

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071321\  
 Data File : BM030960.D  
 Acq On : 14 Jul 2021 14:25  
 Operator : CG/JU  
 Sample : M2905-21  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBK32

Manual Integrations  
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Quant Time: Jul 14 14:55:50 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   | 7.666  | 152  | 1447     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.433 | 136  | 6454     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.307 | 164  | 12182    | 0.400 | ng/ul  | # 0.00   |
| 13) Phenanthrene-d10        | 17.044 | 188  | 11708m   | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.231 | 240  | 6451     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.426 | 264  | 6241     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.234  | 96   | 6825     | 4.587 | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 12.025 | 152  | 3979     | 0.354 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.073 | 212  | 9279     | 0.427 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.269  | 88   | 1320     | 0.795 | ng/ul# | 88       |
| 5) Naphthalene              | 10.482 | 128  | 177777   | 9.231 | ng/ul  | 95       |
| 7) 2-Methylnaphthalene      | 12.101 | 142  | 77287    | 5.679 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.322 | 142  | 54016    | 4.062 | ng/ul  | 92       |
| 11) Acenaphthene            | 14.360 | 153  | 3146     | 0.073 | ng/ul# | 78       |
| 12) Fluorene                | 15.350 | 166  | 7511     | 0.147 | ng/ul# | 92       |
| 14) Pentachlorophenol       | 16.697 | 266  | 162      | 0.039 | ng/ul# | 87       |
| 15) Phenanthrene            | 17.086 | 178  | 6030     | 0.164 | ng/ul# | 35       |
| 16) Anthracene              | 17.166 | 178  | 2153m    | 0.061 | ng/ul  |          |
| 19) Fluoranthene            | 19.081 | 202  | 3072     | 0.108 | ng/ul# | 36       |
| 20) Pyrene                  | 19.477 | 202  | 1238     | 0.043 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

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

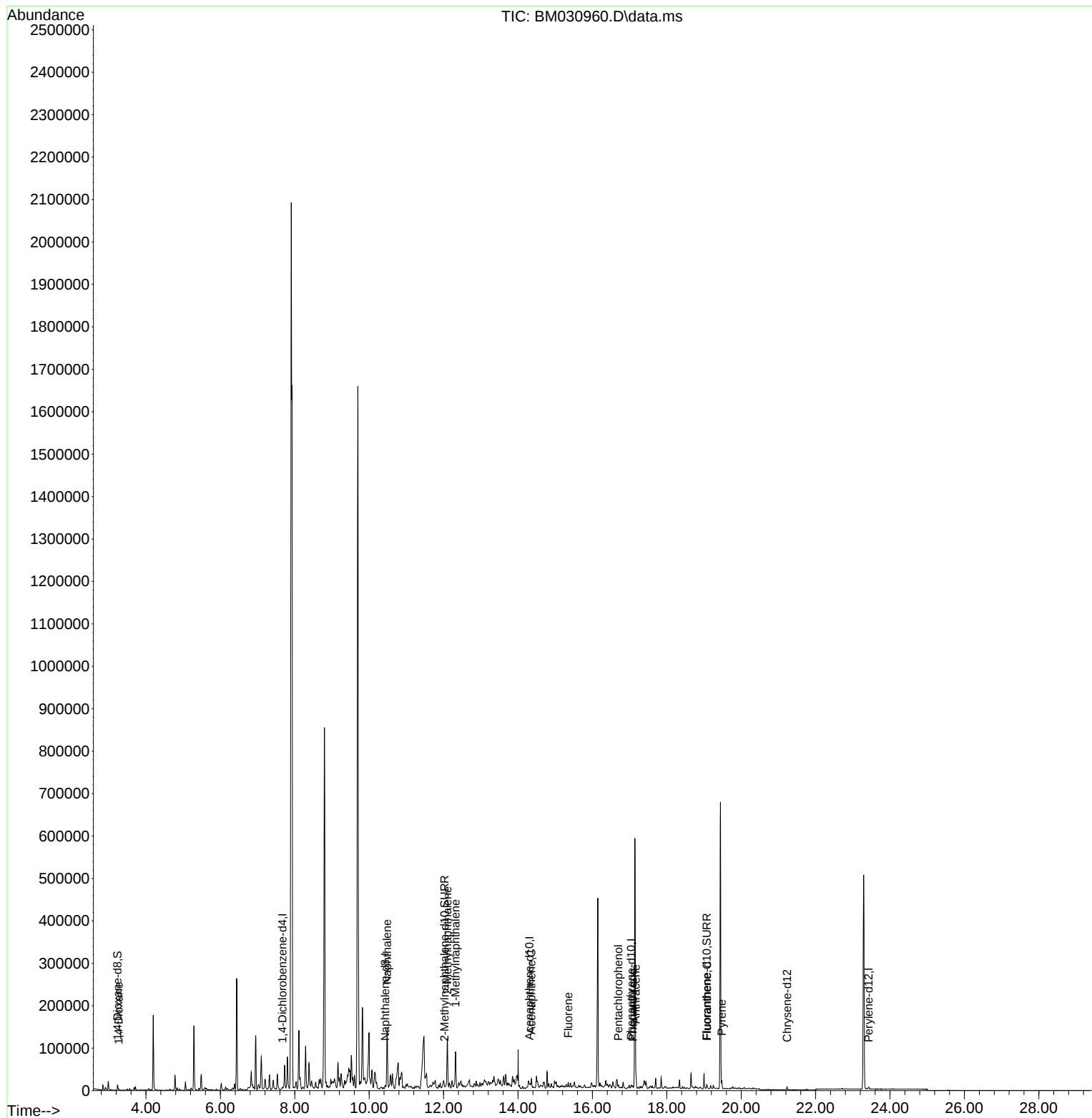
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071321\  
Data File : BM030960.D  
Acq On : 14 Jul 2021 14:25  
Operator : CG/JU  
Sample : M2905-21  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

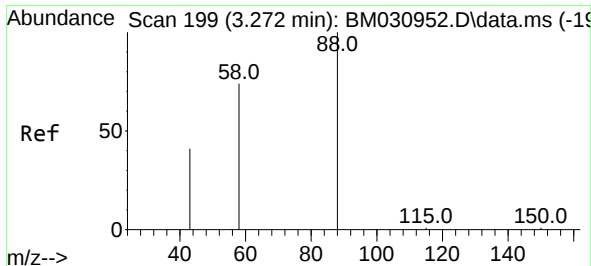
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Quant Time: Jul 14 14:55:50 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM071321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 13 14:01:01 2021  
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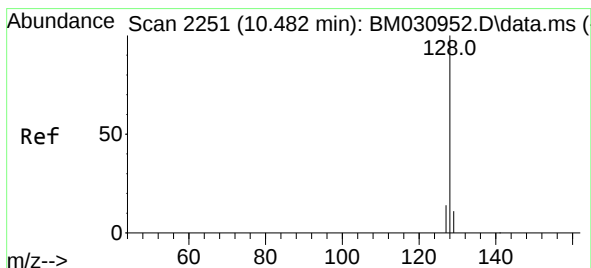
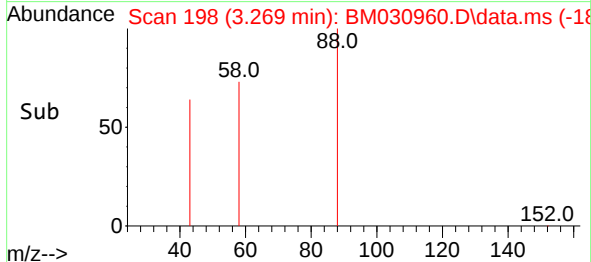
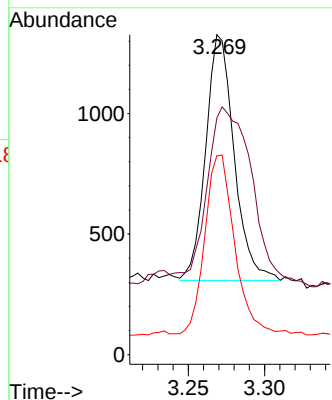
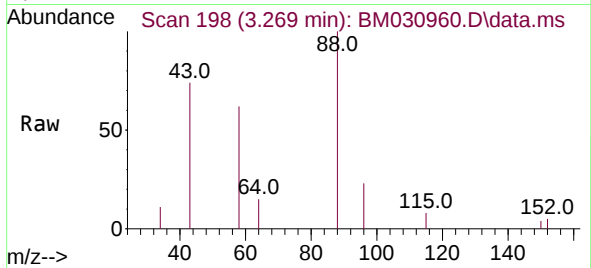
#2  
1,4-Dioxane  
Concen: 0.795 ng/ul  
RT: 3.269 min Scan# 198  
Delta R.T. -0.007 min  
Lab File: BM030960.D  
Acq: 14 Jul 2021 14:25

Tgt Ion: 88 Resp: 1320  
Ion Ratio Lower Upper  
88 100  
43 73.9 48.2 72.4#  
58 62.2 46.0 69.0

Instrument :  
BNA\_M  
ClientSampled :  
DBK32

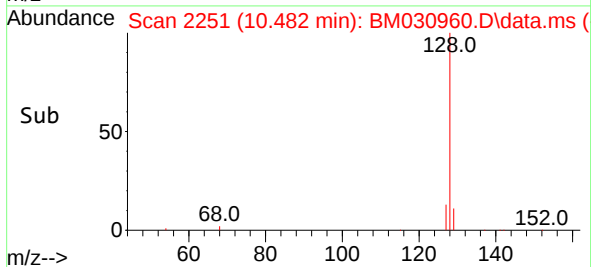
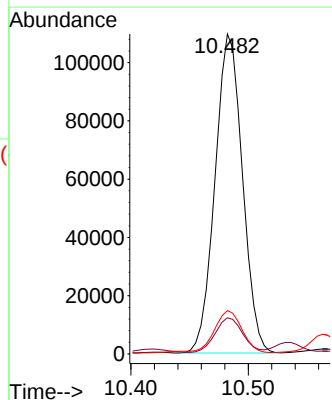
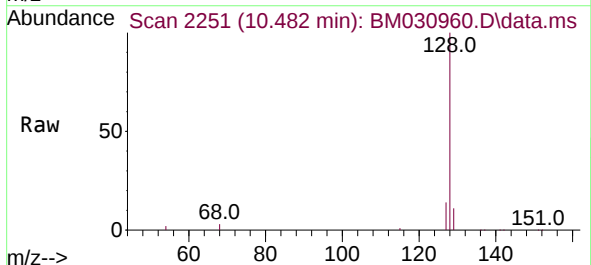
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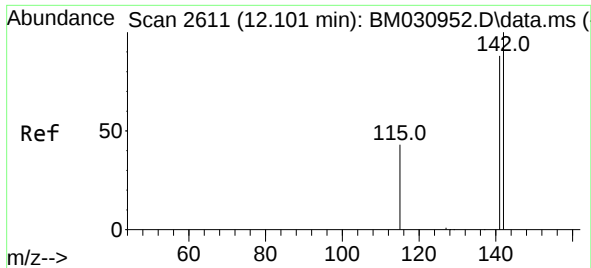
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#5  
Naphthalene  
Concen: 9.231 ng/ul  
RT: 10.482 min Scan# 2251  
Delta R.T. -0.009 min  
Lab File: BM030960.D  
Acq: 14 Jul 2021 14:25

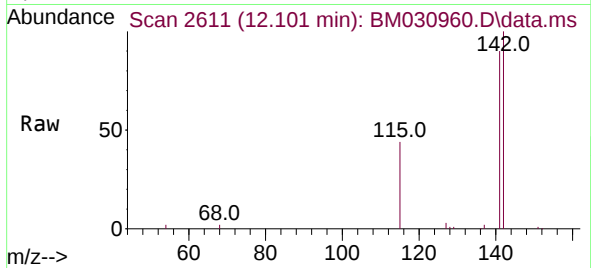
Tgt Ion: 128 Resp: 177777  
Ion Ratio Lower Upper  
128 100  
129 11.3 10.7 16.1  
127 13.6 12.7 19.1





#7  
2-Methylnaphthalene  
Concen: 5.679 ng/ul  
RT: 12.101 min Scan# 2611  
Delta R.T. -0.009 min  
Lab File: BM030960.D  
Acq: 14 Jul 2021 14:25

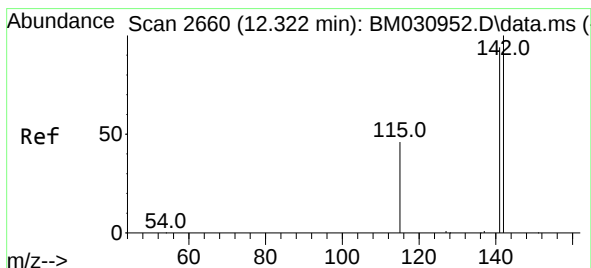
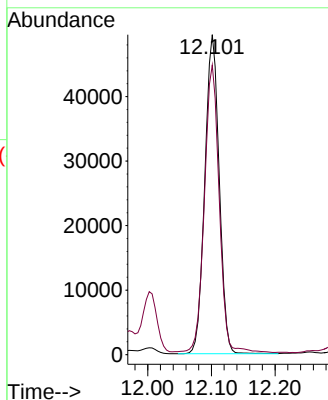
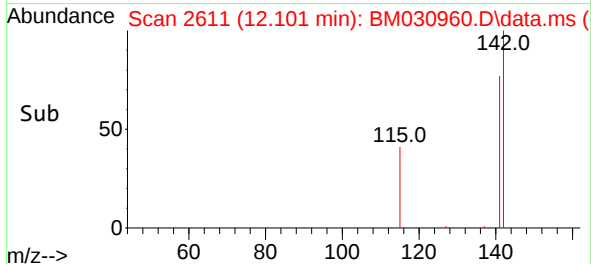
Instrument :  
BNA\_M  
ClientSampled :  
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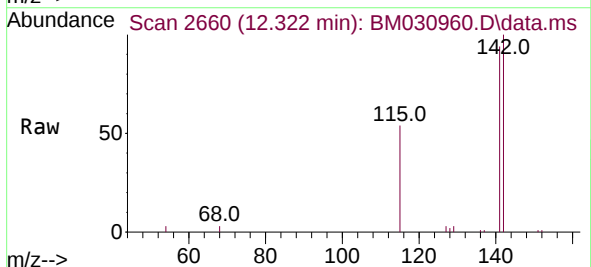
Tgt Ion:142 Resp: 77287  
Ion Ratio Lower Upper  
142 100  
141 92.7 71.8 107.8

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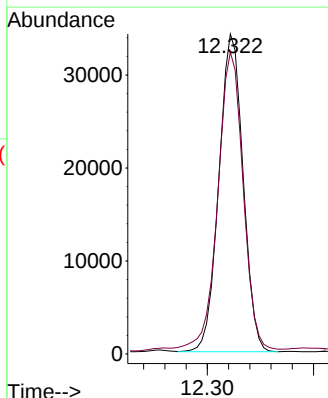
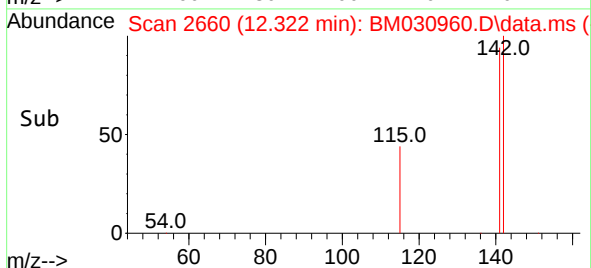
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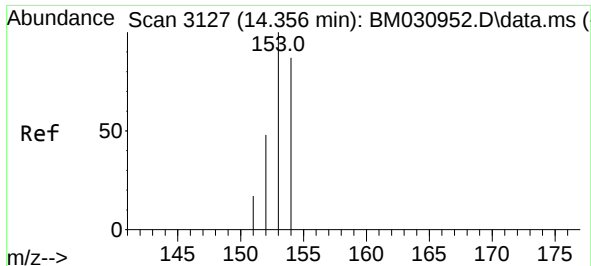


#8  
1-Methylnaphthalene  
Concen: 4.062 ng/ul  
RT: 12.322 min Scan# 2660  
Delta R.T. -0.009 min  
Lab File: BM030960.D  
Acq: 14 Jul 2021 14:25



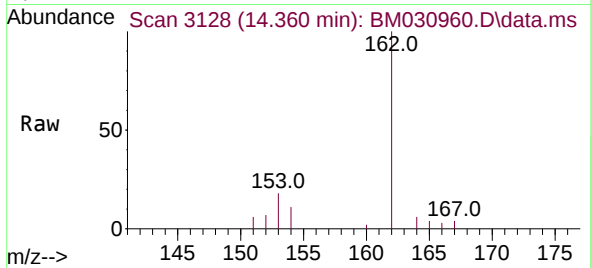
Tgt Ion:142 Resp: 54016  
Ion Ratio Lower Upper  
142 100  
141 100.0 73.8 110.8



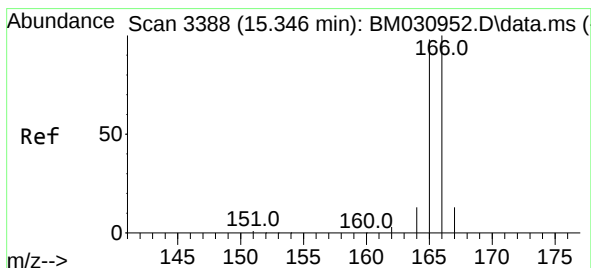
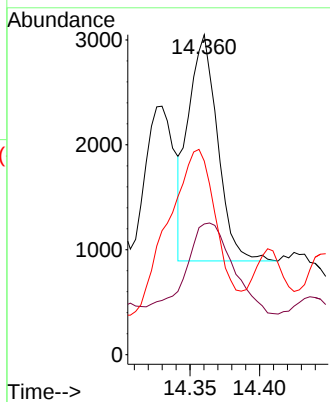
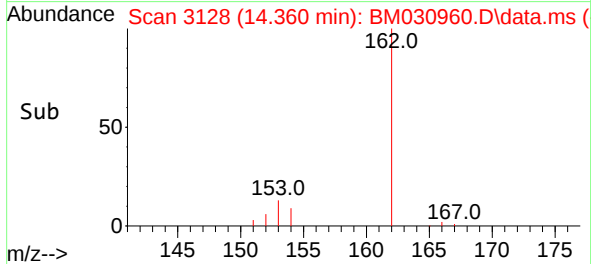


#11  
Acenaphthene  
Concen: 0.073 ng/ul  
RT: 14.360 min Scan# 3128  
Delta R.T. -0.004 min  
Lab File: BM030960.D  
Acq: 14 Jul 2021 14:25

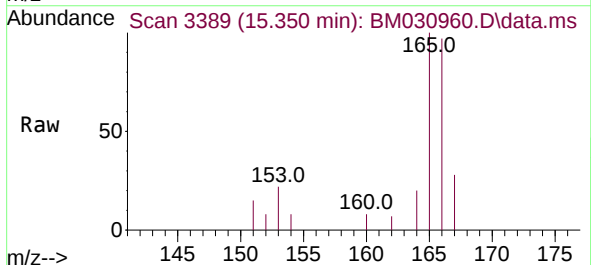
Instrument :  
BNA\_M  
ClientSampleId :  
DBK32



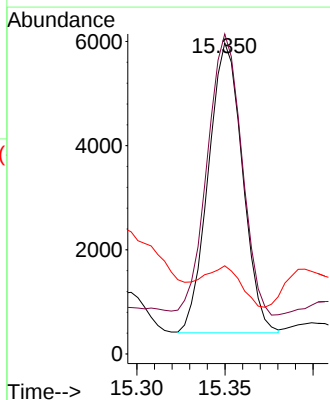
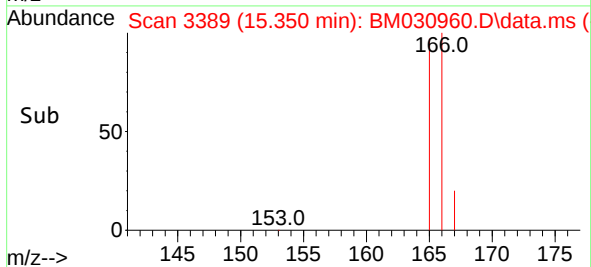
Tgt Ion:153 Resp: 3146  
Ion Ratio Lower Upper  
153 100  
152 40.8 39.3 58.9  
154 60.5 68.5 102.7#

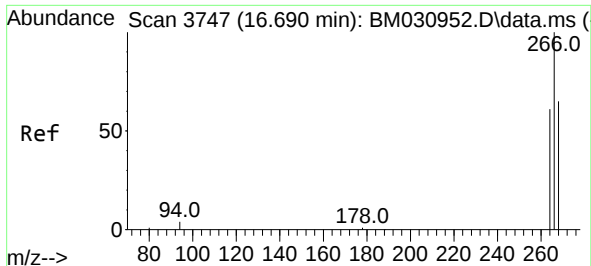


#12  
Fluorene  
Concen: 0.147 ng/ul  
RT: 15.350 min Scan# 3389  
Delta R.T. -0.004 min  
Lab File: BM030960.D  
Acq: 14 Jul 2021 14:25



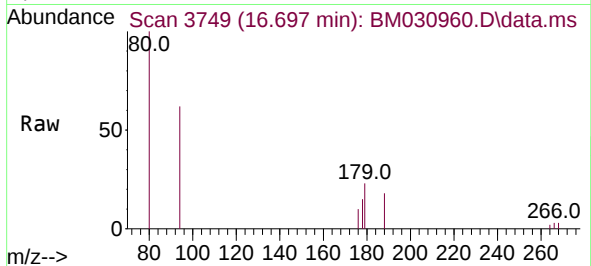
Tgt Ion:166 Resp: 7511  
Ion Ratio Lower Upper  
166 100  
165 102.9 78.7 118.1  
167 28.3 12.5 18.7#





#14  
 Pentachlorophenol  
 Concen: 0.039 ng/ul  
 RT: 16.697 min Scan# 3749  
 Delta R.T. -0.007 min  
 Lab File: BM030960.D  
 Acq: 14 Jul 2021 14:25

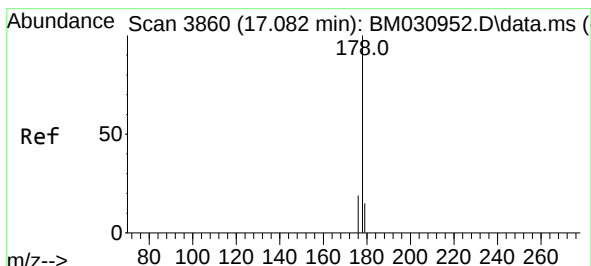
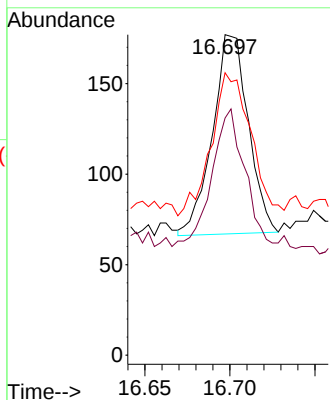
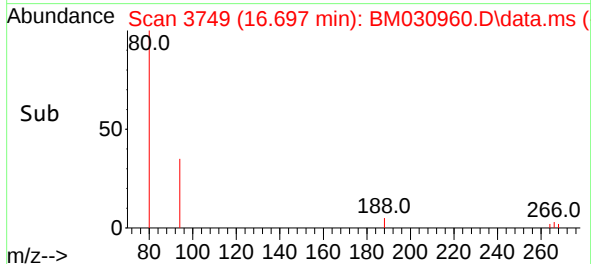
Instrument :  
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 ClientSampled :  
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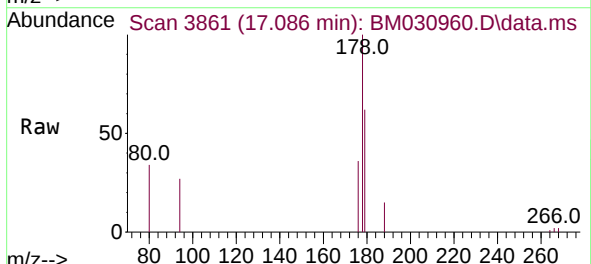
Tgt Ion:266 Resp: 162  
 Ion Ratio Lower Upper  
 266 100  
 264 66.0 49.5 74.3  
 268 78.4 50.4 75.6#

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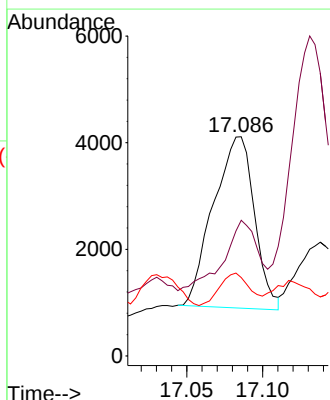
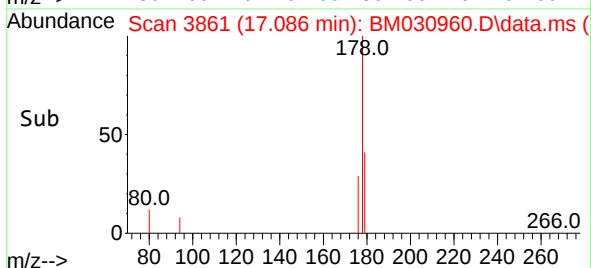
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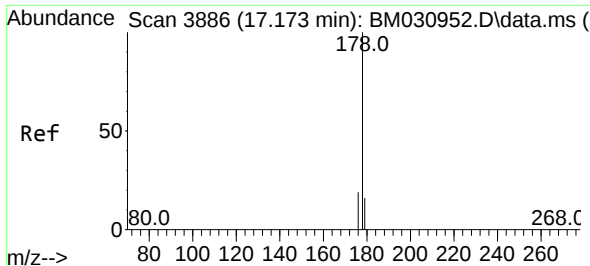


#15  
 Phenanthrene  
 Concen: 0.164 ng/ul  
 RT: 17.086 min Scan# 3861  
 Delta R.T. -0.003 min  
 Lab File: BM030960.D  
 Acq: 14 Jul 2021 14:25



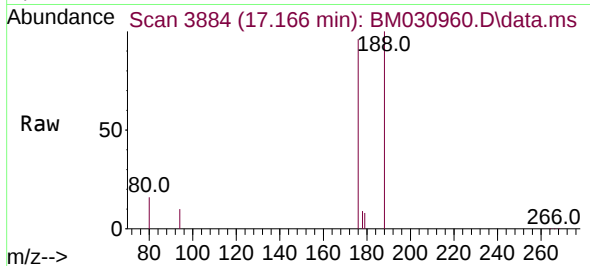
Tgt Ion:178 Resp: 6030  
 Ion Ratio Lower Upper  
 178 100  
 179 61.9 13.8 20.6#  
 176 35.8 16.4 24.6#





#16  
 Anthracene  
 Concen: 0.061 ng/ul m  
 RT: 17.166 min Scan# 3884  
 Delta R.T. -0.014 min  
 Lab File: BM030960.D  
 Acq: 14 Jul 2021 14:25

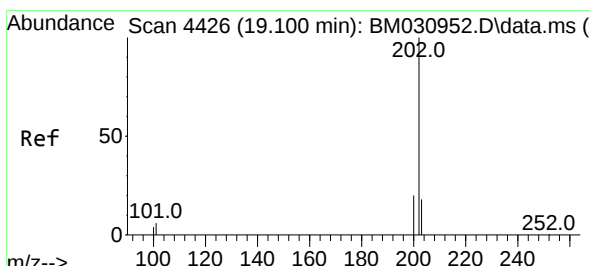
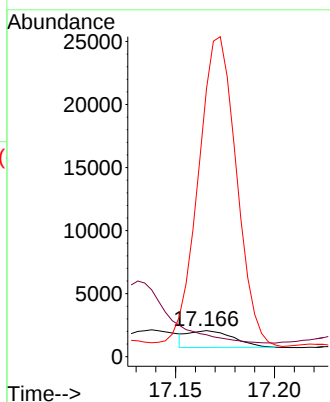
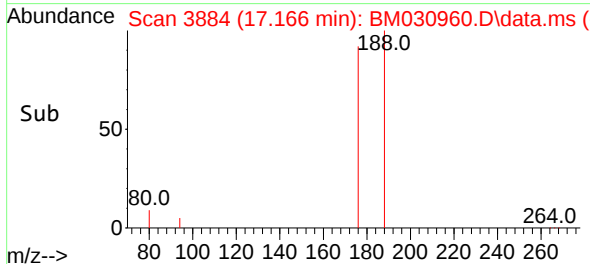
Instrument :  
 BNA\_M  
 ClientSampled :  
 DBK32



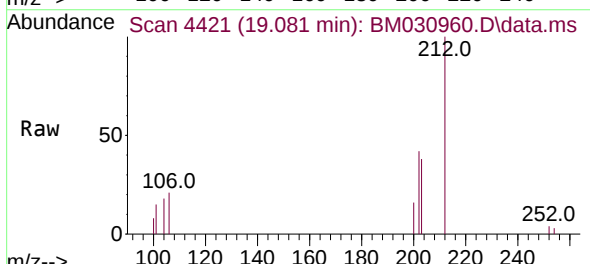
Tgt Ion:178 Resp: 2153  
 Ion Ratio Lower Upper  
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 179 84.1 14.5 21.7#  
 176 1025.8 16.1 24.1#

Manual Integrations  
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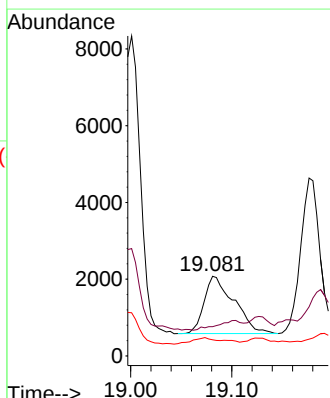
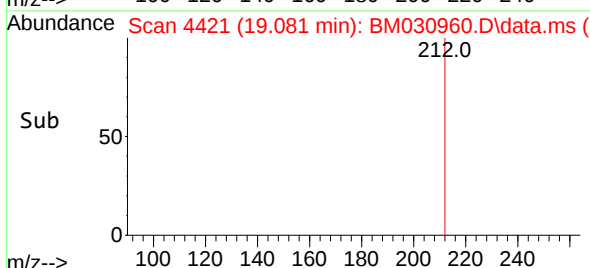
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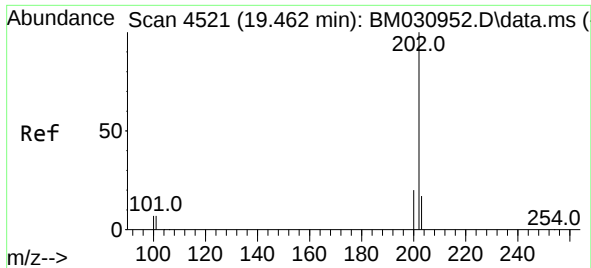


#19  
 Fluoranthene  
 Concen: 0.108 ng/ul  
 RT: 19.081 min Scan# 4421  
 Delta R.T. -0.026 min  
 Lab File: BM030960.D  
 Acq: 14 Jul 2021 14:25



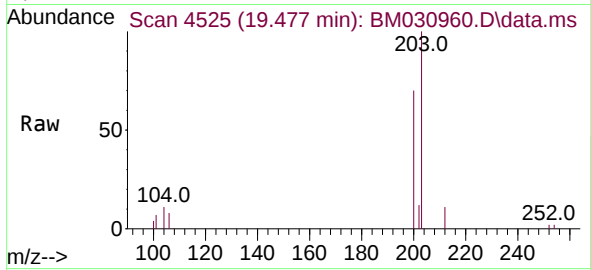
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 Ion Ratio Lower Upper  
 202 100  
 101 36.7 6.3 9.5#  
 100 20.2 5.0 7.6#





#20  
Pyrene  
Concen: 0.043 ng/ul  
RT: 19.477 min Scan# 4525  
Delta R.T. 0.004 min  
Lab File: BM030960.D  
Acq: 14 Jul 2021 14:25

Instrument :  
BNA\_M  
ClientSampleId :  
DBK32



Tgt Ion:202 Resp: 1238  
Ion Ratio Lower Upper  
202 100  
101 55.6 6.6 10.0#  
100 31.0 5.6 8.4#

Manual Integrations  
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