

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012623\  
 Data File : BM038579.D  
 Acq On : 27 Jan 2023 10:43  
 Operator : CG/JU  
 Sample : 01226-07DL 5X  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EX9F8DL

Quant Time: Jan 27 21:59:10 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM012623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 27 00:18:15 2023  
 Response via : Initial Calibration

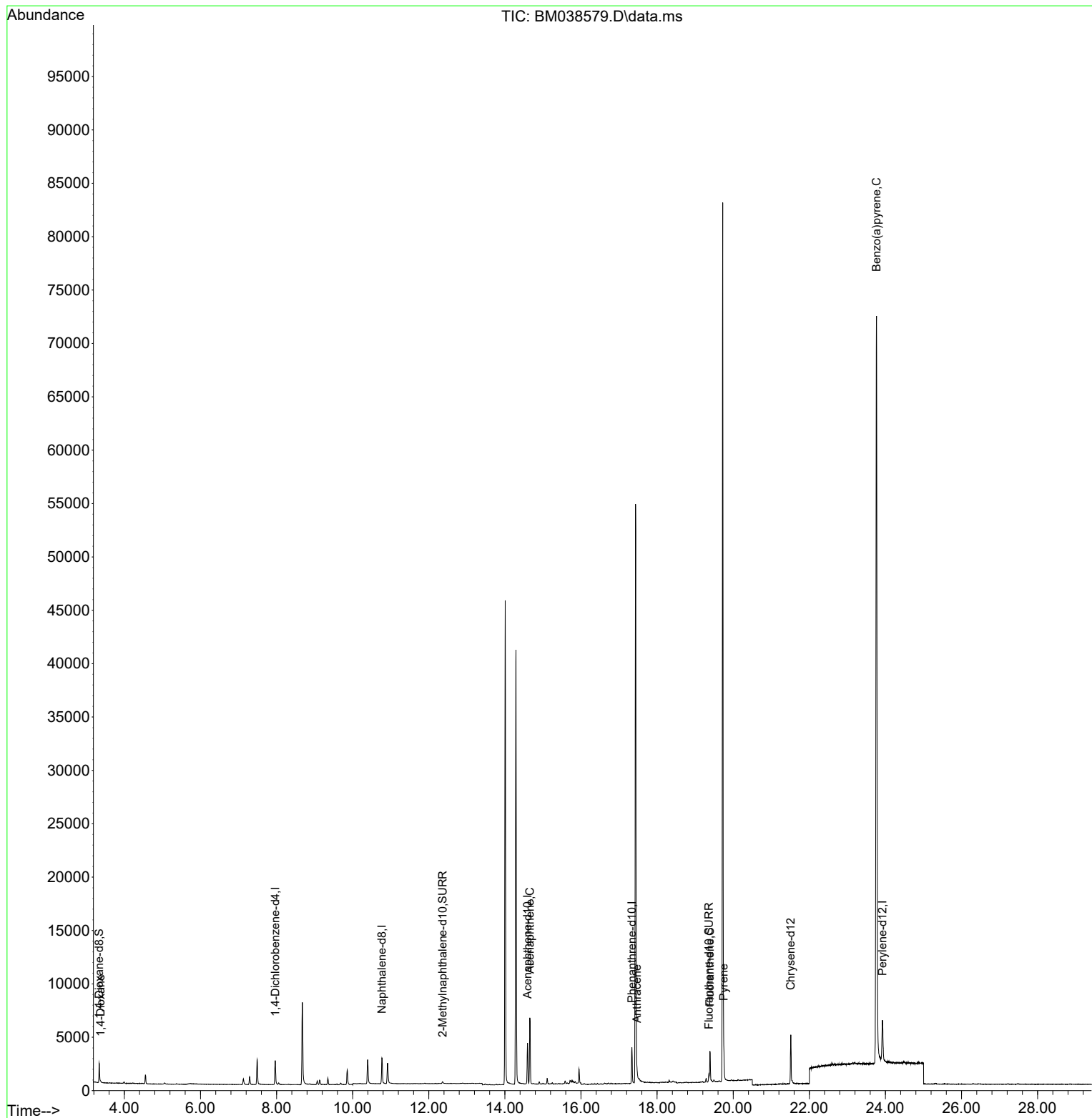
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.967  | 152  | 1254     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.768 | 136  | 3472     | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.597 | 164  | 2060     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.337 | 188  | 4357     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.513 | 240  | 4538     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.921 | 264  | 5373     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.339  | 96   | 1323     | 0.803 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.363 | 152  | 297      | 0.055 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.362 | 212  | 892      | 0.069 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.376  | 88   | 72       | 0.043 | ng/ul# | 35       |
| 11) Acenaphthene            | 14.657 | 153  | 3549     | 0.513 | ng/ul  | 99       |
| 16) Anthracene              | 17.472 | 178  | 281      | 0.023 | ng/ul# | 40       |
| 19) Fluoranthene            | 19.390 | 202  | 2609     | 0.161 | ng/ul# | 92       |
| 20) Pyrene                  | 19.752 | 202  | 2309     | 0.133 | ng/ul# | 91       |
| 26) Benzo(a)pyrene          | 23.766 | 252  | 500      | 0.028 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

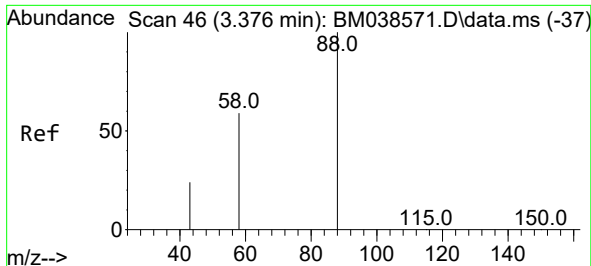
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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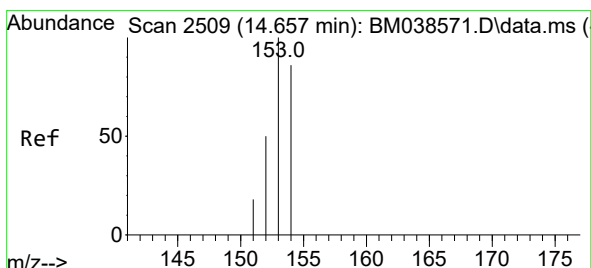
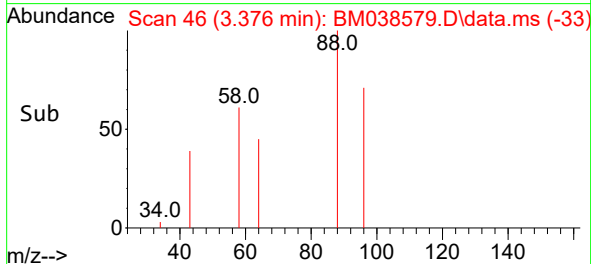
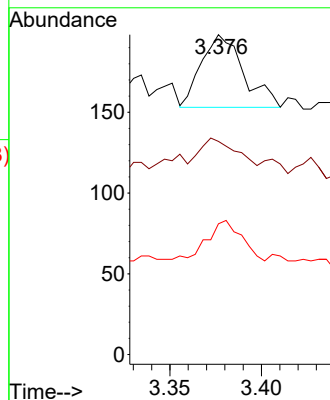
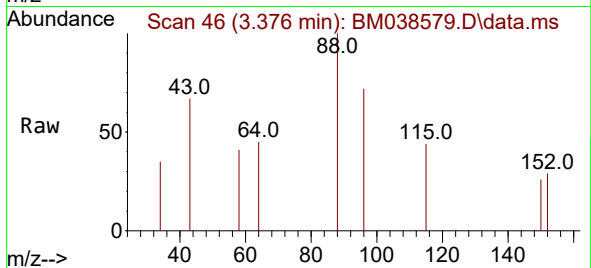




#2  
1,4-Dioxane  
Concen: 0.043 ng/ul  
RT: 3.376 min Scan# 46  
Delta R.T. -0.004 min  
Lab File: BM038579.D  
Acq: 27 Jan 2023 10:43

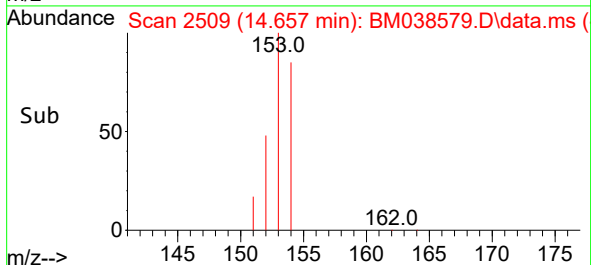
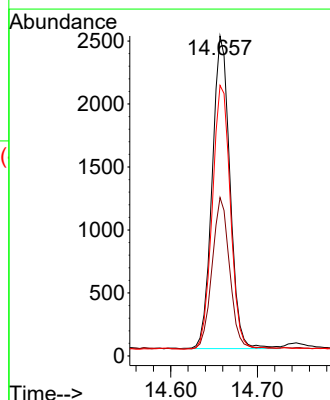
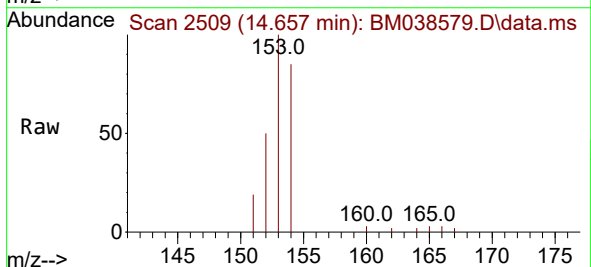
Instrument :  
BNA\_M  
ClientSampleId :  
EX9F8DL

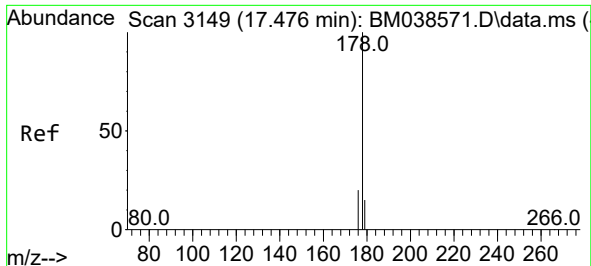
Tgt Ion: 88 Resp: 72  
Ion Ratio Lower Upper  
88 100  
43 66.7 141.3 211.9#  
58 40.9 45.7 68.5#



#11  
Acenaphthene  
Concen: 0.513 ng/ul  
RT: 14.657 min Scan# 2509  
Delta R.T. -0.005 min  
Lab File: BM038579.D  
Acq: 27 Jan 2023 10:43

Tgt Ion: 153 Resp: 3549  
Ion Ratio Lower Upper  
153 100  
152 49.5 40.1 60.1  
154 84.6 68.4 102.6

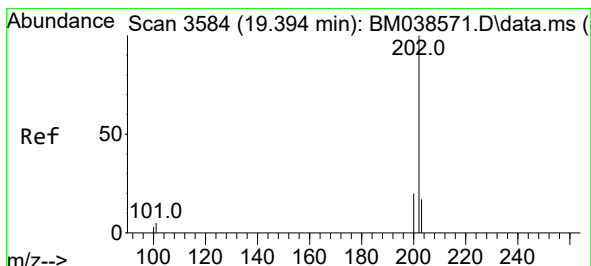
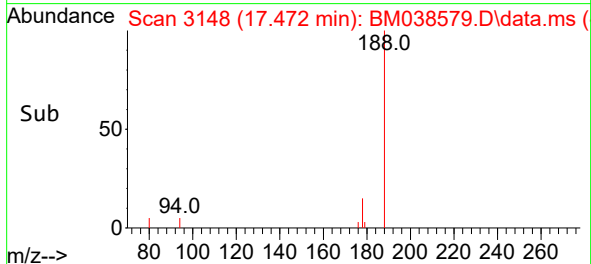
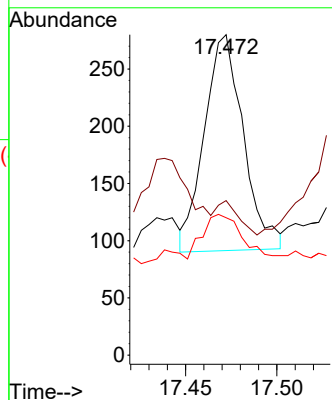
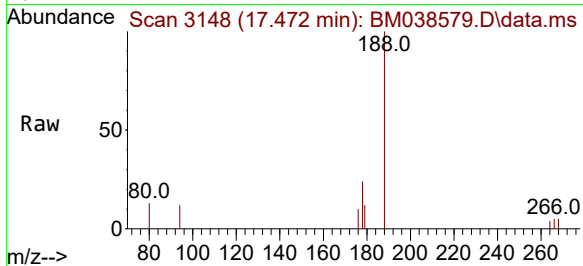




#16  
 Anthracene  
 Concen: 0.023 ng/ul  
 RT: 17.472 min Scan# 3148  
 Delta R.T. -0.004 min  
 Lab File: BM038579.D  
 Acq: 27 Jan 2023 10:43

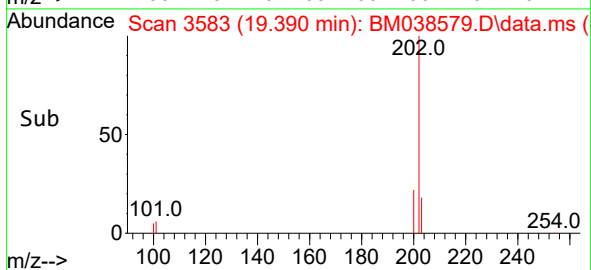
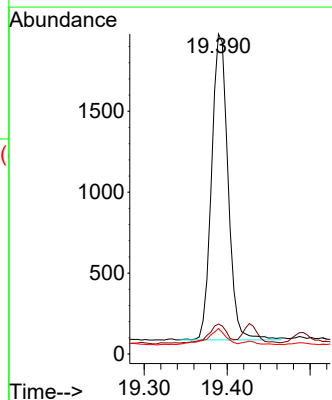
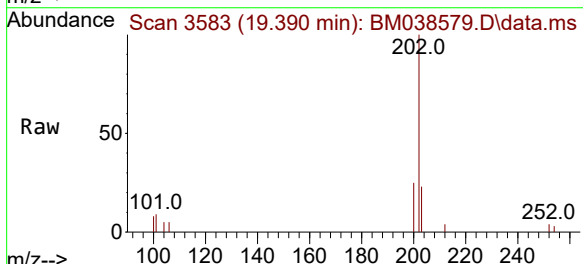
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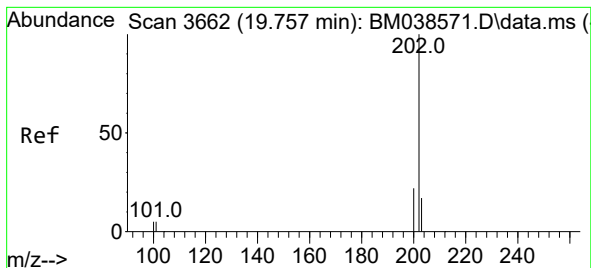
Tgt Ion:178 Resp: 281  
 Ion Ratio Lower Upper  
 178 100  
 179 48.2 13.2 19.8#  
 176 42.9 16.2 24.4#



#19  
 Fluoranthene  
 Concen: 0.161 ng/ul  
 RT: 19.390 min Scan# 3583  
 Delta R.T. -0.005 min  
 Lab File: BM038579.D  
 Acq: 27 Jan 2023 10:43

Tgt Ion:202 Resp: 2609  
 Ion Ratio Lower Upper  
 202 100  
 101 9.4 5.3 7.9#  
 100 8.0 4.2 6.2#





#20

Pyrene

Concen: 0.133 ng/ul

RT: 19.752 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM038579.D

Acq: 27 Jan 2023 10:43

Instrument :

BNA\_M

ClientSampleId :

EX9F8DL

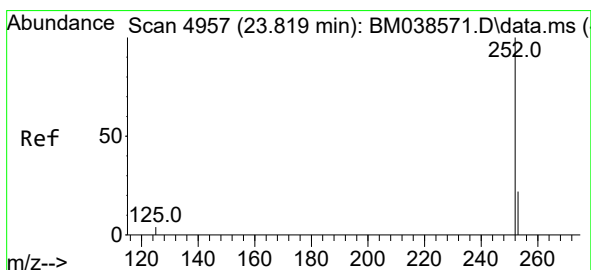
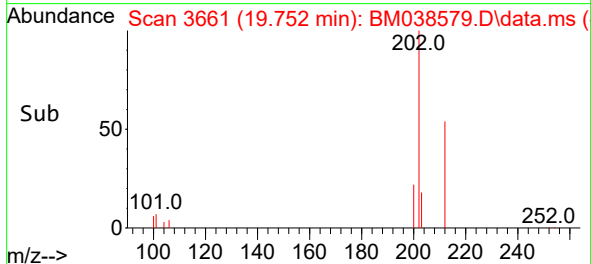
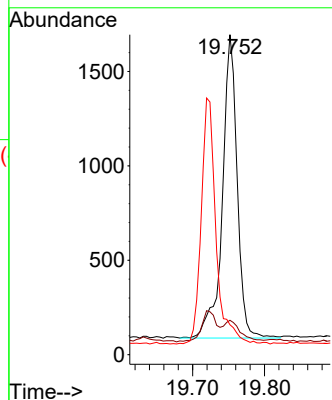
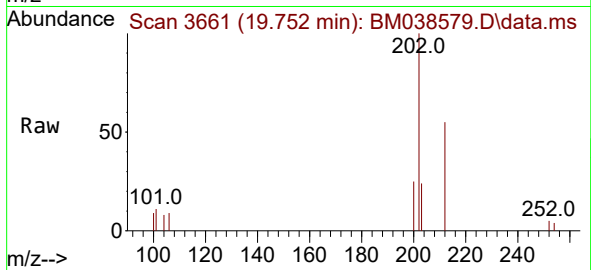
Tgt Ion:202 Resp: 2309

Ion Ratio Lower Upper

202 100

101 10.7 5.9 8.9#

100 9.3 5.2 7.8#



#26

Benzo(a)pyrene

Concen: 0.028 ng/ul

RT: 23.766 min Scan# 4939

Delta R.T. -0.056 min

Lab File: BM038579.D

Acq: 27 Jan 2023 10:43

Tgt Ion:252 Resp: 500

Ion Ratio Lower Upper

252 100

253 111.9 25.1 37.7#

125 75.2 10.0 15.0#

