

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091123\  
 Data File : BM041789.D  
 Acq On : 11 Sep 2023 21:25  
 Operator : MA/JU  
 Sample : 04247-14DL 5X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BBJ10DL

Quant Time: Sep 12 04:28:00 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 09 23:26:58 2023  
 Response via : Initial Calibration

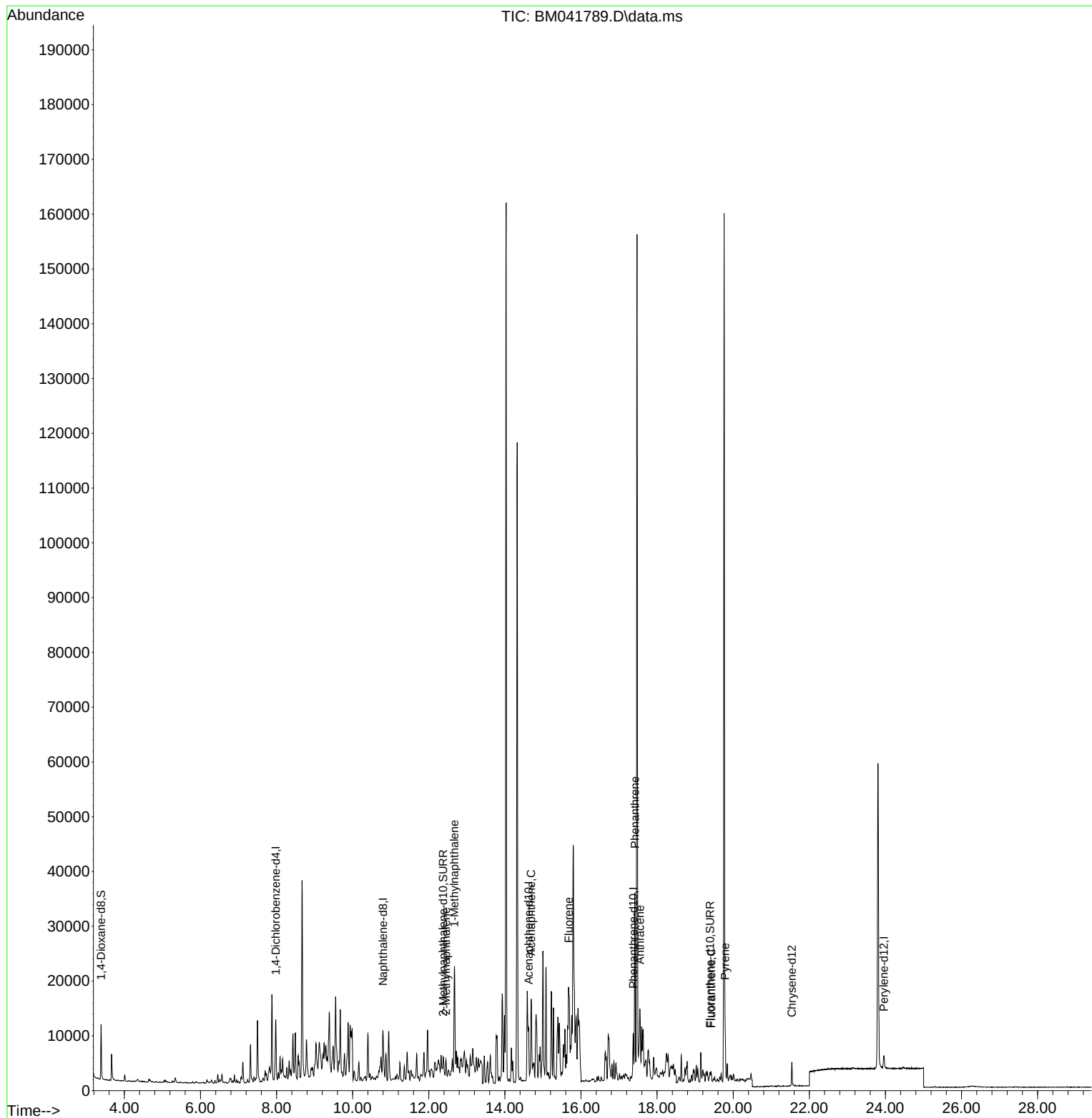
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.979  | 152  | 4187     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.796 | 136  | 10000    | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.624 | 164  | 5018     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.375 | 188  | 8460     | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.542 | 240  | 3043     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.959 | 264  | 3123     | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.389  | 96   | 5322     | 0.832 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 12.374 | 152  | 957      | 0.074 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.394 | 212  | 1236     | 0.084 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 7) 2-Methylnaphthalene      | 12.451 | 142  | 2163     | 0.116 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.671 | 142  | 8151     | 0.435 | ng/ul  | 91       |
| 11) Acenaphthene            | 14.689 | 153  | 7762     | 0.322 | ng/ul# | 81       |
| 12) Fluorene                | 15.675 | 166  | 10412    | 0.385 | ng/ul# | 90       |
| 15) Phenanthrene            | 17.417 | 178  | 35836    | 1.003 | ng/ul  | 97       |
| 16) Anthracene              | 17.548 | 178  | 9217     | 0.301 | ng/ul# | 1        |
| 19) Fluoranthene            | 19.422 | 202  | 1524     | 0.042 | ng/ul# | 76       |
| 20) Pyrene                  | 19.789 | 202  | 7737     | 0.217 | ng/ul# | 85       |
| -----                       |        |      |          |       |        |          |

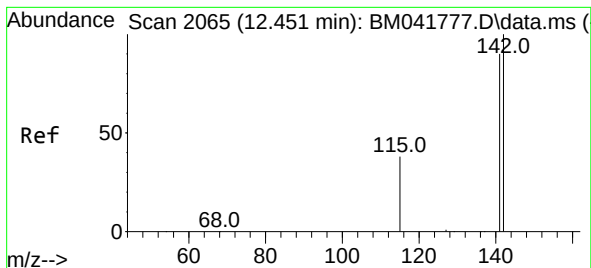
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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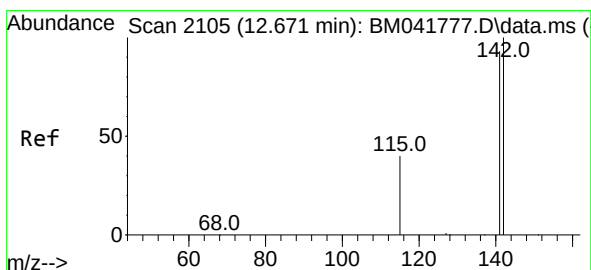
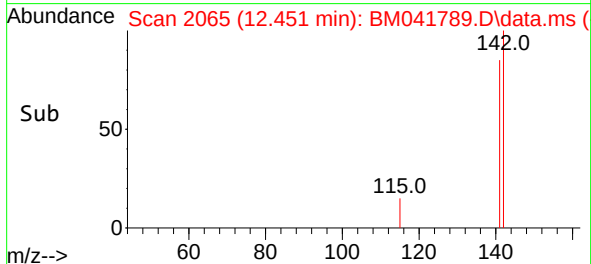
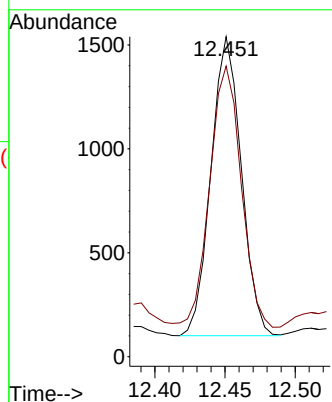
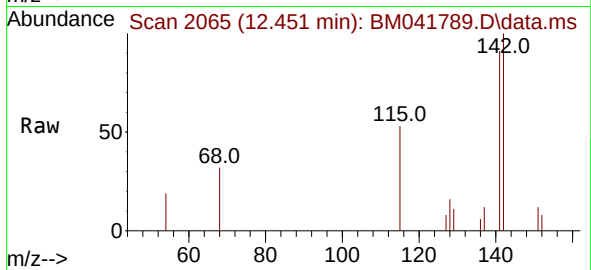




#7  
2-Methylnaphthalene  
Concen: 0.116 ng/ul  
RT: 12.451 min Scan# 2065  
Delta R.T. -0.011 min  
Lab File: BM041789.D  
Acq: 11 Sep 2023 21:25

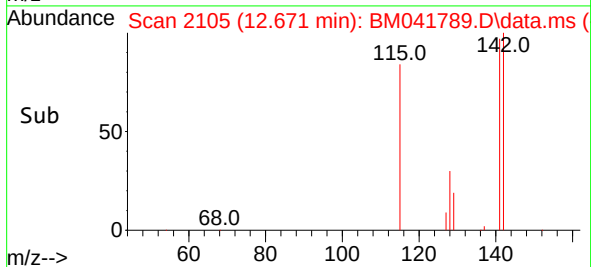
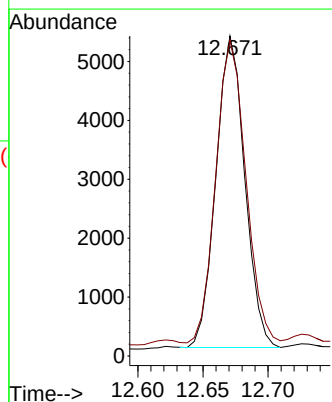
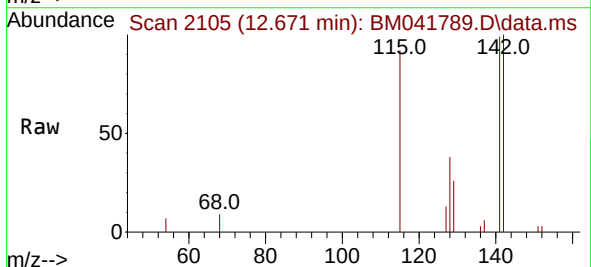
Instrument :  
BNA\_M  
ClientSampleId :  
BBJ10DL

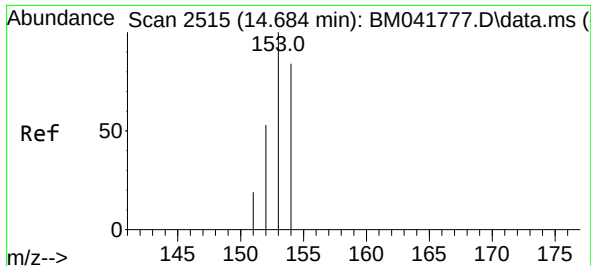
Tgt Ion:142 Resp: 2163  
Ion Ratio Lower Upper  
142 100  
141 90.2 72.2 108.2



#8  
1-Methylnaphthalene  
Concen: 0.435 ng/ul  
RT: 12.671 min Scan# 2105  
Delta R.T. -0.011 min  
Lab File: BM041789.D  
Acq: 11 Sep 2023 21:25

Tgt Ion:142 Resp: 8151  
Ion Ratio Lower Upper  
142 100  
141 101.5 74.4 111.6

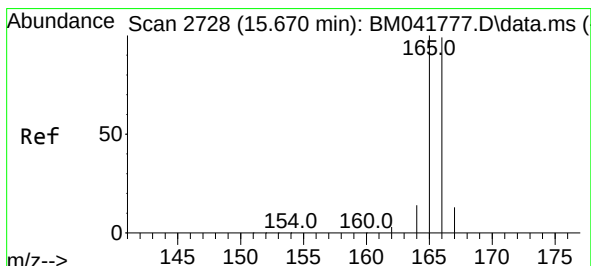
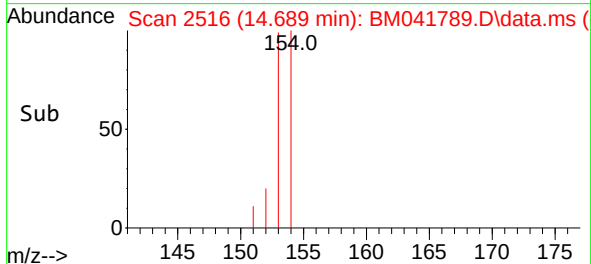
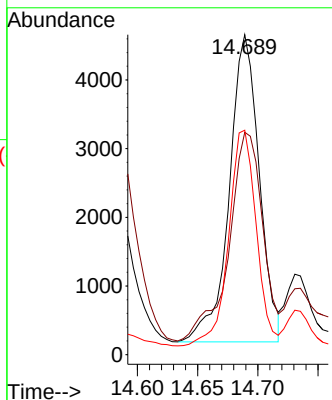
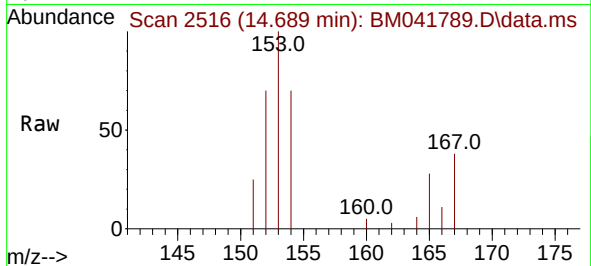




#11  
Acenaphthene  
Concen: 0.322 ng/u1  
RT: 14.689 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BM041789.D  
Acq: 11 Sep 2023 21:25

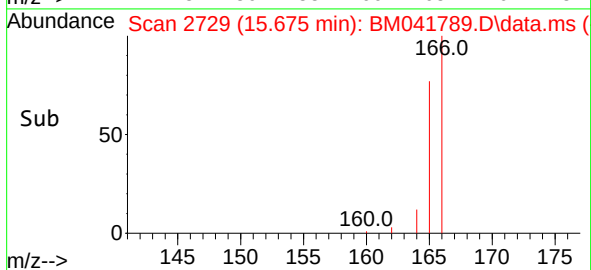
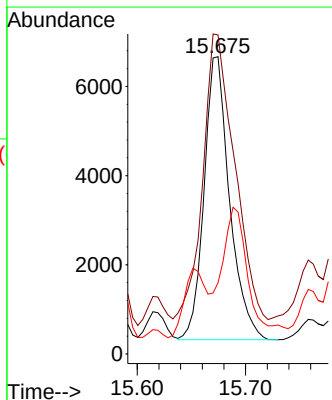
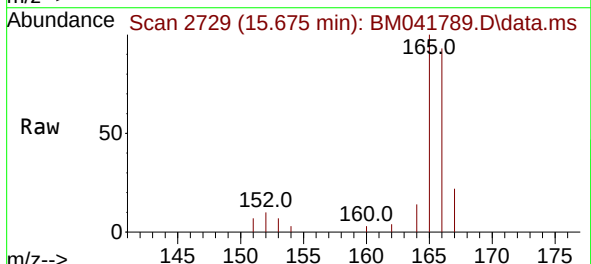
Instrument :  
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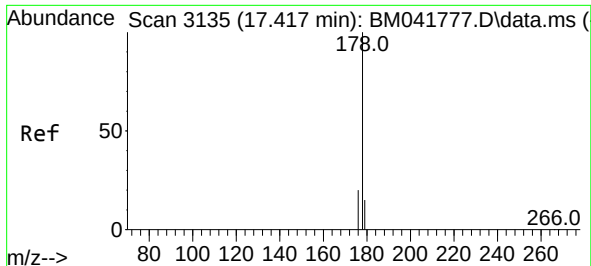
Tgt Ion:153 Resp: 7762  
Ion Ratio Lower Upper  
153 100  
152 69.5 43.4 65.2#  
154 70.2 69.4 104.0



#12  
Fluorene  
Concen: 0.385 ng/u1  
RT: 15.675 min Scan# 2729  
Delta R.T. -0.005 min  
Lab File: BM041789.D  
Acq: 11 Sep 2023 21:25

Tgt Ion:166 Resp: 10412  
Ion Ratio Lower Upper  
166 100  
165 107.3 79.4 119.2  
167 23.9 11.3 16.9#

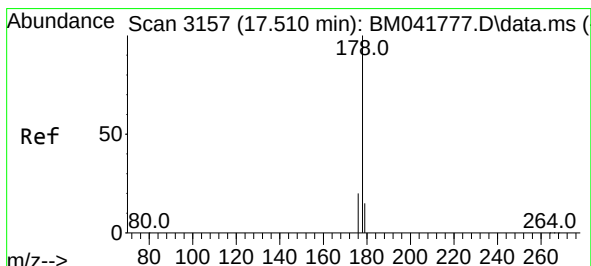
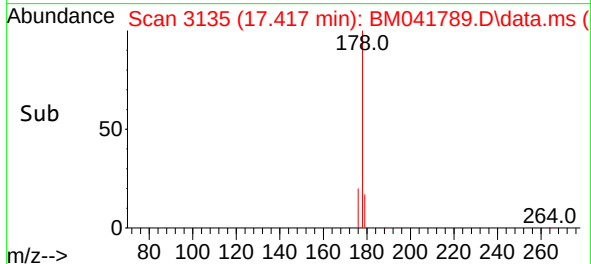
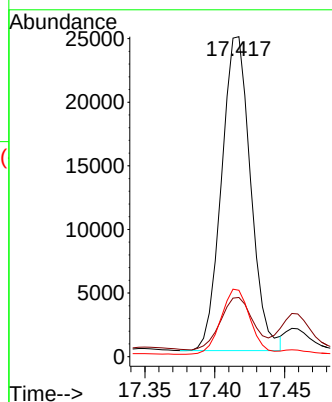
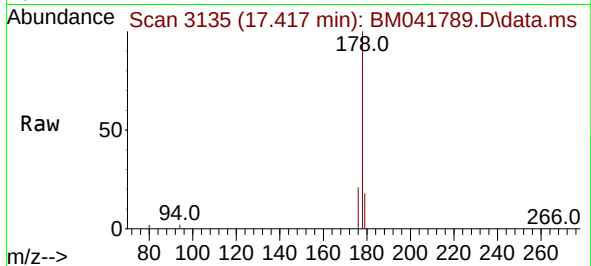




#15  
Phenanthrene  
Concen: 1.003 ng/u1  
RT: 17.417 min Scan# 3135  
Delta R.T. -0.008 min  
Lab File: BM041789.D  
Acq: 11 Sep 2023 21:25

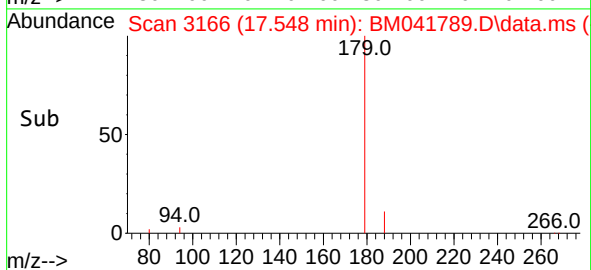
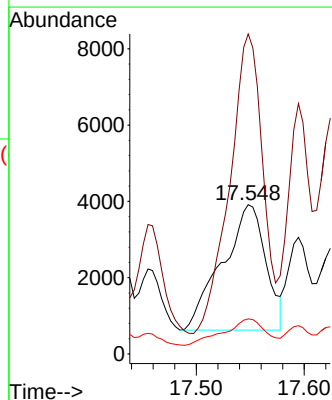
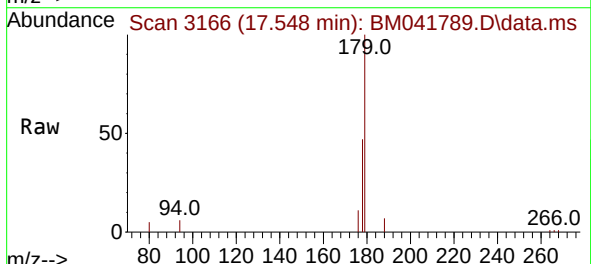
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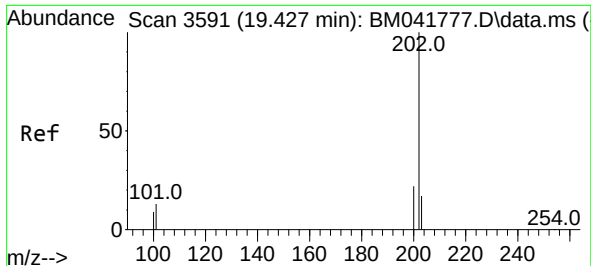
Tgt Ion:178 Resp: 35836  
Ion Ratio Lower Upper  
178 100  
179 18.5 12.9 19.3  
176 20.7 16.9 25.3



#16  
Anthracene  
Concen: 0.301 ng/u1  
RT: 17.548 min Scan# 3166  
Delta R.T. 0.034 min  
Lab File: BM041789.D  
Acq: 11 Sep 2023 21:25

Tgt Ion:178 Resp: 9217  
Ion Ratio Lower Upper  
178 100  
179 214.5 12.9 19.3#  
176 23.4 15.8 23.8

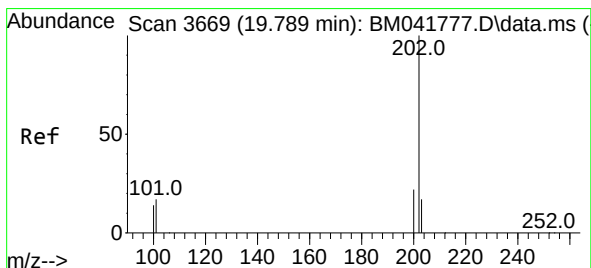
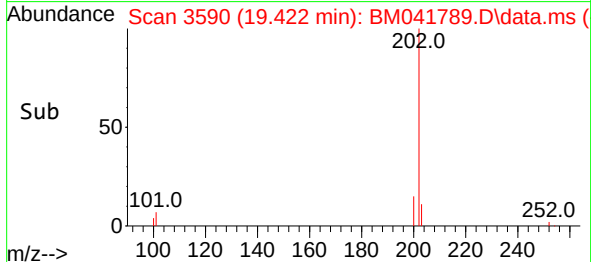
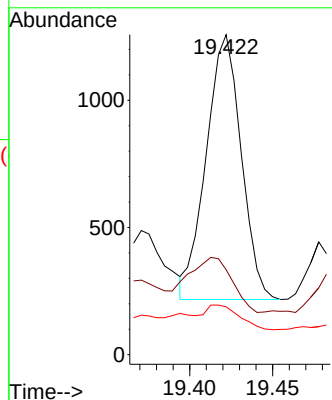
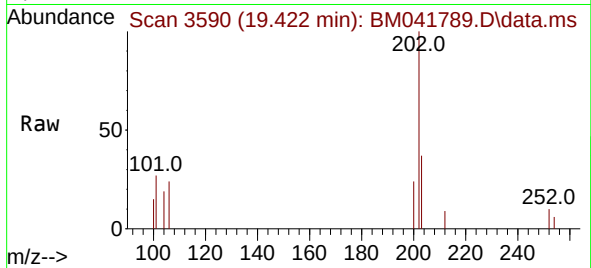




#19  
Fluoranthene  
Concen: 0.042 ng/uI  
RT: 19.422 min Scan# 3590  
Delta R.T. -0.009 min  
Lab File: BM041789.D  
Acq: 11 Sep 2023 21:25

Instrument :  
BNA\_M  
ClientSampleId :  
BBJ10DL

Tgt Ion:202 Resp: 1524  
Ion Ratio Lower Upper  
202 100  
101 26.6 10.5 15.7#  
100 14.9 8.4 12.6#



#20  
Pyrene  
Concen: 0.217 ng/uI  
RT: 19.789 min Scan# 3669  
Delta R.T. -0.009 min  
Lab File: BM041789.D  
Acq: 11 Sep 2023 21:25

Tgt Ion:202 Resp: 7737  
Ion Ratio Lower Upper  
202 100  
101 24.7 11.8 17.8#  
100 13.9 9.8 14.6

