

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101722\  
 Data File : BM037120.D  
 Acq On : 17 Oct 2022 20:01  
 Operator : CG/JU  
 Sample : PB148314BL  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK314

Quant Time: Oct 17 23:55:58 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

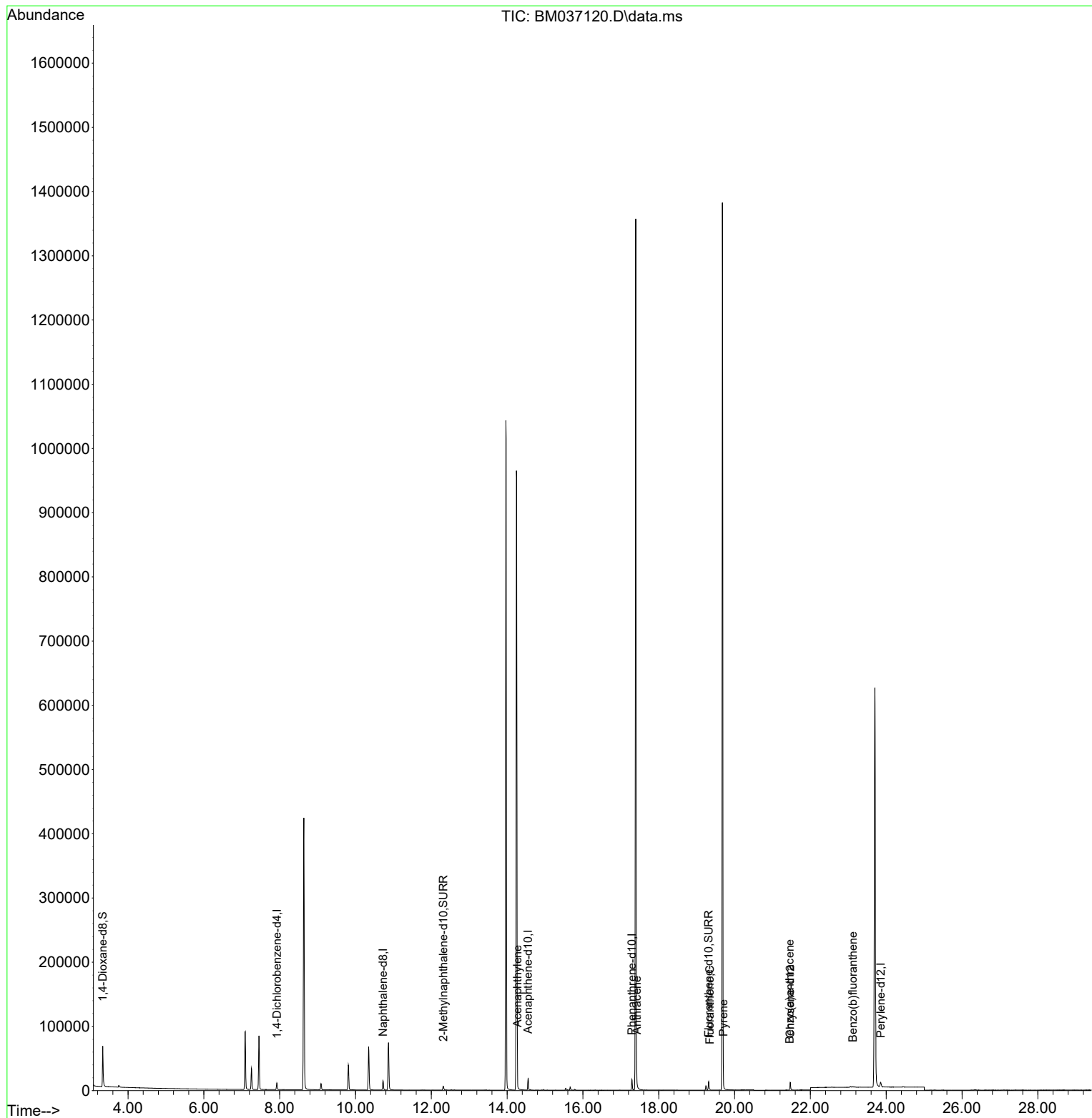
| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.926  | 152  | 5181     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.726 | 136  | 18835    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.552 | 164  | 9947     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.292 | 188  | 18816    | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.468 | 240  | 10762    | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.853 | 264  | 10475    | 0.400 | ng/ul # | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.335  | 96   | 40578    | 5.554 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.316 | 152  | 9065     | 0.319 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.317 | 212  | 13828    | 0.430 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 10) Acenaphthylene          | 14.274 | 152  | 902      | 0.022 | ng/ul#  | 71       |
| 16) Anthracene              | 17.423 | 178  | 1056     | 0.021 | ng/ul#  | 77       |
| 19) Fluoranthene            | 19.345 | 202  | 1127     | 0.026 | ng/ul#  | 80       |
| 20) Pyrene                  | 19.707 | 202  | 1041     | 0.023 | ng/ul#  | 66       |
| 21) Benzo(a)anthracene      | 21.453 | 228  | 853      | 0.022 | ng/ul#  | 82       |
| 24) Benzo(b)fluoranthene    | 23.125 | 252  | 1031     | 0.022 | ng/ul#  | 1        |
| -----                       |        |      |          |       |         |          |

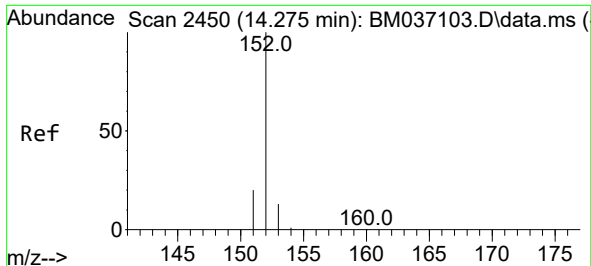
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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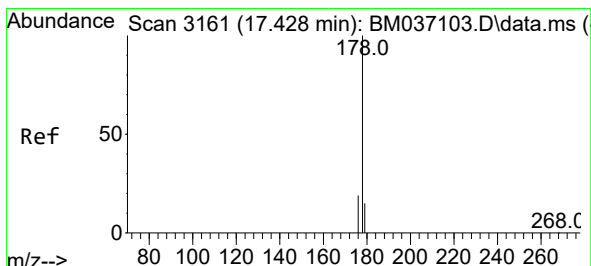
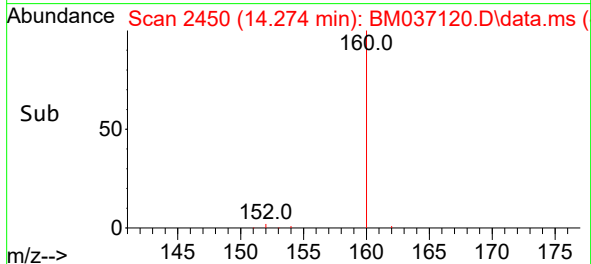
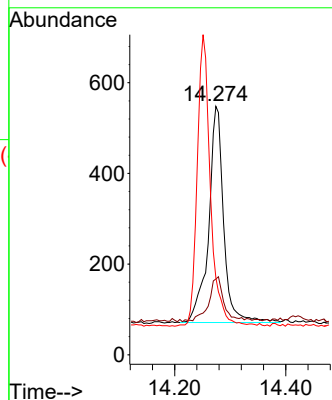
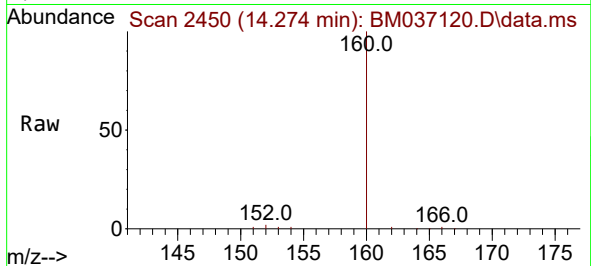




#10  
Acenaphthylene  
Concen: 0.022 ng/ul  
RT: 14.274 min Scan# 2450  
Delta R.T. -0.005 min  
Lab File: BM037120.D  
Acq: 17 Oct 2022 20:01

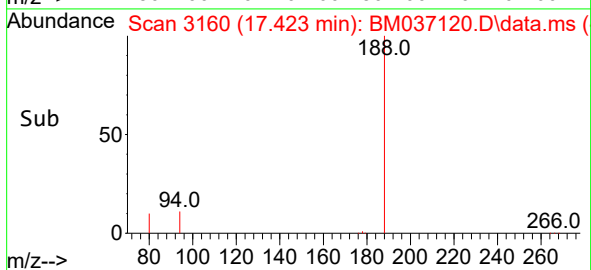
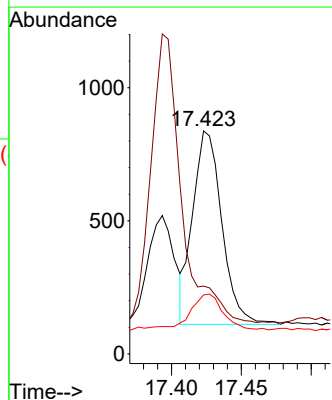
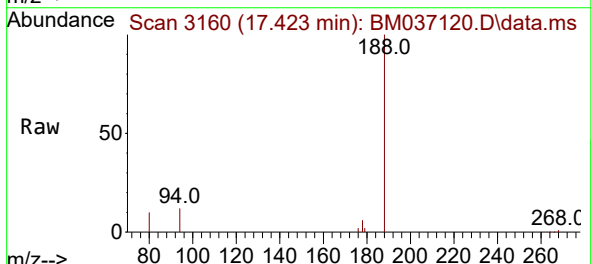
Instrument :  
BNA\_M  
ClientSampleId :  
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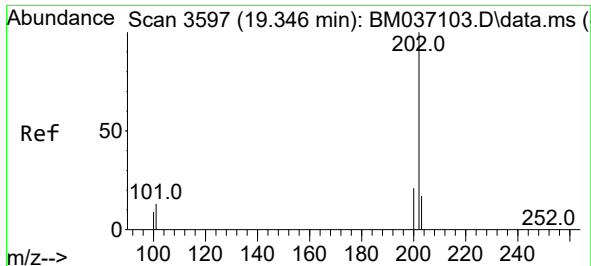
Tgt Ion:152 Resp: 902  
Ion Ratio Lower Upper  
152 100  
151 30.5 16.6 24.8#  
153 31.0 11.4 17.0#



#16  
Anthracene  
Concen: 0.021 ng/ul  
RT: 17.423 min Scan# 3160  
Delta R.T. -0.009 min  
Lab File: BM037120.D  
Acq: 17 Oct 2022 20:01

Tgt Ion:178 Resp: 1056  
Ion Ratio Lower Upper  
178 100  
179 30.4 13.6 20.4#  
176 26.5 15.6 23.4#

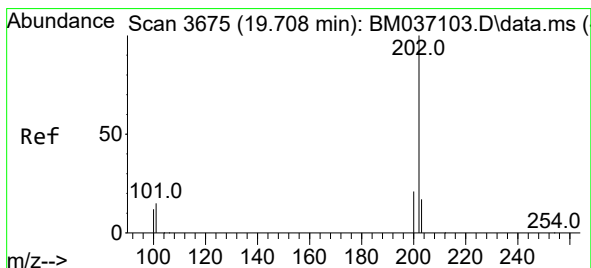
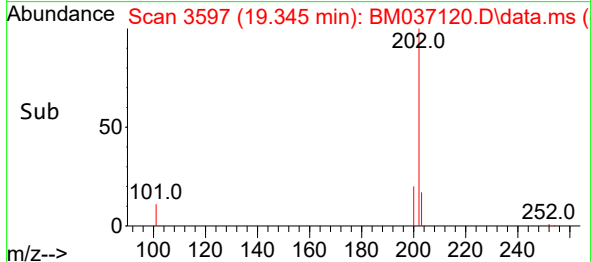
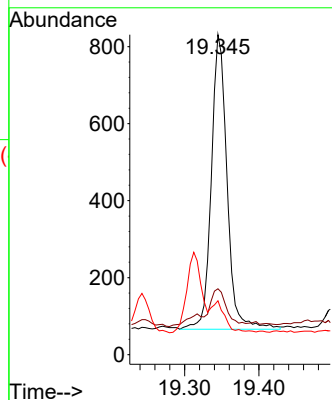
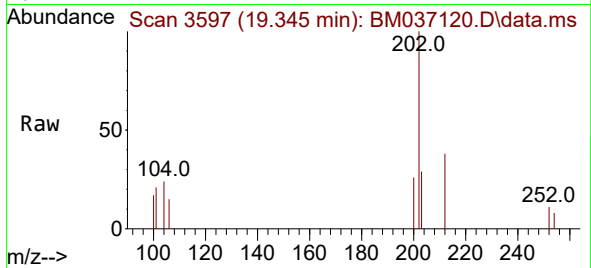




#19  
Fluoranthene  
Concen: 0.026 ng/ul  
RT: 19.345 min Scan# 3597  
Delta R.T. -0.005 min  
Lab File: BM037120.D  
Acq: 17 Oct 2022 20:01

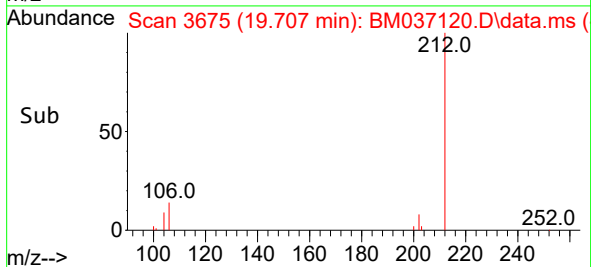
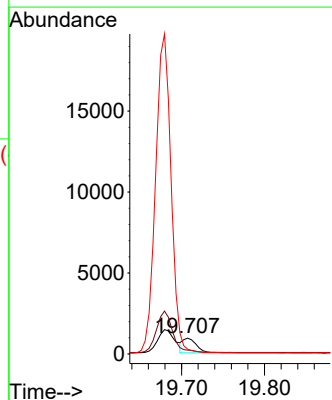
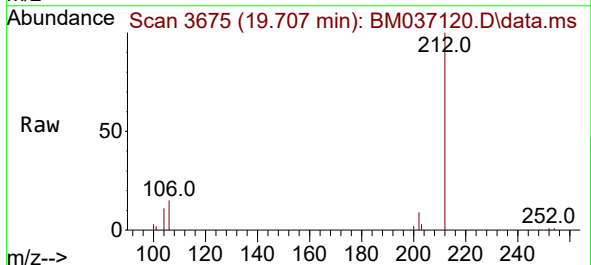
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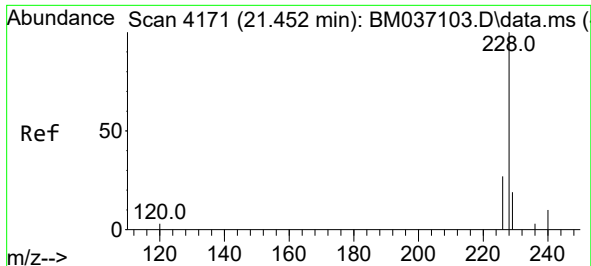
Tgt Ion:202 Resp: 1127  
Ion Ratio Lower Upper  
202 100  
101 20.6 10.1 15.1#  
100 16.8 7.9 11.9#



#20  
Pyrene  
Concen: 0.023 ng/ul  
RT: 19.707 min Scan# 3675  
Delta R.T. -0.000 min  
Lab File: BM037120.D  
Acq: 17 Oct 2022 20:01

Tgt Ion:202 Resp: 1041  
Ion Ratio Lower Upper  
202 100  
101 24.4 12.0 18.0#  
100 30.7 9.8 14.6#

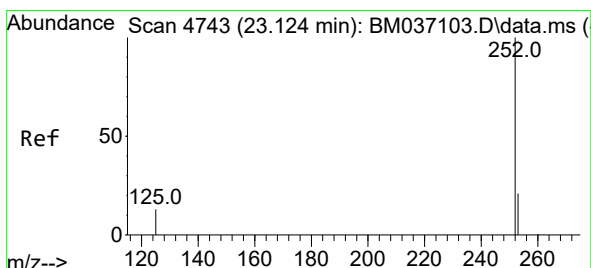
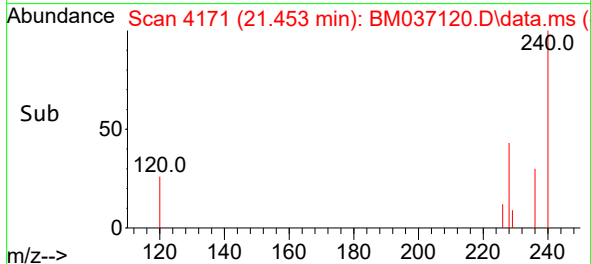
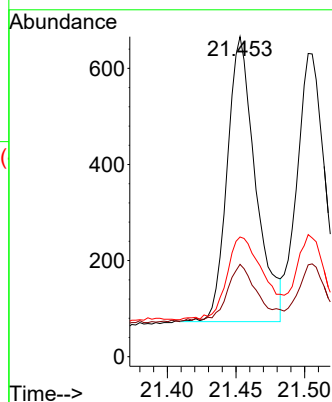
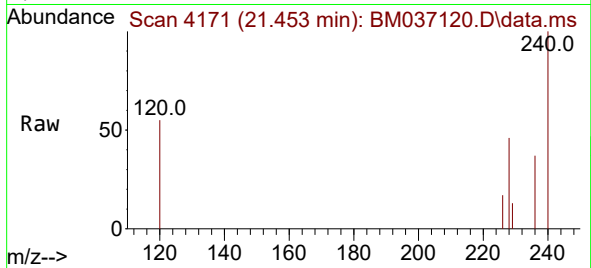




#21  
Benzo(a)anthracene  
Concen: 0.022 ng/ul  
RT: 21.453 min Scan# 4171  
Delta R.T. 0.003 min  
Lab File: BM037120.D  
Acq: 17 Oct 2022 20:01

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Tgt Ion:228 Resp: 853  
Ion Ratio Lower Upper  
228 100  
229 28.8 16.2 24.2#  
226 37.4 22.5 33.7#



#24  
Benzo(b)fluoranthene  
Concen: 0.022 ng/ul  
RT: 23.125 min Scan# 4743  
Delta R.T. 0.003 min  
Lab File: BM037120.D  
Acq: 17 Oct 2022 20:01

Tgt Ion:252 Resp: 1031  
Ion Ratio Lower Upper  
252 100  
253 69.4 0.0 61.4#  
125 105.4 0.0 42.6#

