

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112622\  
 Data File : BN022880.D  
 Acq On : 26 Nov 2022 13:36  
 Operator : CG/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SICV215

Quant Time: Nov 28 03:20:28 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN112622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 28 03:16:56 2022  
 Response via : Initial Calibration

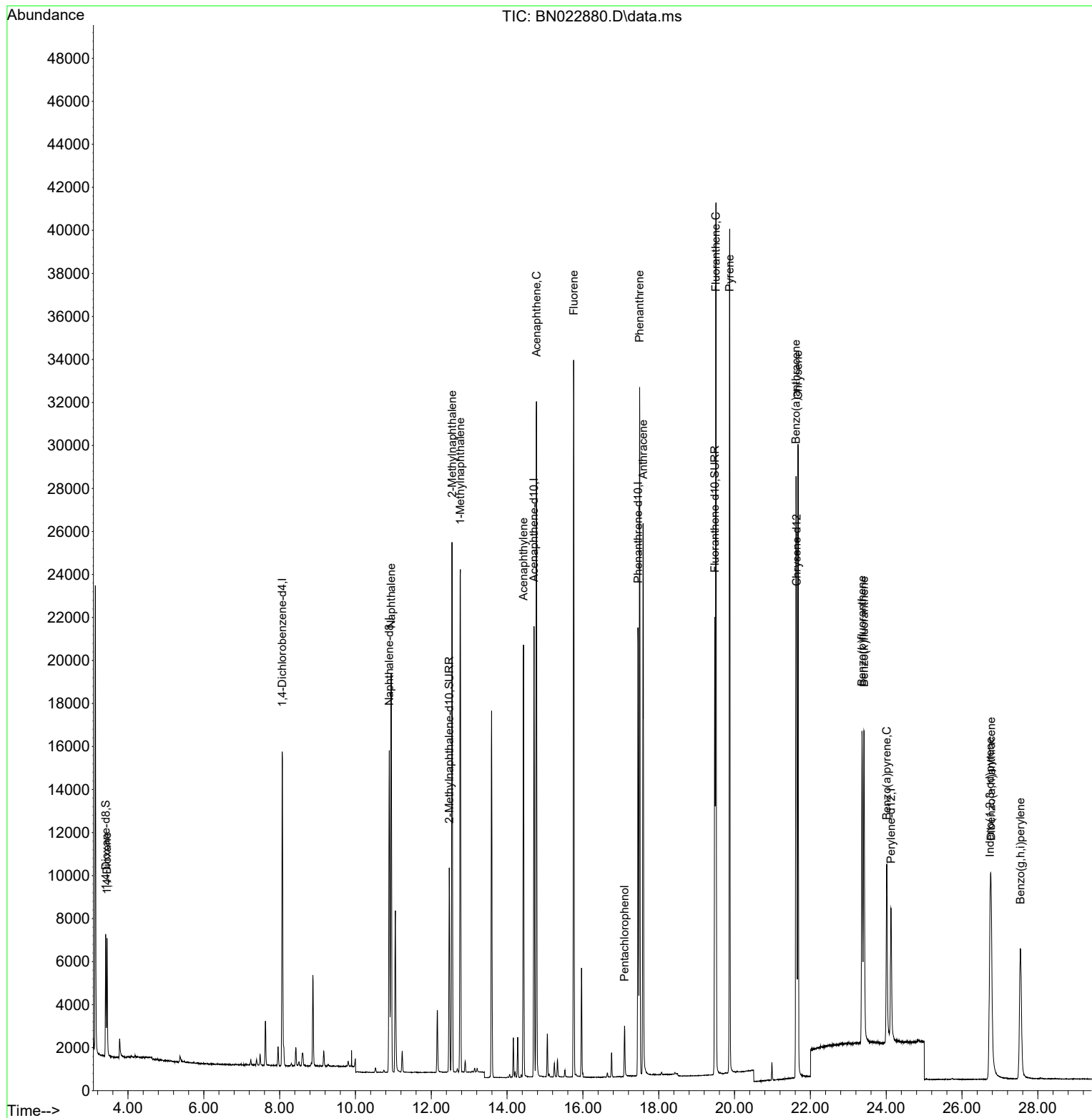
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.069  | 152  | 7250     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.892 | 136  | 19631    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.710 | 164  | 10810    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.453 | 188  | 23307    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.638 | 240  | 14933    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.126 | 264  | 9463     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.412  | 96   | 3539     | 0.407 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.476 | 152  | 11390    | 0.381 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.480 | 212  | 22075    | 0.400 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.450  | 88   | 3657     | 0.403 | ng/ul  | 96       |
| 5) Naphthalene              | 10.942 | 128  | 24676    | 0.414 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.547 | 142  | 16168    | 0.434 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.767 | 142  | 15521    | 0.410 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.432 | 152  | 21851    | 0.410 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.775 | 153  | 17388    | 0.412 | ng/ul  | 99       |
| 12) Fluorene                | 15.755 | 166  | 19858    | 0.416 | ng/ul  | 100      |
| 14) Pentachlorophenol       | 17.099 | 266  | 1609     | 0.330 | ng/ul# | 100      |
| 15) Phenanthrene            | 17.496 | 178  | 32695    | 0.409 | ng/ul  | 100      |
| 16) Anthracene              | 17.588 | 178  | 27656    | 0.403 | ng/ul  | 100      |
| 19) Fluoranthene            | 19.508 | 202  | 32877    | 0.426 | ng/ul  | 99       |
| 20) Pyrene                  | 19.871 | 202  | 31709    | 0.420 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.620 | 228  | 22623    | 0.396 | ng/ul  | 99       |
| 22) Chrysene                | 21.673 | 228  | 25730    | 0.411 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.362 | 252  | 20179    | 0.421 | ng/ul  | 99       |
| 25) Benzo(k)fluoranthene    | 23.415 | 252  | 21215    | 0.419 | ng/ul  | 99       |
| 26) Benzo(a)pyrene          | 24.012 | 252  | 14613    | 0.400 | ng/ul  | 99       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.740 | 276  | 16061    | 0.370 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 26.766 | 278  | 13391    | 0.388 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.541 | 276  | 15157    | 0.400 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

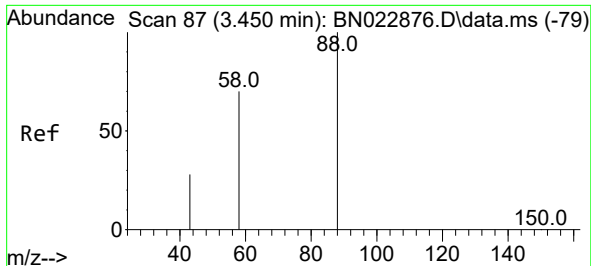
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN112622\  
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SICV215

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 28 03:16:56 2022  
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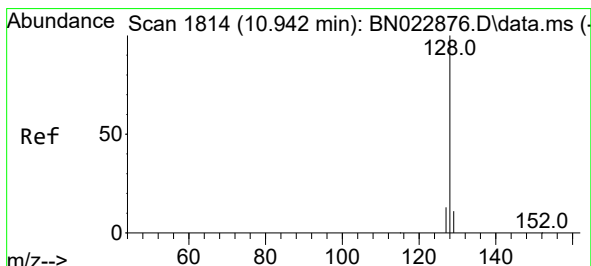
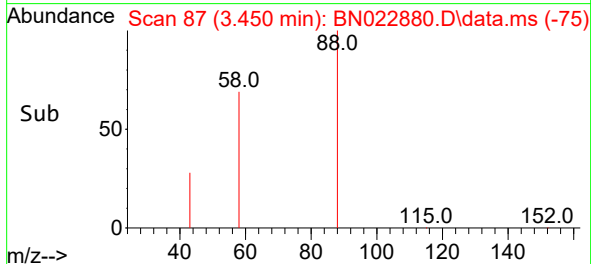
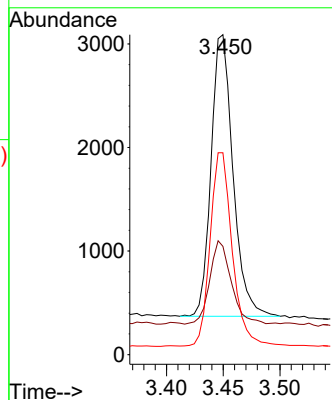
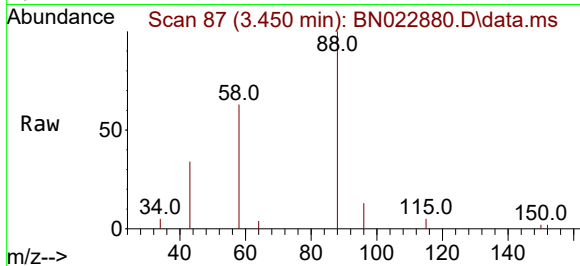




#2  
1,4-Dioxane  
Concen: 0.403 ng/ul  
RT: 3.450 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

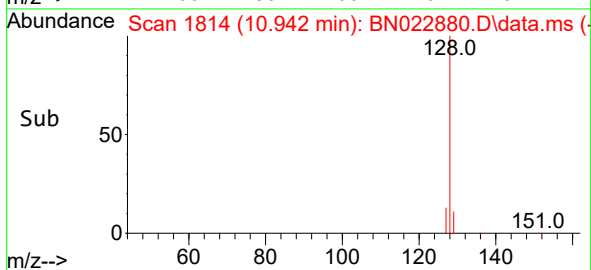
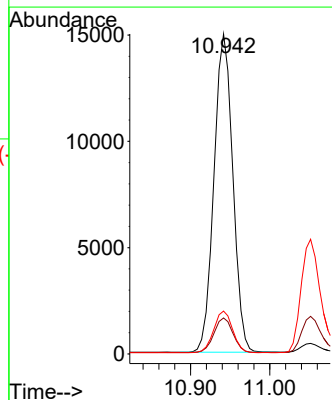
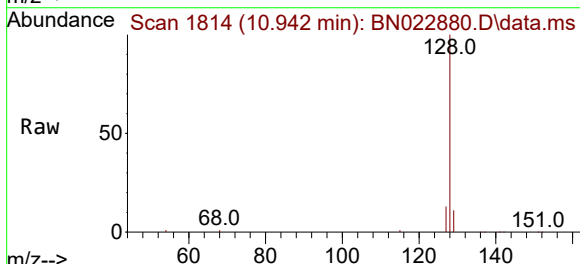
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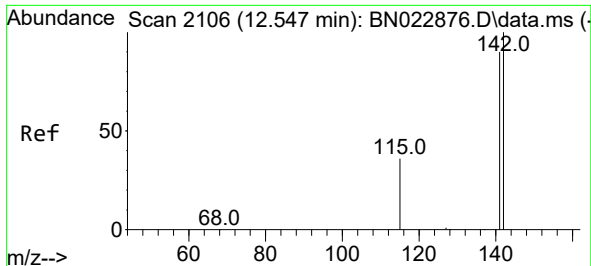
Tgt Ion: 88 Resp: 3657  
Ion Ratio Lower Upper  
88 100  
43 33.9 26.2 39.4  
58 63.1 47.6 71.4



#5  
Naphthalene  
Concen: 0.414 ng/ul  
RT: 10.942 min Scan# 1814  
Delta R.T. -0.000 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

Tgt Ion: 128 Resp: 24676  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.6  
127 13.4 10.6 16.0

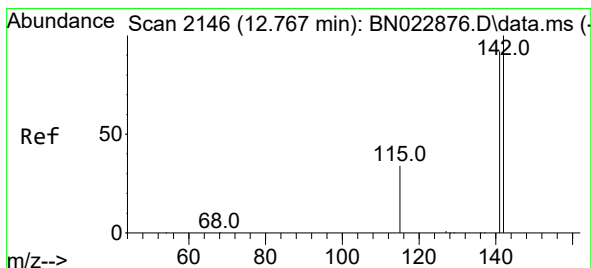
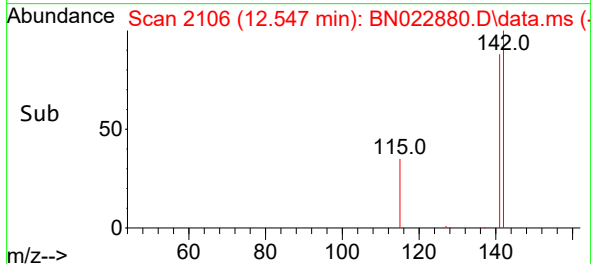
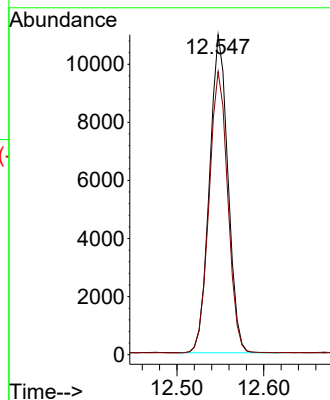
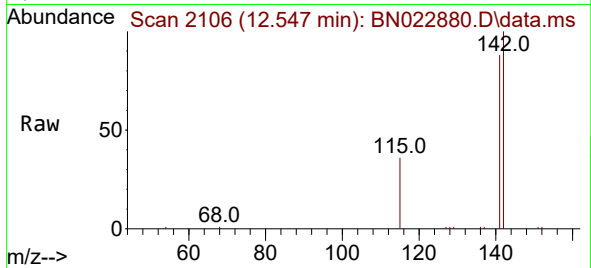




#7  
2-Methylnaphthalene  
Concen: 0.434 ng/ul  
RT: 12.547 min Scan# 2106  
Delta R.T. -0.000 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

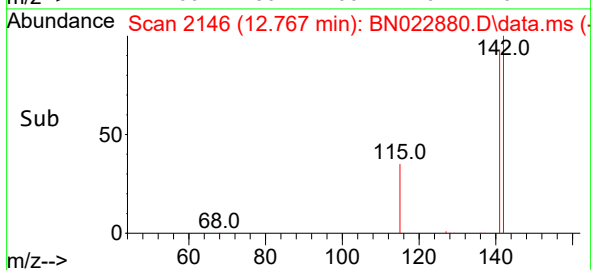
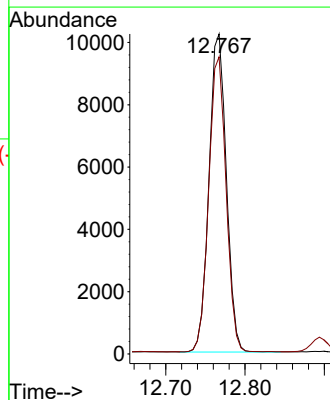
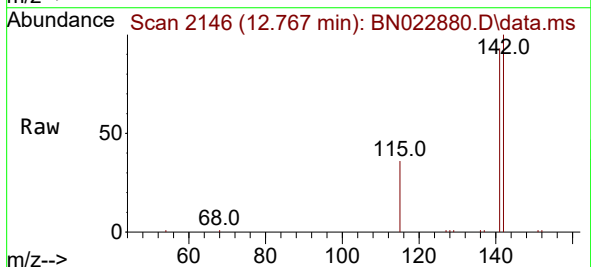
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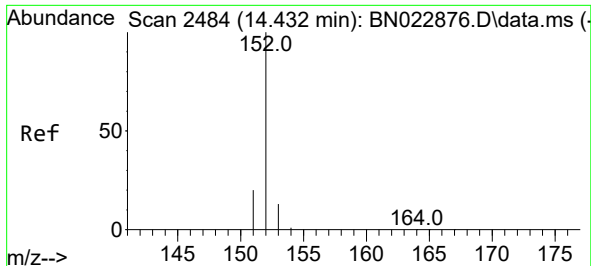
Tgt Ion:142 Resp: 16168  
Ion Ratio Lower Upper  
142 100  
141 89.6 71.6 107.4



#8  
1-Methylnaphthalene  
Concen: 0.410 ng/ul  
RT: 12.767 min Scan# 2146  
Delta R.T. -0.000 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

Tgt Ion:142 Resp: 15521  
Ion Ratio Lower Upper  
142 100  
141 92.8 73.8 110.6

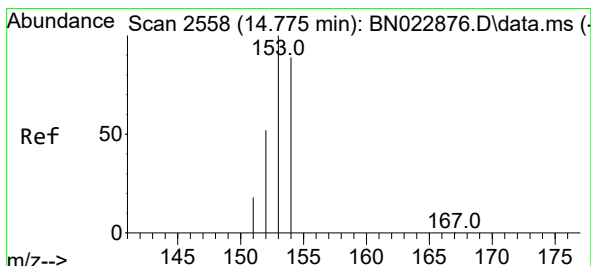
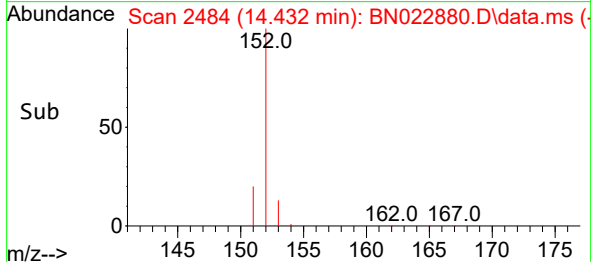
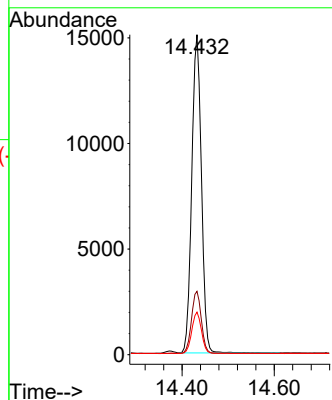
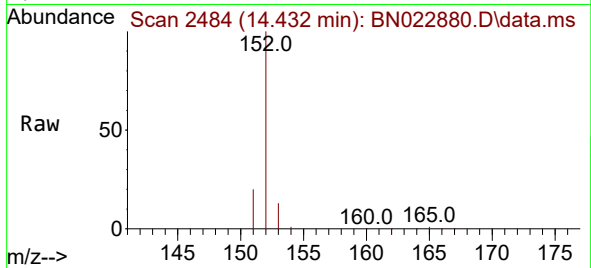




#10  
Acenaphthylene  
Concen: 0.410 ng/ul  
RT: 14.432 min Scan# 2484  
Delta R.T. -0.000 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

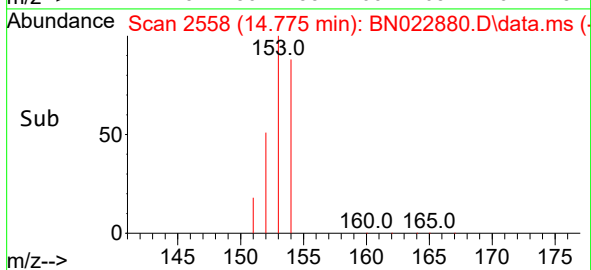
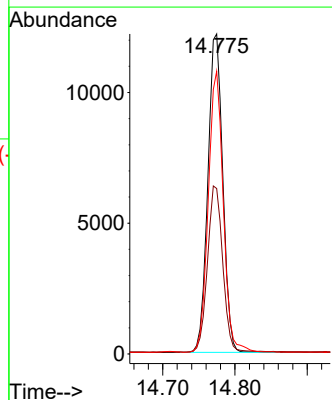
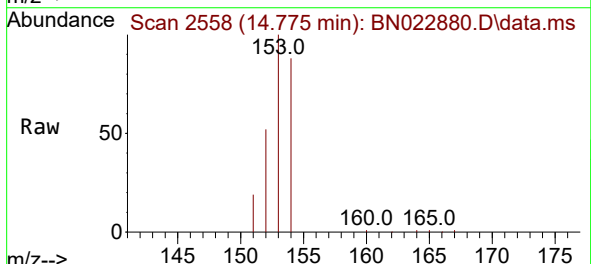
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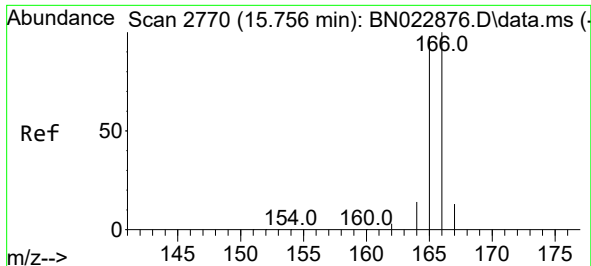
Tgt Ion:152 Resp: 21851  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.0 24.0  
153 13.3 10.5 15.7



#11  
Acenaphthene  
Concen: 0.412 ng/ul  
RT: 14.775 min Scan# 2558  
Delta R.T. -0.000 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

Tgt Ion:153 Resp: 17388  
Ion Ratio Lower Upper  
153 100  
152 51.7 41.8 62.8  
154 88.3 71.3 106.9

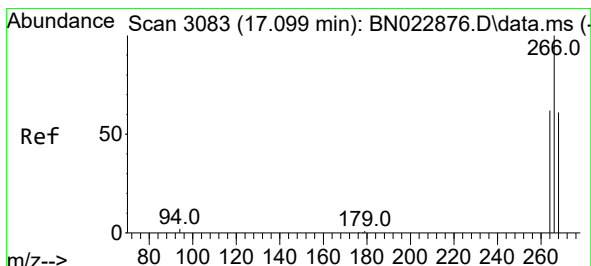
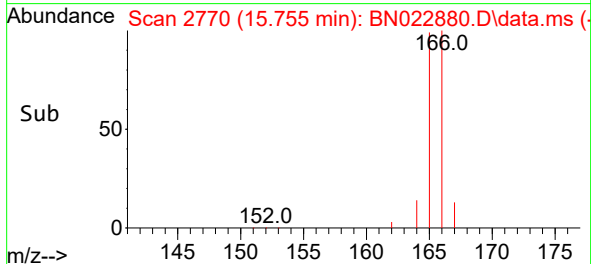
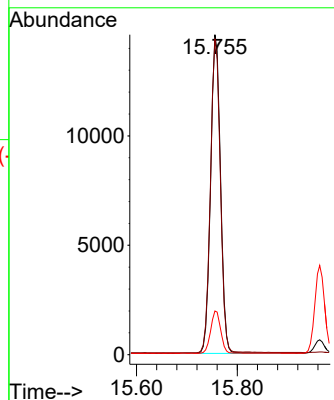
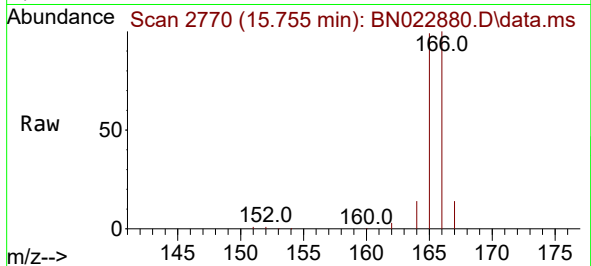




#12  
Fluorene  
Concen: 0.416 ng/ul  
RT: 15.755 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

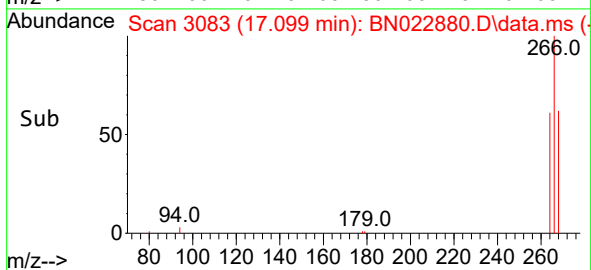
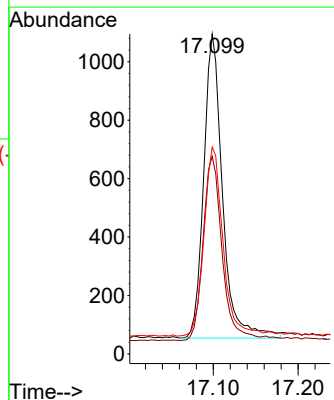
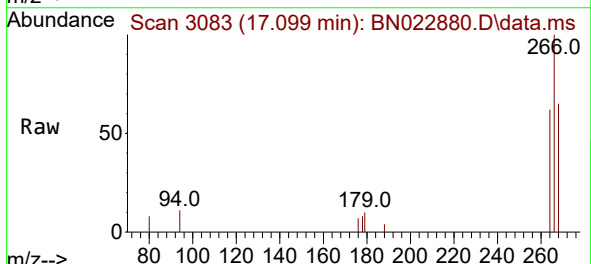
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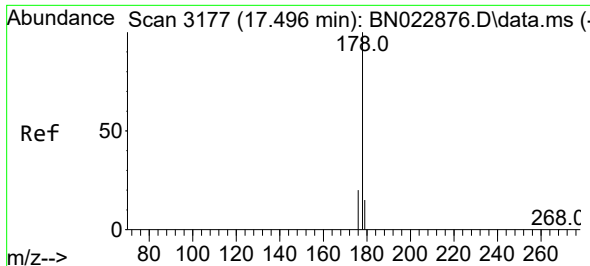
Tgt Ion:166 Resp: 19858  
Ion Ratio Lower Upper  
166 100  
165 98.8 78.7 118.1  
167 13.7 10.8 16.2



#14  
Pentachlorophenol  
Concen: 0.330 ng/ul  
RT: 17.099 min Scan# 3083  
Delta R.T. -0.000 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

Tgt Ion:266 Resp: 1609  
Ion Ratio Lower Upper  
266 100  
264 61.8 0.0 0.0#  
268 63.7 0.0 0.0#

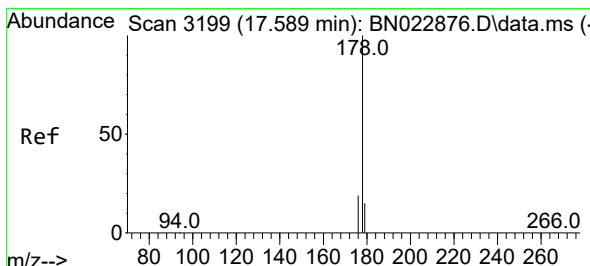
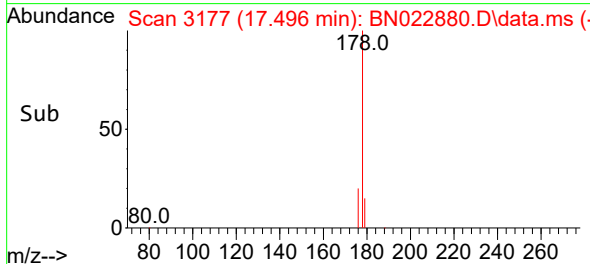
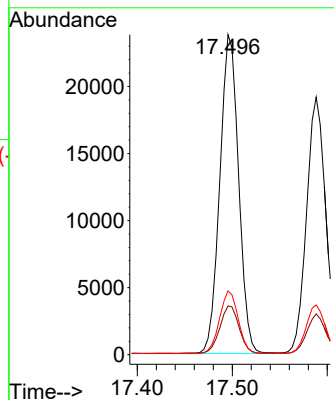
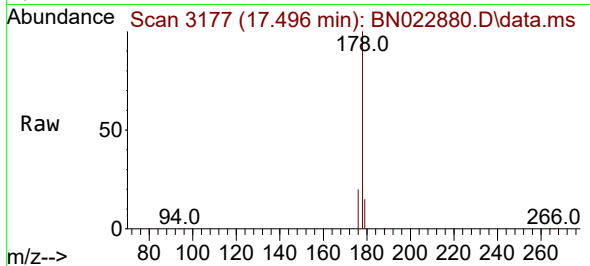




#15  
Phenanthrene  
Concen: 0.409 ng/u1  
RT: 17.496 min Scan# 3177  
Delta R.T. -0.000 min  
Lab File: BN022880.D  
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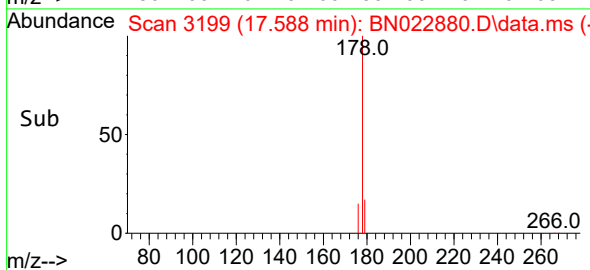
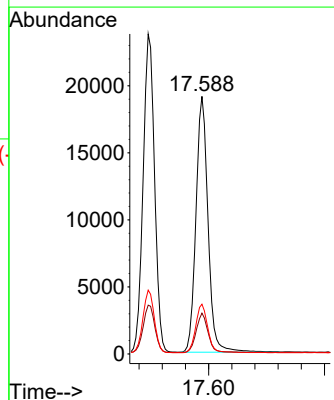
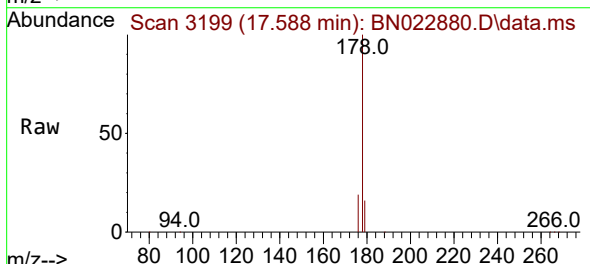
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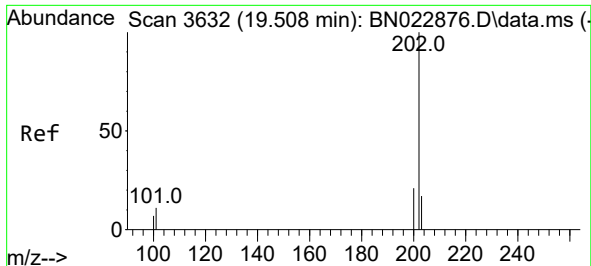
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|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 32695 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 179       | 15.3  | 12.5  | 18.7  |
| 176       | 19.9  | 15.9  | 23.9  |



#16  
Anthracene  
Concen: 0.403 ng/u1  
RT: 17.588 min Scan# 3199  
Delta R.T. -0.000 min  
Lab File: BN022880.D  
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 27656 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 179       | 15.8  | 12.6  | 18.8  |
| 176       | 19.3  | 15.3  | 22.9  |

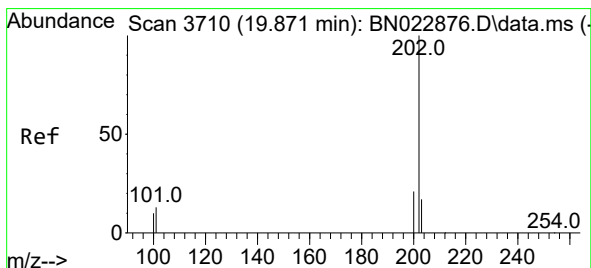
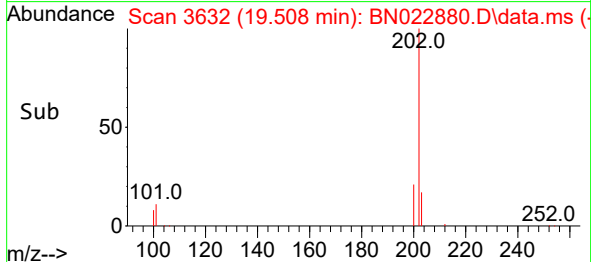
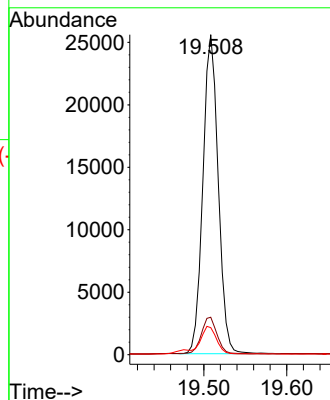
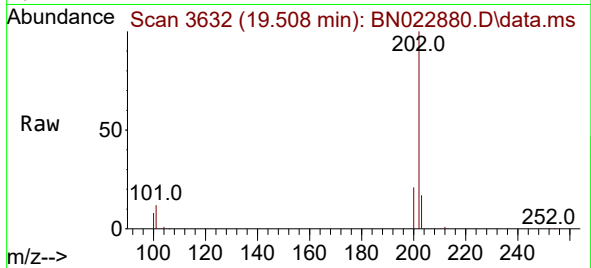




#19  
Fluoranthene  
Concen: 0.426 ng/ul  
RT: 19.508 min Scan# 3632  
Delta R.T. -0.000 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

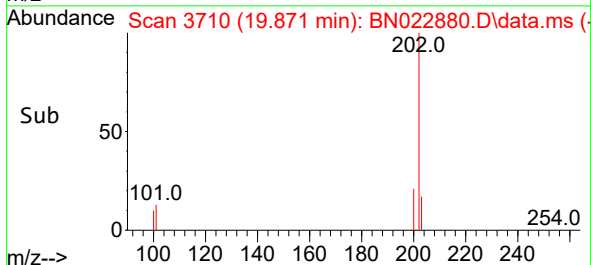
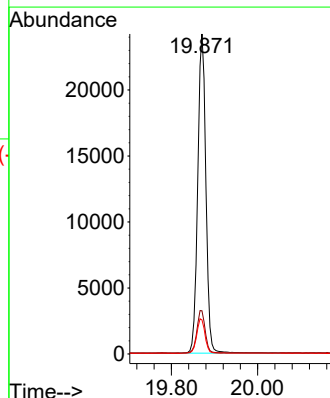
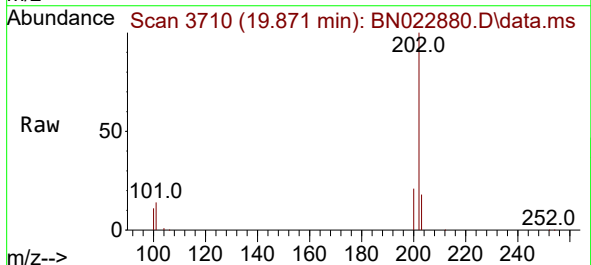
Instrument :  
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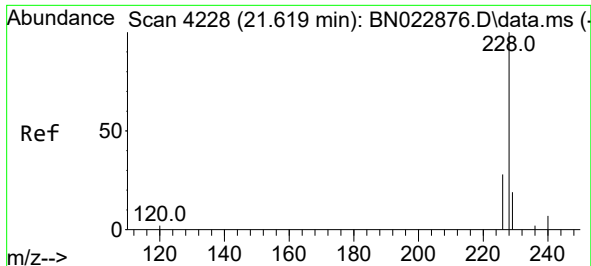
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Ion Ratio Lower Upper  
202 100  
101 11.7 9.2 13.8  
100 8.4 6.9 10.3



#20  
Pyrene  
Concen: 0.420 ng/ul  
RT: 19.871 min Scan# 3710  
Delta R.T. -0.000 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

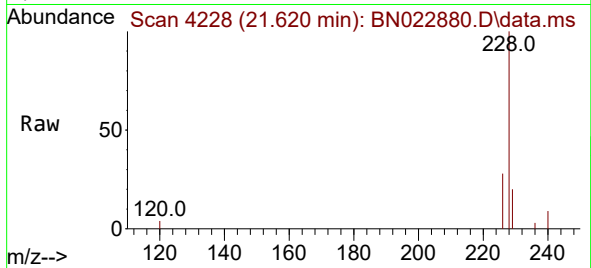
Tgt Ion:202 Resp: 31709  
Ion Ratio Lower Upper  
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101 13.5 10.6 16.0  
100 10.7 8.2 12.4



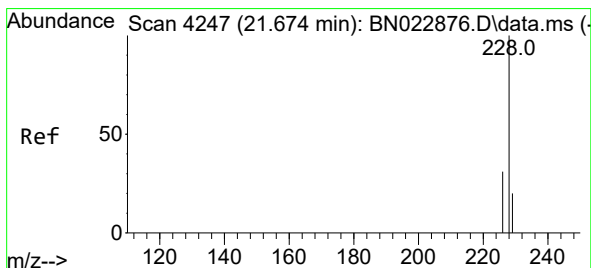
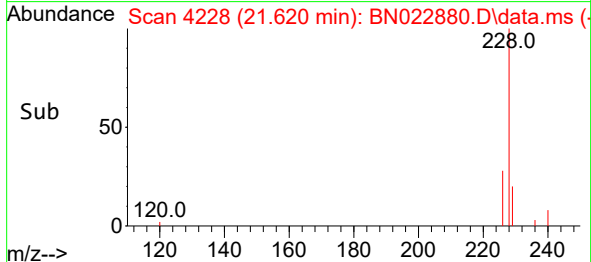
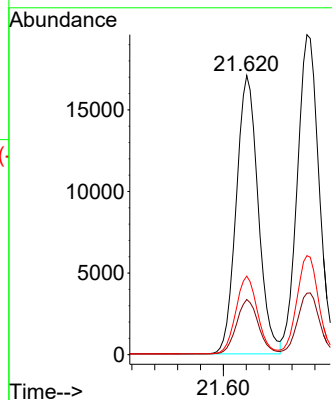


#21  
Benzo(a)anthracene  
Concen: 0.396 ng/ul  
RT: 21.620 min Scan# 41  
Delta R.T. 0.002 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

Instrument :  
BNA\_N  
ClientSampleId :  
SICV215

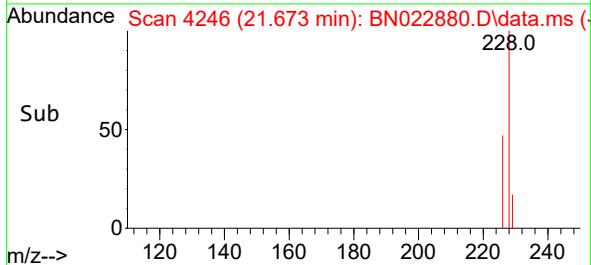
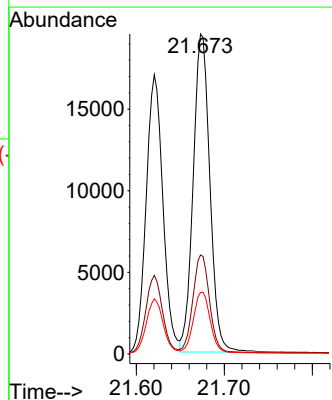
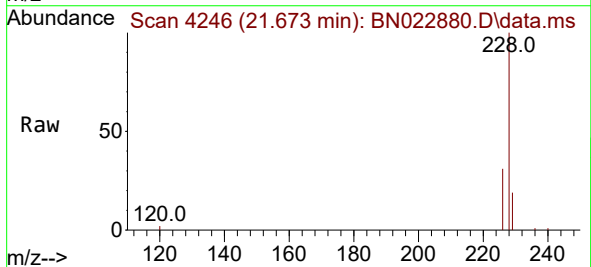


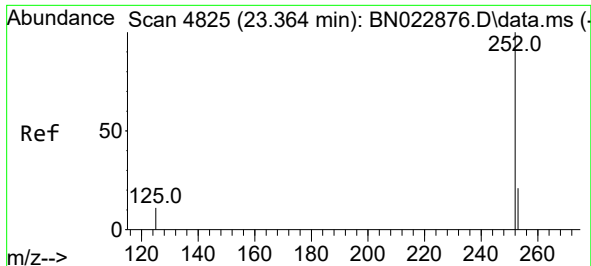
Tgt Ion:228 Resp: 22623  
Ion Ratio Lower Upper  
228 100  
229 19.8 15.5 23.3  
226 28.1 22.2 33.4



#22  
Chrysene  
Concen: 0.411 ng/ul  
RT: 21.673 min Scan# 4246  
Delta R.T. -0.001 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

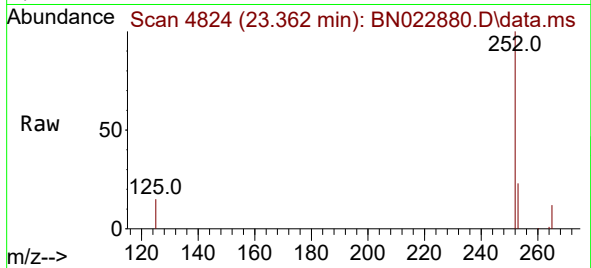
Tgt Ion:228 Resp: 25730  
Ion Ratio Lower Upper  
228 100  
226 31.0 24.6 37.0  
229 19.2 15.8 23.8



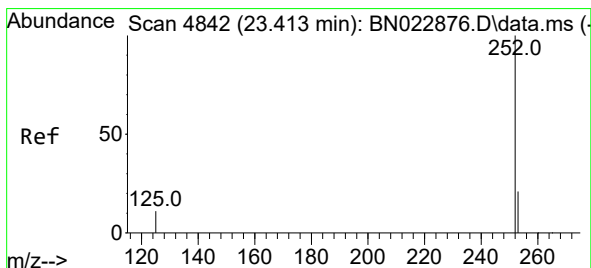
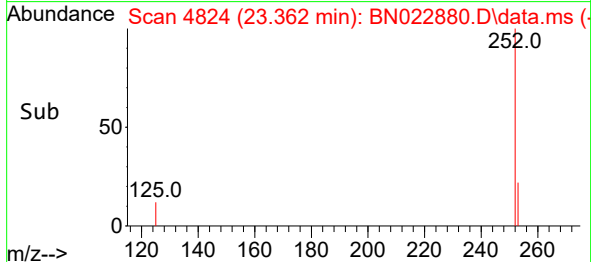
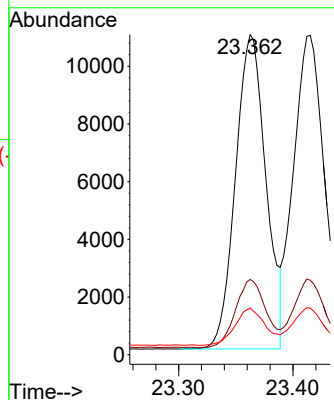


#24  
Benzo(b)fluoranthene  
Concen: 0.421 ng/ul  
RT: 23.362 min Scan# 4824  
Delta R.T. -0.001 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

Instrument :  
BNA\_N  
ClientSampleId :  
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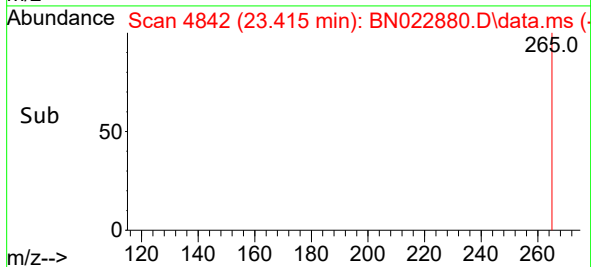
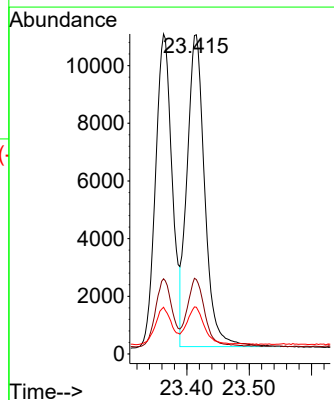
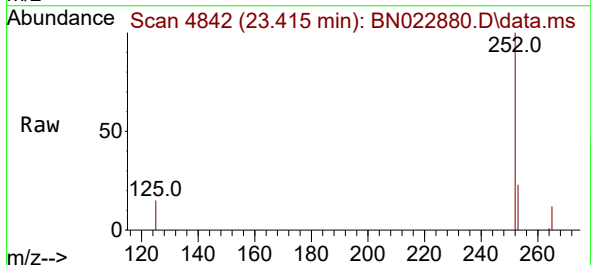


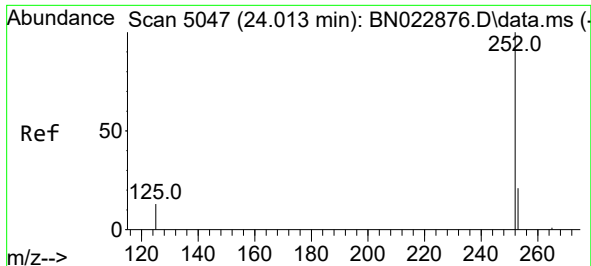
Tgt Ion:252 Resp: 20179  
Ion Ratio Lower Upper  
252 100  
253 23.5 0.0 46.0  
125 14.6 0.0 28.6



#25  
Benzo(k)fluoranthene  
Concen: 0.419 ng/ul  
RT: 23.415 min Scan# 4842  
Delta R.T. 0.002 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

Tgt Ion:252 Resp: 21215  
Ion Ratio Lower Upper  
252 100  
253 23.3 18.7 28.1  
125 14.6 11.3 16.9

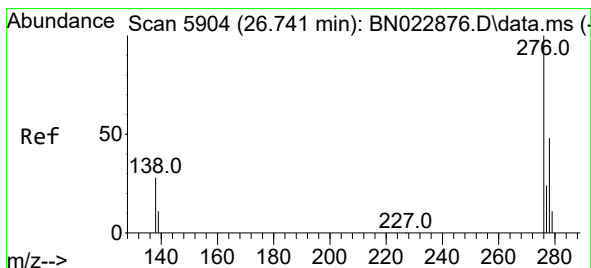
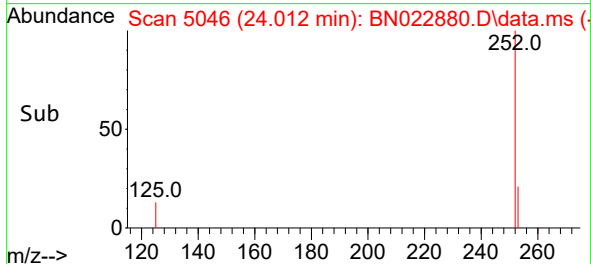
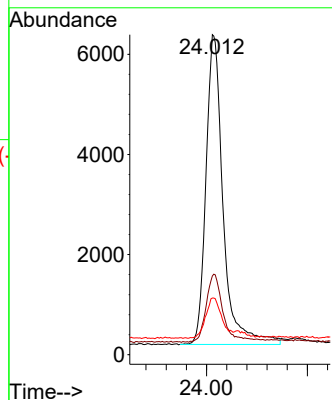
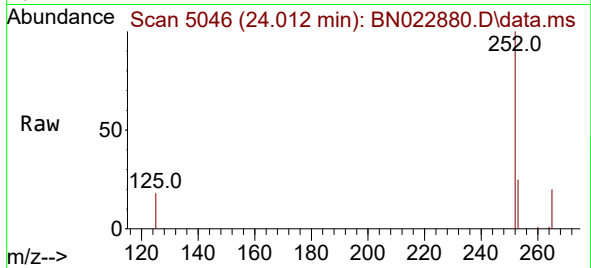




#26  
Benzo(a)pyrene  
Concen: 0.400 ng/ul  
RT: 24.012 min Scan# 5047  
Delta R.T. -0.001 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

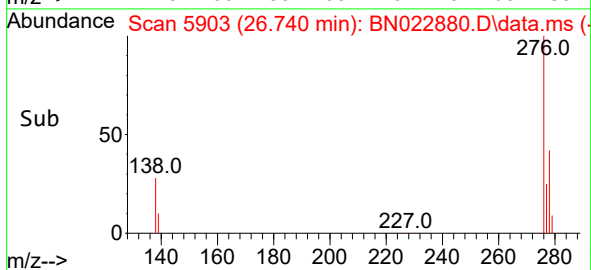
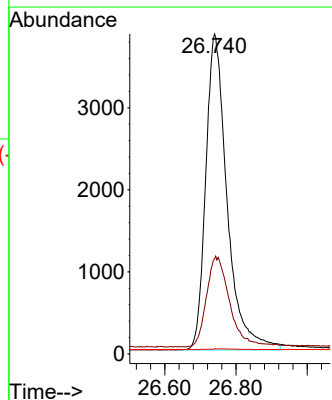
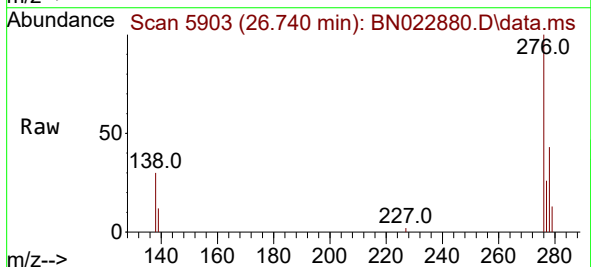
Instrument :  
BNA\_N  
ClientSampleId :  
SICV215

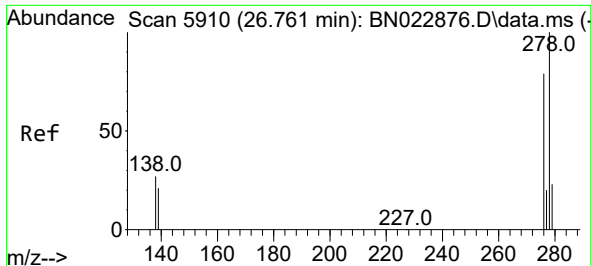
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 14613     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 24.6  | 19.7 29.5 |
| 125         | 17.7  | 13.7 20.5 |



#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.370 ng/ul  
RT: 26.740 min Scan# 5903  
Delta R.T. -0.002 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:276 | Resp: | 16061    |
| Ion Ratio   | Lower | Upper    |
| 276         | 100   |          |
| 138         | 30.9  | 0.0 0.0# |
| 227         | 0.2   | 0.0 0.0# |

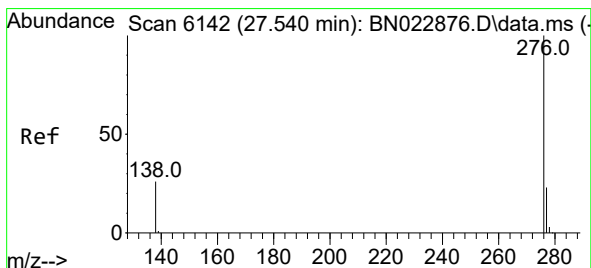
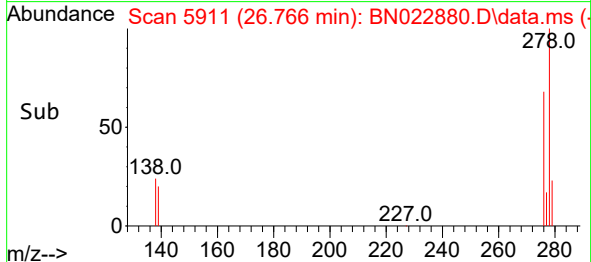
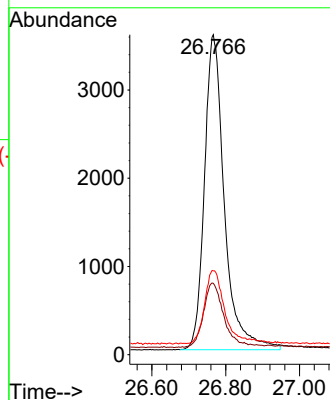
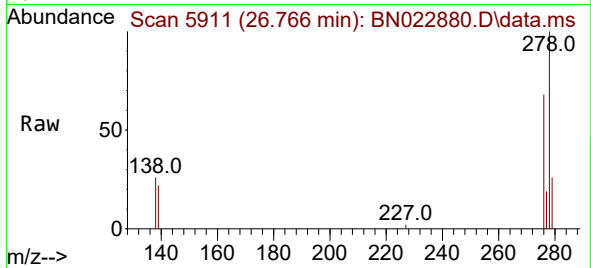




#28  
Dibenzo(a,h)anthracene  
Concen: 0.388 ng/ul  
RT: 26.766 min Scan# 5910  
Delta R.T. 0.005 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

Instrument :  
BNA\_N  
ClientSampleId :  
SICV215

Tgt Ion:278 Resp: 13391  
Ion Ratio Lower Upper  
278 100  
139 22.3 18.3 27.5  
279 26.2 20.4 30.6



#29  
Benzo(g,h,i)perylene  
Concen: 0.400 ng/ul  
RT: 27.541 min Scan# 6142  
Delta R.T. 0.002 min  
Lab File: BN022880.D  
Acq: 26 Nov 2022 13:36

Tgt Ion:276 Resp: 15157  
Ion Ratio Lower Upper  
276 100  
138 27.6 22.1 33.1  
277 24.5 19.4 29.2

