

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102122\  
 Data File : BM037167.D  
 Acq On : 21 Oct 2022 09:50  
 Operator : CG/JU  
 Sample : N5015-07  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C1BG4

Quant Time: Oct 22 02:31:14 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM101922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 20 02:11:25 2022  
 Response via : Initial Calibration

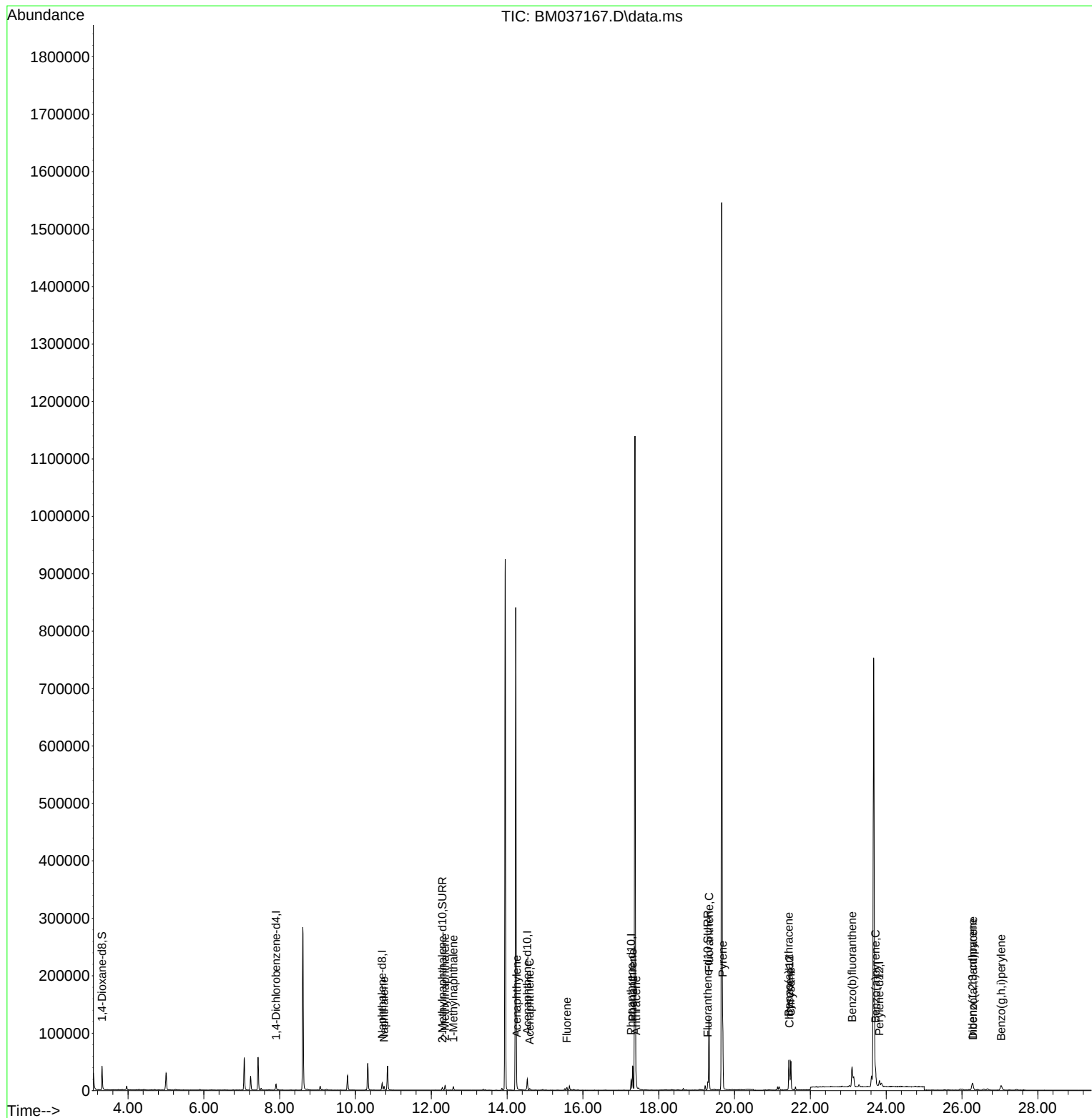
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.905  | 152  | 5150     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.704 | 136  | 16703    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.534 | 164  | 10215    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.272 | 188  | 21529    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.449 | 240  | 17475    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.823 | 264  | 14234    | 0.400 | ng/ul  | #-0.01   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.314  | 96   | 26599    | 4.236 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.294 | 152  | 6188     | 0.261 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.295 | 212  | 14725    | 0.279 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.754 | 128  | 8550     | 0.173 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.365 | 142  | 6012     | 0.203 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.585 | 142  | 4202     | 0.139 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.257 | 152  | 2457     | 0.056 | ng/ul# | 87       |
| 11) Acenaphthene            | 14.594 | 153  | 1654     | 0.042 | ng/ul  | 99       |
| 12) Fluorene                | 15.580 | 166  | 2811     | 0.061 | ng/ul# | 97       |
| 15) Phenanthrene            | 17.314 | 178  | 42426    | 0.584 | ng/ul  | 99       |
| 16) Anthracene              | 17.407 | 178  | 8491     | 0.148 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.327 | 202  | 105977   | 1.396 | ng/ul  | 98       |
| 20) Pyrene                  | 19.690 | 202  | 92041    | 1.196 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.432 | 228  | 40807    | 0.602 | ng/ul  | 99       |
| 22) Chrysene                | 21.484 | 228  | 50954    | 0.653 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.101 | 252  | 60494    | 0.802 | ng/ul  | 98       |
| 26) Benzo(a)pyrene          | 23.717 | 252  | 33883    | 0.560 | ng/ul# | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.278 | 276  | 21406    | 0.253 | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 26.292 | 278  | 4947     | 0.074 | ng/ul# | 80       |
| 29) Benzo(g,h,i)perylene    | 27.033 | 276  | 18016    | 0.242 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

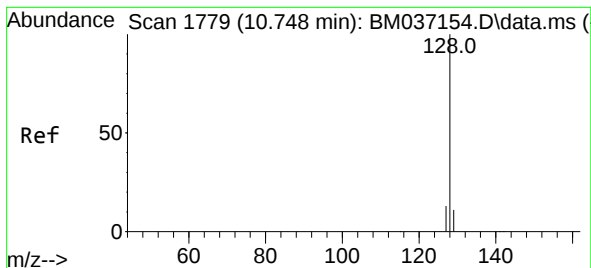
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102122\  
Data File : BM037167.D  
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Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C1BG4

Quant Time: Oct 22 02:31:14 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM101922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 20 02:11:25 2022  
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.173 ng/ul

RT: 10.754 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037167.D

Acq: 21 Oct 2022 09:50

Instrument :

BNA\_N

ClientSampleId :

C1BG4

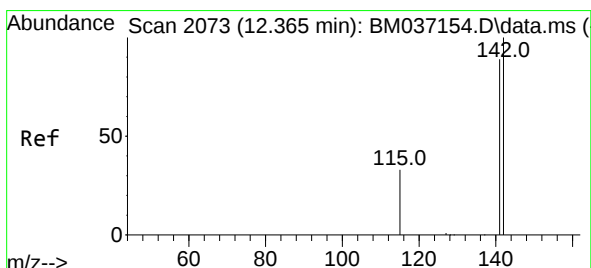
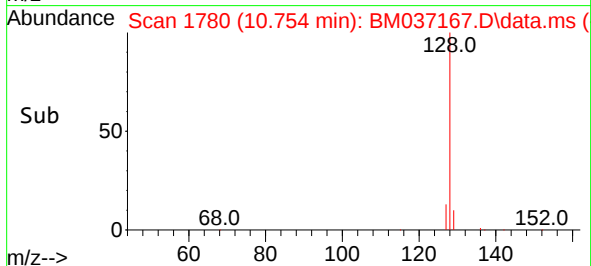
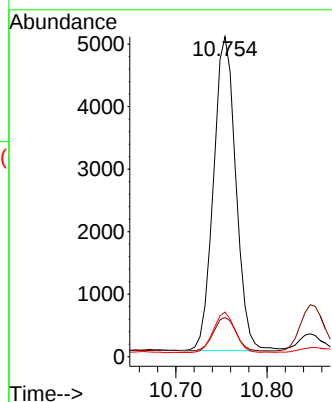
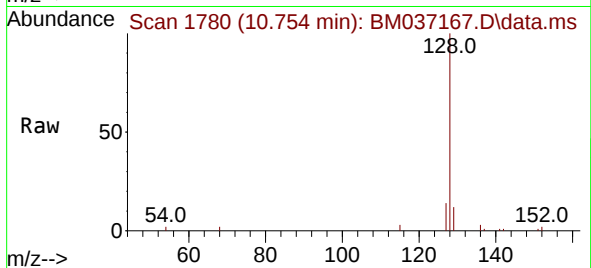
Tgt Ion:128 Resp: 8550

Ion Ratio Lower Upper

128 100

129 12.2 9.3 13.9

127 13.9 10.5 15.7



#7

2-Methylnaphthalene

Concen: 0.203 ng/ul

RT: 12.365 min Scan# 2073

Delta R.T. -0.006 min

Lab File: BM037167.D

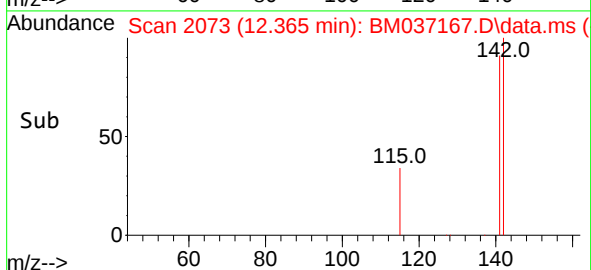
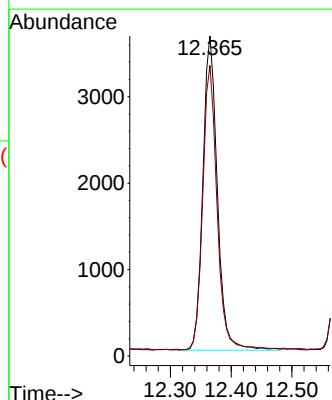
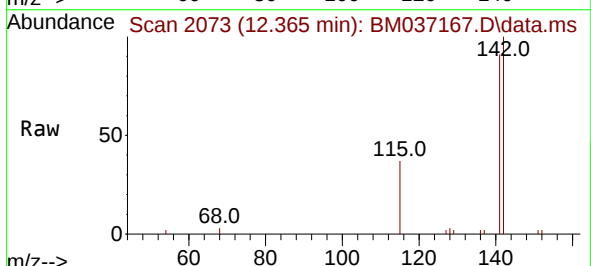
Acq: 21 Oct 2022 09:50

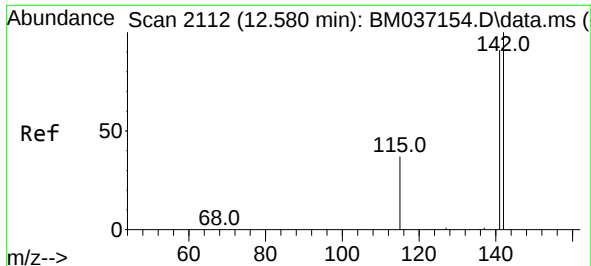
Tgt Ion:142 Resp: 6012

Ion Ratio Lower Upper

142 100

141 89.9 72.8 109.2

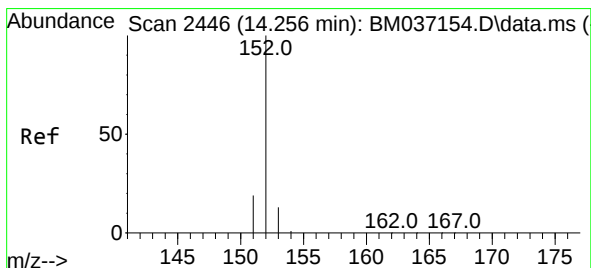
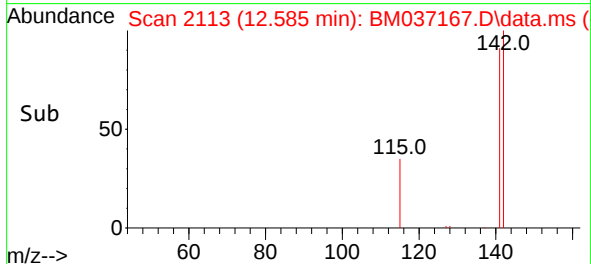
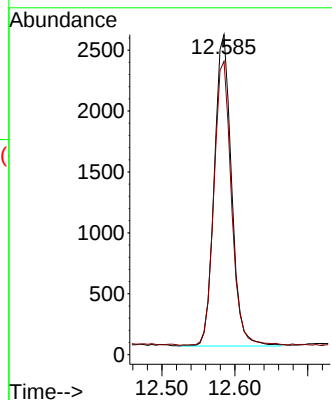
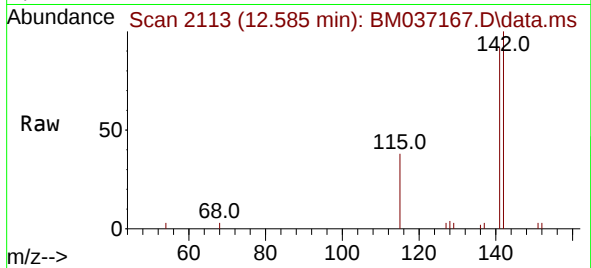




#8  
1-Methylnaphthalene  
Concen: 0.139 ng/ul  
RT: 12.585 min Scan# 2112  
Delta R.T. -0.006 min  
Lab File: BM037167.D  
Acq: 21 Oct 2022 09:50

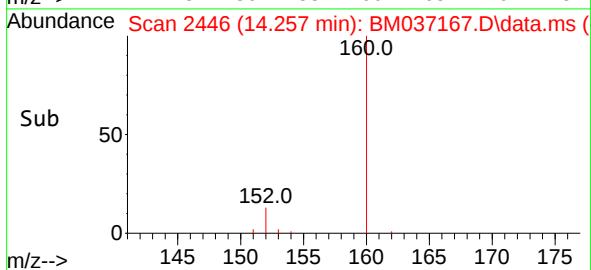
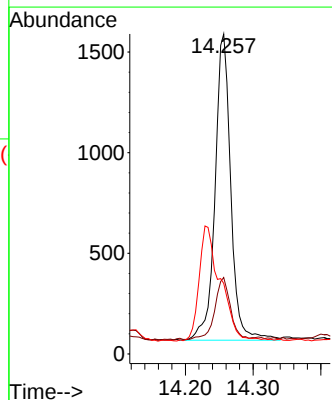
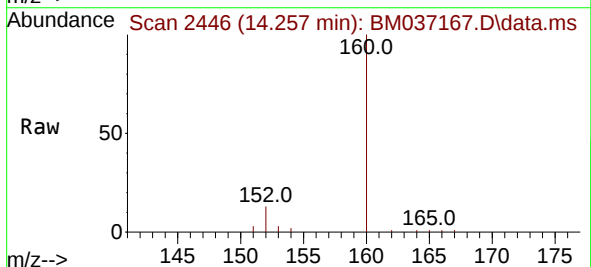
Instrument :  
BNA\_N  
ClientSampleId :  
C1BG4

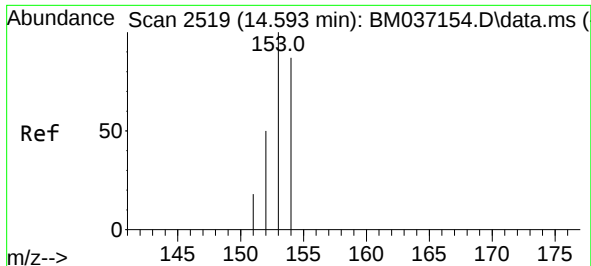
Tgt Ion:142 Resp: 4202  
Ion Ratio Lower Upper  
142 100  
141 92.4 74.2 111.4



#10  
Acenaphthylene  
Concen: 0.056 ng/ul  
RT: 14.257 min Scan# 2446  
Delta R.T. -0.004 min  
Lab File: BM037167.D  
Acq: 21 Oct 2022 09:50

Tgt Ion:152 Resp: 2457  
Ion Ratio Lower Upper  
152 100  
151 23.9 16.2 24.2  
153 22.0 10.8 16.2#

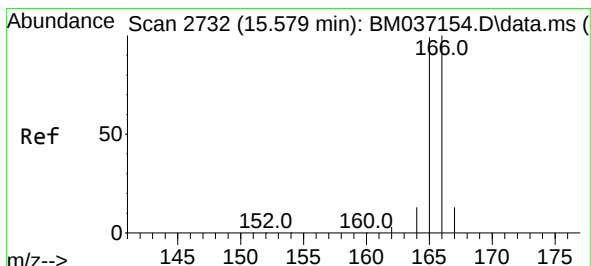
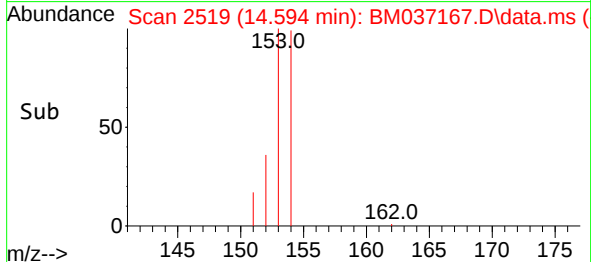
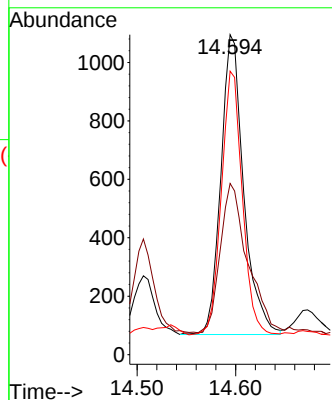
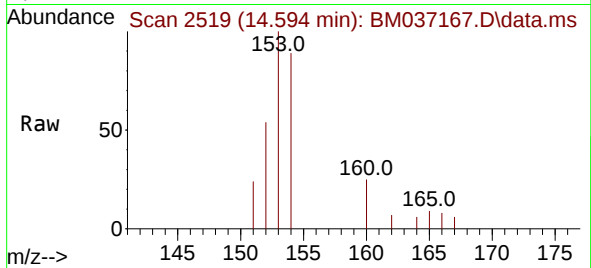




#11  
Acenaphthene  
Concen: 0.042 ng/ul  
RT: 14.594 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BM037167.D  
Acq: 21 Oct 2022 09:50

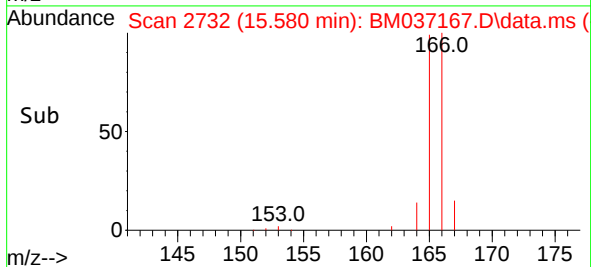
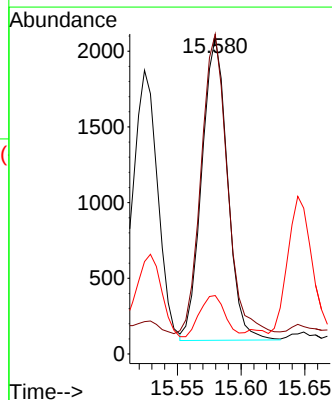
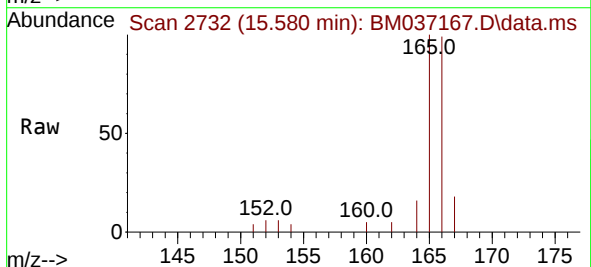
Instrument :  
BNA\_N  
ClientSampleId :  
C1BG4

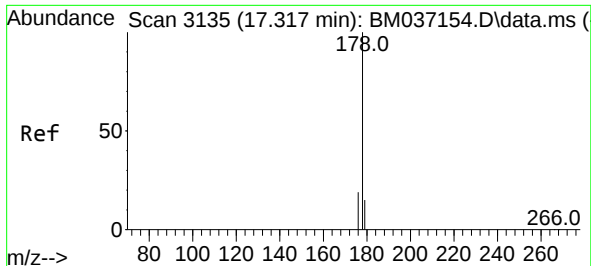
Tgt Ion:153 Resp: 1654  
Ion Ratio Lower Upper  
153 100  
152 53.5 43.3 64.9  
154 88.6 70.0 105.0



#12  
Fluorene  
Concen: 0.061 ng/ul  
RT: 15.580 min Scan# 2732  
Delta R.T. -0.004 min  
Lab File: BM037167.D  
Acq: 21 Oct 2022 09:50

Tgt Ion:166 Resp: 2811  
Ion Ratio Lower Upper  
166 100  
165 101.1 79.4 119.2  
167 18.5 11.3 16.9#

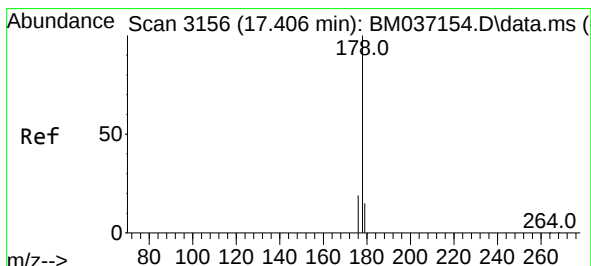
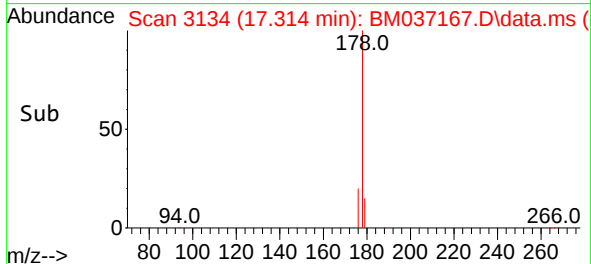
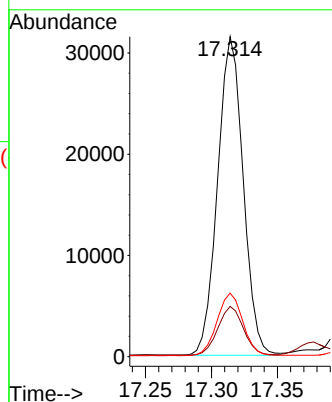
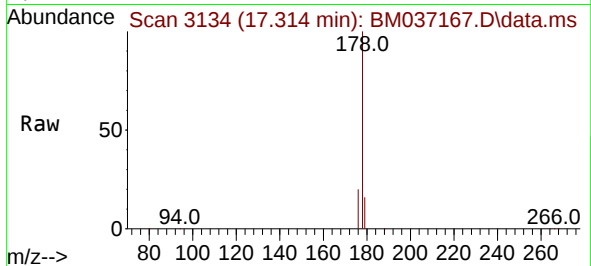




#15  
Phenanthrene  
Concen: 0.584 ng/ul  
RT: 17.314 min Scan# 3135  
Delta R.T. -0.008 min  
Lab File: BM037167.D  
Acq: 21 Oct 2022 09:50

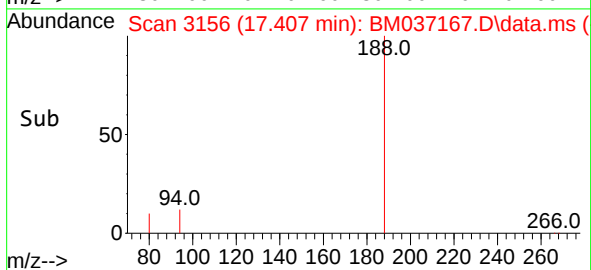
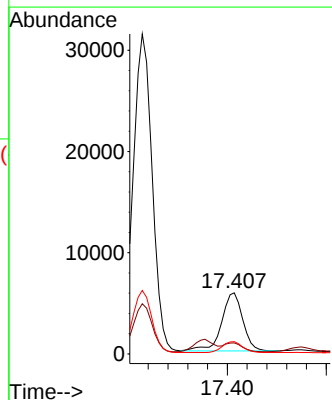
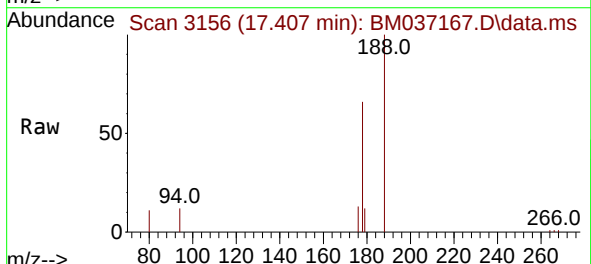
Instrument :  
BNA\_N  
ClientSampleId :  
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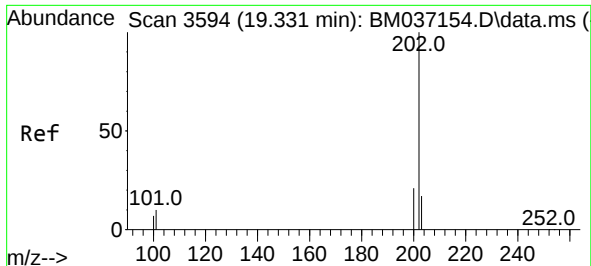
Tgt Ion:178 Resp: 42426  
Ion Ratio Lower Upper  
178 100  
179 15.7 13.0 19.6  
176 19.9 16.1 24.1



#16  
Anthracene  
Concen: 0.148 ng/ul  
RT: 17.407 min Scan# 3156  
Delta R.T. -0.008 min  
Lab File: BM037167.D  
Acq: 21 Oct 2022 09:50

Tgt Ion:178 Resp: 8491  
Ion Ratio Lower Upper  
178 100  
179 18.1 13.1 19.7  
176 20.3 15.3 22.9

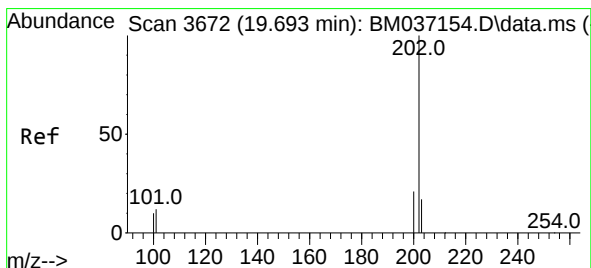
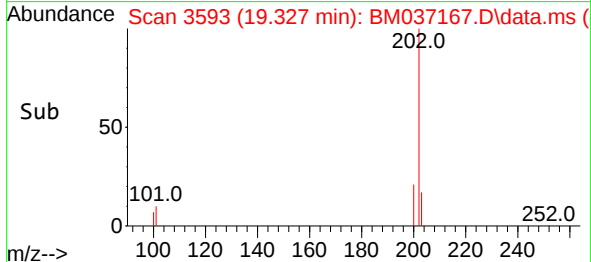
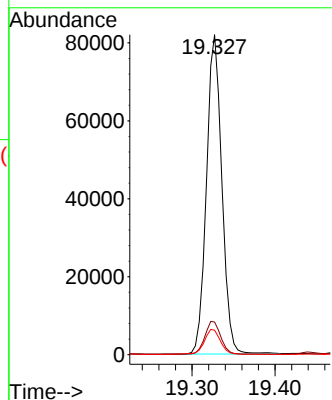
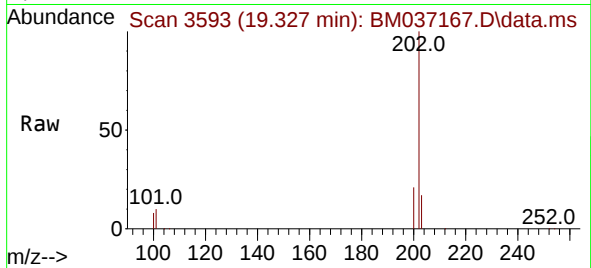




#19  
Fluoranthene  
Concen: 1.396 ng/ul  
RT: 19.327 min Scan# 31  
Delta R.T. -0.004 min  
Lab File: BM037167.D  
Acq: 21 Oct 2022 09:50

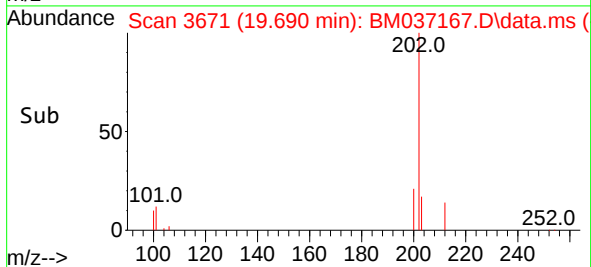
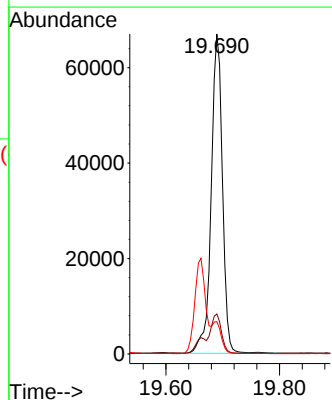
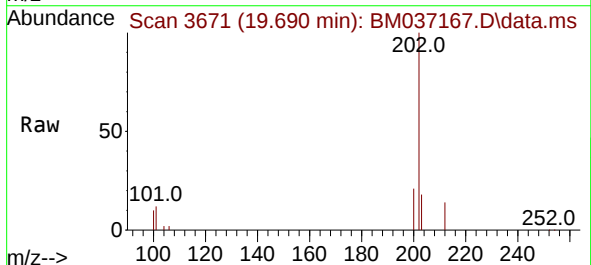
Instrument :  
BNA\_N  
ClientSampleId :  
C1BG4

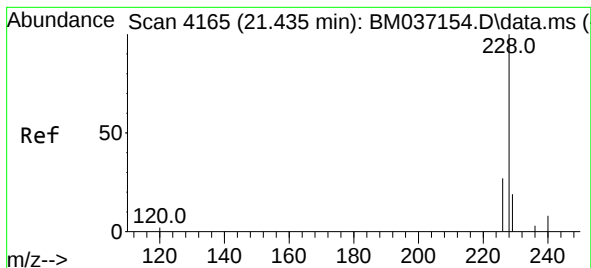
Tgt Ion:202 Resp: 105977  
Ion Ratio Lower Upper  
202 100  
101 10.2 8.9 13.3  
100 7.7 6.9 10.3



#20  
Pyrene  
Concen: 1.196 ng/ul  
RT: 19.690 min Scan# 3671  
Delta R.T. -0.008 min  
Lab File: BM037167.D  
Acq: 21 Oct 2022 09:50

Tgt Ion:202 Resp: 92041  
Ion Ratio Lower Upper  
202 100  
101 12.5 9.7 14.5  
100 10.1 7.8 11.8





#21

Benzo(a)anthracene

Concen: 0.602 ng/u1

RT: 21.432 min Scan# 4165

Delta R.T. -0.010 min

Lab File: BM037167.D

Acq: 21 Oct 2022 09:50

Instrument :

BNA\_N

ClientSampleId :

C1BG4

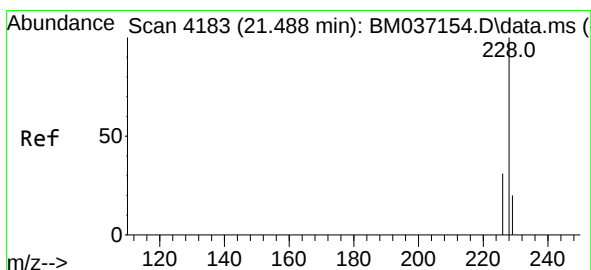
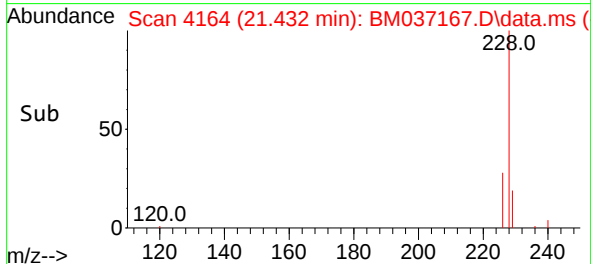
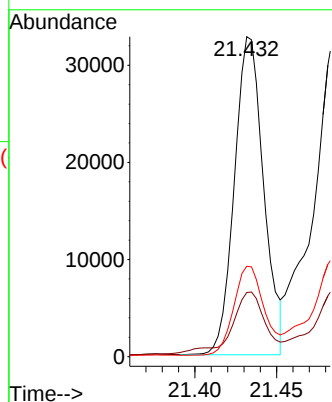
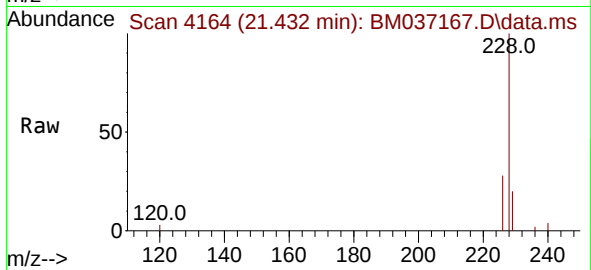
Tgt Ion:228 Resp: 40807

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.6

226 28.3 21.8 32.8



#22

Chrysene

Concen: 0.653 ng/u1

RT: 21.484 min Scan# 4182

Delta R.T. -0.007 min

Lab File: BM037167.D

Acq: 21 Oct 2022 09:50

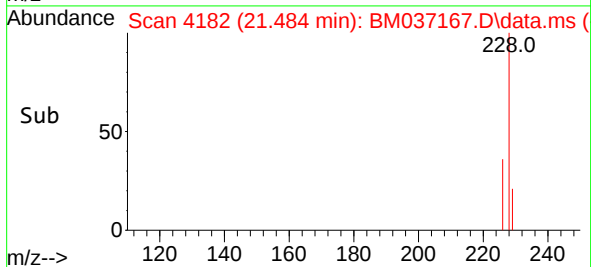
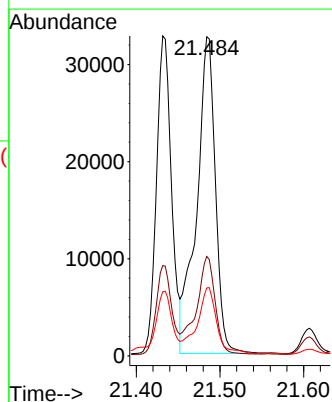
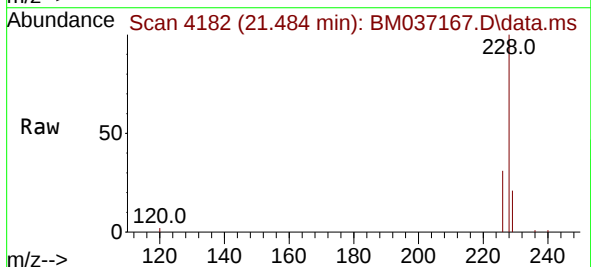
Tgt Ion:228 Resp: 50954

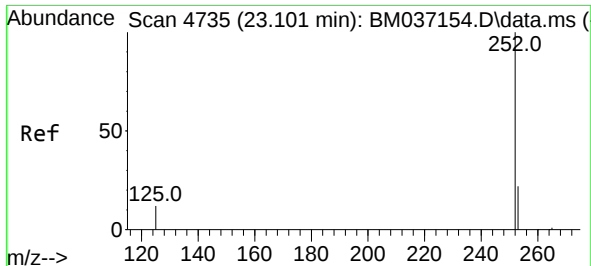
Ion Ratio Lower Upper

228 100

226 31.2 24.8 37.2

229 21.3 16.0 24.0

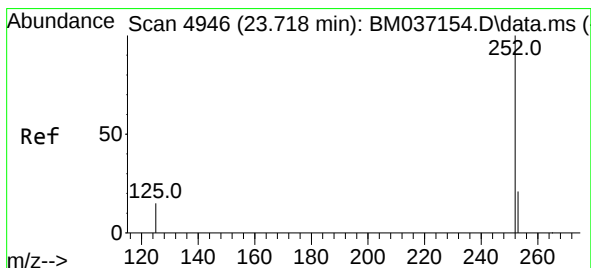
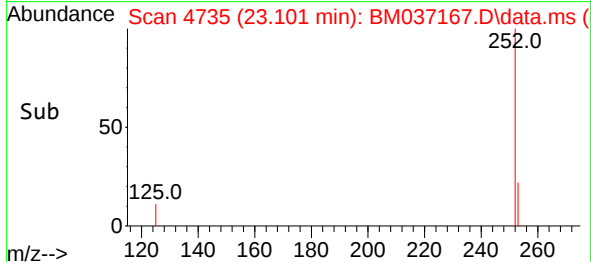
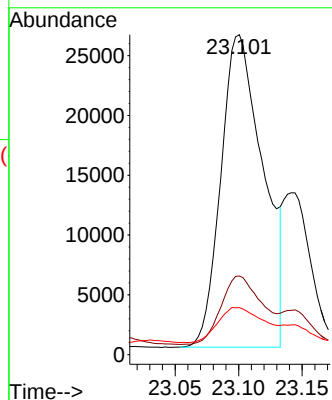
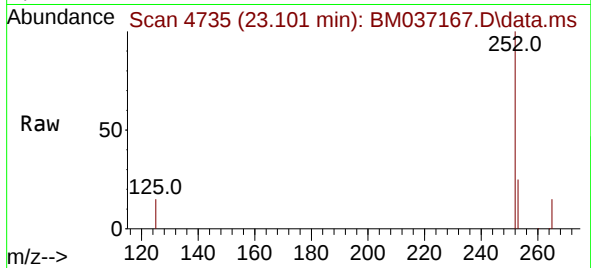




#24  
Benzo(b)fluoranthene  
Concen: 0.802 ng/ul  
RT: 23.101 min Scan# 4735  
Delta R.T. -0.010 min  
Lab File: BM037167.D  
Acq: 21 Oct 2022 09:50

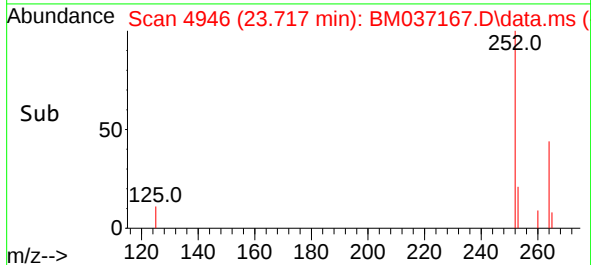
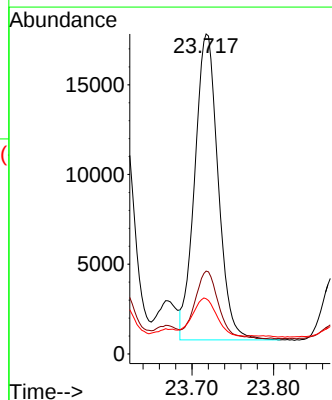
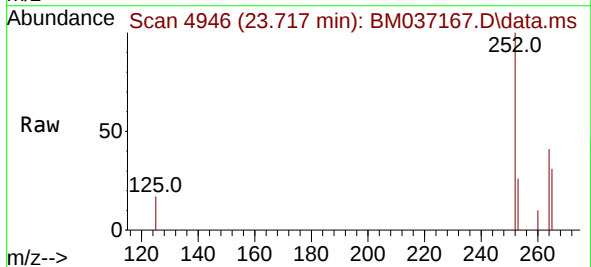
Instrument :  
BNA\_N  
ClientSampleId :  
C1BG4

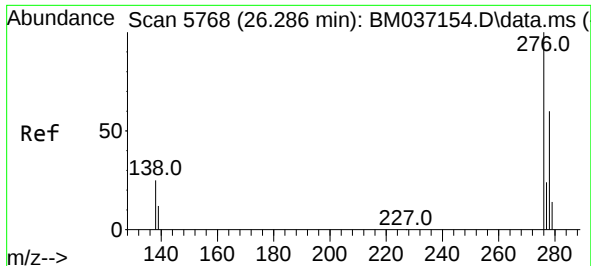
Tgt Ion:252 Resp: 60494  
Ion Ratio Lower Upper  
252 100  
253 24.6 0.0 50.6  
125 14.7 0.0 32.6



#26  
Benzo(a)pyrene  
Concen: 0.560 ng/ul  
RT: 23.717 min Scan# 4946  
Delta R.T. -0.013 min  
Lab File: BM037167.D  
Acq: 21 Oct 2022 09:50

Tgt Ion:252 Resp: 33883  
Ion Ratio Lower Upper  
252 100  
253 25.9 22.1 33.1  
125 17.3 17.6 26.4#

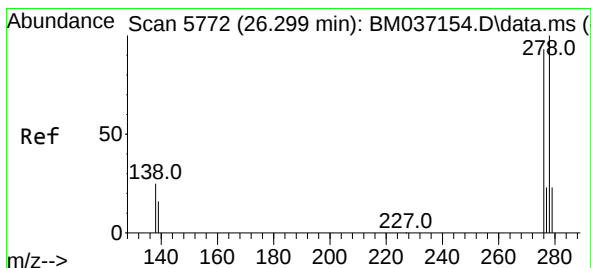
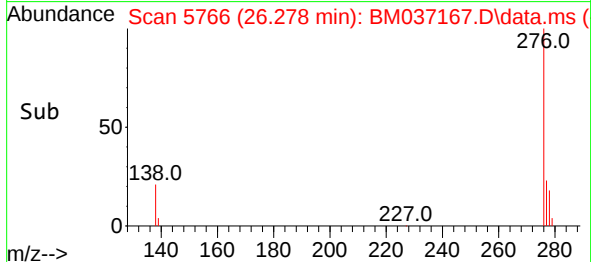
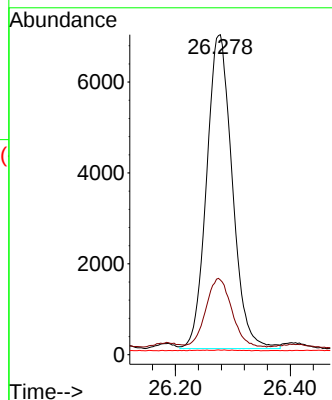
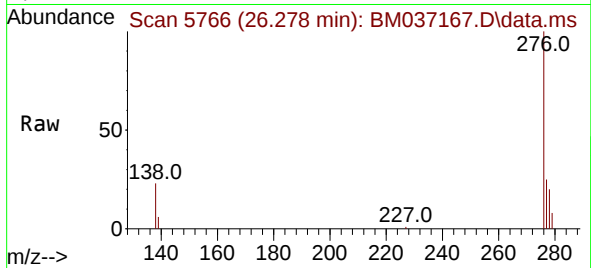




#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.253 ng/ul  
 RT: 26.278 min Scan# 5766  
 Delta R.T. -0.021 min  
 Lab File: BM037167.D  
 Acq: 21 Oct 2022 09:50

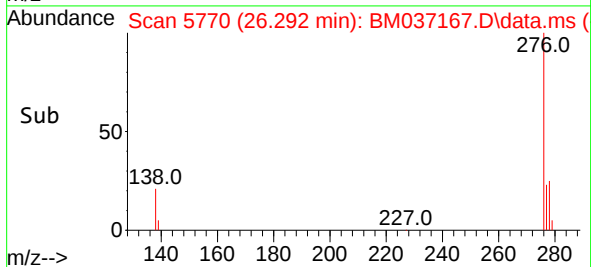
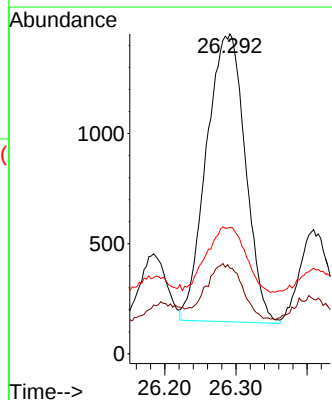
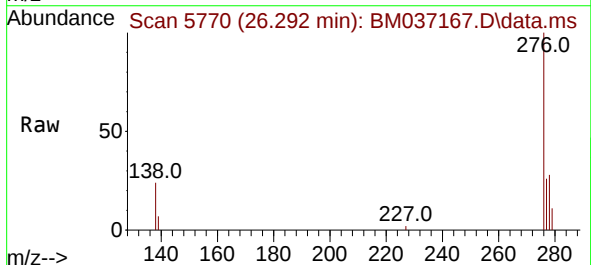
Instrument :  
 BNA\_N  
 ClientSampleId :  
 C1BG4

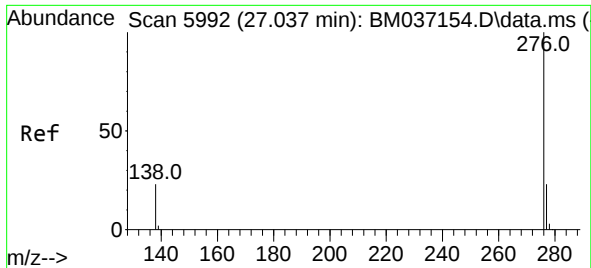
Tgt Ion:276 Resp: 21406  
 Ion Ratio Lower Upper  
 276 100  
 138 22.2 21.4 32.0  
 227 0.0 0.1 0.1#



#28  
 Dibenzo(a,h)anthracene  
 Concen: 0.074 ng/ul  
 RT: 26.292 min Scan# 5770  
 Delta R.T. -0.024 min  
 Lab File: BM037167.D  
 Acq: 21 Oct 2022 09:50

Tgt Ion:278 Resp: 4947  
 Ion Ratio Lower Upper  
 278 100  
 139 26.8 16.3 24.5#  
 279 39.5 21.5 32.3#





#29  
 Benzo(g,h,i)perylene  
 Concen: 0.242 ng/ul  
 RT: 27.033 min Scan# 5991  
 Delta R.T. -0.024 min  
 Lab File: BM037167.D  
 Acq: 21 Oct 2022 09:50

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C1BG4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 18016 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 138      | 25.0  | 19.8  | 29.8  |
| 277      | 25.7  | 20.1  | 30.1  |

