

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100423\  
 Data File : BM042205.D  
 Acq On : 05 Oct 2023 02:45  
 Operator : MA/JU  
 Sample : 04607-02  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BBJ35

Quant Time: Oct 05 03:38:47 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM100223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 02 19:28:41 2023  
 Response via : Initial Calibration

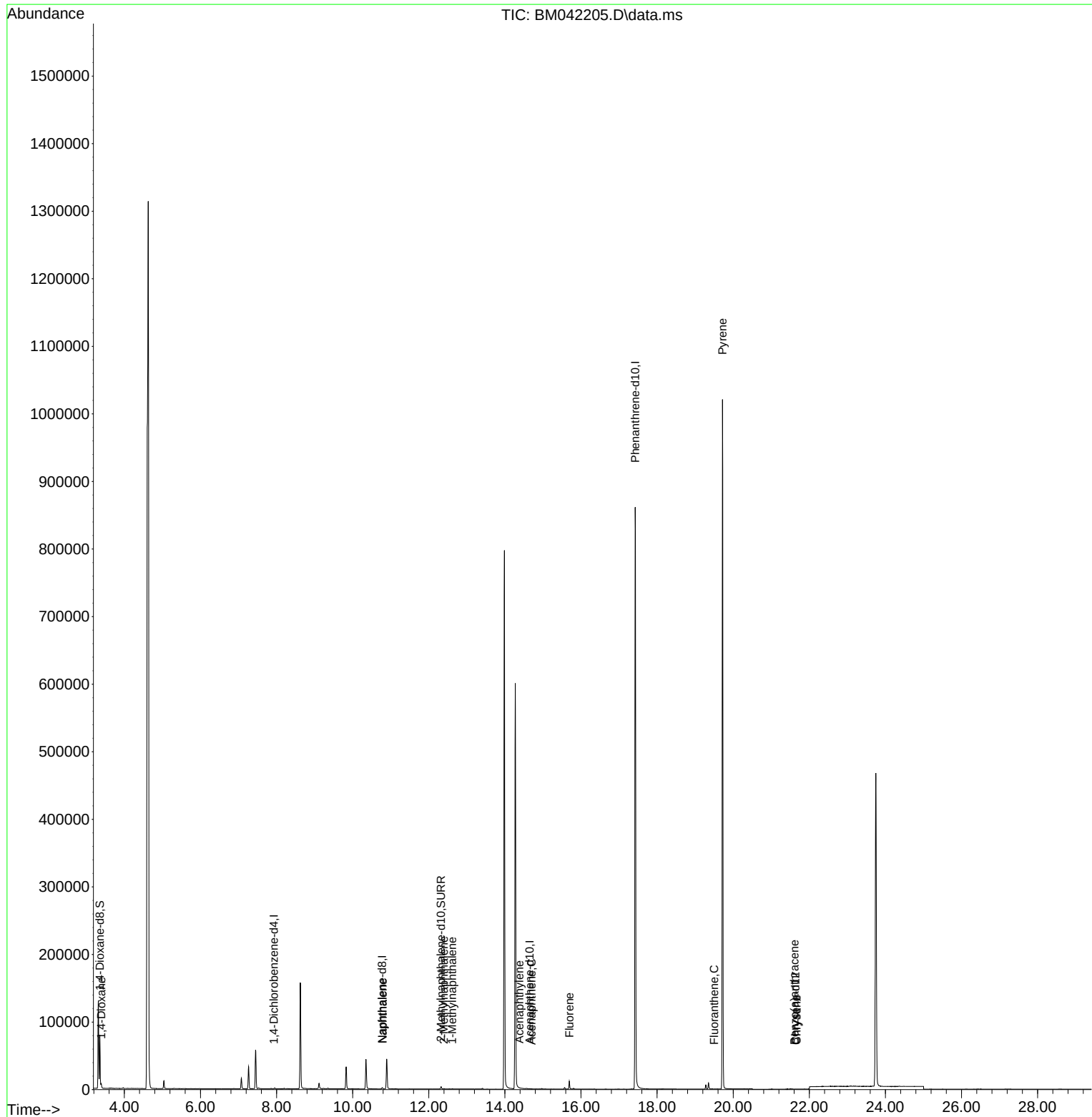
| Compound                    | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|---------|--------|----------|
| -----                       |        |      |          |         |        |          |
| Internal Standards          |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.929  | 152  | 51       | 0.400   | ng/ul  | # 0.00   |
| 4) Naphthalene-d8           | 10.774 | 136  | 1484     | 0.400   | ng/ul  | # 0.02   |
| 9) Acenaphthene-d10         | 14.652 | 164  | 9        | 0.400   | ng/ul  | # 0.06   |
| 13) Phenanthrene-d10        | 17.426 | 188  | 887142   | 0.400   | ng/ul  | # 0.08   |
| 17) Chrysene-d12            | 21.635 | 240  | 4        | 0.400   | ng/ul  | # 0.12   |
| 23) Perylene-d12            | 0.000  | 264  | 0        | 0.000   | ng/ul  | -23.92   |
| System Monitoring Compounds |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8           | 3.355  | 96   | 45628    | 671.828 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.324 | 152  | 4554     | 2.237   | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 0.000  | 212  | 0        | 0.000   | ng/ul  |          |
| Target Compounds            |        |      |          |         |        |          |
|                             |        |      |          |         |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.393  | 88   | 3283     | 46.289  | ng/ul# | 84       |
| 5) Naphthalene              | 10.790 | 128  | 743      | 0.150   | ng/ul# | 68       |
| 7) 2-Methylnaphthalene      | 12.396 | 142  | 465      | 0.157   | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.616 | 142  | 250      | 0.084   | ng/ul  | 91       |
| 10) Acenaphthylene          | 14.384 | 152  | 5        | 0.088   | ng/ul# | 1        |
| 11) Acenaphthene            | 14.703 | 153  | 3        | 0.070   | ng/ul# | 66       |
| 12) Fluorene                | 15.698 | 166  | 149      | 3.073   | ng/ul# | 1        |
| 19) Fluoranthene            | 19.501 | 202  | 4        | 0.132   | ng/ul# | 1        |
| 20) Pyrene                  | 19.720 | 202  | 2512     | 77.782  | ng/ul# | 1        |
| 21) Benzo(a)anthracene      | 21.609 | 228  | 3        | 0.116   | ng/ul# | 1        |
| 22) Chrysene                | 21.664 | 228  | 6        | 0.239   | ng/ul# | 1        |
| -----                       |        |      |          |         |        |          |

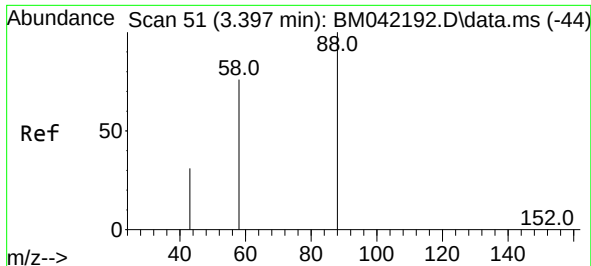
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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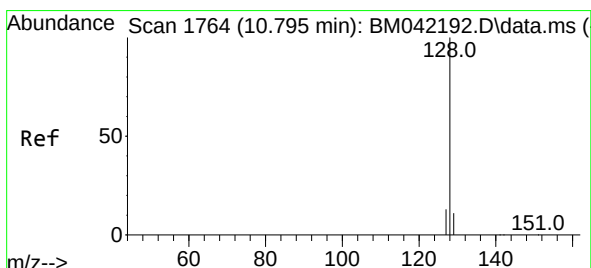
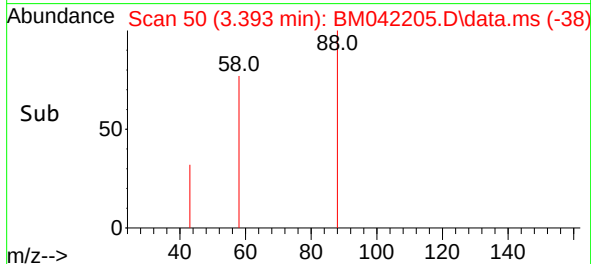
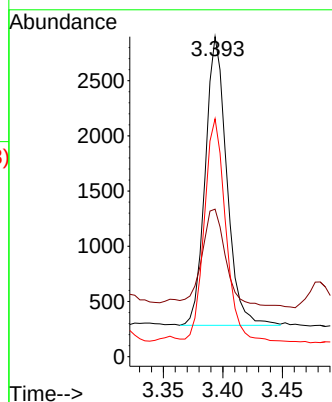
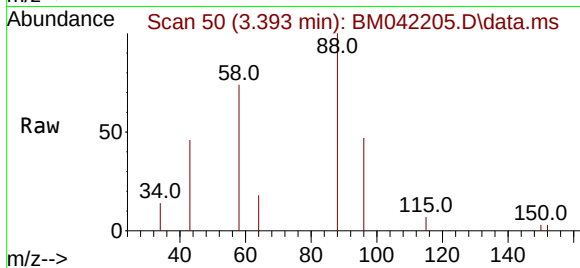




#2  
 1,4-Dioxane  
 Concen: 46.289 ng/ul  
 RT: 3.393 min Scan# 51  
 Delta R.T. -0.008 min  
 Lab File: BM042205.D  
 Acq: 05 Oct 2023 02:45

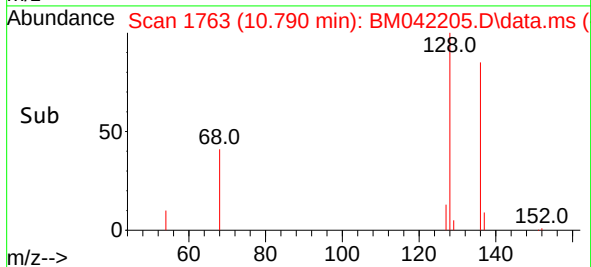
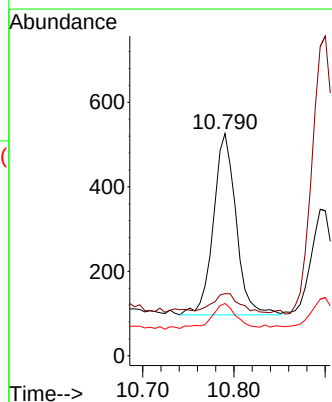
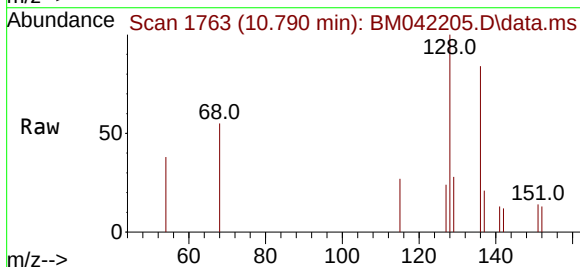
Instrument :  
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 BBJ35

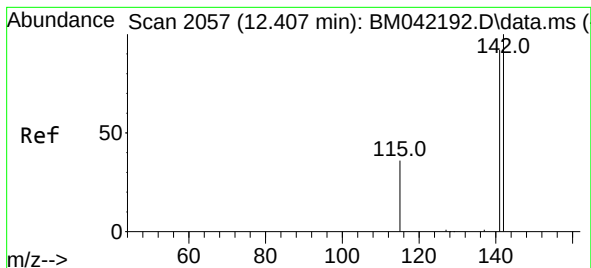
Tgt Ion: 88 Resp: 3283  
 Ion Ratio Lower Upper  
 88 100  
 43 46.1 52.1 78.1#  
 58 74.4 53.8 80.6



#5  
 Naphthalene  
 Concen: 0.150 ng/ul  
 RT: 10.790 min Scan# 1763  
 Delta R.T. -0.011 min  
 Lab File: BM042205.D  
 Acq: 05 Oct 2023 02:45

Tgt Ion: 128 Resp: 743  
 Ion Ratio Lower Upper  
 128 100  
 129 27.9 9.4 14.2#  
 127 23.6 11.0 16.4#

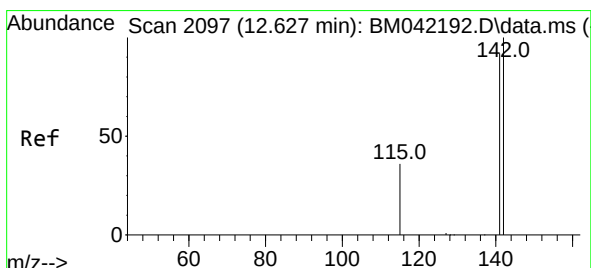
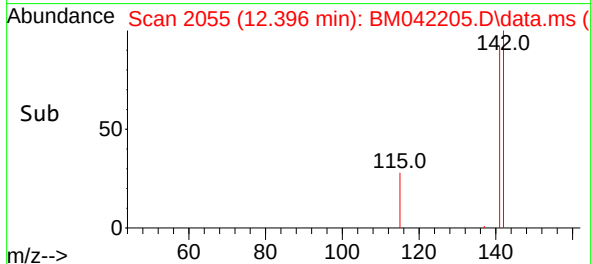
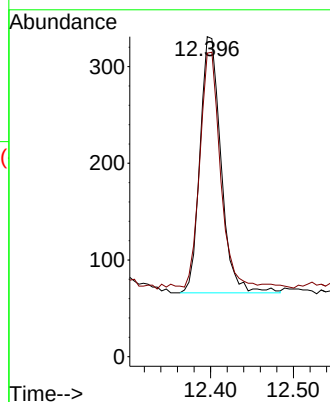
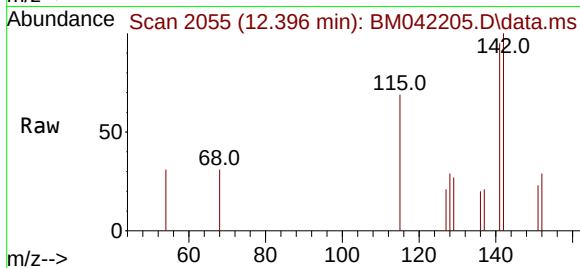




#7  
2-Methylnaphthalene  
Concen: 0.157 ng/ul  
RT: 12.396 min Scan# 2055  
Delta R.T. -0.011 min  
Lab File: BM042205.D  
Acq: 05 Oct 2023 02:45

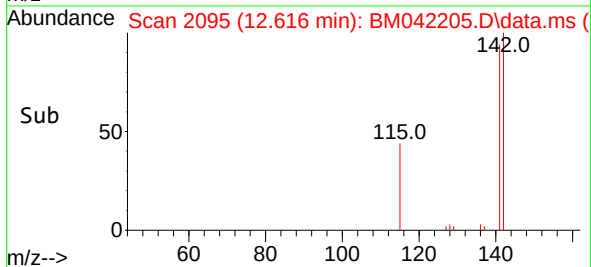
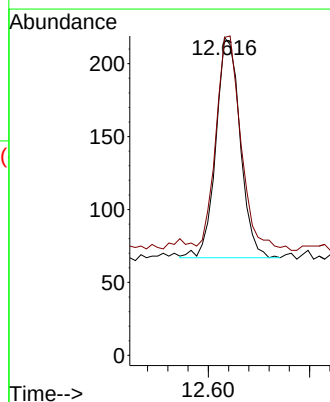
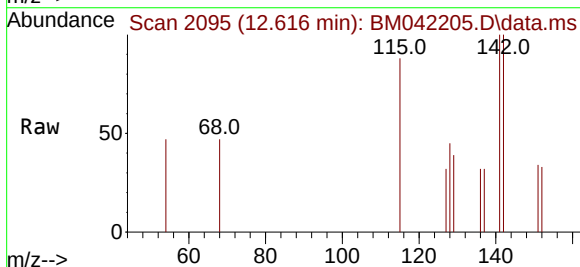
Instrument :  
BNA\_M  
ClientSampleId :  
BBJ35

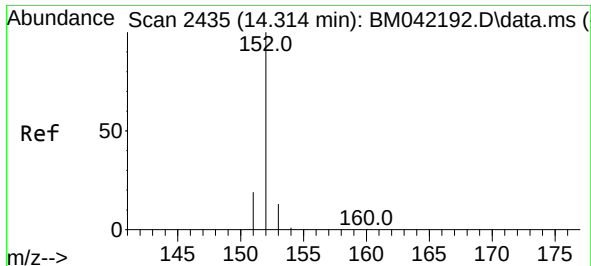
Tgt Ion:142 Resp: 465  
Ion Ratio Lower Upper  
142 100  
141 91.4 70.2 105.4



#8  
1-Methylnaphthalene  
Concen: 0.084 ng/ul  
RT: 12.616 min Scan# 2095  
Delta R.T. -0.011 min  
Lab File: BM042205.D  
Acq: 05 Oct 2023 02:45

Tgt Ion:142 Resp: 250  
Ion Ratio Lower Upper  
142 100  
141 100.8 73.5 110.3

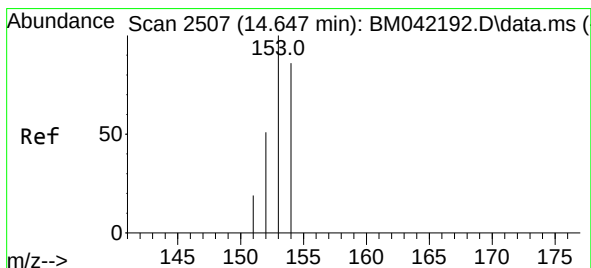
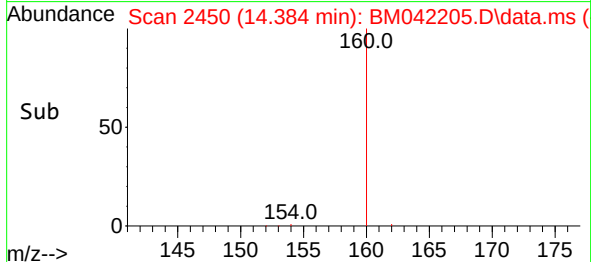
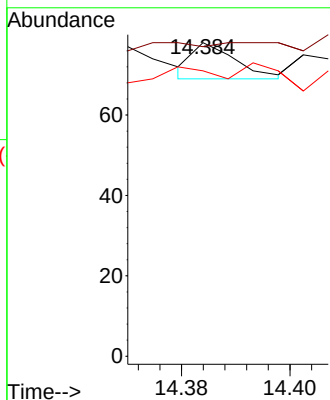
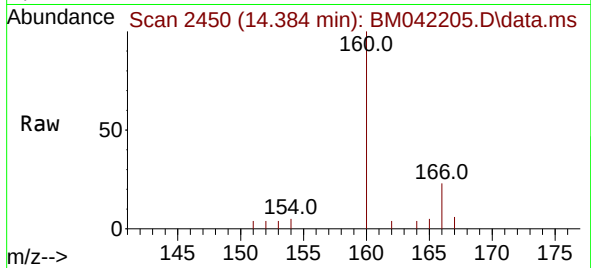




#10  
Acenaphthylene  
Concen: 0.088 ng/ul  
RT: 14.384 min Scan# 2435  
Delta R.T. 0.069 min  
Lab File: BM042205.D  
Acq: 05 Oct 2023 02:45

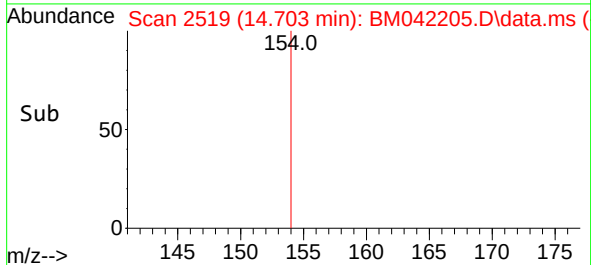
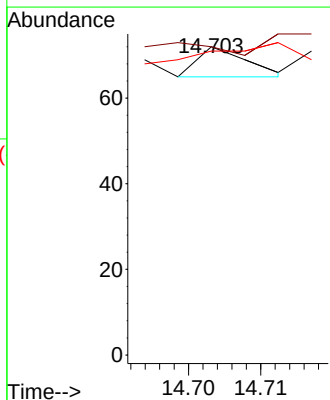
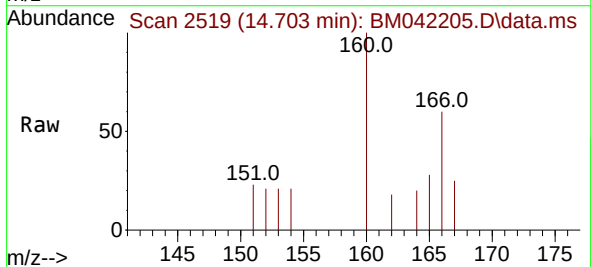
Instrument :  
BNA\_M  
ClientSampleId :  
BBJ35

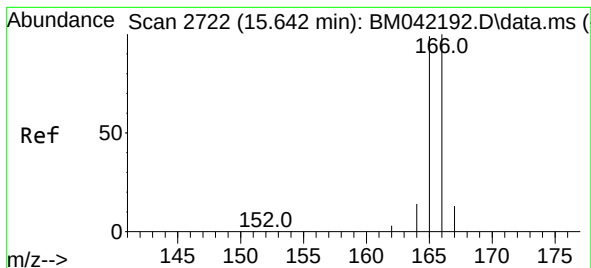
Tgt Ion:152 Resp: 5  
Ion Ratio Lower Upper  
152 100  
151 98.7 16.4 24.6#  
153 91.0 10.9 16.3#



#11  
Acenaphthene  
Concen: 0.070 ng/ul  
RT: 14.703 min Scan# 2519  
Delta R.T. 0.056 min  
Lab File: BM042205.D  
Acq: 05 Oct 2023 02:45

Tgt Ion:153 Resp: 3  
Ion Ratio Lower Upper  
153 100  
152 100.0 41.1 61.7#  
154 98.6 69.5 104.3





#12

Fluorene

Concen: 3.073 ng/ul

RT: 15.698 min Scan# 21

Delta R.T. 0.060 min

Lab File: BM042205.D

Acq: 05 Oct 2023 02:45

Instrument :

BNA\_M

ClientSampleId :

BBJ35

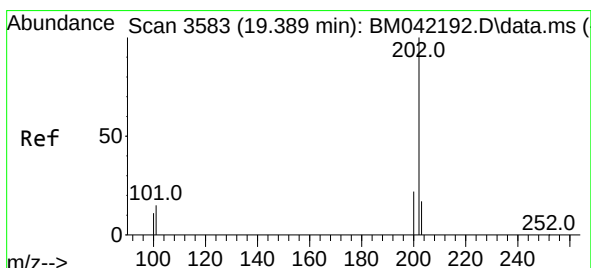
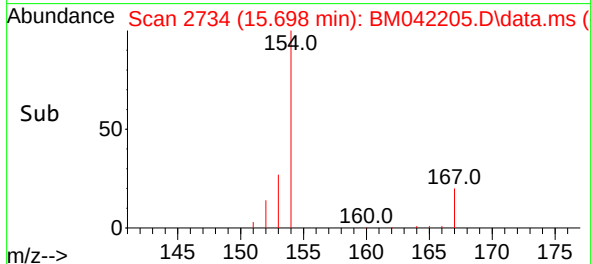
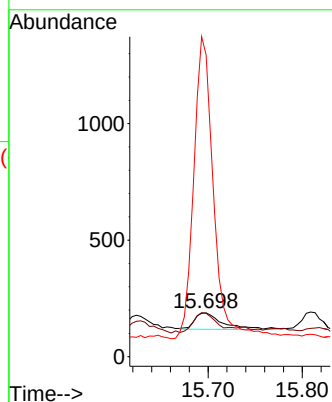
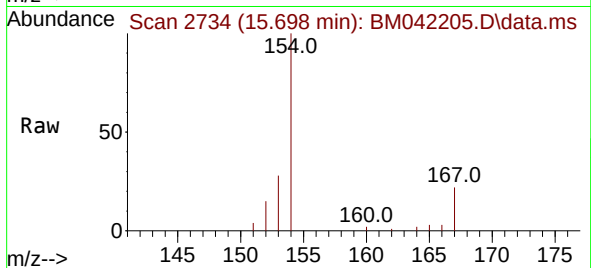
Tgt Ion:166 Resp: 149

Ion Ratio Lower Upper

166 100

165 98.9 78.4 117.6

167 688.8 11.5 17.3#



#19

Fluoranthene

Concen: 0.132 ng/ul

RT: 19.501 min Scan# 3607

Delta R.T. 0.107 min

Lab File: BM042205.D

Acq: 05 Oct 2023 02:45

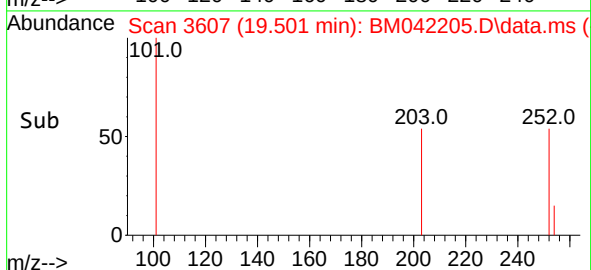
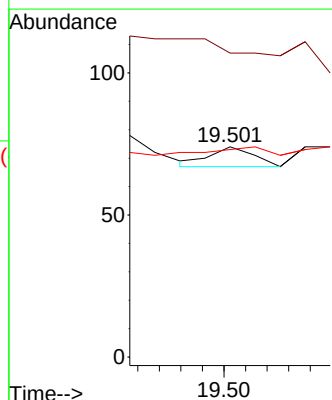
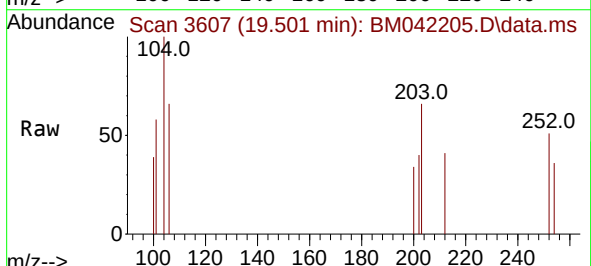
Tgt Ion:202 Resp: 4

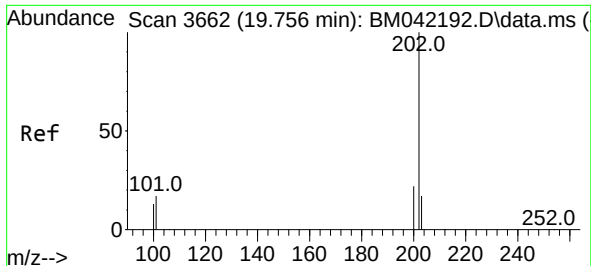
Ion Ratio Lower Upper

202 100

101 144.6 11.1 16.7#

100 98.6 8.2 12.2#

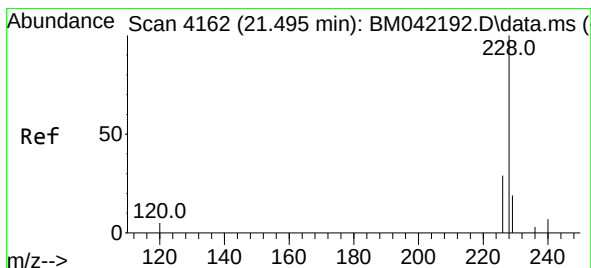
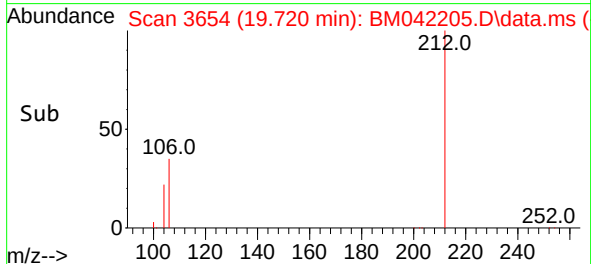
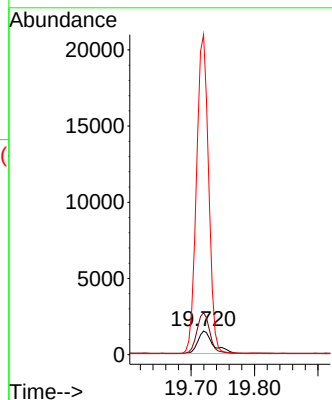
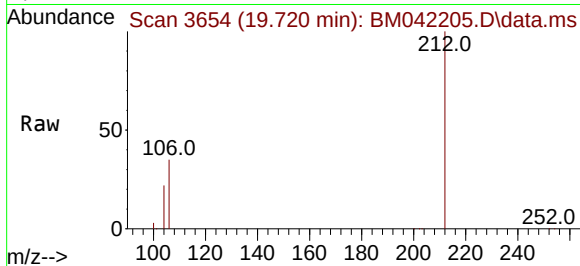




#20  
Pyrene  
Concen: 77.782 ng/ul  
RT: 19.720 min Scan# 30  
Delta R.T. -0.042 min  
Lab File: BM042205.D  
Acq: 05 Oct 2023 02:45

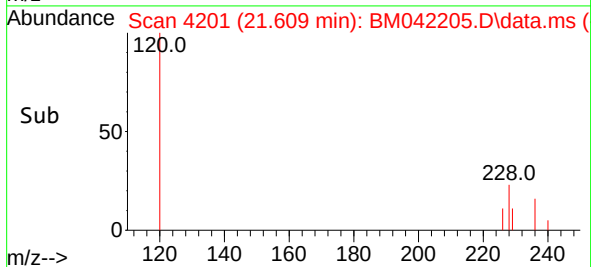
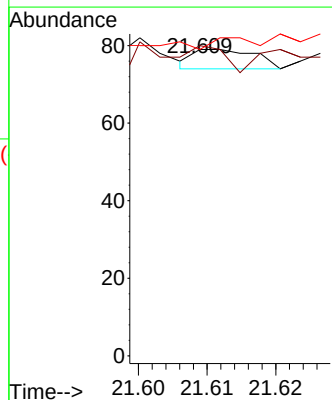
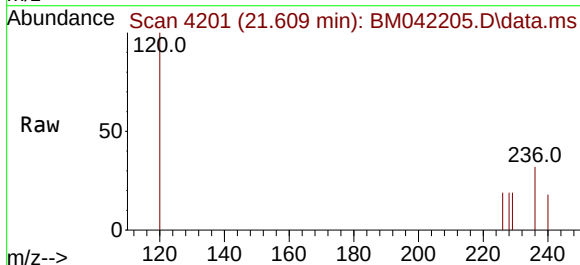
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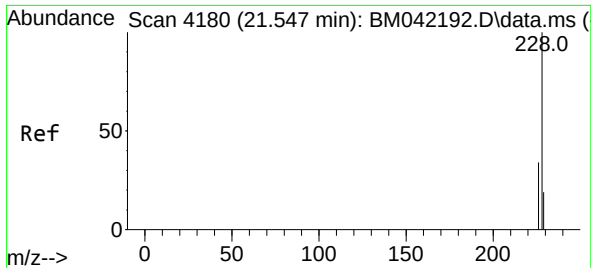
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Ion Ratio Lower Upper  
202 100  
101 177.3 12.7 19.1#  
100 1349.6 9.9 14.9#



#21  
Benzo(a)anthracene  
Concen: 0.116 ng/ul  
RT: 21.609 min Scan# 4201  
Delta R.T. 0.111 min  
Lab File: BM042205.D  
Acq: 05 Oct 2023 02:45

Tgt Ion:228 Resp: 3  
Ion Ratio Lower Upper  
228 100  
229 101.3 15.8 23.8#  
226 100.0 24.6 37.0#





#22

Chrysene

Concen: 0.239 ng/ul

RT: 21.664 min Scan# 41

Delta R.T. 0.111 min

Lab File: BM042205.D

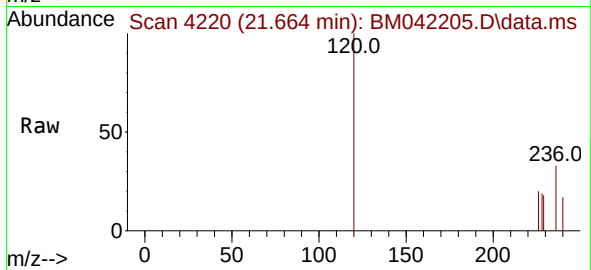
Acq: 05 Oct 2023 02:45

Instrument :

BNA\_M

ClientSampleId :

BBJ35



Tgt Ion:228 Resp: 6

Ion Ratio Lower Upper

228 100

226 106.4 26.7 40.1#

229 98.7 15.8 23.8#

