

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
 Data File : BM036953.D  
 Acq On : 11 Oct 2022 20:06  
 Operator : CG/JU  
 Sample : N5024-05  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BF4

Quant Time: Oct 12 01:27:51 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 11 09:03:52 2022  
 Response via : Initial Calibration

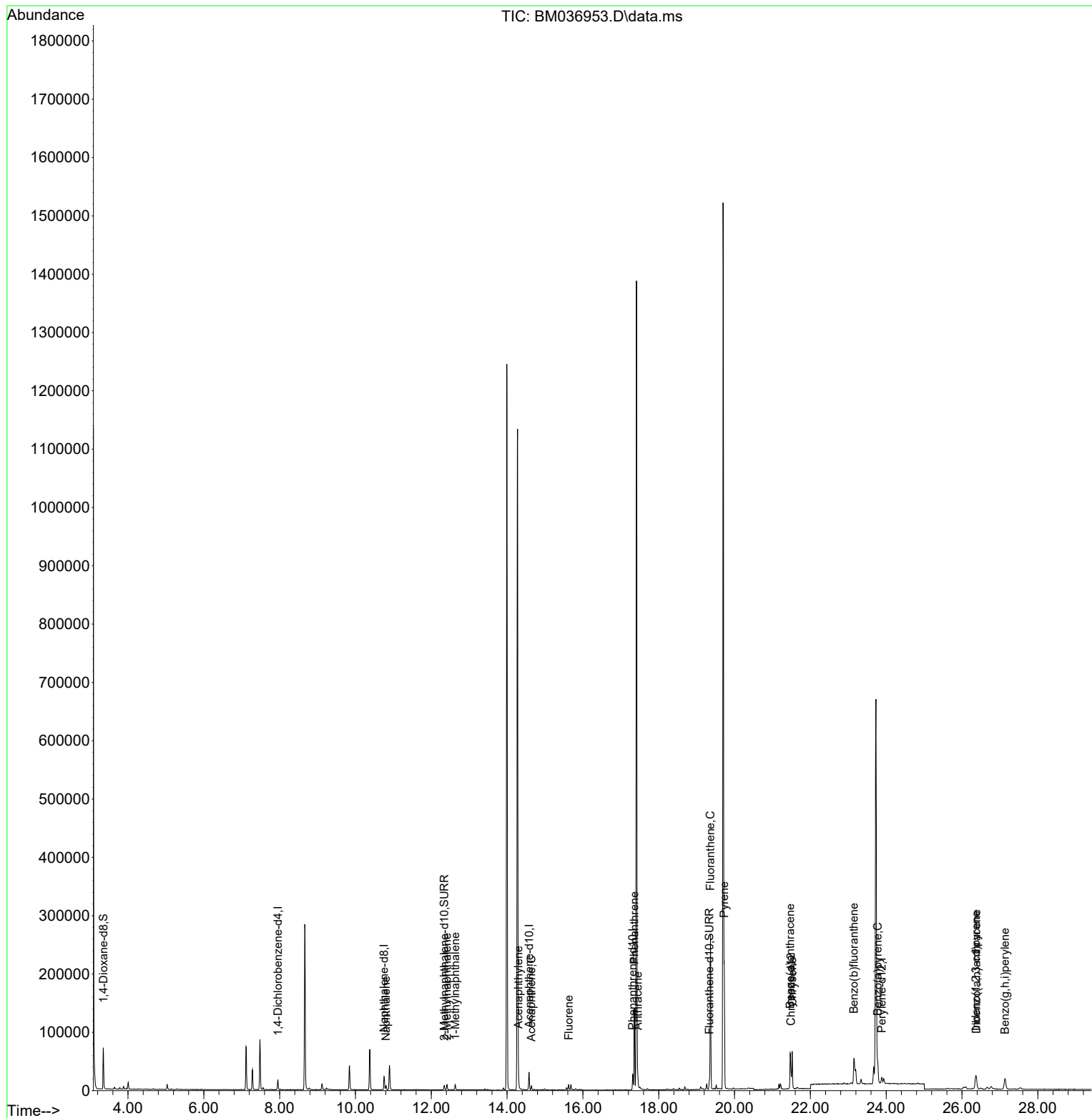
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.955  | 152  | 8338     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.754 | 136  | 30060    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.580 | 164  | 16261    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.313 | 188  | 31025    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.485 | 240  | 17550    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.882 | 264  | 15426    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.348  | 96   | 42264    | 3.594 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.343 | 152  | 10329    | 0.228 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.336 | 212  | 17037    | 0.325 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.804 | 128  | 9863     | 0.115 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.415 | 142  | 6418     | 0.122 | ng/ul  | 91       |
| 8) 1-Methylnaphthalene      | 12.629 | 142  | 6348     | 0.119 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.302 | 152  | 17235    | 0.255 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.640 | 153  | 4020     | 0.069 | ng/ul  | 99       |
| 12) Fluorene                | 15.625 | 166  | 5511     | 0.083 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.356 | 178  | 142558   | 1.439 | ng/ul  | 99       |
| 16) Anthracene              | 17.448 | 178  | 15404    | 0.186 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.364 | 202  | 210678   | 3.018 | ng/ul  | 98       |
| 20) Pyrene                  | 19.726 | 202  | 162490   | 2.232 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.468 | 228  | 49477    | 0.780 | ng/ul  | 98       |
| 22) Chrysene                | 21.520 | 228  | 63844    | 0.938 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.148 | 252  | 81400    | 1.181 | ng/ul  | 94       |
| 26) Benzo(a)pyrene          | 23.774 | 252  | 48381    | 0.865 | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.366 | 276  | 42225    | 0.533 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.380 | 278  | 8925     | 0.139 | ng/ul# | 82       |
| 29) Benzo(g,h,i)perylene    | 27.131 | 276  | 39095    | 0.560 | ng/ul  | 99       |
| -----                       |        |      |          |       |        |          |

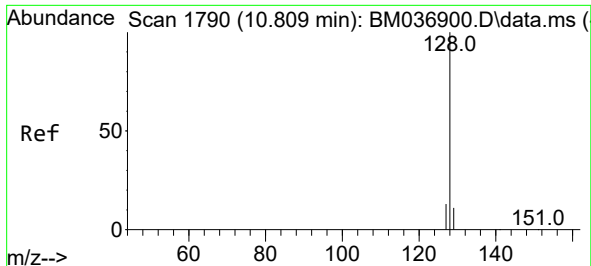
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
Data File : BM036953.D  
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Sample : N5024-05  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0BF4

Quant Time: Oct 12 01:27:51 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 11 09:03:52 2022  
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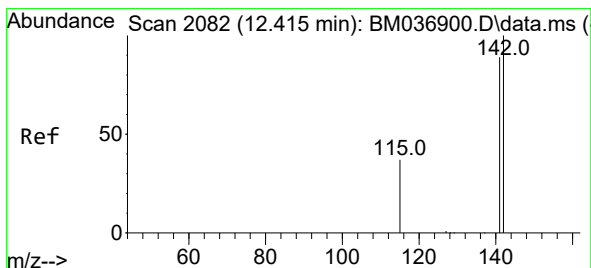
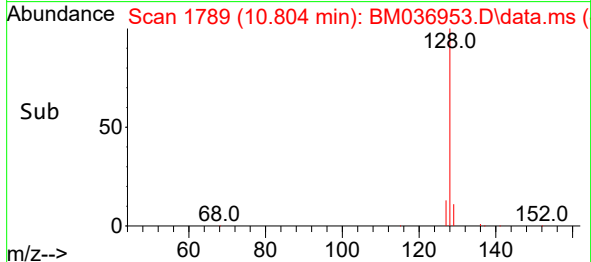
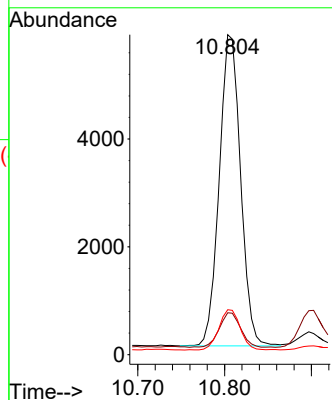
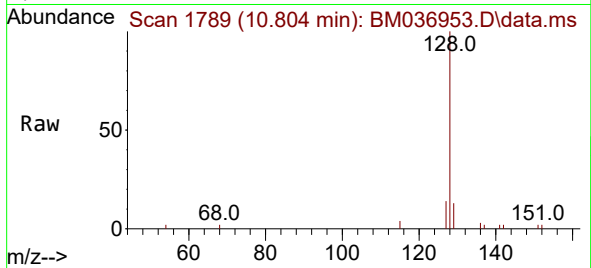




#5  
Naphthalene  
Concen: 0.115 ng/ul  
RT: 10.804 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: BM036953.D  
Acq: 11 Oct 2022 20:06

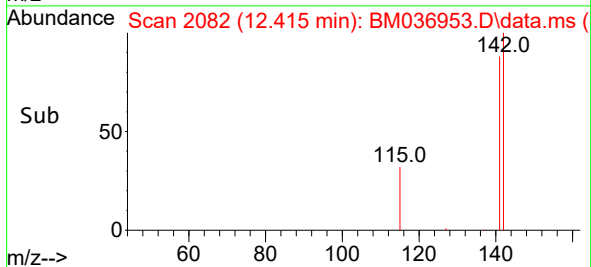
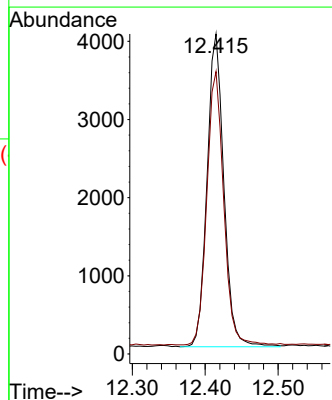
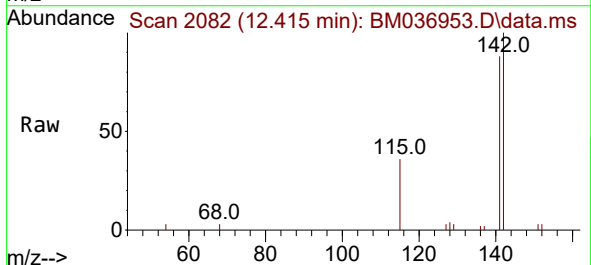
Instrument :  
BNA\_M  
ClientSampleId :  
C0BF4

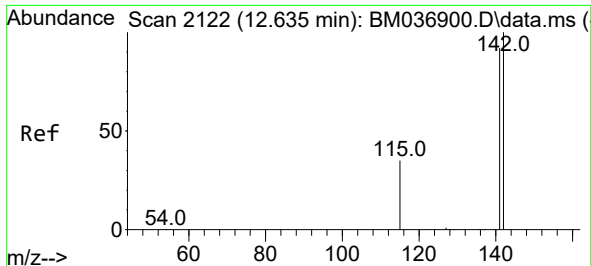
Tgt Ion:128 Resp: 9863  
Ion Ratio Lower Upper  
128 100  
129 13.1 10.2 15.2  
127 14.0 11.7 17.5



#7  
2-Methylnaphthalene  
Concen: 0.122 ng/ul  
RT: 12.415 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: BM036953.D  
Acq: 11 Oct 2022 20:06

Tgt Ion:142 Resp: 6418  
Ion Ratio Lower Upper  
142 100  
141 87.7 77.4 116.0

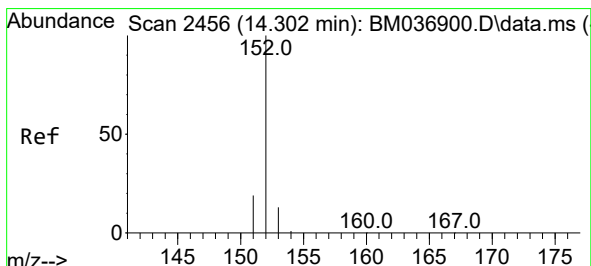
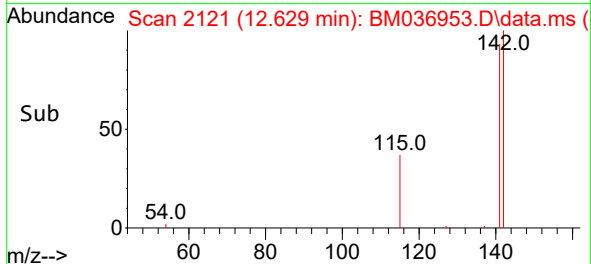
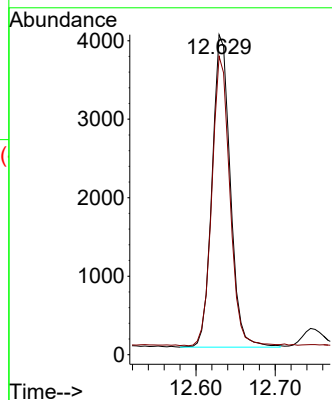
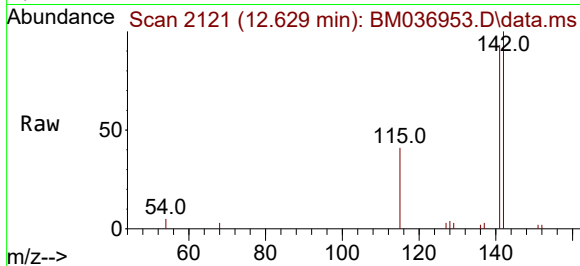




#8  
1-Methylnaphthalene  
Concen: 0.119 ng/ul  
RT: 12.629 min Scan# 2121  
Delta R.T. 0.000 min  
Lab File: BM036953.D  
Acq: 11 Oct 2022 20:06

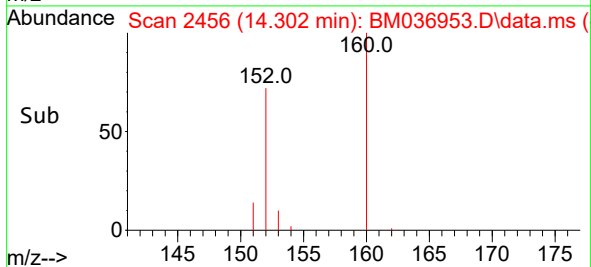
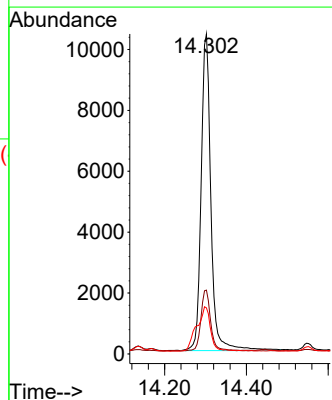
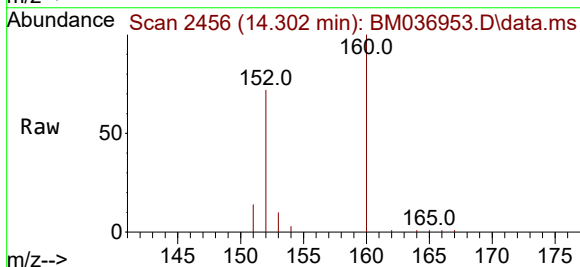
Instrument :  
BNA\_M  
ClientSampleId :  
C0BF4

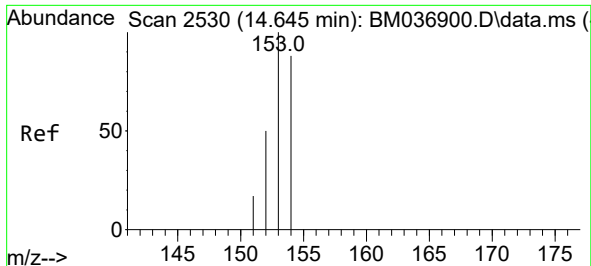
Tgt Ion:142 Resp: 6348  
Ion Ratio Lower Upper  
142 100  
141 91.2 74.1 111.1



#10  
Acenaphthylene  
Concen: 0.255 ng/ul  
RT: 14.302 min Scan# 2456  
Delta R.T. 0.005 min  
Lab File: BM036953.D  
Acq: 11 Oct 2022 20:06

Tgt Ion:152 Resp: 17235  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.6 24.8  
153 14.4 11.4 17.0

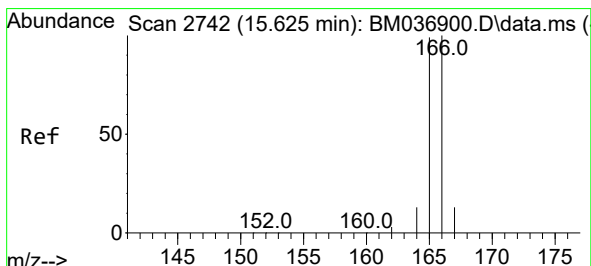
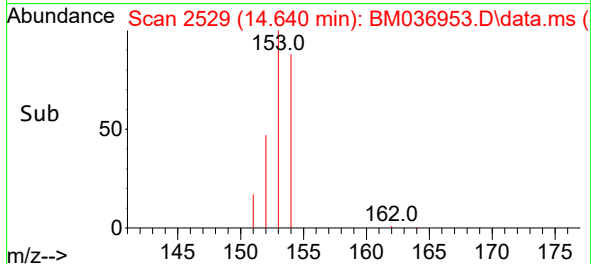
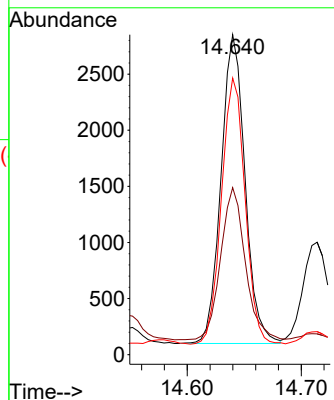
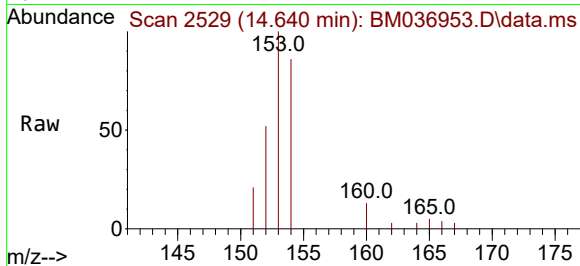




#11  
Acenaphthene  
Concen: 0.069 ng/ul  
RT: 14.640 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM036953.D  
Acq: 11 Oct 2022 20:06

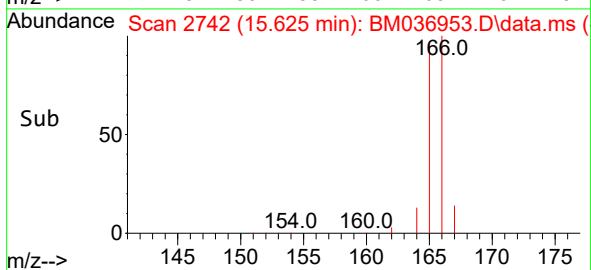
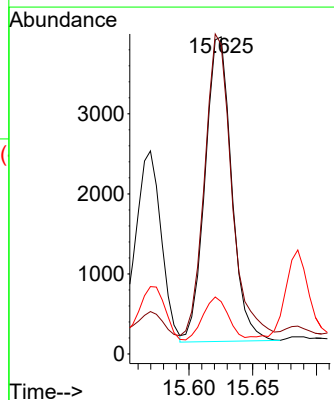
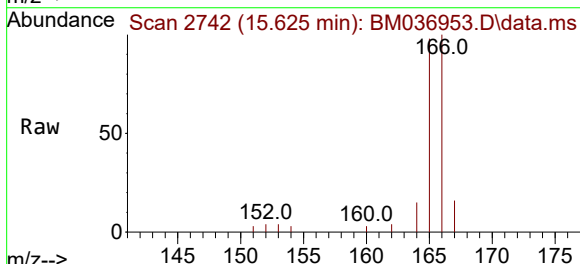
Instrument :  
BNA\_M  
ClientSampleId :  
C0BF4

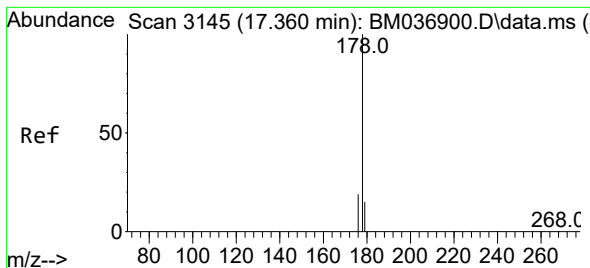
Tgt Ion:153 Resp: 4020  
Ion Ratio Lower Upper  
153 100  
152 52.2 40.2 60.4  
154 86.4 69.7 104.5



#12  
Fluorene  
Concen: 0.083 ng/ul  
RT: 15.625 min Scan# 2742  
Delta R.T. 0.005 min  
Lab File: BM036953.D  
Acq: 11 Oct 2022 20:06

Tgt Ion:166 Resp: 5511  
Ion Ratio Lower Upper  
166 100  
165 97.6 78.9 118.3  
167 16.5 11.3 16.9





#15

Phenanthrene

Concen: 1.439 ng/ul

RT: 17.356 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BM036953.D

Acq: 11 Oct 2022 20:06

Instrument :

BNA\_M

ClientSampleId :

C0BF4

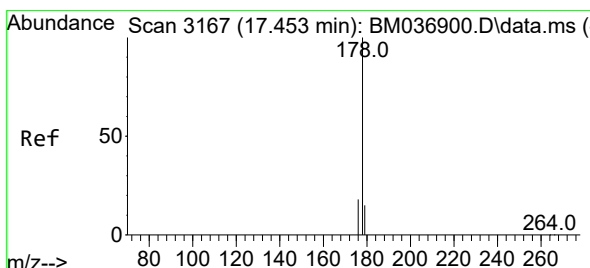
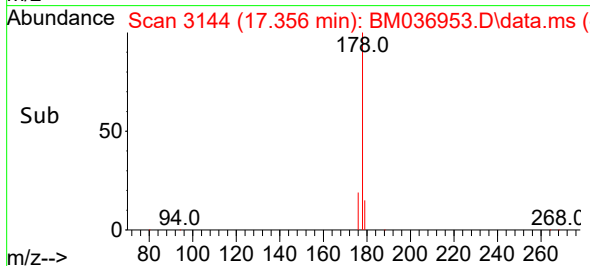
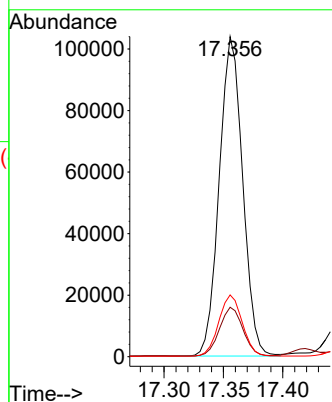
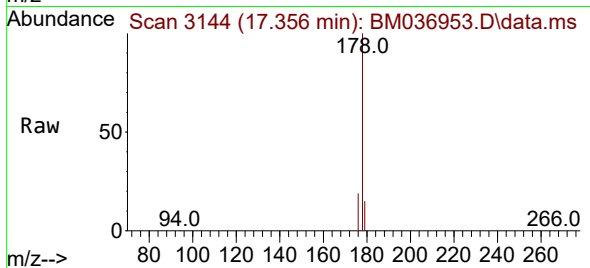
Tgt Ion:178 Resp: 142558

Ion Ratio Lower Upper

178 100

179 15.4 13.0 19.6

176 19.3 15.6 23.4



#16

Anthracene

Concen: 0.186 ng/ul

RT: 17.448 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BM036953.D

Acq: 11 Oct 2022 20:06

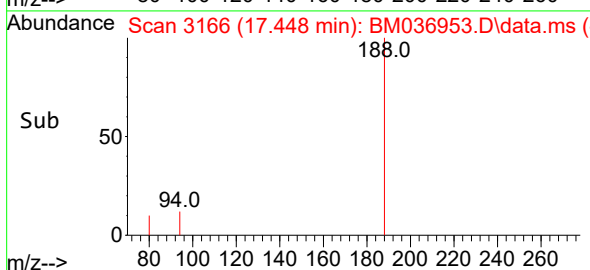
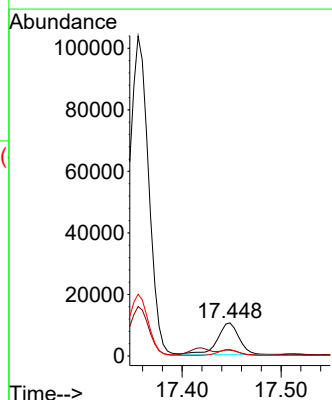
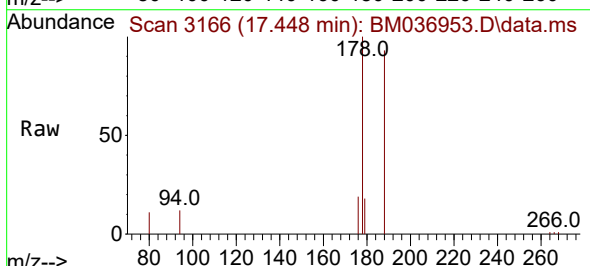
Tgt Ion:178 Resp: 15404

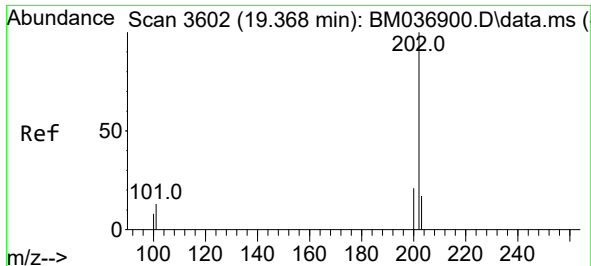
Ion Ratio Lower Upper

178 100

179 17.6 13.6 20.4

176 19.4 15.6 23.4

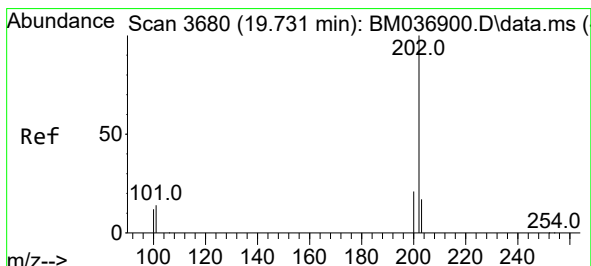
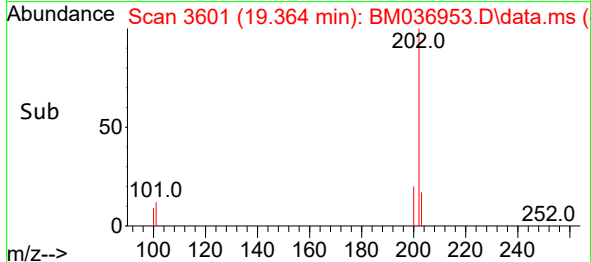
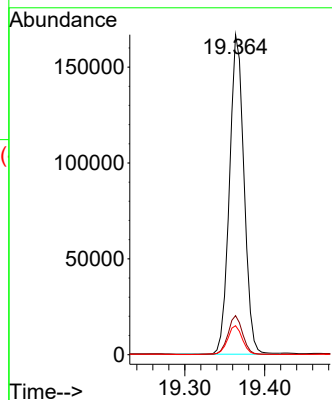
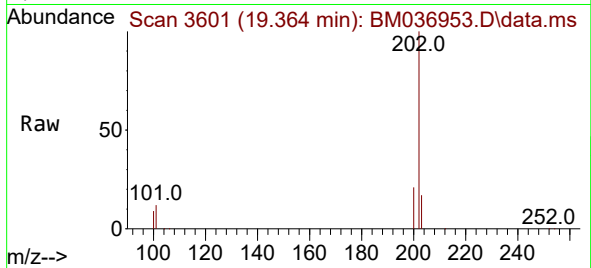




#19  
Fluoranthene  
Concen: 3.018 ng/ul  
RT: 19.364 min Scan# 3601  
Delta R.T. 0.000 min  
Lab File: BM036953.D  
Acq: 11 Oct 2022 20:06

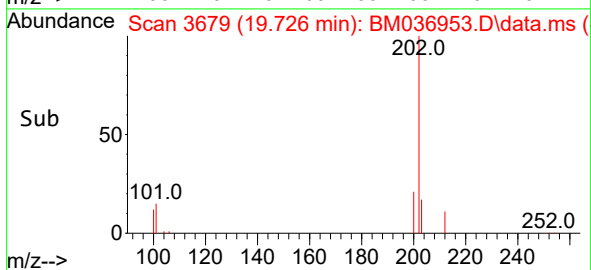
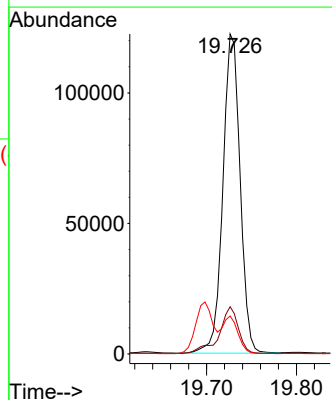
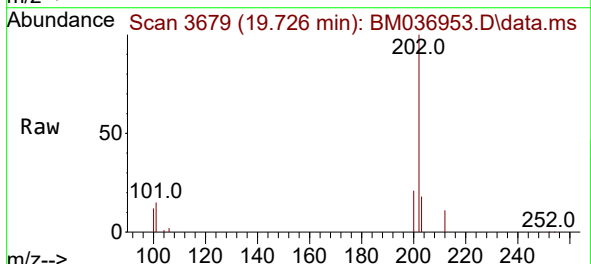
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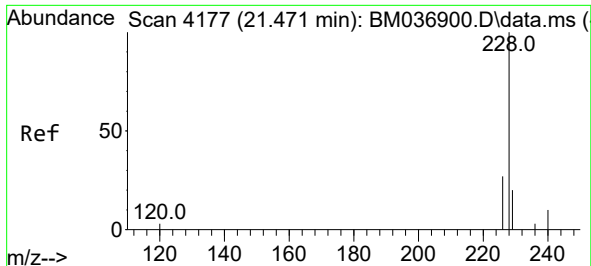
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Ion Ratio Lower Upper  
202 100  
101 12.2 10.1 15.1  
100 9.1 7.9 11.9



#20  
Pyrene  
Concen: 2.232 ng/ul  
RT: 19.726 min Scan# 3679  
Delta R.T. 0.000 min  
Lab File: BM036953.D  
Acq: 11 Oct 2022 20:06

Tgt Ion:202 Resp: 162490  
Ion Ratio Lower Upper  
202 100  
101 14.7 12.0 18.0  
100 11.9 9.8 14.6

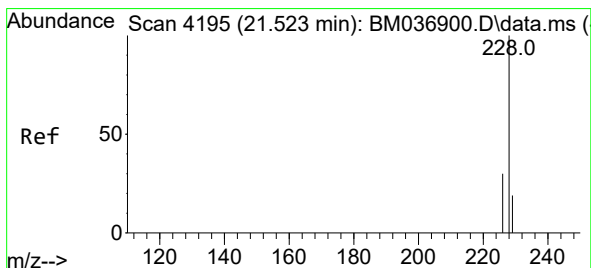
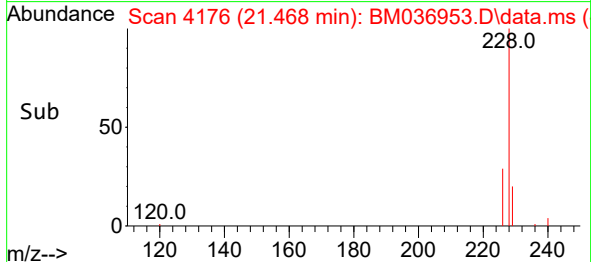
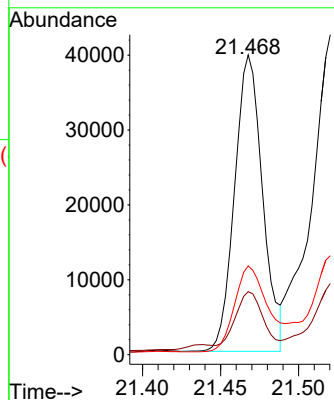
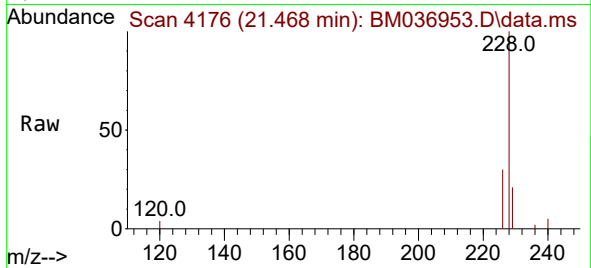




#21  
Benzo(a)anthracene  
Concen: 0.780 ng/ul  
RT: 21.468 min Scan# 4176  
Delta R.T. 0.000 min  
Lab File: BM036953.D  
Acq: 11 Oct 2022 20:06

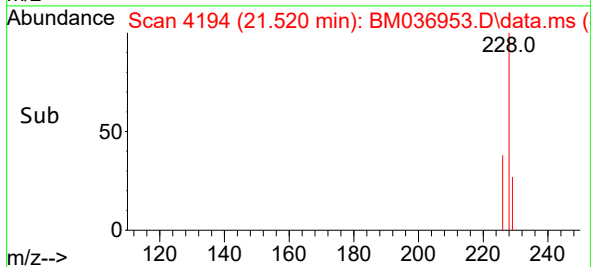
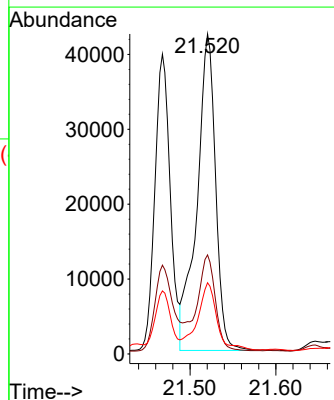
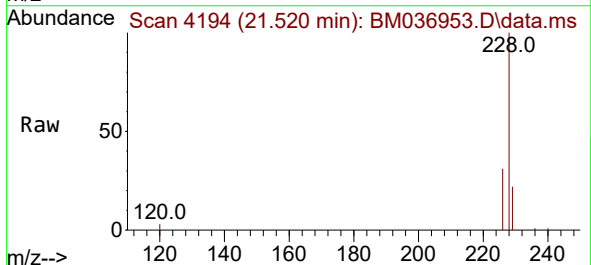
Instrument :  
BNA\_M  
ClientSampleId :  
C0BF4

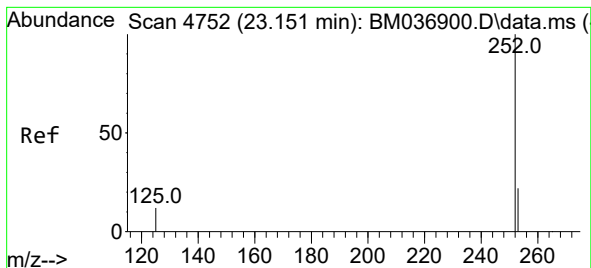
Tgt Ion:228 Resp: 49477  
Ion Ratio Lower Upper  
228 100  
229 21.0 16.2 24.2  
226 29.6 22.5 33.7



#22  
Chrysene  
Concen: 0.938 ng/ul  
RT: 21.520 min Scan# 4194  
Delta R.T. 0.000 min  
Lab File: BM036953.D  
Acq: 11 Oct 2022 20:06

Tgt Ion:228 Resp: 63844  
Ion Ratio Lower Upper  
228 100  
226 31.0 24.6 37.0  
229 22.3 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 1.181 ng/ul

RT: 23.148 min Scan# 4751

Delta R.T. 0.003 min

Lab File: BM036953.D

Acq: 11 Oct 2022 20:06

Instrument :

BNA\_M

ClientSampleId :

C0BF4

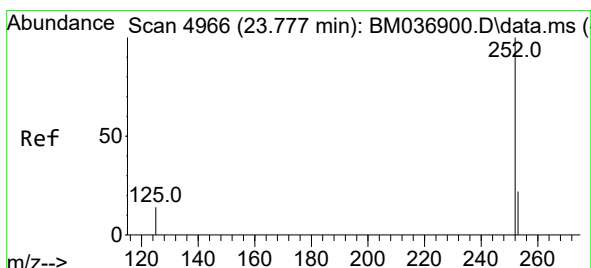
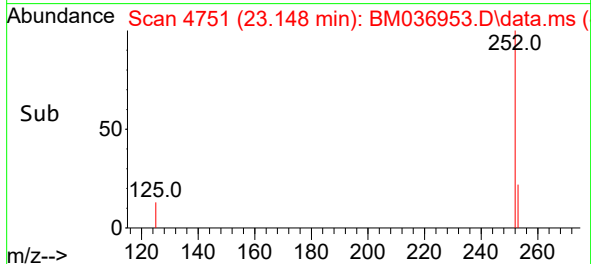
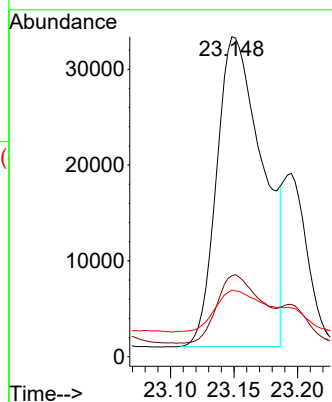
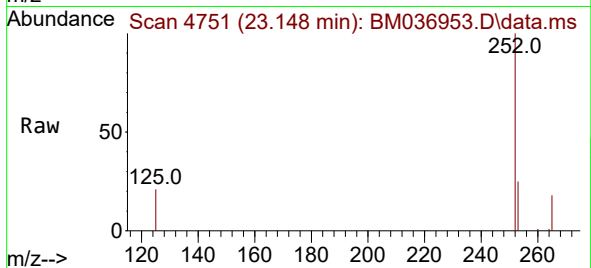
Tgt Ion:252 Resp: 81400

Ion Ratio Lower Upper

252 100

253 25.3 0.0 61.4

125 20.9 0.0 42.6



#26

Benzo(a)pyrene

Concen: 0.865 ng/ul

RT: 23.774 min Scan# 4965

Delta R.T. 0.003 min

Lab File: BM036953.D

Acq: 11 Oct 2022 20:06

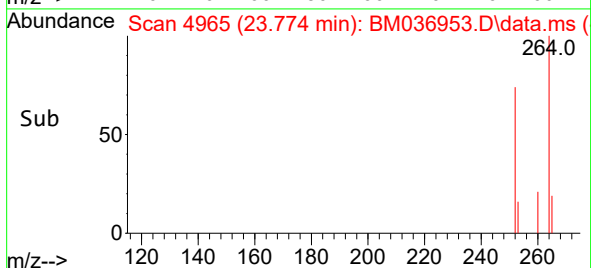
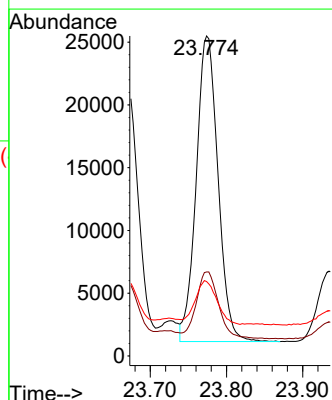
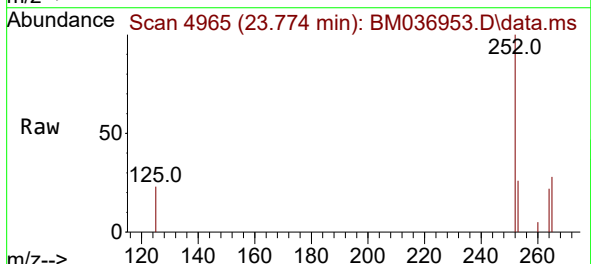
Tgt Ion:252 Resp: 48381

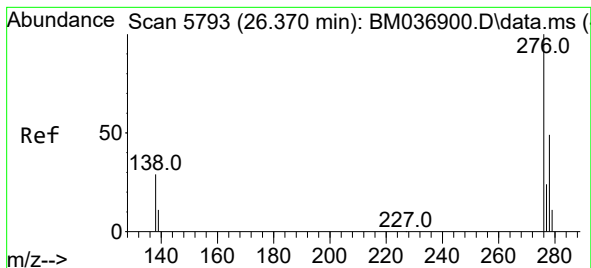
Ion Ratio Lower Upper

252 100

253 26.3 29.7 44.5#

125 23.3 23.6 35.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.533 ng/ul

RT: 26.366 min Scan# 5

Delta R.T. 0.003 min

Lab File: BM036953.D

Acq: 11 Oct 2022 20:06

Instrument :

BNA\_M

ClientSampleId :

C0BF4

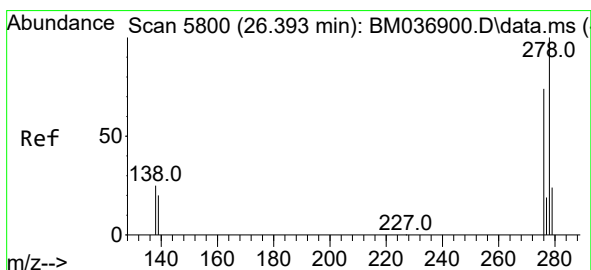
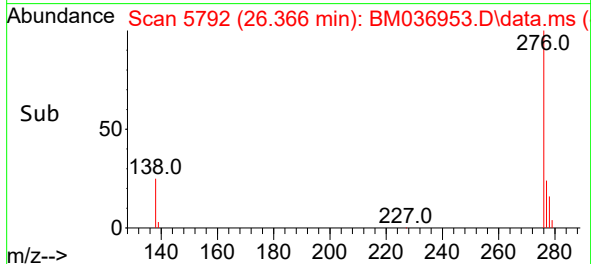
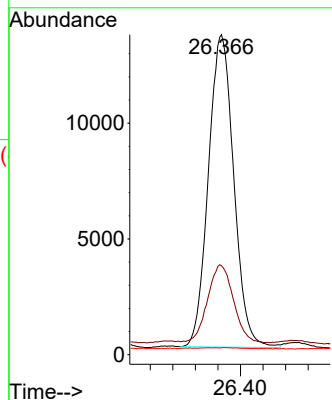
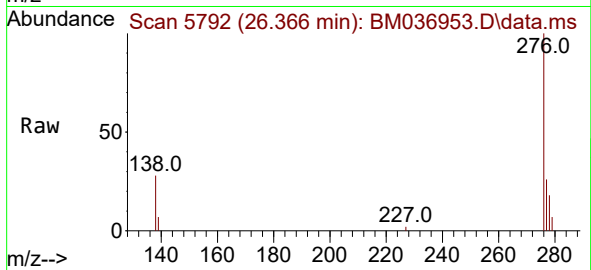
Tgt Ion:276 Resp: 42225

Ion Ratio Lower Upper

276 100

138 25.9 23.9 35.9

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.139 ng/ul

RT: 26.380 min Scan# 5796

Delta R.T. 0.000 min

Lab File: BM036953.D

Acq: 11 Oct 2022 20:06

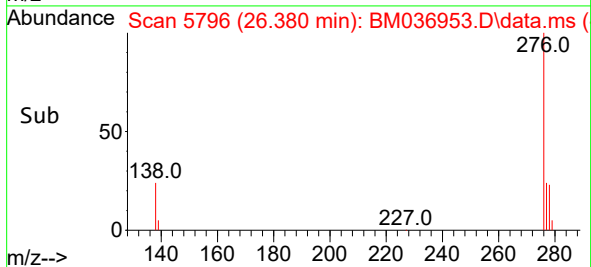
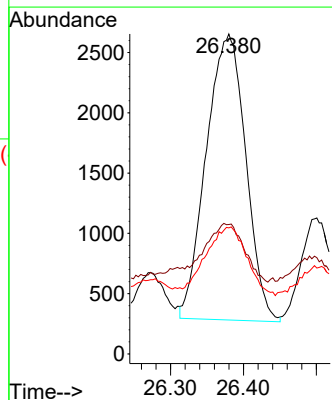
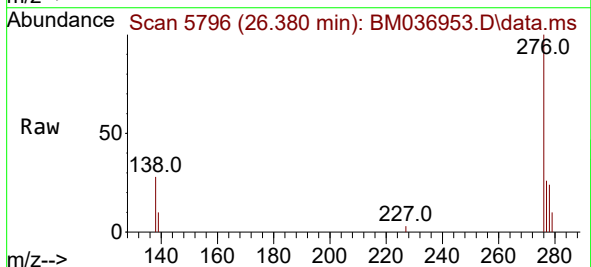
Tgt Ion:278 Resp: 8925

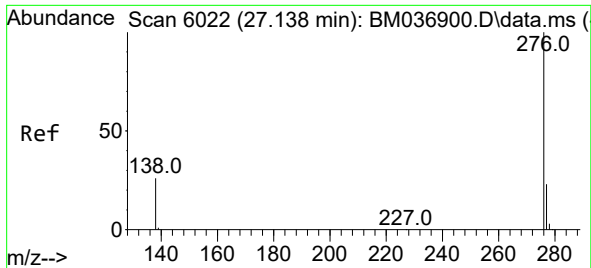
Ion Ratio Lower Upper

278 100

139 40.5 19.8 29.6#

279 39.4 27.7 41.5





#29  
 Benzo(g,h,i)perylene  
 Concen: 0.560 ng/ul  
 RT: 27.131 min Scan# 60  
 Delta R.T. 0.003 min  
 Lab File: BM036953.D  
 Acq: 11 Oct 2022 20:06

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0BF4

Tgt Ion:276 Resp: 39095  
 Ion Ratio Lower Upper  
 276 100  
 138 29.1 23.4 35.0  
 277 25.5 21.0 31.4

