

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101722\  
 Data File : BM037118.D  
 Acq On : 17 Oct 2022 18:14  
 Operator : CG/JU  
 Sample : N4984-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGNC3

Quant Time: Oct 17 23:55:40 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 17 02:26:13 2022  
 Response via : Initial Calibration

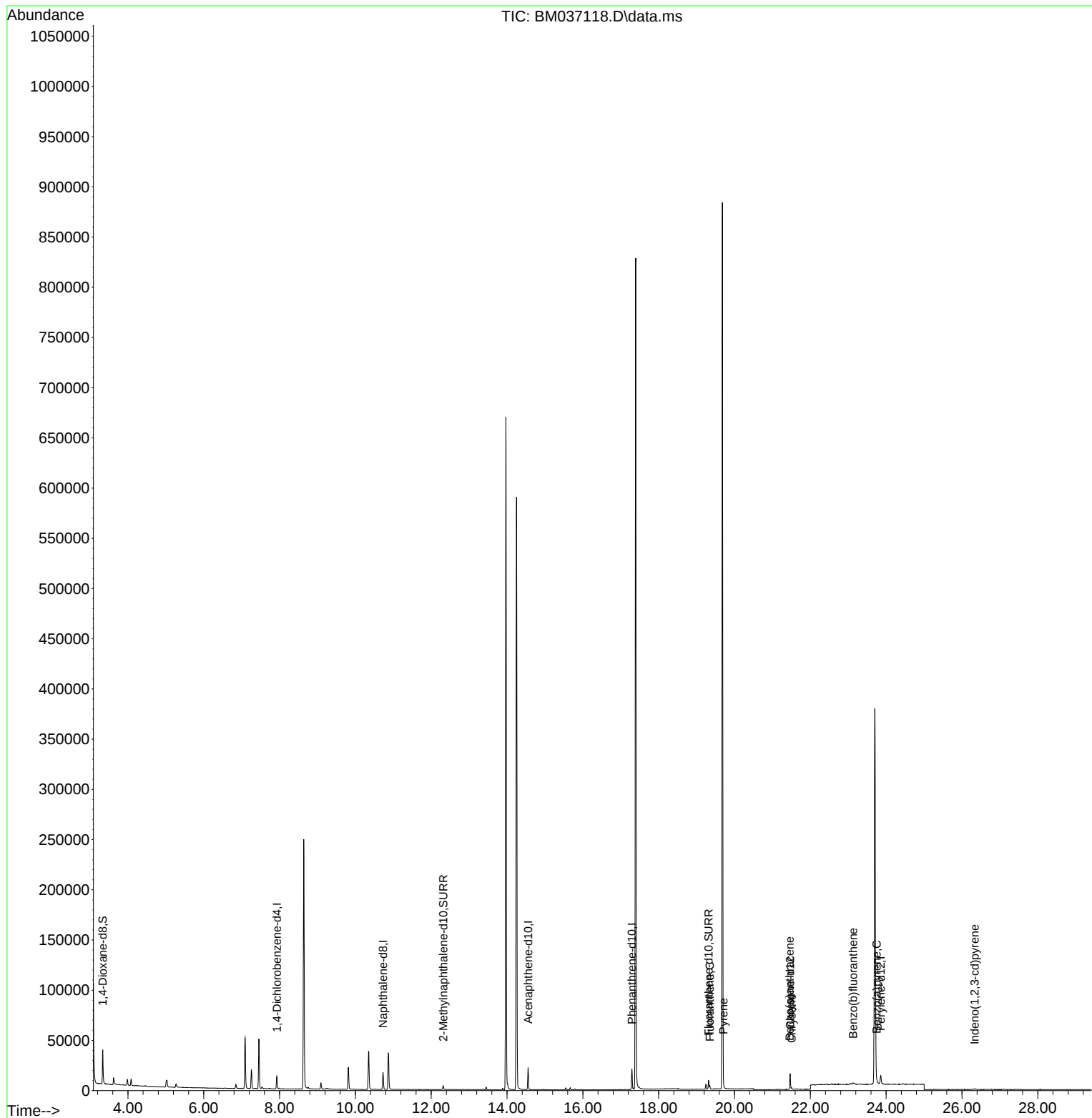
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.926  | 152  | 6139     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.727 | 136  | 22437    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.557 | 164  | 11730    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.292 | 188  | 23180    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.468 | 240  | 13389    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.856 | 264  | 11913    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.335  | 96   | 21550    | 2.489 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.316 | 152  | 5167     | 0.152 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.317 | 212  | 9090     | 0.227 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 19) Fluoranthene            | 19.345 | 202  | 2908     | 0.055 | ng/ul# | 89       |
| 20) Pyrene                  | 19.707 | 202  | 2244     | 0.040 | ng/ul# | 83       |
| 21) Benzo(a)anthracene      | 21.453 | 228  | 1383     | 0.029 | ng/ul# | 72       |
| 22) Chrysene                | 21.506 | 228  | 1339     | 0.026 | ng/ul# | 79       |
| 24) Benzo(b)fluoranthene    | 23.128 | 252  | 2159     | 0.041 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.748 | 252  | 1168     | 0.027 | ng/ul# | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 26.333 | 276  | 1233     | 0.020 | ng/ul# | 92       |
| -----                       |        |      |          |       |        |          |

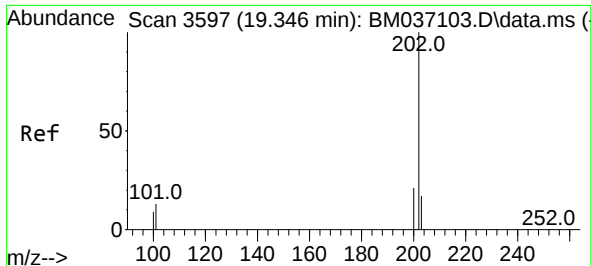
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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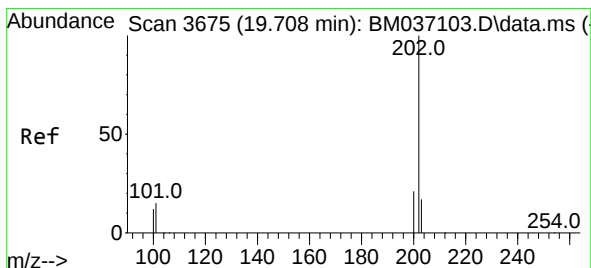
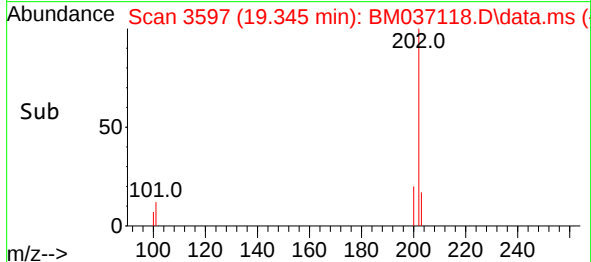
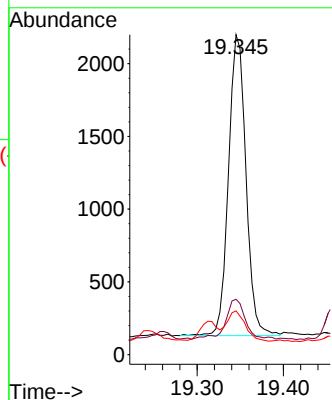
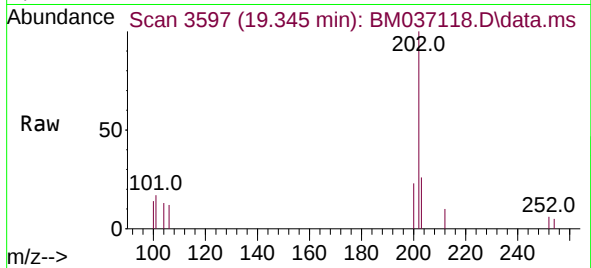




#19  
Fluoranthene  
Concen: 0.055 ng/ul  
RT: 19.345 min Scan# 3597  
Delta R.T. -0.005 min  
Lab File: BM037118.D  
Acq: 17 Oct 2022 18:14

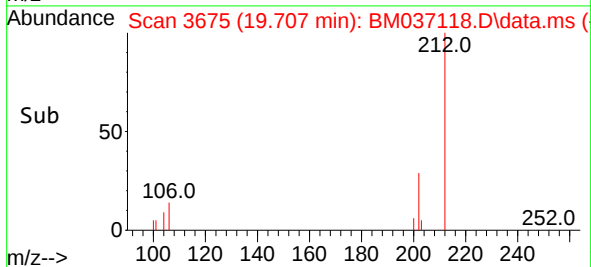
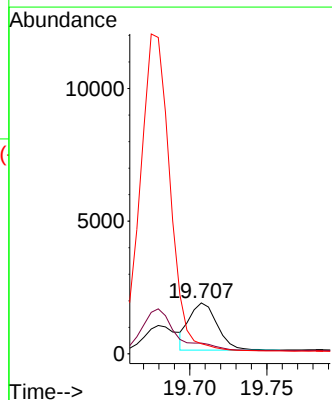
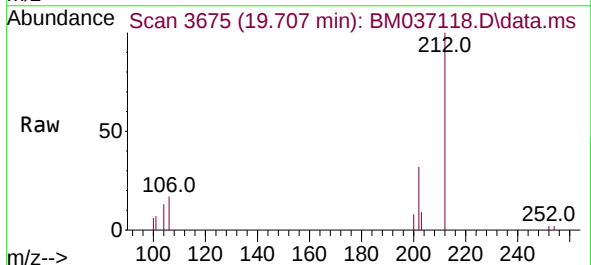
Instrument :  
BNA\_M  
ClientSampleId :  
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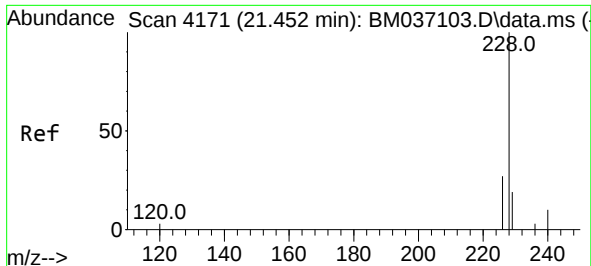
Tgt Ion:202 Resp: 2908  
Ion Ratio Lower Upper  
202 100  
101 17.3 10.1 15.1#  
100 13.7 7.9 11.9#



#20  
Pyrene  
Concen: 0.040 ng/ul  
RT: 19.707 min Scan# 3675  
Delta R.T. 0.000 min  
Lab File: BM037118.D  
Acq: 17 Oct 2022 18:14

Tgt Ion:202 Resp: 2244  
Ion Ratio Lower Upper  
202 100  
101 21.2 12.0 18.0#  
100 20.0 9.8 14.6#

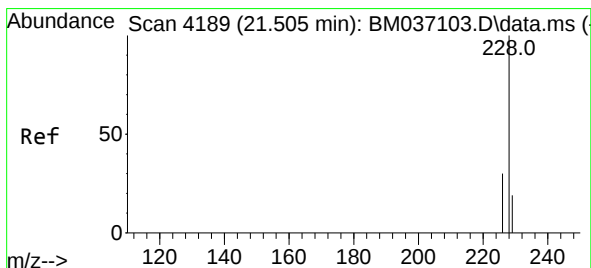
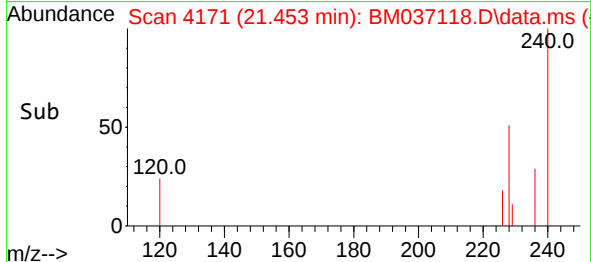
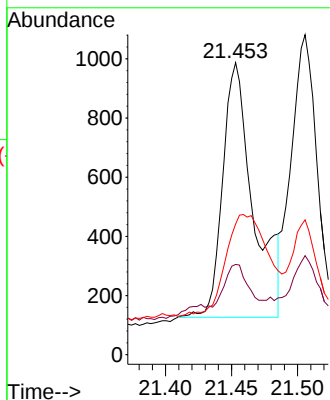
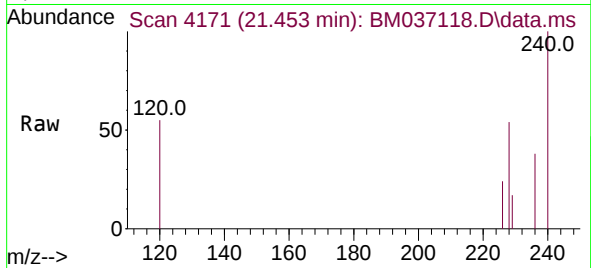




#21  
Benzo(a)anthracene  
Concen: 0.029 ng/u1  
RT: 21.453 min Scan# 4171  
Delta R.T. 0.003 min  
Lab File: BM037118.D  
Acq: 17 Oct 2022 18:14

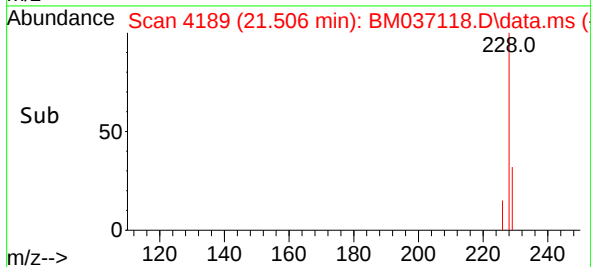
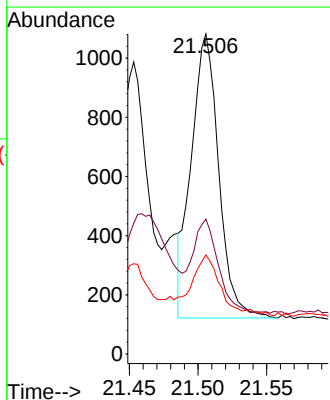
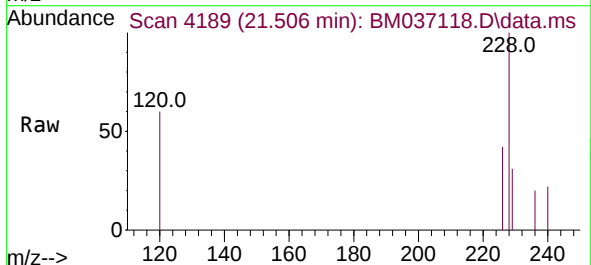
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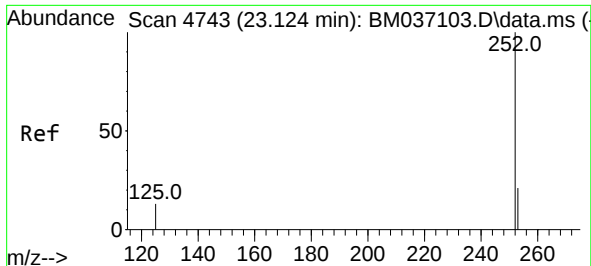
Tgt Ion:228 Resp: 1383  
Ion Ratio Lower Upper  
228 100  
229 30.9 16.2 24.2#  
226 44.8 22.5 33.7#



#22  
Chrysene  
Concen: 0.026 ng/u1  
RT: 21.506 min Scan# 4189  
Delta R.T. 0.003 min  
Lab File: BM037118.D  
Acq: 17 Oct 2022 18:14

Tgt Ion:228 Resp: 1339  
Ion Ratio Lower Upper  
228 100  
226 42.1 24.6 37.0#  
229 31.0 16.4 24.6#

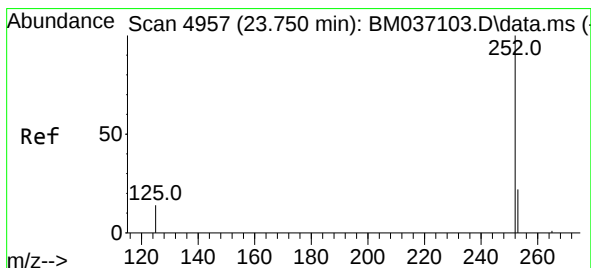
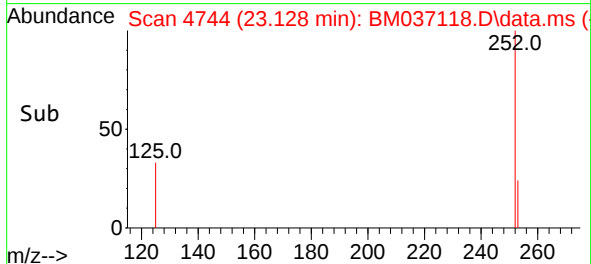
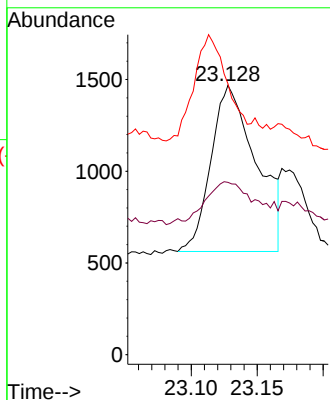
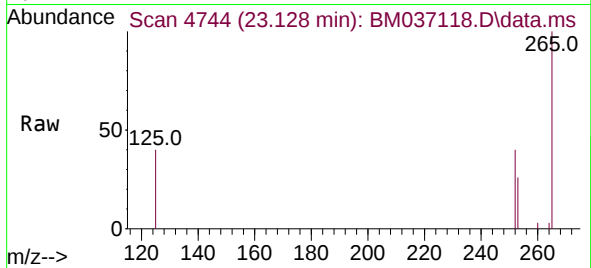




#24  
Benzo(b)fluoranthene  
Concen: 0.041 ng/ul  
RT: 23.128 min Scan# 4743  
Delta R.T. 0.006 min  
Lab File: BM037118.D  
Acq: 17 Oct 2022 18:14

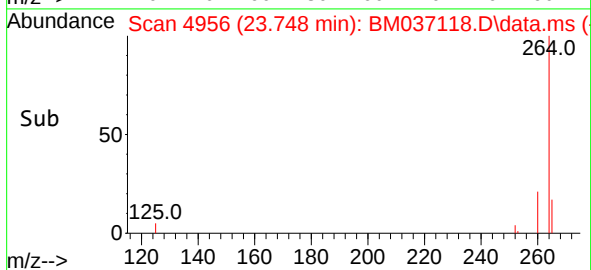
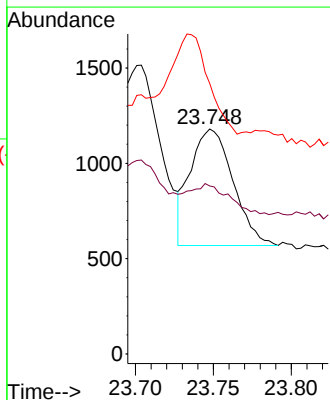
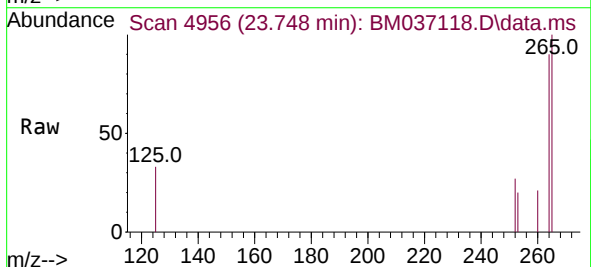
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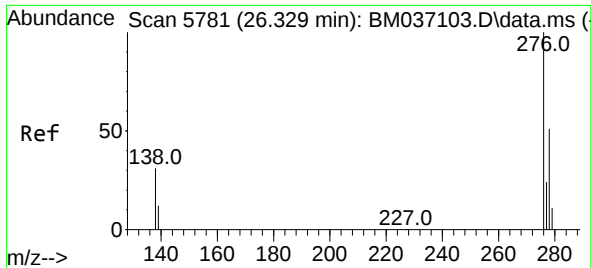
Tgt Ion:252 Resp: 2159  
Ion Ratio Lower Upper  
252 100  
253 64.0 0.0 61.4#  
125 100.6 0.0 42.6#



#26  
Benzo(a)pyrene  
Concen: 0.027 ng/ul  
RT: 23.748 min Scan# 4956  
Delta R.T. 0.003 min  
Lab File: BM037118.D  
Acq: 17 Oct 2022 18:14

Tgt Ion:252 Resp: 1168  
Ion Ratio Lower Upper  
252 100  
253 74.7 29.7 44.5#  
125 120.3 23.6 35.4#





#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.020 ng/ul  
 RT: 26.333 min Scan# 51  
 Delta R.T. 0.007 min  
 Lab File: BM037118.D  
 Acq: 17 Oct 2022 18:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGNC3

Tgt Ion:276 Resp: 1233  
 Ion Ratio Lower Upper  
 276 100  
 138 34.3 23.9 35.9  
 227 0.3 0.1 0.1#

