

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092322\  
 Data File : BM036677.D  
 Acq On : 23 Sep 2022 15:06  
 Operator : CG/JU  
 Sample : N4706-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

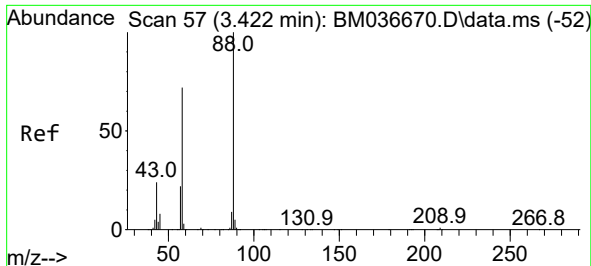
Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB8K3

Quant Time: Sep 23 23:35:48 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM091522.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 21 22:42:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.016  | 152  | 416536   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.827 | 136  | 1885580  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.639 | 164  | 1184699  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.380 | 188  | 2366202  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.544 | 240  | 1829739  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.991 | 264  | 1559917  | 20.000 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.393  | 96   | 48085    | 4.328  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.822  | 84   | 468033   | 14.443 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.175  | 99   | 228101   | 6.128  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.339  | 67   | 607302   | 26.865 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.545  | 132  | 501229   | 18.703 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.728  | 113  | 412336   | 14.992 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.180  | 128  | 401049   | 31.424 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.904  | 143  | 283286   | 24.781 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.445 | 165  | 575511   | 21.723 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.963 | 131  | 1109168  | 25.181 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.057 | 166  | 2642416  | 33.071 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.339 | 160  | 2859524  | 30.171 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.845 | 143  | 67506    | 4.356  | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.627 | 176  | 2161719  | 30.190 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.739 | 200  | 112519   | 12.019 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.474 | 188  | 3363988  | 31.094 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.762 | 212  | 3562758  | 39.579 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.832 | 264  | 2538377  | 33.307 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.428  | 88   | 453945   | 37.926 | ng/uL  | 94       |
| 52) Acenaphthene              | 14.704 | 153  | 438374   | 5.782  | ng/u1  | 100      |
| 56) Dibenzofuran              | 15.039 | 168  | 351852   | 3.456  | ng/u1  | 98       |
| 61) Fluorene                  | 15.686 | 166  | 343907   | 3.966  | ng/u1  | 98       |
| 72) Phenanthrene              | 17.421 | 178  | 619551   | 4.754  | ng/u1  | 100      |
| 74) Anthracene                | 17.509 | 178  | 142625   | 1.077  | ng/u1  | 94       |
| 80) Fluoranthene              | 19.427 | 202  | 203607   | 1.846  | ng/u1  | 98       |
| 82) Pyrene                    | 19.786 | 202  | 123394   | 1.057  | ng/u1  | 96       |
| -----                         |        |      |          |        |        |          |

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

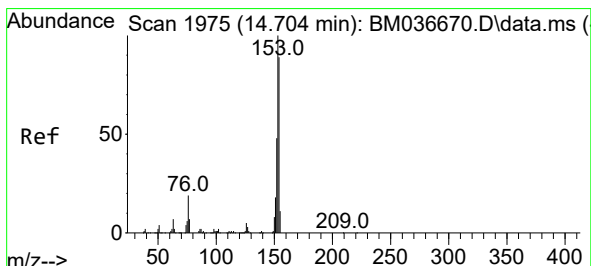
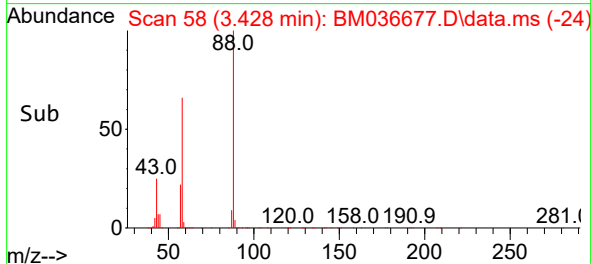
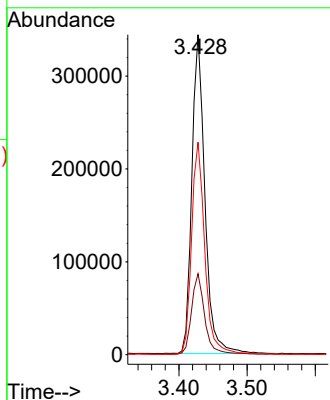
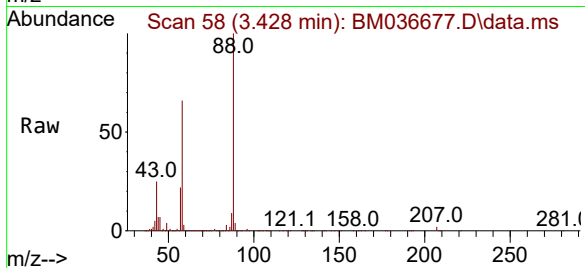




#2  
 1,4-Dioxane  
 Concen: 37.926 ng/uL  
 RT: 3.428 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: BM036677.D  
 Acq: 23 Sep 2022 15:06

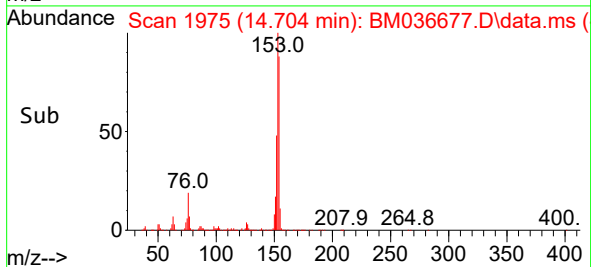
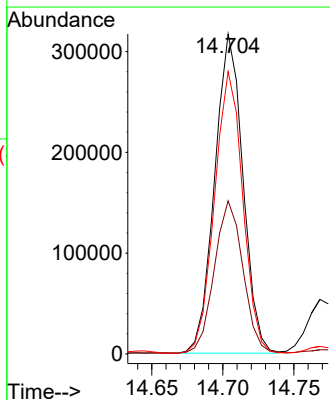
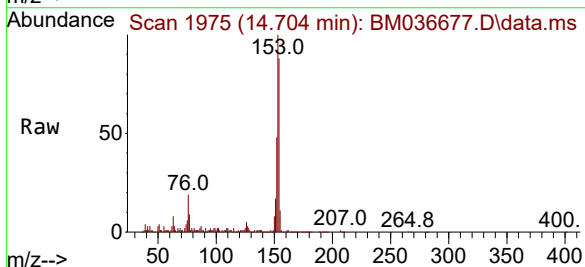
Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB8K3

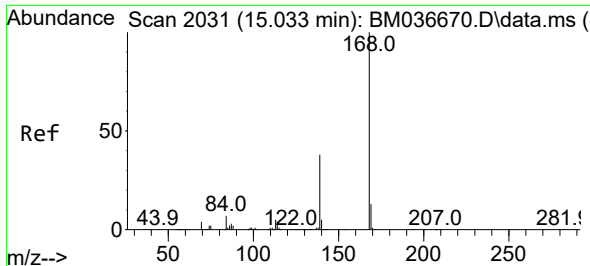
Tgt Ion: 88 Resp: 453945  
 Ion Ratio Lower Upper  
 88 100  
 43 25.3 23.1 34.7  
 58 66.4 56.6 85.0



#52  
 Acenaphthene  
 Concen: 5.782 ng/uL  
 RT: 14.704 min Scan# 1975  
 Delta R.T. -0.006 min  
 Lab File: BM036677.D  
 Acq: 23 Sep 2022 15:06

Tgt Ion: 153 Resp: 438374  
 Ion Ratio Lower Upper  
 153 100  
 152 47.9 38.2 57.2  
 154 88.2 71.0 106.6

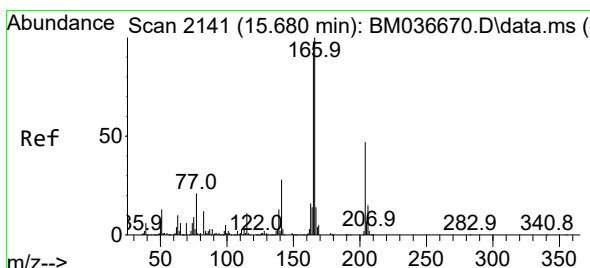
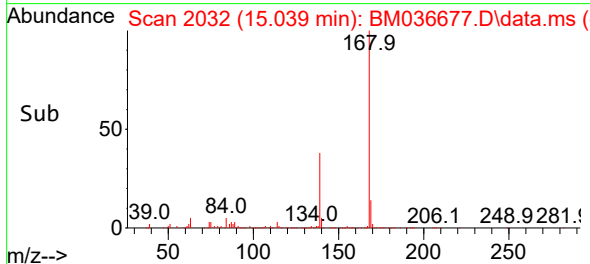
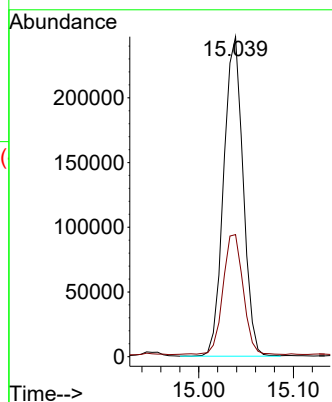
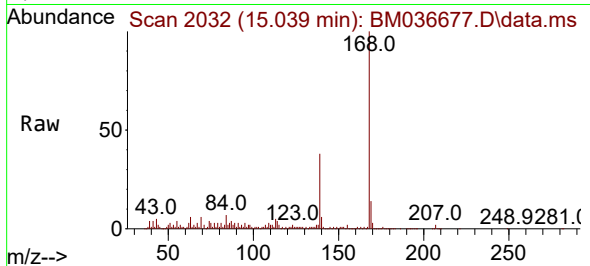




#56  
Dibenzenofuran  
Concen: 3.456 ng/ul  
RT: 15.039 min Scan# 2031  
Delta R.T. -0.006 min  
Lab File: BM036677.D  
Acq: 23 Sep 2022 15:06

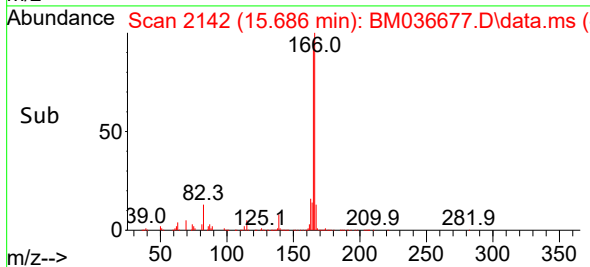
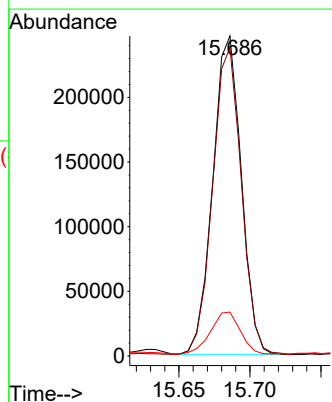
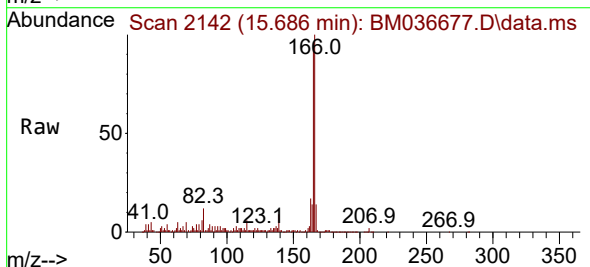
Instrument :  
BNA\_M  
ClientSampleId :  
CB8K3

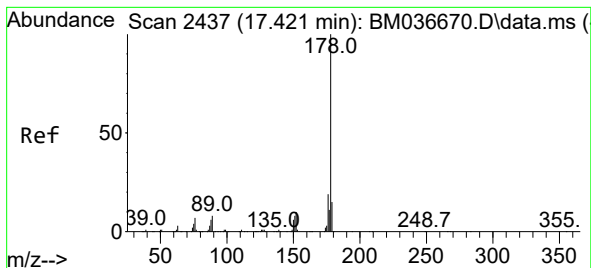
Tgt Ion:168 Resp: 351852  
Ion Ratio Lower Upper  
168 100  
139 38.2 29.7 44.5



#61  
Fluorene  
Concen: 3.966 ng/ul  
RT: 15.686 min Scan# 2142  
Delta R.T. -0.006 min  
Lab File: BM036677.D  
Acq: 23 Sep 2022 15:06

Tgt Ion:166 Resp: 343907  
Ion Ratio Lower Upper  
166 100  
165 96.4 78.5 117.7  
167 13.7 10.4 15.6





#72

Phenanthrene

Concen: 4.754 ng/ul

RT: 17.421 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BM036677.D

Acq: 23 Sep 2022 15:06

Instrument :

BNA\_M

ClientSampleId :

CB8K3

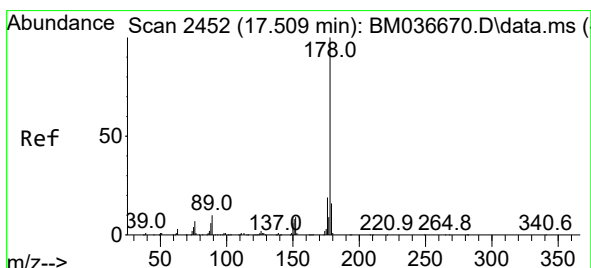
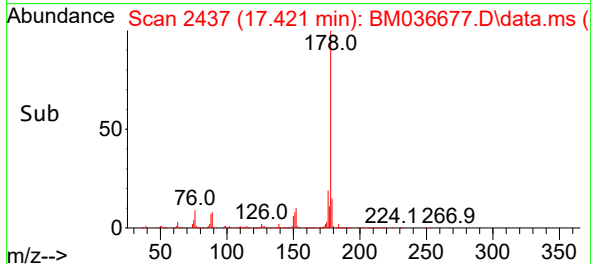
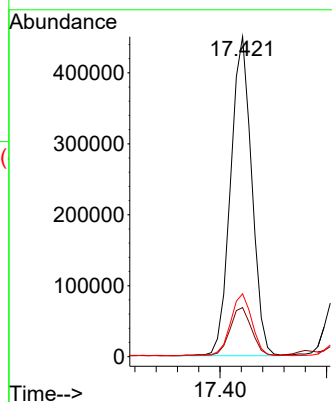
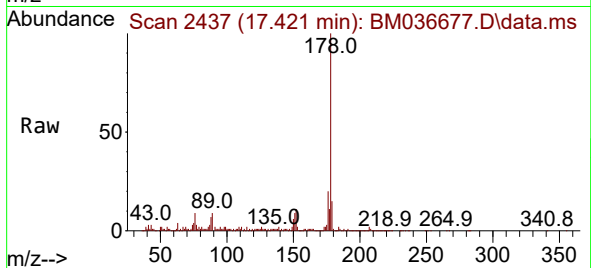
Tgt Ion:178 Resp: 619551

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

176 19.7 15.7 23.5



#74

Anthracene

Concen: 1.077 ng/ul

RT: 17.509 min Scan# 2452

Delta R.T. -0.006 min

Lab File: BM036677.D

Acq: 23 Sep 2022 15:06

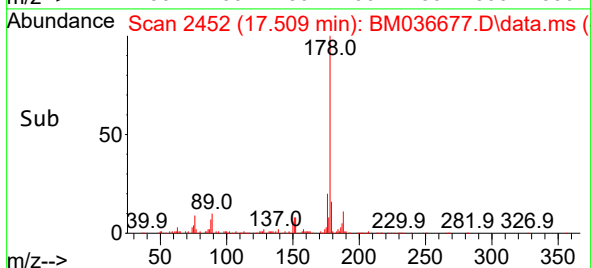
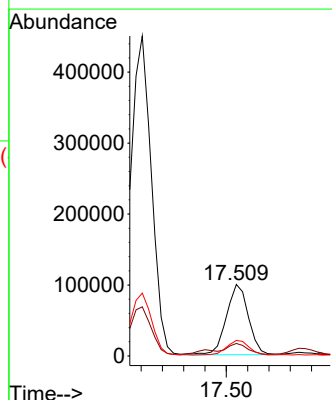
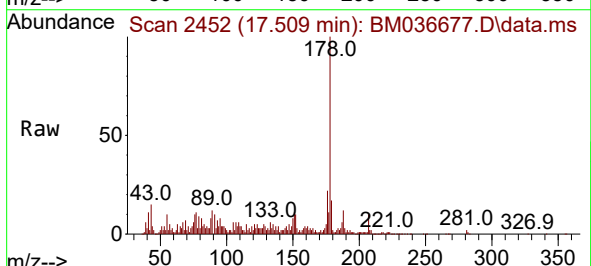
Tgt Ion:178 Resp: 142625

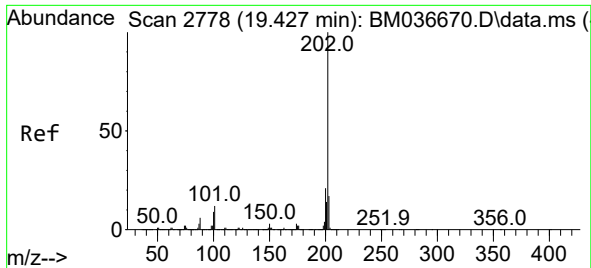
Ion Ratio Lower Upper

178 100

179 17.5 12.3 18.5

176 21.7 15.0 22.6

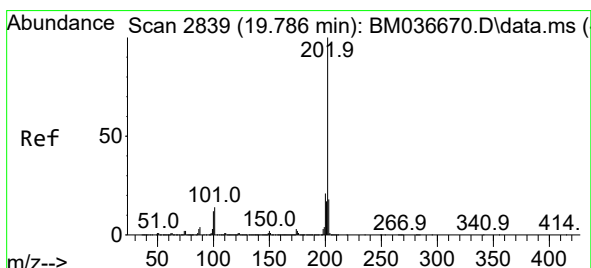
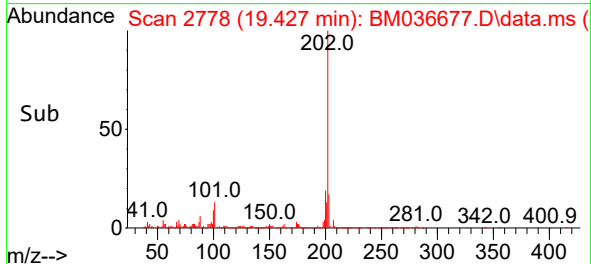
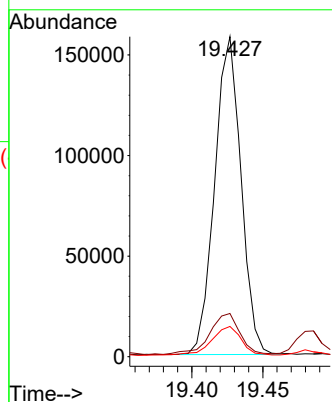
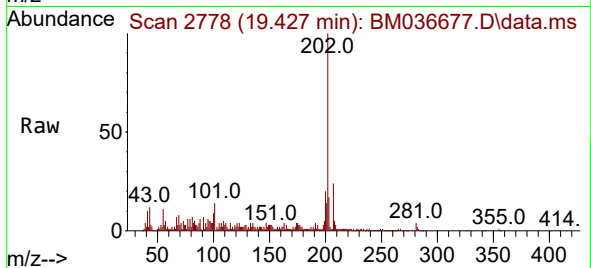




#80  
Fluoranthene  
Concen: 1.846 ng/ul  
RT: 19.427 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM036677.D  
Acq: 23 Sep 2022 15:06

Instrument :  
BNA\_M  
ClientSampleId :  
CB8K3

Tgt Ion:202 Resp: 203607  
Ion Ratio Lower Upper  
202 100  
101 13.5 9.8 14.6  
100 9.4 7.4 11.2



#82  
Pyrene  
Concen: 1.057 ng/ul  
RT: 19.786 min Scan# 2839  
Delta R.T. -0.006 min  
Lab File: BM036677.D  
Acq: 23 Sep 2022 15:06

Tgt Ion:202 Resp: 123394  
Ion Ratio Lower Upper  
202 100  
101 14.7 10.9 16.3  
100 12.8 8.7 13.1

