

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
 Data File : BM036998.D  
 Acq On : 13 Oct 2022 00:21  
 Operator : CG/JU  
 Sample : N4976-11  
 Misc :  
 ALS Vial : 103 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB8Y7

Quant Time: Oct 13 01:57:40 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 : Tue Oct 11 09:03:52 2022  
 Response via : Initial Calibration

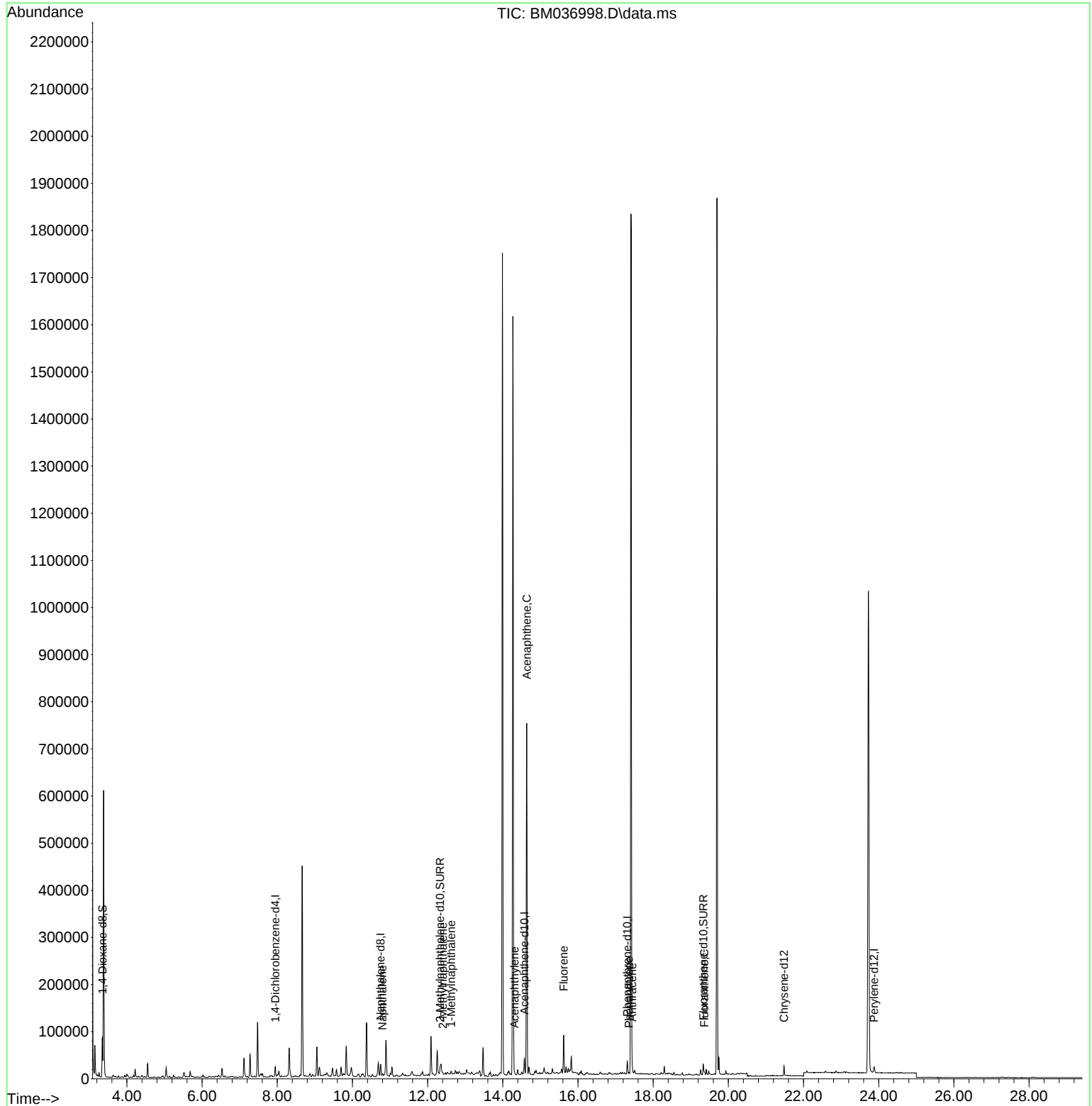
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.947  | 152  | 9514     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.748 | 136  | 33814    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.575 | 164  | 19833    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.313 | 188  | 31262    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.482 | 240  | 17630    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.879 | 264  | 18100    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.348  | 96   | 49580    | 3.695 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.332 | 152  | 14935    | 0.292 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.336 | 212  | 21736    | 0.412 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.798 | 128  | 4201     | 0.043 | ng/ul# | 57       |
| 7) 2-Methylnaphthalene      | 12.409 | 142  | 1737     | 0.029 | ng/ul# | 1        |
| 8) 1-Methylnaphthalene      | 12.624 | 142  | 2427     | 0.040 | ng/ul  | 83       |
| 10) Acenaphthylene          | 14.311 | 152  | 5496     | 0.067 | ng/ul# | 27       |
| 11) Acenaphthene            | 14.635 | 153  | 408280   | 5.707 | ng/ul  | 98       |
| 12) Fluorene                | 15.621 | 166  | 47475    | 0.586 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.355 | 178  | 4454     | 0.045 | ng/ul# | 39       |
| 16) Anthracene              | 17.444 | 178  | 7295     | 0.087 | ng/ul# | 61       |
| 19) Fluoranthene            | 19.363 | 202  | 2613     | 0.037 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

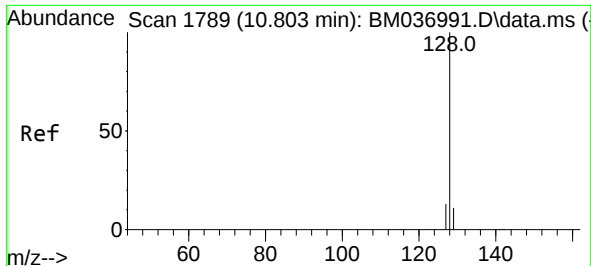
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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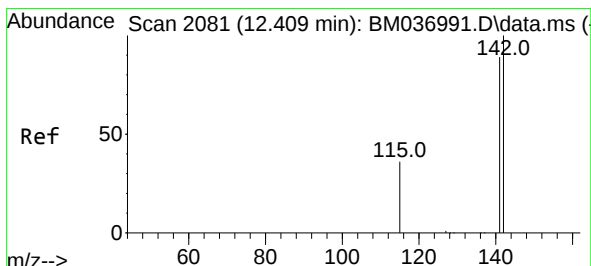
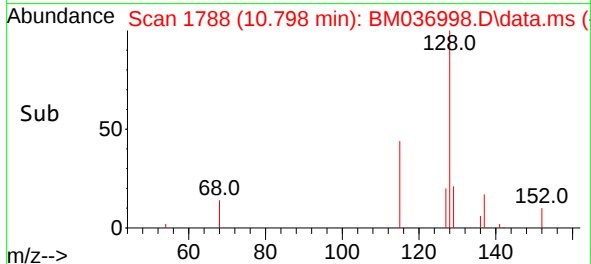
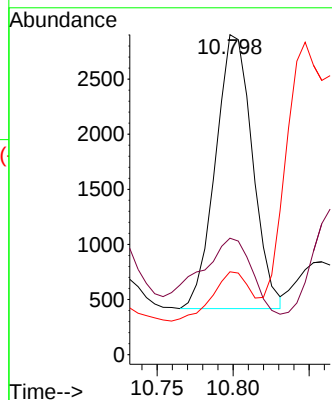
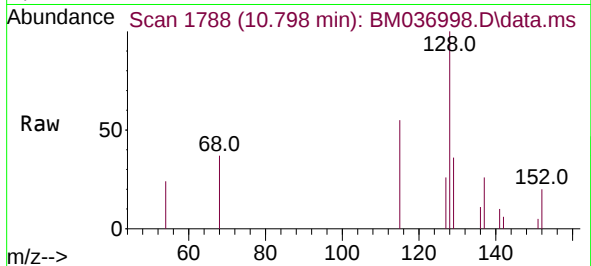




#5  
Naphthalene  
Concen: 0.043 ng/ul  
RT: 10.798 min Scan# 1788  
Delta R.T. -0.005 min  
Lab File: BM036998.D  
Acq: 13 Oct 2022 00:21

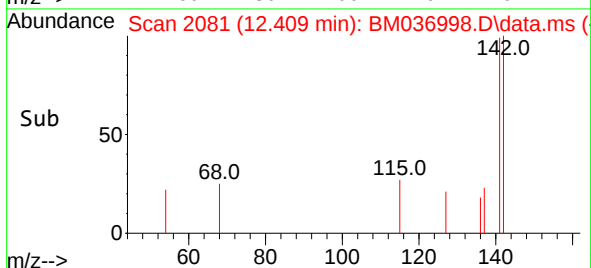
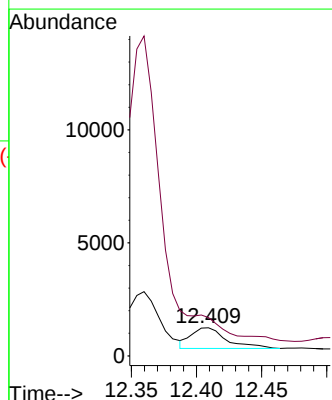
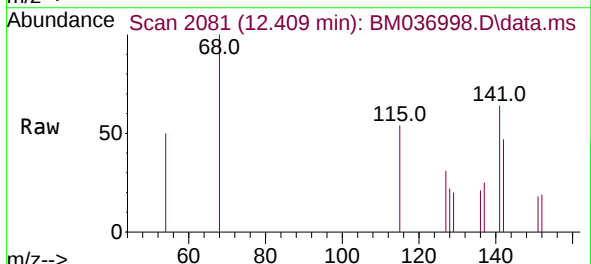
Instrument :  
BNA\_M  
ClientSampleId :  
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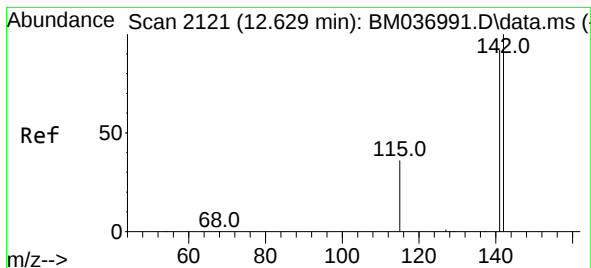
Tgt Ion:128 Resp: 4201  
Ion Ratio Lower Upper  
128 100  
129 36.4 10.2 15.2#  
127 25.9 11.7 17.5#



#7  
2-Methylnaphthalene  
Concen: 0.029 ng/ul  
RT: 12.409 min Scan# 2081  
Delta R.T. -0.005 min  
Lab File: BM036998.D  
Acq: 13 Oct 2022 00:21

Tgt Ion:142 Resp: 1737  
Ion Ratio Lower Upper  
142 100  
141 0.0 77.4 116.0#

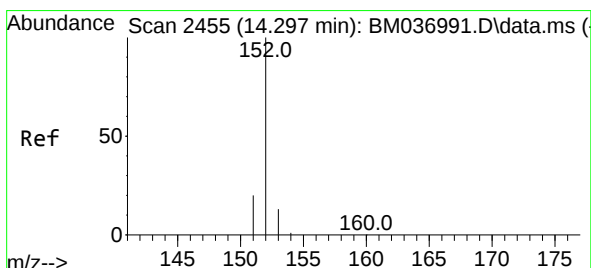
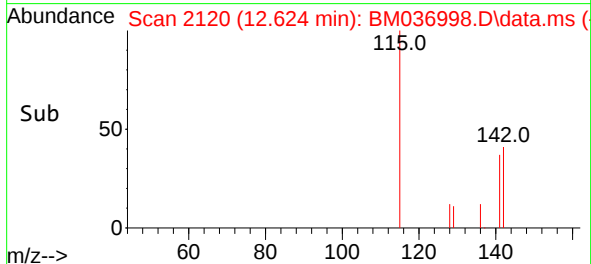
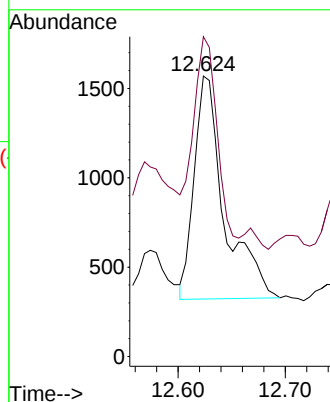
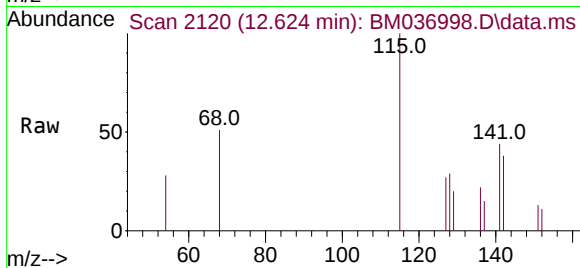




#8  
1-Methylnaphthalene  
Concen: 0.040 ng/ul  
RT: 12.624 min Scan# 2121  
Delta R.T. -0.005 min  
Lab File: BM036998.D  
Acq: 13 Oct 2022 00:21

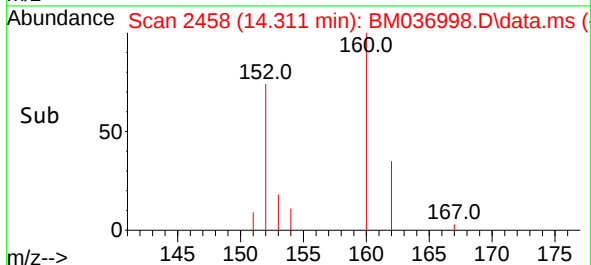
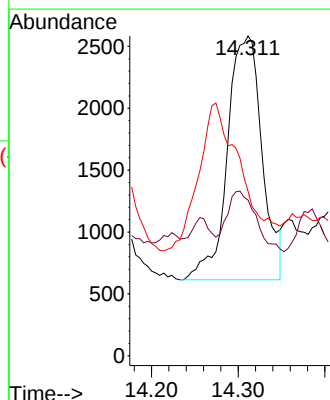
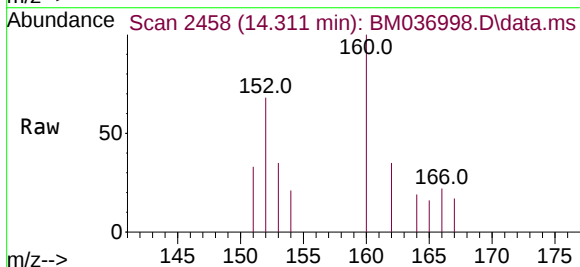
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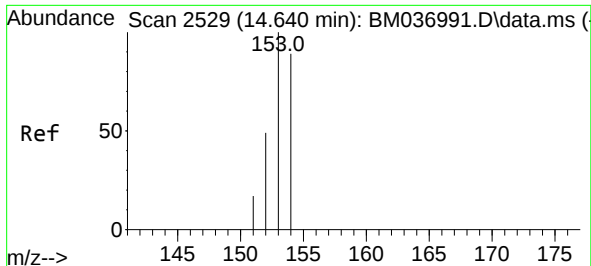
Tgt Ion:142 Resp: 2427  
Ion Ratio Lower Upper  
142 100  
141 76.5 74.1 111.1



#10  
Acenaphthylene  
Concen: 0.067 ng/ul  
RT: 14.311 min Scan# 2458  
Delta R.T. 0.014 min  
Lab File: BM036998.D  
Acq: 13 Oct 2022 00:21

Tgt Ion:152 Resp: 5496  
Ion Ratio Lower Upper  
152 100  
151 48.7 16.6 24.8#  
153 51.5 11.4 17.0#

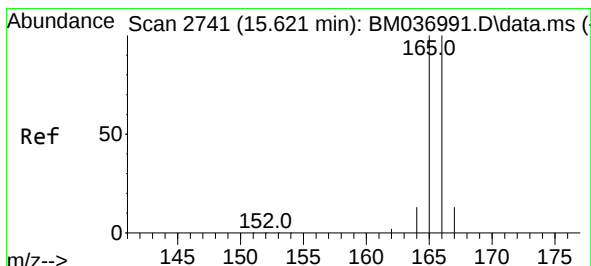
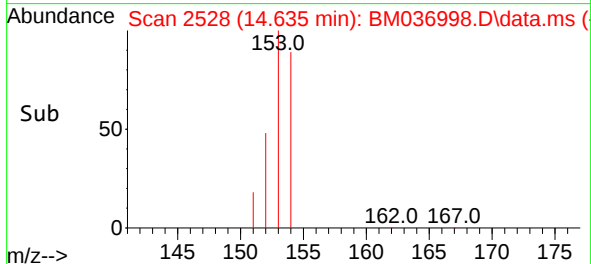
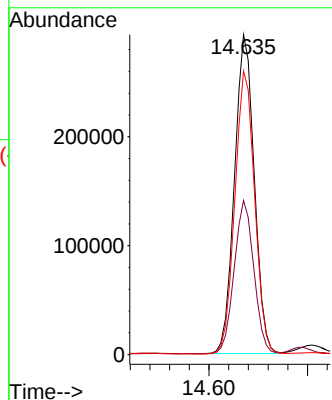
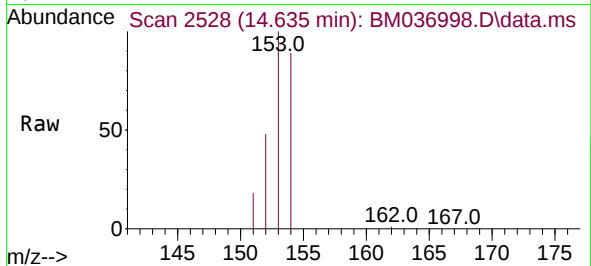




#11  
Acenaphthene  
Concen: 5.707 ng/u1  
RT: 14.635 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BM036998.D  
Acq: 13 Oct 2022 00:21

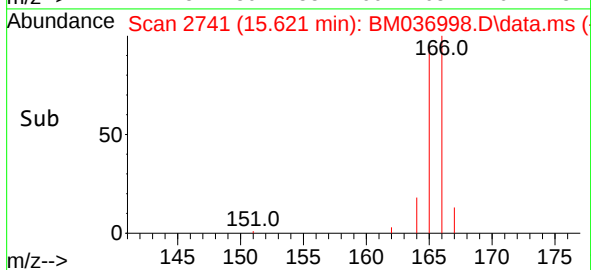
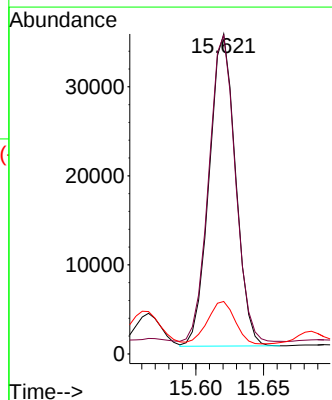
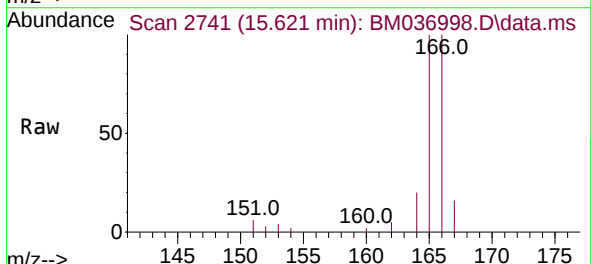
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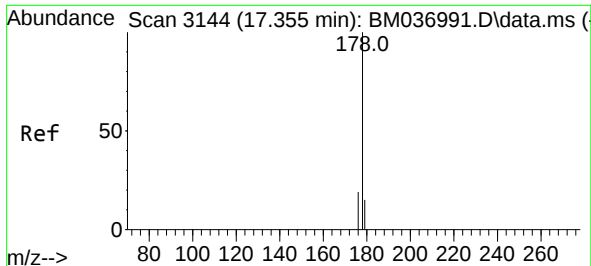
Tgt Ion:153 Resp: 408280  
Ion Ratio Lower Upper  
153 100  
152 48.2 40.2 60.4  
154 88.6 69.7 104.5



#12  
Fluorene  
Concen: 0.586 ng/u1  
RT: 15.621 min Scan# 2741  
Delta R.T. 0.000 min  
Lab File: BM036998.D  
Acq: 13 Oct 2022 00:21

Tgt Ion:166 Resp: 47475  
Ion Ratio Lower Upper  
166 100  
165 99.6 78.9 118.3  
167 16.4 11.3 16.9

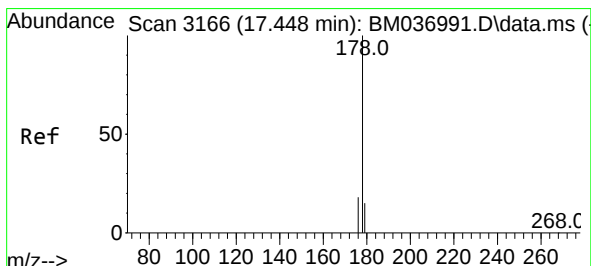
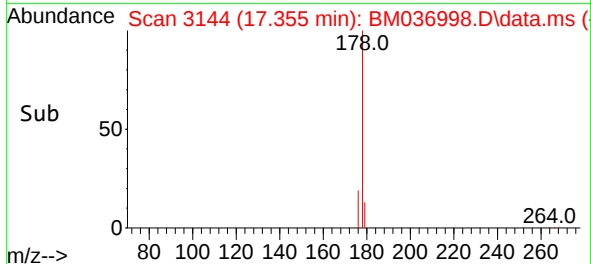
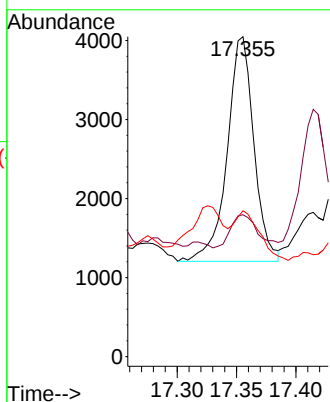
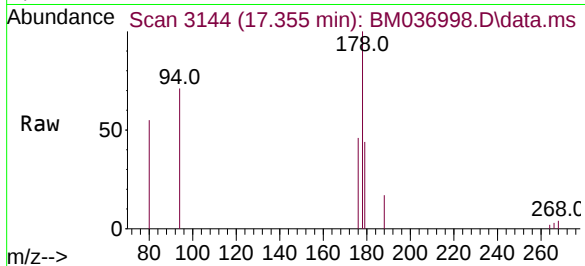




#15  
Phenanthrene  
Concen: 0.045 ng/ul  
RT: 17.355 min Scan# 3144  
Delta R.T. 0.000 min  
Lab File: BM036998.D  
Acq: 13 Oct 2022 00:21

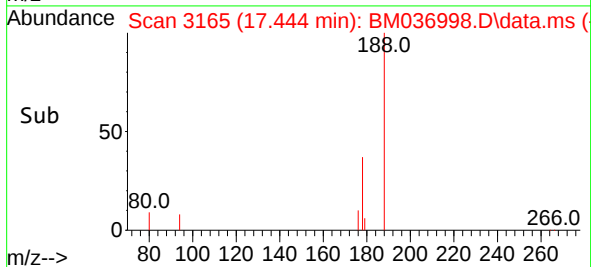
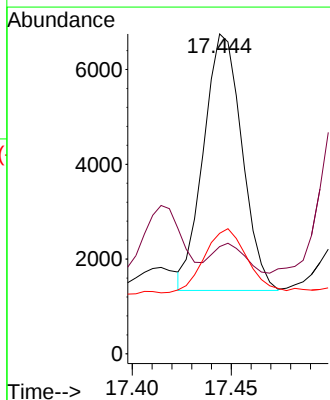
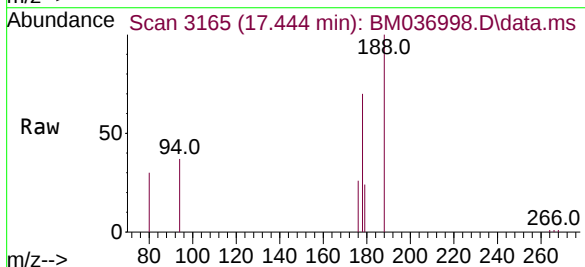
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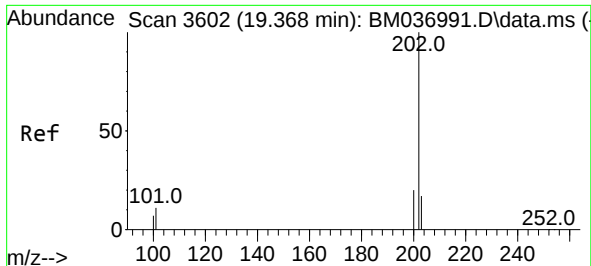
Tgt Ion:178 Resp: 4454  
Ion Ratio Lower Upper  
178 100  
179 44.4 13.0 19.6#  
176 45.6 15.6 23.4#



#16  
Anthracene  
Concen: 0.087 ng/ul  
RT: 17.444 min Scan# 3165  
Delta R.T. -0.004 min  
Lab File: BM036998.D  
Acq: 13 Oct 2022 00:21

Tgt Ion:178 Resp: 7295  
Ion Ratio Lower Upper  
178 100  
179 33.5 13.6 20.4#  
176 37.7 15.6 23.4#





#19

Fluoranthene

Concen: 0.037 ng/ul

RT: 19.363 min Scan# 3601

Delta R.T. 0.000 min

Lab File: BM036998.D

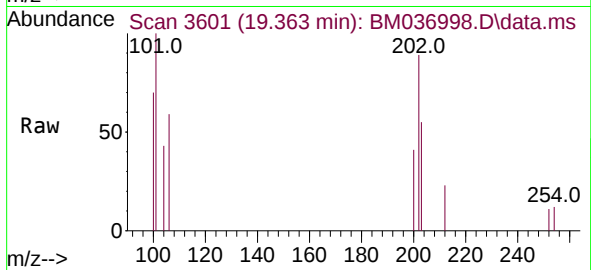
Acq: 13 Oct 2022 00:21

Instrument :

BNA\_M

ClientSampleId :

CB8Y7



Tgt Ion:202 Resp: 2613

Ion Ratio Lower Upper

202 100

101 112.2 10.1 15.1#

100 78.8 7.9 11.9#

