

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
 Data File : BM038214.D  
 Acq On : 23 Dec 2022 01:00  
 Operator : CG/JU  
 Sample : N6008-10  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXW8

Quant Time: Dec 23 01:50:13 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

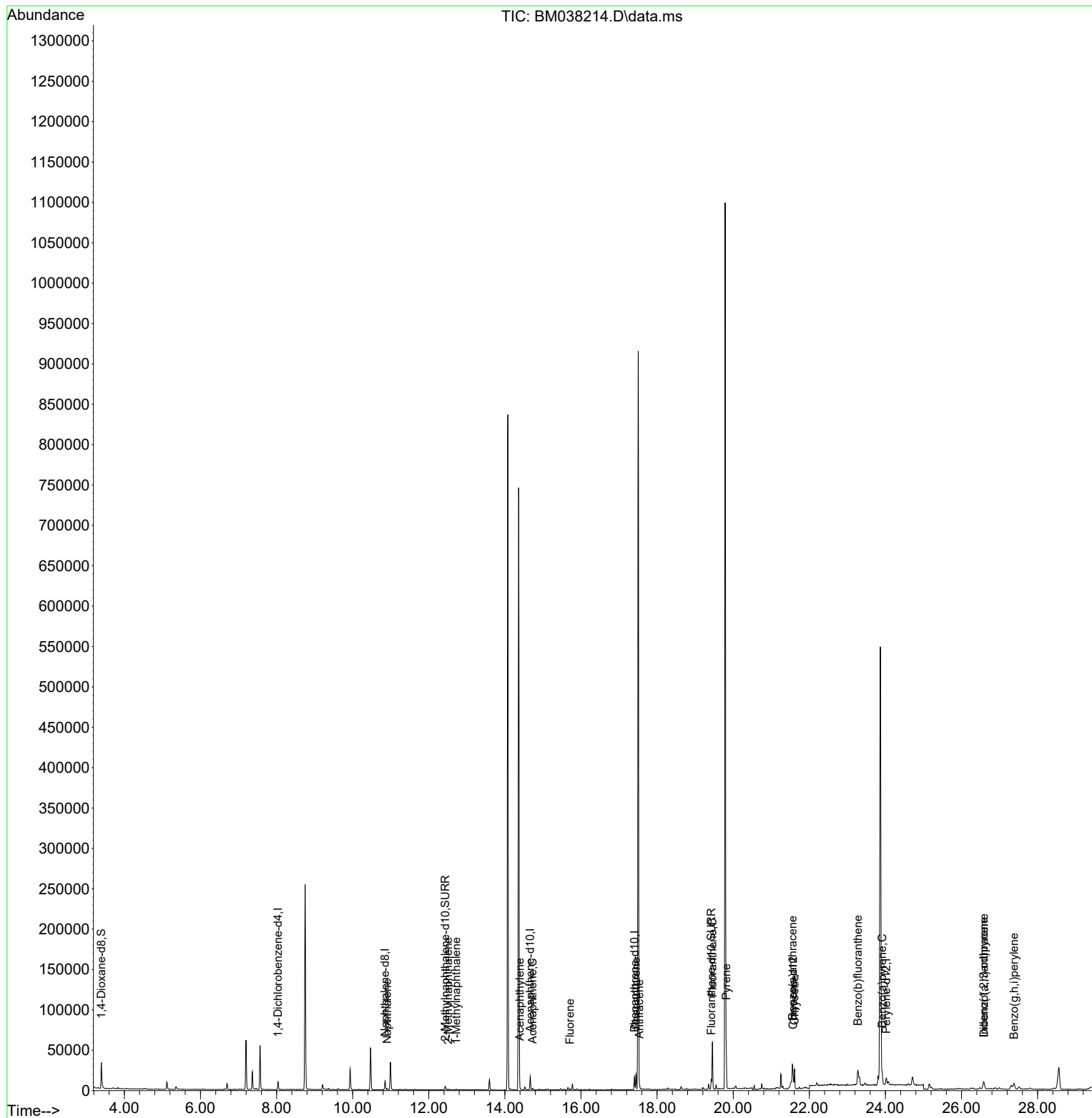
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.038  | 152  | 4842     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.851 | 136  | 14871    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.666 | 164  | 8566     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.405 | 188  | 17823    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.574 | 240  | 12520    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.023 | 264  | 11471    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.398  | 96   | 21206    | 4.305 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.434 | 152  | 5787     | 0.264 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.422 | 212  | 11594    | 0.247 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.906 | 128  | 1445     | 0.033 | ng/ul# | 85       |
| 7) 2-Methylnaphthalene      | 12.506 | 142  | 712      | 0.026 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.720 | 142  | 562      | 0.020 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.393 | 152  | 1174     | 0.025 | ng/ul# | 73       |
| 11) Acenaphthene            | 14.726 | 153  | 1049     | 0.031 | ng/ul  | 97       |
| 12) Fluorene                | 15.712 | 166  | 864      | 0.024 | ng/ul# | 90       |
| 15) Phenanthrene            | 17.447 | 178  | 20160    | 0.338 | ng/ul  | 100      |
| 16) Anthracene              | 17.536 | 178  | 4186     | 0.073 | ng/ul# | 92       |
| 19) Fluoranthene            | 19.455 | 202  | 49088    | 0.716 | ng/ul  | 98       |
| 20) Pyrene                  | 19.817 | 202  | 42780    | 0.617 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.556 | 228  | 21024    | 0.383 | ng/ul# | 91       |
| 22) Chrysene                | 21.612 | 228  | 23775    | 0.445 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.275 | 252  | 32453    | 0.639 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 23.915 | 252  | 20261    | 0.457 | ng/ul  | 100      |
| 27) Indeno(1,2,3-cd)pyrene  | 26.582 | 276  | 15896    | 0.259 | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 26.589 | 278  | 3993     | 0.084 | ng/ul# | 48       |
| 29) Benzo(g,h,i)perylene    | 27.377 | 276  | 15814    | 0.306 | ng/ul# | 93       |
| -----                       |        |      |          |       |        |          |

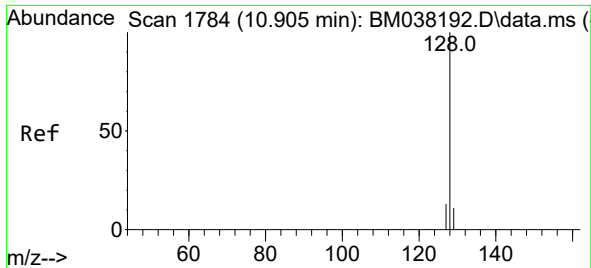
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
Data File : BM038214.D  
Acq On : 23 Dec 2022 01:00  
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Sample : N6008-10  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBXW8

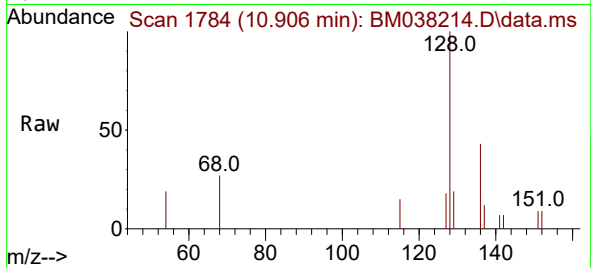
Quant Time: Dec 23 01:50:13 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM122222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 22 23:36:45 2022  
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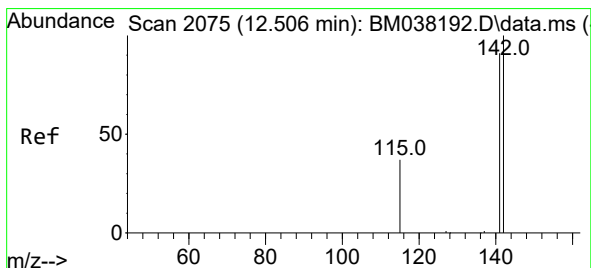
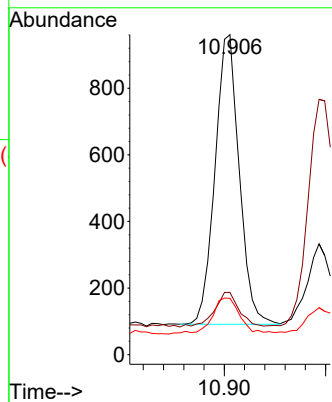
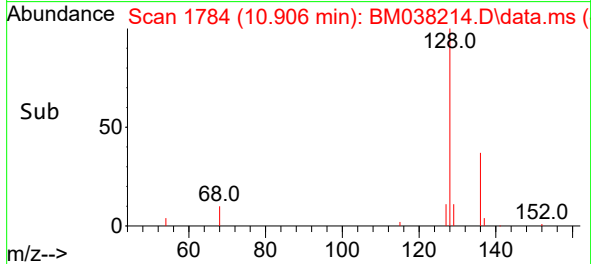


#5  
Naphthalene  
Concen: 0.033 ng/ul  
RT: 10.906 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: BM038214.D  
Acq: 23 Dec 2022 01:00

Instrument :  
BNA\_M  
ClientSampleId :  
DBXW8

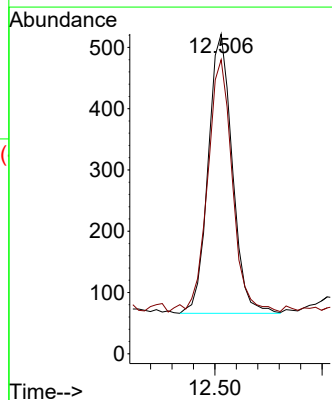
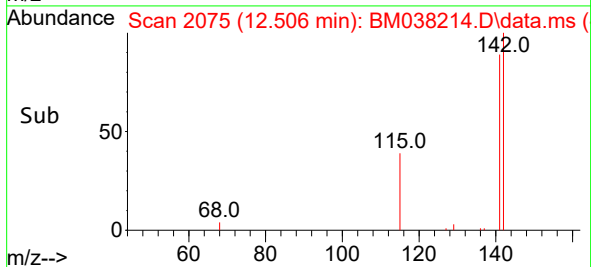
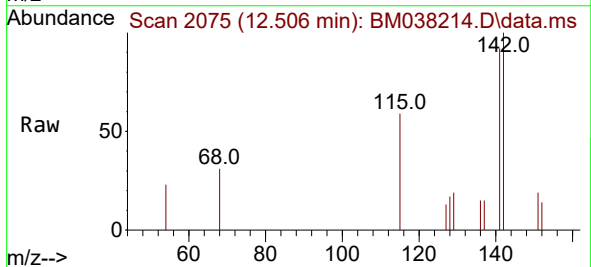


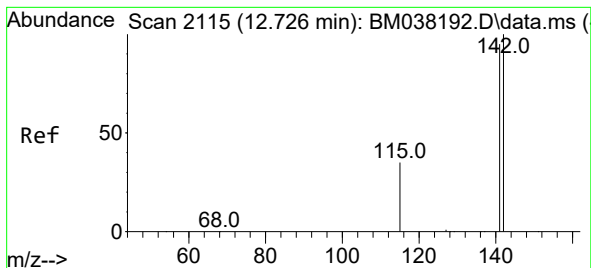
Tgt Ion:128 Resp: 1445  
Ion Ratio Lower Upper  
128 100  
129 19.5 9.4 14.0#  
127 17.6 10.7 16.1#



#7  
2-Methylnaphthalene  
Concen: 0.026 ng/ul  
RT: 12.506 min Scan# 2075  
Delta R.T. 0.000 min  
Lab File: BM038214.D  
Acq: 23 Dec 2022 01:00

Tgt Ion:142 Resp: 712  
Ion Ratio Lower Upper  
142 100  
141 93.0 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 12.720 min Scan# 2114

Delta R.T. -0.005 min

Lab File: BM038214.D

Acq: 23 Dec 2022 01:00

Instrument :

BNA\_M

ClientSampleId :

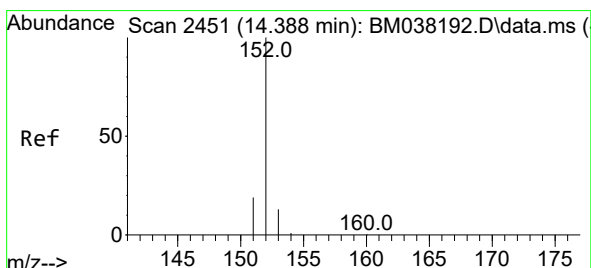
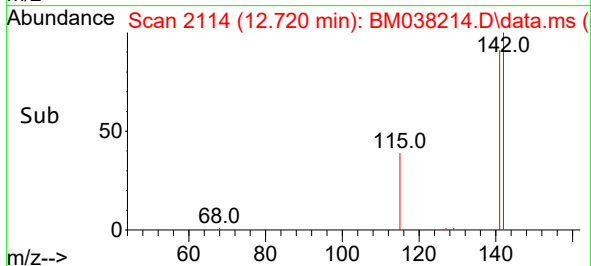
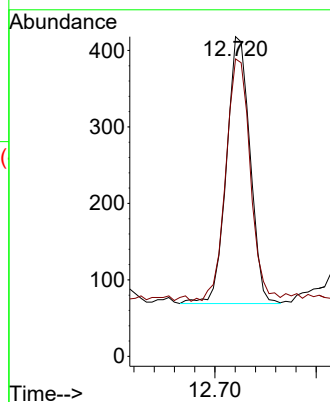
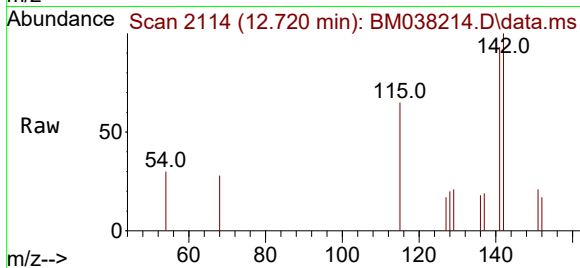
DBXW8

Tgt Ion:142 Resp: 562

Ion Ratio Lower Upper

142 100

141 94.8 74.7 112.1



#10

Acenaphthylene

Concen: 0.025 ng/ul

RT: 14.393 min Scan# 2452

Delta R.T. 0.005 min

Lab File: BM038214.D

Acq: 23 Dec 2022 01:00

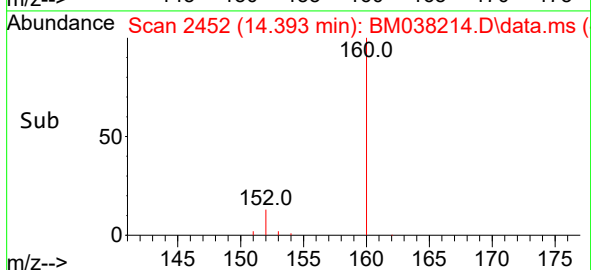
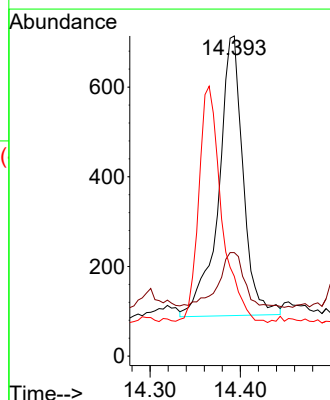
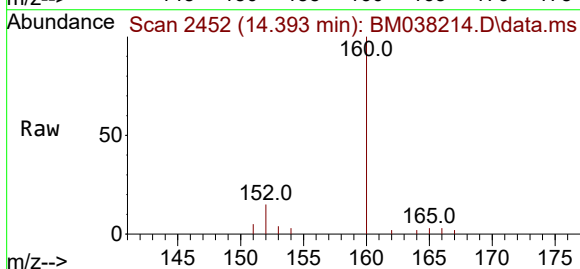
Tgt Ion:152 Resp: 1174

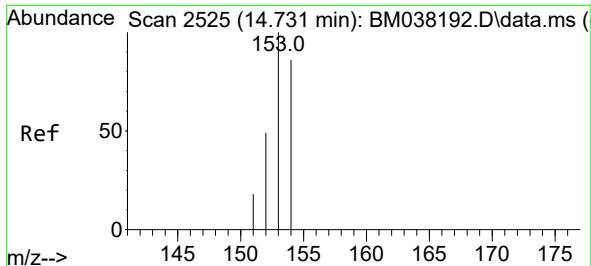
Ion Ratio Lower Upper

152 100

151 32.4 16.2 24.2#

153 24.9 10.7 16.1#

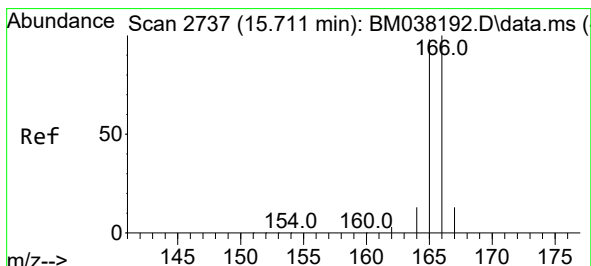
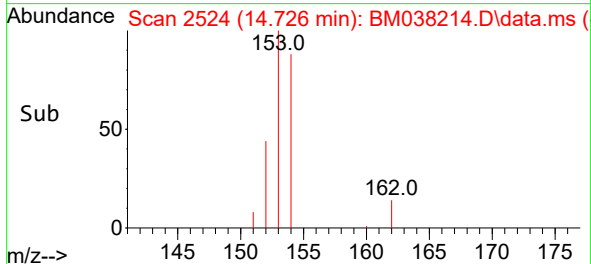
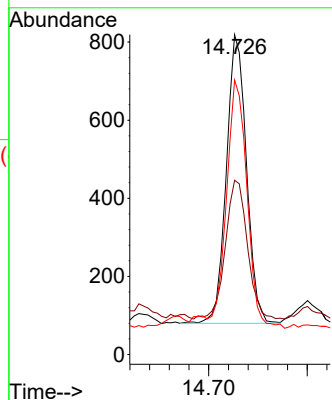
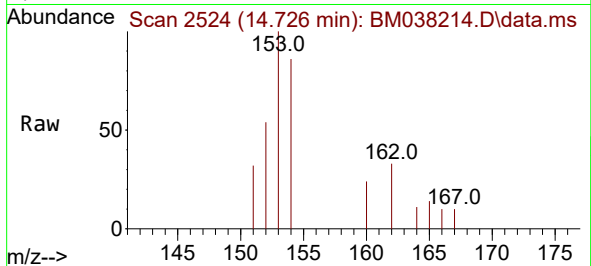




#11  
Acenaphthene  
Concen: 0.031 ng/ul  
RT: 14.726 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BM038214.D  
Acq: 23 Dec 2022 01:00

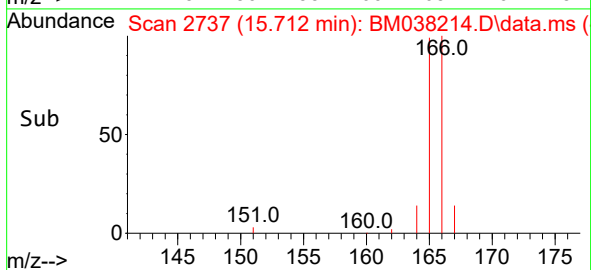
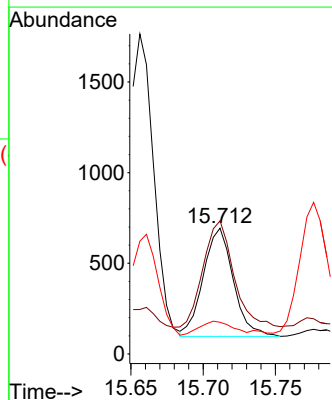
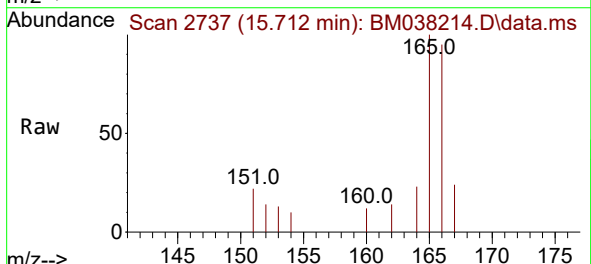
Instrument :  
BNA\_M  
ClientSampleId :  
DBXW8

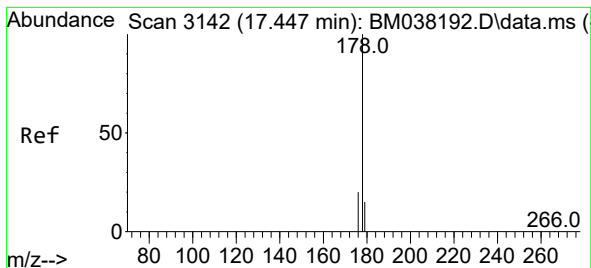
Tgt Ion:153 Resp: 1049  
Ion Ratio Lower Upper  
153 100  
152 54.5 39.4 59.0  
154 85.8 69.0 103.4



#12  
Fluorene  
Concen: 0.024 ng/ul  
RT: 15.712 min Scan# 2737  
Delta R.T. 0.000 min  
Lab File: BM038214.D  
Acq: 23 Dec 2022 01:00

Tgt Ion:166 Resp: 864  
Ion Ratio Lower Upper  
166 100  
165 105.8 79.0 118.6  
167 25.2 11.0 16.6#





#15

Phenanthrene

Concen: 0.338 ng/ul

RT: 17.447 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BM038214.D

Acq: 23 Dec 2022 01:00

Instrument :

BNA\_M

ClientSampleId :

DBXW8

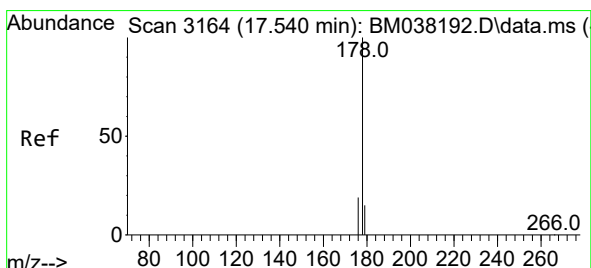
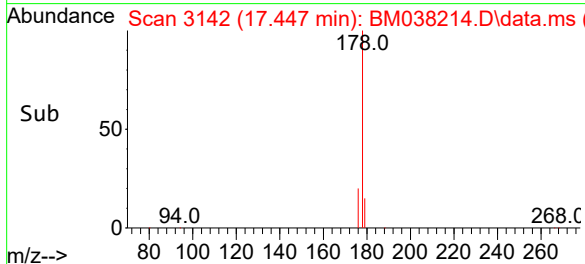
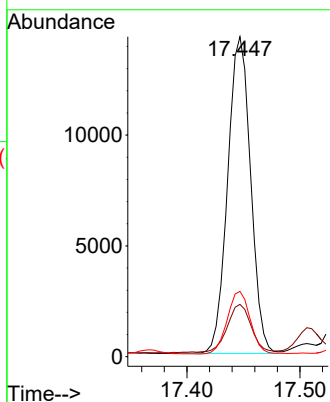
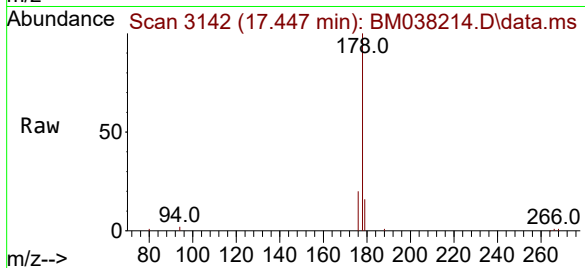
Tgt Ion:178 Resp: 20160

Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.4

176 20.4 16.2 24.4



#16

Anthracene

Concen: 0.073 ng/ul

RT: 17.536 min Scan# 3163

Delta R.T. -0.004 min

Lab File: BM038214.D

Acq: 23 Dec 2022 01:00

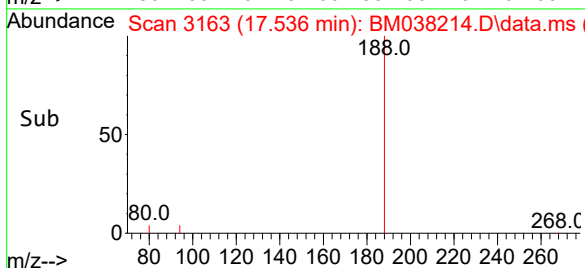
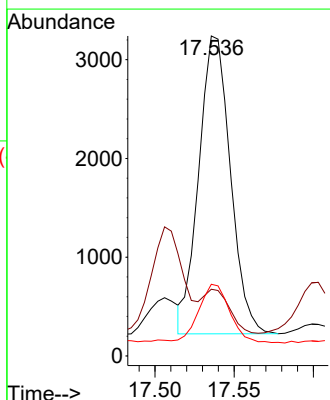
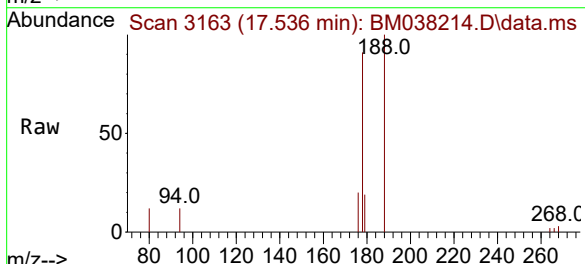
Tgt Ion:178 Resp: 4186

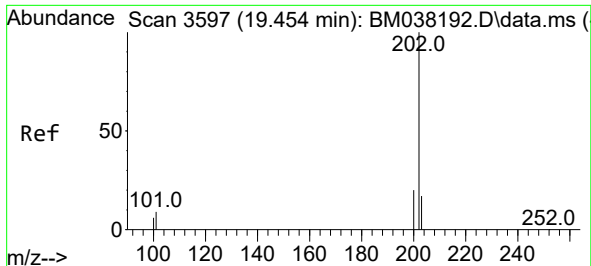
Ion Ratio Lower Upper

178 100

179 20.9 13.0 19.6#

176 22.4 15.6 23.4

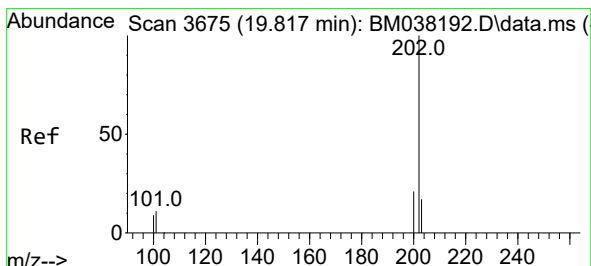
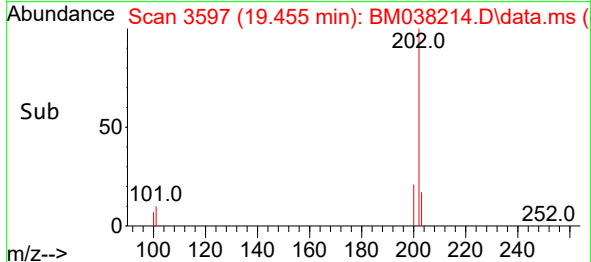
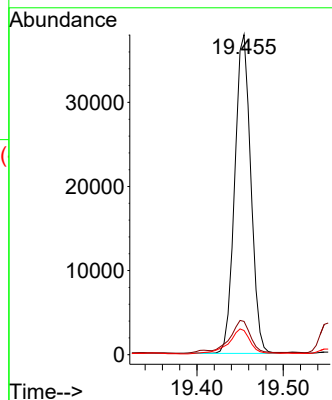
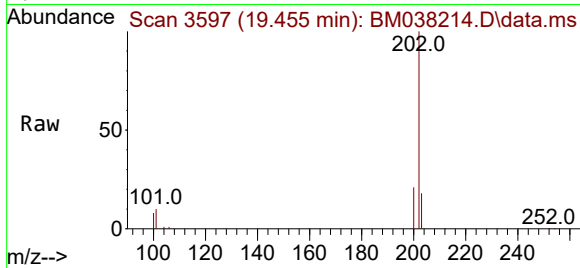




#19  
Fluoranthene  
Concen: 0.716 ng/ul  
RT: 19.455 min Scan# 3597  
Delta R.T. 0.000 min  
Lab File: BM038214.D  
Acq: 23 Dec 2022 01:00

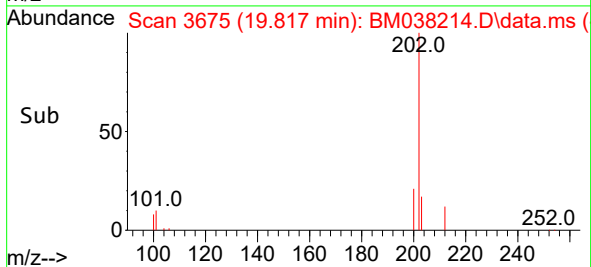
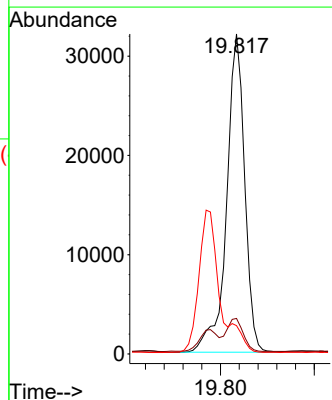
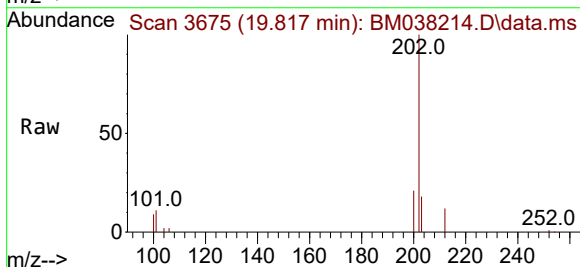
Instrument :  
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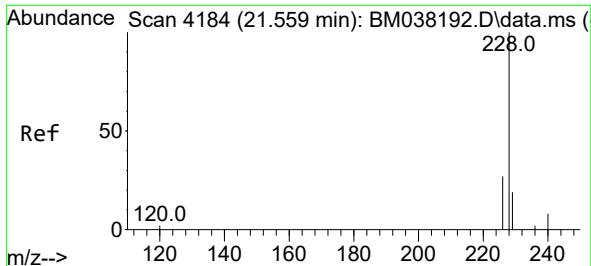
Tgt Ion:202 Resp: 49088  
Ion Ratio Lower Upper  
202 100  
101 10.4 7.5 11.3  
100 7.6 5.6 8.4



#20  
Pyrene  
Concen: 0.617 ng/ul  
RT: 19.817 min Scan# 3675  
Delta R.T. 0.000 min  
Lab File: BM038214.D  
Acq: 23 Dec 2022 01:00

Tgt Ion:202 Resp: 42780  
Ion Ratio Lower Upper  
202 100  
101 11.1 8.9 13.3  
100 8.9 7.4 11.0

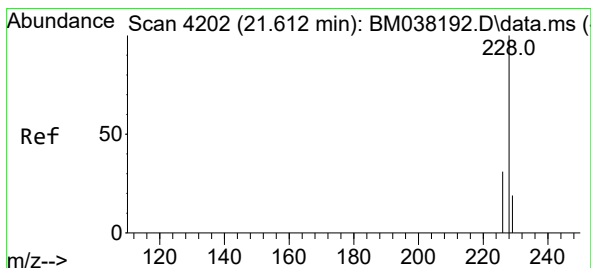
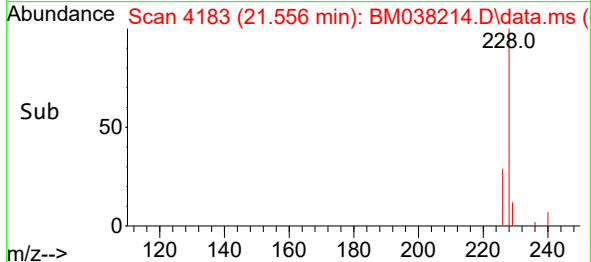
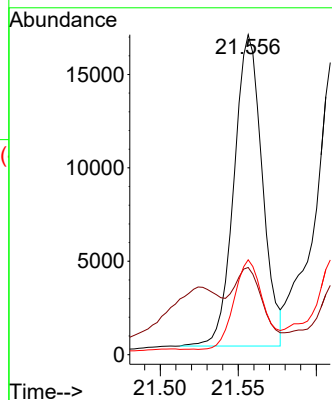
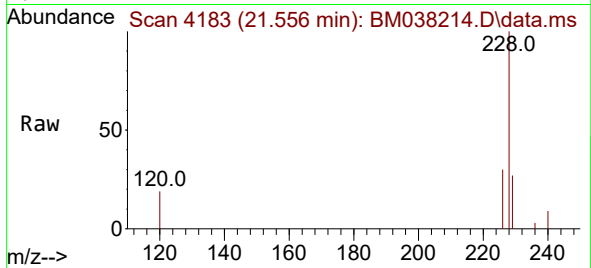




#21  
Benzo(a)anthracene  
Concen: 0.383 ng/ul  
RT: 21.556 min Scan# 4183  
Delta R.T. -0.003 min  
Lab File: BM038214.D  
Acq: 23 Dec 2022 01:00

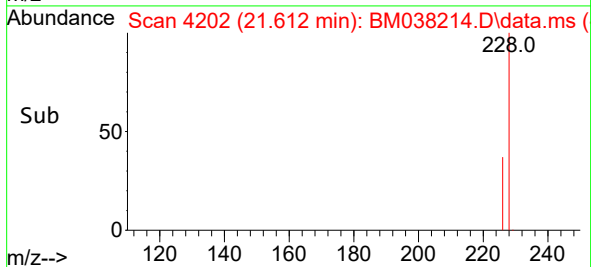
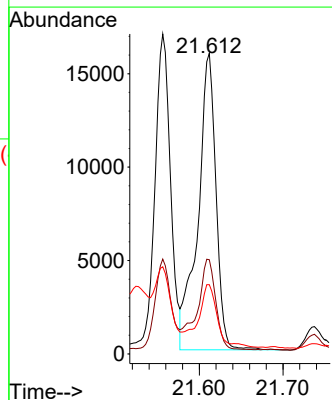
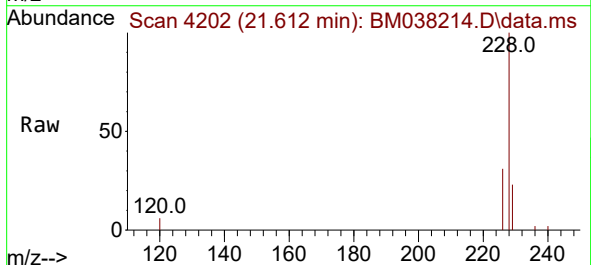
Instrument :  
BNA\_M  
ClientSampleId :  
DBXW8

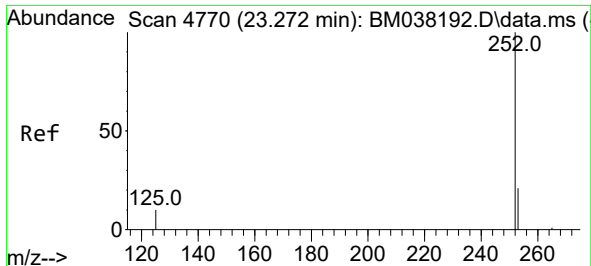
Tgt Ion:228 Resp: 21024  
Ion Ratio Lower Upper  
228 100  
229 27.3 15.5 23.3#  
226 29.7 22.2 33.2



#22  
Chrysene  
Concen: 0.445 ng/ul  
RT: 21.612 min Scan# 4202  
Delta R.T. 0.000 min  
Lab File: BM038214.D  
Acq: 23 Dec 2022 01:00

Tgt Ion:228 Resp: 23775  
Ion Ratio Lower Upper  
228 100  
226 31.3 25.0 37.4  
229 23.0 16.0 24.0

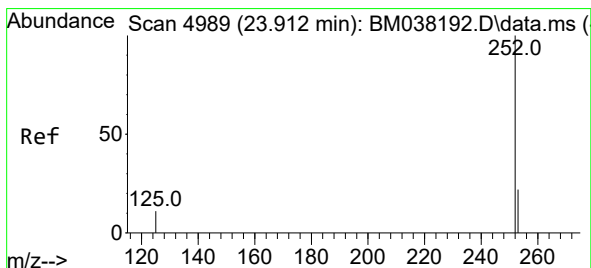
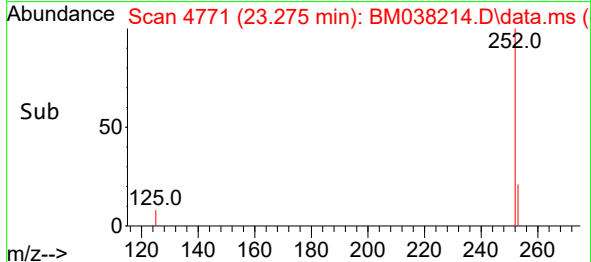
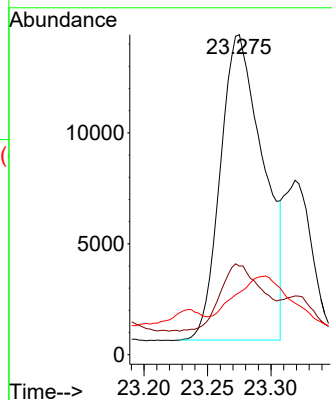
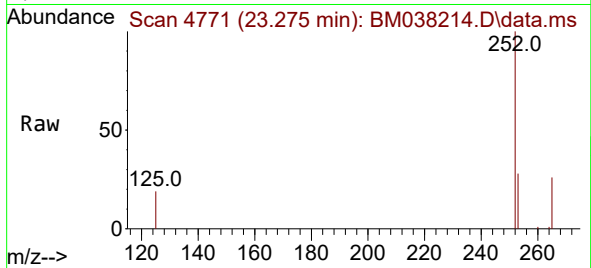




#24  
Benzo(b)fluoranthene  
Concen: 0.639 ng/ul  
RT: 23.275 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: BM038214.D  
Acq: 23 Dec 2022 01:00

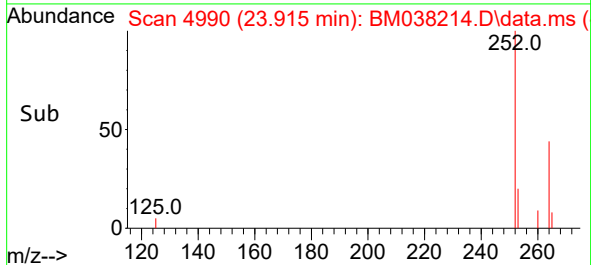
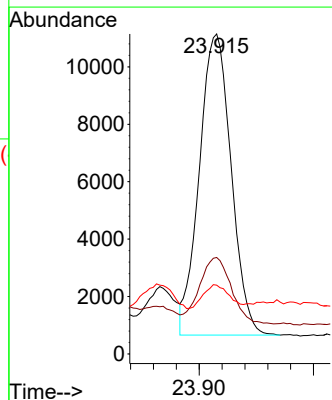
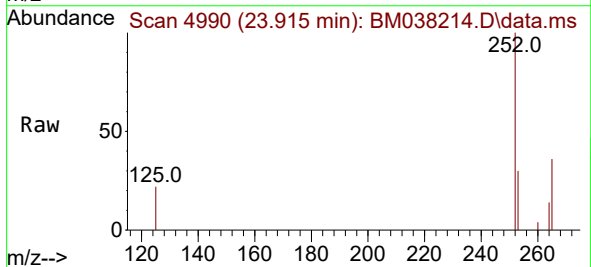
Instrument :  
BNA\_M  
ClientSampleId :  
DBXW8

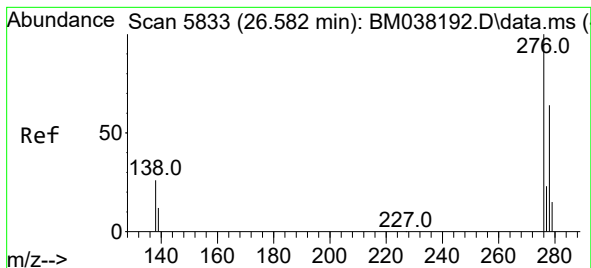
Tgt Ion:252 Resp: 32453  
Ion Ratio Lower Upper  
252 100  
253 27.7 0.0 56.0  
125 19.5 0.0 36.6



#26  
Benzo(a)pyrene  
Concen: 0.457 ng/ul  
RT: 23.915 min Scan# 4990  
Delta R.T. 0.003 min  
Lab File: BM038214.D  
Acq: 23 Dec 2022 01:00

Tgt Ion:252 Resp: 20261  
Ion Ratio Lower Upper  
252 100  
253 30.1 24.2 36.4  
125 21.5 17.3 25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.259 ng/ul

RT: 26.582 min Scan# 5833

Delta R.T. 0.000 min

Lab File: BM038214.D

Acq: 23 Dec 2022 01:00

Instrument :

BNA\_M

ClientSampleId :

DBXW8

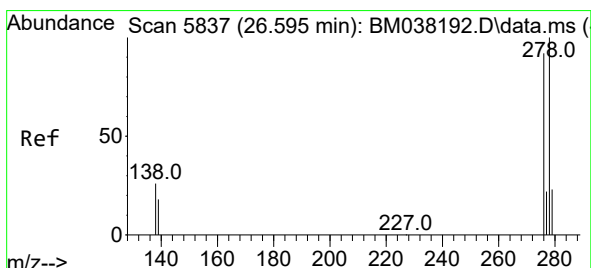
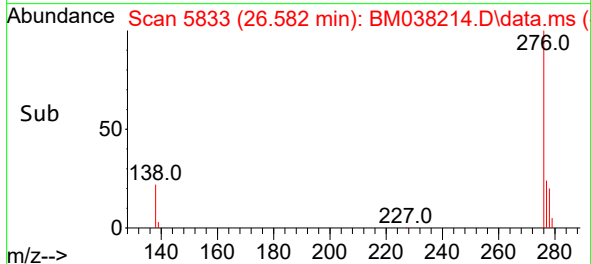
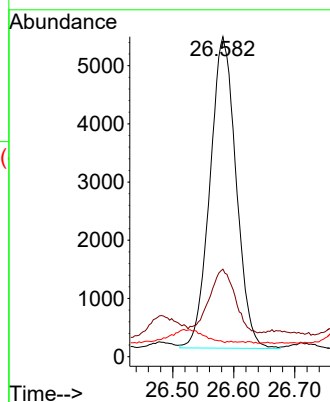
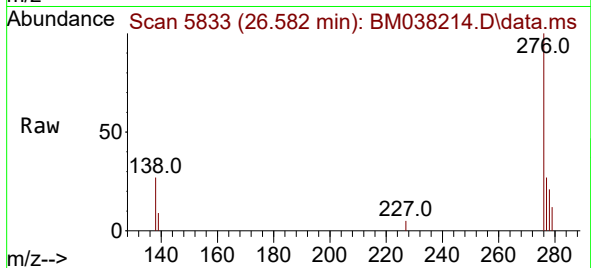
Tgt Ion:276 Resp: 15896

Ion Ratio Lower Upper

276 100

138 22.3 21.7 32.5

227 0.3 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.084 ng/ul

RT: 26.589 min Scan# 5835

Delta R.T. -0.007 min

Lab File: BM038214.D

Acq: 23 Dec 2022 01:00

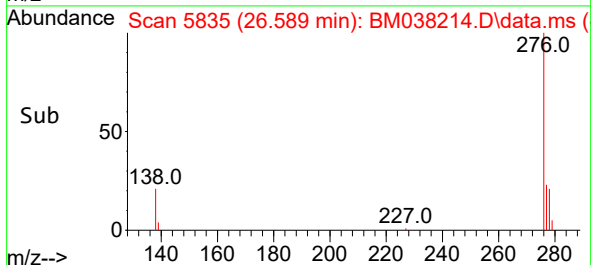
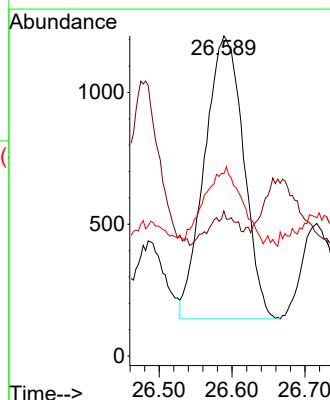
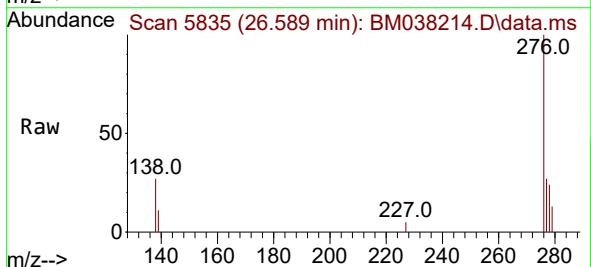
Tgt Ion:278 Resp: 3993

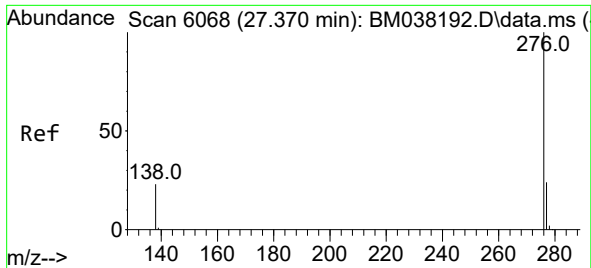
Ion Ratio Lower Upper

278 100

139 45.3 16.8 25.2#

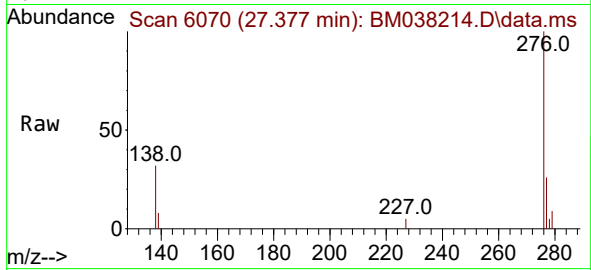
279 56.9 23.4 35.2#





#29  
Benzo(g,h,i)perylene  
Concen: 0.306 ng/ul  
RT: 27.377 min Scan# 6070  
Delta R.T. 0.007 min  
Lab File: BM038214.D  
Acq: 23 Dec 2022 01:00

Instrument :  
BNA\_M  
ClientSampleId :  
DBXW8



Tgt Ion:276 Resp: 15814  
Ion Ratio Lower Upper  
276 100  
138 32.5 20.8 31.2#  
277 26.1 20.5 30.7

