

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
 Data File : BM036910.D  
 Acq On : 10 Oct 2022 16:38  
 Operator : CG/JU  
 Sample : N4824-05DL 5X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB8P3DL

Quant Time: Oct 11 02:17:41 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 : Mon Oct 10 00:54:15 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.956  | 152  | 8500     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.760 | 136  | 30165    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.580 | 164  | 16340    | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.322 | 188  | 30109    | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.488 | 240  | 18374    | 0.400 | ng/ul # | 0.00     |
| 23) Perylene-d12            | 23.888 | 264  | 17077    | 0.400 | ng/ul   | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.353  | 96   | 5539     | 0.462 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.344 | 152  | 3140     | 0.069 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.341 | 212  | 5068     | 0.092 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 2) 1,4-Dioxane              | 3.386  | 88   | 9501     | 0.811 | ng/ul#  | 81       |
| 11) Acenaphthene            | 14.645 | 153  | 36899    | 0.626 | ng/ul   | 98       |
| 12) Fluorene                | 15.626 | 166  | 26691    | 0.400 | ng/ul   | 99       |
| 15) Phenanthrene            | 17.360 | 178  | 9946     | 0.103 | ng/ul#  | 91       |
| 16) Anthracene              | 17.453 | 178  | 5080     | 0.063 | ng/ul#  | 82       |
| 19) Fluoranthene            | 19.369 | 202  | 3645     | 0.050 | ng/ul#  | 70       |
| 20) Pyrene                  | 19.731 | 202  | 2054     | 0.027 | ng/ul#  | 60       |
| -----                       |        |      |          |       |         |          |

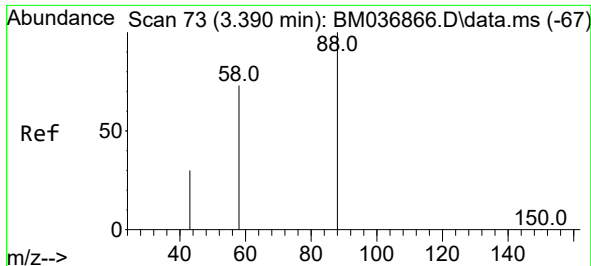
(#) = qualifier out of range (m) = manual integration (+) = signals summed

BNA M

**ClientSampleId :**

CB8P3DL

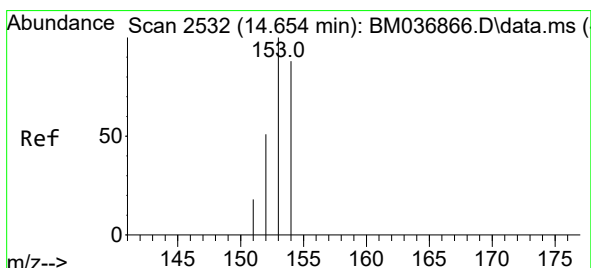
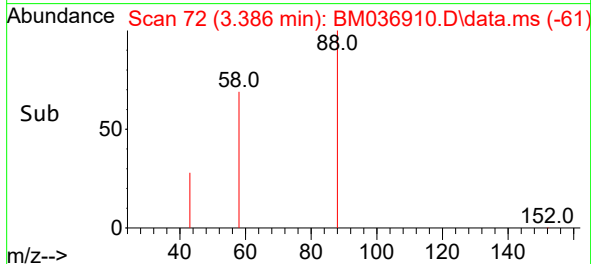
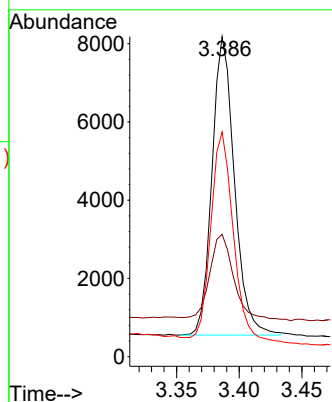
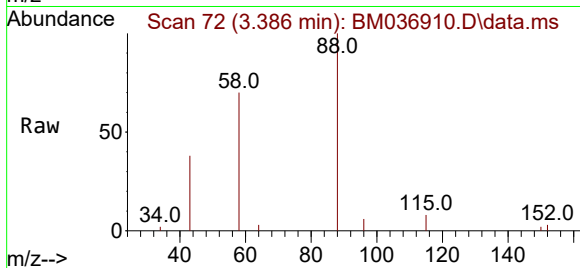
[illegible]



#2  
1,4-Dioxane  
Concen: 0.811 ng/ul  
RT: 3.386 min Scan# 71  
Delta R.T. -0.004 min  
Lab File: BM036910.D  
Acq: 10 Oct 2022 16:38

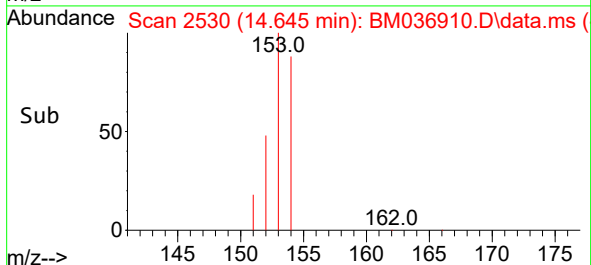
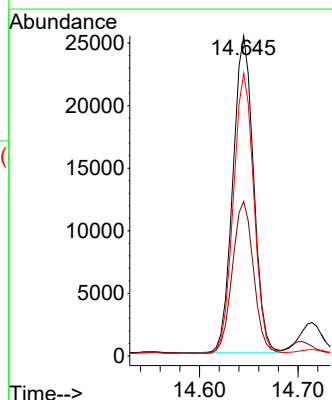
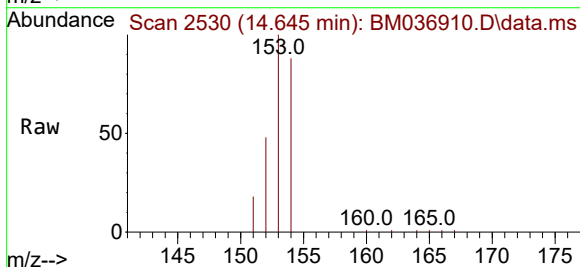
Instrument :  
BNA\_M  
ClientSampleId :  
CB8P3DL

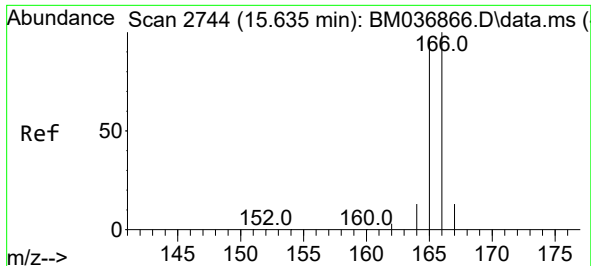
Tgt Ion: 88 Resp: 9501  
Ion Ratio Lower Upper  
88 100  
43 38.2 37.8 56.6  
58 70.3 42.6 63.8#



#11  
Acenaphthene  
Concen: 0.626 ng/ul  
RT: 14.645 min Scan# 2530  
Delta R.T. -0.001 min  
Lab File: BM036910.D  
Acq: 10 Oct 2022 16:38

Tgt Ion: 153 Resp: 36899  
Ion Ratio Lower Upper  
153 100  
152 48.2 40.2 60.4  
154 88.3 69.7 104.5

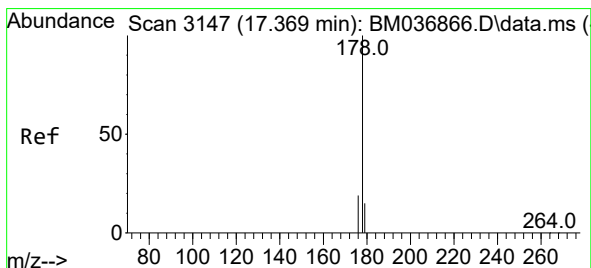
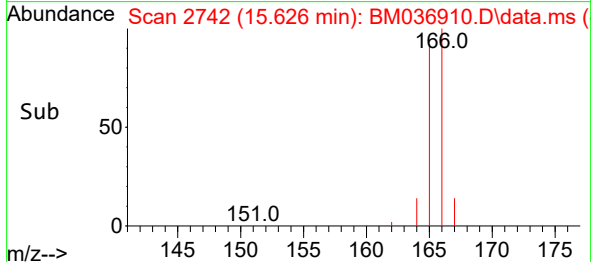
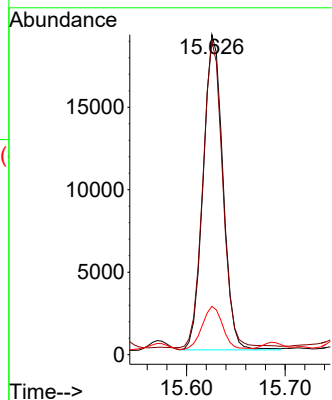
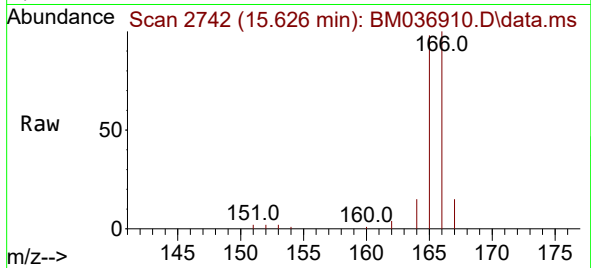




#12  
Fluorene  
Concen: 0.400 ng/ul  
RT: 15.626 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BM036910.D  
Acq: 10 Oct 2022 16:38

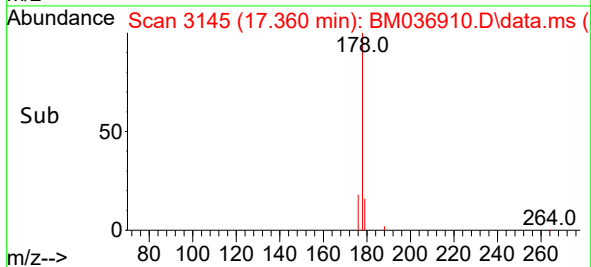
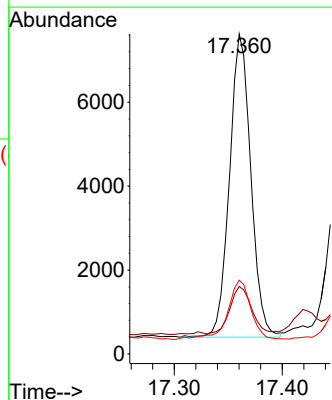
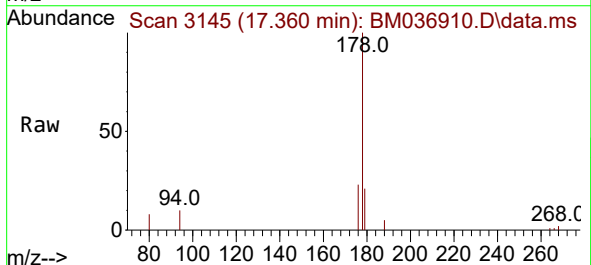
Instrument :  
BNA\_M  
ClientSampleId :  
CB8P3DL

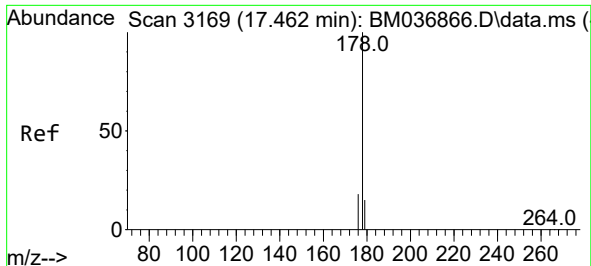
Tgt Ion:166 Resp: 26691  
Ion Ratio Lower Upper  
166 100  
165 98.0 78.9 118.3  
167 15.1 11.3 16.9



#15  
Phenanthrene  
Concen: 0.103 ng/ul  
RT: 17.360 min Scan# 3145  
Delta R.T. -0.005 min  
Lab File: BM036910.D  
Acq: 10 Oct 2022 16:38

Tgt Ion:178 Resp: 9946  
Ion Ratio Lower Upper  
178 100  
179 21.1 13.0 19.6#  
176 23.0 15.6 23.4

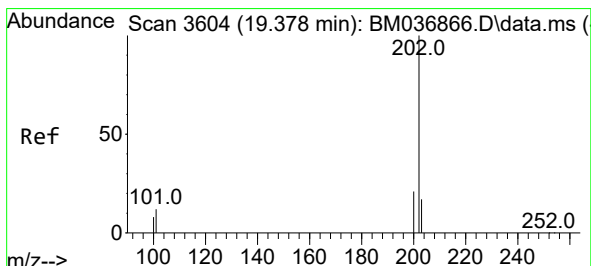
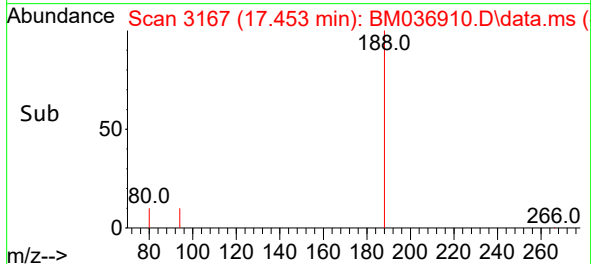
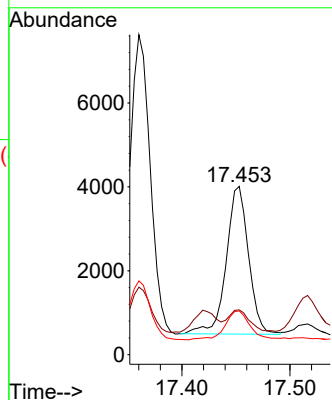
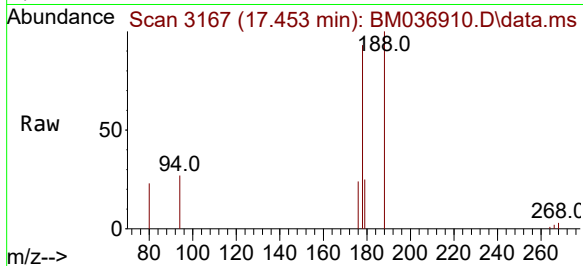




#16  
 Anthracene  
 Concen: 0.063 ng/ul  
 RT: 17.453 min Scan# 3169  
 Delta R.T. -0.001 min  
 Lab File: BM036910.D  
 Acq: 10 Oct 2022 16:38

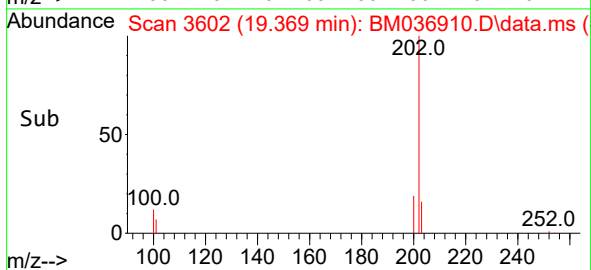
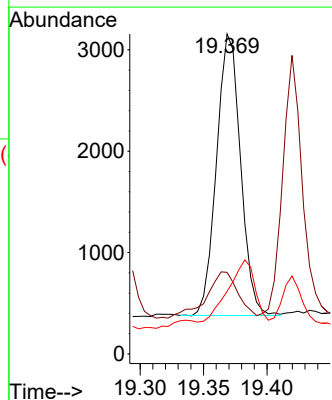
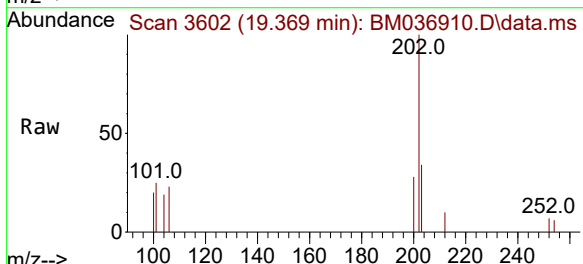
Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB8P3DL

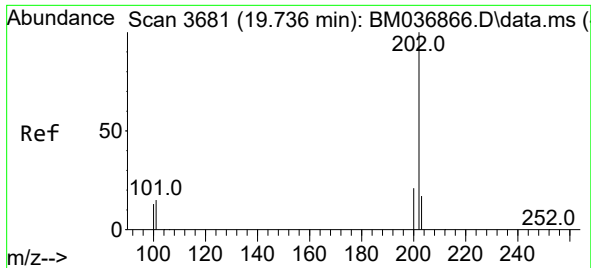
Tgt Ion:178 Resp: 5080  
 Ion Ratio Lower Upper  
 178 100  
 179 26.6 13.6 20.4#  
 176 26.1 15.6 23.4#



#19  
 Fluoranthene  
 Concen: 0.050 ng/ul  
 RT: 19.369 min Scan# 3602  
 Delta R.T. -0.005 min  
 Lab File: BM036910.D  
 Acq: 10 Oct 2022 16:38

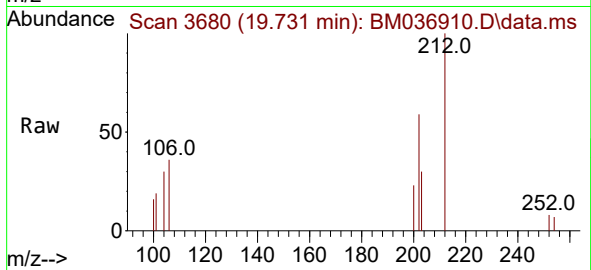
Tgt Ion:202 Resp: 3645  
 Ion Ratio Lower Upper  
 202 100  
 101 25.5 10.1 15.1#  
 100 19.5 7.9 11.9#





#20  
 Pyrene  
 Concen: 0.027 ng/ul  
 RT: 19.731 min Scan# 30  
 Delta R.T. -0.001 min  
 Lab File: BM036910.D  
 Acq: 10 Oct 2022 16:38

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB8P3DL



Tgt Ion:202 Resp: 2054  
 Ion Ratio Lower Upper  
 202 100  
 101 32.7 12.0 18.0#  
 100 26.5 9.8 14.6#

