

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080221\  
 Data File : BM031439.D  
 Acq On : 04 Aug 2021 08:34  
 Operator : CG/JU  
 Sample : M3122-20  
 Misc :  
 ALS Vial : 69 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGEW9

Manual Integrations  
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Quant Time: Aug 04 09:21:51 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM072821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 03 13:47:07 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.594  | 152  | 1031     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.356 | 136  | 3774     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.224 | 164  | 2232     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.975 | 188  | 4396     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.169 | 240  | 3491     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.329 | 264  | 3424     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.193  | 96   | 3018     | 2.636 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.953 | 152  | 1002     | 0.158 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.005 | 212  | 1883     | 0.162 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.017 | 178  | 386      | 0.028 | ng/ul# | 71       |
| 19) Fluoranthene            | 19.035 | 202  | 1106     | 0.074 | ng/ul# | 82       |
| 20) Pyrene                  | 19.398 | 202  | 528m     | 0.035 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.154 | 228  | 440      | 0.031 | ng/ul# | 72       |
| 22) Chrysene                | 21.205 | 228  | 606      | 0.042 | ng/ul# | 83       |
| 24) Benzo(b)fluoranthene    | 22.687 | 252  | 879m     | 0.057 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.723 | 252  | 405m     | 0.025 | ng/ul  |          |
| -----                       |        |      |          |       |        |          |

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

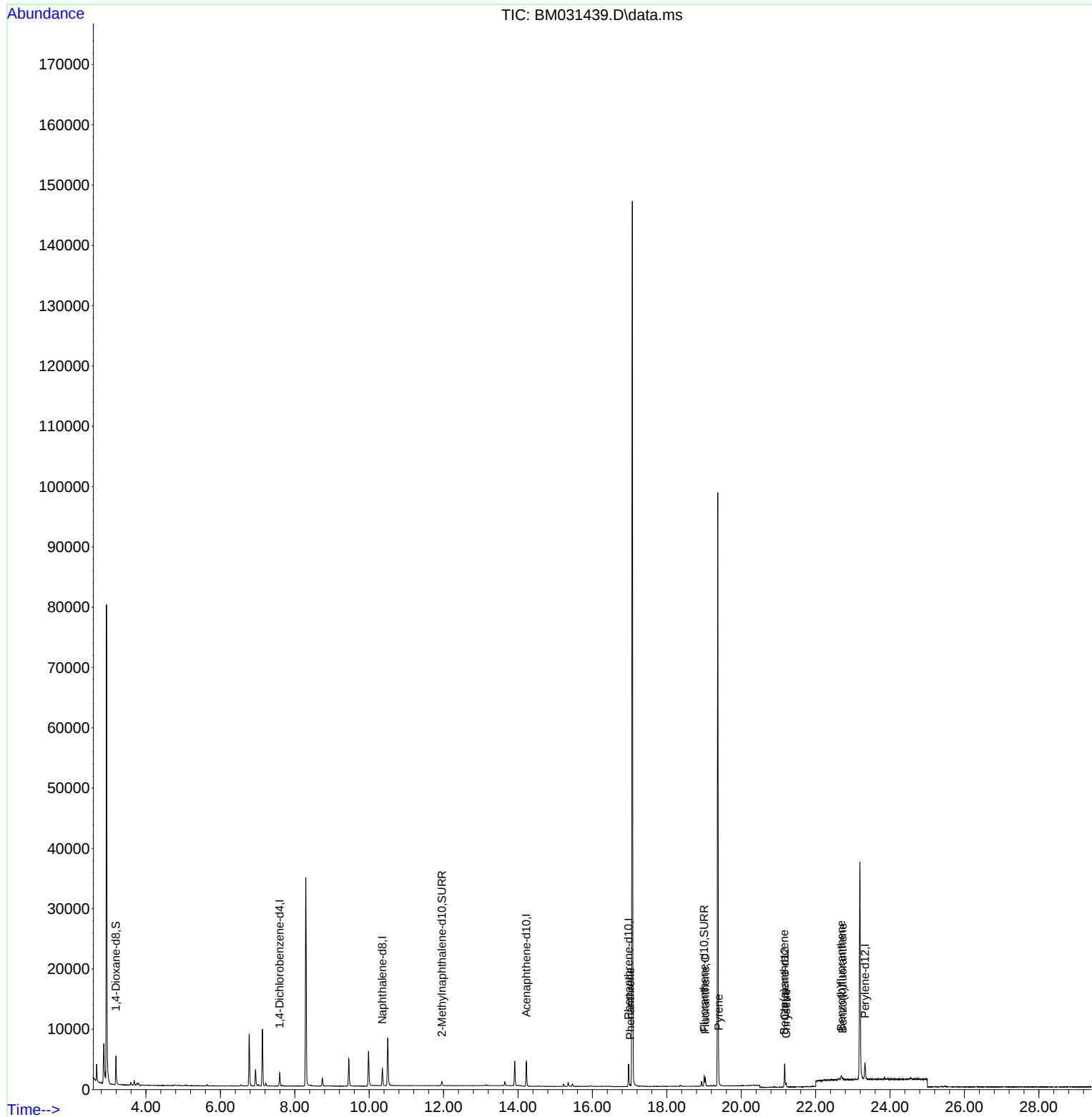
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080221\  
Data File : BM031439.D  
Acq On : 04 Aug 2021 08:34  
Operator : CG/JU  
Sample : M3122-20  
Misc :  
ALS Vial : 69 Sample Multiplier: 1

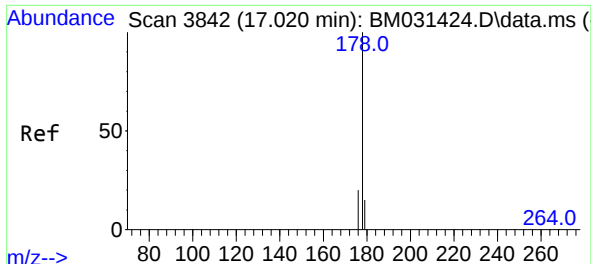
Instrument :  
BNA\_M  
ClientSampleId :  
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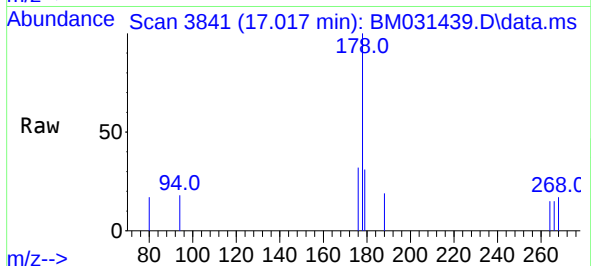
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM072821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 03 13:47:07 2021  
Response via : Initial Calibration





#15  
Phenanthrene  
Concen: 0.028 ng/ul  
RT: 17.017 min Scan# 3841  
Delta R.T. -0.003 min  
Lab File: BM031439.D  
Acq: 04 Aug 2021 08:34

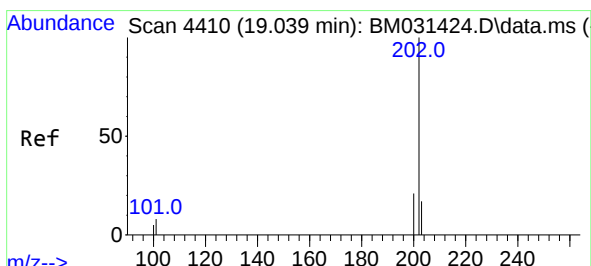
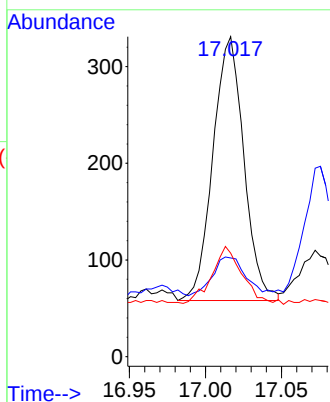
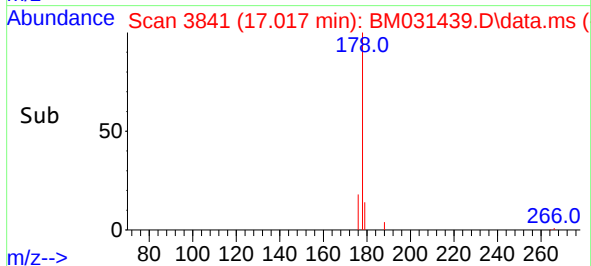
Instrument :  
BNA\_M  
ClientSampled :  
BGEW9



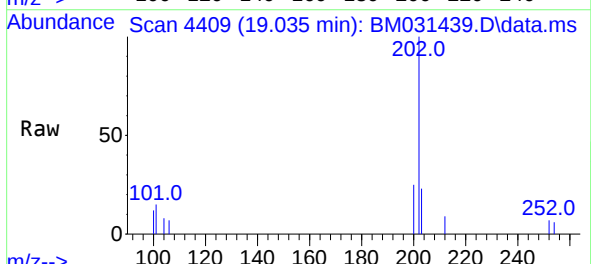
Tgt Ion:178 Resp: 386  
Ion Ratio Lower Upper  
178 100  
179 30.8 13.3 19.9#  
176 32.3 16.2 24.4#

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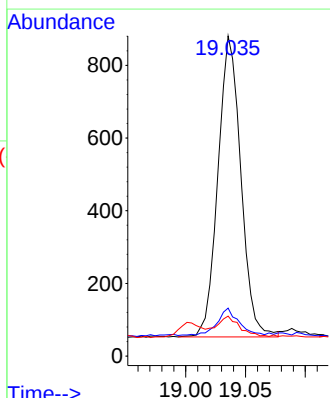
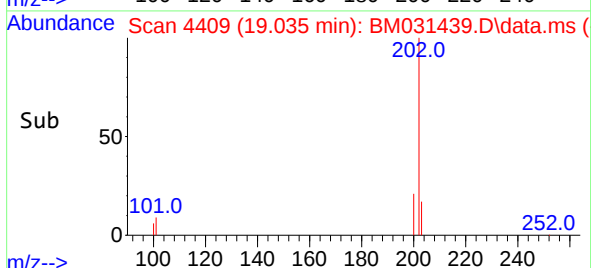
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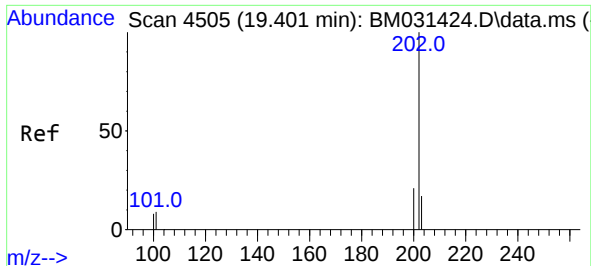


#19  
Fluoranthene  
Concen: 0.074 ng/ul  
RT: 19.035 min Scan# 4409  
Delta R.T. -0.007 min  
Lab File: BM031439.D  
Acq: 04 Aug 2021 08:34



Tgt Ion:202 Resp: 1106  
Ion Ratio Lower Upper  
202 100  
101 15.0 6.6 10.0#  
100 12.5 5.4 8.0#





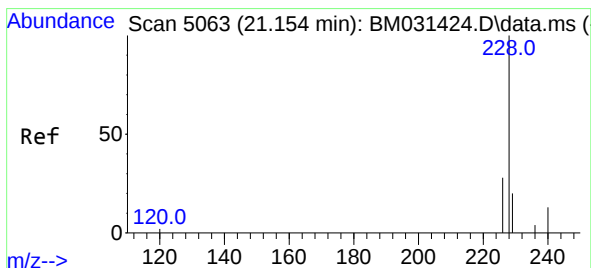
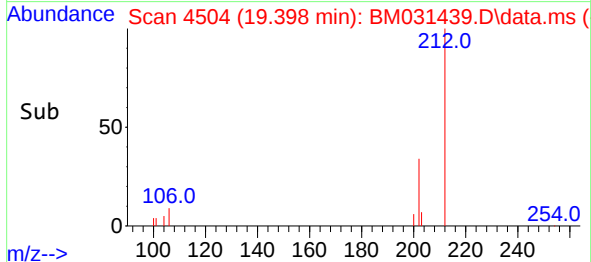
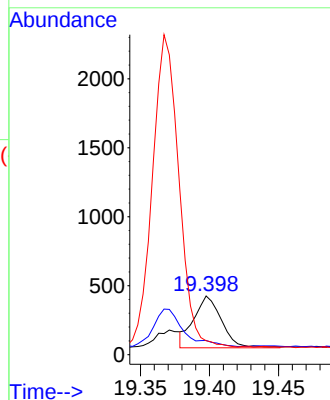
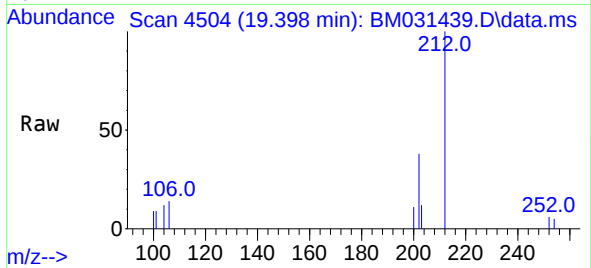
#20  
Pyrene  
Concen: 0.035 ng/ul m  
RT: 19.398 min Scan# 4504  
Delta R.T. -0.007 min  
Lab File: BM031439.D  
Acq: 04 Aug 2021 08:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 528   |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 24.2  | 7.8   | 11.6# |
| 100       | 23.7  | 6.6   | 10.0# |

Instrument :  
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ClientSampleId :  
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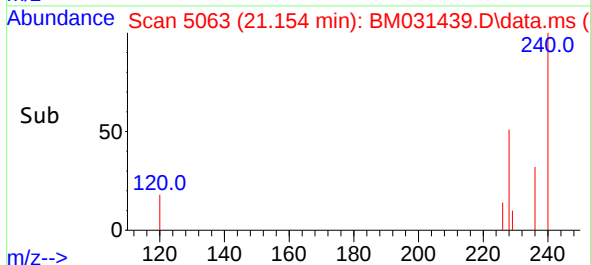
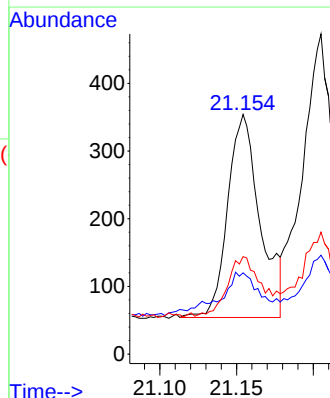
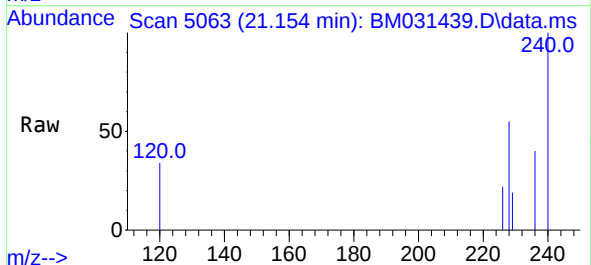
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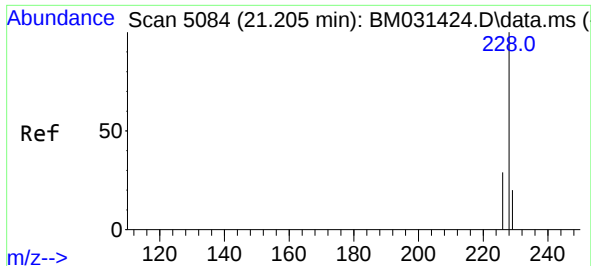
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#21  
Benzo(a)anthracene  
Concen: 0.031 ng/ul  
RT: 21.154 min Scan# 5063  
Delta R.T. -0.002 min  
Lab File: BM031439.D  
Acq: 04 Aug 2021 08:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 440   |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 229       | 33.9  | 15.6  | 23.4# |
| 226       | 40.7  | 21.7  | 32.5# |





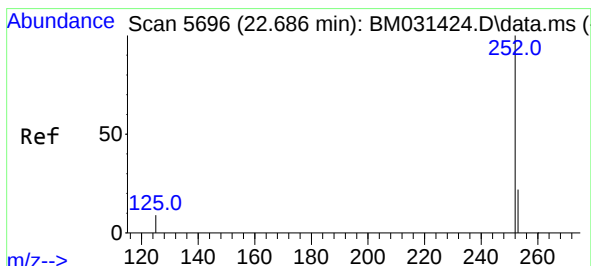
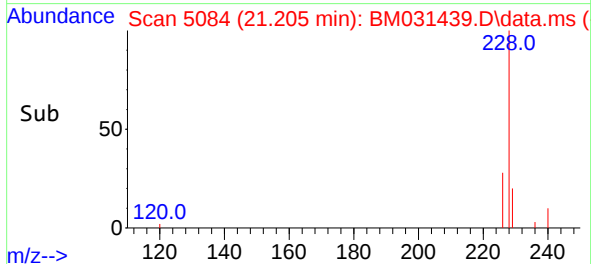
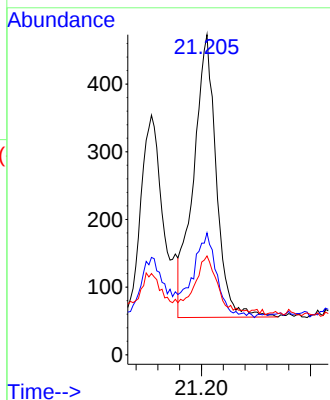
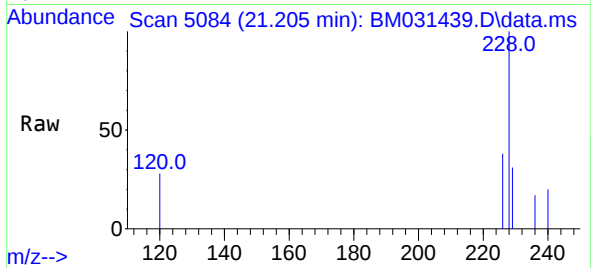
#22  
Chrysene  
Concen: 0.042 ng/ul  
RT: 21.205 min Scan# 5084  
Delta R.T. -0.002 min  
Lab File: BM031439.D  
Acq: 04 Aug 2021 08:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 228   | Resp: | 606   |
| Ion      | Ratio | Lower | Upper |
| 228      | 100   |       |       |
| 226      | 38.1  | 24.7  | 37.1# |
| 229      | 30.9  | 16.2  | 24.2# |

Instrument :  
BNA\_M  
ClientSampled :  
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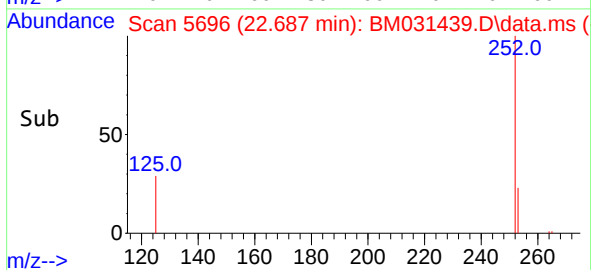
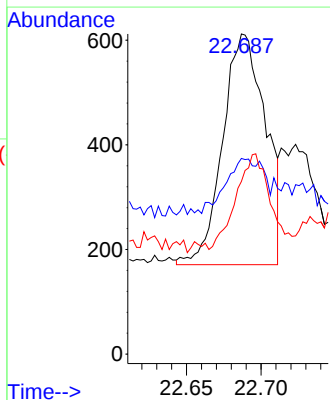
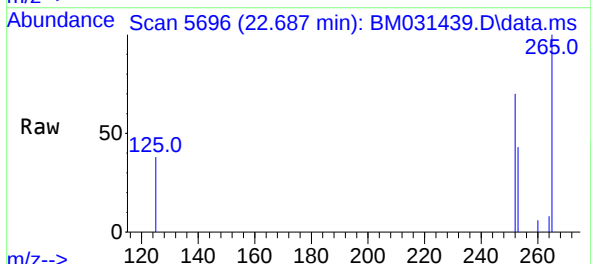
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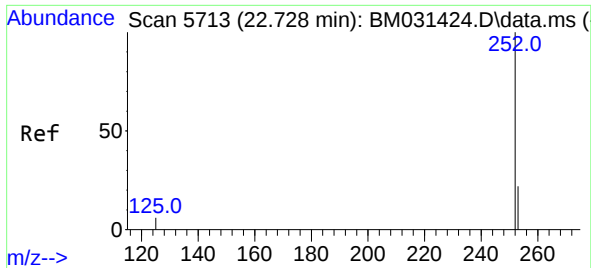
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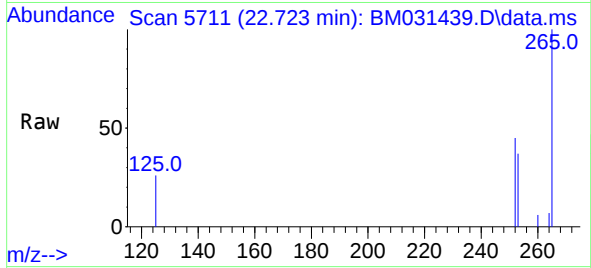
#24  
Benzo(b)fluoranthene  
Concen: 0.057 ng/ul m  
RT: 22.687 min Scan# 5696  
Delta R.T. -0.002 min  
Lab File: BM031439.D  
Acq: 04 Aug 2021 08:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 879   |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 61.1  | 0.0   | 53.0# |
| 125      | 53.9  | 0.0   | 22.8# |

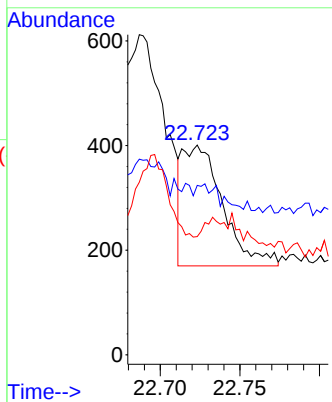
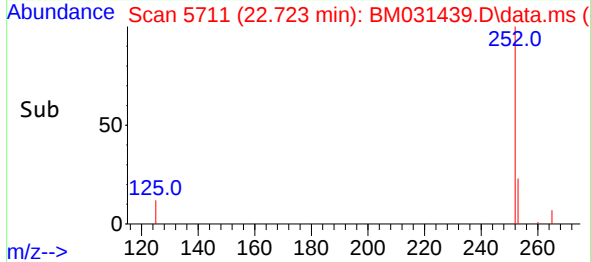




#25  
Benzo(k)fluoranthene  
Concen: 0.025 ng/ul m  
RT: 22.723 min Scan# 5711  
Delta R.T. -0.009 min  
Lab File: BM031439.D  
Acq: 04 Aug 2021 08:34



Tgt Ion:252 Resp: 405  
Ion Ratio Lower Upper  
252 100  
253 80.8 21.3 31.9#  
125 56.4 8.8 13.2#



Instrument :  
BNA\_M  
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