

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020823\  
 Data File : BM038714.D  
 Acq On : 08 Feb 2023 11:04  
 Operator : CG/JU  
 Sample : 01422-04  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0B63

Quant Time: Feb 08 23:55:45 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM020723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 07 14:57:50 2023  
 Response via : Initial Calibration

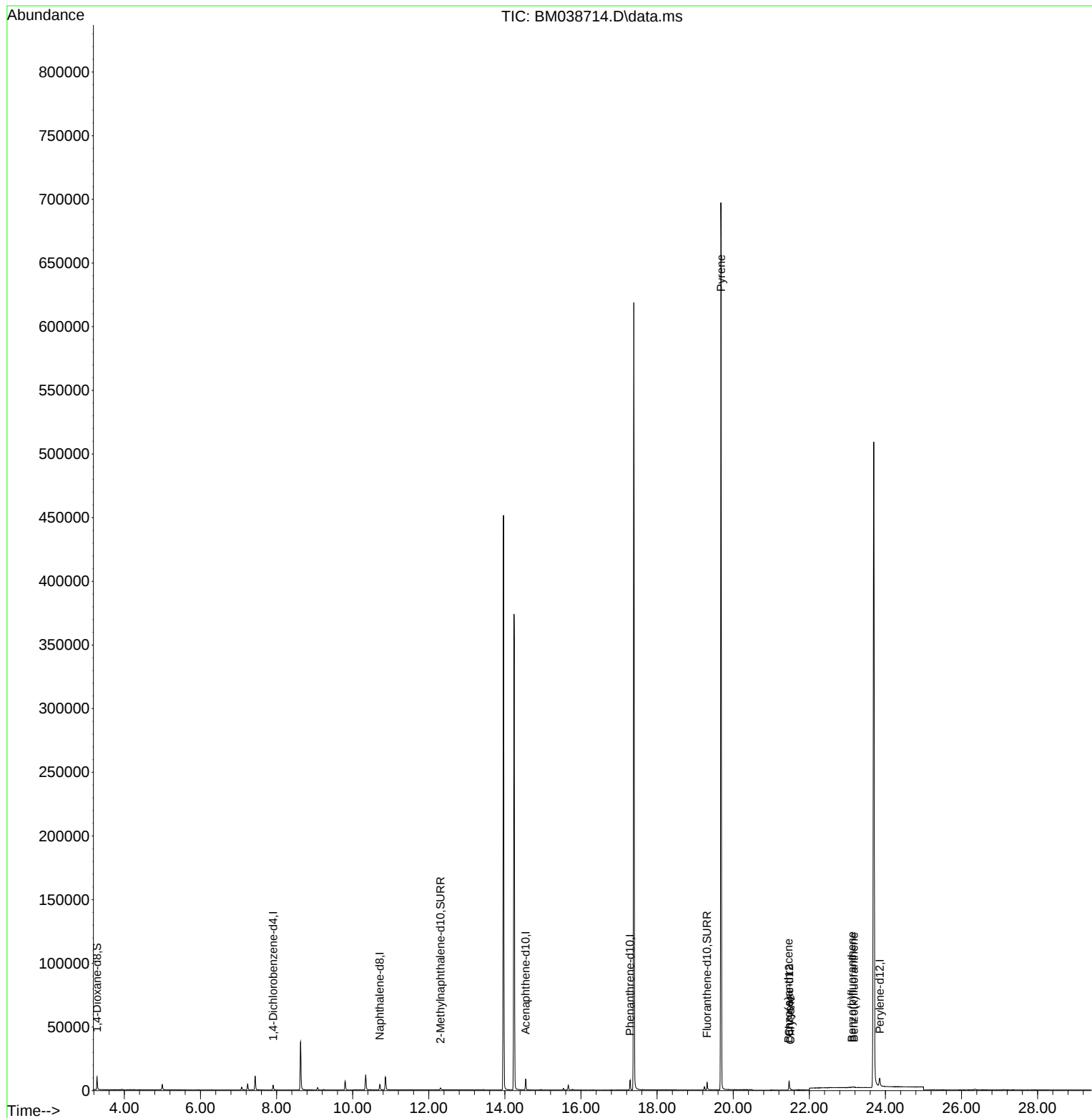
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.912  | 152  | 2084     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.713 | 136  | 5809     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.546 | 164  | 4718     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.291 | 188  | 9619     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.469 | 240  | 7545     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.851 | 264  | 9318     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.284  | 96   | 7003     | 3.182 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.308 | 152  | 2433     | 0.241 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.315 | 212  | 6593     | 0.299 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 20) Pyrene                  | 19.678 | 202  | 1692     | 0.053 | ng/ul# | 1        |
| 21) Benzo(a)anthracene      | 21.454 | 228  | 518      | 0.021 | ng/ul# | 79       |
| 22) Chrysene                | 21.507 | 228  | 625      | 0.024 | ng/ul# | 84       |
| 24) Benzo(b)fluoranthene    | 23.123 | 252  | 811      | 0.024 | ng/ul# | 21       |
| 25) Benzo(k)fluoranthene    | 23.170 | 252  | 749      | 0.022 | ng/ul# | 24       |
| -----                       |        |      |          |       |        |          |

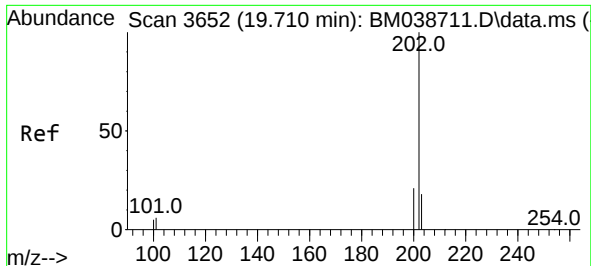
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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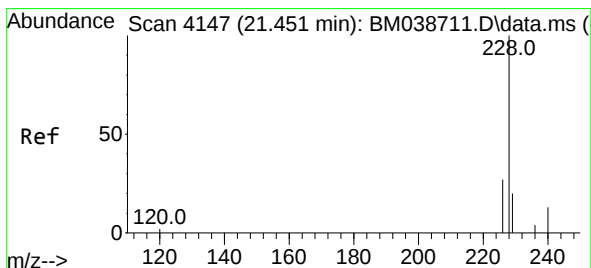
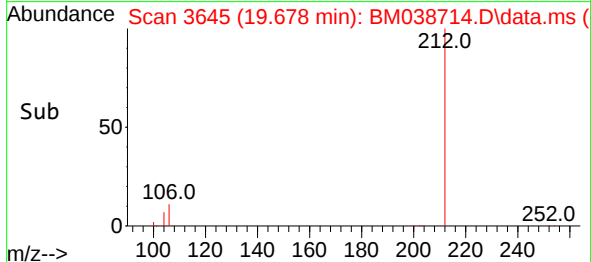
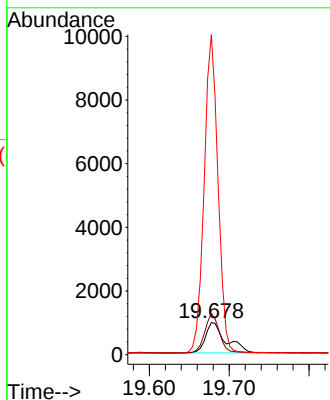
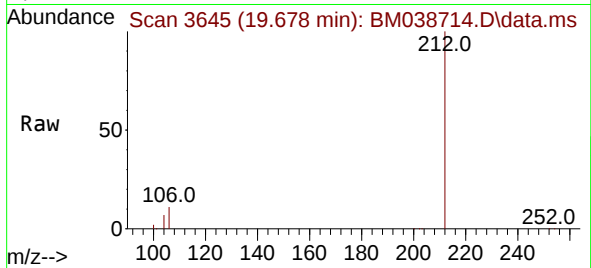




#20  
Pyrene  
Concen: 0.053 ng/ul  
RT: 19.678 min Scan# 3645  
Delta R.T. -0.033 min  
Lab File: BM038714.D  
Acq: 08 Feb 2023 11:04

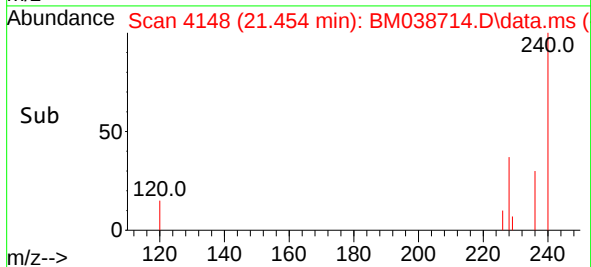
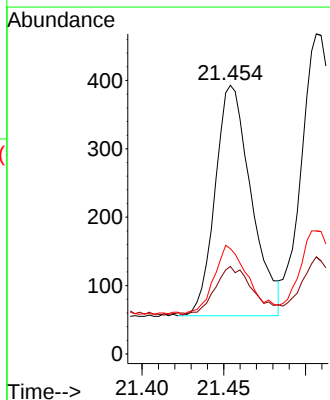
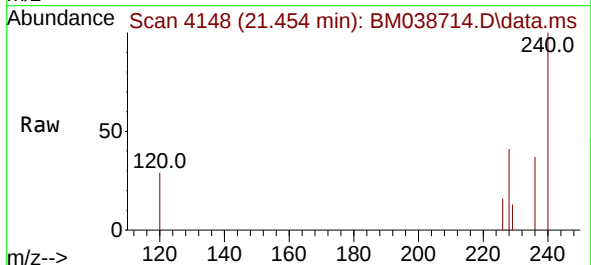
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ClientSampleId :  
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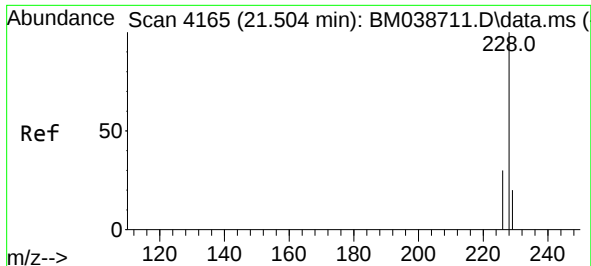
Tgt Ion:202 Resp: 1692  
Ion Ratio Lower Upper  
202 100  
101 129.1 6.2 9.2#  
100 1002.4 5.2 7.8#



#21  
Benzo(a)anthracene  
Concen: 0.021 ng/ul  
RT: 21.454 min Scan# 4148  
Delta R.T. 0.000 min  
Lab File: BM038714.D  
Acq: 08 Feb 2023 11:04

Tgt Ion:228 Resp: 518  
Ion Ratio Lower Upper  
228 100  
229 32.6 17.0 25.6#  
226 39.2 23.0 34.6#

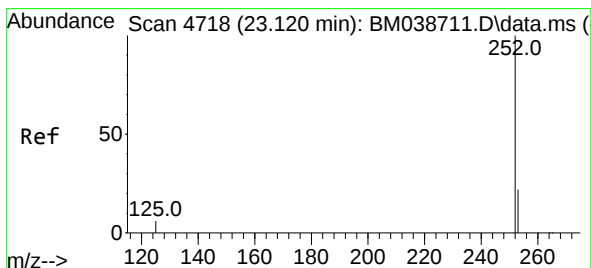
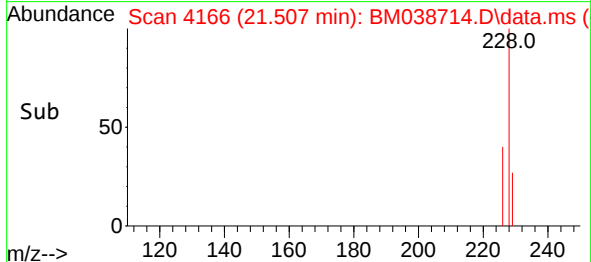
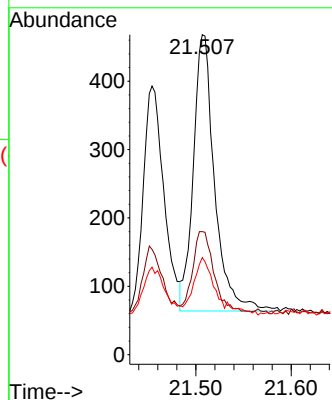
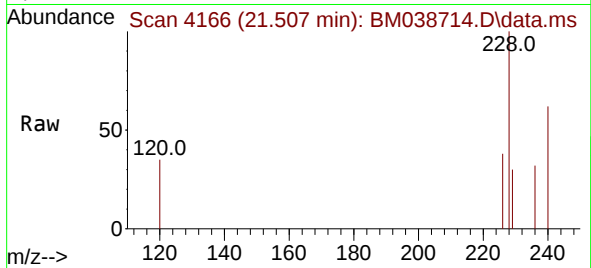




#22  
Chrysene  
Concen: 0.024 ng/ul  
RT: 21.507 min Scan# 4165  
Delta R.T. 0.000 min  
Lab File: BM038714.D  
Acq: 08 Feb 2023 11:04

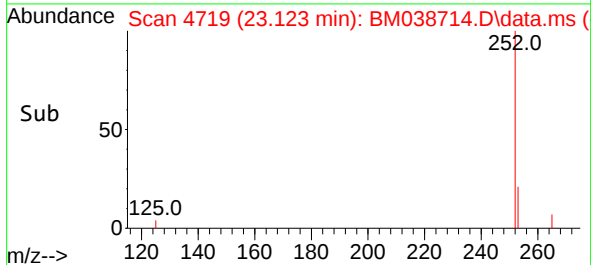
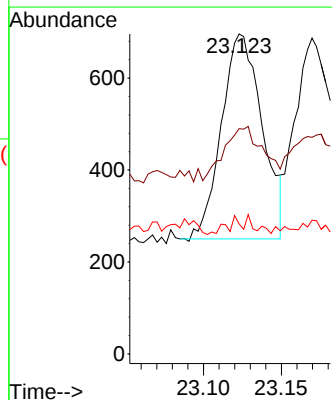
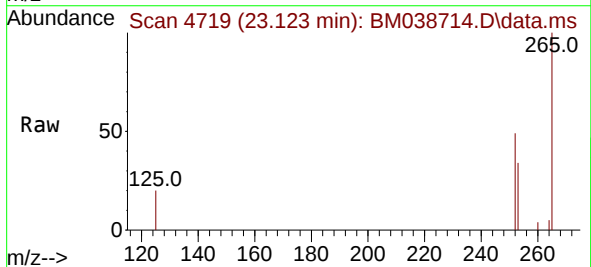
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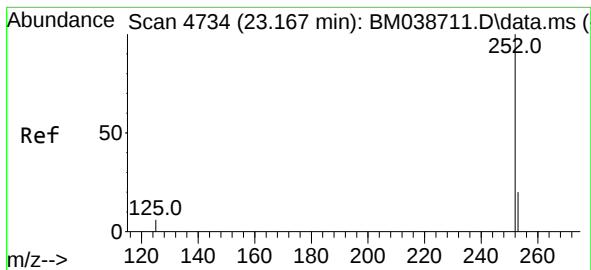
Tgt Ion:228 Resp: 625  
Ion Ratio Lower Upper  
228 100  
226 38.5 25.4 38.0#  
229 30.3 16.0 24.0#



#24  
Benzo(b)fluoranthene  
Concen: 0.024 ng/ul  
RT: 23.123 min Scan# 4719  
Delta R.T. 0.000 min  
Lab File: BM038714.D  
Acq: 08 Feb 2023 11:04

Tgt Ion:252 Resp: 811  
Ion Ratio Lower Upper  
252 100  
253 70.4 0.0 56.4#  
125 40.7 0.0 22.8#





#25

Benzo(k)fluoranthene

Concen: 0.022 ng/ul

RT: 23.170 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM038714.D

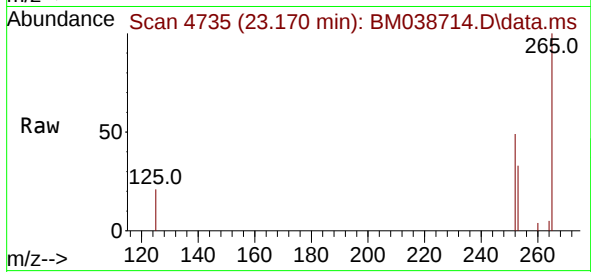
Acq: 08 Feb 2023 11:04

Instrument :

BNA\_M

ClientSampleId :

C0B63



Tgt Ion:252 Resp: 749

Ion Ratio Lower Upper

252 100

253 68.6 23.0 34.6#

125 42.4 9.4 14.0#

