

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
 Data File : BM038249.D  
 Acq On : 24 Dec 2022 01:10  
 Operator : CG/JU  
 Sample : N6014-07DL 5X  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Dec 24 02:31:41 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 : Thu Dec 22 23:36:45 2022  
 Response via : Initial Calibration

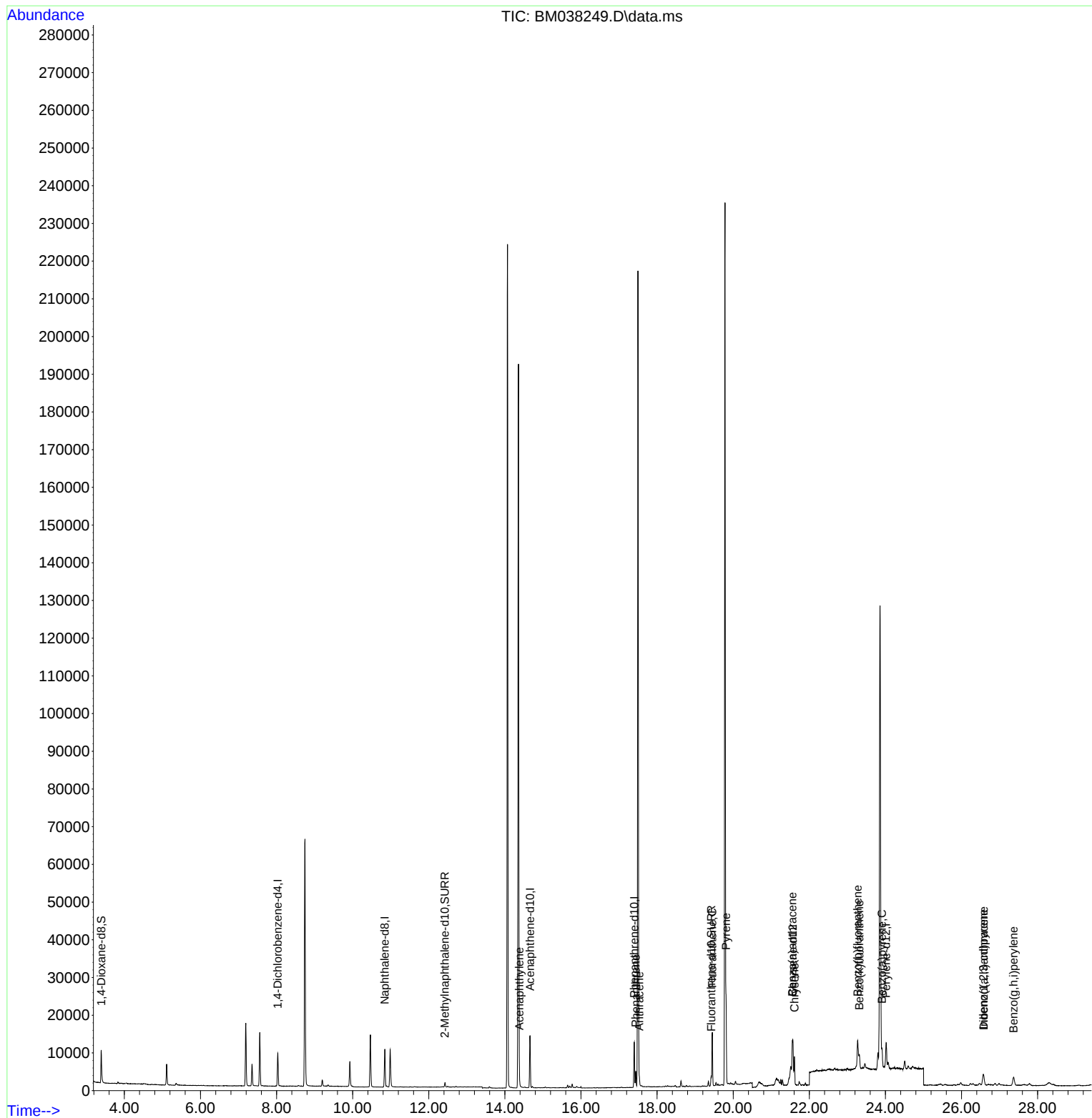
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.030  | 152  | 4460     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.845 | 136  | 13121    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.662 | 164  | 7328     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.401 | 188  | 14046    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.571 | 240  | 8506     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.018 | 264  | 8997     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.393  | 96   | 5526     | 1.218 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.423 | 152  | 1482     | 0.077 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.422 | 212  | 2546     | 0.080 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 10) Acenaphthylene          | 14.384 | 152  | 1358     | 0.034 | ng/ul# | 82       |
| 15) Phenanthrene            | 17.439 | 178  | 4327     | 0.092 | ng/ul  | 95       |
| 16) Anthracene              | 17.531 | 178  | 1956     | 0.043 | ng/ul# | 86       |
| 19) Fluoranthene            | 19.450 | 202  | 11737    | 0.252 | ng/ul  | 97       |
| 20) Pyrene                  | 19.813 | 202  | 19057m   | 0.405 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.553 | 228  | 7998     | 0.214 | ng/ul# | 89       |
| 22) Chrysene                | 21.609 | 228  | 8527     | 0.235 | ng/ul# | 94       |
| 24) Benzo(b)fluoranthene    | 23.269 | 252  | 13541    | 0.340 | ng/ul  | 87       |
| 25) Benzo(k)fluoranthene    | 23.316 | 252  | 4360m    | 0.114 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.909 | 252  | 7303     | 0.210 | ng/ul# | 78       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.575 | 276  | 5264     | 0.109 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 26.582 | 278  | 1340     | 0.036 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 27.370 | 276  | 5089     | 0.125 | ng/ul# | 86       |
| -----                       |        |      |          |       |        |          |

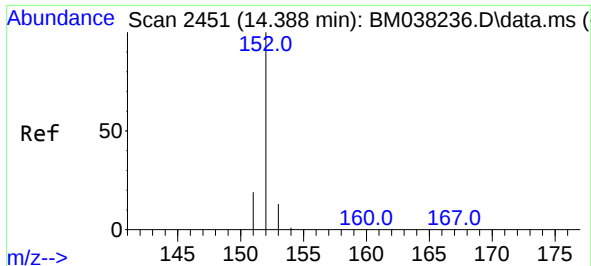
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
Data File : BM038249.D  
Acq On : 24 Dec 2022 01:10  
Operator : CG/JU  
Sample : N6014-07DL 5X  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

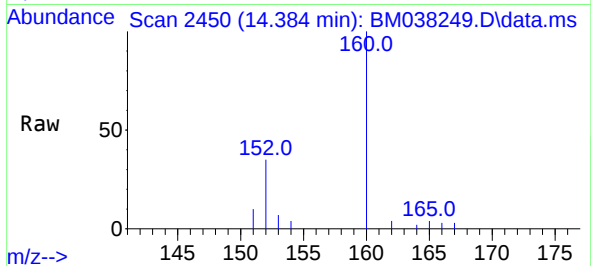
Quant Time: Dec 24 02:31:41 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM122222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 22 23:36:45 2022  
Response via : Initial Calibration



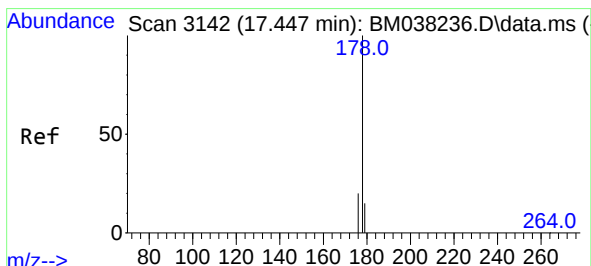
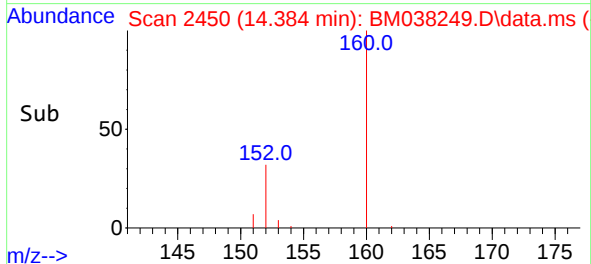
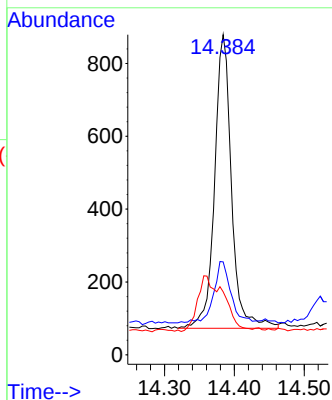


#10  
Acenaphthylene  
Concen: 0.034 ng/ul  
RT: 14.384 min Scan# 2451  
Delta R.T. -0.004 min  
Lab File: BM038249.D  
Acq: 24 Dec 2022 01:10

Instrument :  
BNA\_M  
ClientSampleId :

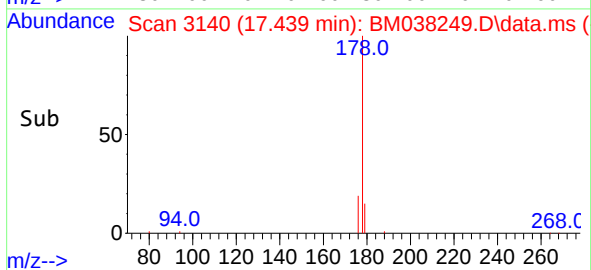
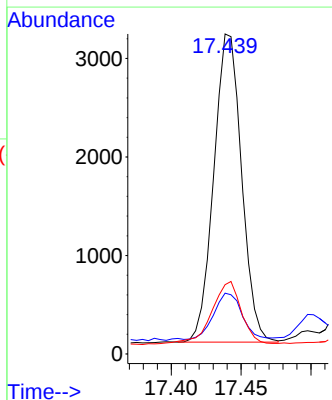
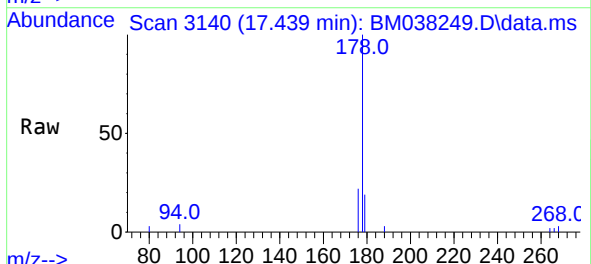


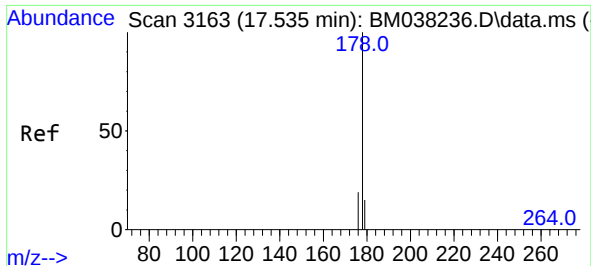
Tgt Ion:152 Resp: 1358  
Ion Ratio Lower Upper  
152 100  
151 29.0 16.2 24.2#  
153 19.7 10.7 16.1#



#15  
Phenanthrene  
Concen: 0.092 ng/ul  
RT: 17.439 min Scan# 3140  
Delta R.T. -0.008 min  
Lab File: BM038249.D  
Acq: 24 Dec 2022 01:10

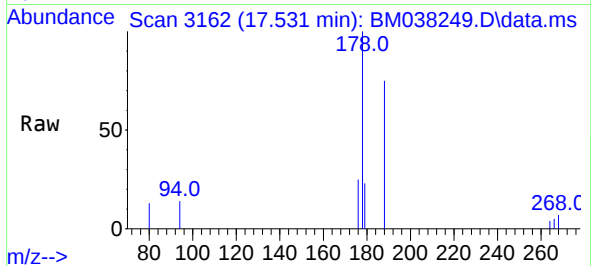
Tgt Ion:178 Resp: 4327  
Ion Ratio Lower Upper  
178 100  
179 19.0 13.0 19.4  
176 21.7 16.2 24.4



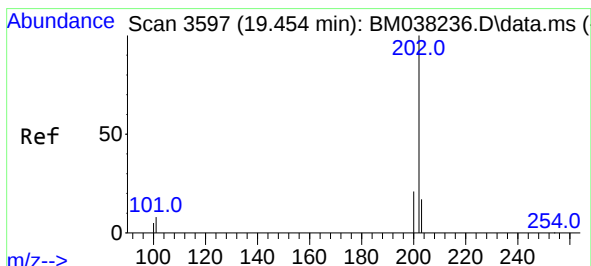
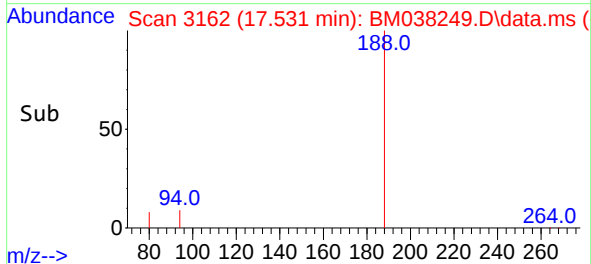
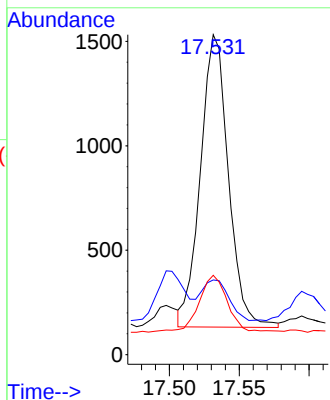


#16  
 Anthracene  
 Concen: 0.043 ng/ul  
 RT: 17.531 min Scan# 3162  
 Delta R.T. -0.008 min  
 Lab File: BM038249.D  
 Acq: 24 Dec 2022 01:10

Instrument :  
 BNA\_M  
 ClientSampleId :

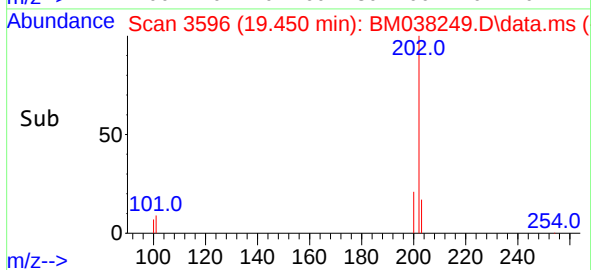
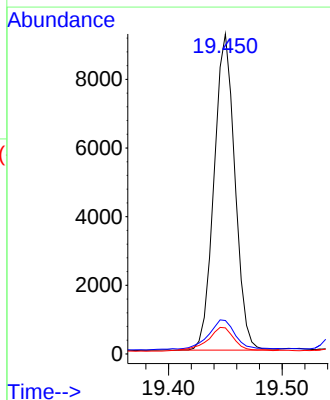
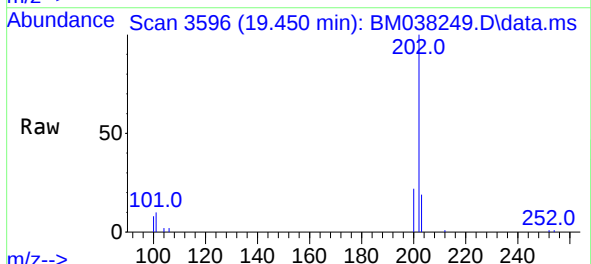


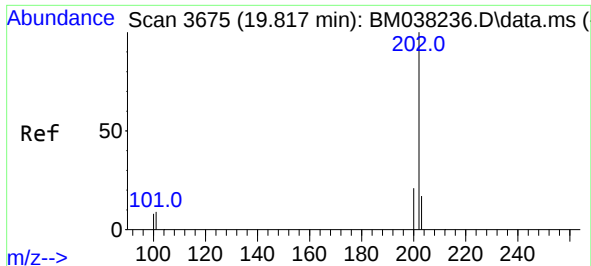
Tgt Ion:178 Resp: 1956  
 Ion Ratio Lower Upper  
 178 100  
 179 23.4 13.0 19.6#  
 176 24.8 15.6 23.4#



#19  
 Fluoranthene  
 Concen: 0.252 ng/ul  
 RT: 19.450 min Scan# 3596  
 Delta R.T. -0.004 min  
 Lab File: BM038249.D  
 Acq: 24 Dec 2022 01:10

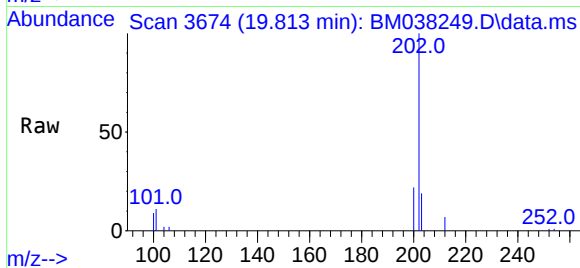
Tgt Ion:202 Resp: 11737  
 Ion Ratio Lower Upper  
 202 100  
 101 10.4 7.5 11.3  
 100 8.2 5.6 8.4



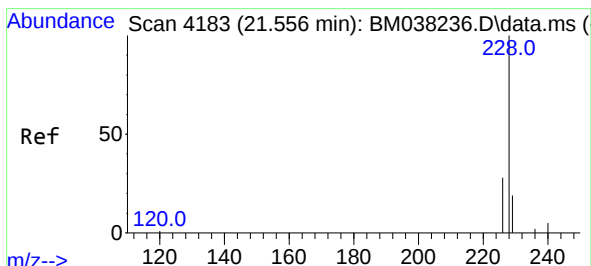
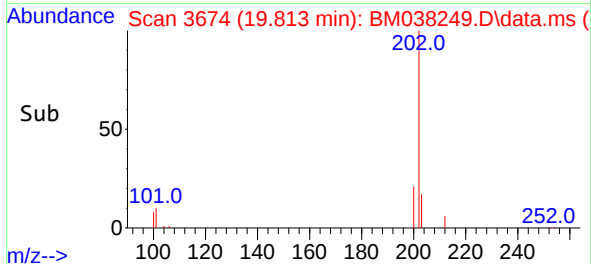
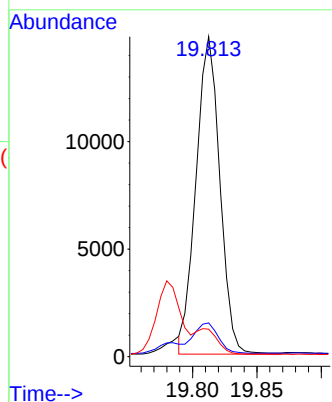


#20  
Pyrene  
Concen: 0.405 ng/ul m  
RT: 19.813 min Scan# 3  
Delta R.T. -0.004 min  
Lab File: BM038249.D  
Acq: 24 Dec 2022 01:10

Instrument :  
BNA\_M  
ClientSampleId :

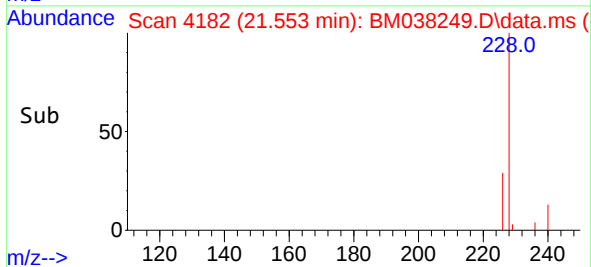
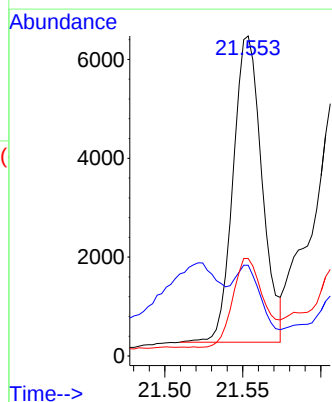
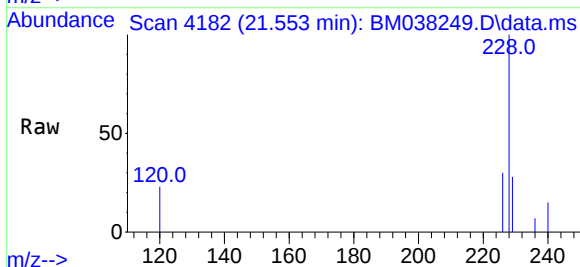


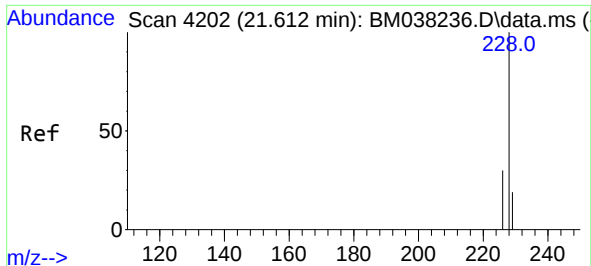
Tgt Ion:202 Resp: 19057  
Ion Ratio Lower Upper  
202 100  
101 10.6 8.9 13.3  
100 8.6 7.4 11.0



#21  
Benzo(a)anthracene  
Concen: 0.214 ng/ul  
RT: 21.553 min Scan# 4182  
Delta R.T. -0.006 min  
Lab File: BM038249.D  
Acq: 24 Dec 2022 01:10

Tgt Ion:228 Resp: 7998  
Ion Ratio Lower Upper  
228 100  
229 28.4 15.5 23.3#  
226 30.5 22.2 33.2

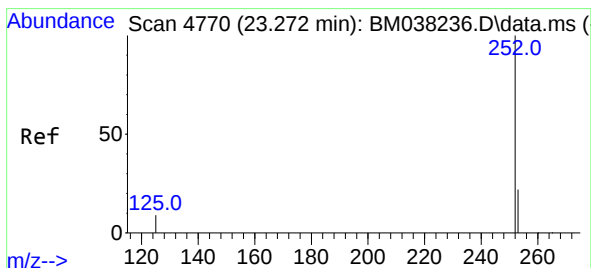
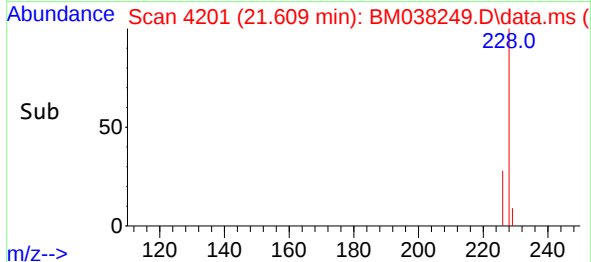
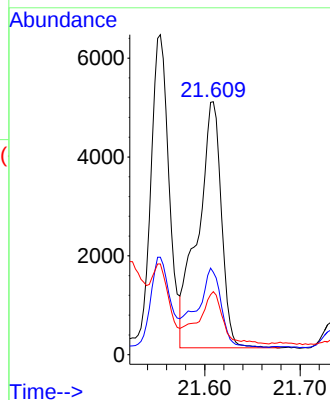
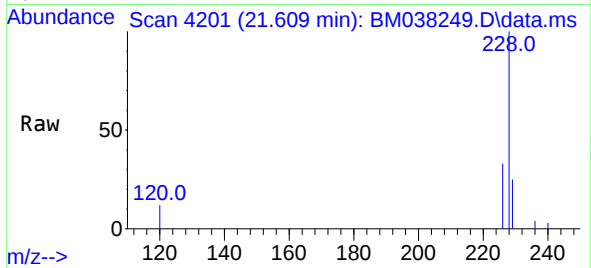




#22  
Chrysene  
Concen: 0.235 ng/ul  
RT: 21.609 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: BM038249.D  
Acq: 24 Dec 2022 01:10

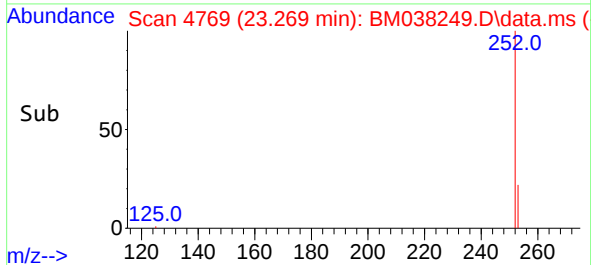
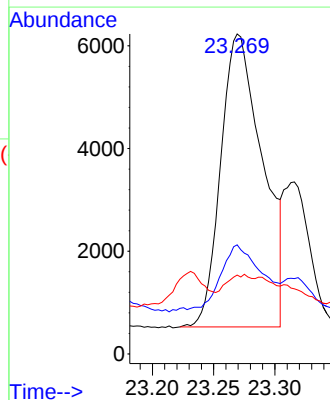
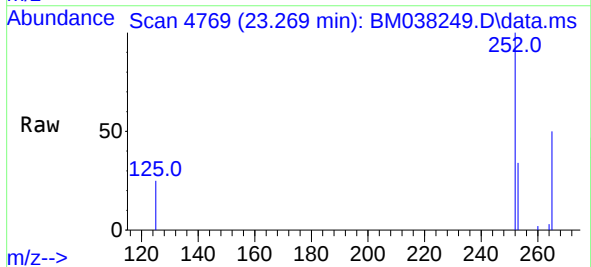
Instrument :  
BNA\_M  
ClientSampleId :

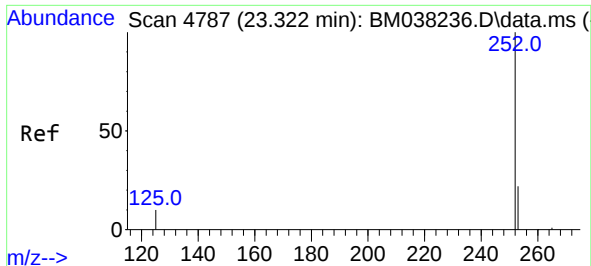
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 8527  |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 32.6  | 25.0  | 37.4  |
| 229       | 24.9  | 16.0  | 24.0# |



#24  
Benzo(b)fluoranthene  
Concen: 0.340 ng/ul  
RT: 23.269 min Scan# 4769  
Delta R.T. -0.003 min  
Lab File: BM038249.D  
Acq: 24 Dec 2022 01:10

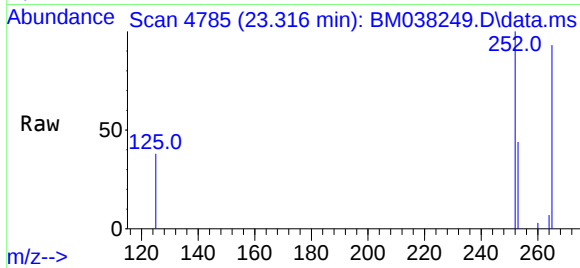
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 13541 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 34.1  | 0.0   | 56.0  |
| 125       | 24.7  | 0.0   | 36.6  |



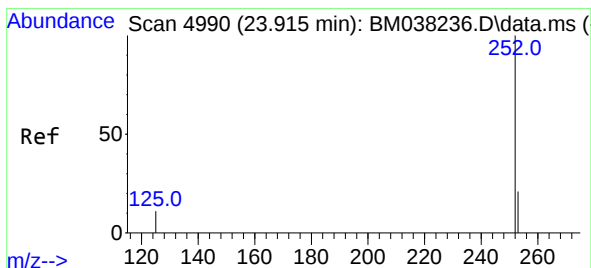
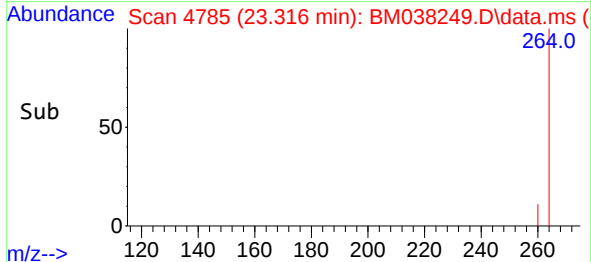
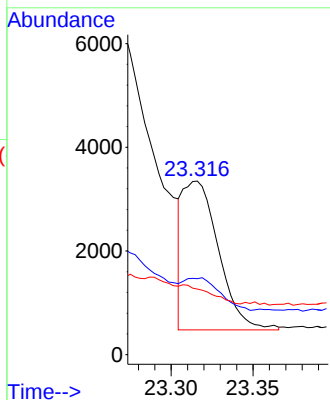


#25  
Benzo(k)fluoranthene  
Concen: 0.114 ng/ul m  
RT: 23.316 min Scan# 4  
Delta R.T. -0.006 min  
Lab File: BM038249.D  
Acq: 24 Dec 2022 01:10

Instrument :  
BNA\_M  
ClientSampleId :

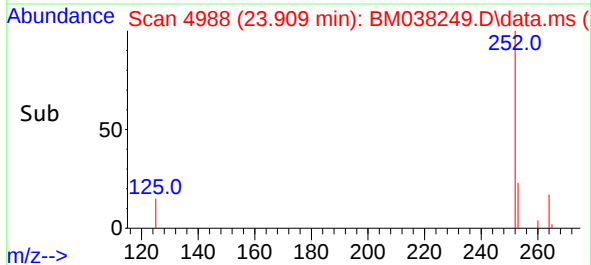
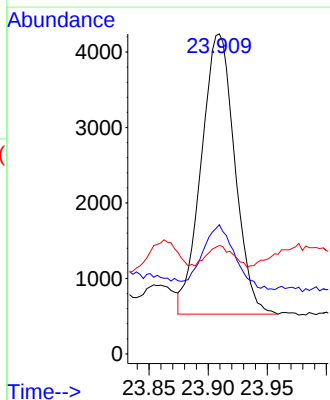
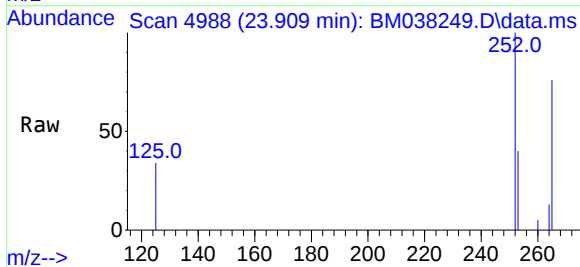


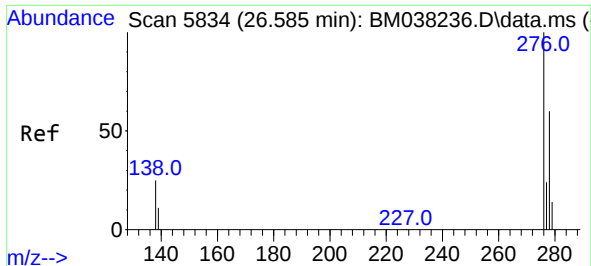
Tgt Ion:252 Resp: 4360  
Ion Ratio Lower Upper  
252 100  
253 43.8 22.5 33.7#  
125 37.8 14.4 21.6#



#26  
Benzo(a)pyrene  
Concen: 0.210 ng/ul  
RT: 23.909 min Scan# 4988  
Delta R.T. -0.003 min  
Lab File: BM038249.D  
Acq: 24 Dec 2022 01:10

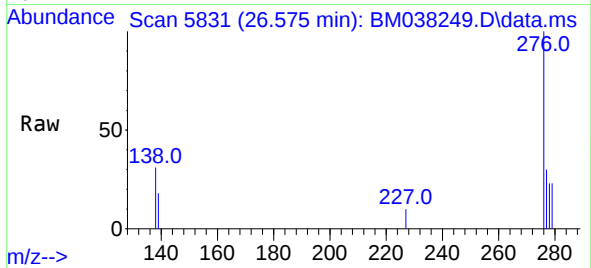
Tgt Ion:252 Resp: 7303  
Ion Ratio Lower Upper  
252 100  
253 40.4 24.2 36.4#  
125 33.9 17.3 25.9#



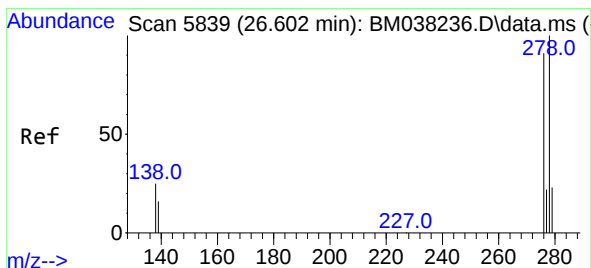
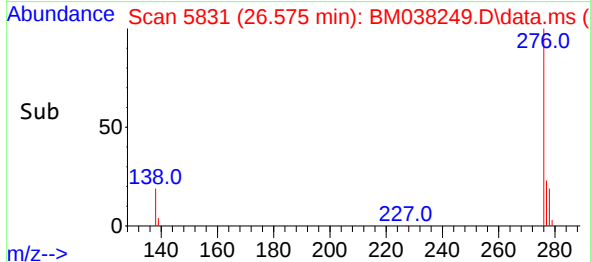
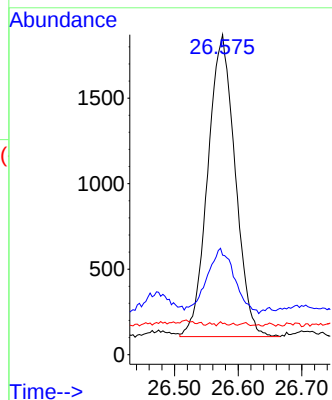


#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.109 ng/ul  
RT: 26.575 min Scan# 5831  
Delta R.T. -0.006 min  
Lab File: BM038249.D  
Acq: 24 Dec 2022 01:10

Instrument :  
BNA\_M  
ClientSampleId :

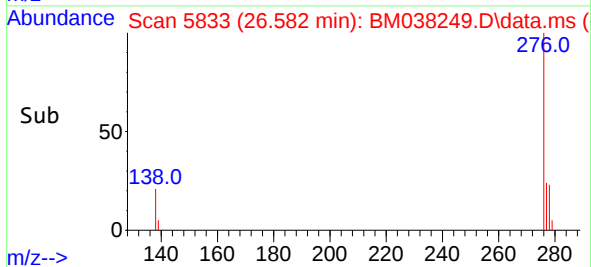
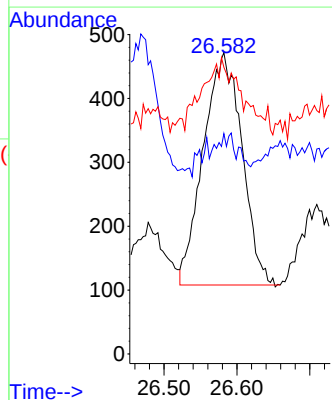
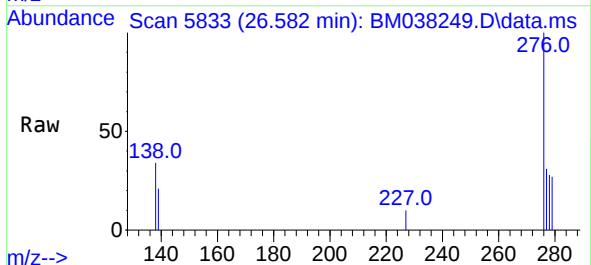


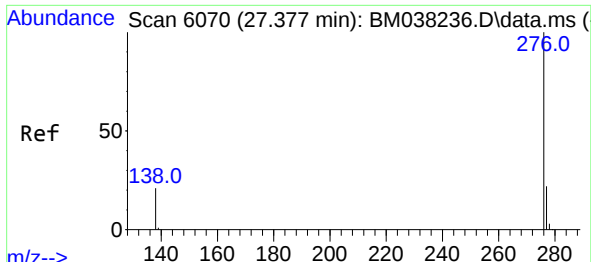
Tgt Ion:276 Resp: 5264  
Ion Ratio Lower Upper  
276 100  
138 22.1 21.7 32.5  
227 0.3 0.0 0.0#



#28  
Dibenzo(a,h)anthracene  
Concen: 0.036 ng/ul  
RT: 26.582 min Scan# 5833  
Delta R.T. -0.013 min  
Lab File: BM038249.D  
Acq: 24 Dec 2022 01:10

Tgt Ion:278 Resp: 1340  
Ion Ratio Lower Upper  
278 100  
139 73.1 16.8 25.2#  
279 95.1 23.4 35.2#





#29

Benzo(g,h,i)perylene

Concen: 0.125 ng/ul

RT: 27.370 min Scan# 60

Delta R.T. 0.000 min

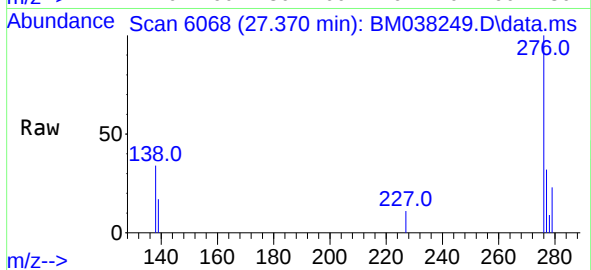
Lab File: BM038249.D

Acq: 24 Dec 2022 01:10

Instrument :

BNA\_M

ClientSampleId :



Tgt Ion:276 Resp: 5089

Ion Ratio Lower Upper

276 100

138 34.1 20.8 31.2#

277 31.5 20.5 30.7#

