

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121922\  
 Data File : BM038107.D  
 Acq On : 19 Dec 2022 17:57  
 Operator : CG/JU  
 Sample : N6006-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXV9

Quant Time: Dec 19 23:23:38 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 17 05:21:07 2022  
 Response via : Initial Calibration

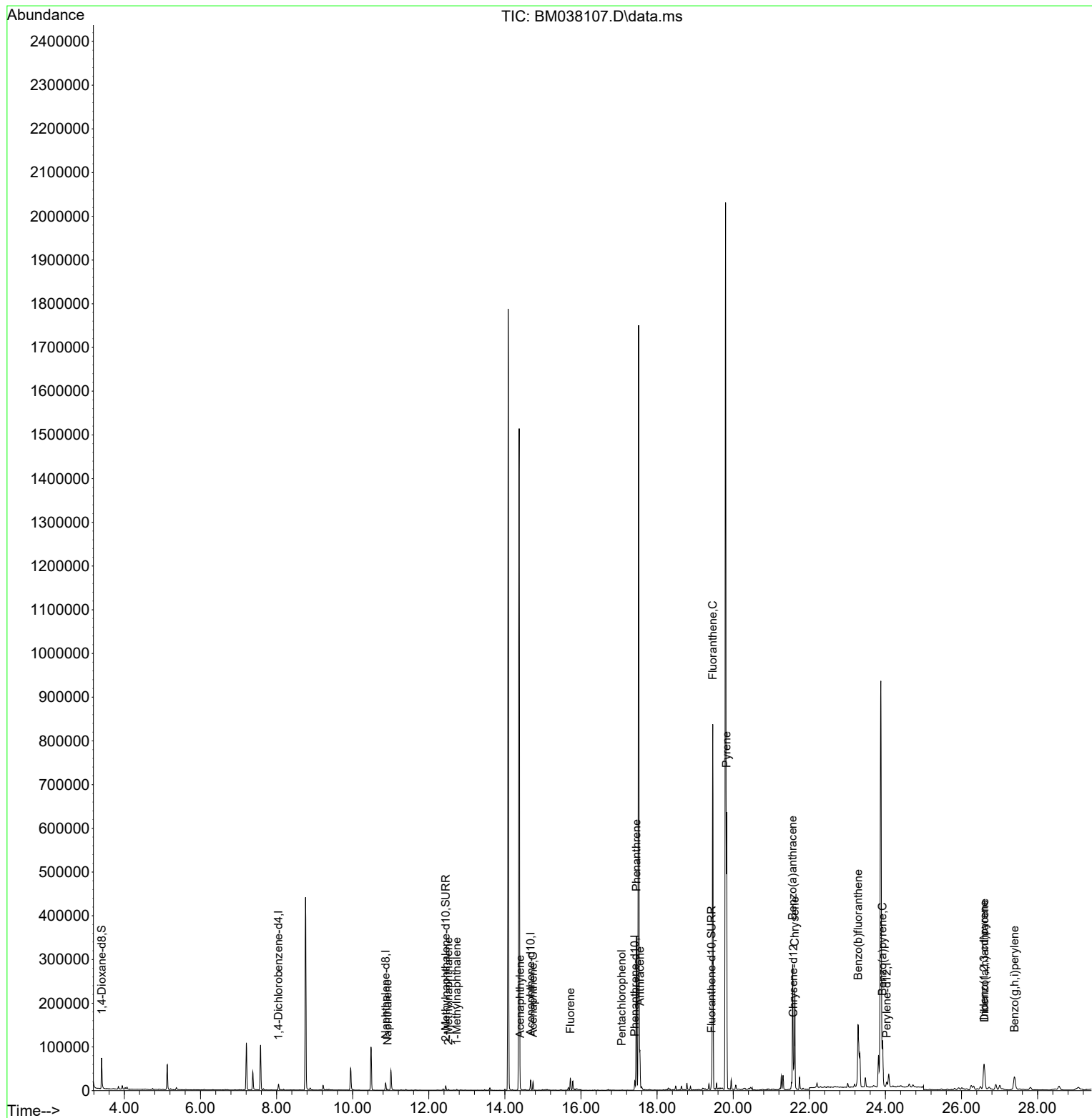
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.051  | 152  | 6556     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.867 | 136  | 21526    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.675 | 164  | 12208    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.413 | 188  | 24466    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.580 | 240  | 16471    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.032 | 264  | 14909    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.406  | 96   | 44996    | 5.021 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.445 | 152  | 12360    | 0.393 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.431 | 212  | 23898    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.917 | 128  | 2455     | 0.038 | ng/ul# | 90       |
| 7) 2-Methylnaphthalene      | 12.517 | 142  | 1176     | 0.029 | ng/ul  | 92       |
| 8) 1-Methylnaphthalene      | 12.737 | 142  | 1144     | 0.028 | ng/ul  | 96       |
| 10) Acenaphthylene          | 14.402 | 152  | 3399     | 0.053 | ng/ul# | 90       |
| 11) Acenaphthene            | 14.740 | 153  | 10618    | 0.219 | ng/ul  | 98       |
| 12) Fluorene                | 15.721 | 166  | 15934    | 0.296 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.067 | 266  | 313      | 0.031 | ng/ul  | 94       |
| 15) Phenanthrene            | 17.455 | 178  | 355203   | 4.311 | ng/ul  | 99       |
| 16) Anthracene              | 17.548 | 178  | 85485    | 1.122 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.464 | 202  | 691220   | 8.125 | ng/ul  | 94       |
| 20) Pyrene                  | 19.826 | 202  | 479078   | 5.516 | ng/ul  | 94       |
| 21) Benzo(a)anthracene      | 21.562 | 228  | 235537   | 3.310 | ng/ul  | 100      |
| 22) Chrysene                | 21.618 | 228  | 215659   | 3.004 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.281 | 252  | 253538   | 3.586 | ng/ul  | 90       |
| 26) Benzo(a)pyrene          | 23.924 | 252  | 143744   | 2.414 | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.592 | 276  | 99135    | 1.326 | ng/ul# | 82       |
| 28) Dibenzo(a,h)anthracene  | 26.602 | 278  | 25658    | 0.441 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.394 | 276  | 68204    | 1.074 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

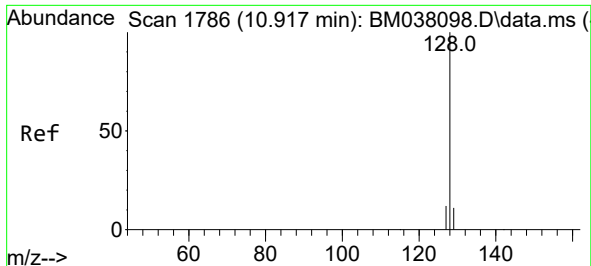
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121922\  
Data File : BM038107.D  
Acq On : 19 Dec 2022 17:57  
Operator : CG/JU  
Sample : N6006-06  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBXV9

Quant Time: Dec 19 23:23:38 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 17 05:21:07 2022  
Response via : Initial Calibration

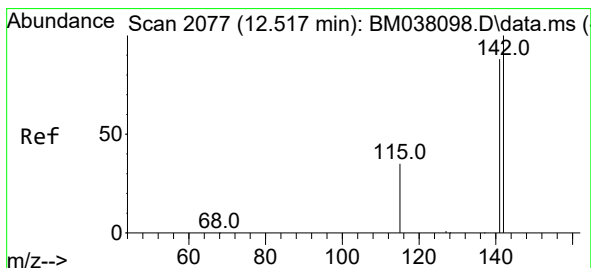
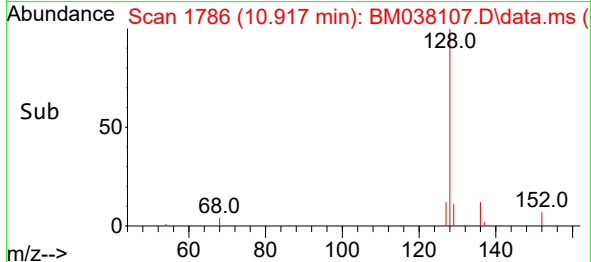
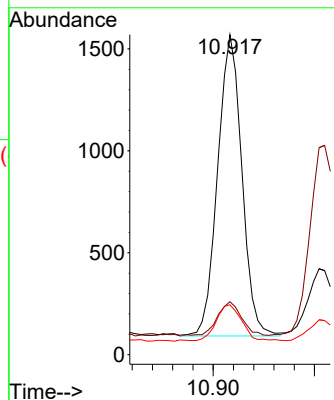
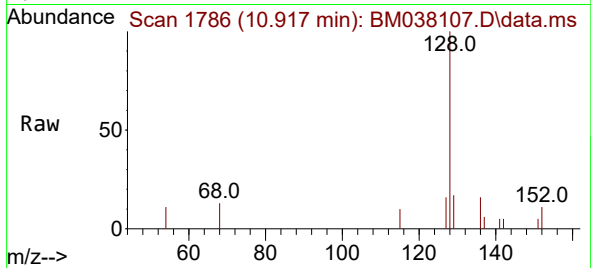




#5  
Naphthalene  
Concen: 0.038 ng/ul  
RT: 10.917 min Scan# 1786  
Delta R.T. 0.000 min  
Lab File: BM038107.D  
Acq: 19 Dec 2022 17:57

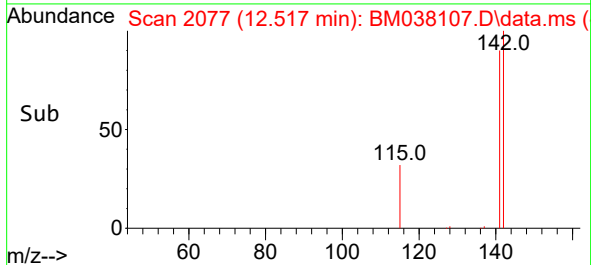
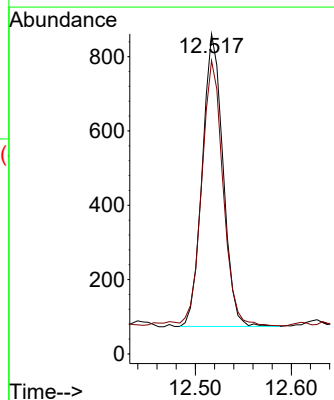
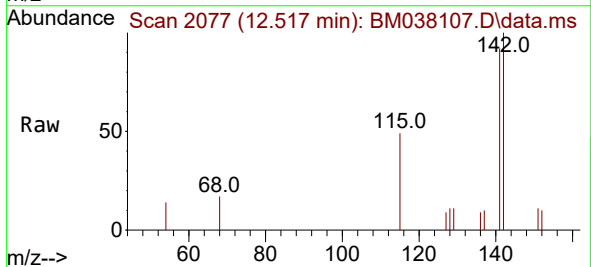
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BNA\_M  
ClientSampleId :  
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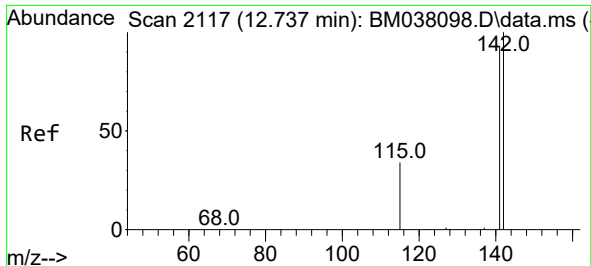
Tgt Ion:128 Resp: 2455  
Ion Ratio Lower Upper  
128 100  
129 16.6 9.1 13.7#  
127 15.6 10.4 15.6#



#7  
2-Methylnaphthalene  
Concen: 0.029 ng/ul  
RT: 12.517 min Scan# 2077  
Delta R.T. -0.005 min  
Lab File: BM038107.D  
Acq: 19 Dec 2022 17:57

Tgt Ion:142 Resp: 1176  
Ion Ratio Lower Upper  
142 100  
141 95.1 70.4 105.6

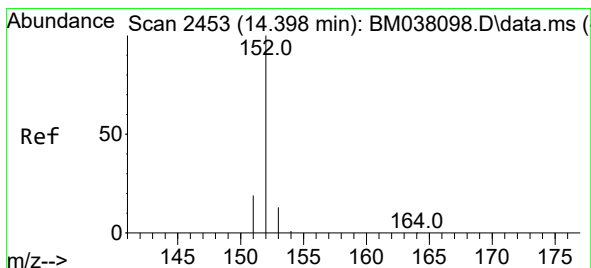
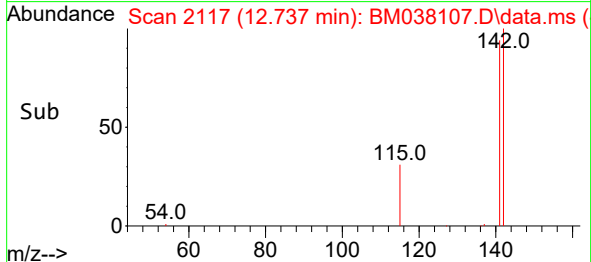
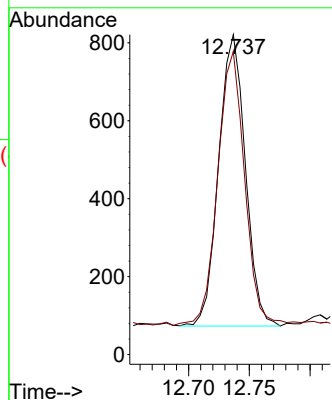
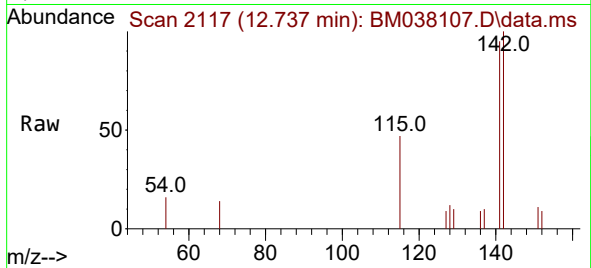




#8  
1-Methylnaphthalene  
Concen: 0.028 ng/ul  
RT: 12.737 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BM038107.D  
Acq: 19 Dec 2022 17:57

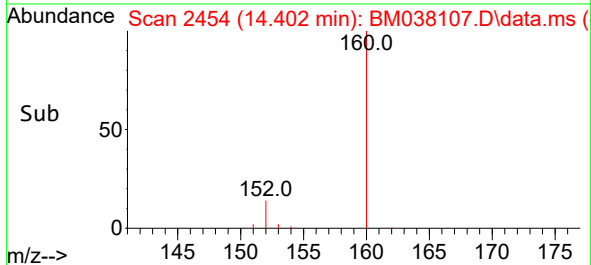
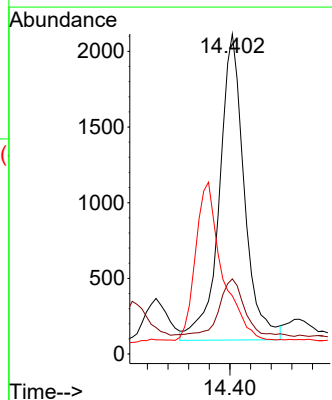
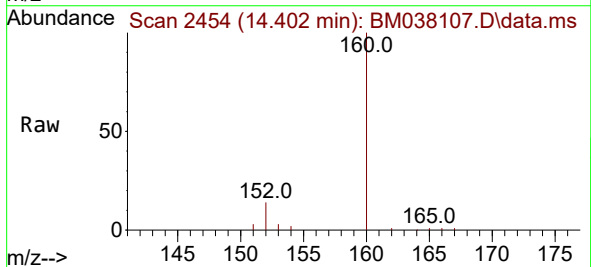
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ClientSampleId :  
DBXV9

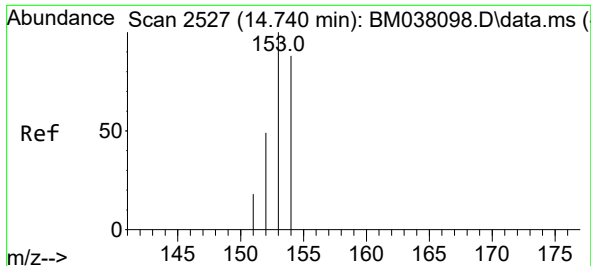
Tgt Ion:142 Resp: 1144  
Ion Ratio Lower Upper  
142 100  
141 95.5 73.6 110.4



#10  
Acenaphthylene  
Concen: 0.053 ng/ul  
RT: 14.402 min Scan# 2454  
Delta R.T. 0.000 min  
Lab File: BM038107.D  
Acq: 19 Dec 2022 17:57

Tgt Ion:152 Resp: 3399  
Ion Ratio Lower Upper  
152 100  
151 23.5 15.5 23.3#  
153 18.2 11.0 16.4#

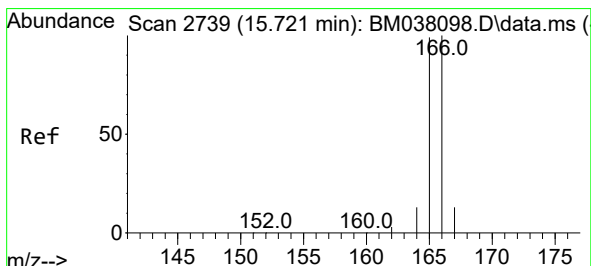
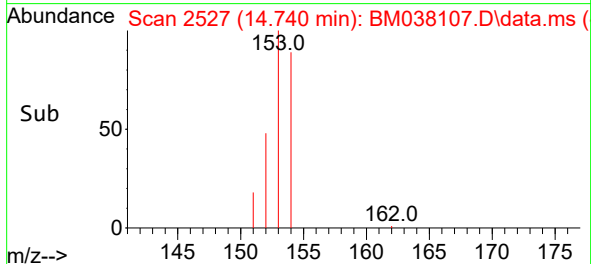
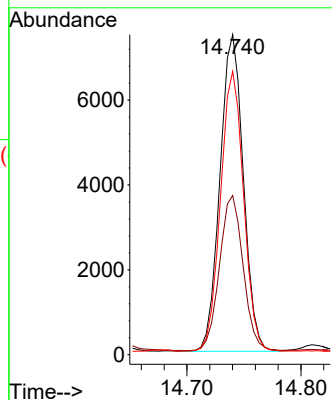
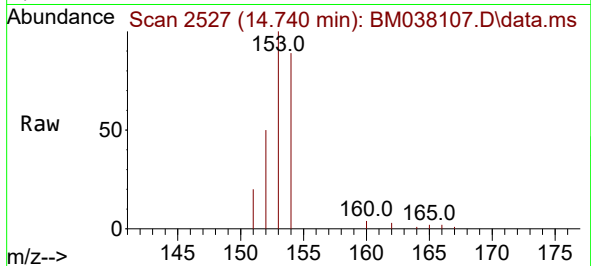




#11  
Acenaphthene  
Concen: 0.219 ng/ul  
RT: 14.740 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM038107.D  
Acq: 19 Dec 2022 17:57

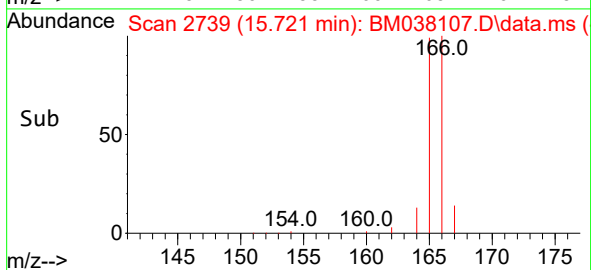
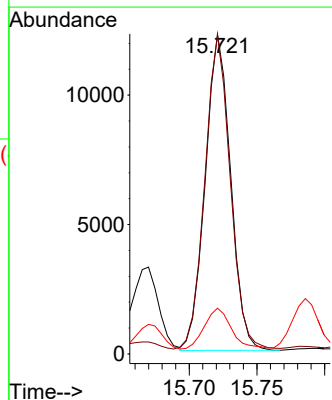
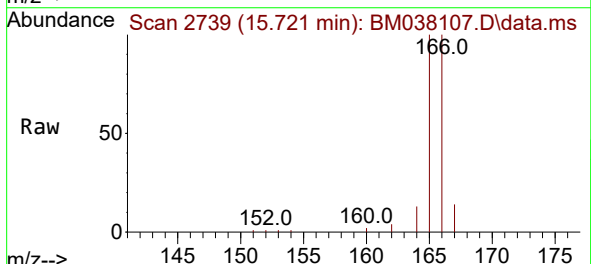
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ClientSampleId :  
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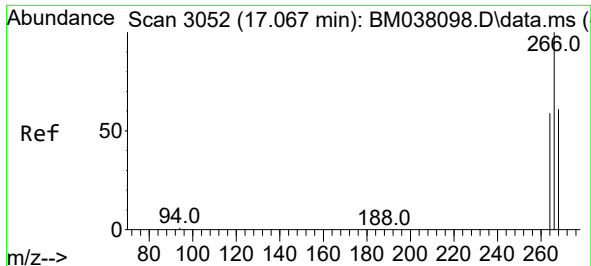
Tgt Ion:153 Resp: 10618  
Ion Ratio Lower Upper  
153 100  
152 49.8 39.5 59.3  
154 88.5 69.2 103.8



#12  
Fluorene  
Concen: 0.296 ng/ul  
RT: 15.721 min Scan# 2739  
Delta R.T. 0.000 min  
Lab File: BM038107.D  
Acq: 19 Dec 2022 17:57

Tgt Ion:166 Resp: 15934  
Ion Ratio Lower Upper  
166 100  
165 99.5 79.0 118.4  
167 14.3 11.1 16.7

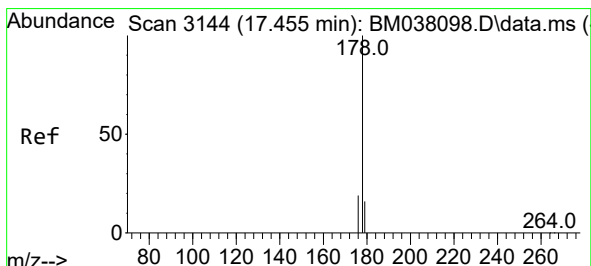
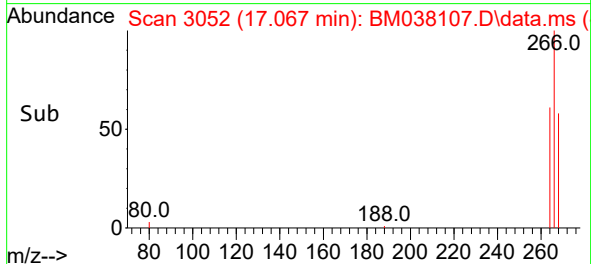
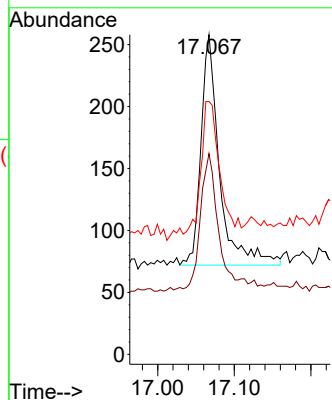
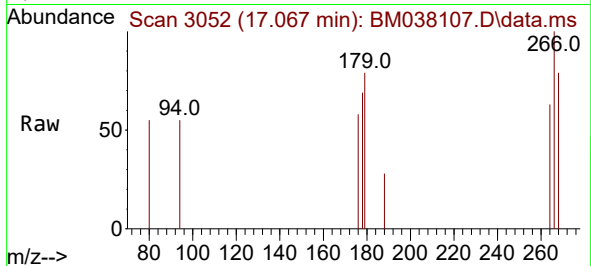




#14  
 Pentachlorophenol  
 Concen: 0.031 ng/ul  
 RT: 17.067 min Scan# 3052  
 Delta R.T. 0.000 min  
 Lab File: BM038107.D  
 Acq: 19 Dec 2022 17:57

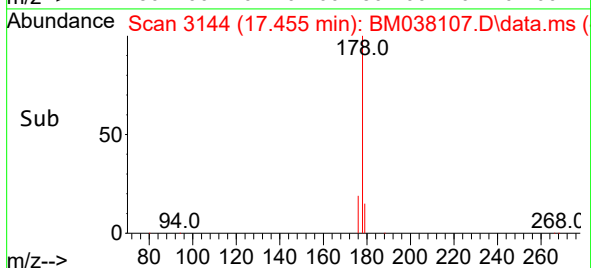
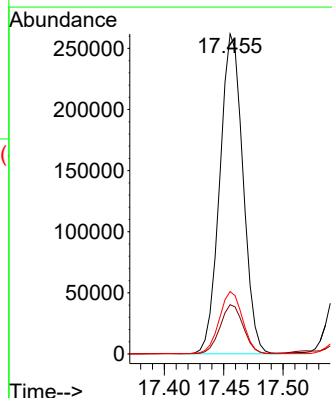
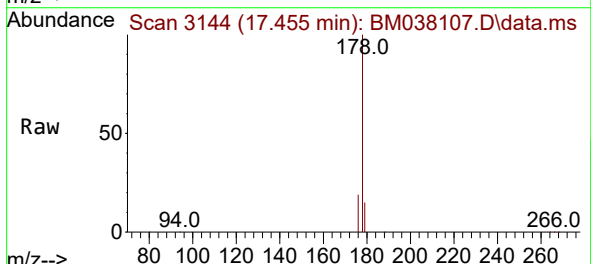
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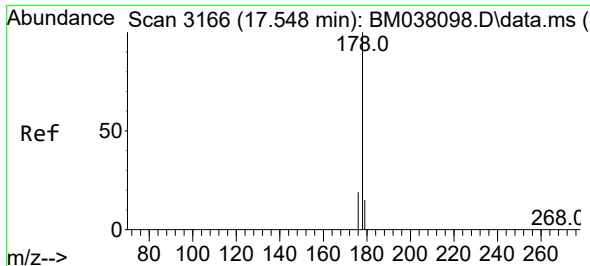
Tgt Ion:266 Resp: 313  
 Ion Ratio Lower Upper  
 266 100  
 264 59.1 49.9 74.9  
 268 59.1 52.0 78.0



#15  
 Phenanthrene  
 Concen: 4.311 ng/ul  
 RT: 17.455 min Scan# 3144  
 Delta R.T. -0.004 min  
 Lab File: BM038107.D  
 Acq: 19 Dec 2022 17:57

Tgt Ion:178 Resp: 355203  
 Ion Ratio Lower Upper  
 178 100  
 179 15.4 12.6 19.0  
 176 19.5 15.8 23.6

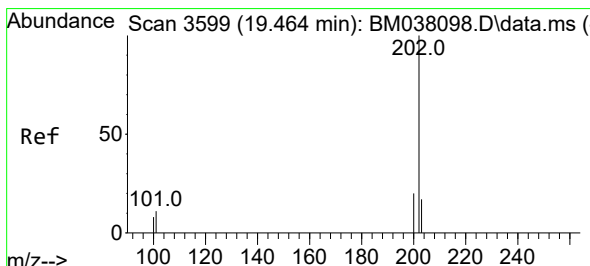
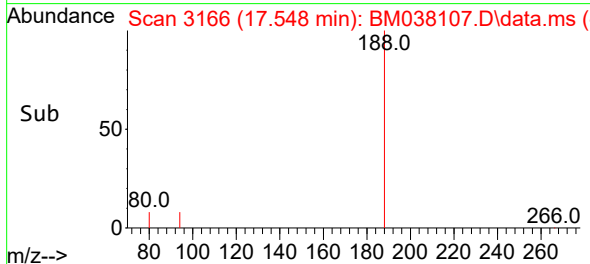
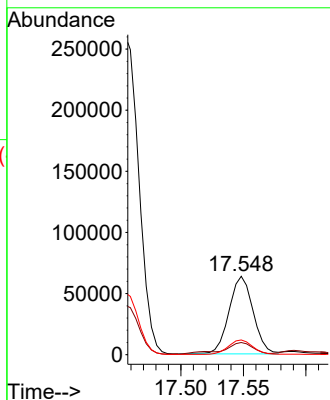
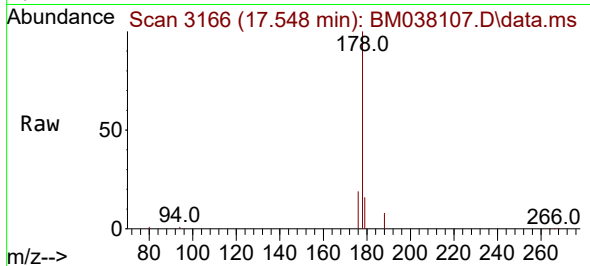




#16  
 Anthracene  
 Concen: 1.122 ng/ul  
 RT: 17.548 min Scan# 3166  
 Delta R.T. 0.000 min  
 Lab File: BM038107.D  
 Acq: 19 Dec 2022 17:57

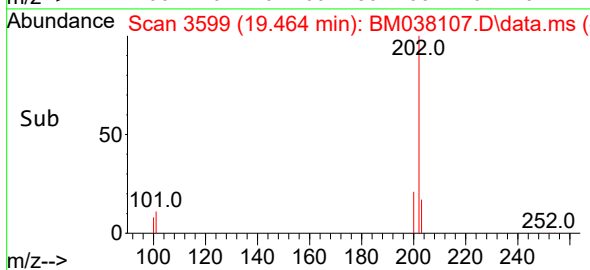
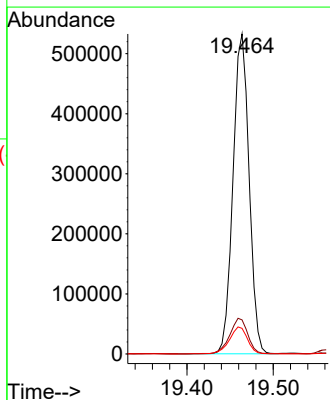
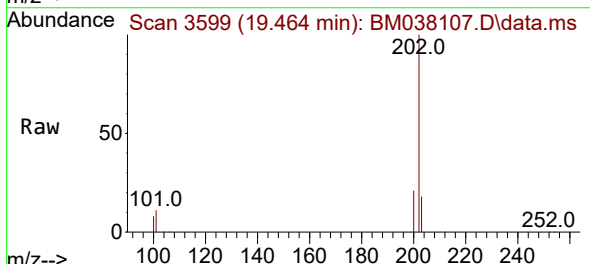
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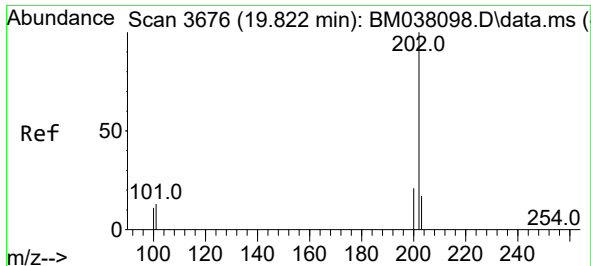
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|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 85485     |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 179         | 15.5  | 13.0 19.4 |
| 176         | 18.9  | 15.0 22.4 |



#19  
 Fluoranthene  
 Concen: 8.125 ng/ul  
 RT: 19.464 min Scan# 3599  
 Delta R.T. 0.000 min  
 Lab File: BM038107.D  
 Acq: 19 Dec 2022 17:57

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 691220    |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 101         | 10.7  | 10.6 15.8 |
| 100         | 8.0   | 7.9 11.9  |

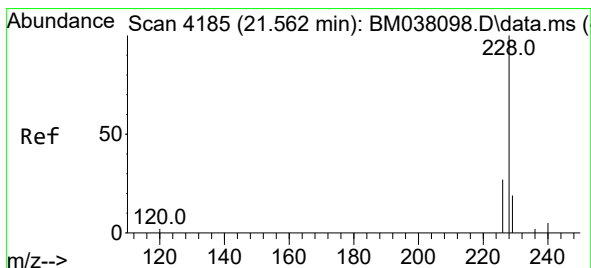
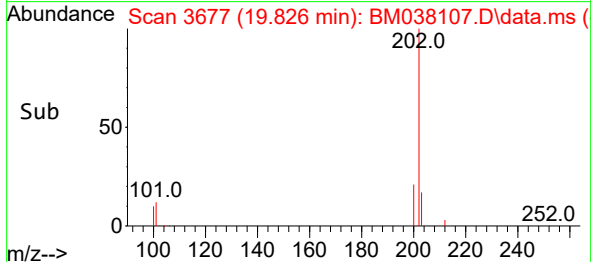
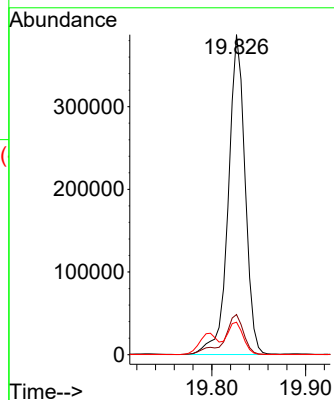
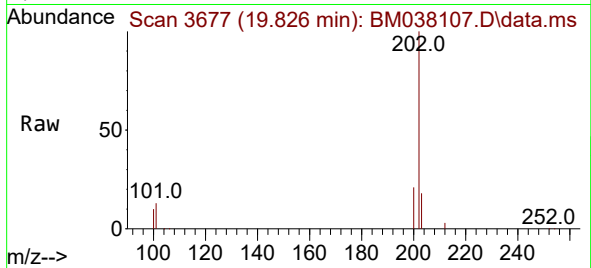




#20  
Pyrene  
Concen: 5.516 ng/ul  
RT: 19.826 min Scan# 3676  
Delta R.T. 0.000 min  
Lab File: BM038107.D  
Acq: 19 Dec 2022 17:57

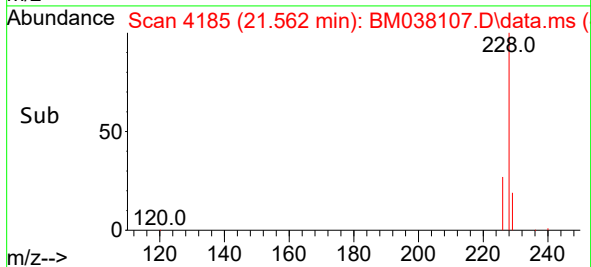
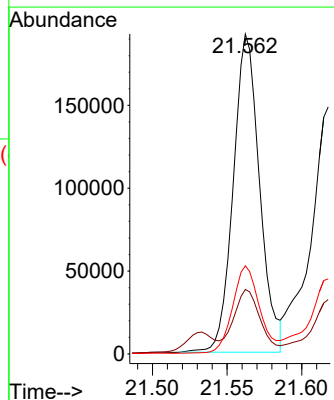
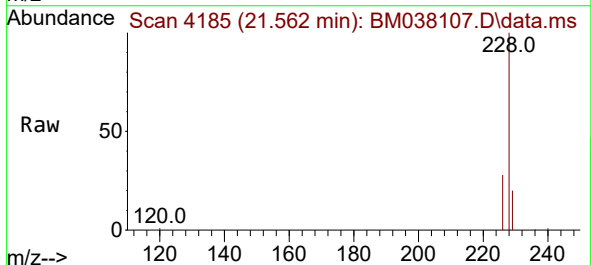
Instrument :  
BNA\_M  
ClientSampleId :  
DBXV9

Tgt Ion:202 Resp: 479078  
Ion Ratio Lower Upper  
202 100  
101 12.5 12.1 18.1  
100 10.1 9.8 14.6

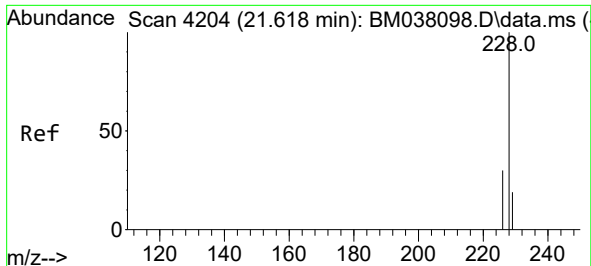


#21  
Benzo(a)anthracene  
Concen: 3.310 ng/ul  
RT: 21.562 min Scan# 4185  
Delta R.T. -0.003 min  
Lab File: BM038107.D  
Acq: 19 Dec 2022 17:57

Tgt Ion:228 Resp: 235537  
Ion Ratio Lower Upper  
228 100  
229 20.1 15.9 23.9  
226 27.5 22.1 33.1



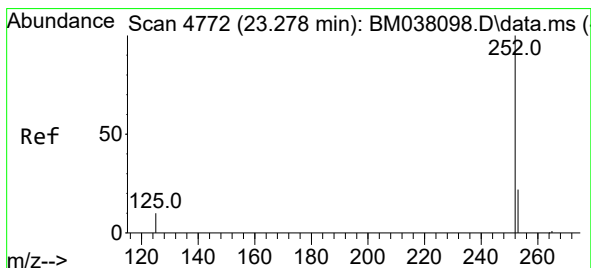
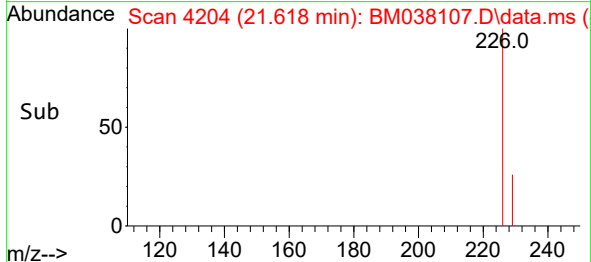
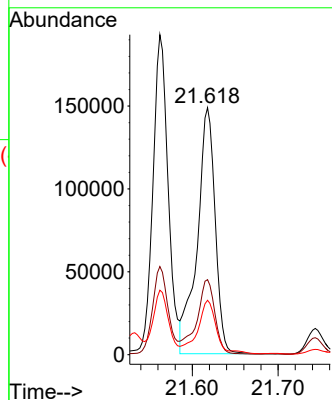
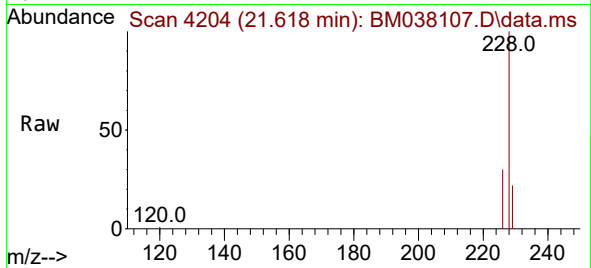




#22  
Chrysene  
Concen: 3.004 ng/ul  
RT: 21.618 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: BM038107.D  
Acq: 19 Dec 2022 17:57

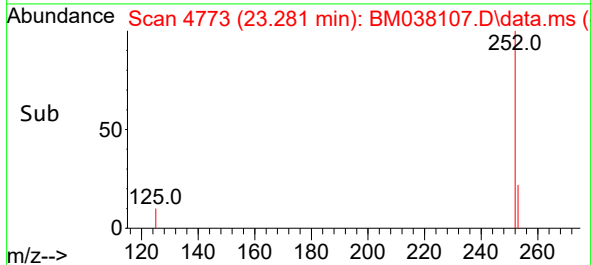
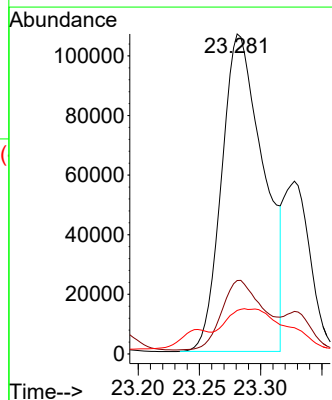
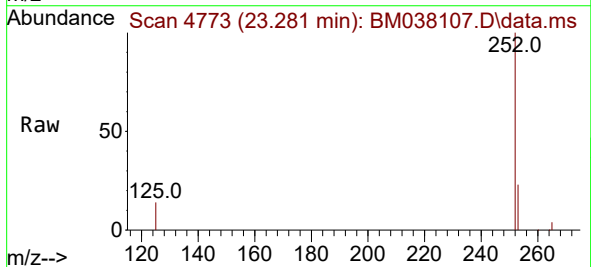
Instrument :  
BNA\_M  
ClientSampleId :  
DBXV9

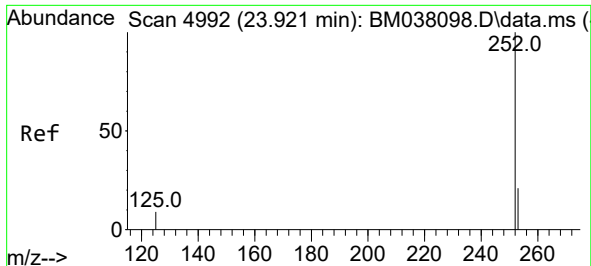
Tgt Ion:228 Resp: 215659  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.1 36.1  
229 22.0 15.7 23.5



#24  
Benzo(b)fluoranthene  
Concen: 3.586 ng/ul  
RT: 23.281 min Scan# 4773  
Delta R.T. 0.000 min  
Lab File: BM038107.D  
Acq: 19 Dec 2022 17:57

Tgt Ion:252 Resp: 253538  
Ion Ratio Lower Upper  
252 100  
253 23.0 0.0 51.8  
125 13.6 0.0 42.2

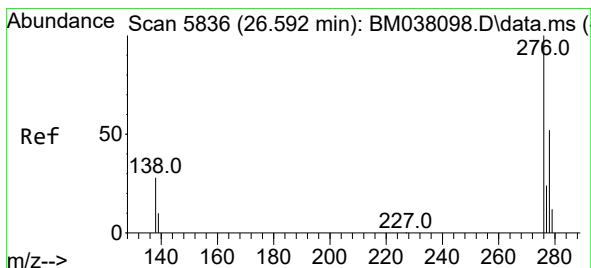
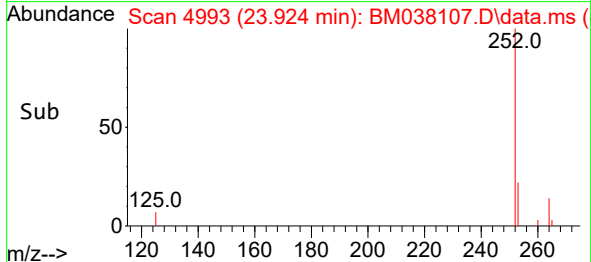
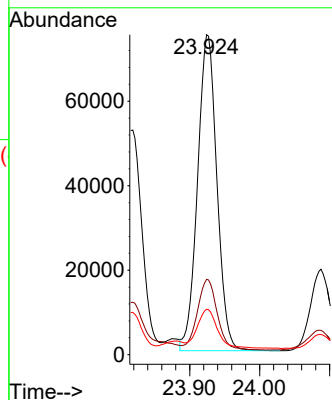
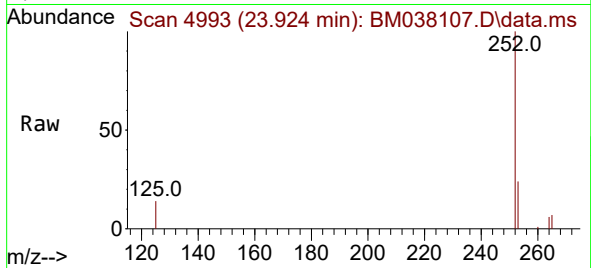




#26  
Benzo(a)pyrene  
Concen: 2.414 ng/ul  
RT: 23.924 min Scan# 4993  
Delta R.T. 0.000 min  
Lab File: BM038107.D  
Acq: 19 Dec 2022 17:57

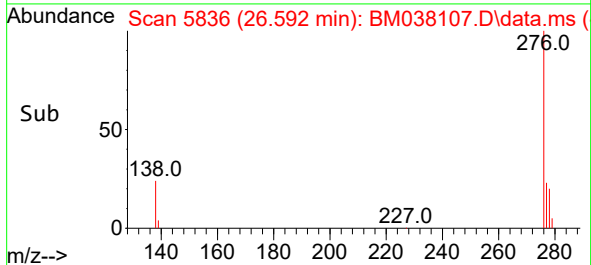
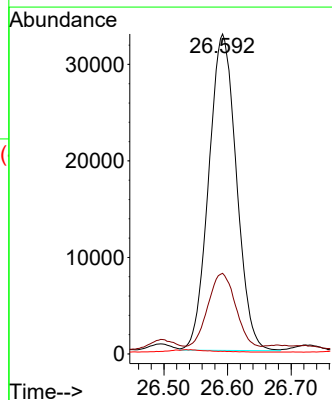
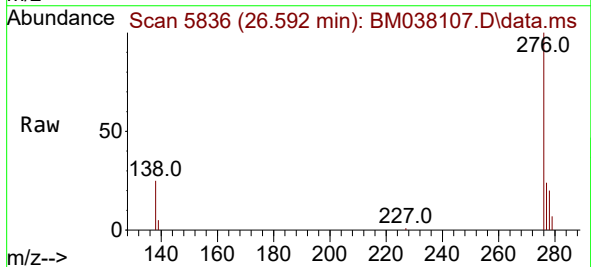
Instrument :  
BNA\_M  
ClientSampleId :  
DBXV9

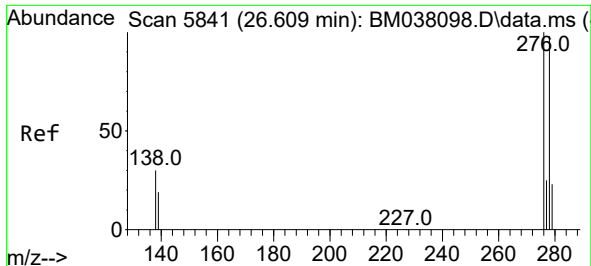
Tgt Ion:252 Resp: 143744  
Ion Ratio Lower Upper  
252 100  
253 23.5 21.9 32.9  
125 14.2 20.7 31.1#



#27  
Indeno(1,2,3-cd)pyrene  
Concen: 1.326 ng/ul  
RT: 26.592 min Scan# 5836  
Delta R.T. -0.007 min  
Lab File: BM038107.D  
Acq: 19 Dec 2022 17:57

Tgt Ion:276 Resp: 99135  
Ion Ratio Lower Upper  
276 100  
138 23.1 26.6 40.0#  
227 0.0 0.1 0.1#

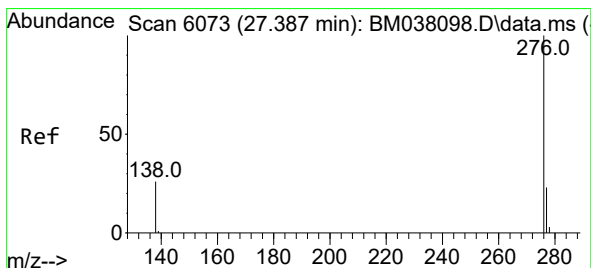
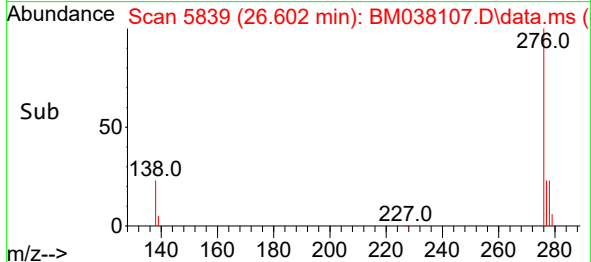
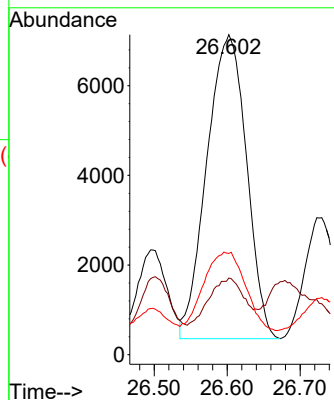
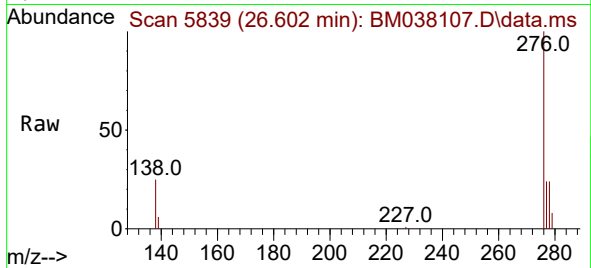




#28  
Dibenzo(a,h)anthracene  
Concen: 0.441 ng/ul  
RT: 26.602 min Scan# 5839  
Delta R.T. -0.013 min  
Lab File: BM038107.D  
Acq: 19 Dec 2022 17:57

Instrument :  
BNA\_M  
ClientSampleId :  
DBXV9

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 25658 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 24.0  | 19.0  | 28.6  |
| 279       | 31.7  | 22.4  | 33.6  |



#29  
Benzo(g,h,i)perylene  
Concen: 1.074 ng/ul  
RT: 27.394 min Scan# 6075  
Delta R.T. 0.000 min  
Lab File: BM038107.D  
Acq: 19 Dec 2022 17:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 68204 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 26.4  | 24.1  | 36.1  |
| 277       | 24.2  | 19.0  | 28.6  |

