

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071321\  
 Data File : BM030966.D  
 Acq On : 14 Jul 2021 18:46  
 Operator : CG/JU  
 Sample : M2905-21RE  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBK32RE

Manual Integrations  
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 7/16/2021 10:53:36 AM

Quant Time: Jul 15 04:07:17 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM071321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 13 14:01:01 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.663  | 152  | 1203     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.433 | 136  | 5697     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.303 | 164  | 11483    | 0.400 | ng/ul  | # 0.00   |
| 13) Phenanthrene-d10        | 17.044 | 188  | 9158m    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.227 | 240  | 6439     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.413 | 264  | 6278     | 0.400 | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.234  | 96   | 5735     | 4.636 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 12.025 | 152  | 3753     | 0.379 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.069 | 212  | 9268     | 0.428 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.269  | 88   | 1063     | 0.770 | ng/ul# | 80       |
| 5) Naphthalene              | 10.482 | 128  | 158675   | 9.334 | ng/ul  | 95       |
| 7) 2-Methylnaphthalene      | 12.101 | 142  | 71293    | 5.935 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.322 | 142  | 50056    | 4.264 | ng/ul  | 92       |
| 11) Acenaphthene            | 14.356 | 153  | 4252     | 0.105 | ng/ul# | 82       |
| 12) Fluorene                | 15.346 | 166  | 7220     | 0.149 | ng/ul# | 91       |
| 14) Pentachlorophenol       | 16.701 | 266  | 152      | 0.047 | ng/ul  | 92       |
| 15) Phenanthrene            | 17.079 | 178  | 7656     | 0.266 | ng/ul# | 37       |
| 16) Anthracene              | 17.166 | 178  | 2062m    | 0.075 | ng/ul  |          |
| 19) Fluoranthene            | 19.081 | 202  | 2961     | 0.104 | ng/ul# | 34       |
| 20) Pyrene                  | 19.474 | 202  | 1209     | 0.042 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

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

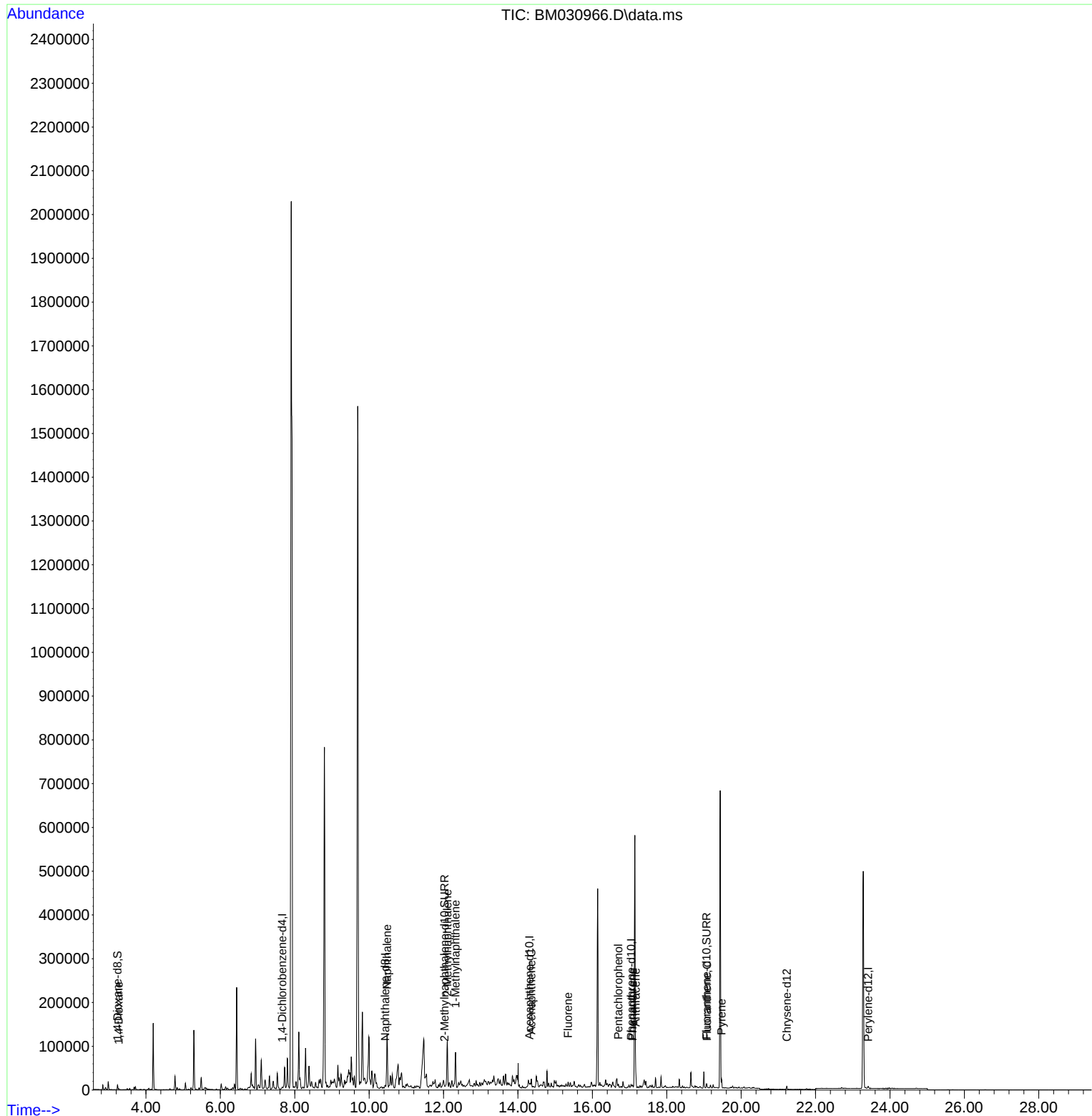
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071321\  
Data File : BM030966.D  
Acq On : 14 Jul 2021 18:46  
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Misc :  
ALS Vial : 38 Sample Multiplier: 1

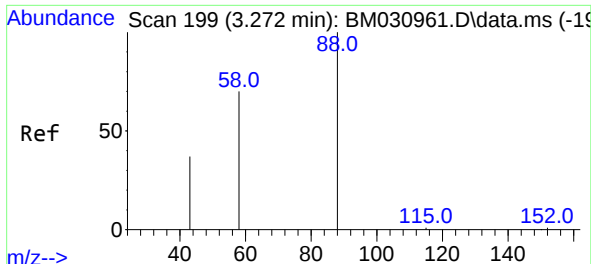
Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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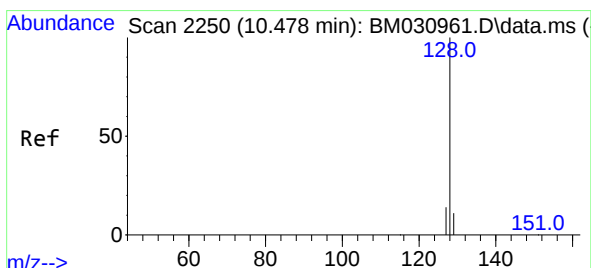
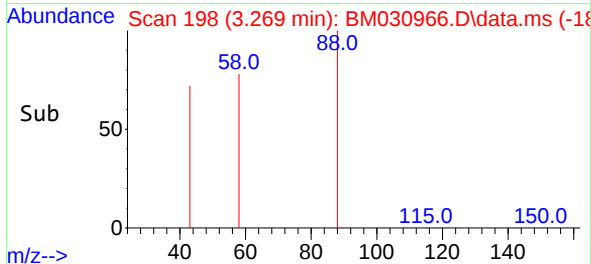
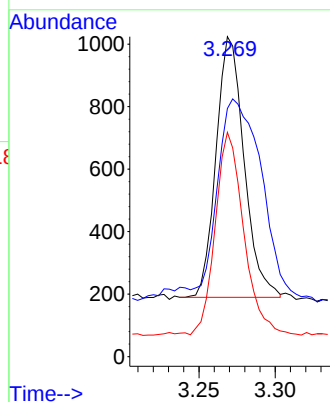
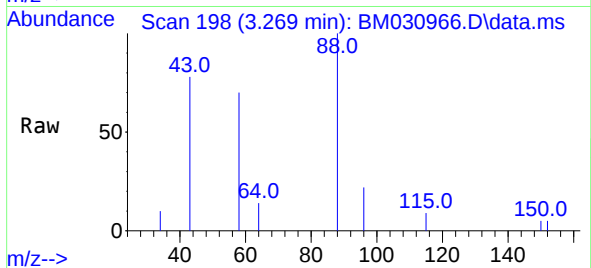
#2  
1,4-Dioxane  
Concen: 0.770 ng/ul  
RT: 3.269 min Scan# 198  
Delta R.T. -0.007 min  
Lab File: BM030966.D  
Acq: 14 Jul 2021 18:46

Tgt Ion: 88 Resp: 1063  
Ion Ratio Lower Upper  
88 100  
43 77.5 48.2 72.4#  
58 70.1 46.0 69.0#

Instrument :  
BNA\_M  
ClientSampled :  
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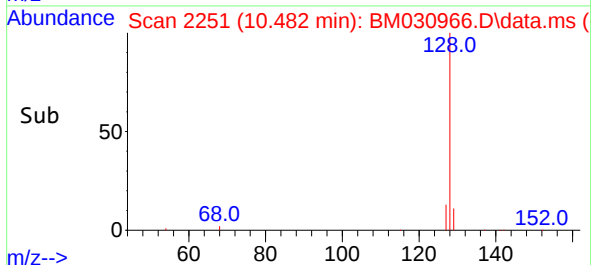
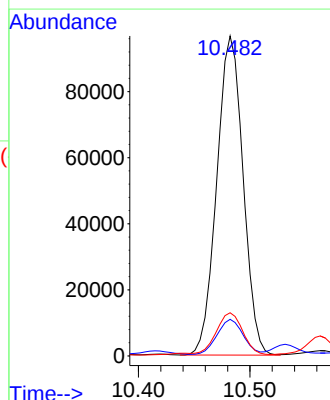
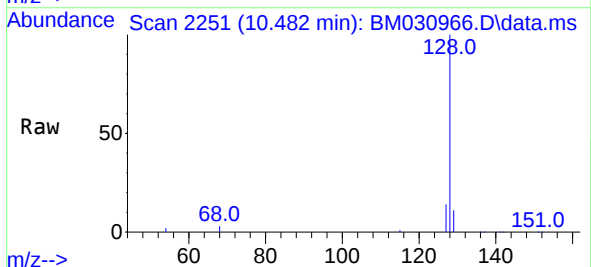
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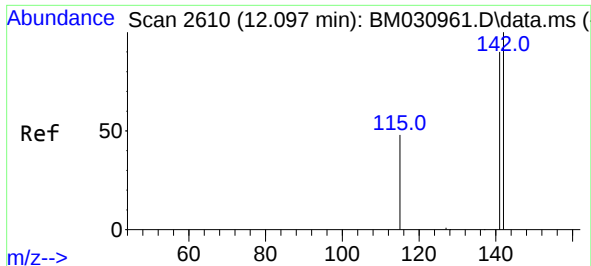
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#5  
Naphthalene  
Concen: 9.334 ng/ul  
RT: 10.482 min Scan# 2251  
Delta R.T. -0.009 min  
Lab File: BM030966.D  
Acq: 14 Jul 2021 18:46

Tgt Ion: 128 Resp: 158675  
Ion Ratio Lower Upper  
128 100  
129 11.5 10.7 16.1  
127 13.5 12.7 19.1





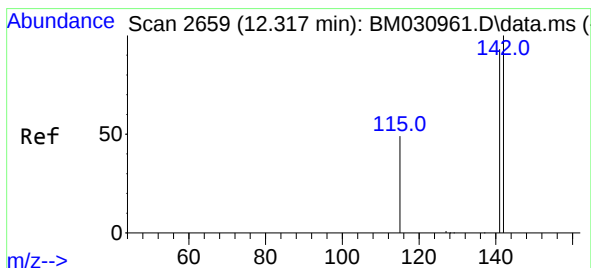
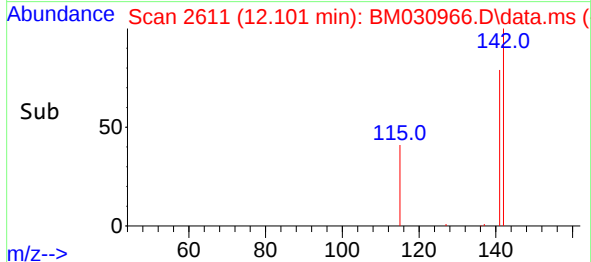
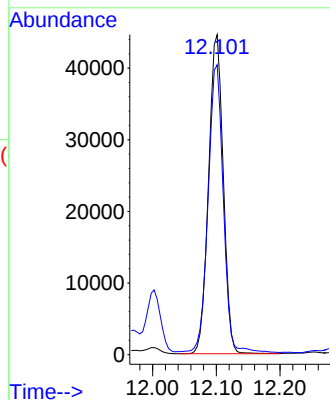
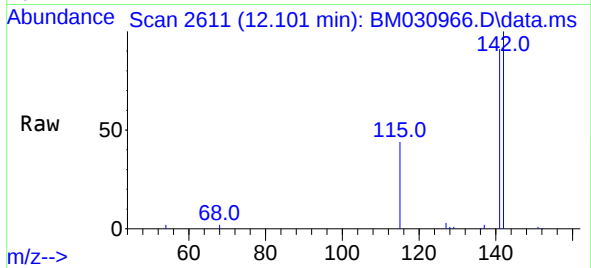
#7  
2-Methylnaphthalene  
Concen: 5.935 ng/ul  
RT: 12.101 min Scan# 2611  
Delta R.T. -0.009 min  
Lab File: BM030966.D  
Acq: 14 Jul 2021 18:46

Tgt Ion:142 Resp: 71293  
Ion Ratio Lower Upper  
142 100  
141 92.6 71.8 107.8

Instrument :  
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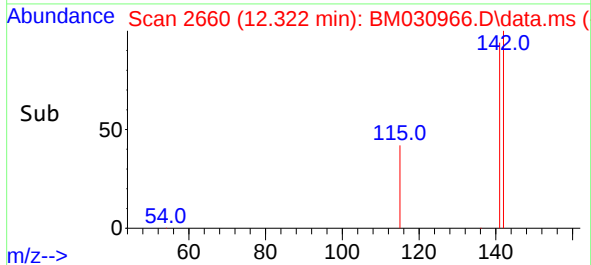
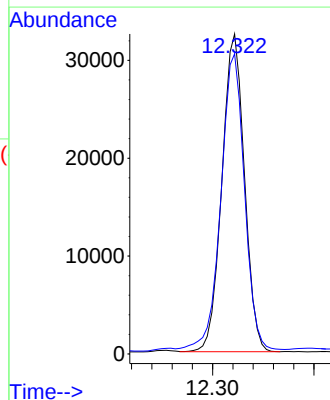
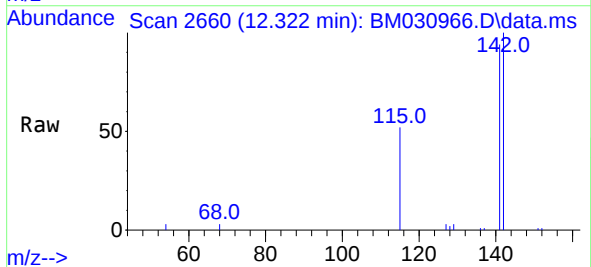
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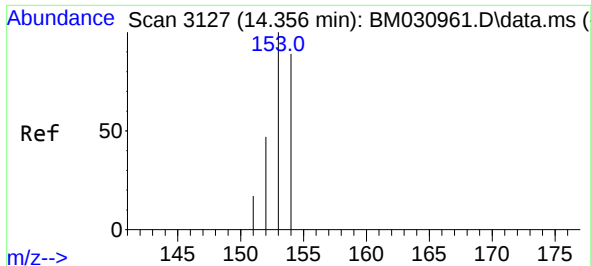
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#8  
1-Methylnaphthalene  
Concen: 4.264 ng/ul  
RT: 12.322 min Scan# 2660  
Delta R.T. -0.009 min  
Lab File: BM030966.D  
Acq: 14 Jul 2021 18:46

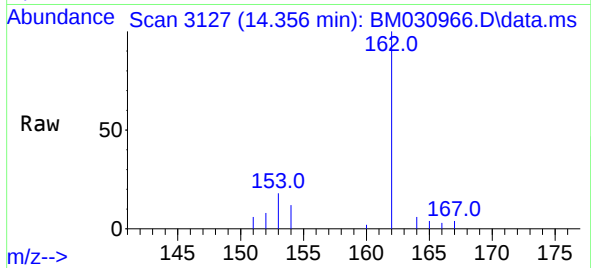
Tgt Ion:142 Resp: 50056  
Ion Ratio Lower Upper  
142 100  
141 99.9 73.8 110.8



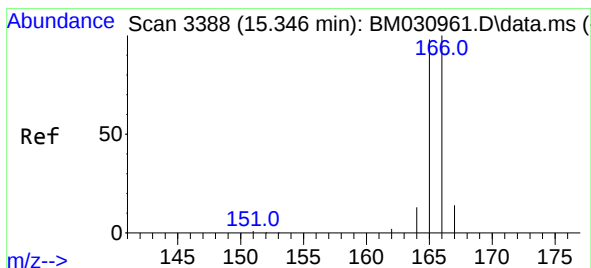
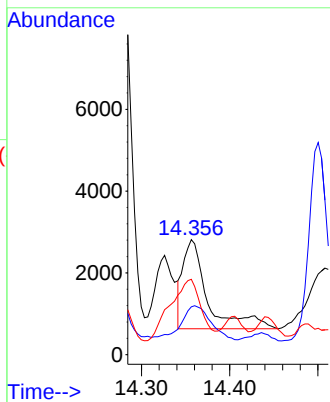
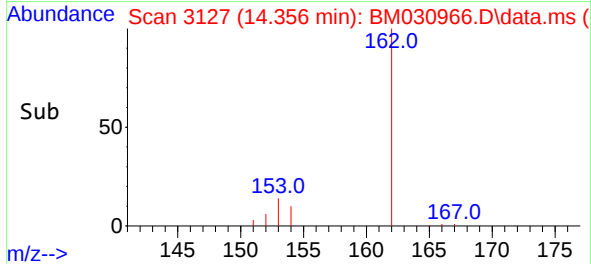


#11  
Acenaphthene  
Concen: 0.105 ng/u1  
RT: 14.356 min Scan# 3127  
Delta R.T. -0.007 min  
Lab File: BM030966.D  
Acq: 14 Jul 2021 18:46

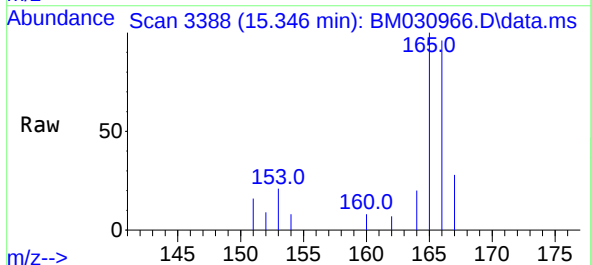
Instrument :  
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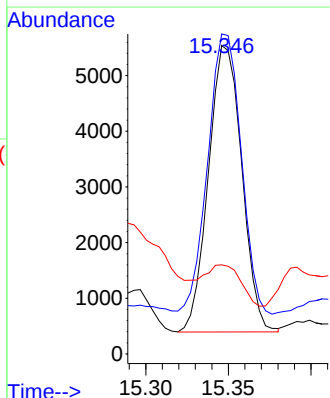
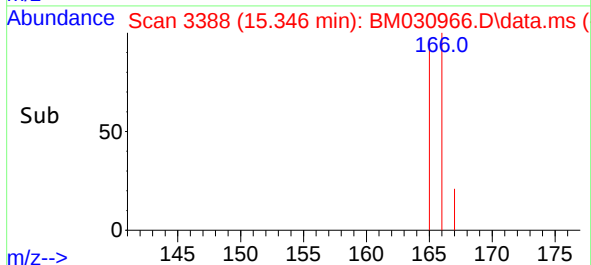
Tgt Ion:153 Resp: 4252  
Ion Ratio Lower Upper  
153 100  
152 41.5 39.3 58.9  
154 65.5 68.5 102.7#

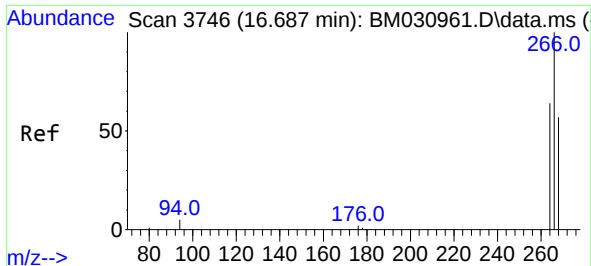


#12  
Fluorene  
Concen: 0.149 ng/u1  
RT: 15.346 min Scan# 3388  
Delta R.T. -0.007 min  
Lab File: BM030966.D  
Acq: 14 Jul 2021 18:46



Tgt Ion:166 Resp: 7220  
Ion Ratio Lower Upper  
166 100  
165 103.8 78.7 118.1  
167 28.9 12.5 18.7#





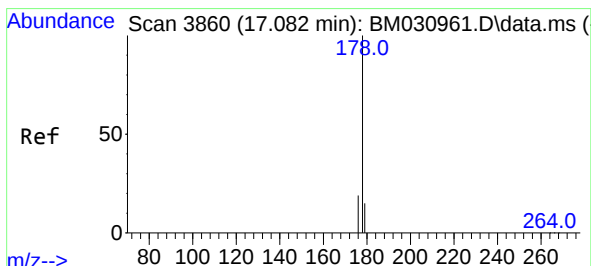
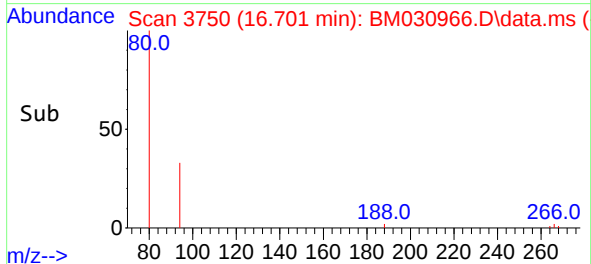
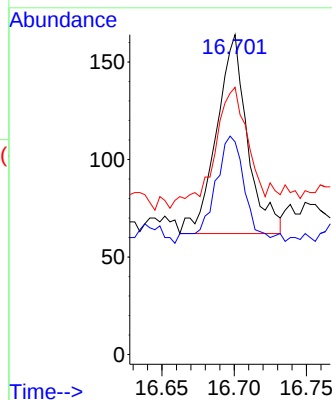
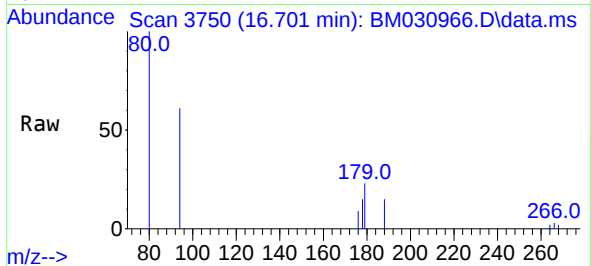
#14  
Pentachlorophenol  
Concen: 0.047 ng/ul  
RT: 16.701 min Scan# 3750  
Delta R.T. -0.003 min  
Lab File: BM030966.D  
Acq: 14 Jul 2021 18:46

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 152  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 55.3  | 49.5  | 74.3 |
| 268       | 69.1  | 50.4  | 75.6 |

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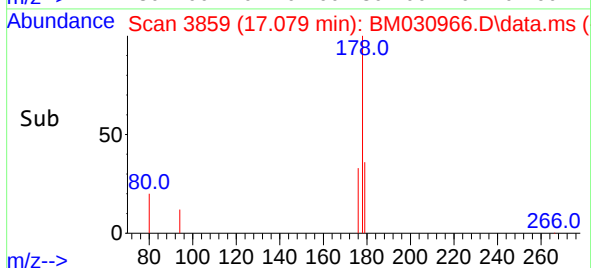
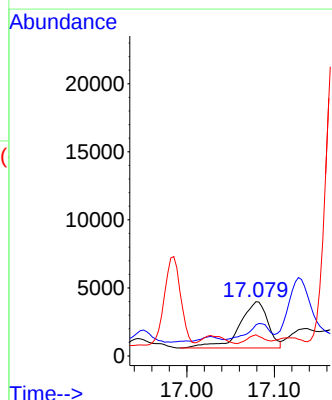
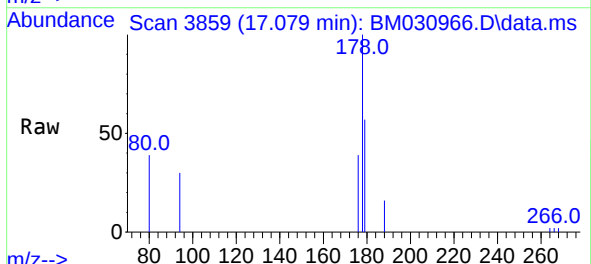
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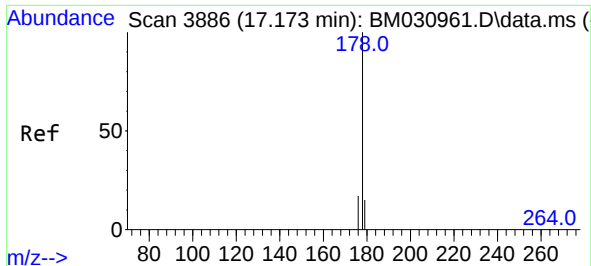
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#15  
Phenanthrene  
Concen: 0.266 ng/ul  
RT: 17.079 min Scan# 3859  
Delta R.T. -0.010 min  
Lab File: BM030966.D  
Acq: 14 Jul 2021 18:46

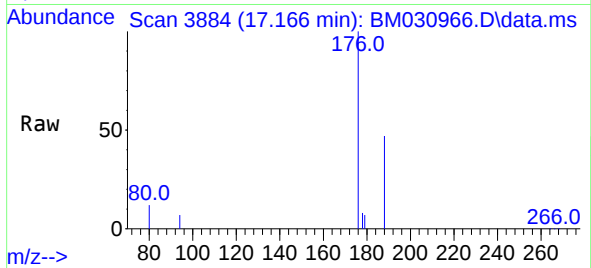
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 7656  |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 179       | 57.2  | 13.8  | 20.6# |
| 176       | 38.8  | 16.4  | 24.6# |





#16  
 Anthracene  
 Concen: 0.075 ng/ul m  
 RT: 17.166 min Scan# 3884  
 Delta R.T. -0.014 min  
 Lab File: BM030966.D  
 Acq: 14 Jul 2021 18:46

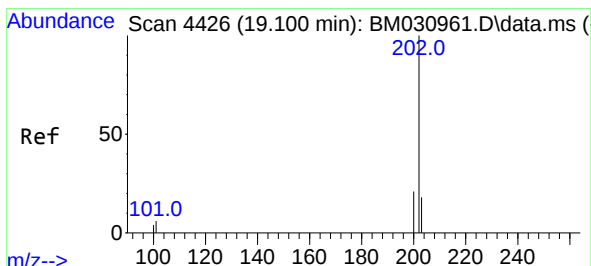
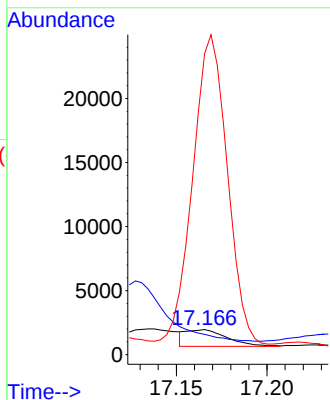
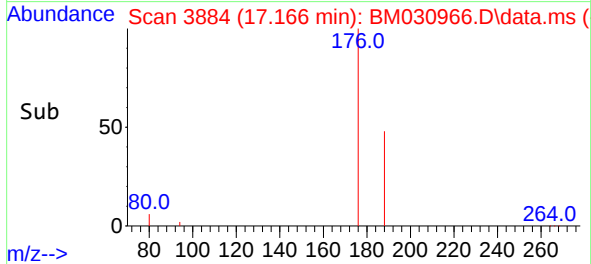
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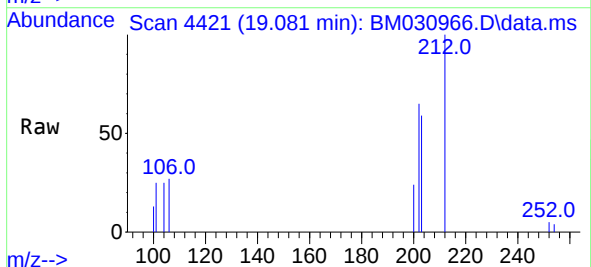
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 Ion Ratio Lower Upper  
 178 100  
 179 80.8 14.5 21.7#  
 176 1195.3 16.1 24.1#

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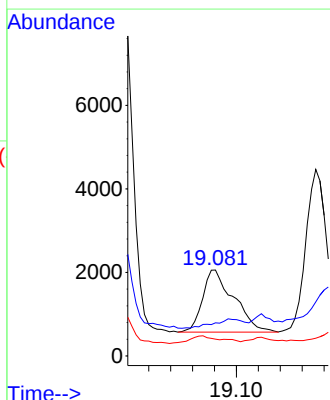
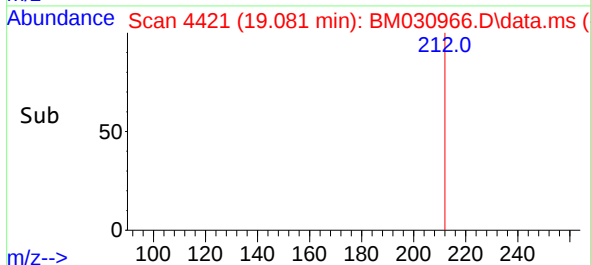
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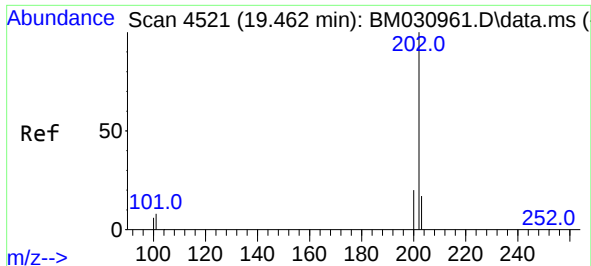


#19  
 Fluoranthene  
 Concen: 0.104 ng/ul  
 RT: 19.081 min Scan# 4421  
 Delta R.T. -0.026 min  
 Lab File: BM030966.D  
 Acq: 14 Jul 2021 18:46

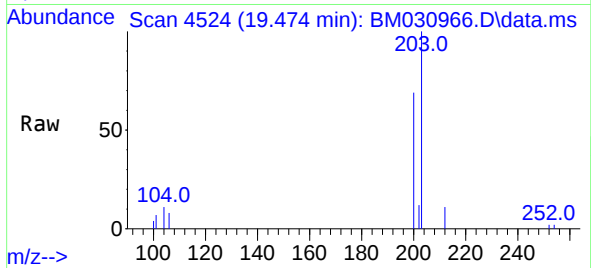


Tgt Ion:202 Resp: 2961  
 Ion Ratio Lower Upper  
 202 100  
 101 38.5 6.3 9.5#  
 100 19.6 5.0 7.6#

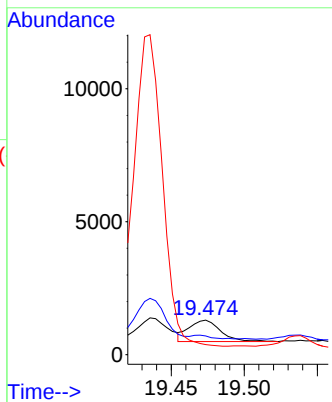
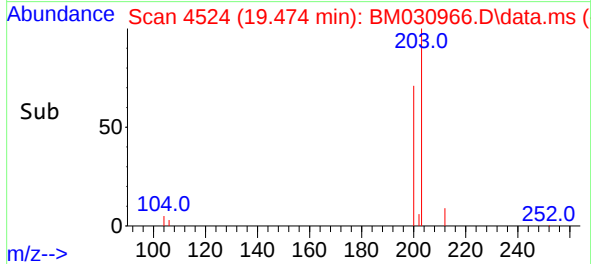




#20  
Pyrene  
Concen: 0.042 ng/ul  
RT: 19.474 min Scan# 4524  
Delta R.T. 0.000 min  
Lab File: BM030966.D  
Acq: 14 Jul 2021 18:46



Tgt Ion:202 Resp: 1209  
Ion Ratio Lower Upper  
202 100  
101 54.1 6.6 10.0#  
100 29.1 5.6 8.4#



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