

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062421\  
 Data File : BM030584.D  
 Acq On : 24 Jun 2021 20:29  
 Operator : CG/JU  
 Sample : M2662-20  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGD92

Manual Integrations  
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Quant Time: Jun 25 02:26:57 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM062321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 24 12:48:41 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.798  | 152  | 3441     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.585 | 136  | 13886    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.424 | 164  | 8487     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.162 | 188  | 17171    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.330 | 240  | 14896    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.585 | 264  | 14060    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.279  | 96   | 9283     | 2.522 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.178 | 152  | 3385     | 0.152 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.184 | 212  | 8503     | 0.186 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.635 | 128  | 1966     | 0.048 | ng/ul# | 87       |
| 15) Phenanthrene            | 17.204 | 178  | 4906     | 0.080 | ng/ul# | 92       |
| 16) Anthracene              | 17.294 | 178  | 1377     | 0.026 | ng/ul# | 70       |
| 19) Fluoranthene            | 19.214 | 202  | 10153    | 0.148 | ng/ul  | 97       |
| 20) Pyrene                  | 19.576 | 202  | 6270m    | 0.089 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.314 | 228  | 5091     | 0.086 | ng/ul# | 91       |
| 22) Chrysene                | 21.364 | 228  | 3831     | 0.058 | ng/ul# | 90       |
| 24) Benzo(b)fluoranthene    | 22.907 | 252  | 4705m    | 0.077 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.951 | 252  | 1971m    | 0.031 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.488 | 252  | 1427     | 0.026 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

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

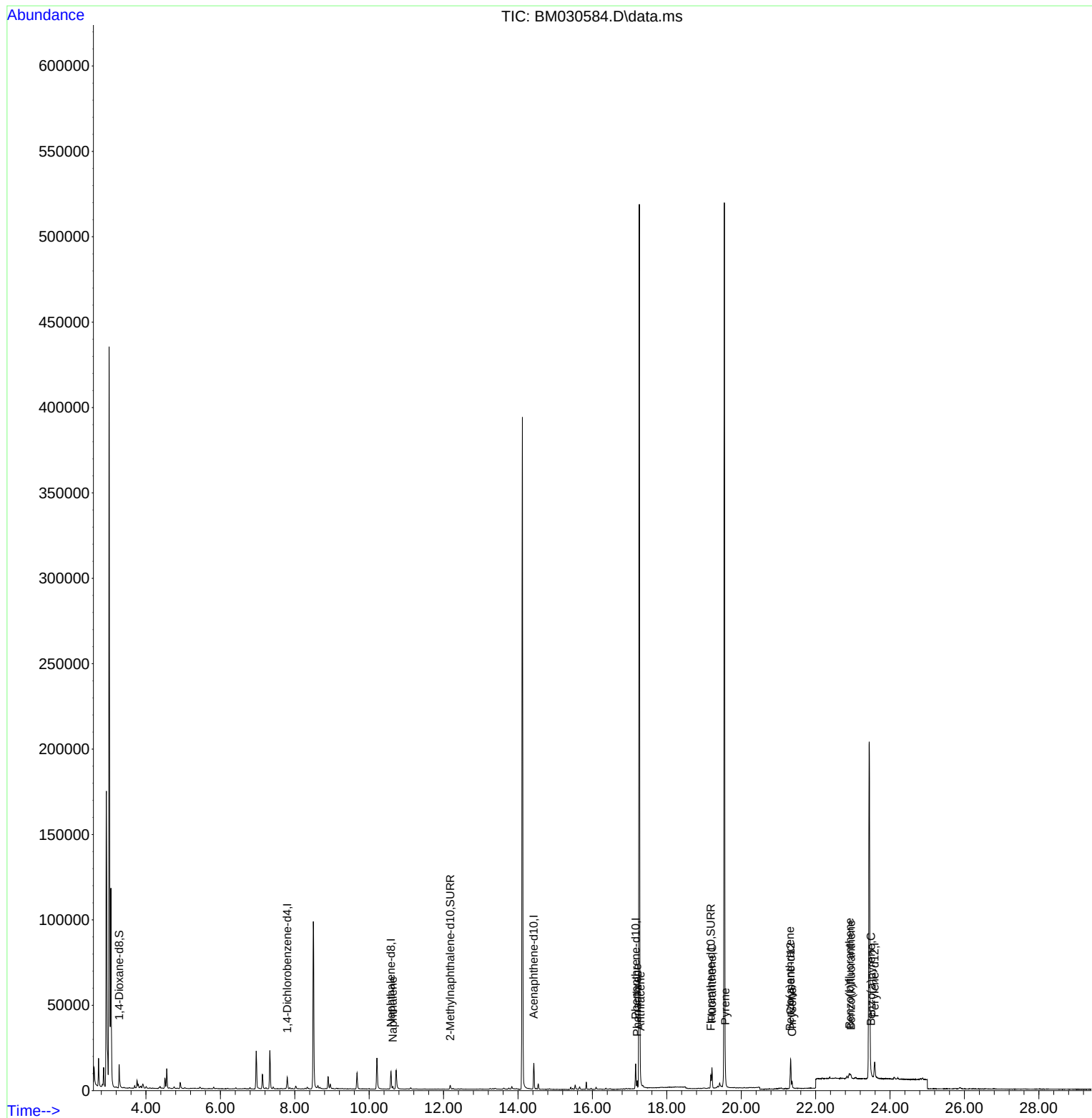
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062421\  
Data File : BM030584.D  
Acq On : 24 Jun 2021 20:29  
Operator : CG/JU  
Sample : M2662-20  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

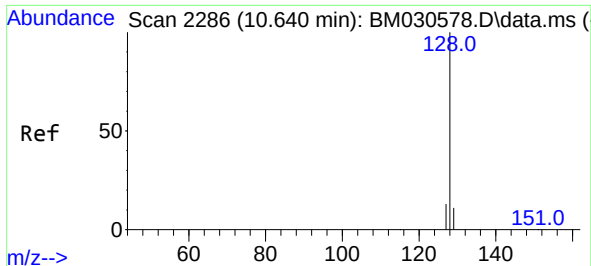
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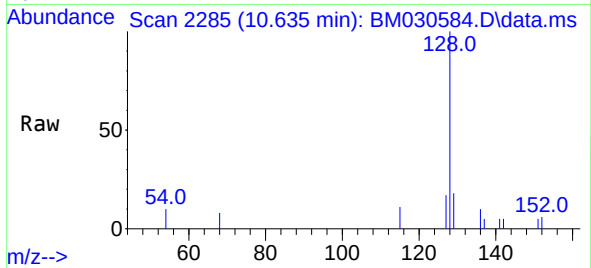
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Quant Time: Jun 25 02:26:57 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM062321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 24 12:48:41 2021  
Response via : Initial Calibration

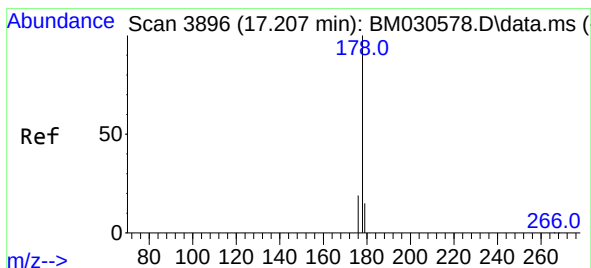
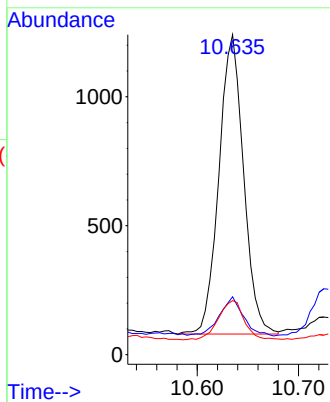
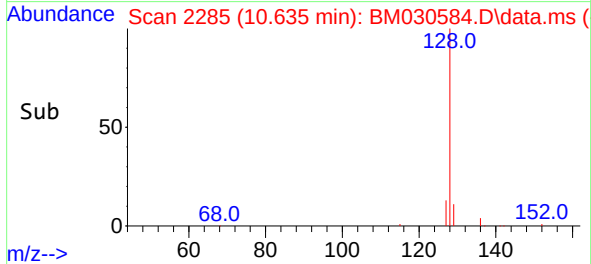




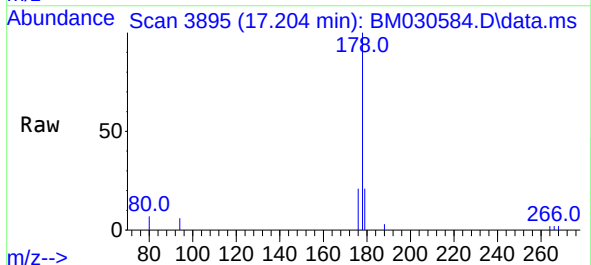
#5  
Naphthalene  
Concen: 0.048 ng/ul  
RT: 10.635 min Scan# 2285  
Delta R.T. -0.005 min  
Lab File: BM030584.D  
Acq: 24 Jun 2021 20:29



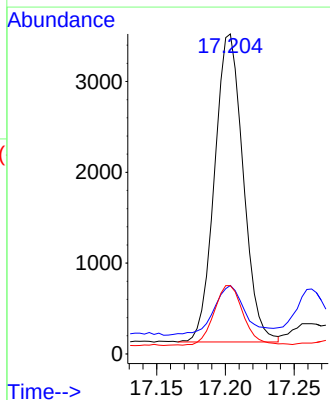
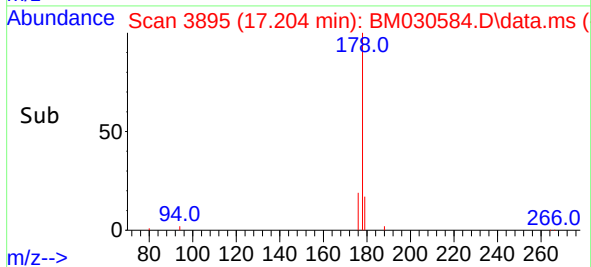
Tgt Ion:128 Resp: 1966  
Ion Ratio Lower Upper  
128 100  
129 18.1 9.0 13.6#  
127 16.9 10.9 16.3#



#15  
Phenanthrene  
Concen: 0.080 ng/ul  
RT: 17.204 min Scan# 3895  
Delta R.T. -0.004 min  
Lab File: BM030584.D  
Acq: 24 Jun 2021 20:29



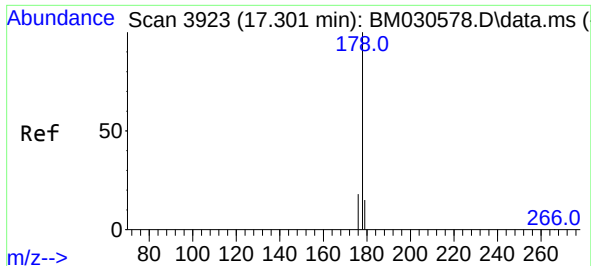
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Ion Ratio Lower Upper  
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179 21.4 12.6 19.0#  
176 21.3 15.5 23.3



Instrument :  
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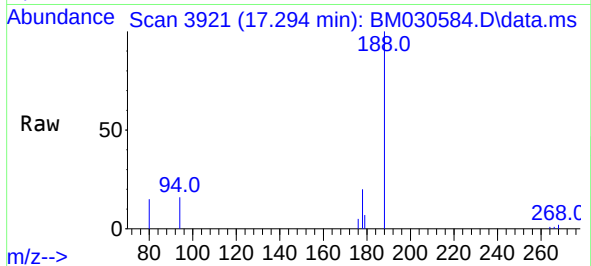
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#16  
 Anthracene  
 Concen: 0.026 ng/ul  
 RT: 17.294 min Scan# 3921  
 Delta R.T. -0.007 min  
 Lab File: BM030584.D  
 Acq: 24 Jun 2021 20:29

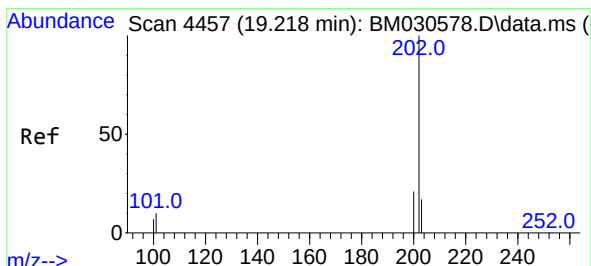
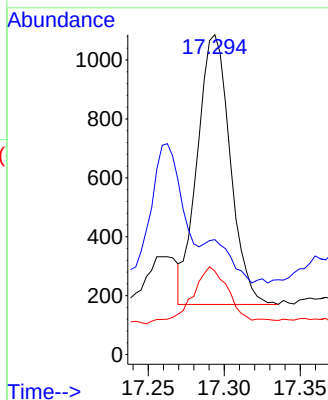
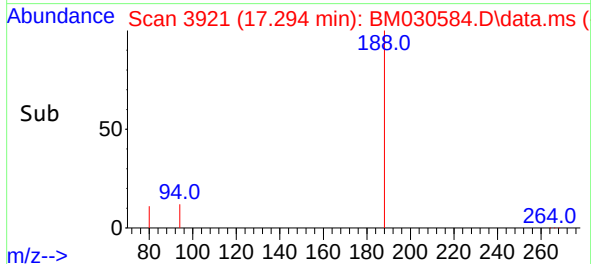
Instrument :  
 BNA\_M  
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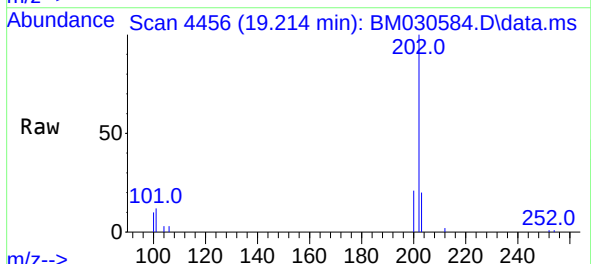
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 179 35.9 12.7 19.1#  
 176 26.1 15.2 22.8#

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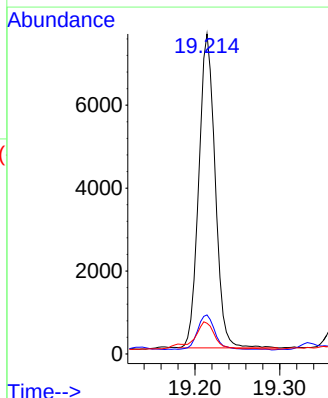
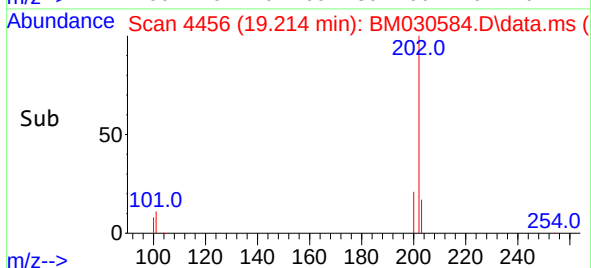
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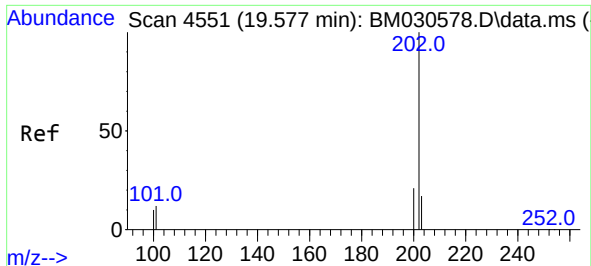


#19  
 Fluoranthene  
 Concen: 0.148 ng/ul  
 RT: 19.214 min Scan# 4456  
 Delta R.T. -0.004 min  
 Lab File: BM030584.D  
 Acq: 24 Jun 2021 20:29

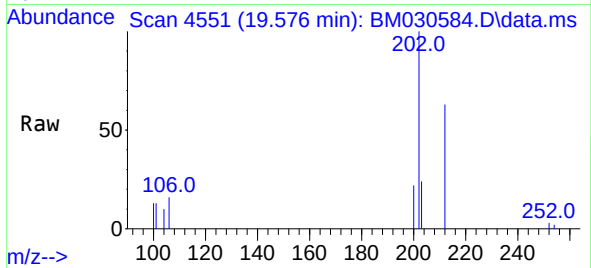


Tgt Ion:202 Resp: 10153  
 Ion Ratio Lower Upper  
 202 100  
 101 12.2 8.8 13.2  
 100 9.6 6.9 10.3

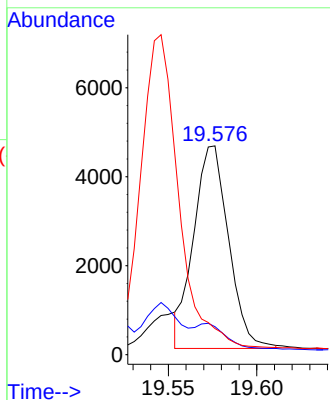




#20  
Pyrene  
Concen: 0.089 ng/ul m  
RT: 19.576 min Scan# 4551  
Delta R.T. -0.004 min  
Lab File: BM030584.D  
Acq: 24 Jun 2021 20:29



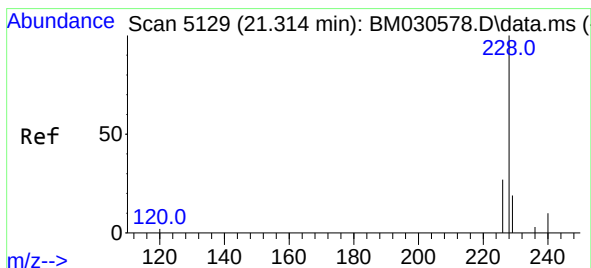
Tgt Ion:202 Resp: 6270  
Ion Ratio Lower Upper  
202 100  
101 13.4 10.1 15.1  
100 12.5 8.2 12.2#



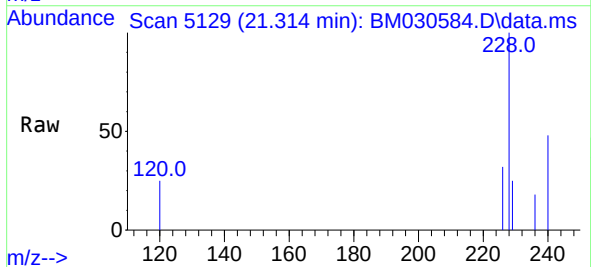
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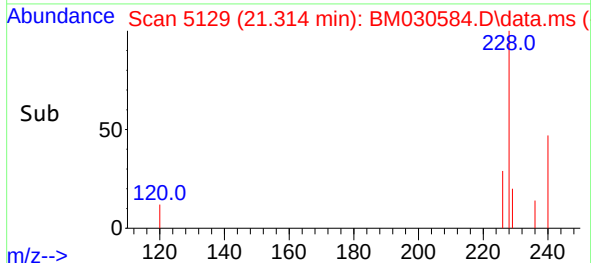
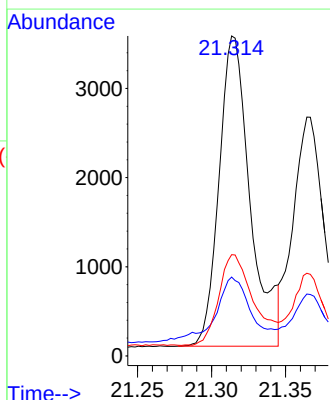
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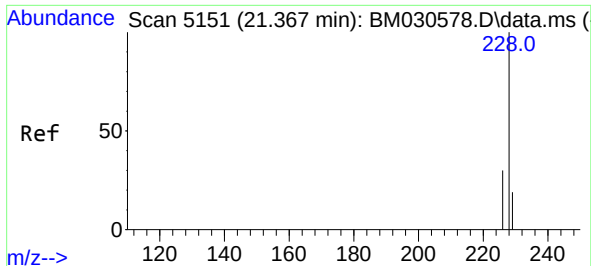


#21  
Benzo(a)anthracene  
Concen: 0.086 ng/ul  
RT: 21.314 min Scan# 5129  
Delta R.T. -0.003 min  
Lab File: BM030584.D  
Acq: 24 Jun 2021 20:29

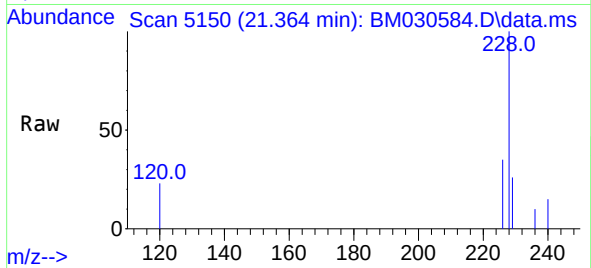


Tgt Ion:228 Resp: 5091  
Ion Ratio Lower Upper  
228 100  
229 24.6 15.8 23.6#  
226 31.7 22.2 33.4

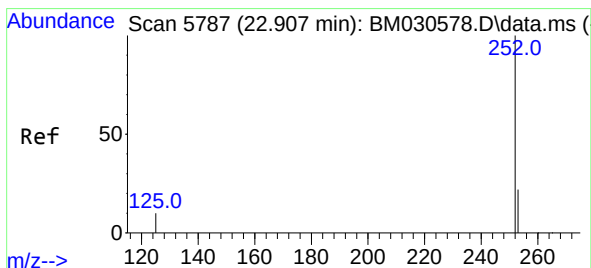
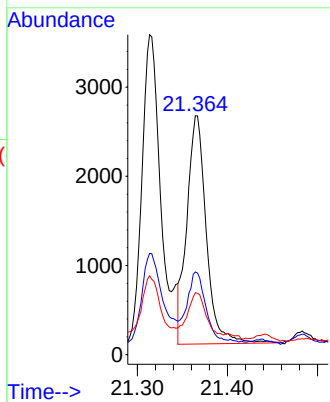
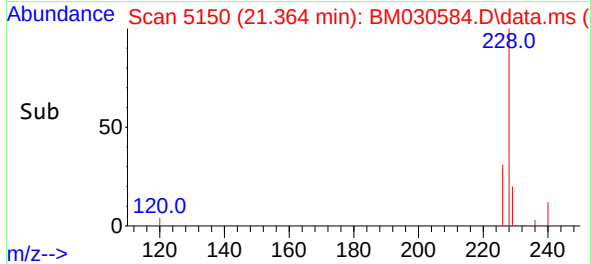




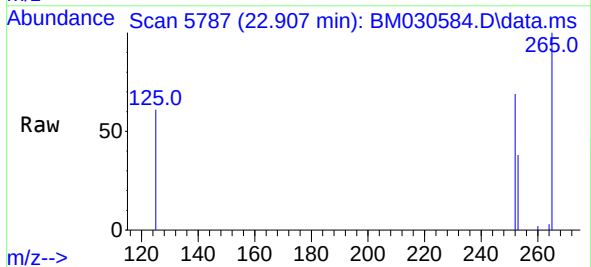
#22  
Chrysene  
Concen: 0.058 ng/ul  
RT: 21.364 min Scan# 5150  
Delta R.T. -0.003 min  
Lab File: BM030584.D  
Acq: 24 Jun 2021 20:29



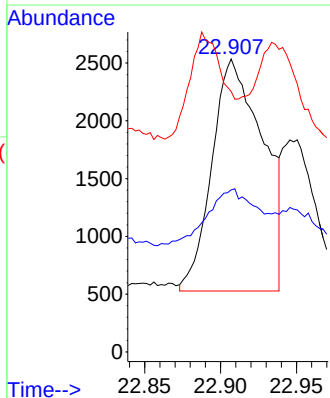
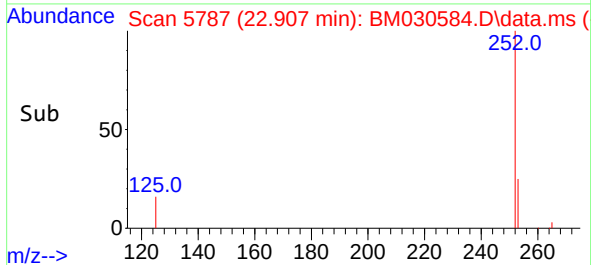
Tgt Ion:228 Resp: 3831  
Ion Ratio Lower Upper  
228 100  
226 34.6 24.4 36.6  
229 25.9 15.4 23.0#



#24  
Benzo(b)fluoranthene  
Concen: 0.077 ng/ul m  
RT: 22.907 min Scan# 5787  
Delta R.T. -0.000 min  
Lab File: BM030584.D  
Acq: 24 Jun 2021 20:29



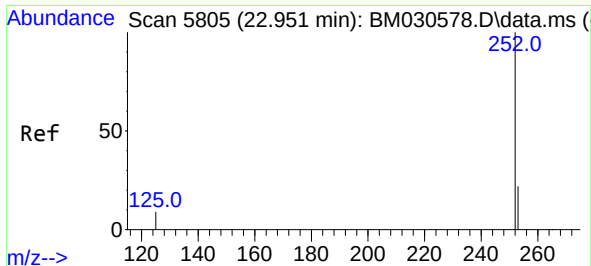
Tgt Ion:252 Resp: 4705  
Ion Ratio Lower Upper  
252 100  
253 55.3 0.0 50.2#  
125 88.9 0.0 27.8#



Instrument :  
BNA\_M  
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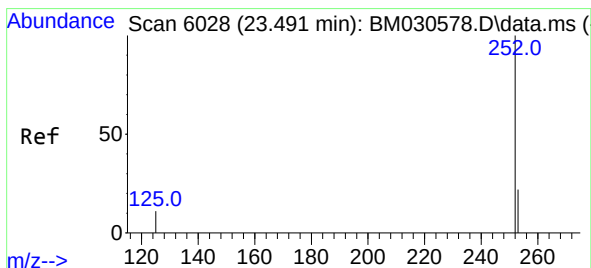
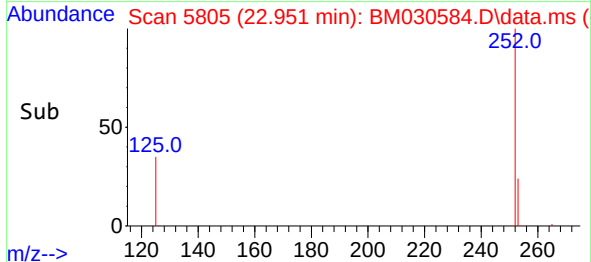
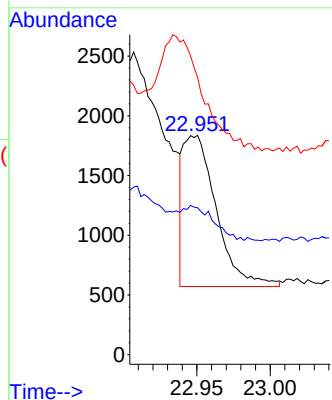
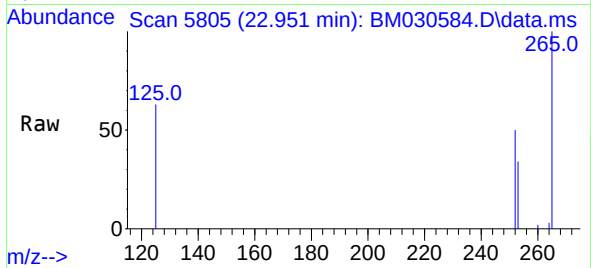
#25  
Benzo(k)fluoranthene  
Concen: 0.031 ng/ul m  
RT: 22.951 min Scan# 5805  
Delta R.T. -0.003 min  
Lab File: BM030584.D  
Acq: 24 Jun 2021 20:29

Tgt Ion:252 Resp: 1971  
Ion Ratio Lower Upper  
252 100  
253 67.0 20.6 31.0#  
125 126.4 11.0 16.4#

Instrument :  
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Manual Integrations  
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#26  
Benzo(a)pyrene  
Concen: 0.026 ng/ul  
RT: 23.488 min Scan# 6027  
Delta R.T. -0.003 min  
Lab File: BM030584.D  
Acq: 24 Jun 2021 20:29

Tgt Ion:252 Resp: 1427  
Ion Ratio Lower Upper  
252 100  
253 84.5 22.0 33.0#  
125 124.3 13.4 20.2#

