

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
 Data File : BM038213.D  
 Acq On : 23 Dec 2022 00:23  
 Operator : CG/JU  
 Sample : N6008-09  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBYB8

Quant Time: Dec 23 01:50:03 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

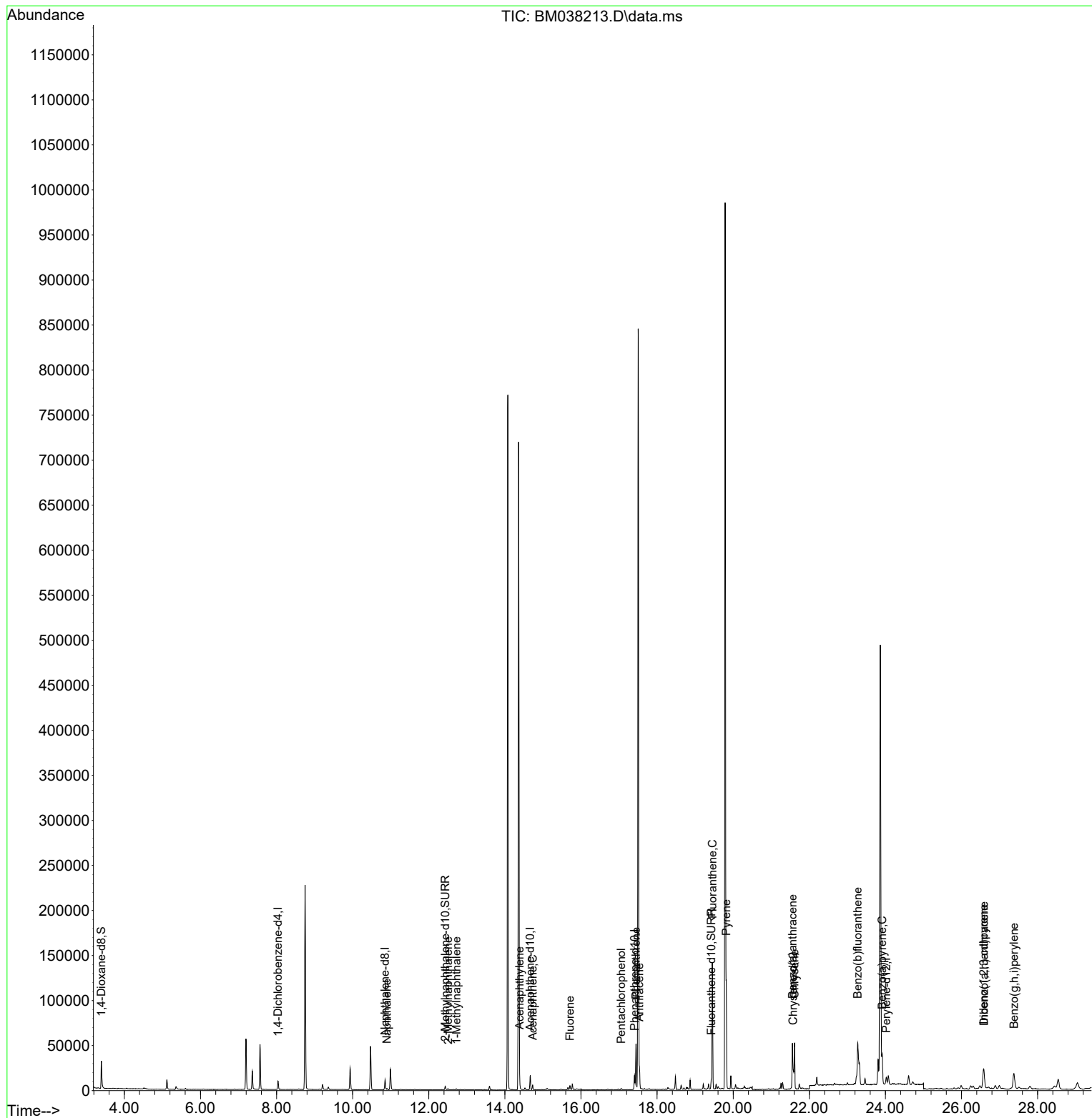
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.038  | 152  | 4834     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.851 | 136  | 14828    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.666 | 164  | 8290     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.405 | 188  | 17131    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.574 | 240  | 11107    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.023 | 264  | 10773    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.398  | 96   | 19456    | 3.957 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.434 | 152  | 5265     | 0.241 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.422 | 212  | 10196    | 0.245 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.900 | 128  | 1925     | 0.044 | ng/ul# | 90       |
| 7) 2-Methylnaphthalene      | 12.506 | 142  | 812      | 0.030 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.726 | 142  | 733      | 0.027 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.389 | 152  | 5996     | 0.131 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.731 | 153  | 3165     | 0.097 | ng/ul  | 98       |
| 12) Fluorene                | 15.712 | 166  | 2890     | 0.082 | ng/ul# | 98       |
| 14) Pentachlorophenol       | 17.059 | 266  | 1026     | 0.120 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.447 | 178  | 51361    | 0.896 | ng/ul  | 99       |
| 16) Anthracene              | 17.536 | 178  | 23274    | 0.423 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.455 | 202  | 115063   | 1.891 | ng/ul  | 100      |
| 20) Pyrene                  | 19.817 | 202  | 97797    | 1.590 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.556 | 228  | 43478    | 0.892 | ng/ul  | 98       |
| 22) Chrysene                | 21.612 | 228  | 55070    | 1.161 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.272 | 252  | 81995    | 1.720 | ng/ul  | 93       |
| 26) Benzo(a)pyrene          | 23.915 | 252  | 47196    | 1.134 | ng/ul# | 89       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.582 | 276  | 39609    | 0.686 | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 26.589 | 278  | 9732     | 0.217 | ng/ul# | 85       |
| 29) Benzo(g,h,i)perylene    | 27.377 | 276  | 39808    | 0.820 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

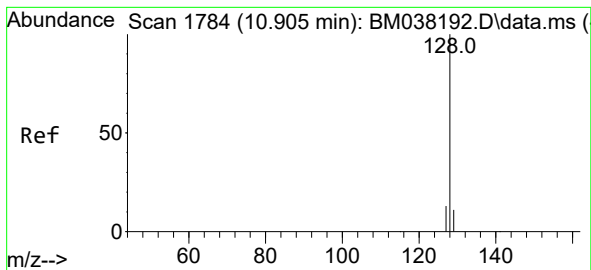
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
Data File : BM038213.D  
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Sample : N6008-09  
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Instrument :  
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DBYB8

Quant Time: Dec 23 01:50:03 2022  
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QLast Update : Thu Dec 22 23:36:45 2022  
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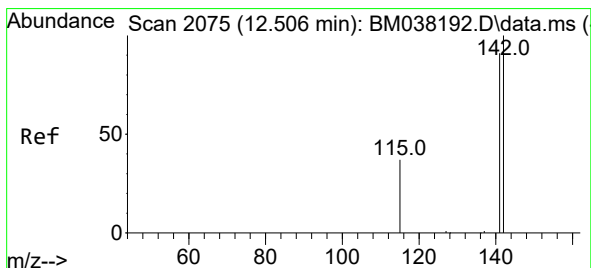
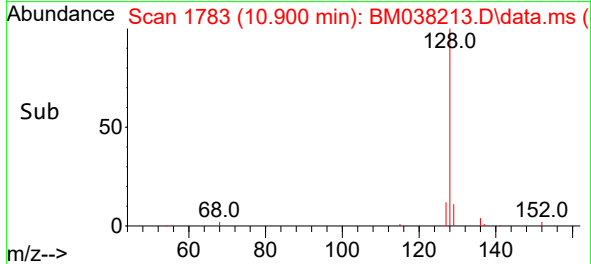
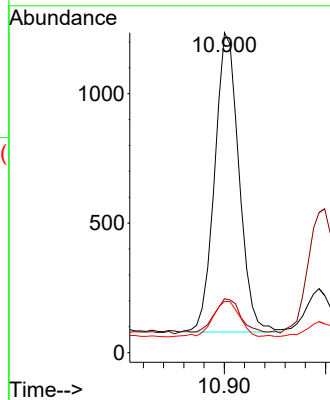
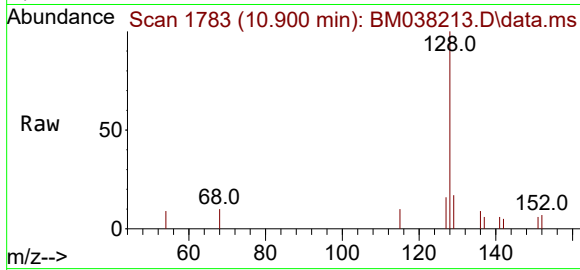




#5  
Naphthalene  
Concen: 0.044 ng/ul  
RT: 10.900 min Scan# 1784  
Delta R.T. -0.005 min  
Lab File: BM038213.D  
Acq: 23 Dec 2022 00:23

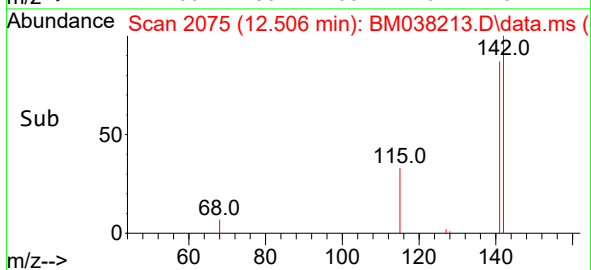
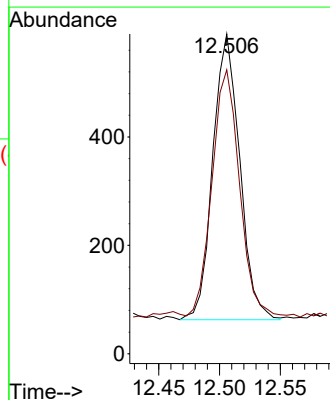
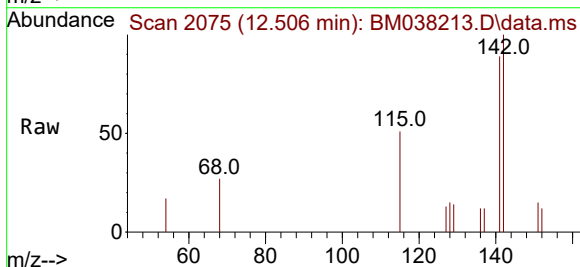
Instrument :  
BNA\_M  
ClientSampleId :  
DBYB8

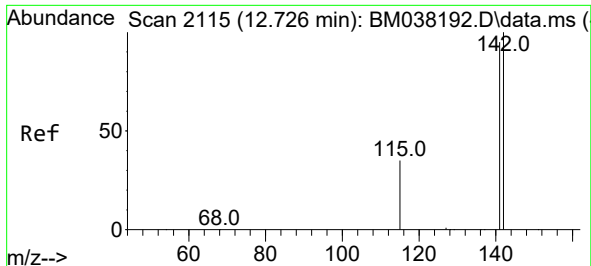
Tgt Ion:128 Resp: 1925  
Ion Ratio Lower Upper  
128 100  
129 16.8 9.4 14.0#  
127 16.0 10.7 16.1



#7  
2-Methylnaphthalene  
Concen: 0.030 ng/ul  
RT: 12.506 min Scan# 2075  
Delta R.T. 0.000 min  
Lab File: BM038213.D  
Acq: 23 Dec 2022 00:23

Tgt Ion:142 Resp: 812  
Ion Ratio Lower Upper  
142 100  
141 88.7 71.9 107.9

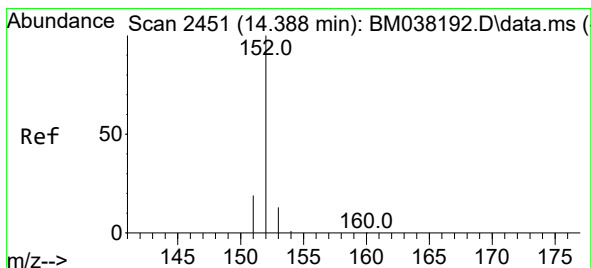
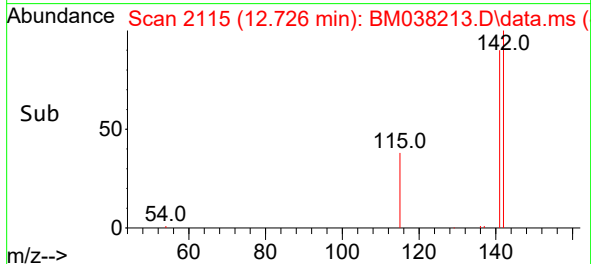
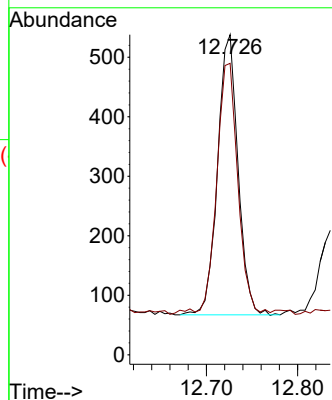
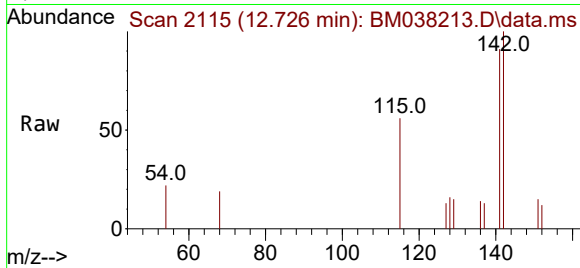




#8  
1-Methylnaphthalene  
Concen: 0.027 ng/ul  
RT: 12.726 min Scan# 2115  
Delta R.T. 0.000 min  
Lab File: BM038213.D  
Acq: 23 Dec 2022 00:23

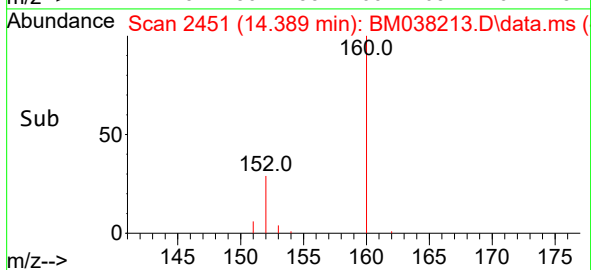
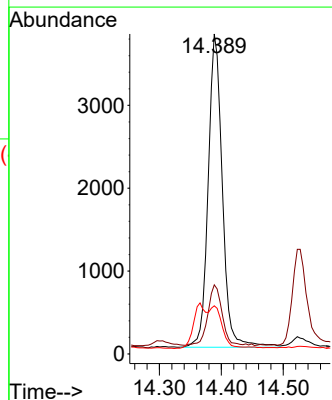
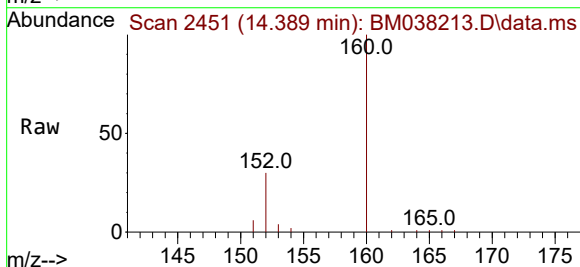
Instrument :  
BNA\_M  
ClientSampleId :  
DBYB8

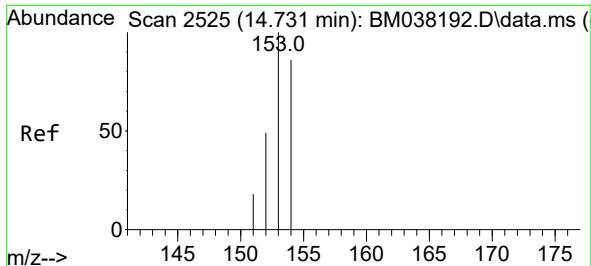
Tgt Ion:142 Resp: 733  
Ion Ratio Lower Upper  
142 100  
141 93.6 74.7 112.1



#10  
Acenaphthylene  
Concen: 0.131 ng/ul  
RT: 14.389 min Scan# 2451  
Delta R.T. 0.000 min  
Lab File: BM038213.D  
Acq: 23 Dec 2022 00:23

Tgt Ion:152 Resp: 5996  
Ion Ratio Lower Upper  
152 100  
151 21.6 16.2 24.2  
153 15.0 10.7 16.1

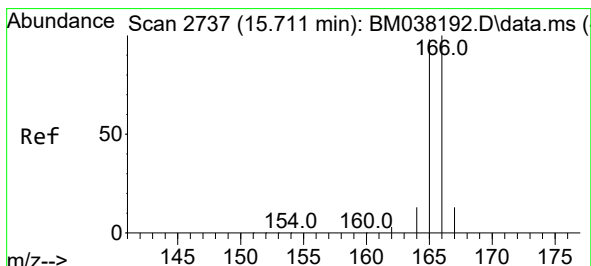
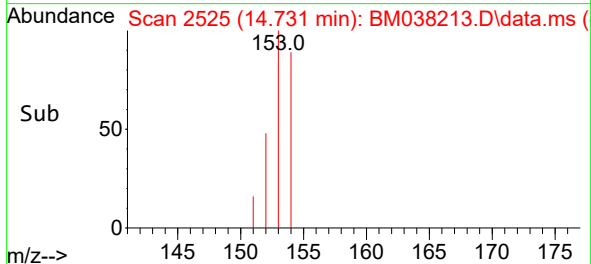
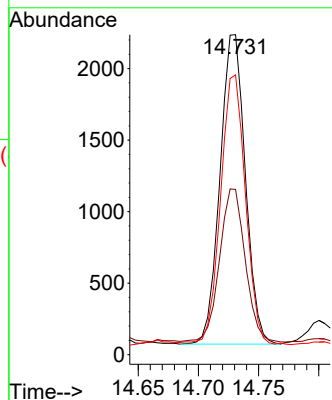
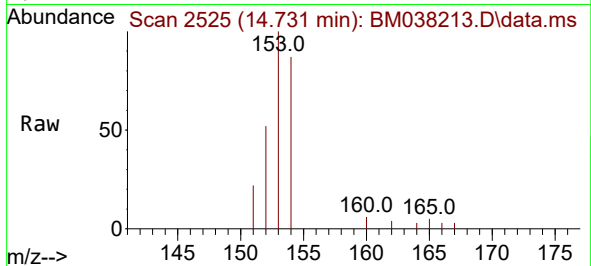




#11  
Acenaphthene  
Concen: 0.097 ng/ul  
RT: 14.731 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM038213.D  
Acq: 23 Dec 2022 00:23

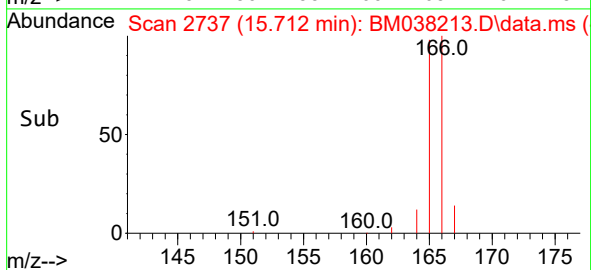
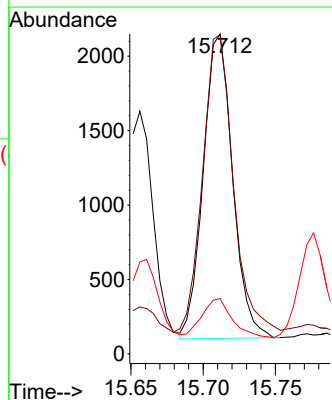
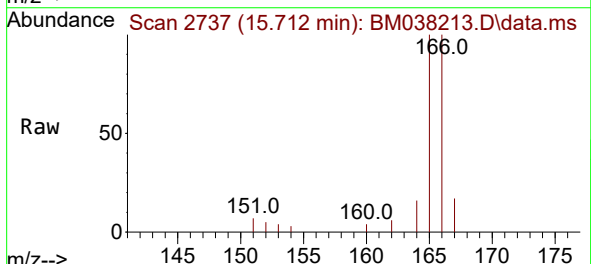
Instrument :  
BNA\_M  
ClientSampleId :  
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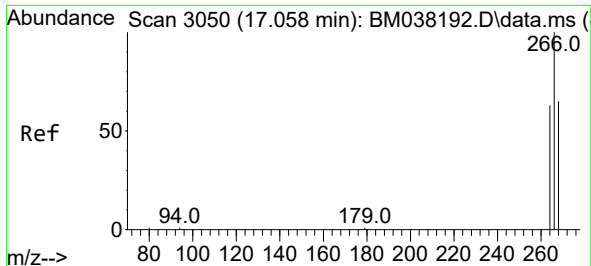
Tgt Ion:153 Resp: 3165  
Ion Ratio Lower Upper  
153 100  
152 51.7 39.4 59.0  
154 87.4 69.0 103.4



#12  
Fluorene  
Concen: 0.082 ng/ul  
RT: 15.712 min Scan# 2737  
Delta R.T. 0.000 min  
Lab File: BM038213.D  
Acq: 23 Dec 2022 00:23

Tgt Ion:166 Resp: 2890  
Ion Ratio Lower Upper  
166 100  
165 99.8 79.0 118.6  
167 17.3 11.0 16.6#

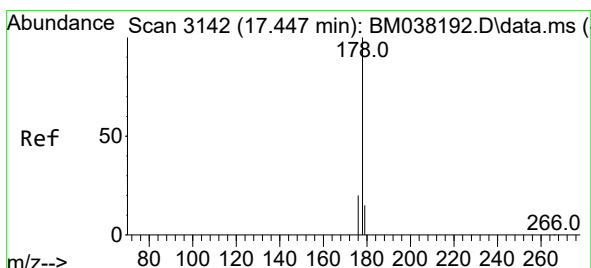
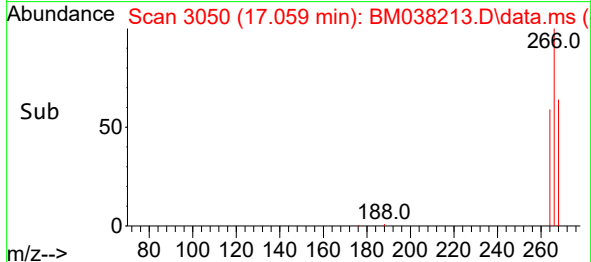
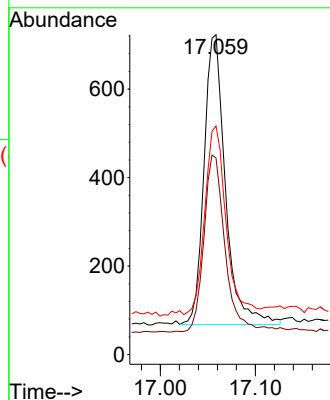
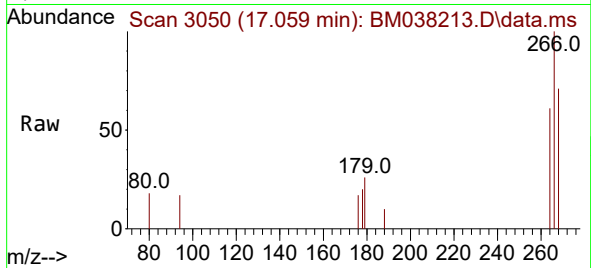




#14  
Pentachlorophenol  
Concen: 0.120 ng/ul  
RT: 17.059 min Scan# 3050  
Delta R.T. 0.000 min  
Lab File: BM038213.D  
Acq: 23 Dec 2022 00:23

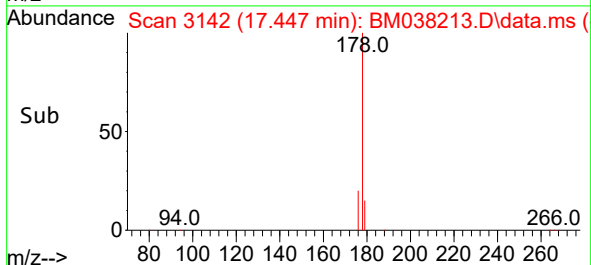
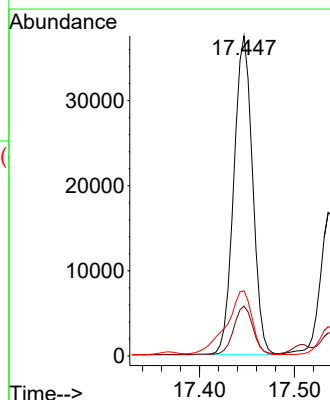
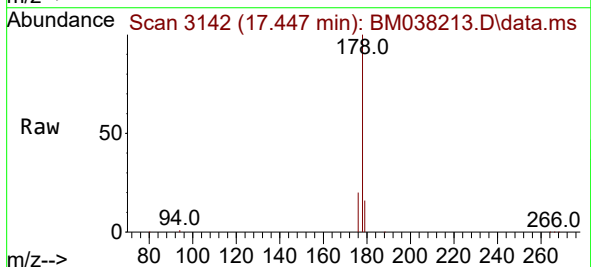
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ClientSampleId :  
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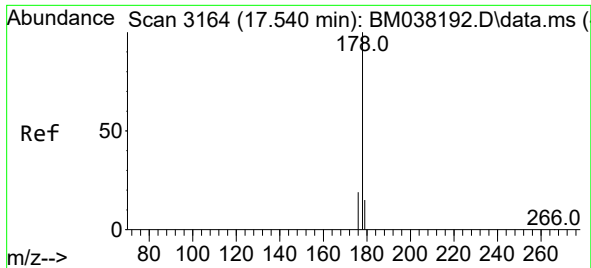
Tgt Ion:266 Resp: 1026  
Ion Ratio Lower Upper  
266 100  
264 61.2 49.9 74.9  
268 64.6 51.2 76.8



#15  
Phenanthrene  
Concen: 0.896 ng/ul  
RT: 17.447 min Scan# 3142  
Delta R.T. 0.000 min  
Lab File: BM038213.D  
Acq: 23 Dec 2022 00:23

Tgt Ion:178 Resp: 51361  
Ion Ratio Lower Upper  
178 100  
179 15.6 13.0 19.4  
176 20.4 16.2 24.4

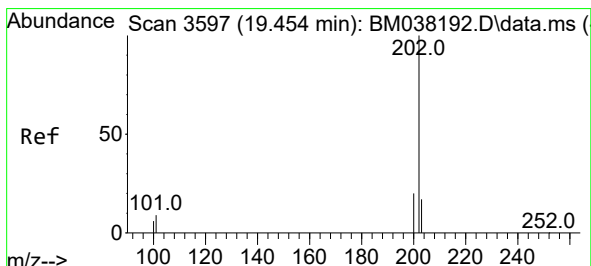
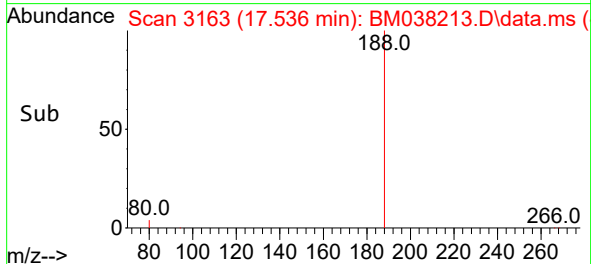
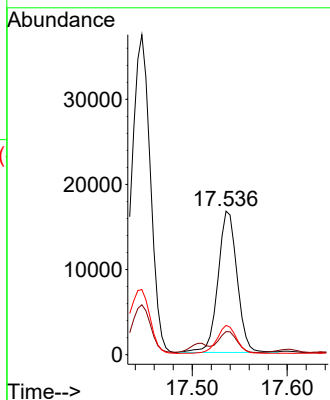
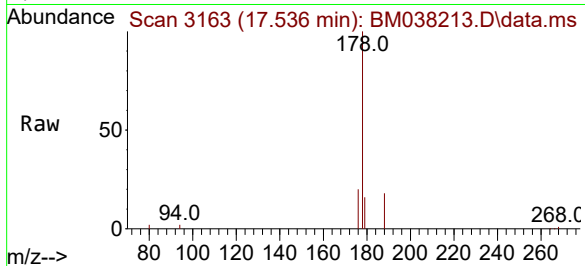




#16  
 Anthracene  
 Concen: 0.423 ng/ul  
 RT: 17.536 min Scan# 3163  
 Delta R.T. -0.004 min  
 Lab File: BM038213.D  
 Acq: 23 Dec 2022 00:23

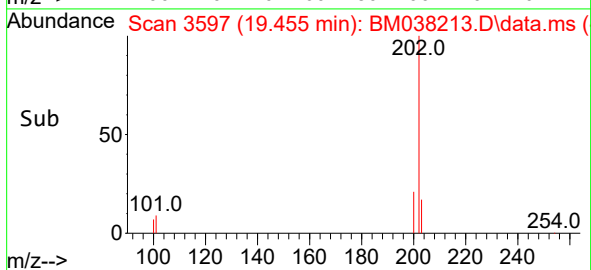
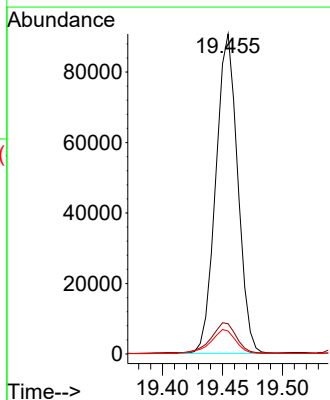
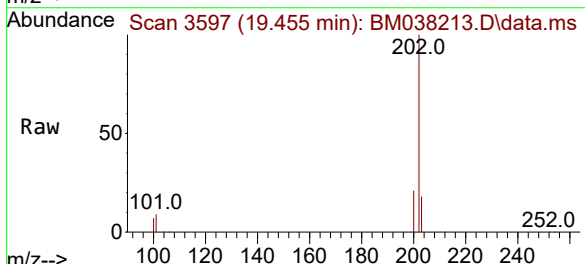
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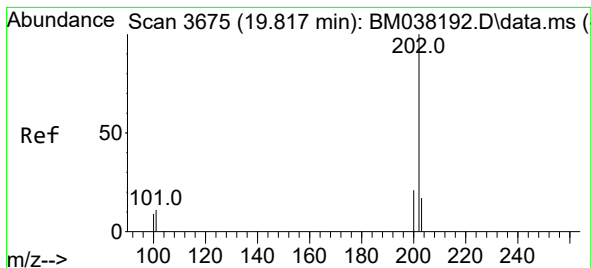
Tgt Ion:178 Resp: 23274  
 Ion Ratio Lower Upper  
 178 100  
 179 16.1 13.0 19.6  
 176 20.4 15.6 23.4



#19  
 Fluoranthene  
 Concen: 1.891 ng/ul  
 RT: 19.455 min Scan# 3597  
 Delta R.T. 0.000 min  
 Lab File: BM038213.D  
 Acq: 23 Dec 2022 00:23

Tgt Ion:202 Resp: 115063  
 Ion Ratio Lower Upper  
 202 100  
 101 9.5 7.5 11.3  
 100 7.2 5.6 8.4





#20

Pyrene

Concen: 1.590 ng/ul

RT: 19.817 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM038213.D

Acq: 23 Dec 2022 00:23

Instrument :

BNA\_M

ClientSampleId :

DBYB8

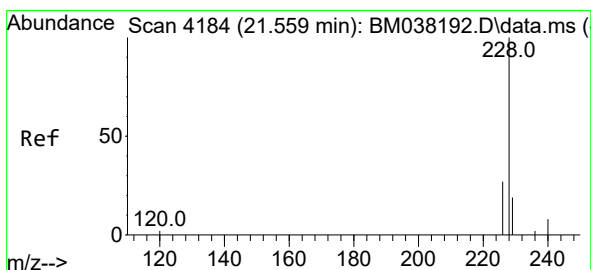
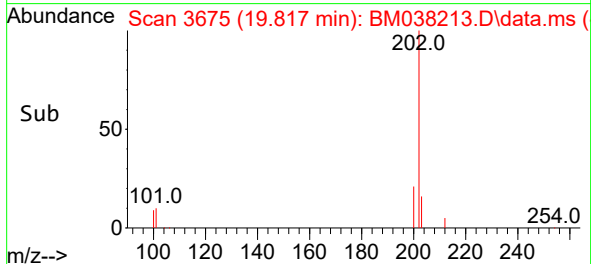
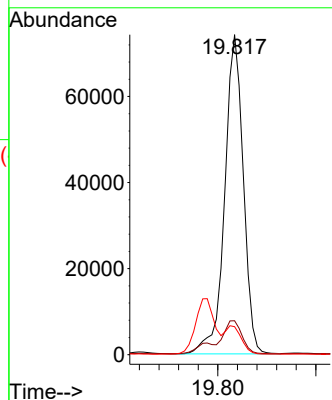
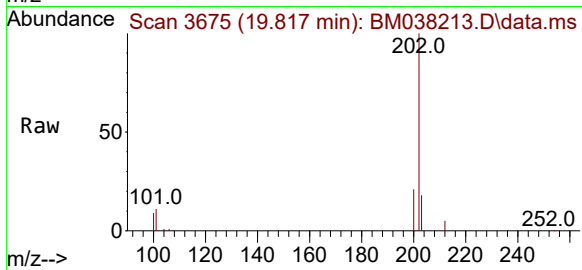
Tgt Ion:202 Resp: 97797

Ion Ratio Lower Upper

202 100

101 10.6 8.9 13.3

100 8.8 7.4 11.0



#21

Benzo(a)anthracene

Concen: 0.892 ng/ul

RT: 21.556 min Scan# 4183

Delta R.T. -0.003 min

Lab File: BM038213.D

Acq: 23 Dec 2022 00:23

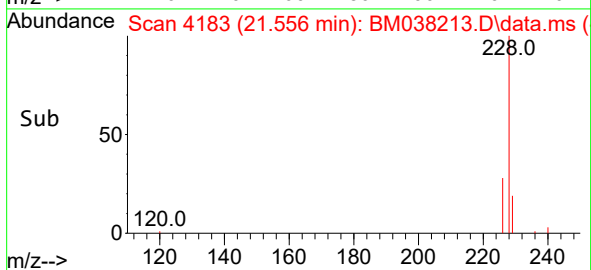
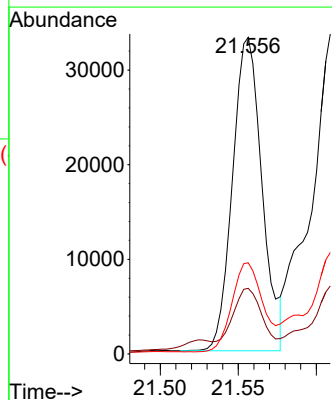
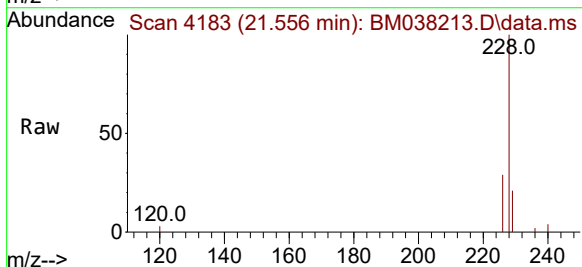
Tgt Ion:228 Resp: 43478

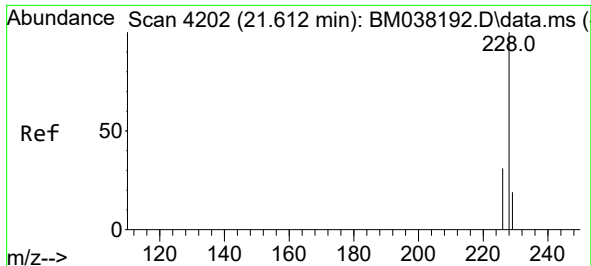
Ion Ratio Lower Upper

228 100

229 20.7 15.5 23.3

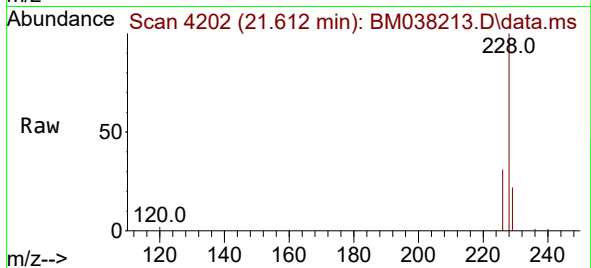
226 28.8 22.2 33.2



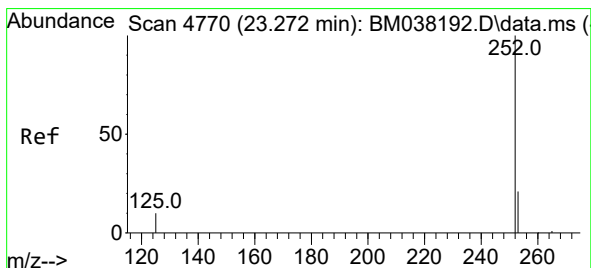
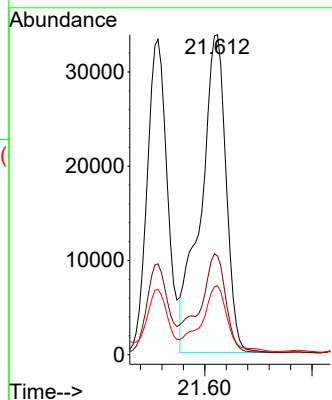
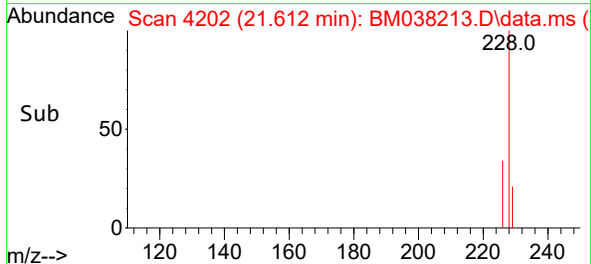


#22  
Chrysene  
Concen: 1.161 ng/ul  
RT: 21.612 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: BM038213.D  
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Instrument :  
BNA\_M  
ClientSampleId :  
DBYB8

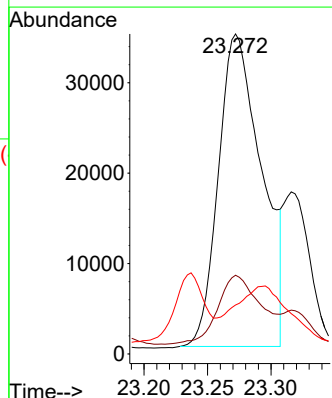
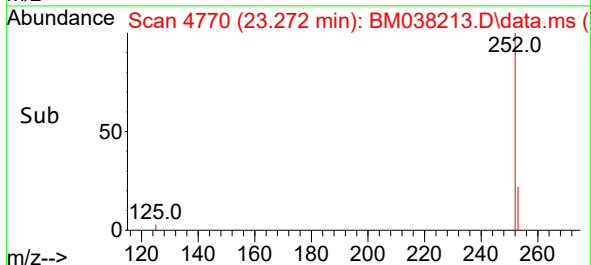
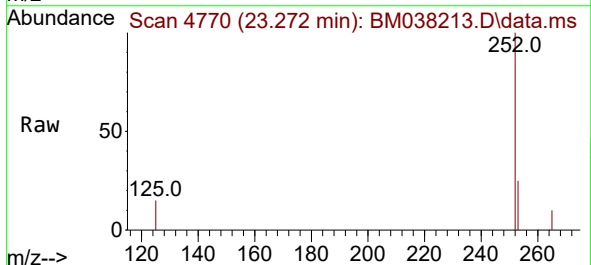


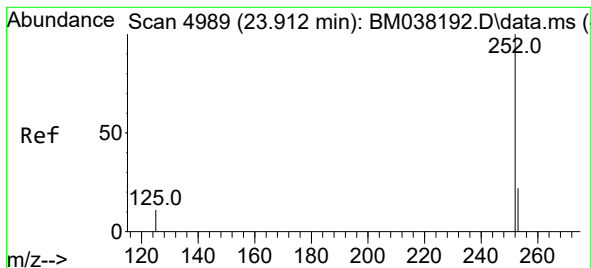
Tgt Ion:228 Resp: 55070  
Ion Ratio Lower Upper  
228 100  
226 30.8 25.0 37.4  
229 21.6 16.0 24.0



#24  
Benzo(b)fluoranthene  
Concen: 1.720 ng/ul  
RT: 23.272 min Scan# 4770  
Delta R.T. 0.000 min  
Lab File: BM038213.D  
Acq: 23 Dec 2022 00:23

Tgt Ion:252 Resp: 81995  
Ion Ratio Lower Upper  
252 100  
253 24.6 0.0 56.0  
125 15.3 0.0 36.6





#26

Benzo(a)pyrene

Concen: 1.134 ng/ul

RT: 23.915 min Scan# 4989

Delta R.T. 0.003 min

Lab File: BM038213.D

Acq: 23 Dec 2022 00:23

Instrument :

BNA\_M

ClientSampleId :

DBYB8

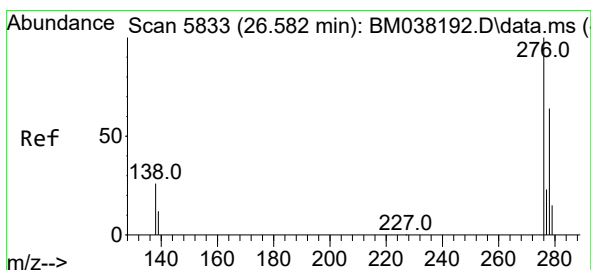
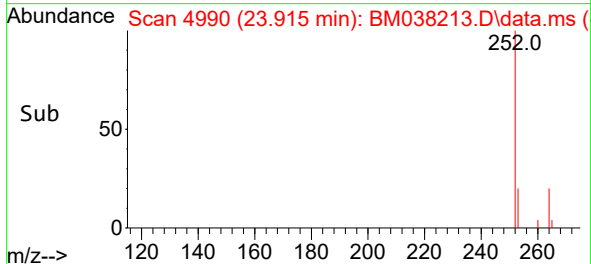
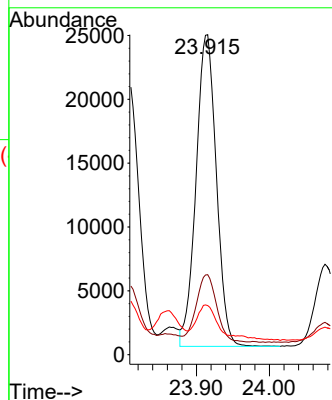
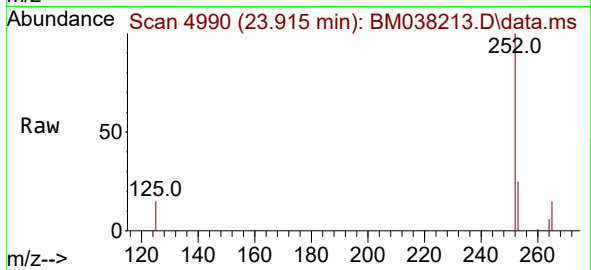
Tgt Ion:252 Resp: 47196

Ion Ratio Lower Upper

252 100

253 25.0 24.2 36.4

125 15.4 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.686 ng/ul

RT: 26.582 min Scan# 5833

Delta R.T. 0.000 min

Lab File: BM038213.D

Acq: 23 Dec 2022 00:23

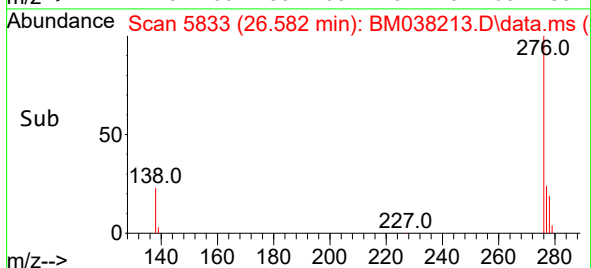
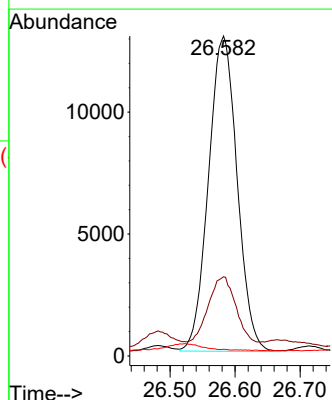
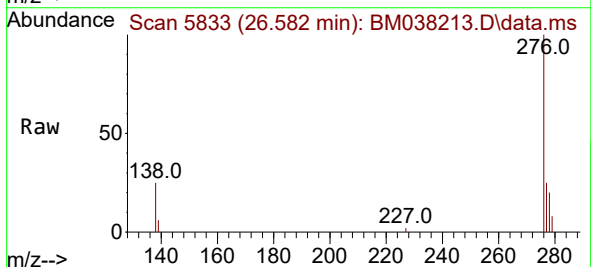
Tgt Ion:276 Resp: 39609

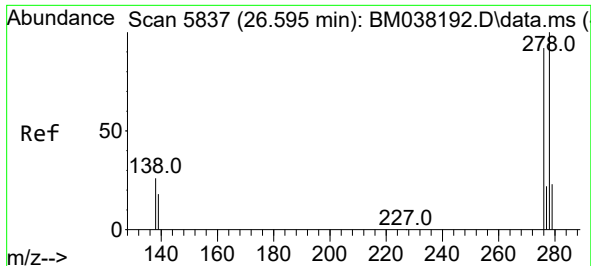
Ion Ratio Lower Upper

276 100

138 22.8 21.7 32.5

227 0.0 0.0 0.0

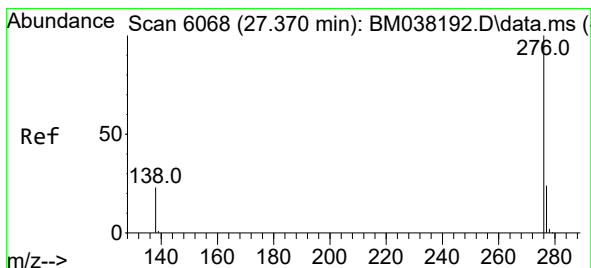
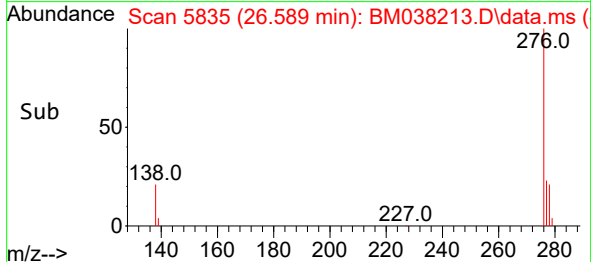
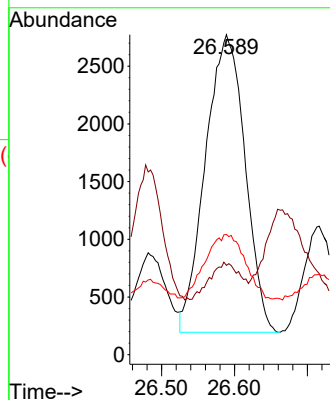
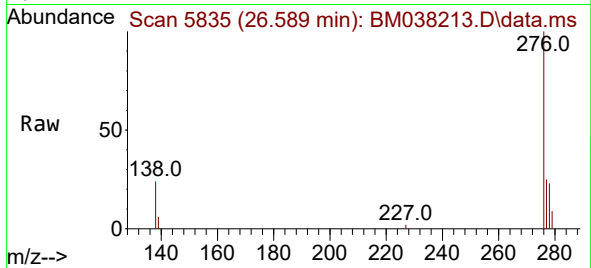




#28  
 Dibenzo(a,h)anthracene  
 Concen: 0.217 ng/ul  
 RT: 26.589 min Scan# 5835  
 Delta R.T. -0.007 min  
 Lab File: BM038213.D  
 Acq: 23 Dec 2022 00:23

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBYB8

Tgt Ion:278 Resp: 9732  
 Ion Ratio Lower Upper  
 278 100  
 139 27.9 16.8 25.2#  
 279 37.6 23.4 35.2#



#29  
 Benzo(g,h,i)perylene  
 Concen: 0.820 ng/ul  
 RT: 27.377 min Scan# 6070  
 Delta R.T. 0.007 min  
 Lab File: BM038213.D  
 Acq: 23 Dec 2022 00:23

Tgt Ion:276 Resp: 39808  
 Ion Ratio Lower Upper  
 276 100  
 138 24.6 20.8 31.2  
 277 24.2 20.5 30.7

