

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092723\  
 Data File : BM042097.D  
 Acq On : 27 Sep 2023 23:13  
 Operator : MA/JU  
 Sample : 04450-16  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BBHQ6

Quant Time: Sep 28 01:04:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM092223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 22 13:50:58 2023  
 Response via : Initial Calibration

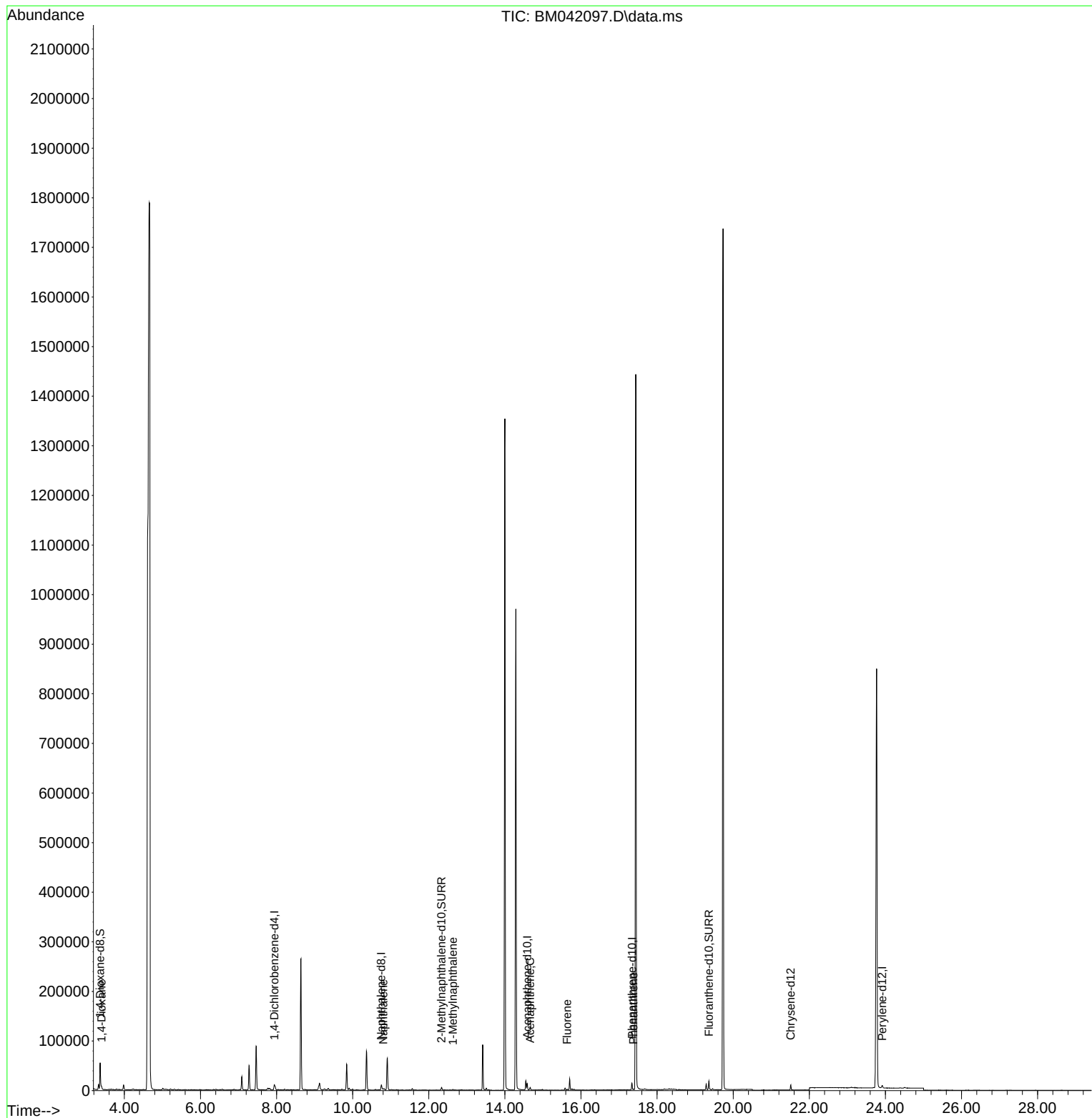
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.942  | 152  | 4868     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.752 | 136  | 12649    | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.588 | 164  | 6516     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.341 | 188  | 13941    | 0.400 | ng/ul  | #-0.01   |
| 17) Chrysene-d12            | 21.513 | 240  | 7263     | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.915 | 264  | 7452     | 0.400 | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.364  | 96   | 33390    | 5.033 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.335 | 152  | 6506     | 0.411 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.362 | 212  | 14146    | 0.473 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.402  | 88   | 2450     | 0.351 | ng/ul  | 95       |
| 5) Naphthalene              | 10.801 | 128  | 4891     | 0.115 | ng/ul# | 88       |
| 8) 1-Methylnaphthalene      | 12.632 | 142  | 771      | 0.030 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.662 | 153  | 1283     | 0.038 | ng/ul# | 28       |
| 12) Fluorene                | 15.638 | 166  | 1031     | 0.027 | ng/ul# | 93       |
| 15) Phenanthrene            | 17.379 | 178  | 1720     | 0.027 | ng/ul# | 78       |
| -----                       |        |      |          |       |        |          |

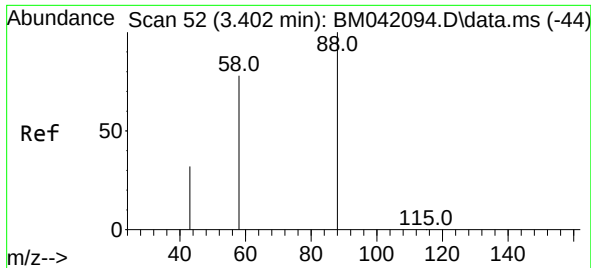
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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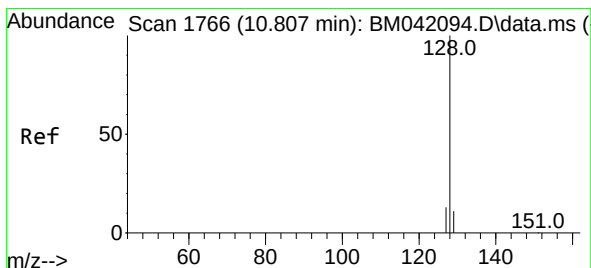
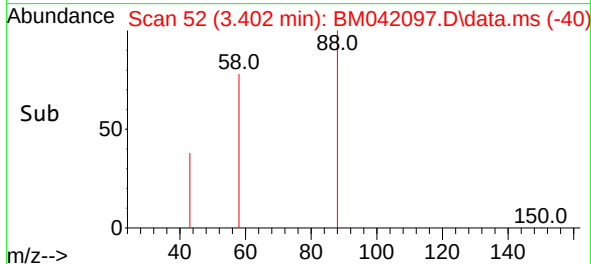
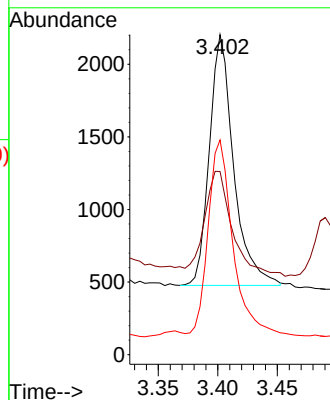
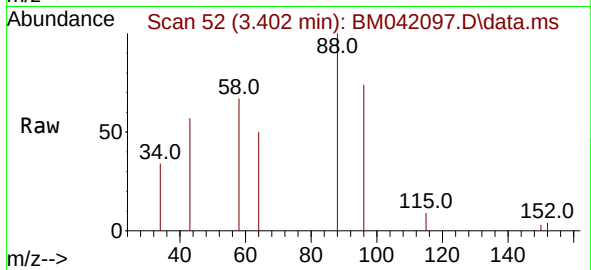




#2  
 1,4-Dioxane  
 Concen: 0.351 ng/ul  
 RT: 3.402 min Scan# 51  
 Delta R.T. -0.008 min  
 Lab File: BM042097.D  
 Acq: 27 Sep 2023 23:13

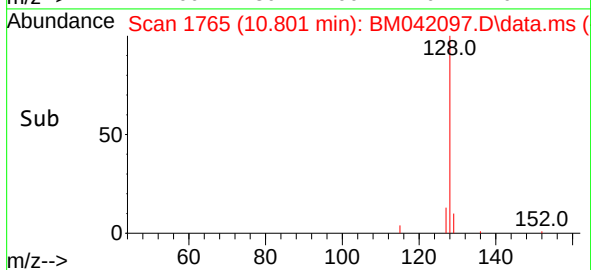
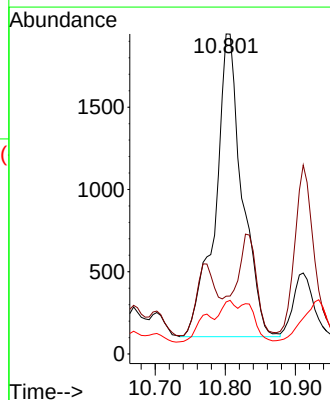
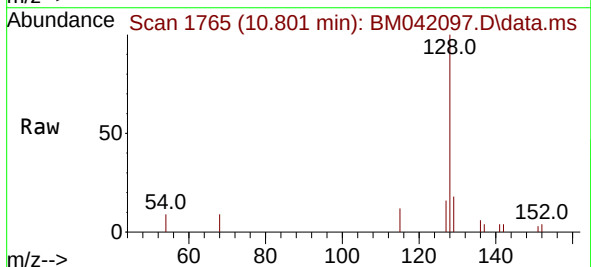
Instrument :  
 BNA\_M  
 ClientSampleId :  
 BBHQ6

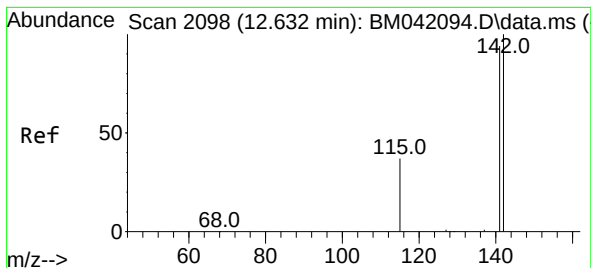
Tgt Ion: 88 Resp: 2450  
 Ion Ratio Lower Upper  
 88 100  
 43 57.3 42.9 64.3  
 58 67.1 56.4 84.6



#5  
 Naphthalene  
 Concen: 0.115 ng/ul  
 RT: 10.801 min Scan# 1765  
 Delta R.T. -0.016 min  
 Lab File: BM042097.D  
 Acq: 27 Sep 2023 23:13

Tgt Ion: 128 Resp: 4891  
 Ion Ratio Lower Upper  
 128 100  
 129 18.0 9.2 13.8#  
 127 16.2 10.8 16.2#





#8

1-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.632 min Scan# 2098

Delta R.T. -0.011 min

Lab File: BM042097.D

Acq: 27 Sep 2023 23:13

Instrument :

BNA\_M

ClientSampleId :

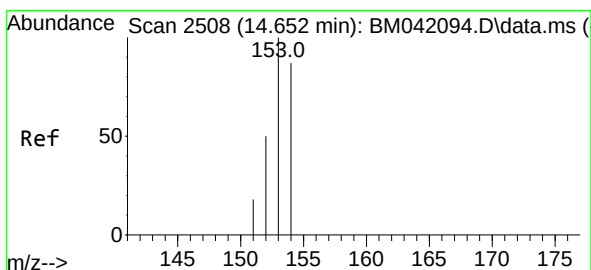
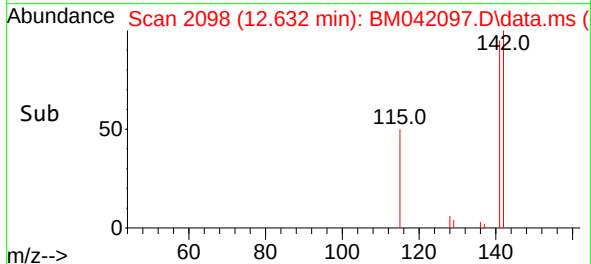
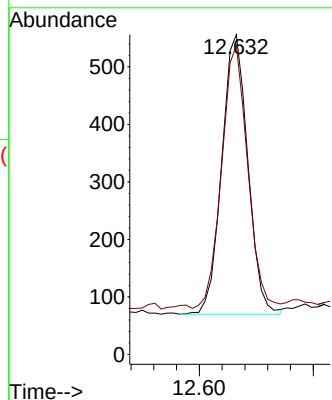
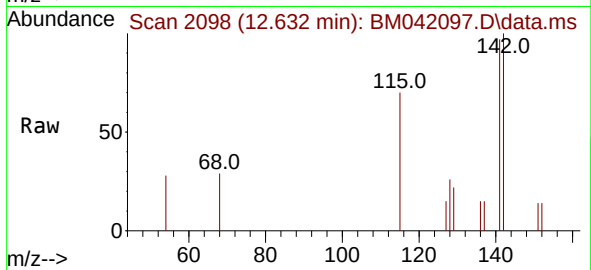
BBHQ6

Tgt Ion:142 Resp: 771

Ion Ratio Lower Upper

142 100

141 93.9 75.1 112.7



#11

Acenaphthene

Concen: 0.038 ng/ul

RT: 14.662 min Scan# 2510

Delta R.T. 0.000 min

Lab File: BM042097.D

Acq: 27 Sep 2023 23:13

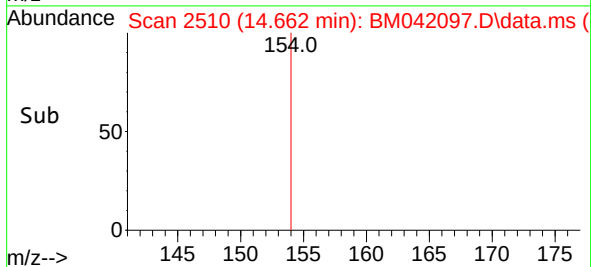
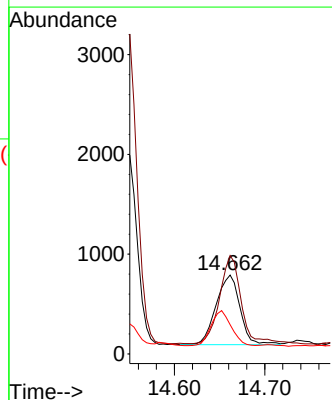
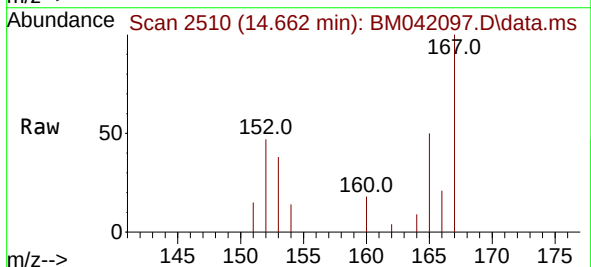
Tgt Ion:153 Resp: 1283

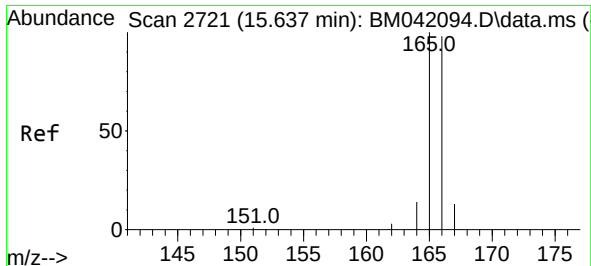
Ion Ratio Lower Upper

153 100

152 124.7 41.8 62.8#

154 37.0 69.0 103.6#

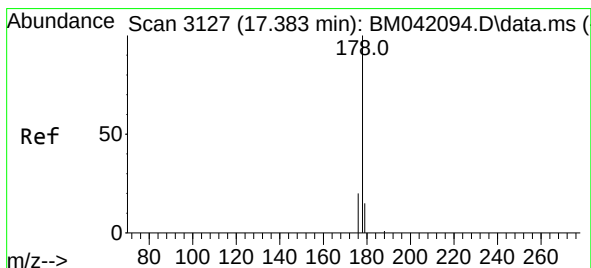
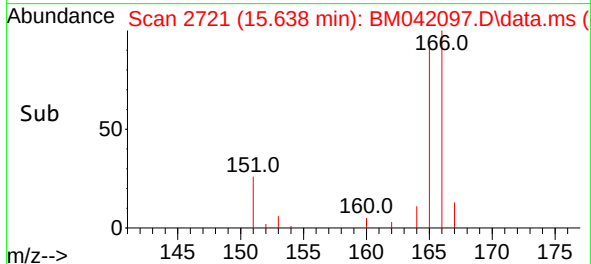
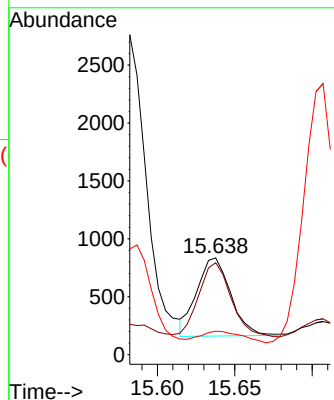
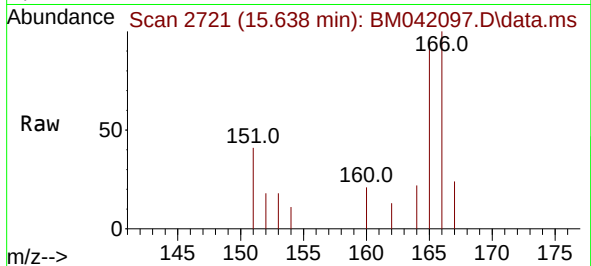




#12  
Fluorene  
Concen: 0.027 ng/ul  
RT: 15.638 min Scan# 21  
Delta R.T. -0.014 min  
Lab File: BM042097.D  
Acq: 27 Sep 2023 23:13

Instrument :  
BNA\_M  
ClientSampleId :  
BBHQ6

Tgt Ion:166 Resp: 1031  
Ion Ratio Lower Upper  
166 100  
165 95.0 79.8 119.8  
167 24.3 11.1 16.7#



#15  
Phenanthrene  
Concen: 0.027 ng/ul  
RT: 17.379 min Scan# 3126  
Delta R.T. -0.017 min  
Lab File: BM042097.D  
Acq: 27 Sep 2023 23:13

Tgt Ion:178 Resp: 1720  
Ion Ratio Lower Upper  
178 100  
179 27.7 12.7 19.1#  
176 28.6 16.6 24.8#

