

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102122\  
 Data File : BM037183.D  
 Acq On : 22 Oct 2022 01:23  
 Operator : CG/JU  
 Sample : N5064-09DL 5X  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0BP5DL

Quant Time: Oct 22 02:35:21 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

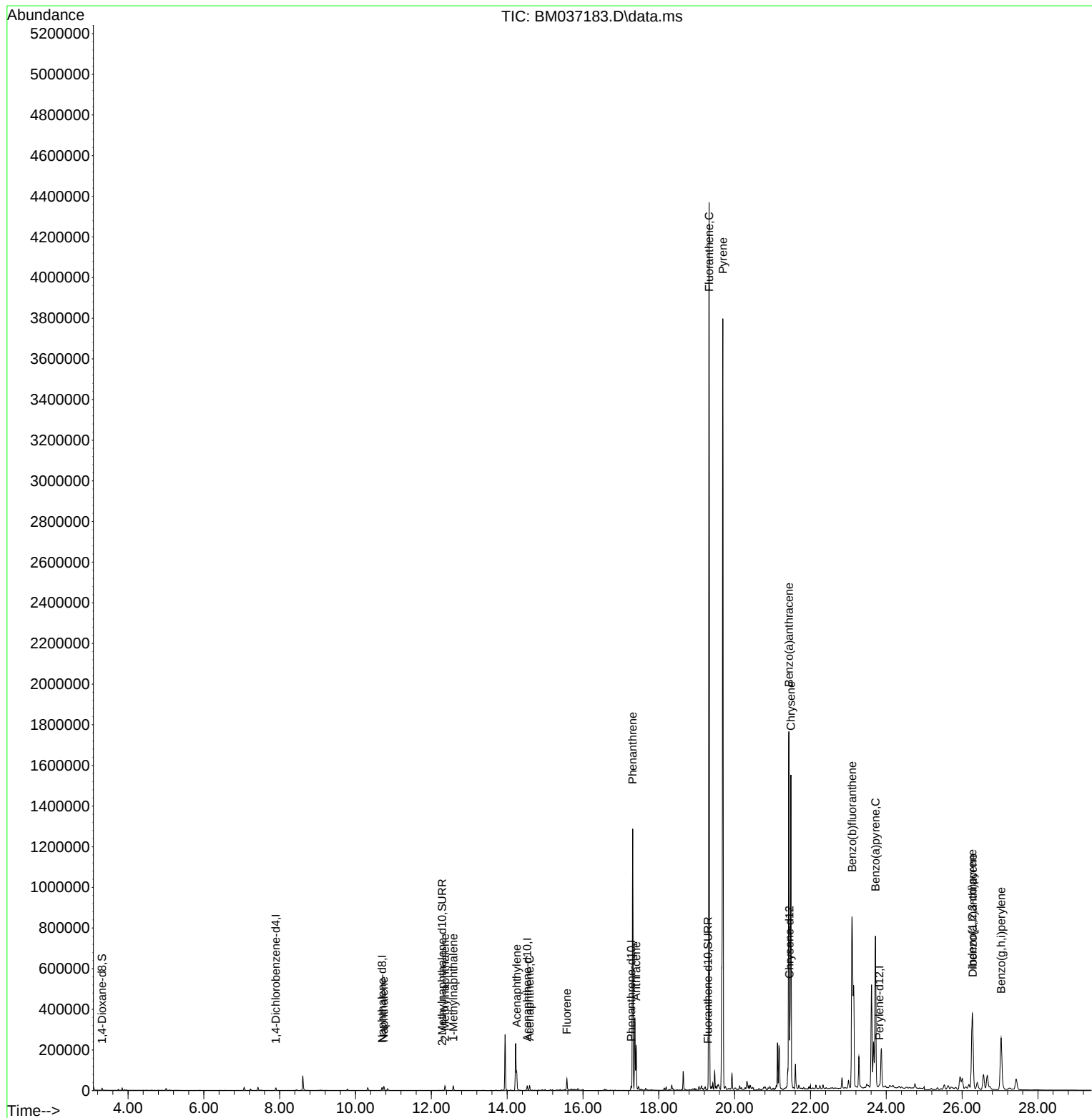
| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.900  | 152  | 6425     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.699 | 136  | 19655    | 0.400  | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.530 | 164  | 11602    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.272 | 188  | 25173    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.446 | 240  | 20318    | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.817 | 264  | 18270    | 0.400  | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.314  | 96   | 6965     | 0.889  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.288 | 152  | 1838     | 0.066  | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.295 | 212  | 4965     | 0.081  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.748 | 128  | 25907    | 0.445  | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.360 | 142  | 16919    | 0.485  | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.580 | 142  | 14902    | 0.419  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.252 | 152  | 102098   | 2.048  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.594 | 153  | 13567    | 0.301  | ng/ul  | 97       |
| 12) Fluorene                | 15.575 | 166  | 35329    | 0.671  | ng/ul  | 99       |
| 15) Phenanthrene            | 17.310 | 178  | 1316464  | 15.492 | ng/ul  | 99       |
| 16) Anthracene              | 17.403 | 178  | 219398   | 3.260  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.327 | 202  | 3614370  | 40.949 | ng/ul  | 98       |
| 20) Pyrene                  | 19.690 | 202  | 3058246  | 34.178 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.432 | 228  | 1452984  | 18.427 | ng/ul  | 98       |
| 22) Chrysene                | 21.484 | 228  | 1435383  | 15.821 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.098 | 252  | 1504933  | 15.551 | ng/ul  | 92       |
| 26) Benzo(a)pyrene          | 23.715 | 252  | 1066701  | 13.727 | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.272 | 276  | 650260   | 5.991  | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 26.282 | 278  | 155549   | 1.816  | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.030 | 276  | 554578   | 5.809  | ng/ul  | 97       |
| -----                       |        |      |          |        |        |          |

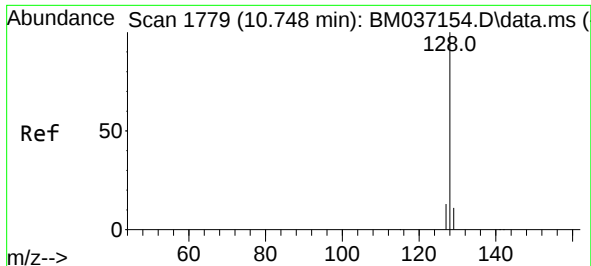
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102122\  
Data File : BM037183.D  
Acq On : 22 Oct 2022 01:23  
Operator : CG/JU  
Sample : N5064-09DL 5X  
Misc :  
ALS Vial : 55 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0BP5DL

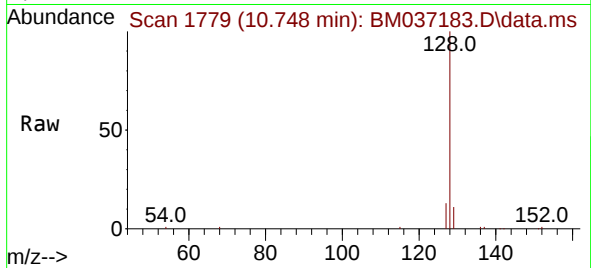
Quant Time: Oct 22 02:35:21 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM101922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 20 02:11:25 2022  
Response via : Initial Calibration



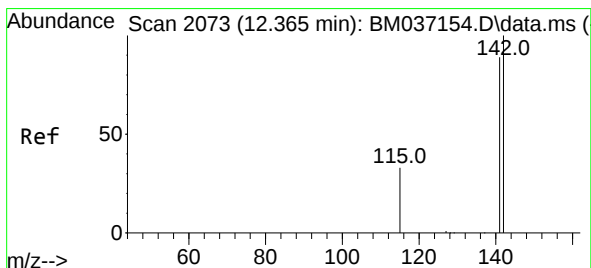
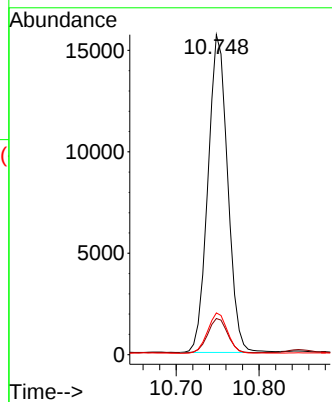
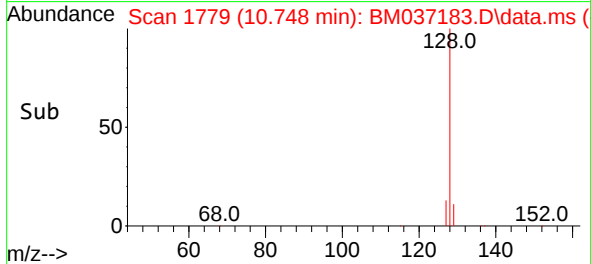


#5  
Naphthalene  
Concen: 0.445 ng/ul  
RT: 10.748 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BM037183.D  
Acq: 22 Oct 2022 01:23

Instrument :  
BNA\_N  
ClientSampleId :  
C0BP5DL

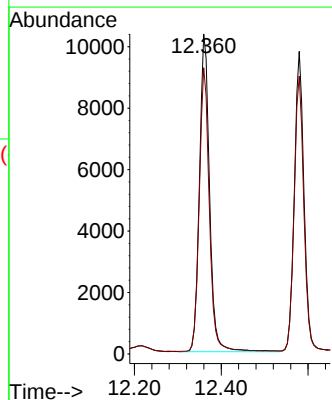
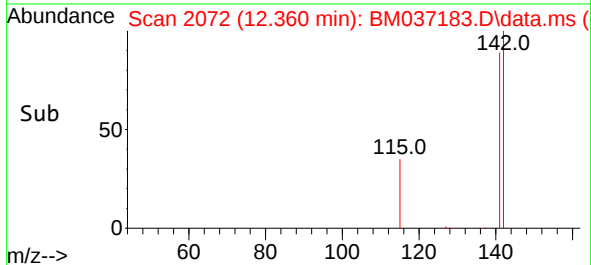
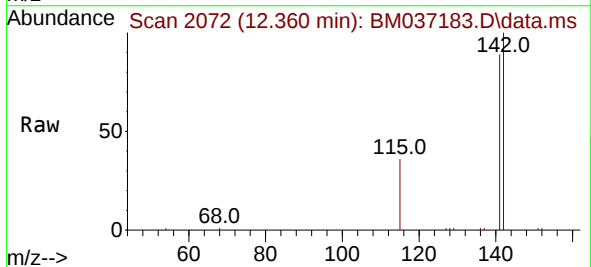


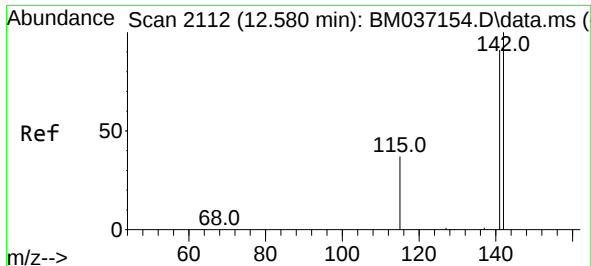
Tgt Ion:128 Resp: 25907  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.3 13.9  
127 13.0 10.5 15.7



#7  
2-Methylnaphthalene  
Concen: 0.485 ng/ul  
RT: 12.360 min Scan# 2072  
Delta R.T. -0.011 min  
Lab File: BM037183.D  
Acq: 22 Oct 2022 01:23

Tgt Ion:142 Resp: 16919  
Ion Ratio Lower Upper  
142 100  
141 88.6 72.8 109.2

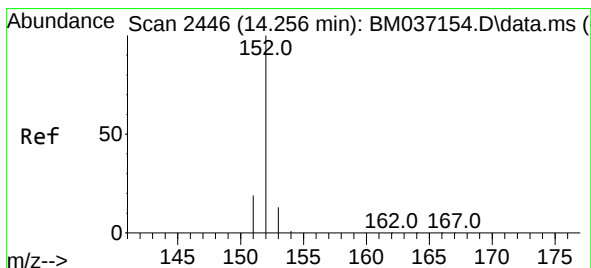
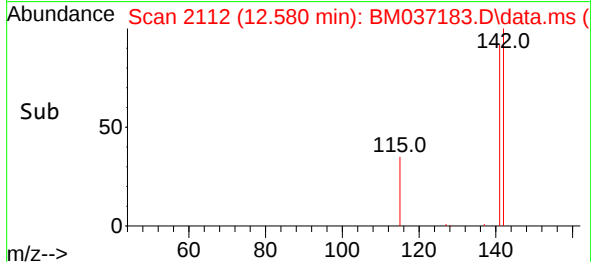
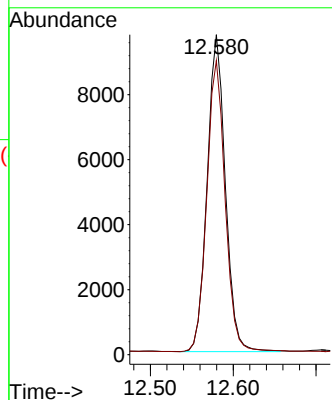
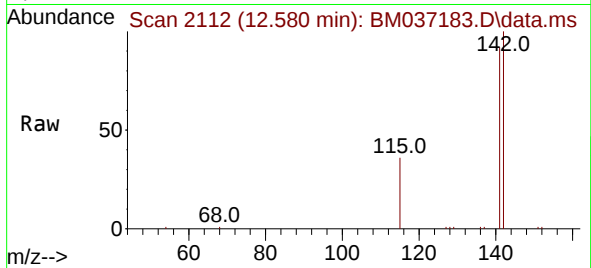




#8  
1-Methylnaphthalene  
Concen: 0.419 ng/ul  
RT: 12.580 min Scan# 2112  
Delta R.T. -0.011 min  
Lab File: BM037183.D  
Acq: 22 Oct 2022 01:23

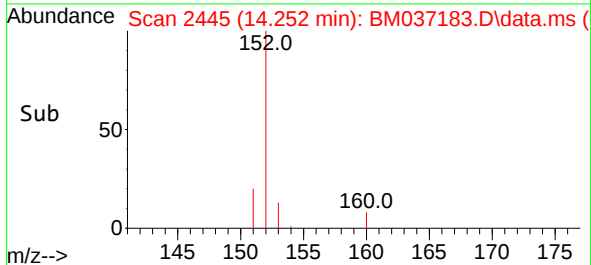
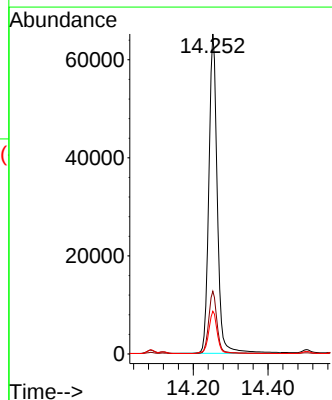
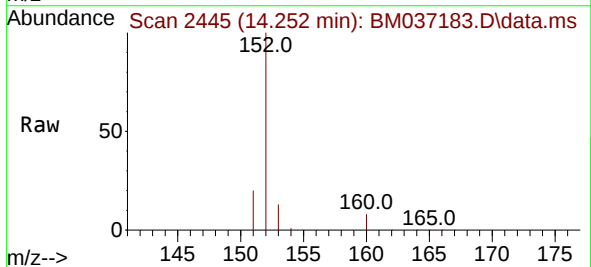
Instrument :  
BNA\_N  
ClientSampleId :  
C0BP5DL

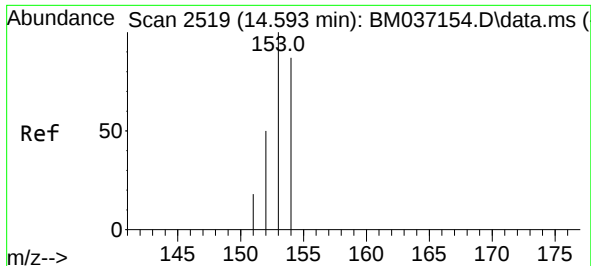
Tgt Ion:142 Resp: 14902  
Ion Ratio Lower Upper  
142 100  
141 92.6 74.2 111.4



#10  
Acenaphthylene  
Concen: 2.048 ng/ul  
RT: 14.252 min Scan# 2445  
Delta R.T. -0.008 min  
Lab File: BM037183.D  
Acq: 22 Oct 2022 01:23

Tgt Ion:152 Resp: 102098  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.2 24.2  
153 13.4 10.8 16.2

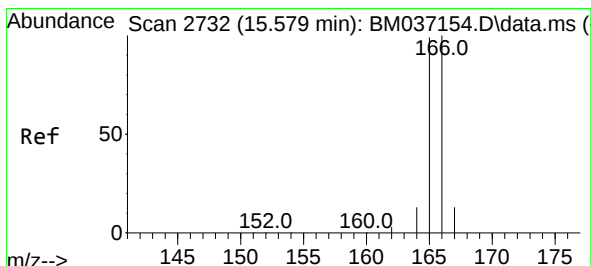
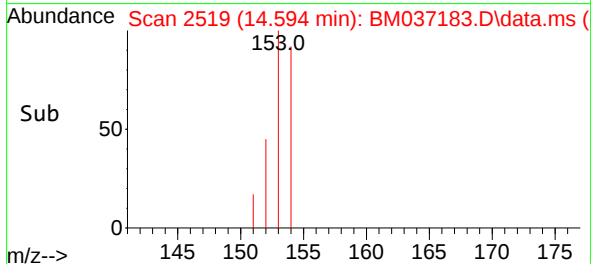
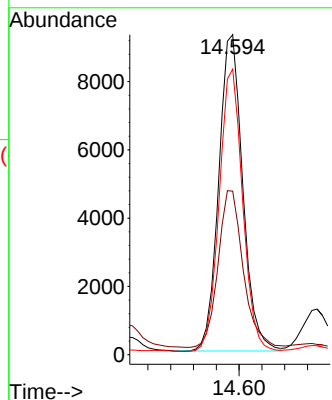
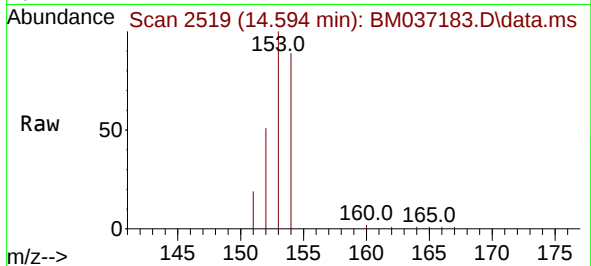




#11  
Acenaphthene  
Concen: 0.301 ng/ul  
RT: 14.594 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BM037183.D  
Acq: 22 Oct 2022 01:23

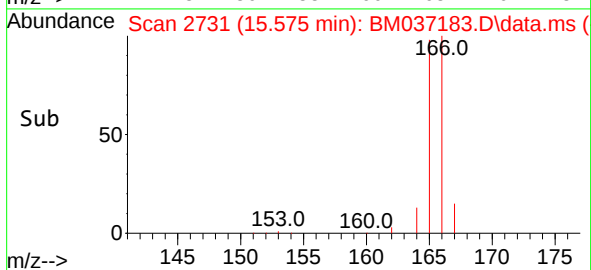
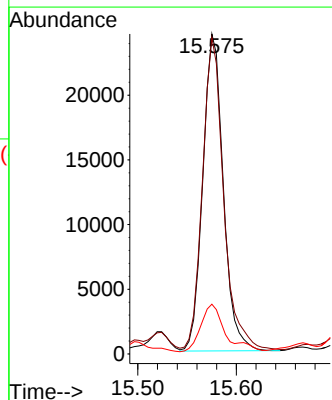
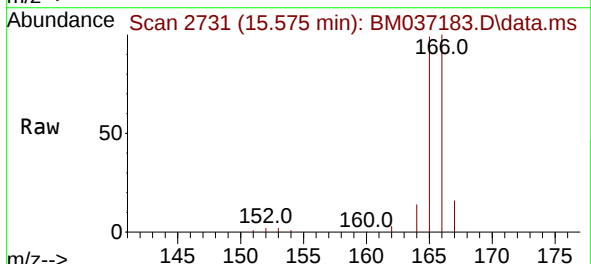
Instrument :  
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ClientSampleId :  
C0BP5DL

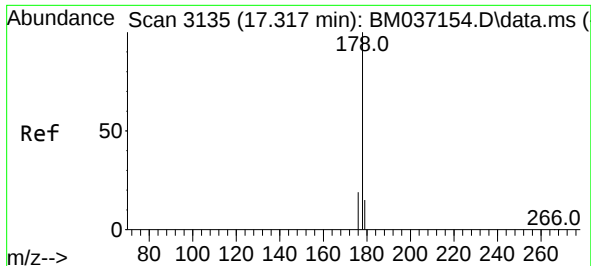
Tgt Ion:153 Resp: 13567  
Ion Ratio Lower Upper  
153 100  
152 51.1 43.3 64.9  
154 89.3 70.0 105.0



#12  
Fluorene  
Concen: 0.671 ng/ul  
RT: 15.575 min Scan# 2731  
Delta R.T. -0.008 min  
Lab File: BM037183.D  
Acq: 22 Oct 2022 01:23

Tgt Ion:166 Resp: 35329  
Ion Ratio Lower Upper  
166 100  
165 98.8 79.4 119.2  
167 15.5 11.3 16.9

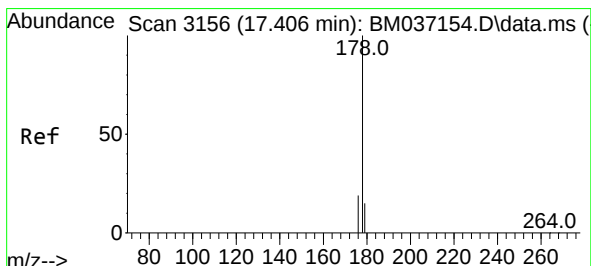
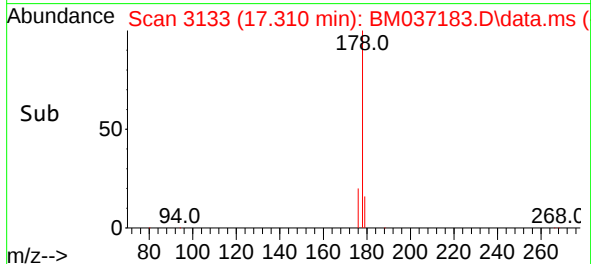
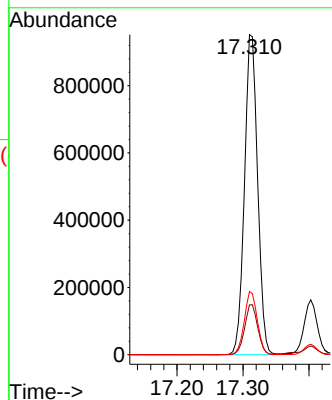
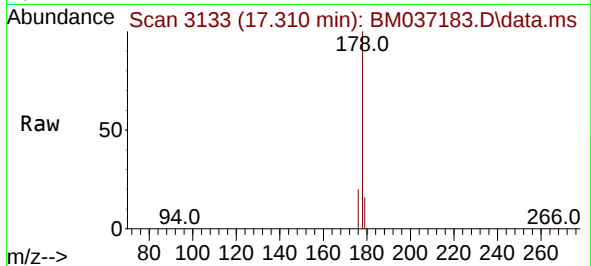




#15  
Phenanthrene  
Concen: 15.492 ng/ul  
RT: 17.310 min Scan# 3133  
Delta R.T. -0.012 min  
Lab File: BM037183.D  
Acq: 22 Oct 2022 01:23

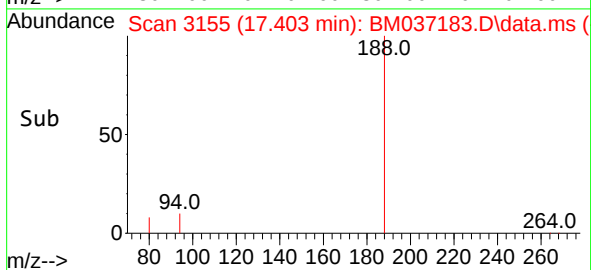
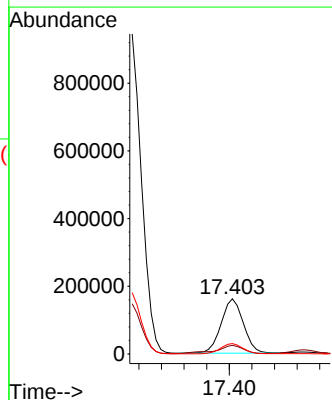
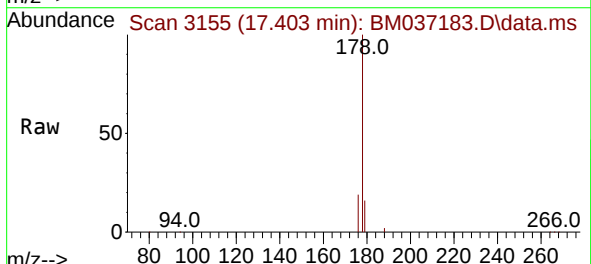
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ClientSampleId :  
C0BP5DL

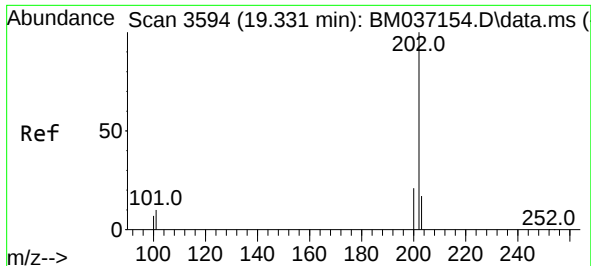
Tgt Ion:178 Resp: 1316464  
Ion Ratio Lower Upper  
178 100  
179 15.5 13.0 19.6  
176 19.7 16.1 24.1



#16  
Anthracene  
Concen: 3.260 ng/ul  
RT: 17.403 min Scan# 3155  
Delta R.T. -0.012 min  
Lab File: BM037183.D  
Acq: 22 Oct 2022 01:23

Tgt Ion:178 Resp: 219398  
Ion Ratio Lower Upper  
178 100  
179 15.6 13.1 19.7  
176 18.9 15.3 22.9

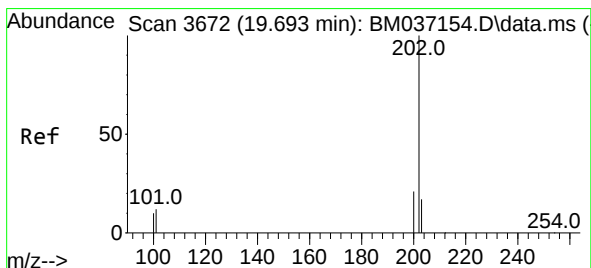
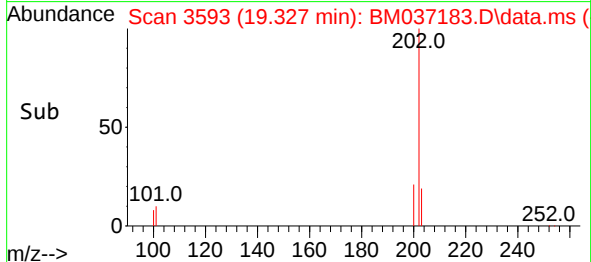
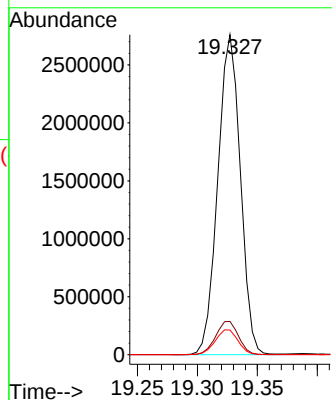
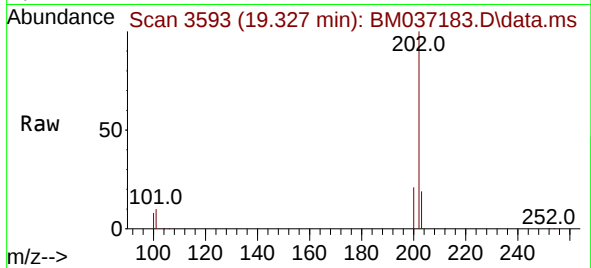




#19  
Fluoranthene  
Concen: 40.949 ng/ul  
RT: 19.327 min Scan# 3593  
Delta R.T. -0.004 min  
Lab File: BM037183.D  
Acq: 22 Oct 2022 01:23

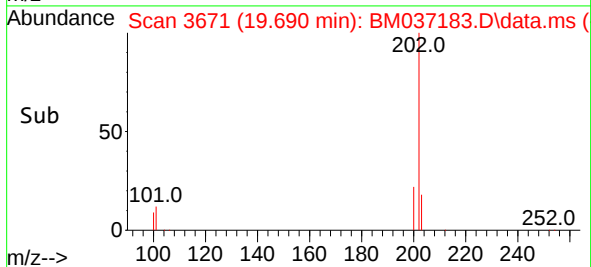
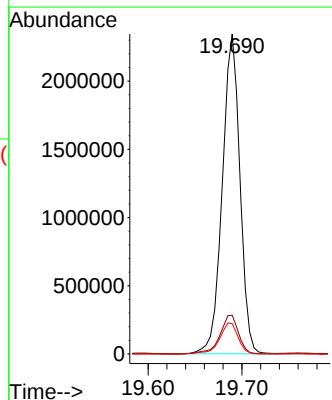
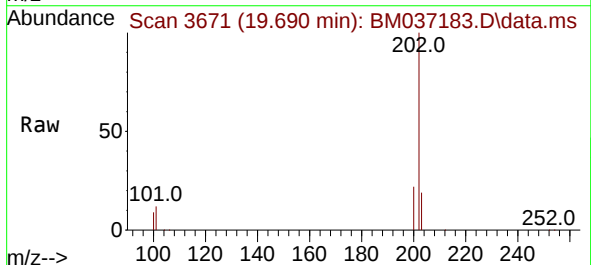
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BNA\_N  
ClientSampleId :  
C0BP5DL

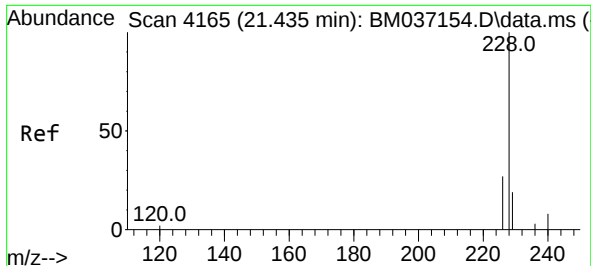
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Ion Ratio Lower Upper  
202 100  
101 10.4 8.9 13.3  
100 7.7 6.9 10.3



#20  
Pyrene  
Concen: 34.178 ng/ul  
RT: 19.690 min Scan# 3671  
Delta R.T. -0.008 min  
Lab File: BM037183.D  
Acq: 22 Oct 2022 01:23

Tgt Ion:202 Resp: 3058246  
Ion Ratio Lower Upper  
202 100  
101 12.1 9.7 14.5  
100 9.5 7.8 11.8

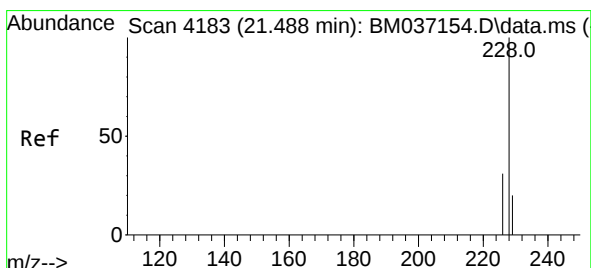
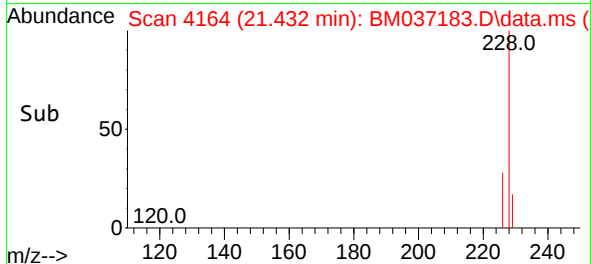
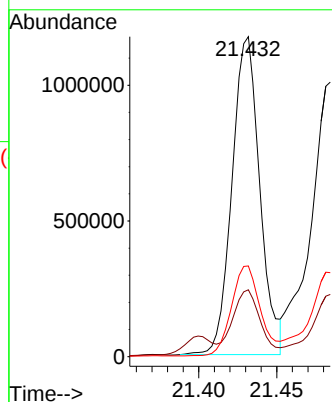
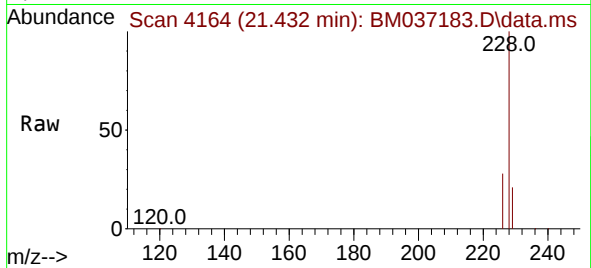




#21  
Benzo(a)anthracene  
Concen: 18.427 ng/ul  
RT: 21.432 min Scan# 4165  
Delta R.T. -0.010 min  
Lab File: BM037183.D  
Acq: 22 Oct 2022 01:23

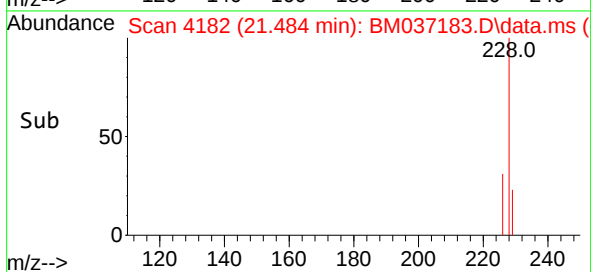
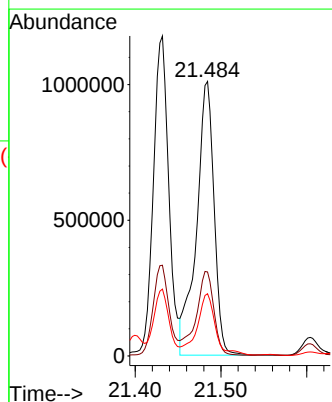
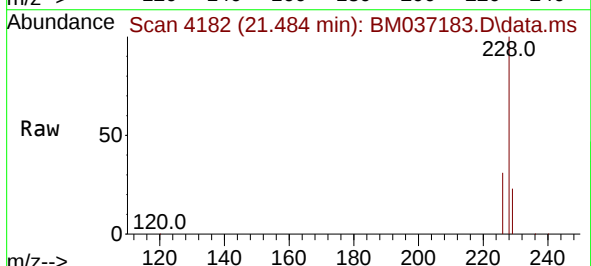
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BNA\_N  
ClientSampleId :  
C0BP5DL

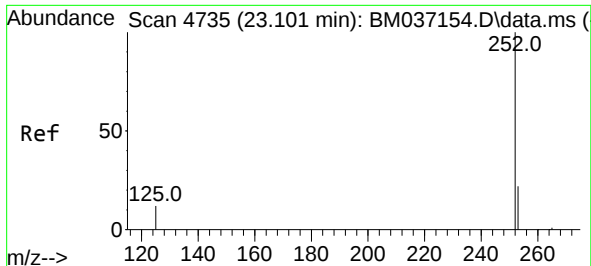
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Ion Ratio Lower Upper  
228 100  
229 20.9 15.8 23.6  
226 28.4 21.8 32.8



#22  
Chrysene  
Concen: 15.821 ng/ul  
RT: 21.484 min Scan# 4182  
Delta R.T. -0.007 min  
Lab File: BM037183.D  
Acq: 22 Oct 2022 01:23

Tgt Ion:228 Resp: 1435383  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.8 37.2  
229 22.6 16.0 24.0

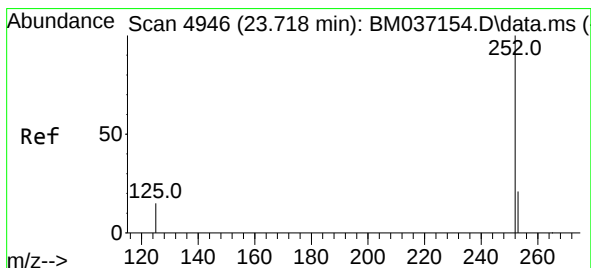
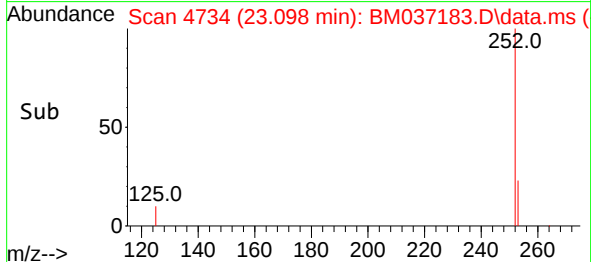
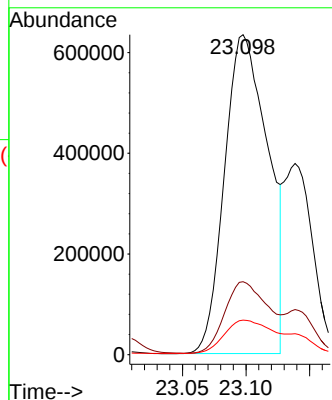
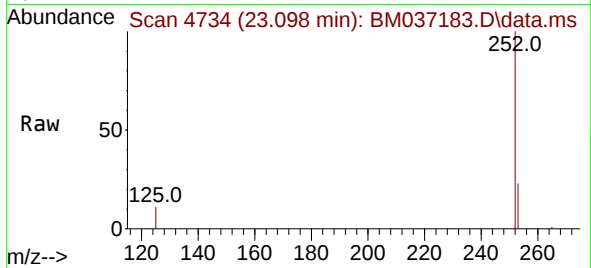




#24  
Benzo(b)fluoranthene  
Concen: 15.551 ng/ul  
RT: 23.098 min Scan# 41  
Delta R.T. -0.013 min  
Lab File: BM037183.D  
Acq: 22 Oct 2022 01:23

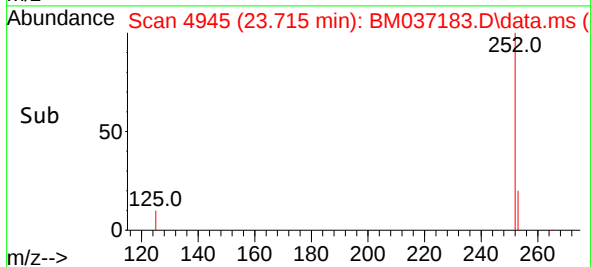
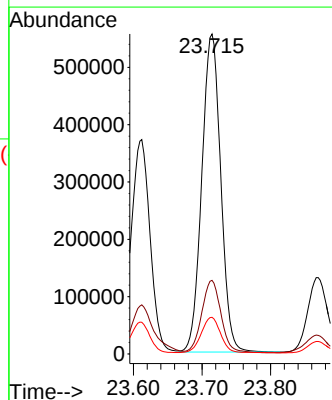
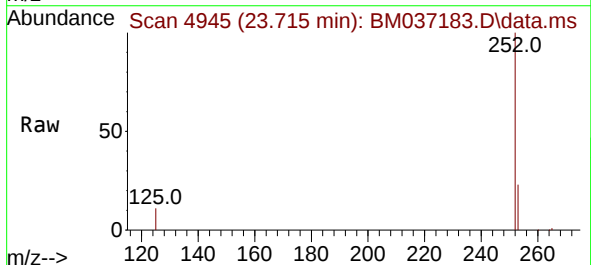
Instrument :  
BNA\_N  
ClientSampleId :  
C0BP5DL

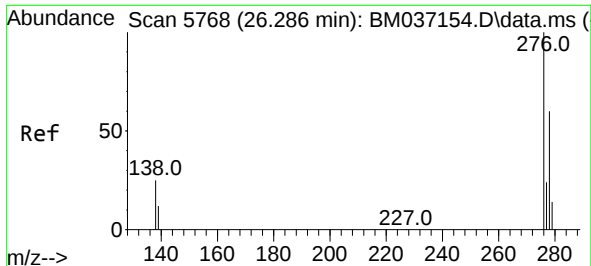
Tgt Ion:252 Resp: 1504933  
Ion Ratio Lower Upper  
252 100  
253 22.8 0.0 50.6  
125 10.8 0.0 32.6



#26  
Benzo(a)pyrene  
Concen: 13.727 ng/ul  
RT: 23.715 min Scan# 4945  
Delta R.T. -0.015 min  
Lab File: BM037183.D  
Acq: 22 Oct 2022 01:23

Tgt Ion:252 Resp: 1066701  
Ion Ratio Lower Upper  
252 100  
253 23.0 22.1 33.1  
125 11.4 17.6 26.4#

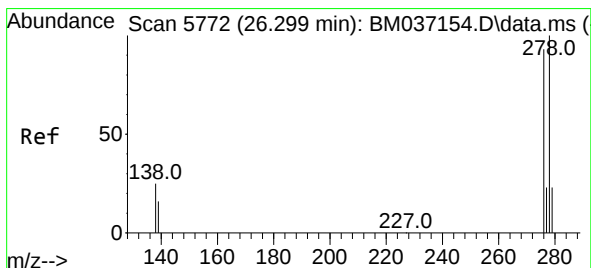
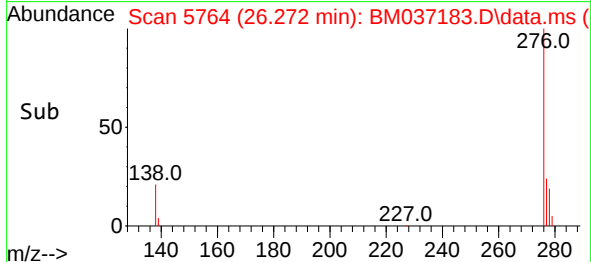
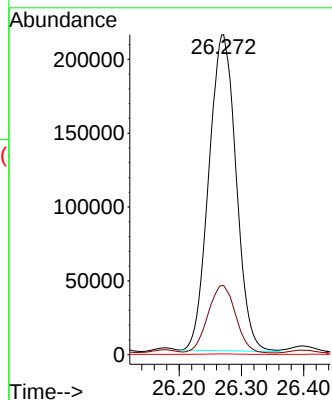
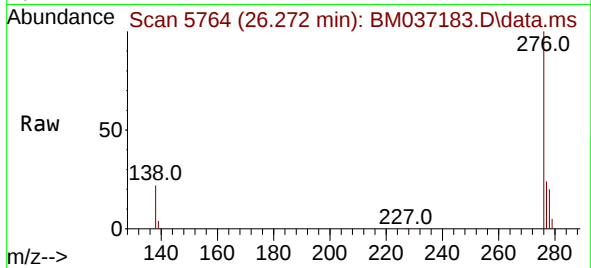




#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 5.991 ng/ul  
 RT: 26.272 min Scan# 51  
 Delta R.T. -0.028 min  
 Lab File: BM037183.D  
 Acq: 22 Oct 2022 01:23

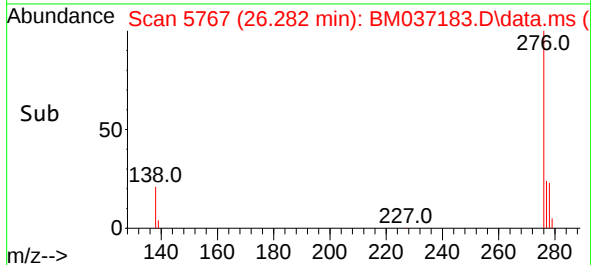
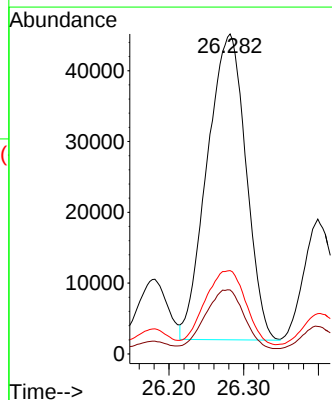
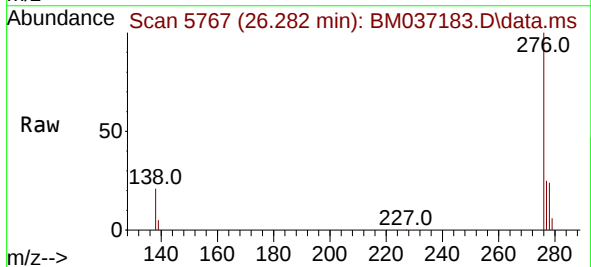
Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0BP5DL

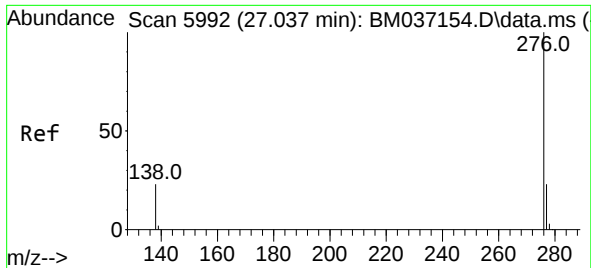
Tgt Ion:276 Resp: 650260  
 Ion Ratio Lower Upper  
 276 100  
 138 21.8 21.4 32.0  
 227 0.1 0.1 0.1#



#28  
 Dibenzo(a,h)anthracene  
 Concen: 1.816 ng/ul  
 RT: 26.282 min Scan# 5767  
 Delta R.T. -0.034 min  
 Lab File: BM037183.D  
 Acq: 22 Oct 2022 01:23

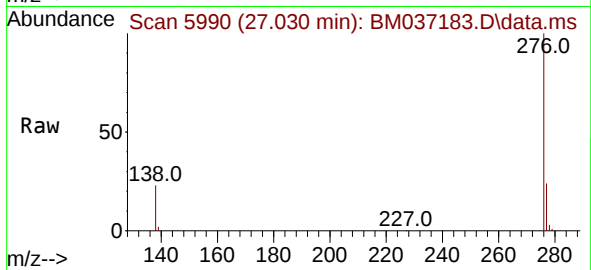
Tgt Ion:278 Resp: 155549  
 Ion Ratio Lower Upper  
 278 100  
 139 20.0 16.3 24.5  
 279 26.1 21.5 32.3





#29  
 Benzo(g,h,i)perylene  
 Concen: 5.809 ng/ul  
 RT: 27.030 min Scan# 5990  
 Delta R.T. -0.028 min  
 Lab File: BM037183.D  
 Acq: 22 Oct 2022 01:23

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0BP5DL



Tgt Ion:276 Resp: 554578  
 Ion Ratio Lower Upper  
 276 100  
 138 22.6 19.8 29.8  
 277 24.0 20.1 30.1

