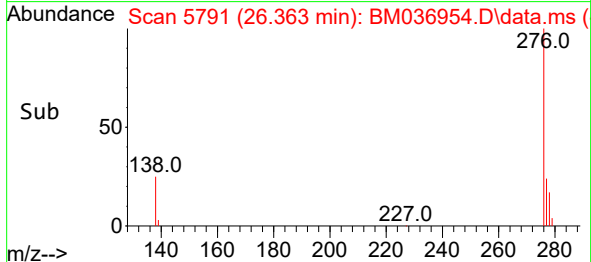
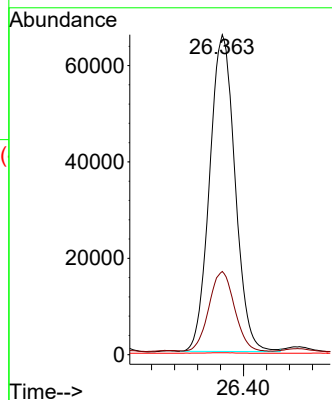
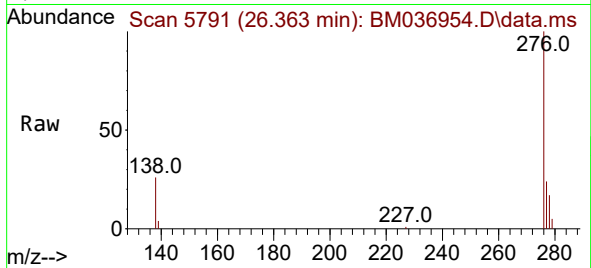




#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.650 ng/ul  
 RT: 26.363 min Scan# 5791  
 Delta R.T. 0.000 min  
 Lab File: BM036954.D  
 Acq: 11 Oct 2022 20:41

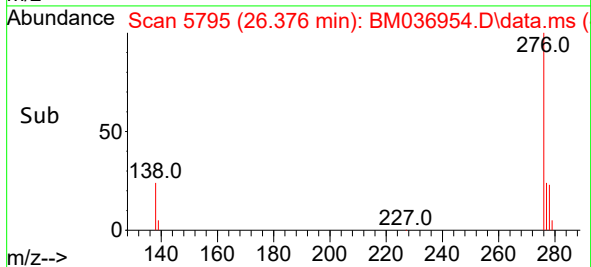
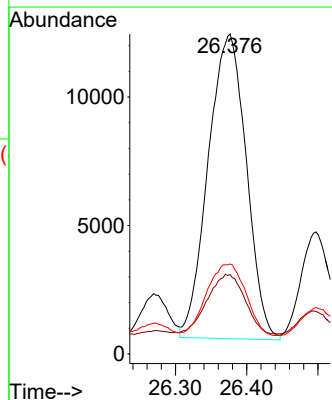
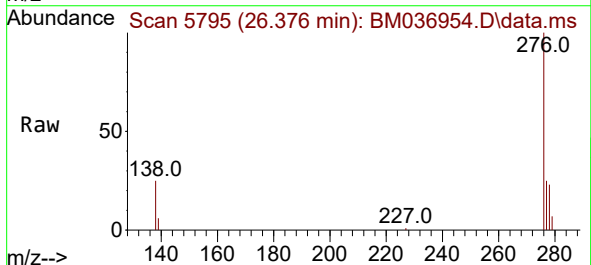
Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BF6

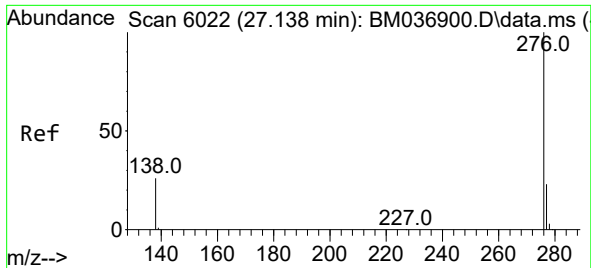
Tgt Ion:276 Resp: 202084  
 Ion Ratio Lower Upper  
 276 100  
 138 25.3 23.9 35.9  
 227 0.2 0.1 0.1#



#28  
 Dibenzo(a,h)anthracene  
 Concen: 0.717 ng/ul  
 RT: 26.376 min Scan# 5795  
 Delta R.T. -0.003 min  
 Lab File: BM036954.D  
 Acq: 11 Oct 2022 20:41

Tgt Ion:278 Resp: 44162  
 Ion Ratio Lower Upper  
 278 100  
 139 24.8 19.8 29.6  
 279 28.1 27.7 41.5





#29  
 Benzo(g,h,i)perylene  
 Concen: 2.845 ng/ul  
 RT: 27.131 min Scan# 60  
 Delta R.T. 0.003 min  
 Lab File: BM036954.D  
 Acq: 11 Oct 2022 20:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BF6

Tgt Ion:276 Resp: 191171  
 Ion Ratio Lower Upper  
 276 100  
 138 26.8 23.4 35.0  
 277 24.2 21.0 31.4

