

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070821\  
 Data File : BM030894.D  
 Acq On : 08 Jul 2021 20:50  
 Operator : CG/JU  
 Sample : M2825-15  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGDR3

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Quant Time: Jul 09 02:53:09 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM062821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 09 02:52:26 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.763  | 152  | 2161     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.550 | 136  | 7954     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.394 | 164  | 3959     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.134 | 188  | 6266     | 0.400 | ng/ul  | -0.02    |
| 17) Chrysene-d12            | 21.306 | 240  | 4771     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.549 | 264  | 5436     | 0.400 | ng/ul  | #-0.02   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.269  | 96   | 2181     | 0.926 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.155 | 152  | 1749     | 0.140 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.157 | 212  | 2528     | 0.185 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 11) Acenaphthene            | 14.459 | 153  | 479      | 0.033 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.176 | 178  | 3984     | 0.189 | ng/ul  | 95       |
| 16) Anthracene              | 17.266 | 178  | 1726     | 0.094 | ng/ul# | 83       |
| 19) Fluoranthene            | 19.188 | 202  | 7761     | 0.369 | ng/ul  | 99       |
| 20) Pyrene                  | 19.546 | 202  | 7150     | 0.338 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.294 | 228  | 3703     | 0.195 | ng/ul  | 92       |
| 22) Chrysene                | 21.345 | 228  | 3538     | 0.166 | ng/ul# | 94       |
| 24) Benzo(b)fluoranthene    | 22.876 | 252  | 4655m    | 0.193 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.912 | 252  | 2196m    | 0.088 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.450 | 252  | 2914     | 0.142 | ng/ul# | 62       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.834 | 276  | 2172     | 0.081 | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 25.846 | 278  | 641      | 0.030 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 26.529 | 276  | 500      | 0.022 | ng/ul# | 32       |
| -----                       |        |      |          |       |        |          |

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

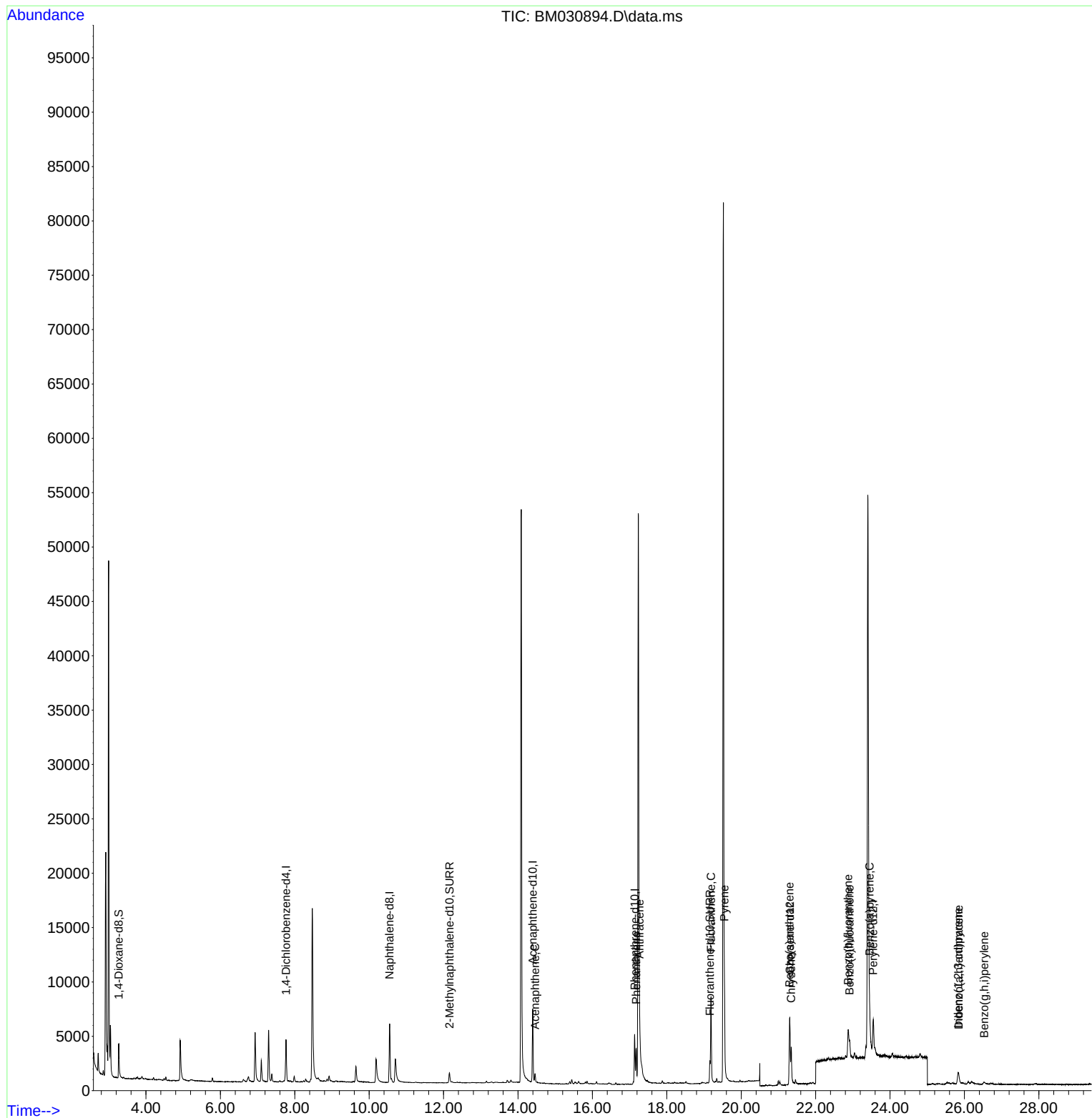
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070821\  
Data File : BM030894.D  
Acq On : 08 Jul 2021 20:50  
Operator : CG/JU  
Sample : M2825-15  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

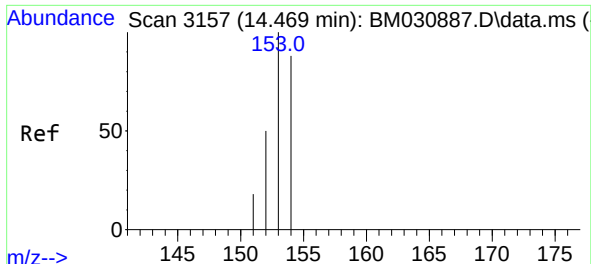
Instrument :  
BNA\_M  
ClientSampleId :  
BGDR3

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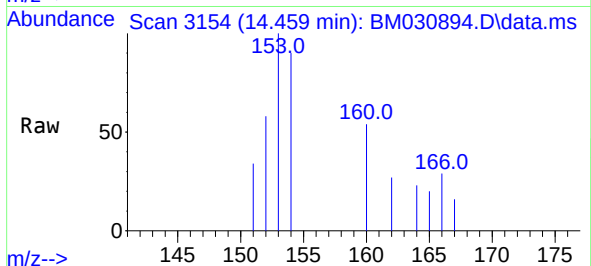
Quant Time: Jul 09 02:53:09 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM062821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 09 02:52:26 2021  
Response via : Initial Calibration





#11  
Acenaphthene  
Concen: 0.033 ng/ul  
RT: 14.459 min Scan# 3154  
Delta R.T. -0.008 min  
Lab File: BM030894.D  
Acq: 08 Jul 2021 20:50

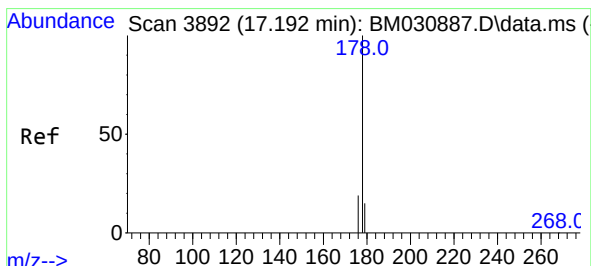
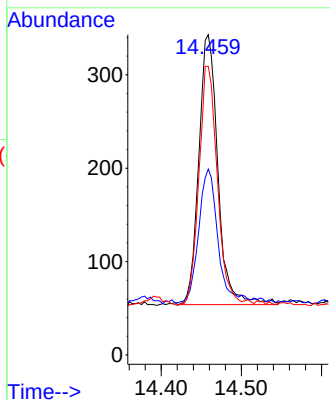
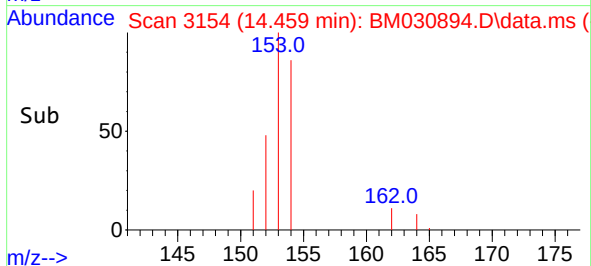
Instrument :  
BNA\_M  
ClientSampled :  
BGDR3



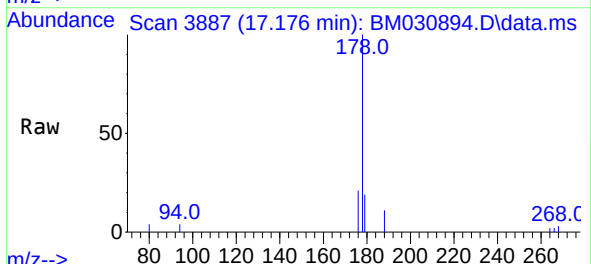
Tgt Ion:153 Resp: 479  
Ion Ratio Lower Upper  
153 100  
152 58.0 40.2 60.2  
154 90.1 71.2 106.8

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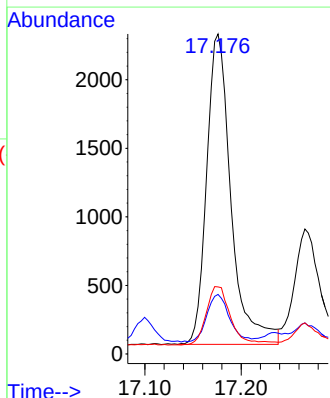
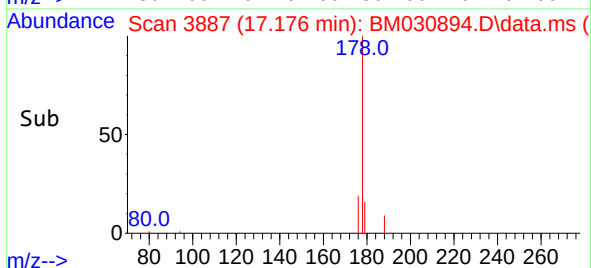
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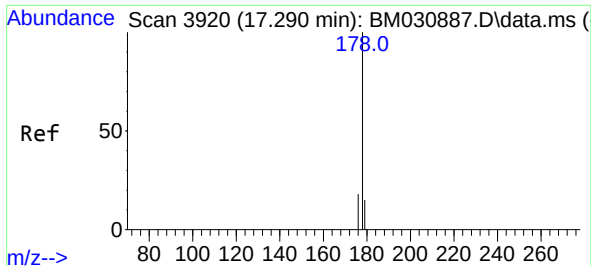


#15  
Phenanthrene  
Concen: 0.189 ng/ul  
RT: 17.176 min Scan# 3887  
Delta R.T. -0.017 min  
Lab File: BM030894.D  
Acq: 08 Jul 2021 20:50



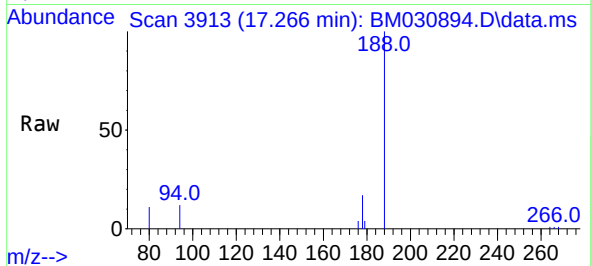
Tgt Ion:178 Resp: 3984  
Ion Ratio Lower Upper  
178 100  
179 18.6 12.6 19.0  
176 21.0 15.5 23.3





#16  
 Anthracene  
 Concen: 0.094 ng/ul  
 RT: 17.266 min Scan# 3913  
 Delta R.T. -0.024 min  
 Lab File: BM030894.D  
 Acq: 08 Jul 2021 20:50

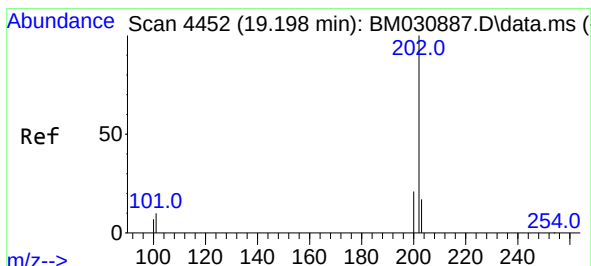
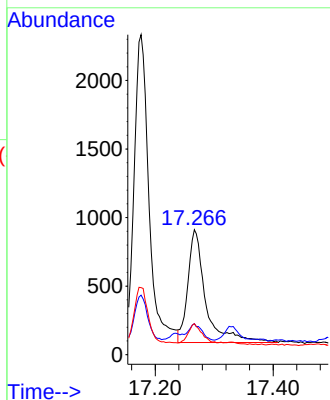
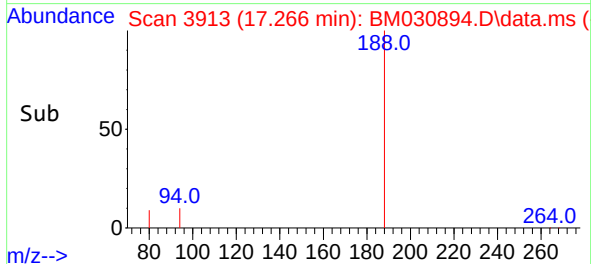
Instrument :  
 BNA\_M  
 ClientSampled :  
 BGDR3



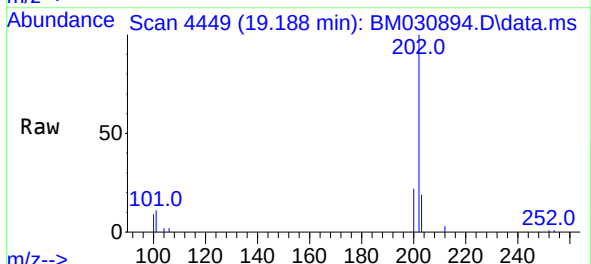
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 1726  |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 179      | 24.8  | 12.7  | 19.1# |
| 176      | 24.8  | 15.2  | 22.8# |

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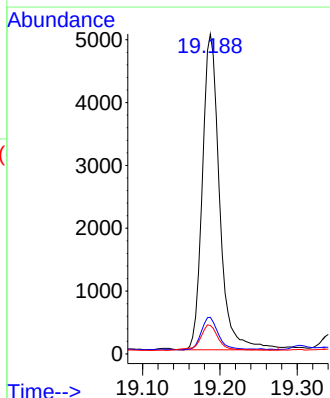
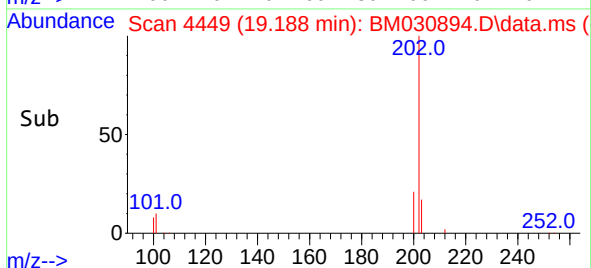
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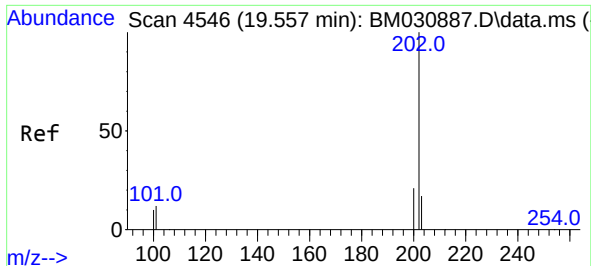


#19  
 Fluoranthene  
 Concen: 0.369 ng/ul  
 RT: 19.188 min Scan# 4449  
 Delta R.T. -0.011 min  
 Lab File: BM030894.D  
 Acq: 08 Jul 2021 20:50



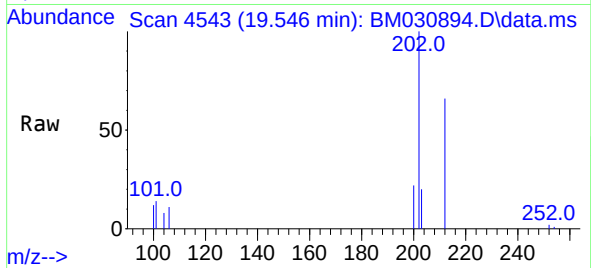
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 7761  |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 11.4  | 8.8   | 13.2  |
| 100      | 8.9   | 6.9   | 10.3  |





#20  
Pyrene  
Concen: 0.338 ng/ul  
RT: 19.546 min Scan# 4543  
Delta R.T. -0.011 min  
Lab File: BM030894.D  
Acq: 08 Jul 2021 20:50

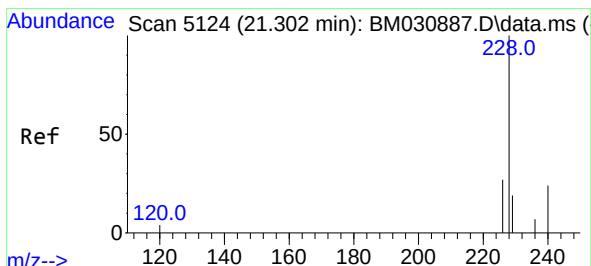
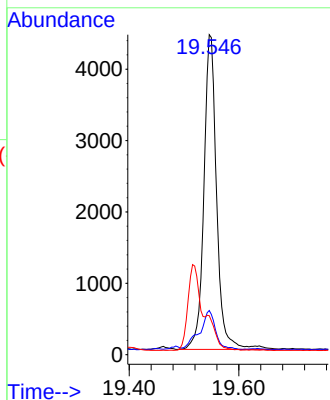
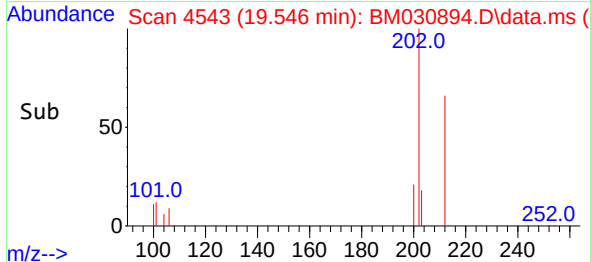
Instrument :  
BNA\_M  
ClientSampled :  
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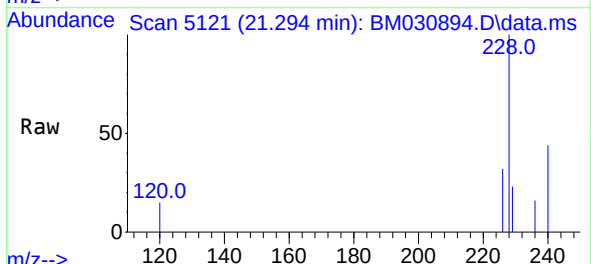
Tgt Ion:202 Resp: 7150  
Ion Ratio Lower Upper  
202 100  
101 13.8 10.1 15.1  
100 12.2 8.2 12.2

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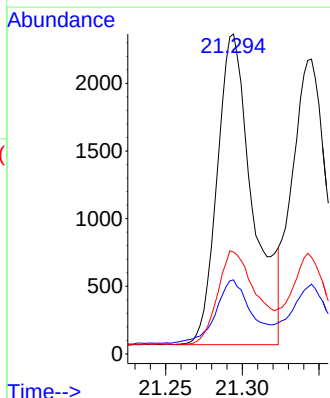
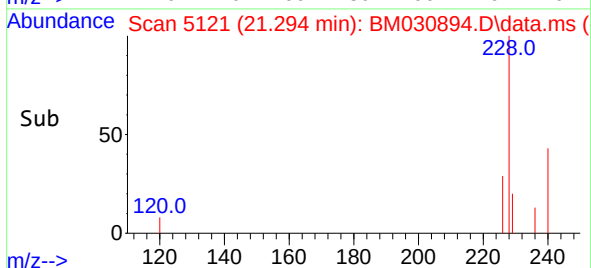
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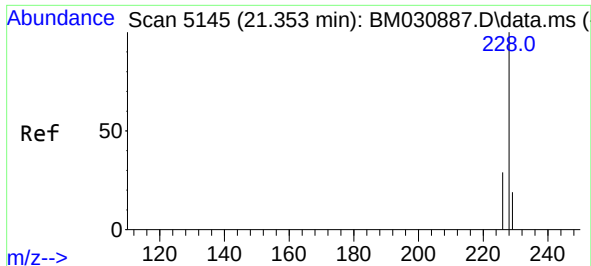


#21  
Benzo(a)anthracene  
Concen: 0.195 ng/ul  
RT: 21.294 min Scan# 5121  
Delta R.T. -0.010 min  
Lab File: BM030894.D  
Acq: 08 Jul 2021 20:50

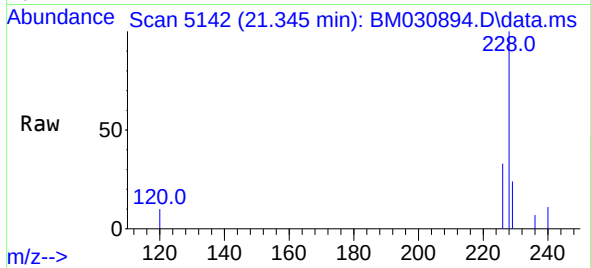


Tgt Ion:228 Resp: 3703  
Ion Ratio Lower Upper  
228 100  
229 23.1 15.8 23.6  
226 31.8 22.2 33.4

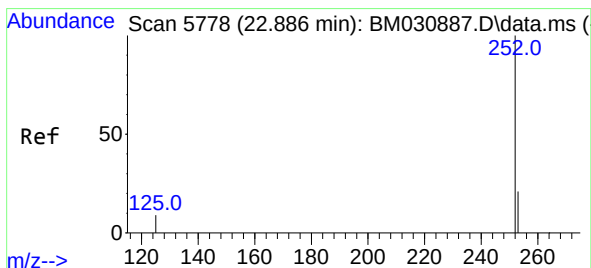
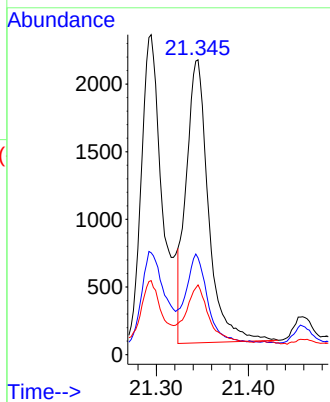
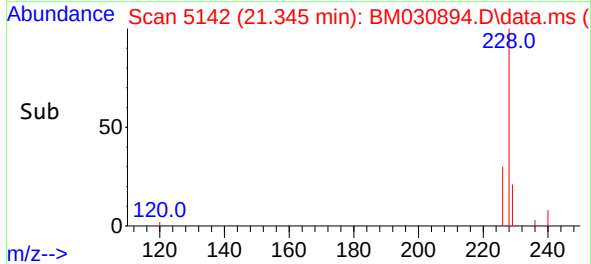




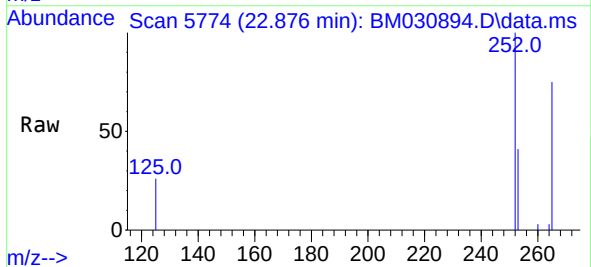
#22  
Chrysene  
Concen: 0.166 ng/ul  
RT: 21.345 min Scan# 5142  
Delta R.T. -0.007 min  
Lab File: BM030894.D  
Acq: 08 Jul 2021 20:50



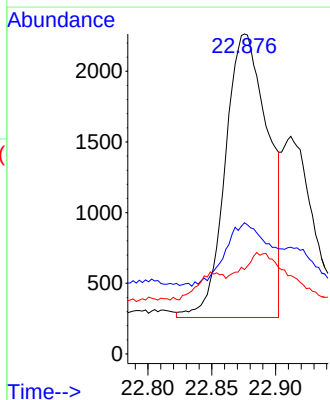
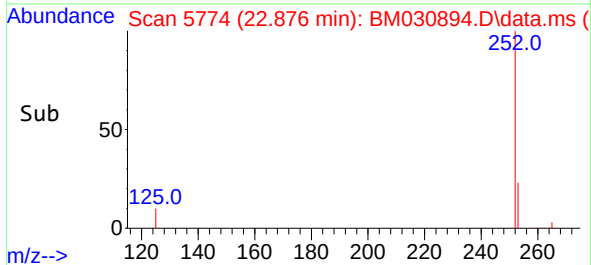
Tgt Ion:228 Resp: 3538  
Ion Ratio Lower Upper  
228 100  
226 32.9 24.4 36.6  
229 23.6 15.4 23.0#



#24  
Benzo(b)fluoranthene  
Concen: 0.193 ng/ul m  
RT: 22.876 min Scan# 5774  
Delta R.T. -0.010 min  
Lab File: BM030894.D  
Acq: 08 Jul 2021 20:50



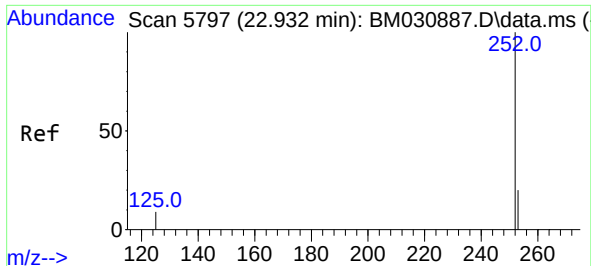
Tgt Ion:252 Resp: 4655  
Ion Ratio Lower Upper  
252 100  
253 41.0 0.0 50.2  
125 26.4 0.0 27.8



Instrument :  
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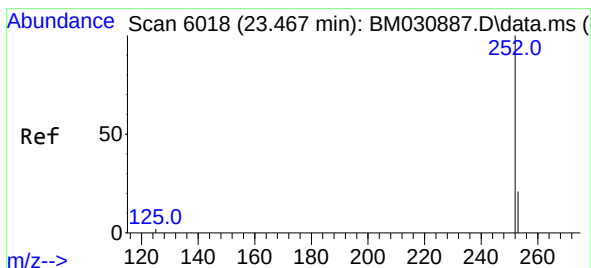
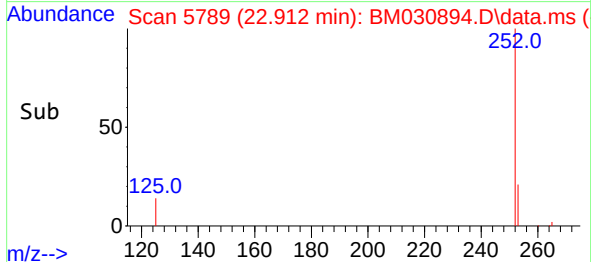
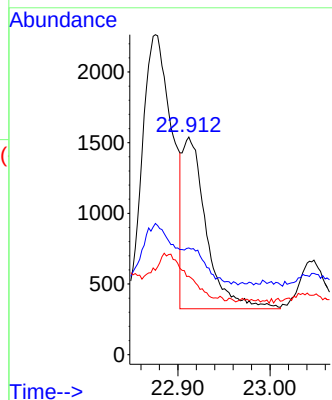
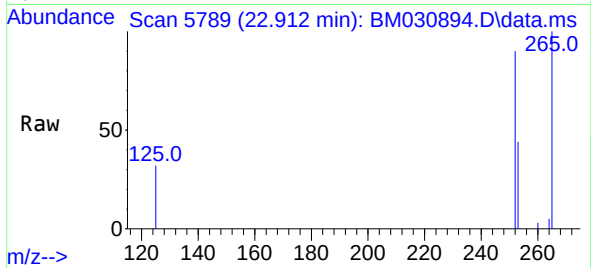
#25  
Benzo(k)fluoranthene  
Concen: 0.088 ng/ul m  
RT: 22.912 min Scan# 5789  
Delta R.T. -0.019 min  
Lab File: BM030894.D  
Acq: 08 Jul 2021 20:50

Tgt Ion:252 Resp: 2196  
Ion Ratio Lower Upper  
252 100  
253 49.0 20.6 31.0#  
125 36.0 11.0 16.4#

Instrument :  
BNA\_M  
ClientSampled :  
BGDR3

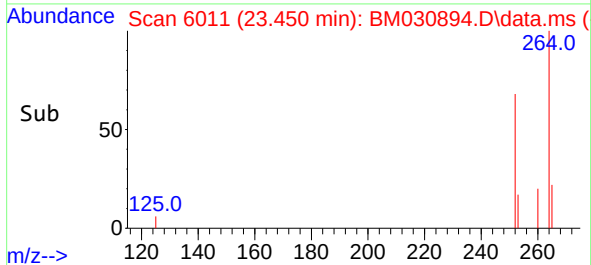
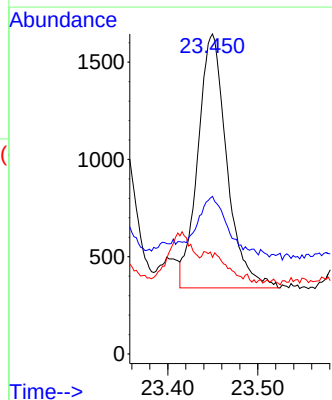
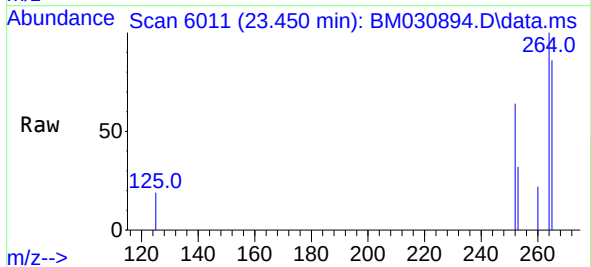
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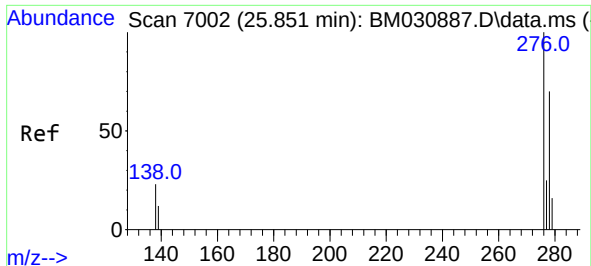
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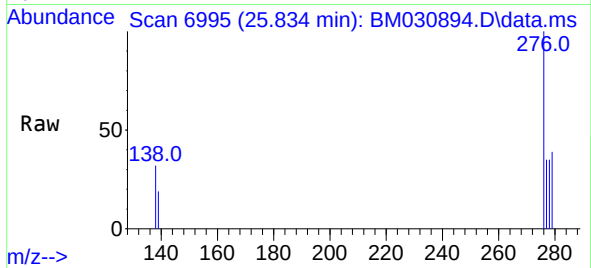
#26  
Benzo(a)pyrene  
Concen: 0.142 ng/ul  
RT: 23.450 min Scan# 6011  
Delta R.T. -0.019 min  
Lab File: BM030894.D  
Acq: 08 Jul 2021 20:50

Tgt Ion:252 Resp: 2914  
Ion Ratio Lower Upper  
252 100  
253 49.2 22.0 33.0#  
125 30.2 13.4 20.2#

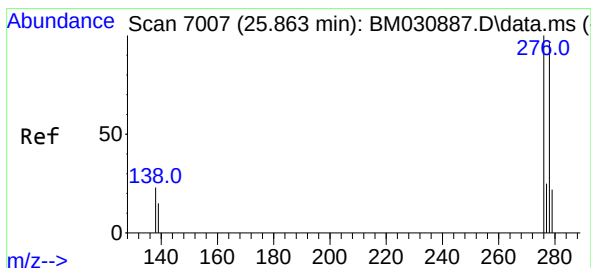
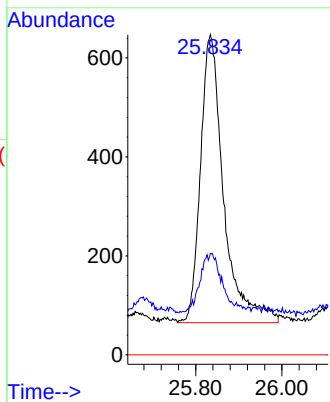
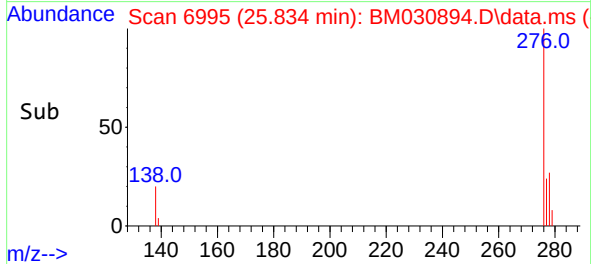




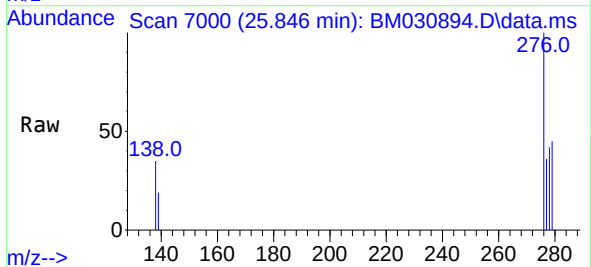
#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.081 ng/ul  
RT: 25.834 min Scan# 6995  
Delta R.T. -0.019 min  
Lab File: BM030894.D  
Acq: 08 Jul 2021 20:50



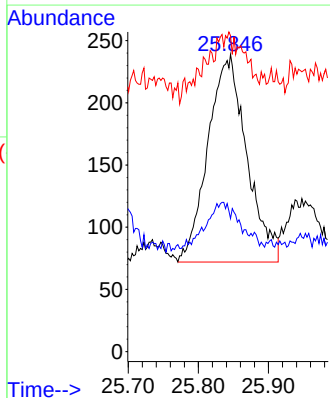
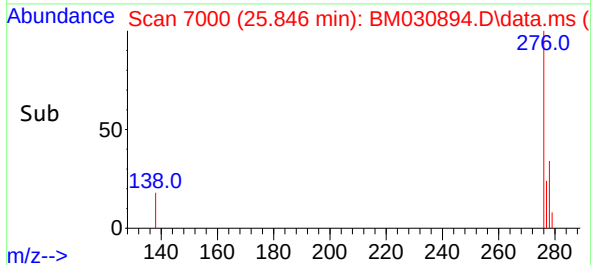
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Ion Ratio Lower Upper  
276 100  
138 20.0 19.1 28.7  
227 0.0 0.0 0.0



#28  
Dibenzo(a,h)anthracene  
Concen: 0.030 ng/ul  
RT: 25.846 min Scan# 7000  
Delta R.T. -0.022 min  
Lab File: BM030894.D  
Acq: 08 Jul 2021 20:50



Tgt Ion:278 Resp: 641  
Ion Ratio Lower Upper  
278 100  
139 44.8 14.2 21.4#  
279 106.3 21.6 32.4#

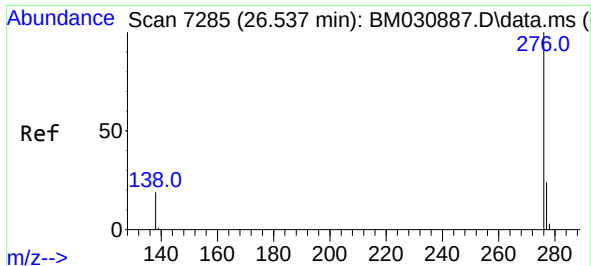


Instrument :  
BNA\_M  
ClientSampled :  
BGDR3

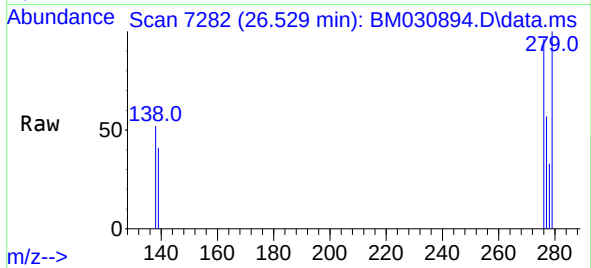
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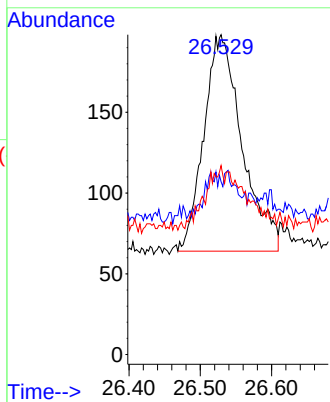
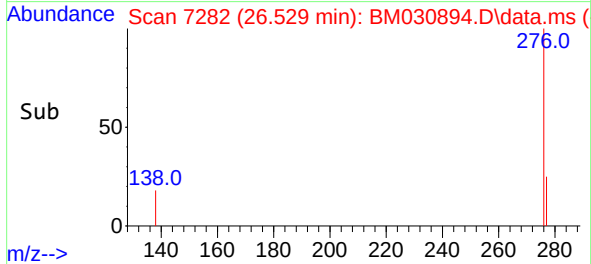




#29  
Benzo(g,h,i)perylene  
Concen: 0.022 ng/ul  
RT: 26.529 min Scan# 7282  
Delta R.T. -0.010 min  
Lab File: BM030894.D  
Acq: 08 Jul 2021 20:50



Tgt Ion: 276 Resp: 500  
Ion Ratio Lower Upper  
276 100  
138 54.0 18.0 27.0#  
277 59.1 19.5 29.3#



Instrument :  
BNA\_M  
ClientSampleId :  
BGDR3

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