

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM112122\  
 Data File : BM037649.D  
 Acq On : 22 Nov 2022 19:29  
 Operator : CG/JU  
 Sample : N5577-10  
 Misc :  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C9834

Quant Time: Nov 22 22:52:49 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 21 22:36:32 2022  
 Response via : Initial Calibration

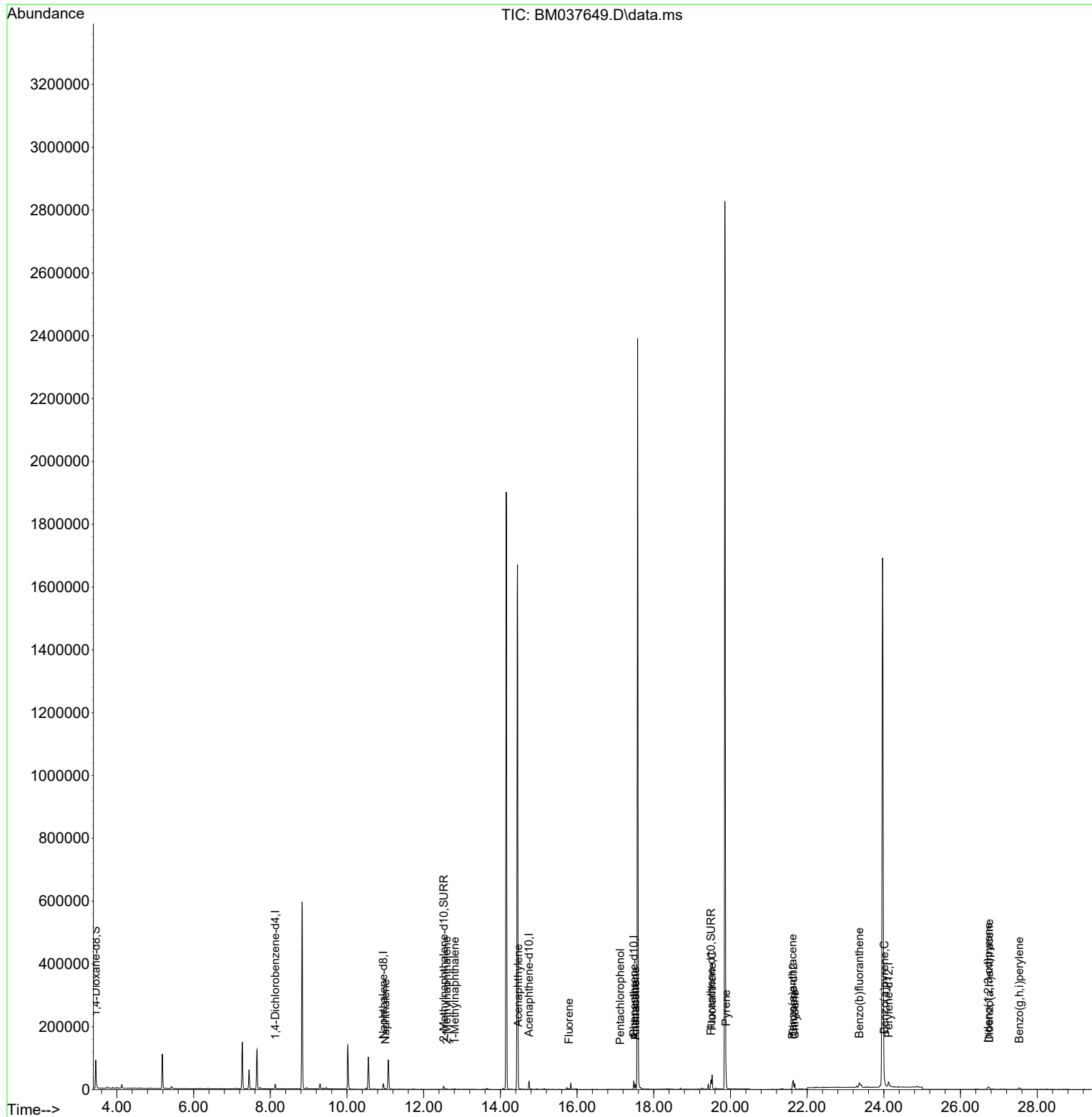
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.129  | 152  | 7095     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.946 | 136  | 22146    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.746 | 164  | 13369    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.477 | 188  | 28630    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.637 | 240  | 21876    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.124 | 264  | 22827    | 0.400 | ng/ul  | # 0.00   |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.450  | 96   | 54958    | 6.662 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.524 | 152  | 11931    | 0.325 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.493 | 212  | 28939    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 11.001 | 128  | 2752     | 0.041 | ng/ul# | 94       |
| 7) 2-Methylnaphthalene      | 12.596 | 142  | 1641     | 0.036 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.810 | 142  | 1175     | 0.025 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.468 | 152  | 1992     | 0.027 | ng/ul# | 68       |
| 12) Fluorene                | 15.787 | 166  | 1648     | 0.026 | ng/ul# | 96       |
| 14) Pentachlorophenol       | 17.123 | 266  | 184      | 0.029 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.520 | 178  | 16960    | 0.173 | ng/ul  | 99       |
| 16) Anthracene              | 17.520 | 178  | 10844    | 0.115 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.521 | 202  | 36074    | 0.342 | ng/ul# | 94       |
| 20) Pyrene                  | 19.884 | 202  | 35896    | 0.327 | ng/ul# | 95       |
| 21) Benzo(a)anthracene      | 21.619 | 228  | 14269    | 0.146 | ng/ul  | 98       |
| 22) Chrysene                | 21.675 | 228  | 17437    | 0.180 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.361 | 252  | 24569    | 0.236 | ng/ul# | 80       |
| 26) Benzo(a)pyrene          | 24.016 | 252  | 15111    | 0.167 | ng/ul# | 72       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.721 | 276  | 13385    | 0.112 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.745 | 278  | 5081     | 0.054 | ng/ul# | 70       |
| 29) Benzo(g,h,i)perylene    | 27.533 | 276  | 10555    | 0.104 | ng/ul# | 91       |
| -----                       |        |      |          |       |        |          |

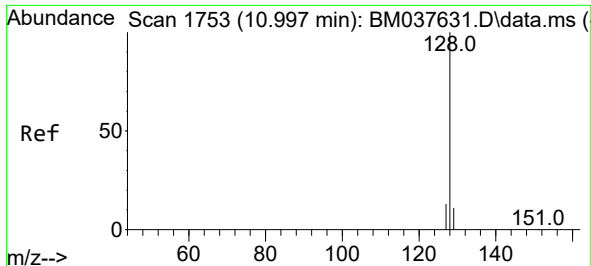
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM112122\  
Data File : BM037649.D  
Acq On : 22 Nov 2022 19:29  
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Sample : N5577-10  
Misc :  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C9834

Quant Time: Nov 22 22:52:49 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM11622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 21 22:36:32 2022  
Response via : Initial Calibration

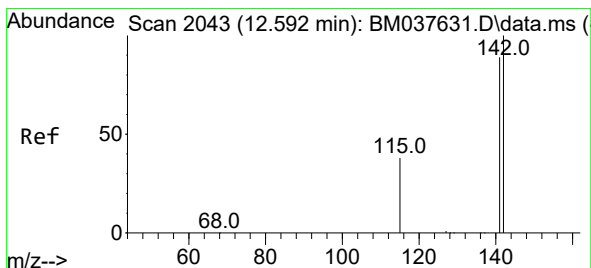
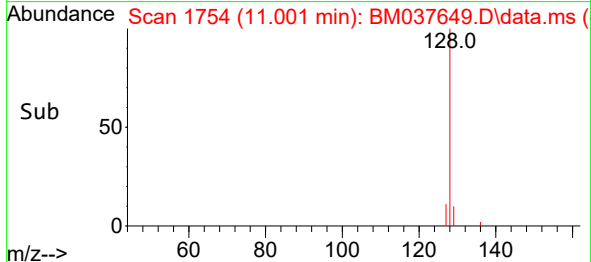
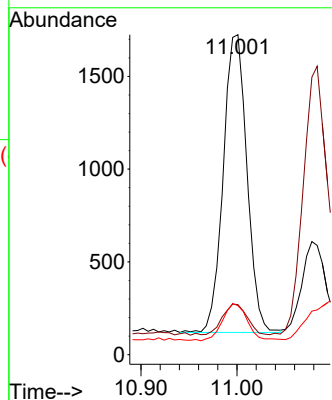
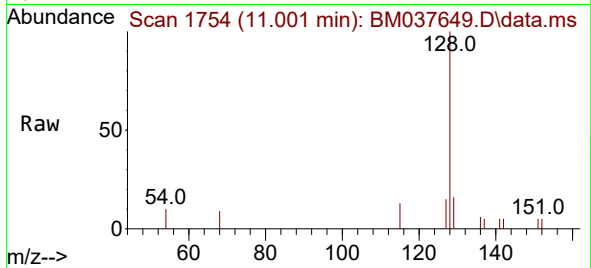




#5  
Naphthalene  
Concen: 0.041 ng/ul  
RT: 11.001 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM037649.D  
Acq: 22 Nov 2022 19:29

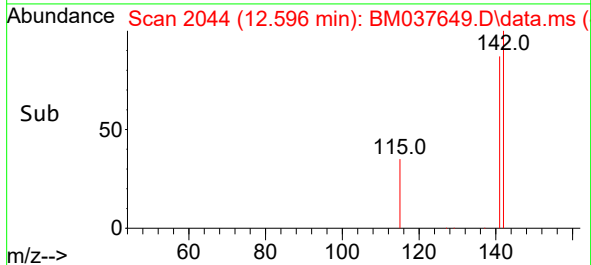
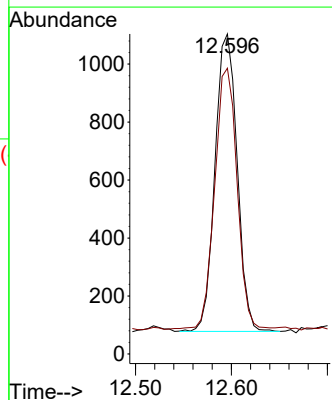
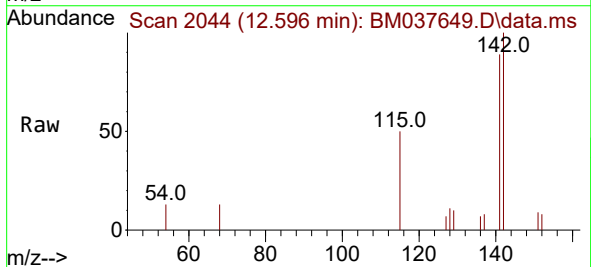
Instrument :  
BNA\_M  
ClientSampleId :  
C9834

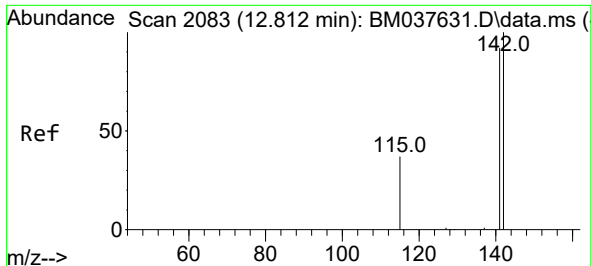
Tgt Ion:128 Resp: 2752  
Ion Ratio Lower Upper  
128 100  
129 15.7 9.8 14.8#  
127 15.3 11.0 16.4



#7  
2-Methylnaphthalene  
Concen: 0.036 ng/ul  
RT: 12.596 min Scan# 2044  
Delta R.T. -0.000 min  
Lab File: BM037649.D  
Acq: 22 Nov 2022 19:29

Tgt Ion:142 Resp: 1641  
Ion Ratio Lower Upper  
142 100  
141 88.7 71.0 106.4

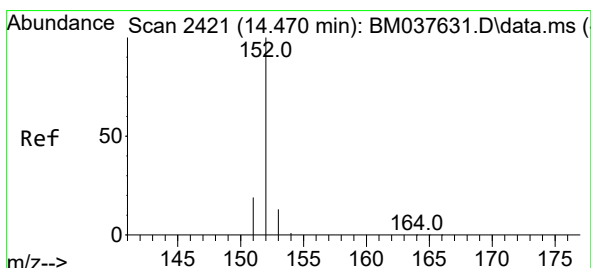
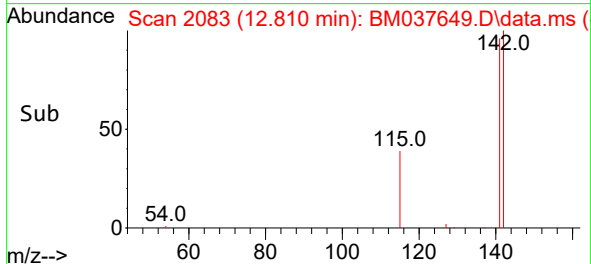
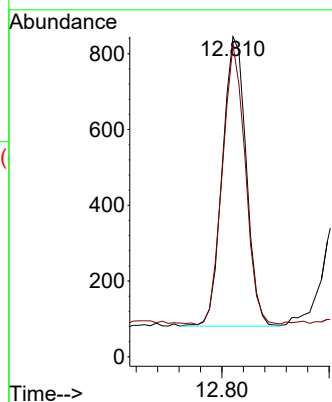
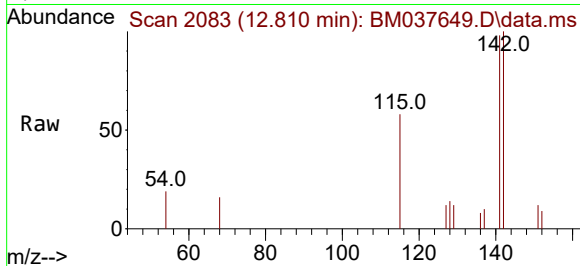




#8  
1-Methylnaphthalene  
Concen: 0.025 ng/ul  
RT: 12.810 min Scan# 2083  
Delta R.T. -0.000 min  
Lab File: BM037649.D  
Acq: 22 Nov 2022 19:29

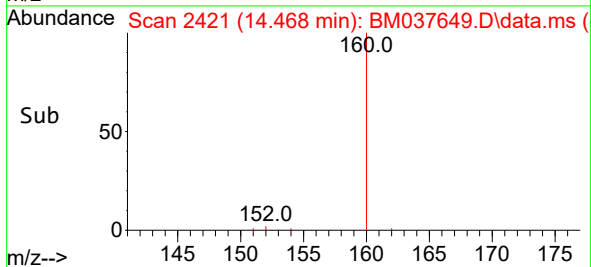
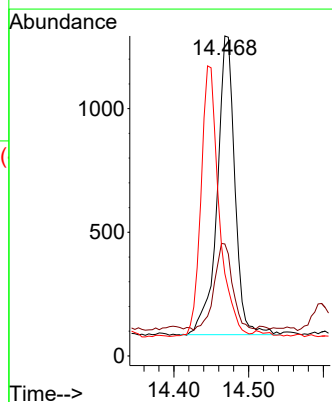
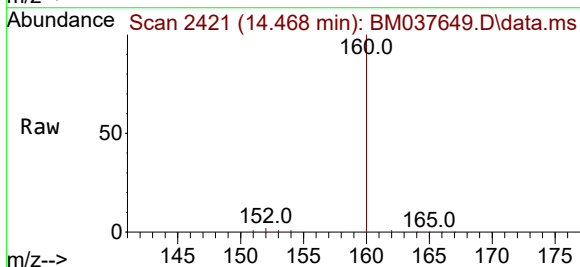
Instrument :  
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ClientSampleId :  
C9834

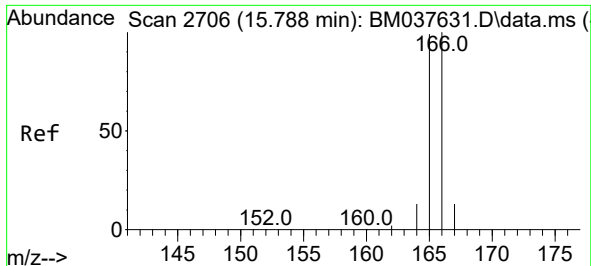
Tgt Ion:142 Resp: 1175  
Ion Ratio Lower Upper  
142 100  
141 92.9 73.4 110.0



#10  
Acenaphthylene  
Concen: 0.027 ng/ul  
RT: 14.468 min Scan# 2421  
Delta R.T. -0.000 min  
Lab File: BM037649.D  
Acq: 22 Nov 2022 19:29

Tgt Ion:152 Resp: 1992  
Ion Ratio Lower Upper  
152 100  
151 35.0 15.9 23.9#  
153 25.7 11.0 16.4#

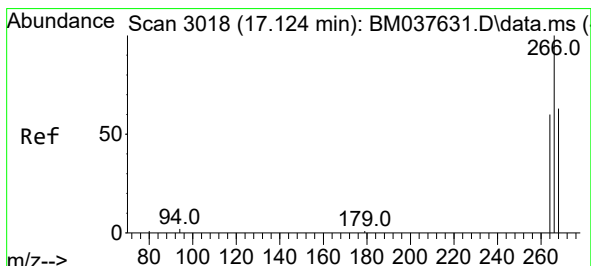
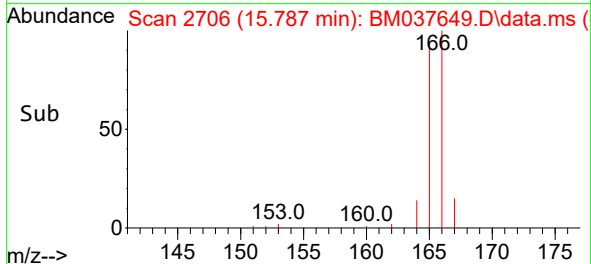
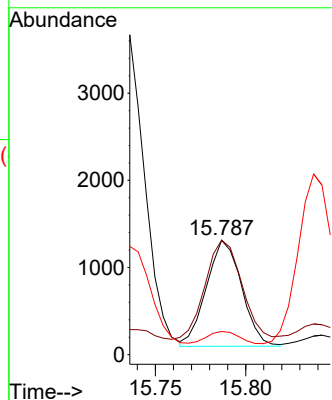
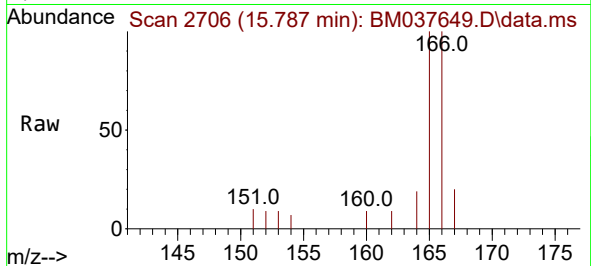




#12  
Fluorene  
Concen: 0.026 ng/ul  
RT: 15.787 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM037649.D  
Acq: 22 Nov 2022 19:29

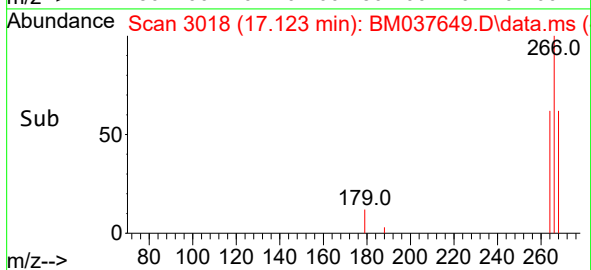
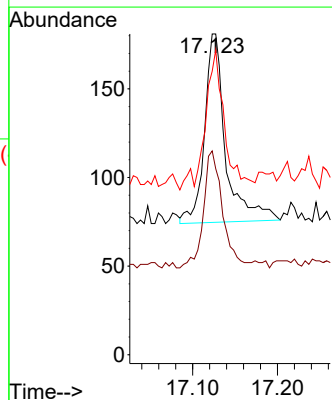
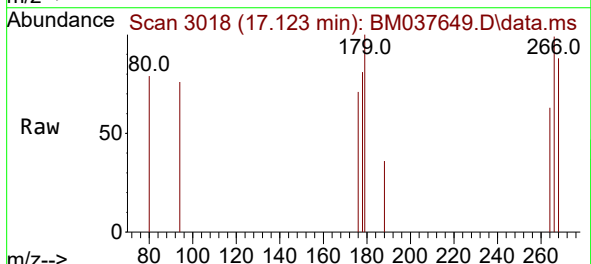
Instrument :  
BNA\_M  
ClientSampleId :  
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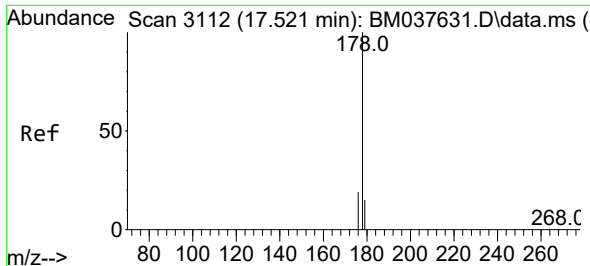
Tgt Ion:166 Resp: 1648  
Ion Ratio Lower Upper  
166 100  
165 100.2 78.7 118.1  
167 20.4 11.3 16.9#



#14  
Pentachlorophenol  
Concen: 0.029 ng/ul  
RT: 17.123 min Scan# 3018  
Delta R.T. -0.004 min  
Lab File: BM037649.D  
Acq: 22 Nov 2022 19:29

Tgt Ion:266 Resp: 184  
Ion Ratio Lower Upper  
266 100  
264 58.7 50.2 75.2  
268 68.5 52.0 78.0

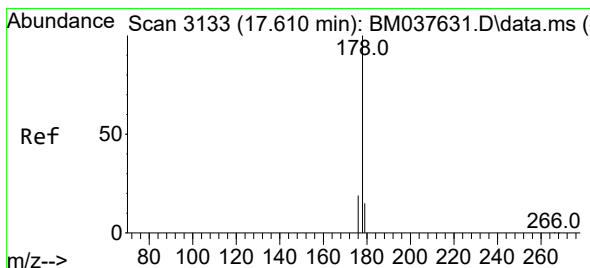
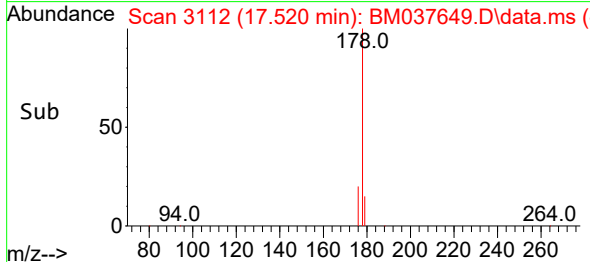
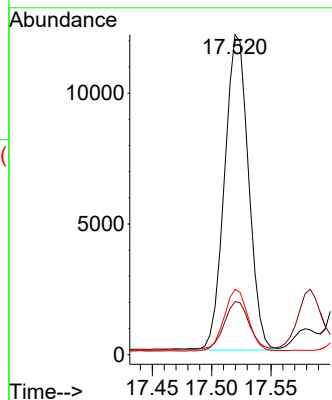
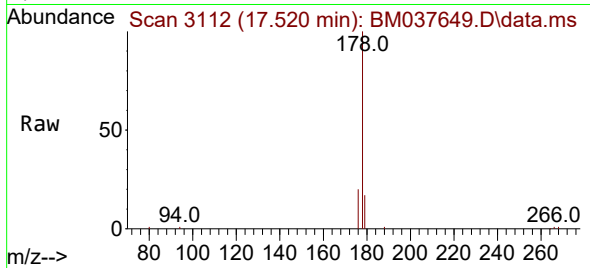




#15  
Phenanthrene  
Concen: 0.173 ng/ul  
RT: 17.520 min Scan# 3112  
Delta R.T. -0.004 min  
Lab File: BM037649.D  
Acq: 22 Nov 2022 19:29

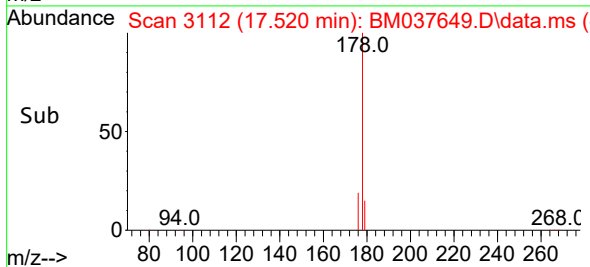
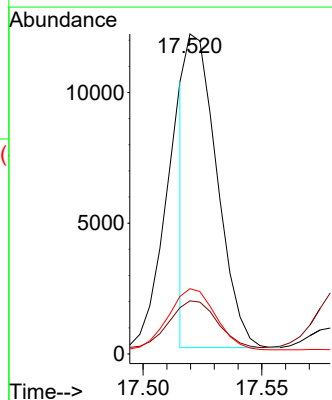
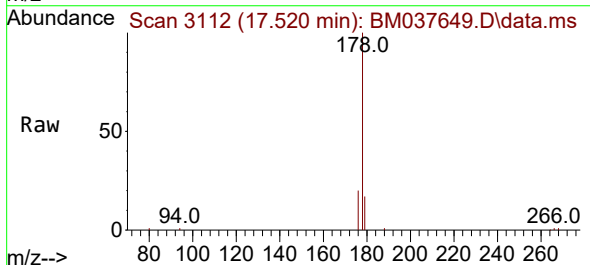
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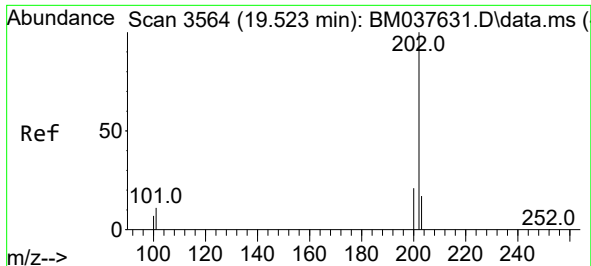
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|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 16960 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 179       | 16.6  | 12.6  | 18.8  |
| 176       | 20.4  | 16.0  | 24.0  |



#16  
Anthracene  
Concen: 0.115 ng/ul  
RT: 17.520 min Scan# 3112  
Delta R.T. -0.093 min  
Lab File: BM037649.D  
Acq: 22 Nov 2022 19:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 10844 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 179       | 16.6  | 12.8  | 19.2  |
| 176       | 20.4  | 15.0  | 22.6  |

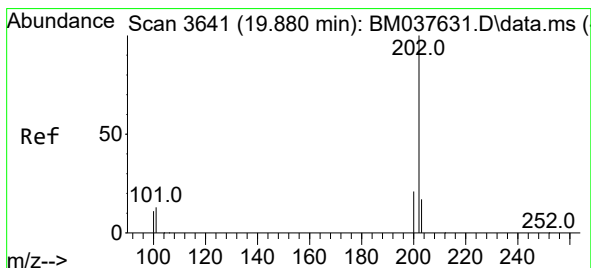
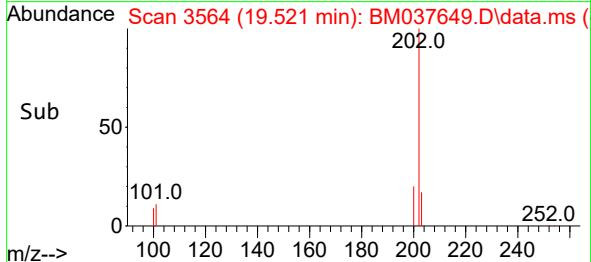
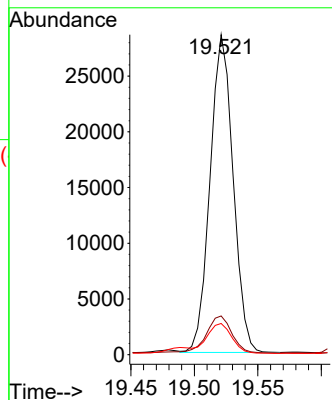
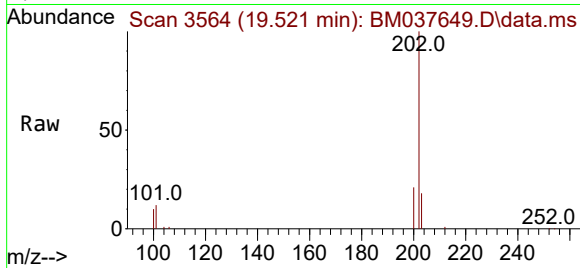




#19  
Fluoranthene  
Concen: 0.342 ng/ul  
RT: 19.521 min Scan# 3564  
Delta R.T. -0.000 min  
Lab File: BM037649.D  
Acq: 22 Nov 2022 19:29

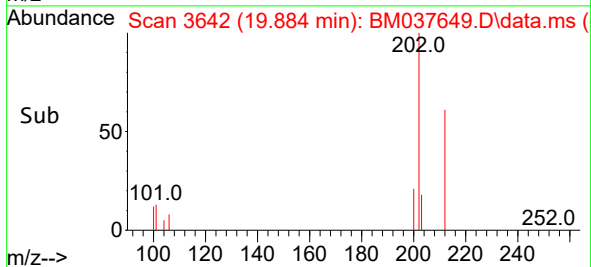
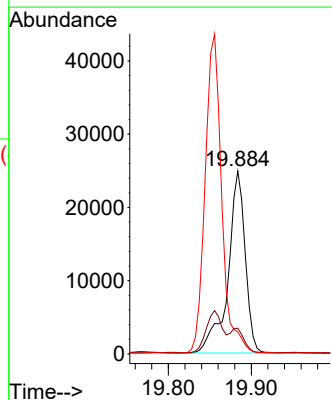
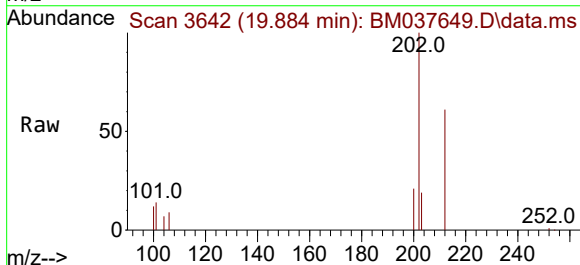
Instrument :  
BNA\_M  
ClientSampleId :  
C9834

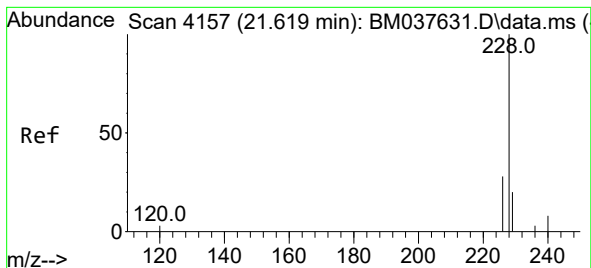
Tgt Ion:202 Resp: 36074  
Ion Ratio Lower Upper  
202 100  
101 12.1 8.2 12.2  
100 9.7 6.1 9.1#



#20  
Pyrene  
Concen: 0.327 ng/ul  
RT: 19.884 min Scan# 3642  
Delta R.T. -0.000 min  
Lab File: BM037649.D  
Acq: 22 Nov 2022 19:29

Tgt Ion:202 Resp: 35896  
Ion Ratio Lower Upper  
202 100  
101 14.1 10.1 15.1  
100 12.0 8.0 12.0#





#21

Benzo(a)anthracene

Concen: 0.146 ng/ul

RT: 21.619 min Scan# 4157

Delta R.T. -0.003 min

Lab File: BM037649.D

Acq: 22 Nov 2022 19:29

Instrument :

BNA\_M

ClientSampleId :

C9834

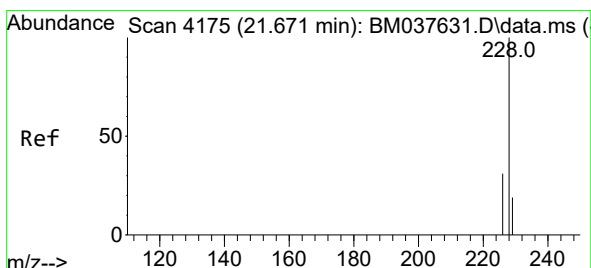
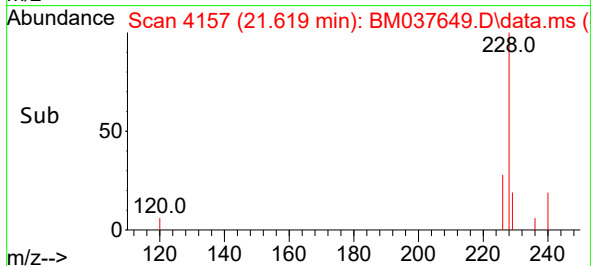
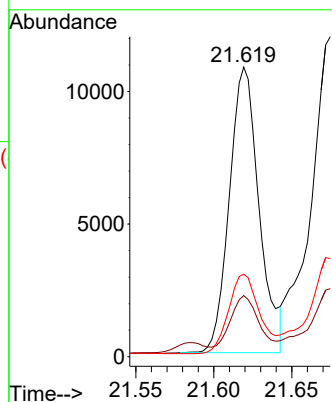
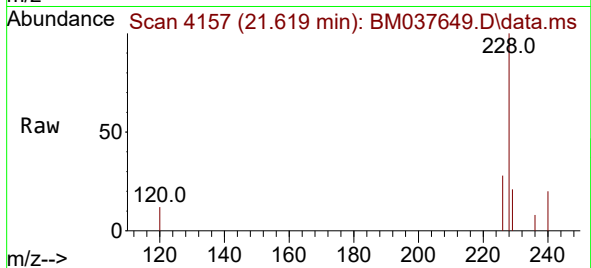
Tgt Ion:228 Resp: 14269

Ion Ratio Lower Upper

228 100

229 21.1 15.7 23.5

226 28.5 22.2 33.2



#22

Chrysene

Concen: 0.180 ng/ul

RT: 21.675 min Scan# 4176

Delta R.T. -0.000 min

Lab File: BM037649.D

Acq: 22 Nov 2022 19:29

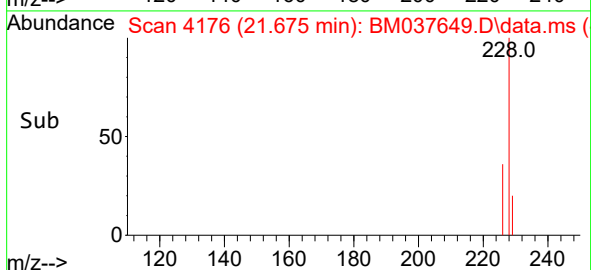
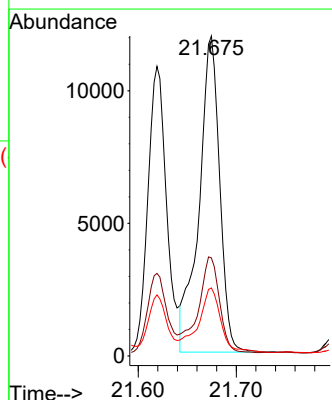
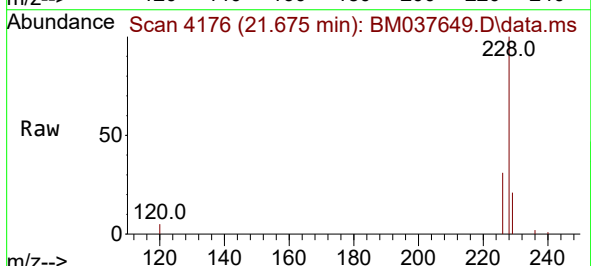
Tgt Ion:228 Resp: 17437

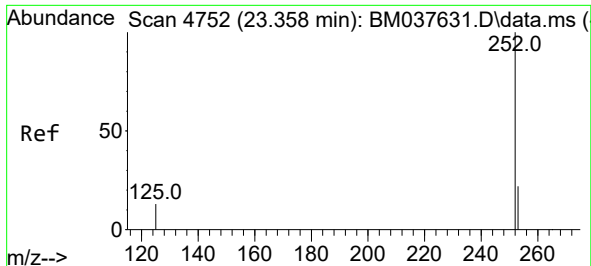
Ion Ratio Lower Upper

228 100

226 30.6 24.6 37.0

229 21.2 15.5 23.3

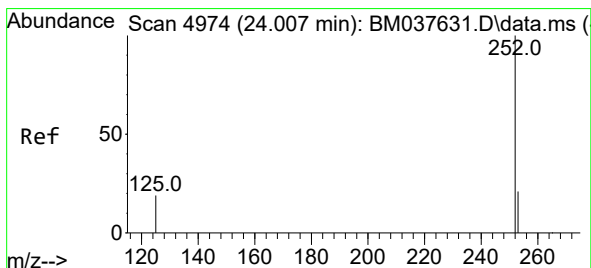
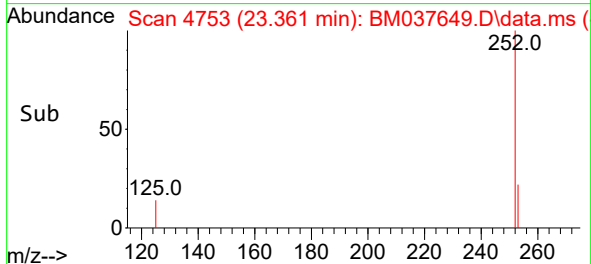
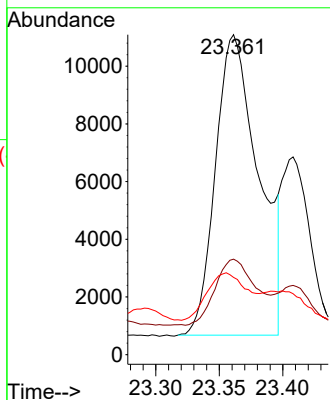
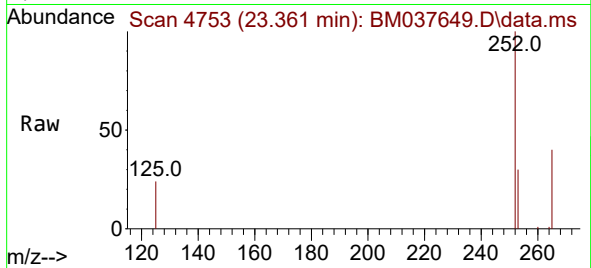




#24  
Benzo(b)fluoranthene  
Concen: 0.236 ng/ul  
RT: 23.361 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: BM037649.D  
Acq: 22 Nov 2022 19:29

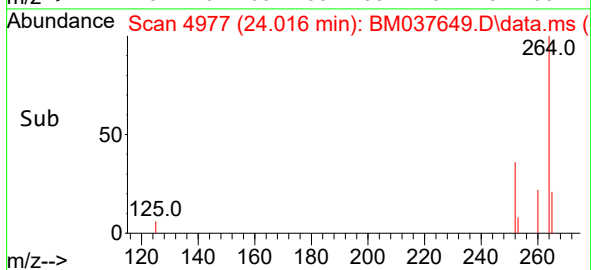
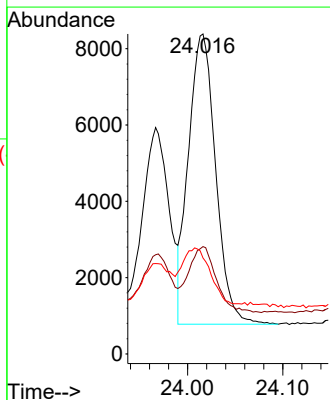
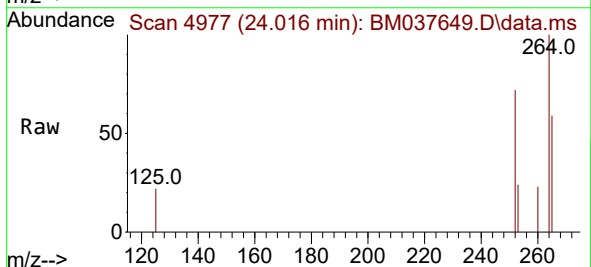
Instrument :  
BNA\_M  
ClientSampleId :  
C9834

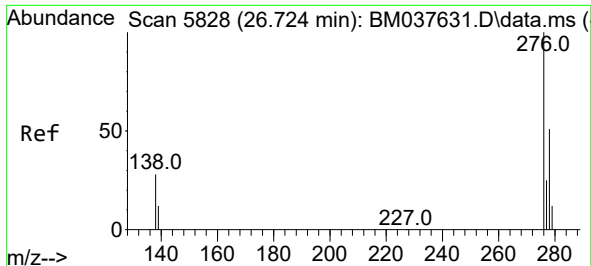
Tgt Ion:252 Resp: 24569  
Ion Ratio Lower Upper  
252 100  
253 29.9 0.0 46.2  
125 24.2 0.0 23.4#



#26  
Benzo(a)pyrene  
Concen: 0.167 ng/ul  
RT: 24.016 min Scan# 4977  
Delta R.T. 0.003 min  
Lab File: BM037649.D  
Acq: 22 Nov 2022 19:29

Tgt Ion:252 Resp: 15111  
Ion Ratio Lower Upper  
252 100  
253 33.6 18.8 28.2#  
125 30.0 10.5 15.7#

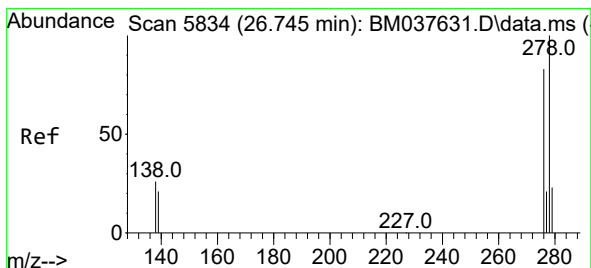
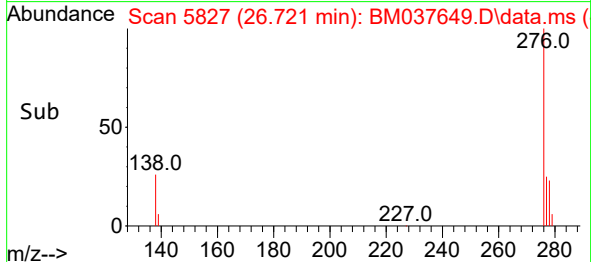
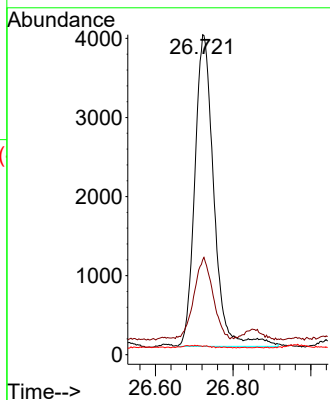
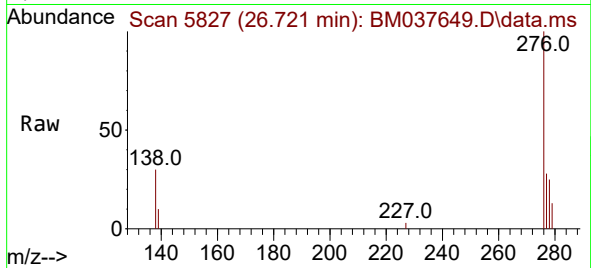




#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.112 ng/ul  
 RT: 26.721 min Scan# 5827  
 Delta R.T. -0.007 min  
 Lab File: BM037649.D  
 Acq: 22 Nov 2022 19:29

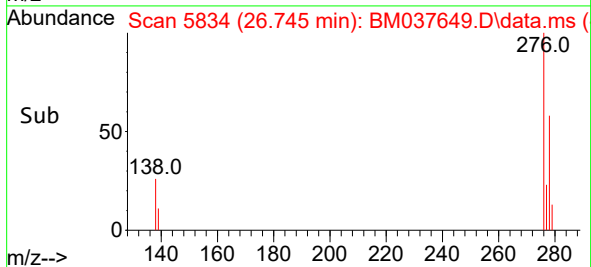
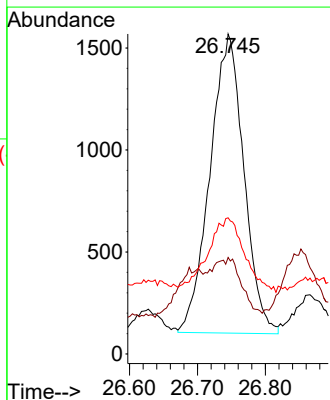
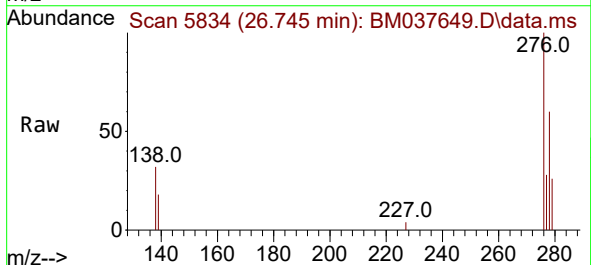
Instrument :  
 BNA\_M  
 ClientSampleId :  
 C9834

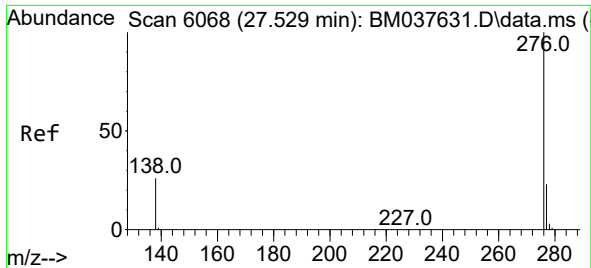
Tgt Ion:276 Resp: 13385  
 Ion Ratio Lower Upper  
 276 100  
 138 26.6 21.2 31.8  
 227 0.0 0.1 0.1#



#28  
 Dibenzo(a,h)anthracene  
 Concen: 0.054 ng/ul  
 RT: 26.745 min Scan# 5834  
 Delta R.T. -0.003 min  
 Lab File: BM037649.D  
 Acq: 22 Nov 2022 19:29

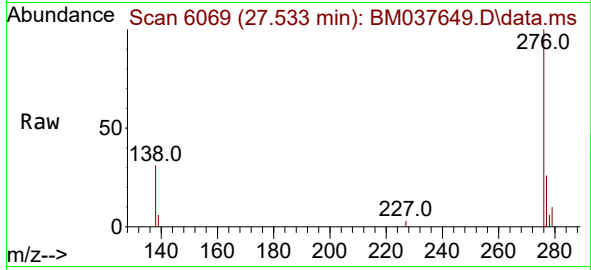
Tgt Ion:278 Resp: 5081  
 Ion Ratio Lower Upper  
 278 100  
 139 30.1 15.2 22.8#  
 279 42.6 20.2 30.2#





#29  
Benzo(g,h,i)perylene  
Concen: 0.104 ng/ul  
RT: 27.533 min Scan# 6069  
Delta R.T. -0.000 min  
Lab File: BM037649.D  
Acq: 22 Nov 2022 19:29

Instrument :  
BNA\_M  
ClientSampleId :  
C9834



Tgt Ion:276 Resp: 10555  
Ion Ratio Lower Upper  
276 100  
138 30.8 19.0 28.4#  
277 26.0 19.4 29.2

