

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
 Data File : BM038309.D  
 Acq On : 25 Dec 2022 16:32  
 Operator : CG/JU  
 Sample : N6017-21DL 5X  
 Misc :  
 ALS Vial : 118 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Dec 25 23:56:17 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM122222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 24 05:23:31 2022  
 Response via : Initial Calibration

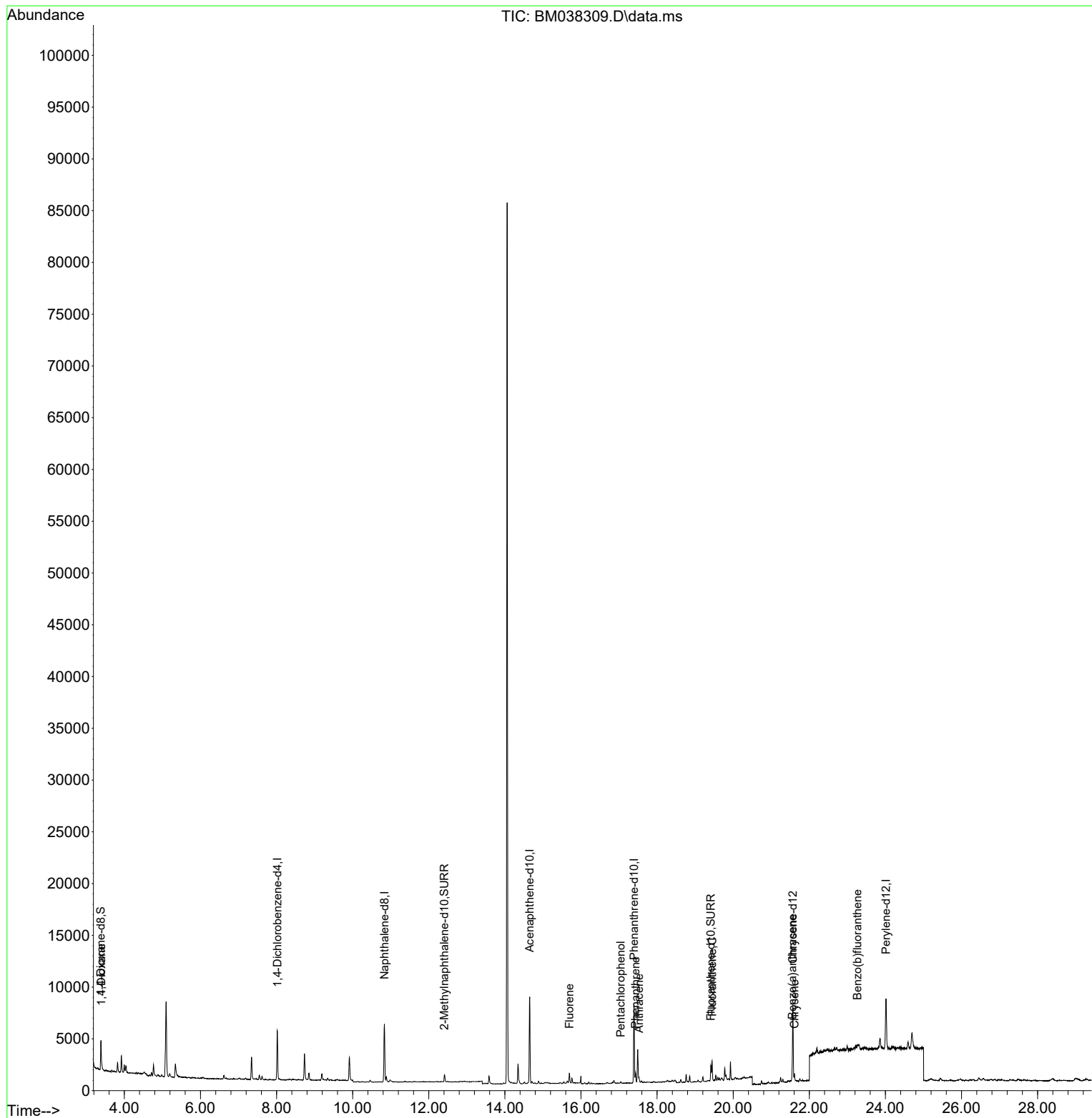
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.021  | 152  | 2425     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.834 | 136  | 7400     | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.652 | 164  | 4317     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.392 | 188  | 8770     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.568 | 240  | 6171     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.015 | 264  | 6377     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.385  | 96   | 1840     | 0.746 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.412 | 152  | 880      | 0.081 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.413 | 212  | 1550     | 0.067 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.393  | 88   | 110      | 0.045 | ng/ul# | 50       |
| 12) Fluorene                | 15.693 | 166  | 610      | 0.033 | ng/ul# | 86       |
| 14) Pentachlorophenol       | 17.046 | 266  | 119      | 0.027 | ng/ul# | 88       |
| 15) Phenanthrene            | 17.434 | 178  | 975      | 0.033 | ng/ul# | 75       |
| 16) Anthracene              | 17.527 | 178  | 598      | 0.021 | ng/ul# | 60       |
| 19) Fluoranthene            | 19.445 | 202  | 1607     | 0.048 | ng/ul# | 78       |
| 21) Benzo(a)anthracene      | 21.550 | 228  | 960      | 0.035 | ng/ul# | 71       |
| 22) Chrysene                | 21.609 | 228  | 652      | 0.025 | ng/ul# | 58       |
| 24) Benzo(b)fluoranthene    | 23.266 | 252  | 651      | 0.023 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

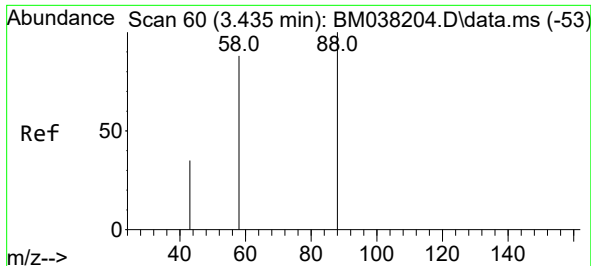
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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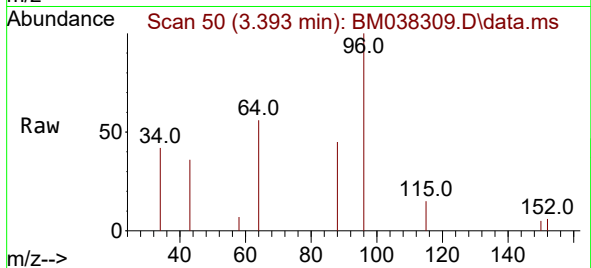
Quant Time: Dec 25 23:56:17 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM122222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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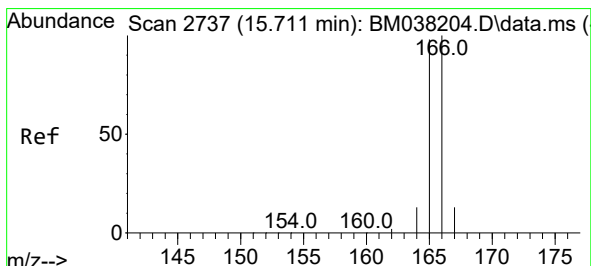
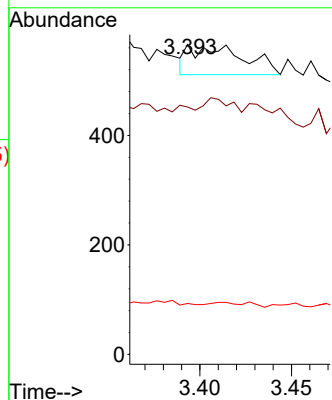
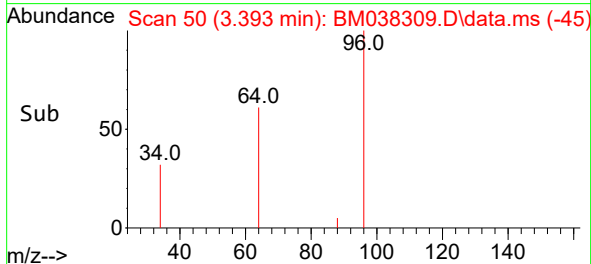


#2  
 1,4-Dioxane  
 Concen: 0.045 ng/ul  
 RT: 3.393 min Scan# 50  
 Delta R.T. -0.038 min  
 Lab File: BM038309.D  
 Acq: 25 Dec 2022 16:32

Instrument :  
 BNA\_M  
 ClientSampleId :

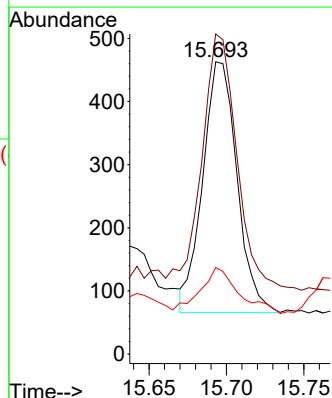
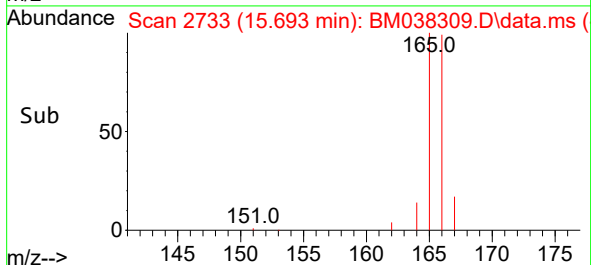
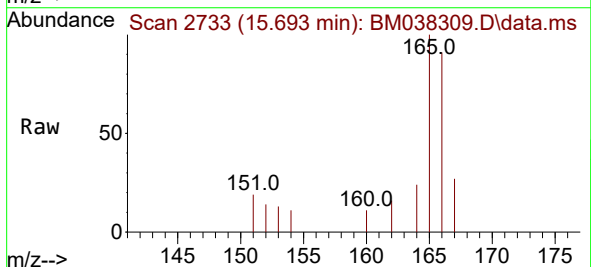


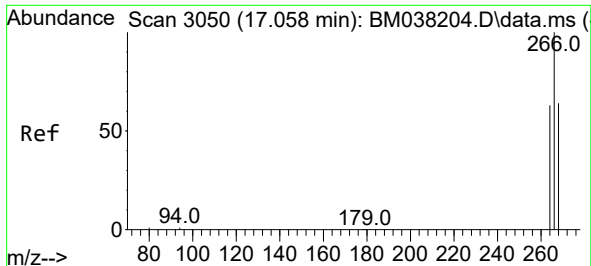
Tgt Ion: 88 Resp: 110  
 Ion Ratio Lower Upper  
 88 100  
 43 79.9 46.4 69.6#  
 58 16.4 56.9 85.3#



#12  
 Fluorene  
 Concen: 0.033 ng/ul  
 RT: 15.693 min Scan# 2733  
 Delta R.T. -0.009 min  
 Lab File: BM038309.D  
 Acq: 25 Dec 2022 16:32

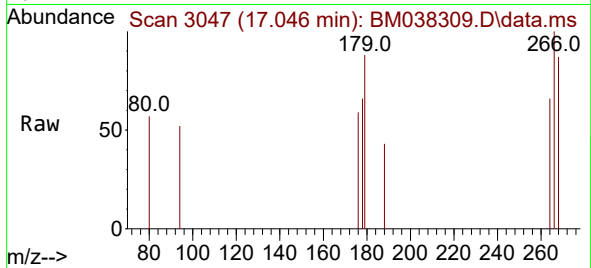
Tgt Ion: 166 Resp: 610  
 Ion Ratio Lower Upper  
 166 100  
 165 109.5 79.0 118.6  
 167 29.6 11.0 16.6#



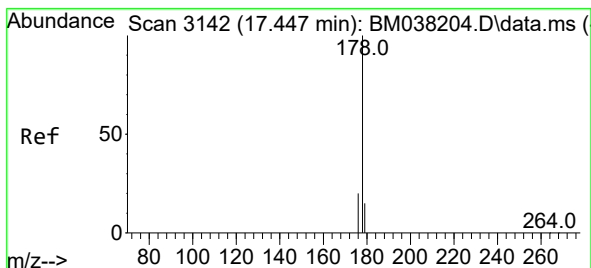
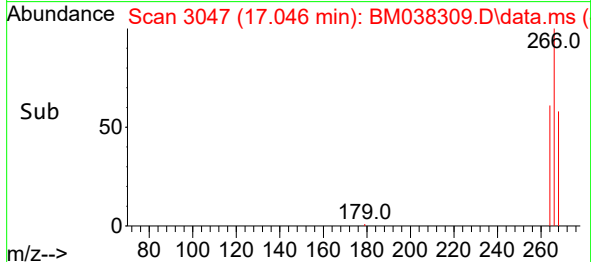
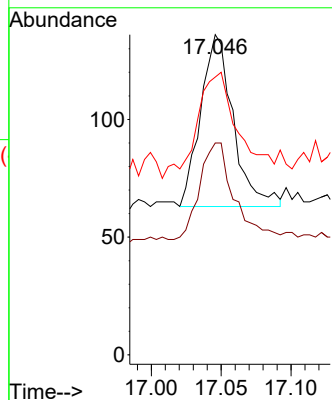


#14  
 Pentachlorophenol  
 Concen: 0.027 ng/ul  
 RT: 17.046 min Scan# 3050  
 Delta R.T. -0.004 min  
 Lab File: BM038309.D  
 Acq: 25 Dec 2022 16:32

Instrument :  
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 ClientSampleId :

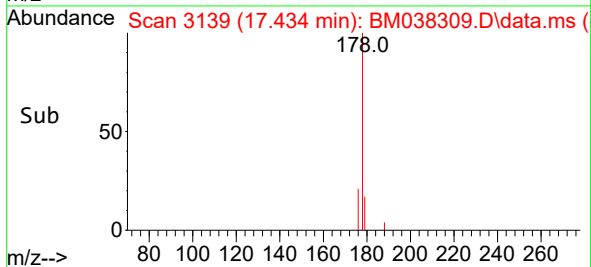
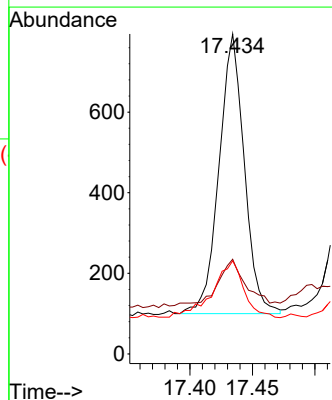
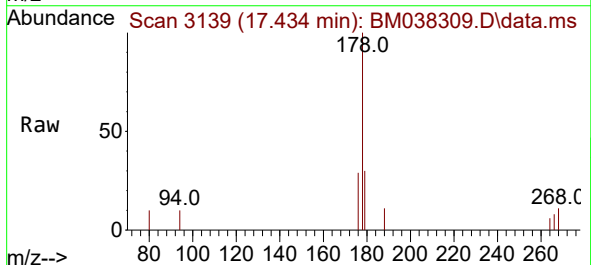


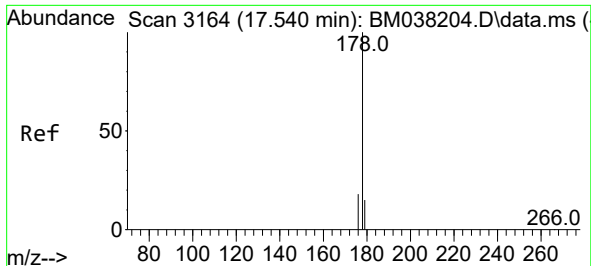
Tgt Ion:266 Resp: 119  
 Ion Ratio Lower Upper  
 266 100  
 264 62.2 49.9 74.9  
 268 82.4 51.2 76.8#



#15  
 Phenanthrene  
 Concen: 0.033 ng/ul  
 RT: 17.434 min Scan# 3139  
 Delta R.T. -0.004 min  
 Lab File: BM038309.D  
 Acq: 25 Dec 2022 16:32

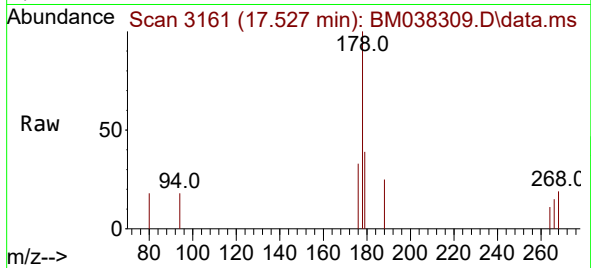
Tgt Ion:178 Resp: 975  
 Ion Ratio Lower Upper  
 178 100  
 179 29.6 13.0 19.4#  
 176 29.1 16.2 24.4#



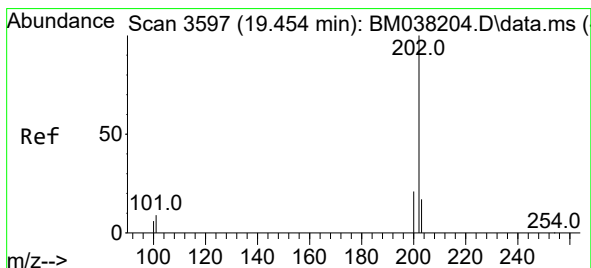
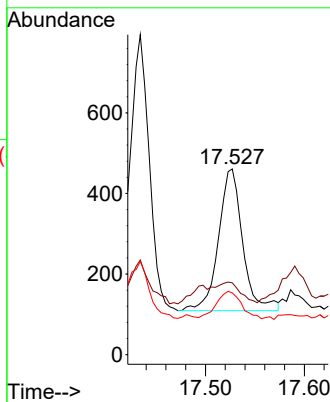
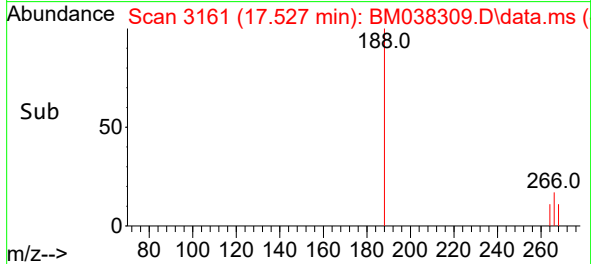


#16  
 Anthracene  
 Concen: 0.021 ng/ul  
 RT: 17.527 min Scan# 3161  
 Delta R.T. -0.004 min  
 Lab File: BM038309.D  
 Acq: 25 Dec 2022 16:32

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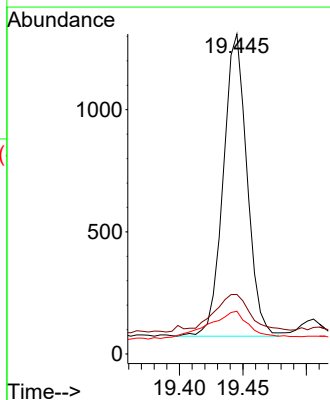
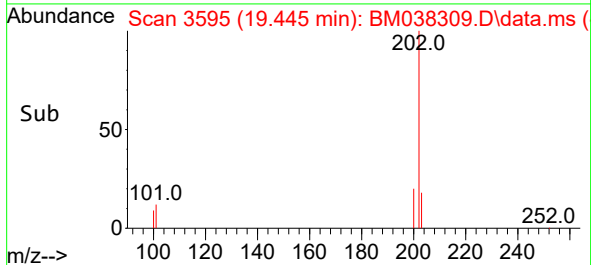
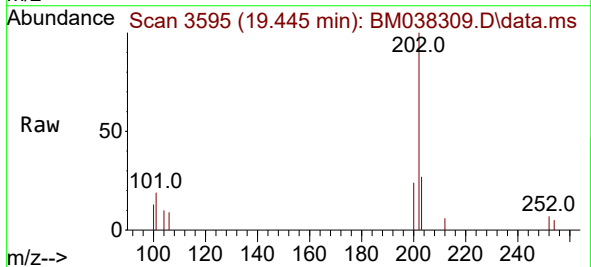


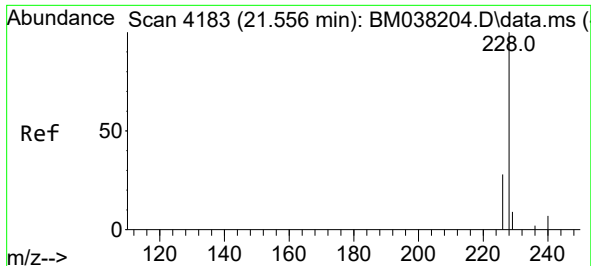
Tgt Ion:178 Resp: 598  
 Ion Ratio Lower Upper  
 178 100  
 179 38.6 13.0 19.6#  
 176 33.2 15.6 23.4#



#19  
 Fluoranthene  
 Concen: 0.048 ng/ul  
 RT: 19.445 min Scan# 3595  
 Delta R.T. -0.005 min  
 Lab File: BM038309.D  
 Acq: 25 Dec 2022 16:32

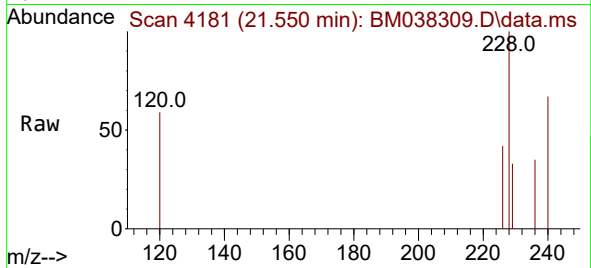
Tgt Ion:202 Resp: 1607  
 Ion Ratio Lower Upper  
 202 100  
 101 18.6 7.5 11.3#  
 100 13.4 5.6 8.4#



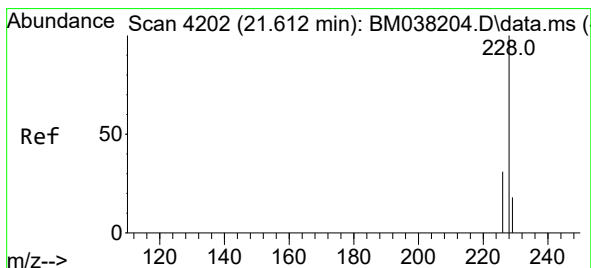
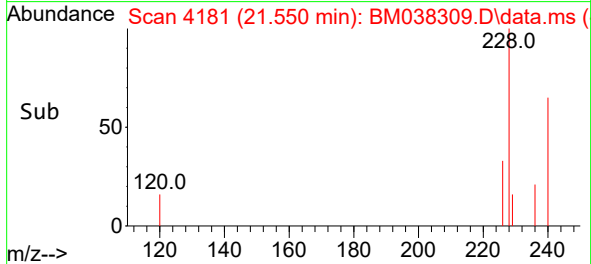
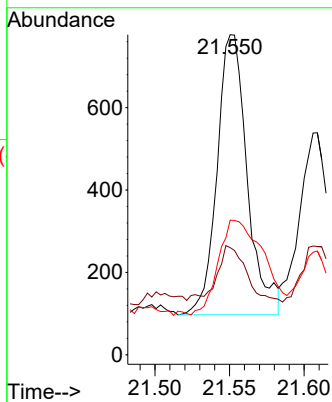


#21  
Benzo(a)anthracene  
Concen: 0.035 ng/ul  
RT: 21.550 min Scan# 4181  
Delta R.T. 0.000 min  
Lab File: BM038309.D  
Acq: 25 Dec 2022 16:32

Instrument :  
BNA\_M  
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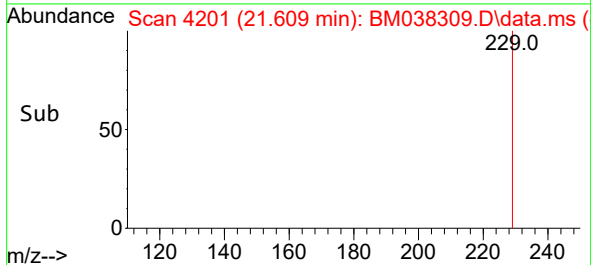
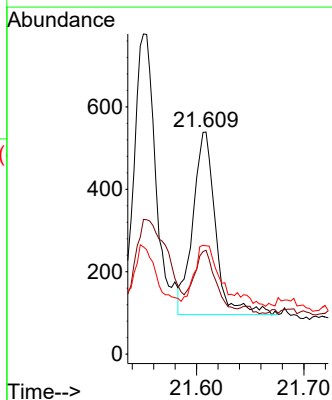
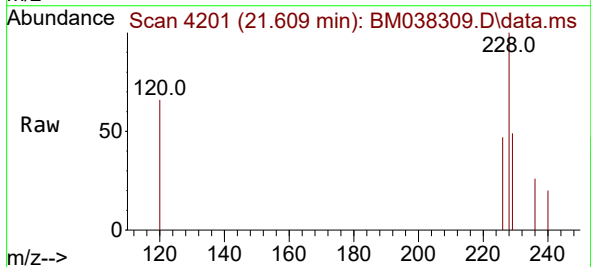


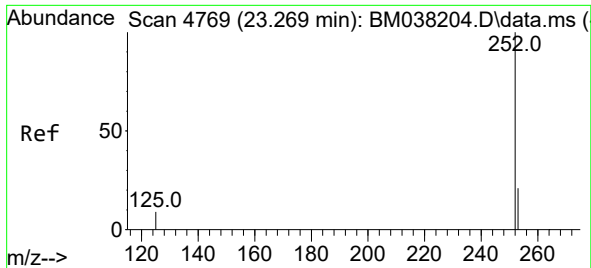
Tgt Ion:228 Resp: 960  
Ion Ratio Lower Upper  
228 100  
229 33.5 15.5 23.3#  
226 42.1 22.2 33.2#



#22  
Chrysene  
Concen: 0.025 ng/ul  
RT: 21.609 min Scan# 4201  
Delta R.T. 0.003 min  
Lab File: BM038309.D  
Acq: 25 Dec 2022 16:32

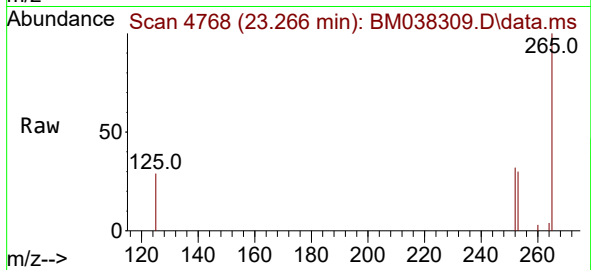
Tgt Ion:228 Resp: 652  
Ion Ratio Lower Upper  
228 100  
226 46.8 25.0 37.4#  
229 48.8 16.0 24.0#





#24  
Benzo(b)fluoranthene  
Concen: 0.023 ng/ul  
RT: 23.266 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: BM038309.D  
Acq: 25 Dec 2022 16:32

Instrument :  
BNA\_M  
ClientSampleId :



Tgt Ion:252 Resp: 651  
Ion Ratio Lower Upper  
252 100  
253 94.7 0.0 56.0#  
125 89.9 0.0 36.6#

