

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101322\  
 Data File : BM037051.D  
 Acq On : 14 Oct 2022 12:30  
 Operator : CG/JU  
 Sample : N4980-11  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB8Z1

Quant Time: Oct 14 23:02:09 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 : Fri Oct 14 07:11:07 2022  
 Response via : Initial Calibration

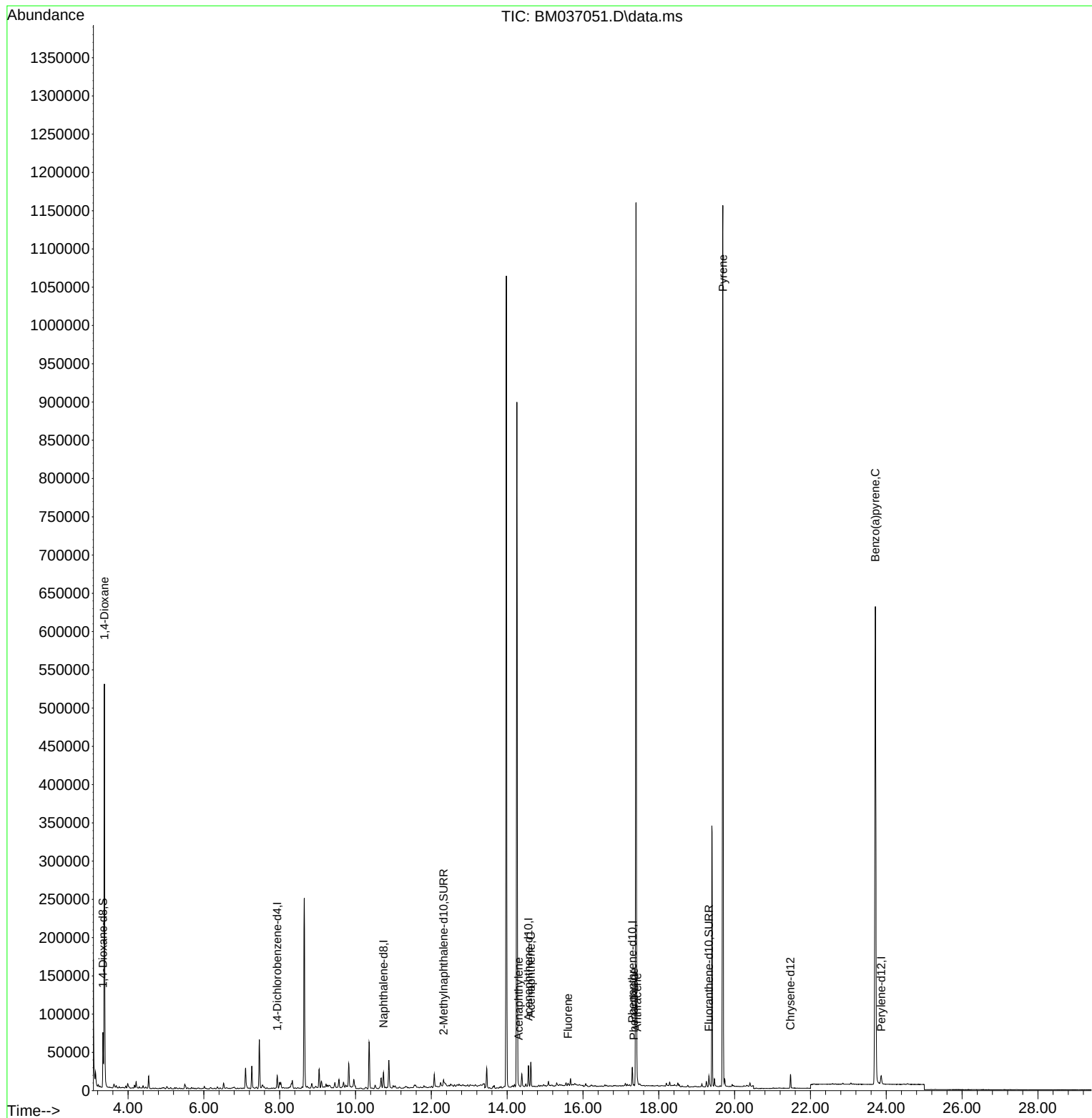
| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.934  | 152  | 7768     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.737 | 136  | 27496    | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.562 | 164  | 16298    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.301 | 188  | 27281    | 0.400  | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.475 | 240  | 16290    | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.866 | 264  | 15543    | 0.400  | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.339  | 96   | 40840    | 3.728  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.321 | 152  | 8281     | 0.199  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.322 | 212  | 13444    | 0.276  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane              | 3.377  | 88   | 333542   | 31.147 | ng/ul# | 75       |
| 10) Acenaphthylene          | 14.303 | 152  | 2076     | 0.031  | ng/ul# | 1        |
| 11) Acenaphthene            | 14.627 | 153  | 18501    | 0.315  | ng/ul  | 100      |
| 12) Fluorene                | 15.607 | 166  | 1699     | 0.026  | ng/ul# | 68       |
| 15) Phenanthrene            | 17.344 | 178  | 2166     | 0.025  | ng/ul# | 38       |
| 16) Anthracene              | 17.432 | 178  | 3818     | 0.052  | ng/ul# | 59       |
| 20) Pyrene                  | 19.690 | 202  | 2326     | 0.034  | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.711 | 252  | 3296     | 0.059  | ng/ul# | 34       |
| -----                       |        |      |          |        |        |          |

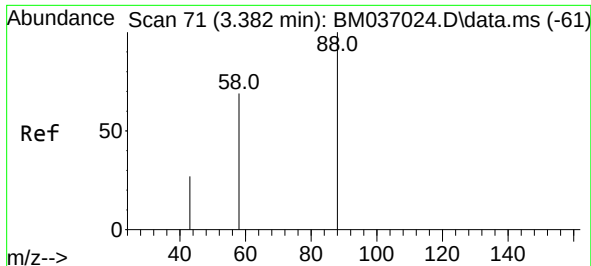
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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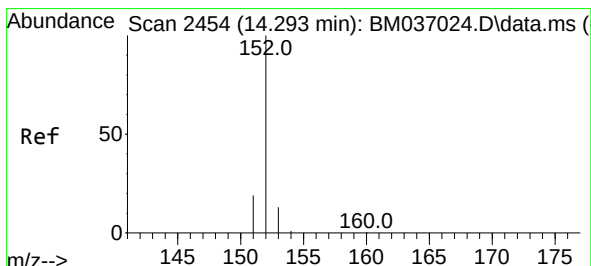
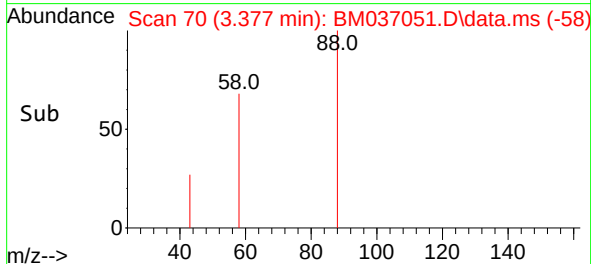
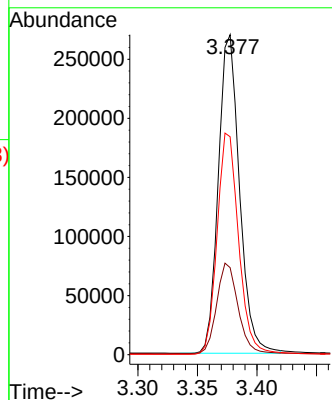
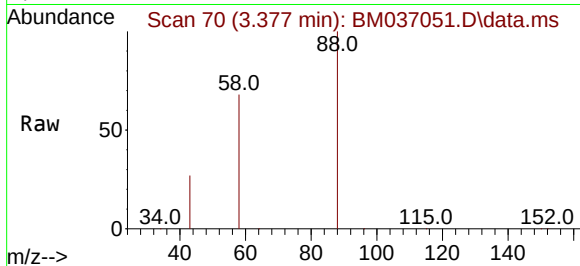




#2  
1,4-Dioxane  
Concen: 31.147 ng/ul  
RT: 3.377 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BM037051.D  
Acq: 14 Oct 2022 12:30

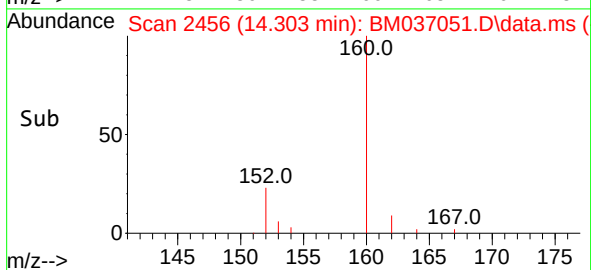
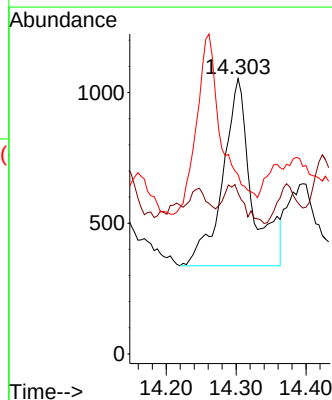
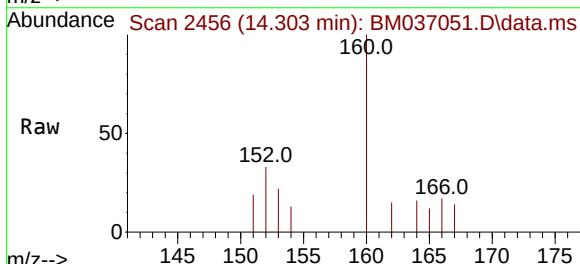
Instrument :  
BNA\_M  
ClientSampleId :  
CB8Z1

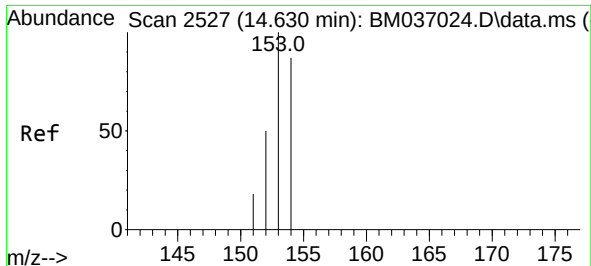
Tgt Ion: 88 Resp: 333542  
Ion Ratio Lower Upper  
88 100  
43 27.2 37.8 56.6#  
58 68.1 42.6 63.8#



#10  
Acenaphthylene  
Concen: 0.031 ng/ul  
RT: 14.303 min Scan# 2456  
Delta R.T. 0.018 min  
Lab File: BM037051.D  
Acq: 14 Oct 2022 12:30

Tgt Ion: 152 Resp: 2076  
Ion Ratio Lower Upper  
152 100  
151 58.4 16.6 24.8#  
153 65.1 11.4 17.0#

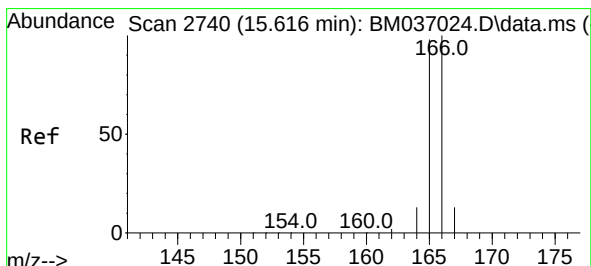
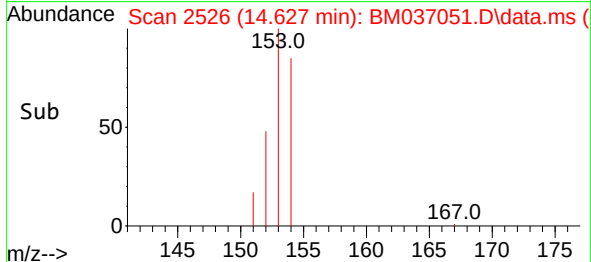
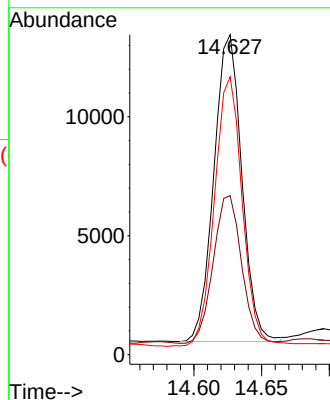
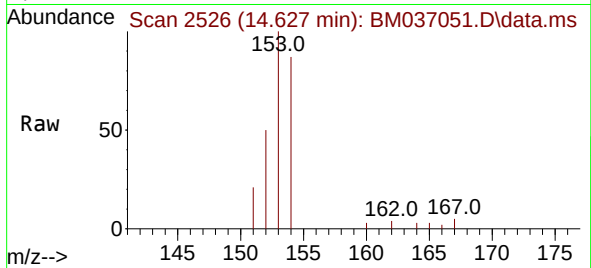




#11  
Acenaphthene  
Concen: 0.315 ng/ul  
RT: 14.627 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM037051.D  
Acq: 14 Oct 2022 12:30

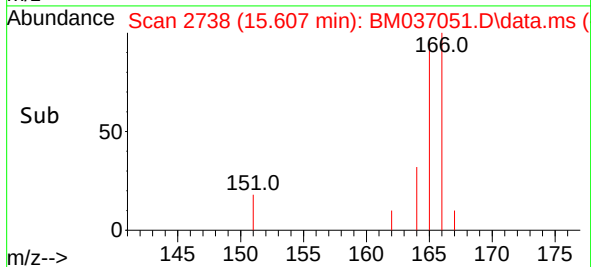
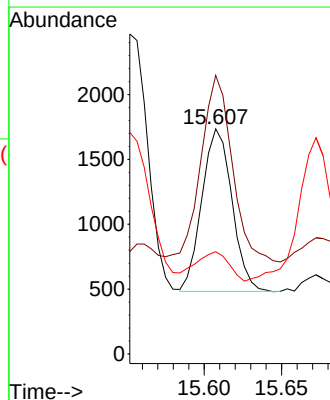
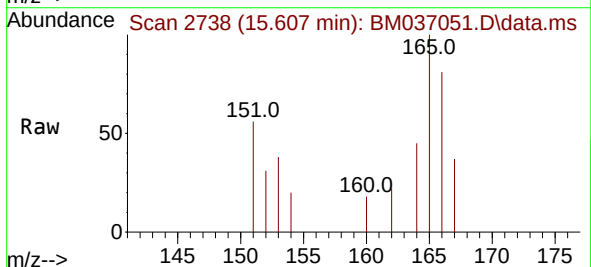
Instrument :  
BNA\_M  
ClientSampleId :  
CB8Z1

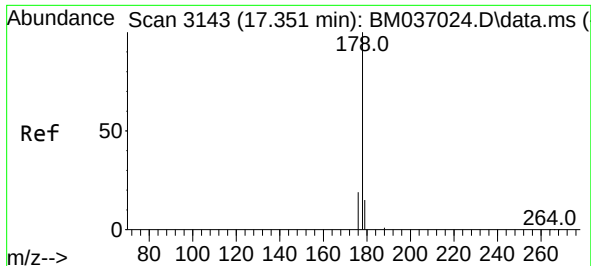
Tgt Ion:153 Resp: 18501  
Ion Ratio Lower Upper  
153 100  
152 49.7 40.2 60.4  
154 86.9 69.7 104.5



#12  
Fluorene  
Concen: 0.026 ng/ul  
RT: 15.607 min Scan# 2738  
Delta R.T. -0.000 min  
Lab File: BM037051.D  
Acq: 14 Oct 2022 12:30

Tgt Ion:166 Resp: 1699  
Ion Ratio Lower Upper  
166 100  
165 123.8 78.9 118.3#  
167 45.4 11.3 16.9#

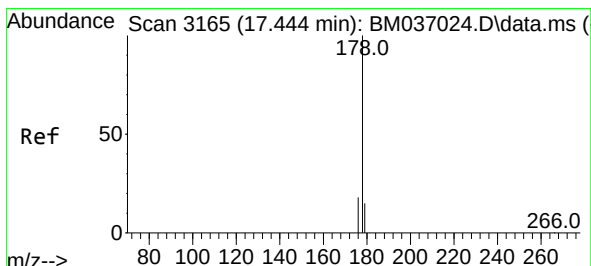
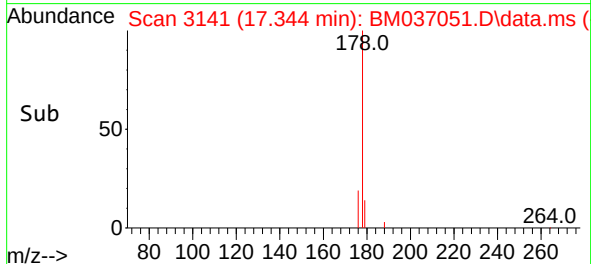
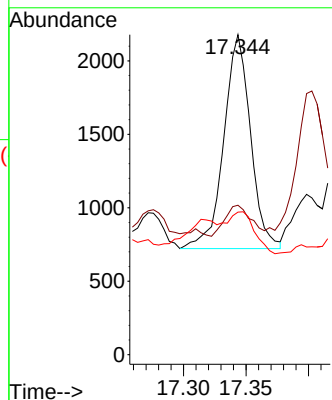
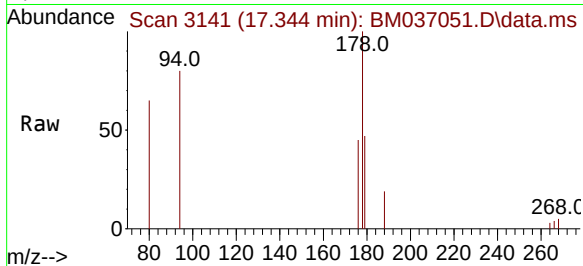




#15  
Phenanthrene  
Concen: 0.025 ng/ul  
RT: 17.344 min Scan# 3141  
Delta R.T. -0.000 min  
Lab File: BM037051.D  
Acq: 14 Oct 2022 12:30

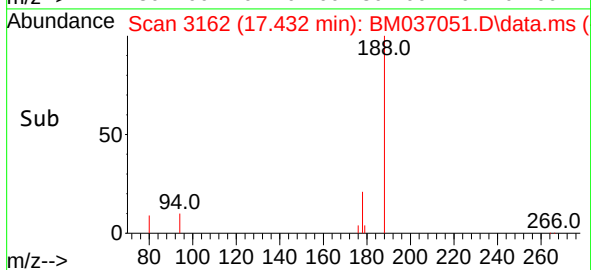
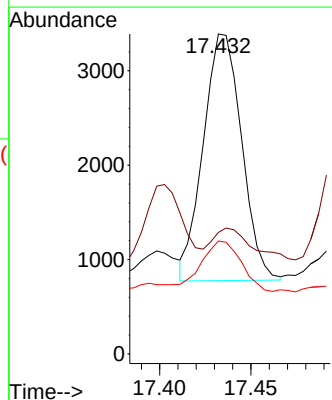
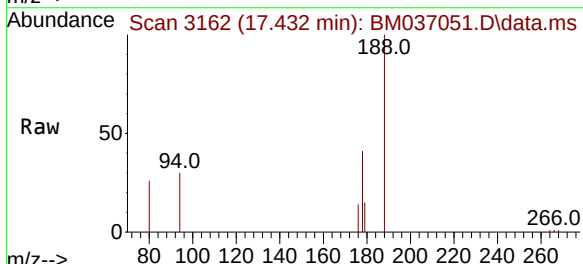
Instrument :  
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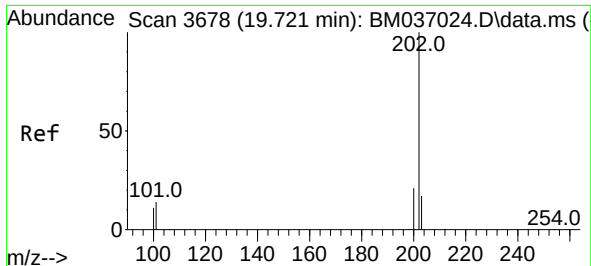
Tgt Ion:178 Resp: 2166  
Ion Ratio Lower Upper  
178 100  
179 46.7 13.0 19.6#  
176 44.5 15.6 23.4#



#16  
Anthracene  
Concen: 0.052 ng/ul  
RT: 17.432 min Scan# 3162  
Delta R.T. -0.004 min  
Lab File: BM037051.D  
Acq: 14 Oct 2022 12:30

Tgt Ion:178 Resp: 3818  
Ion Ratio Lower Upper  
178 100  
179 38.0 13.6 20.4#  
176 35.3 15.6 23.4#

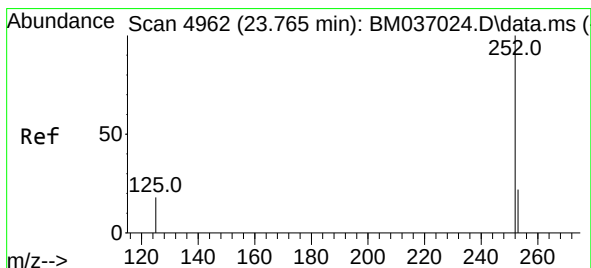
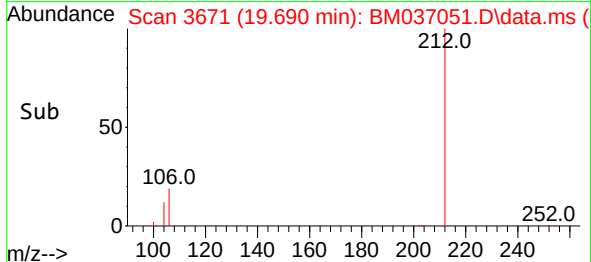
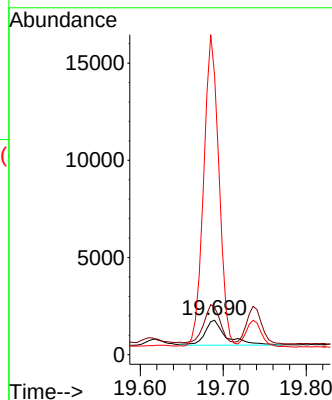
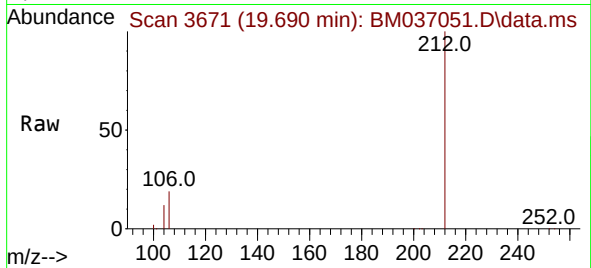




#20  
Pyrene  
Concen: 0.034 ng/ul  
RT: 19.690 min Scan# 30  
Delta R.T. -0.028 min  
Lab File: BM037051.D  
Acq: 14 Oct 2022 12:30

Instrument :  
BNA\_M  
ClientSampleId :  
CB8Z1

Tgt Ion:202 Resp: 2326  
Ion Ratio Lower Upper  
202 100  
101 137.9 12.0 18.0#  
100 812.0 9.8 14.6#



#26  
Benzo(a)pyrene  
Concen: 0.059 ng/ul  
RT: 23.711 min Scan# 4944  
Delta R.T. -0.047 min  
Lab File: BM037051.D  
Acq: 14 Oct 2022 12:30

Tgt Ion:252 Resp: 3296  
Ion Ratio Lower Upper  
252 100  
253 64.1 29.7 44.5#  
125 79.3 23.6 35.4#

