

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
 Data File : BM036946.D  
 Acq On : 11 Oct 2022 15:16  
 Operator : CG/JU  
 Sample : N4824-04DL 5X  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB8P1DL

Quant Time: Oct 12 01:26:50 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

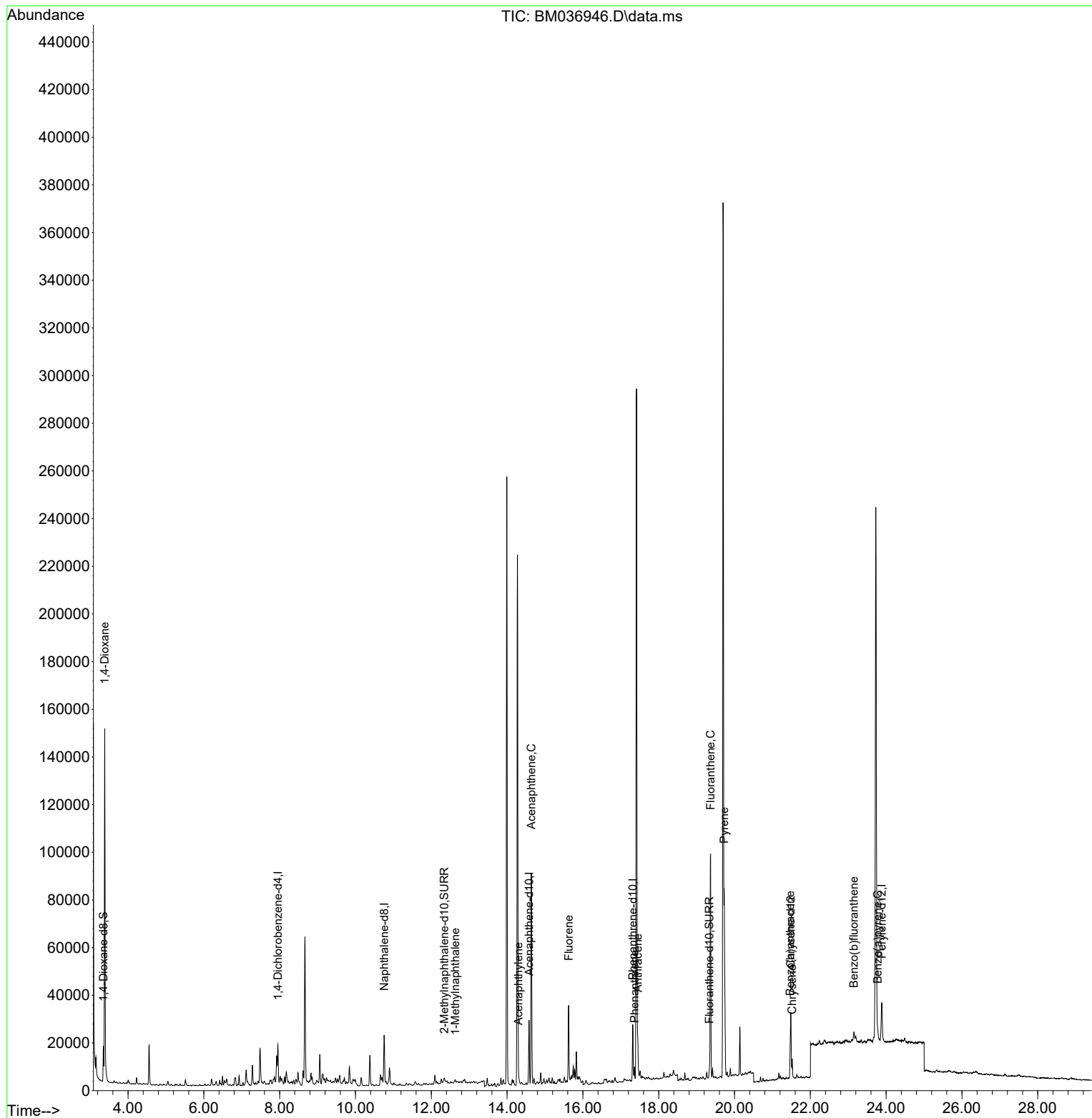
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.955  | 152  | 8497     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.759 | 136  | 27952    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.579 | 164  | 14555    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.317 | 188  | 27837    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.485 | 240  | 21649    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.885 | 264  | 21622    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.352  | 96   | 8977     | 0.749 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.343 | 152  | 2509     | 0.059 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.336 | 212  | 4240     | 0.065 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.386  | 88   | 92828    | 7.925 | ng/ul# | 75       |
| 8) 1-Methylnaphthalene      | 12.635 | 142  | 1035     | 0.021 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.302 | 152  | 2271     | 0.038 | ng/ul# | 18       |
| 11) Acenaphthene            | 14.640 | 153  | 49391    | 0.941 | ng/ul  | 99       |
| 12) Fluorene                | 15.625 | 166  | 20182    | 0.339 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.360 | 178  | 6058     | 0.068 | ng/ul# | 77       |
| 16) Anthracene              | 17.448 | 178  | 14862    | 0.200 | ng/ul# | 93       |
| 19) Fluoranthene            | 19.368 | 202  | 79231    | 0.920 | ng/ul  | 98       |
| 20) Pyrene                  | 19.726 | 202  | 62032    | 0.691 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.470 | 228  | 10266    | 0.131 | ng/ul# | 87       |
| 22) Chrysene                | 21.520 | 228  | 8572     | 0.102 | ng/ul# | 84       |
| 24) Benzo(b)fluoranthene    | 23.151 | 252  | 5169     | 0.054 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.777 | 252  | 3050     | 0.039 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

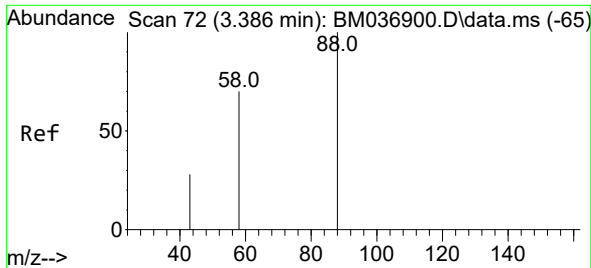
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
Data File : BM036946.D  
Acq On : 11 Oct 2022 15:16  
Operator : CG/JU  
Sample : N4824-04DL 5X  
Misc :  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
CB8P1DL

Quant Time: Oct 12 01:26:50 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

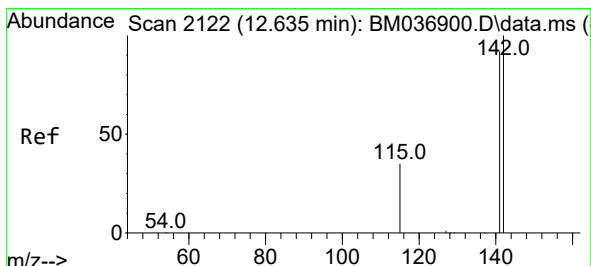
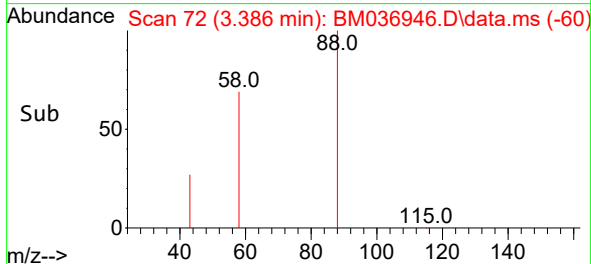
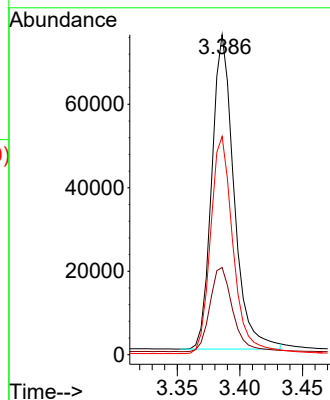
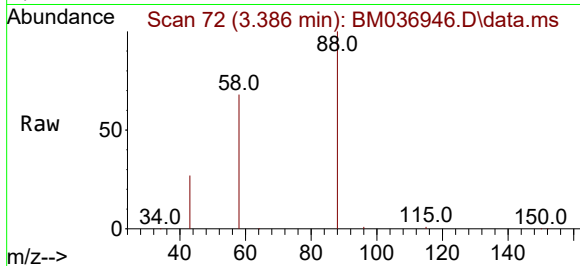




#2  
1,4-Dioxane  
Concen: 7.925 ng/ul  
RT: 3.386 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BM036946.D  
Acq: 11 Oct 2022 15:16

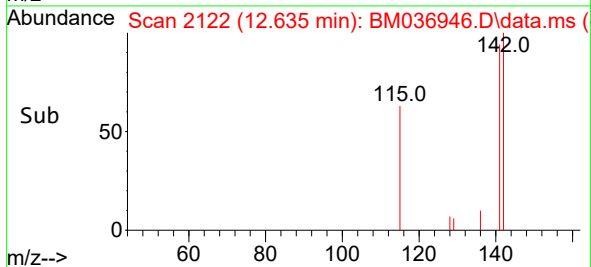
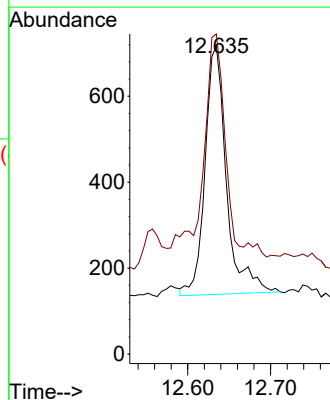
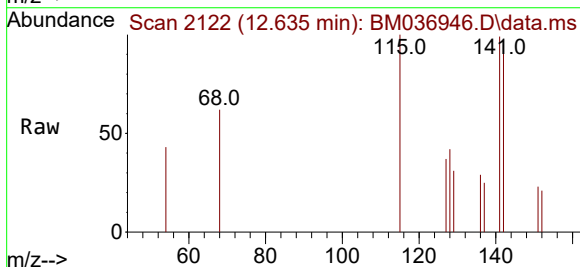
Instrument :  
BNA\_M  
ClientSampleId :  
CB8P1DL

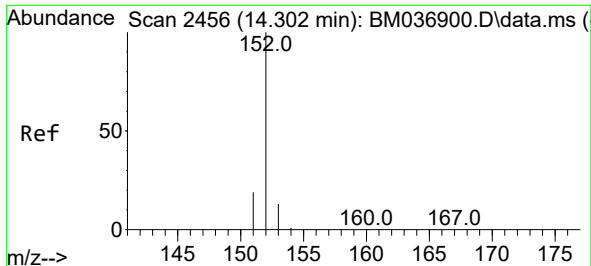
Tgt Ion: 88 Resp: 92828  
Ion Ratio Lower Upper  
88 100  
43 27.3 37.8 56.6#  
58 68.2 42.6 63.8#



#8  
1-Methylnaphthalene  
Concen: 0.021 ng/ul  
RT: 12.635 min Scan# 2122  
Delta R.T. 0.005 min  
Lab File: BM036946.D  
Acq: 11 Oct 2022 15:16

Tgt Ion: 142 Resp: 1035  
Ion Ratio Lower Upper  
142 100  
141 91.5 74.1 111.1

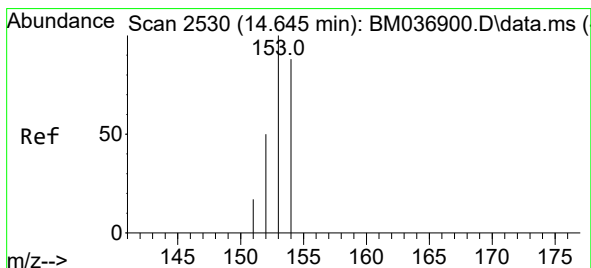
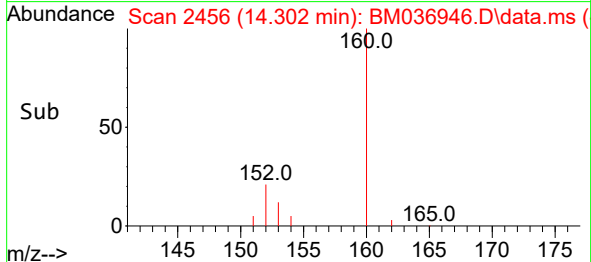
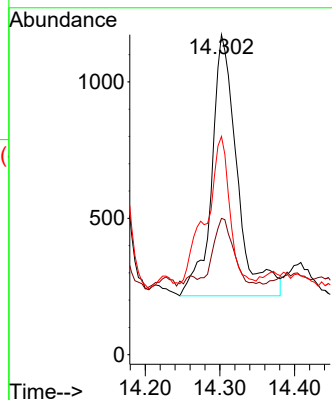
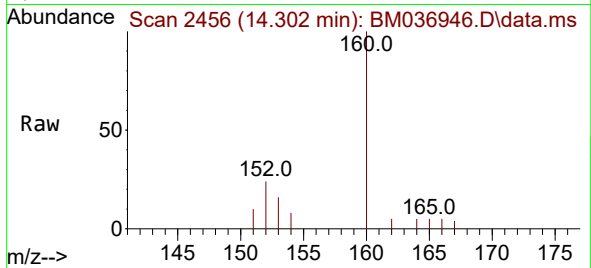




#10  
Acenaphthylene  
Concen: 0.038 ng/ul  
RT: 14.302 min Scan# 2456  
Delta R.T. 0.005 min  
Lab File: BM036946.D  
Acq: 11 Oct 2022 15:16

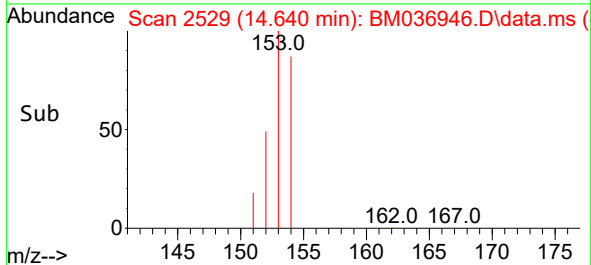
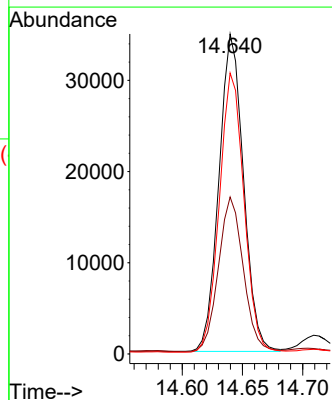
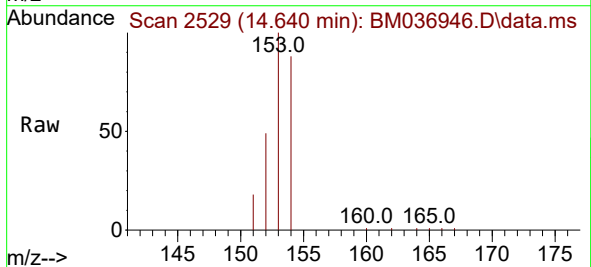
Instrument :  
BNA\_M  
ClientSampleId :  
CB8P1DL

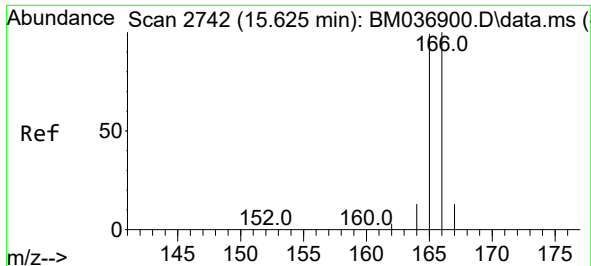
Tgt Ion:152 Resp: 2271  
Ion Ratio Lower Upper  
152 100  
151 42.6 16.6 24.8#  
153 68.2 11.4 17.0#



#11  
Acenaphthene  
Concen: 0.941 ng/ul  
RT: 14.640 min Scan# 2529  
Delta R.T. -0.000 min  
Lab File: BM036946.D  
Acq: 11 Oct 2022 15:16

Tgt Ion:153 Resp: 49391  
Ion Ratio Lower Upper  
153 100  
152 49.0 40.2 60.4  
154 87.8 69.7 104.5

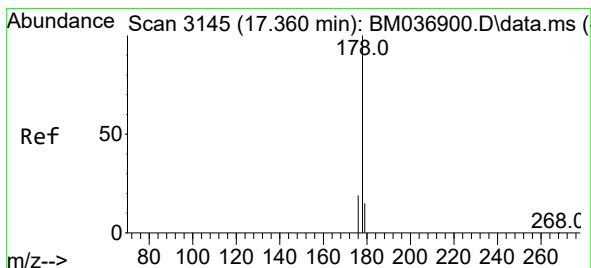
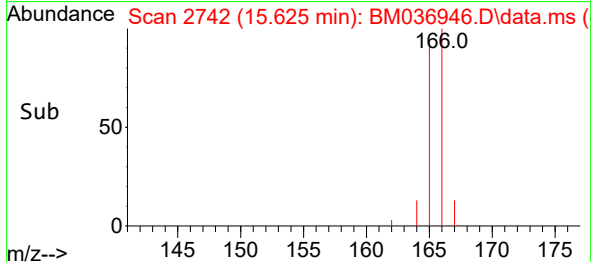
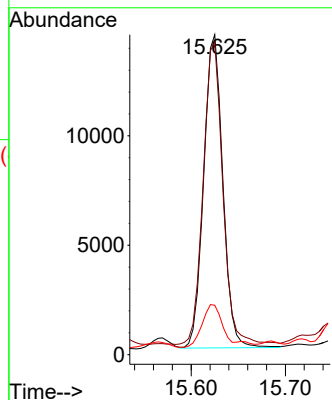
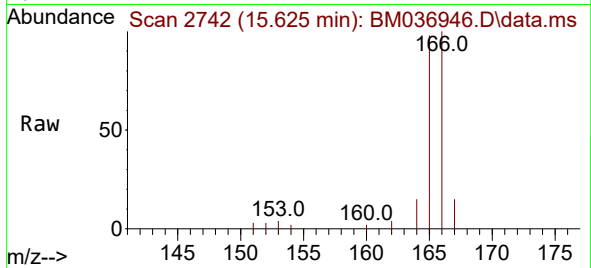




#12  
Fluorene  
Concen: 0.339 ng/ul  
RT: 15.625 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: BM036946.D  
Acq: 11 Oct 2022 15:16

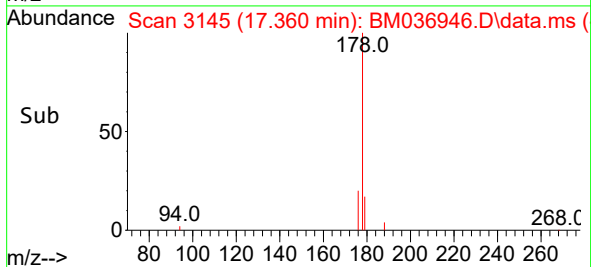
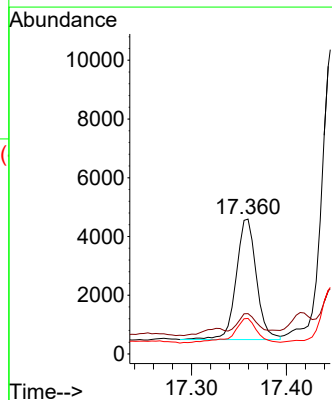
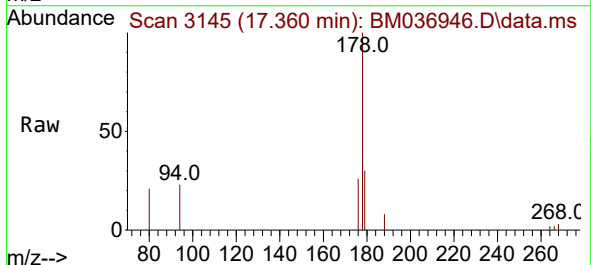
Instrument :  
BNA\_M  
ClientSampleId :  
CB8P1DL

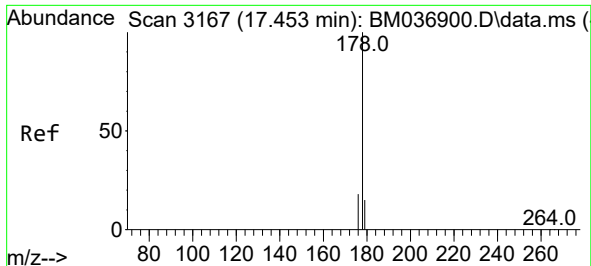
Tgt Ion:166 Resp: 20182  
Ion Ratio Lower Upper  
166 100  
165 97.7 78.9 118.3  
167 15.5 11.3 16.9



#15  
Phenanthrene  
Concen: 0.068 ng/ul  
RT: 17.360 min Scan# 3145  
Delta R.T. 0.004 min  
Lab File: BM036946.D  
Acq: 11 Oct 2022 15:16

Tgt Ion:178 Resp: 6058  
Ion Ratio Lower Upper  
178 100  
179 29.8 13.0 19.6#  
176 26.3 15.6 23.4#

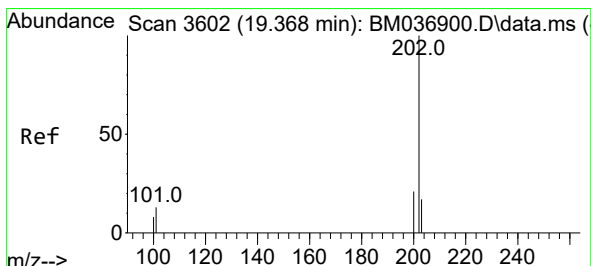
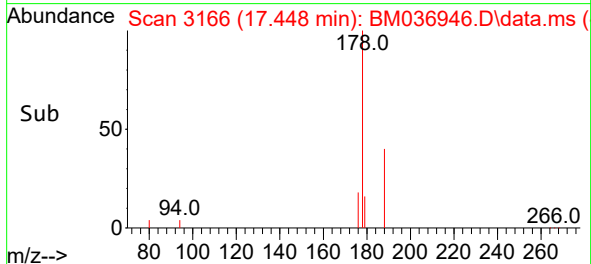
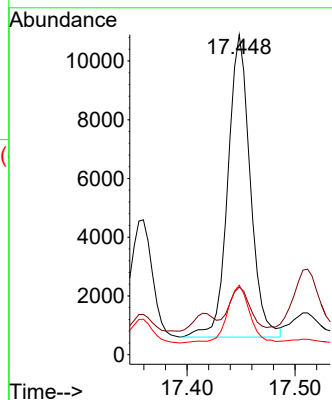
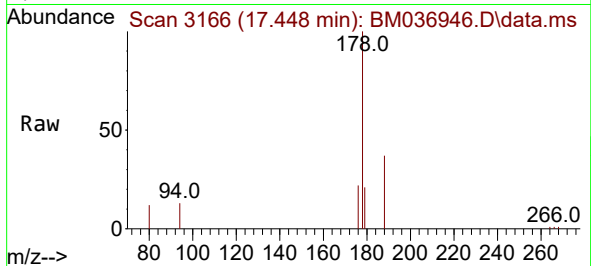




#16  
 Anthracene  
 Concen: 0.200 ng/ul  
 RT: 17.448 min Scan# 3166  
 Delta R.T. -0.000 min  
 Lab File: BM036946.D  
 Acq: 11 Oct 2022 15:16

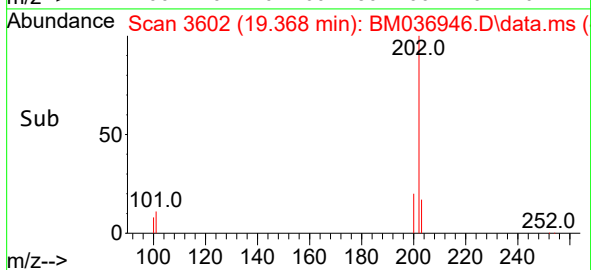
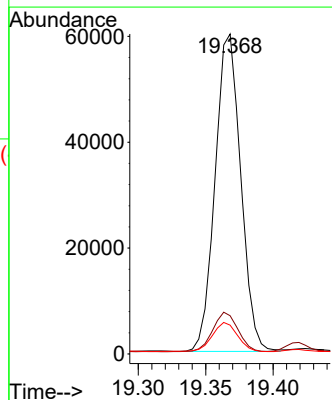
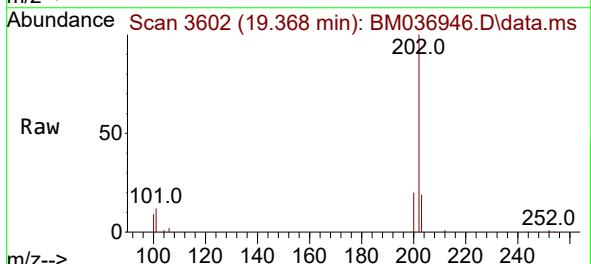
Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB8P1DL

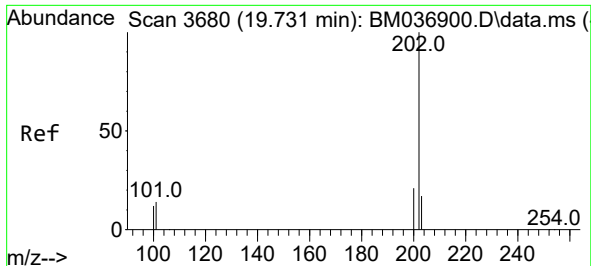
Tgt Ion:178 Resp: 14862  
 Ion Ratio Lower Upper  
 178 100  
 179 21.1 13.6 20.4#  
 176 21.7 15.6 23.4



#19  
 Fluoranthene  
 Concen: 0.920 ng/ul  
 RT: 19.368 min Scan# 3602  
 Delta R.T. 0.005 min  
 Lab File: BM036946.D  
 Acq: 11 Oct 2022 15:16

Tgt Ion:202 Resp: 79231  
 Ion Ratio Lower Upper  
 202 100  
 101 12.0 10.1 15.1  
 100 9.0 7.9 11.9

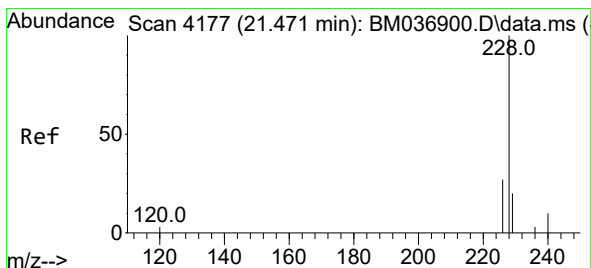
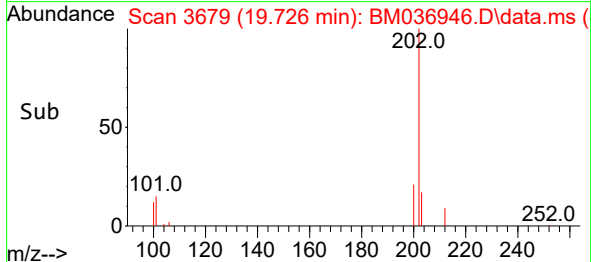
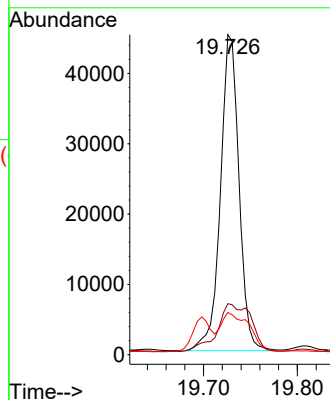
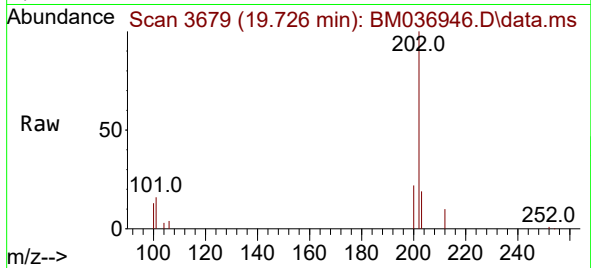




#20  
Pyrene  
Concen: 0.691 ng/ul  
RT: 19.726 min Scan# 3680  
Delta R.T. -0.000 min  
Lab File: BM036946.D  
Acq: 11 Oct 2022 15:16

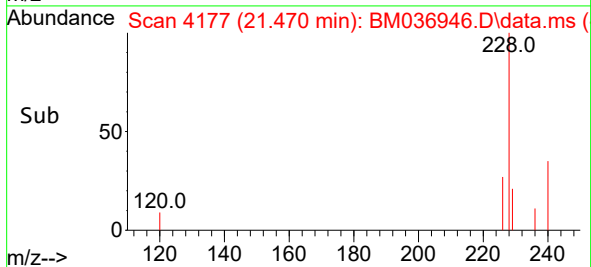
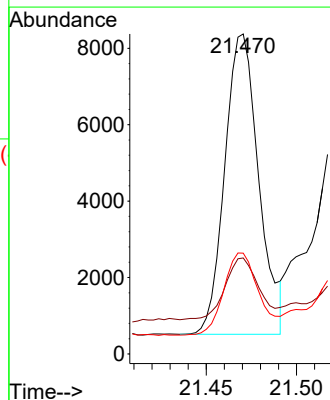
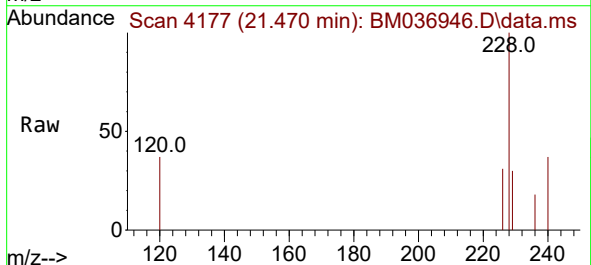
Instrument :  
BNA\_M  
ClientSampleId :  
CB8P1DL

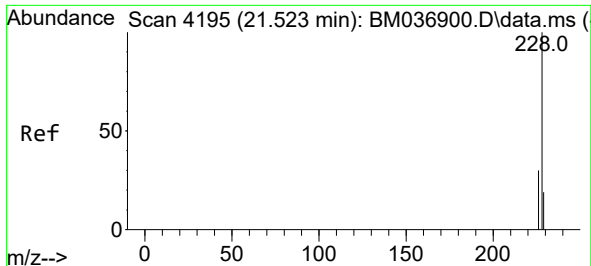
Tgt Ion:202 Resp: 62032  
Ion Ratio Lower Upper  
202 100  
101 16.0 12.0 18.0  
100 13.2 9.8 14.6



#21  
Benzo(a)anthracene  
Concen: 0.131 ng/ul  
RT: 21.470 min Scan# 4177  
Delta R.T. 0.003 min  
Lab File: BM036946.D  
Acq: 11 Oct 2022 15:16

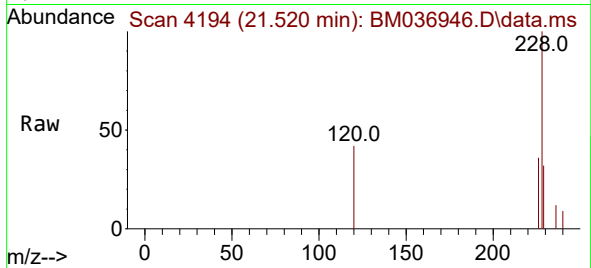
Tgt Ion:228 Resp: 10266  
Ion Ratio Lower Upper  
228 100  
229 30.0 16.2 24.2#  
226 31.5 22.5 33.7



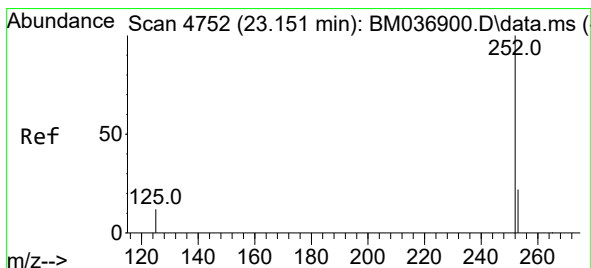
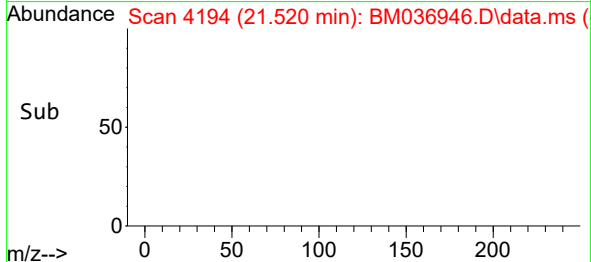
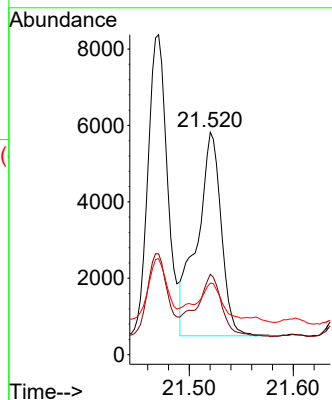


#22  
Chrysene  
Concen: 0.102 ng/ul  
RT: 21.520 min Scan# 4194  
Delta R.T. -0.000 min  
Lab File: BM036946.D  
Acq: 11 Oct 2022 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
CB8P1DL

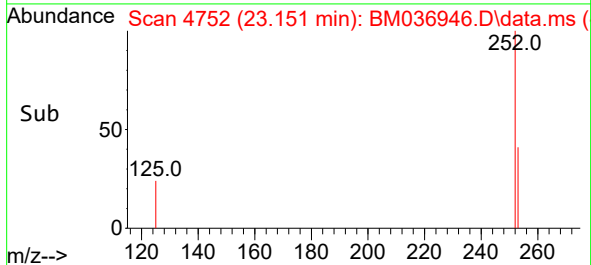
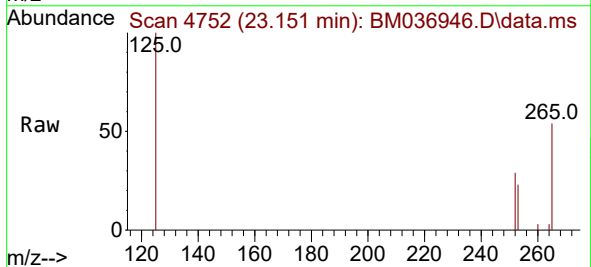
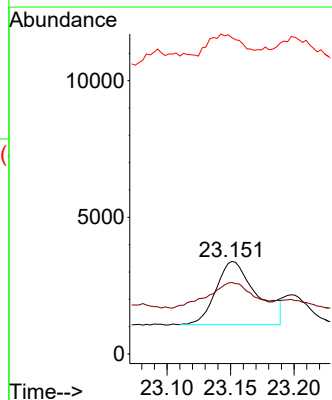


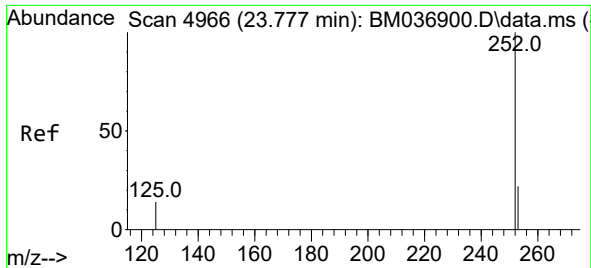
Tgt Ion:228 Resp: 8572  
Ion Ratio Lower Upper  
228 100  
226 36.1 24.6 37.0  
229 32.2 16.4 24.6#



#24  
Benzo(b)fluoranthene  
Concen: 0.054 ng/ul  
RT: 23.151 min Scan# 4752  
Delta R.T. 0.006 min  
Lab File: BM036946.D  
Acq: 11 Oct 2022 15:16

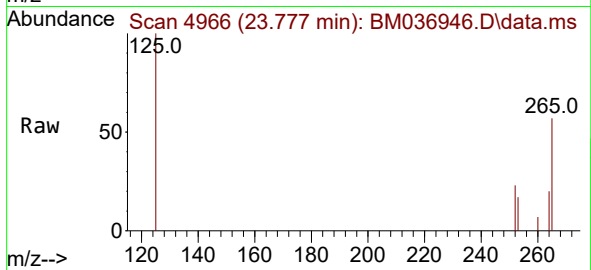
Tgt Ion:252 Resp: 5169  
Ion Ratio Lower Upper  
252 100  
253 77.3 0.0 61.4#  
125 341.8 0.0 42.6#





#26  
Benzo(a)pyrene  
Concen: 0.039 ng/ul  
RT: 23.777 min Scan# 4966  
Delta R.T. 0.006 min  
Lab File: BM036946.D  
Acq: 11 Oct 2022 15:16

Instrument :  
BNA\_M  
ClientSampleId :  
CB8P1DL



Tgt Ion:252 Resp: 3050  
Ion Ratio Lower Upper  
252 100  
253 75.0 29.7 44.5#  
125 429.2 23.6 35.4#

