

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052022\  
 Data File : BN019877.D  
 Acq On : 20 May 2022 20:04  
 Operator : CG/JU  
 Sample : N2843-05  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EW4H5

Quant Time: May 21 01:54:03 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN042922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 17 01:41:05 2022  
 Response via : Initial Calibration

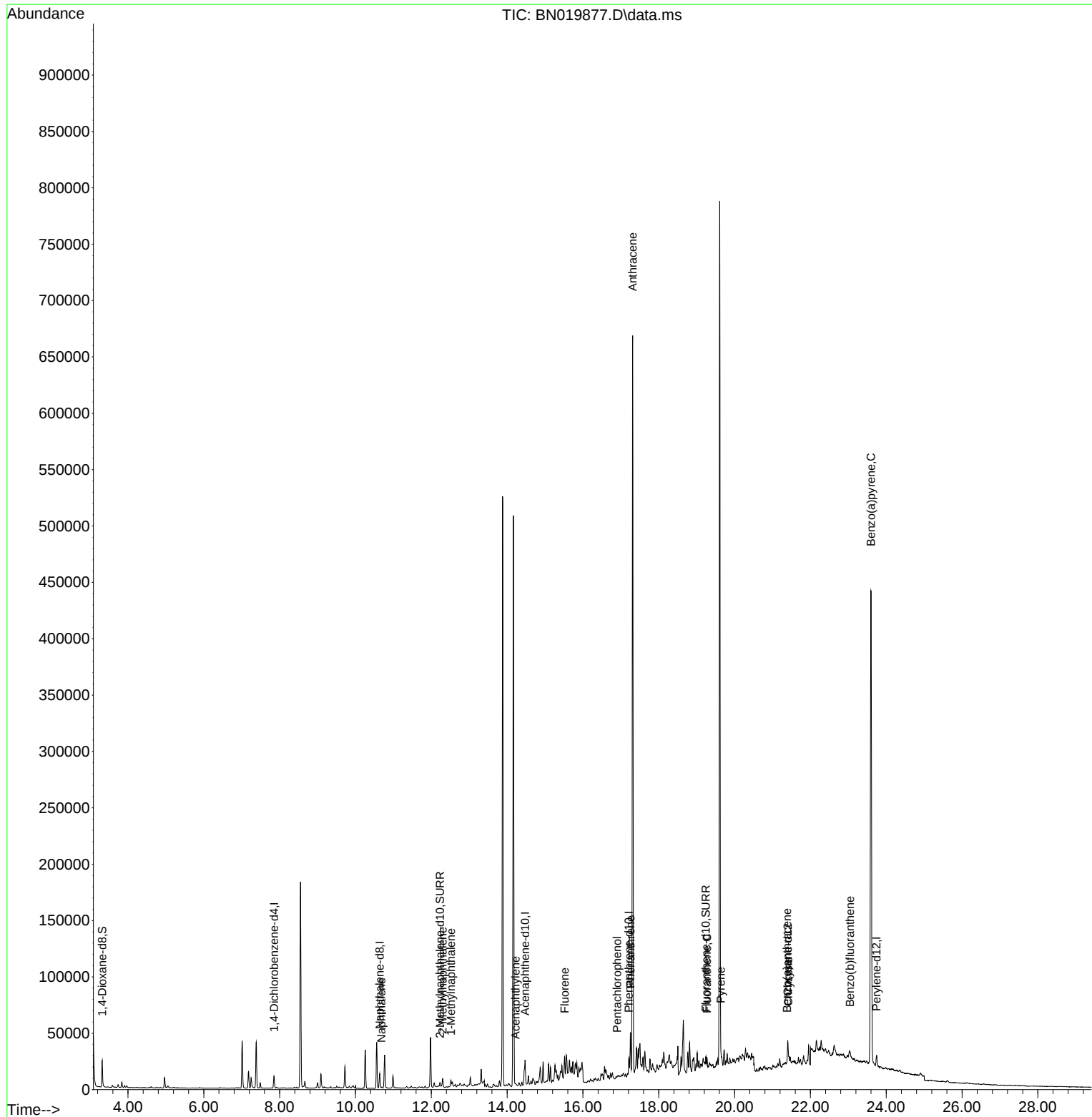
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.851  | 152  | 4743     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.638 | 136  | 15938    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.473 | 164  | 10553    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.212 | 188  | 19427    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.403 | 240  | 16241    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.744 | 264  | 13946    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.319  | 96   | 15385    | 2.741 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.227 | 152  | 4990     | 0.207 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.242 | 212  | 11172    | 0.217 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.687 | 128  | 1463     | 0.028 | ng/ul# | 78       |
| 7) 2-Methylnaphthalene      | 12.299 | 142  | 4922     | 0.157 | ng/ul# | 100      |
| 8) 1-Methylnaphthalene      | 12.519 | 142  | 4344     | 0.149 | ng/ul# | 100      |
| 10) Acenaphthylene          | 14.223 | 152  | 1188     | 0.023 | ng/ul# | 1        |
| 12) Fluorene                | 15.518 | 166  | 6600     | 0.143 | ng/ul# | 58       |
| 14) Pentachlorophenol       | 16.903 | 266  | 130      | 0.031 | ng/ul# | 39       |
| 15) Phenanthrene            | 17.254 | 178  | 41441    | 0.580 | ng/ul# | 83       |
| 16) Anthracene              | 17.313 | 178  | 2286     | 0.039 | ng/ul# | 1        |
| 19) Fluoranthene            | 19.275 | 202  | 8119     | 0.109 | ng/ul# | 66       |
| 20) Pyrene                  | 19.637 | 202  | 13800    | 0.186 | ng/ul# | 67       |
| 21) Benzo(a)anthracene      | 21.386 | 228  | 2406     | 0.040 | ng/ul# | 1        |
| 22) Chrysene                | 21.418 | 228  | 11775    | 0.165 | ng/ul# | 14       |
| 24) Benzo(b)fluoranthene    | 23.043 | 252  | 3992     | 0.056 | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.598 | 252  | 1443     | 0.024 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

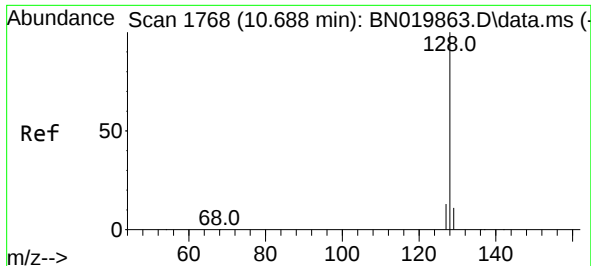
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052022\  
Data File : BN019877.D  
Acq On : 20 May 2022 20:04  
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Sample : N2843-05  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
EW4H5

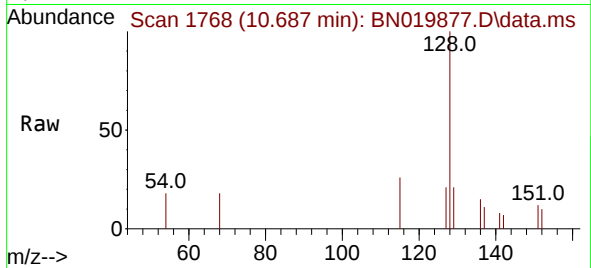
Quant Time: May 21 01:54:03 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN042922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 17 01:41:05 2022  
Response via : Initial Calibration



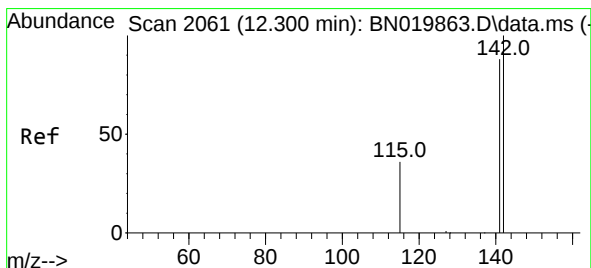
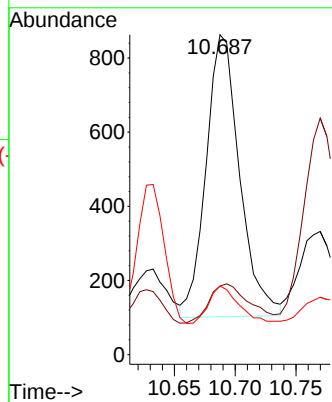
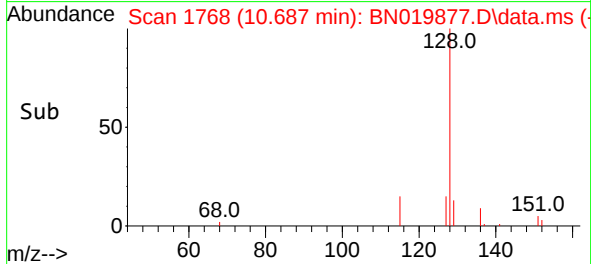


#5  
Naphthalene  
Concen: 0.028 ng/ul  
RT: 10.687 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: BN019877.D  
Acq: 20 May 2022 20:04

Instrument :  
BNA\_N  
ClientSampleId :  
EW4H5

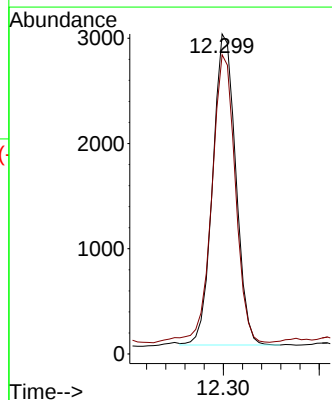
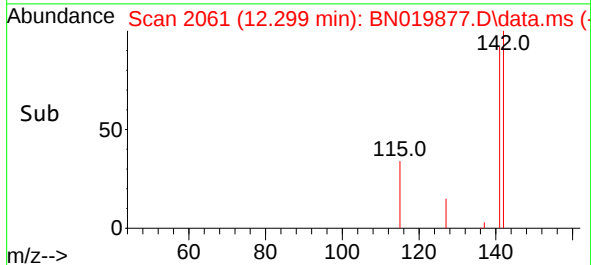
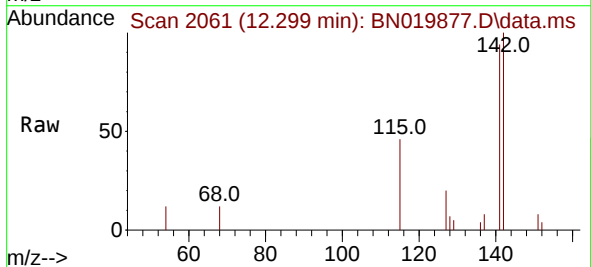


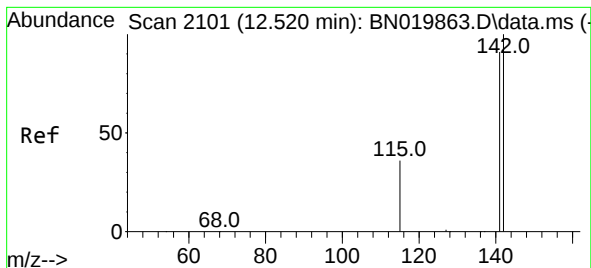
Tgt Ion:128 Resp: 1463  
Ion Ratio Lower Upper  
128 100  
129 21.4 9.5 14.3#  
127 21.4 11.0 16.4#



#7  
2-Methylnaphthalene  
Concen: 0.157 ng/ul  
RT: 12.299 min Scan# 2061  
Delta R.T. -0.007 min  
Lab File: BN019877.D  
Acq: 20 May 2022 20:04

Tgt Ion:142 Resp: 4922  
Ion Ratio Lower Upper  
142 100  
141 94.9 0.0 0.0#





#8

1-Methylnaphthalene

Concen: 0.149 ng/ul

RT: 12.519 min Scan# 2101

Delta R.T. -0.007 min

Lab File: BN019877.D

Acq: 20 May 2022 20:04

Instrument :

BNA\_N

ClientSampleId :

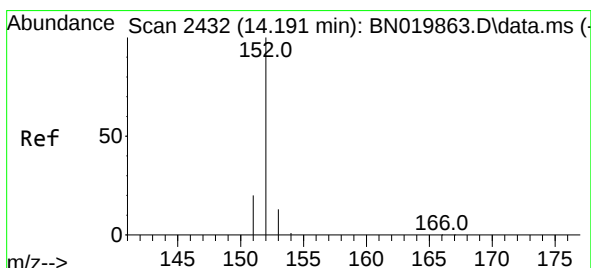
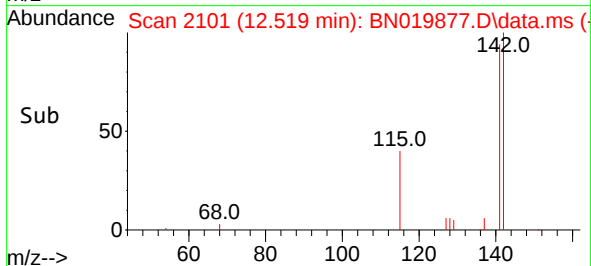
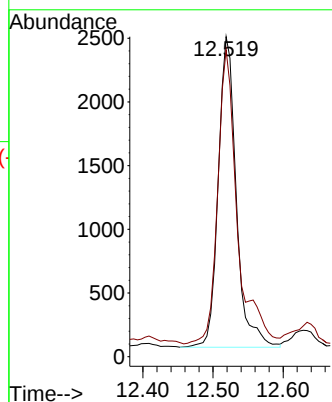
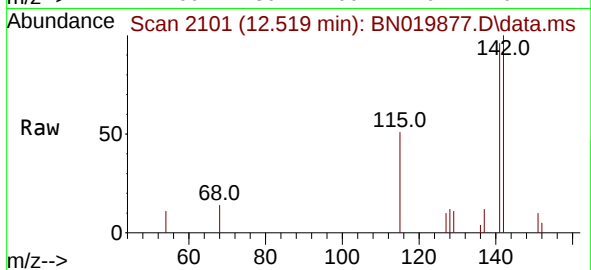
EW4H5

Tgt Ion:142 Resp: 4344

Ion Ratio Lower Upper

142 100

141 102.7 0.0 0.0#



#10

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.223 min Scan# 2439

Delta R.T. 0.026 min

Lab File: BN019877.D

Acq: 20 May 2022 20:04

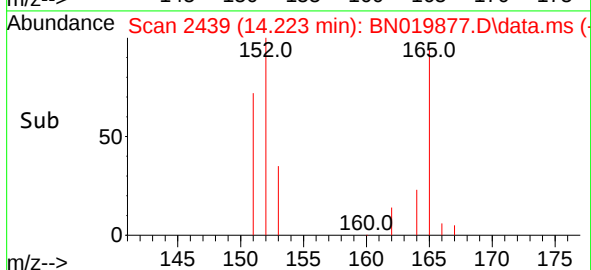
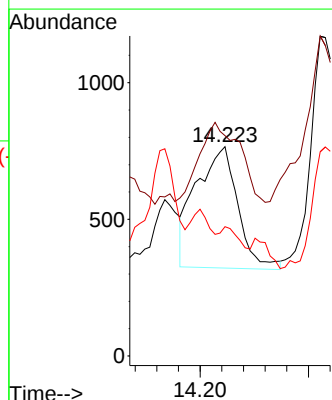
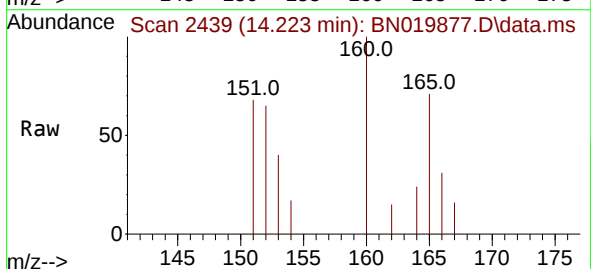
Tgt Ion:152 Resp: 1188

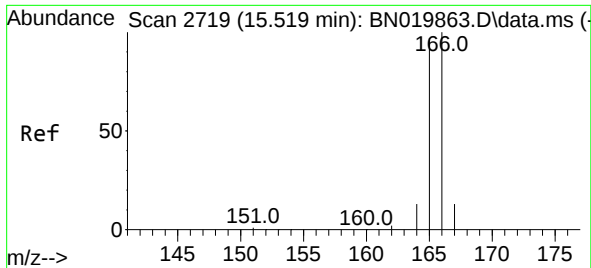
Ion Ratio Lower Upper

152 100

151 105.2 16.3 24.5#

153 61.7 11.1 16.7#

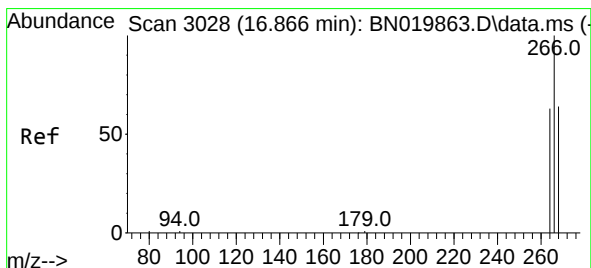
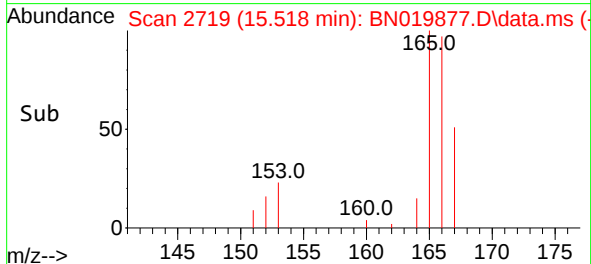
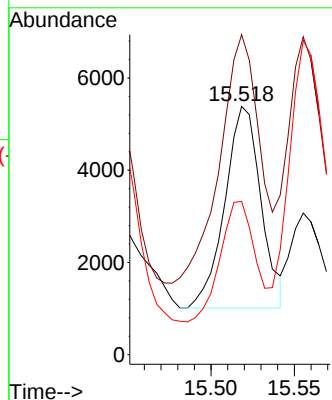
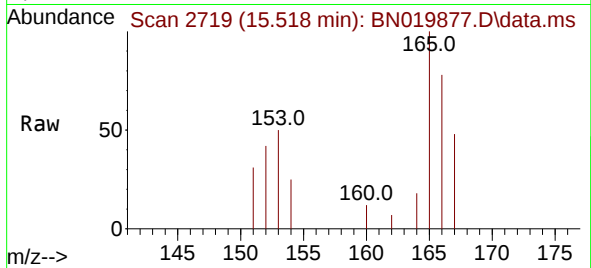




#12  
Fluorene  
Concen: 0.143 ng/ul  
RT: 15.518 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BN019877.D  
Acq: 20 May 2022 20:04

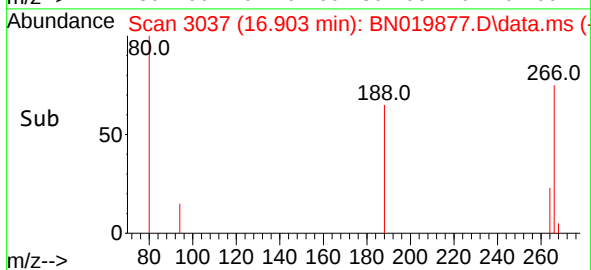
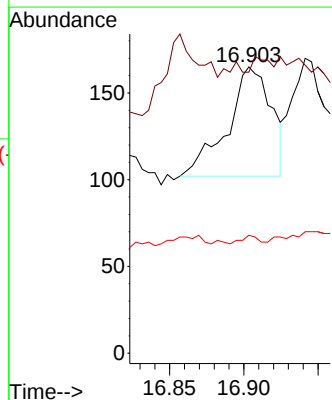
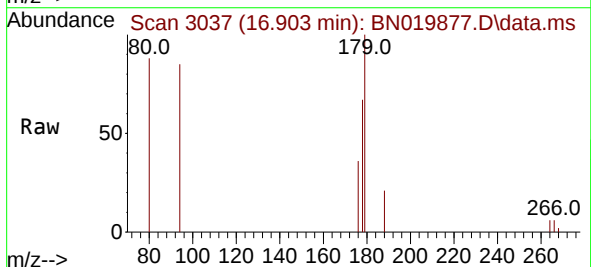
Instrument :  
BNA\_N  
ClientSampleId :  
EW4H5

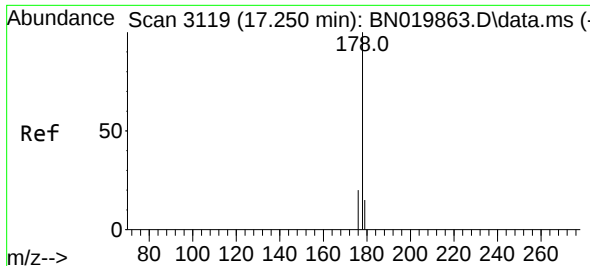
Tgt Ion:166 Resp: 6600  
Ion Ratio Lower Upper  
166 100  
165 128.8 78.2 117.2#  
167 61.7 11.3 16.9#



#14  
Pentachlorophenol  
Concen: 0.031 ng/ul  
RT: 16.903 min Scan# 3037  
Delta R.T. 0.037 min  
Lab File: BN019877.D  
Acq: 20 May 2022 20:04

Tgt Ion:266 Resp: 130  
Ion Ratio Lower Upper  
266 100  
264 19.2 44.9 67.3#  
268 3.1 44.6 67.0#

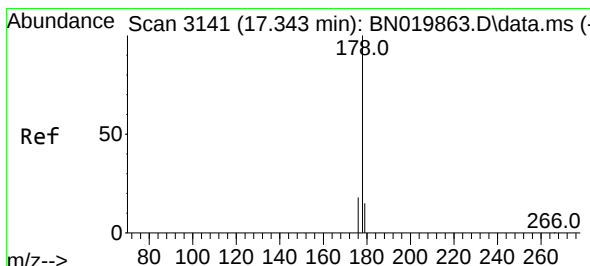
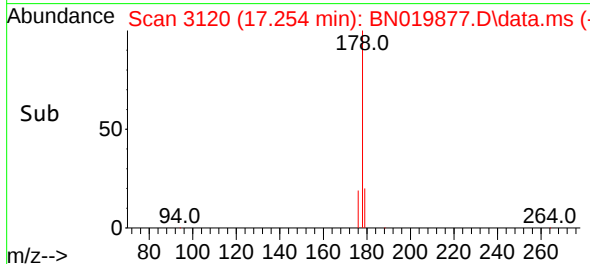
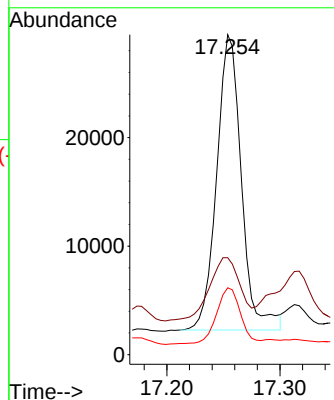
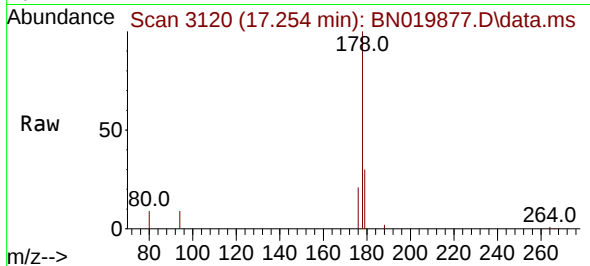




#15  
Phenanthrene  
Concen: 0.580 ng/ul  
RT: 17.254 min Scan# 3119  
Delta R.T. -0.001 min  
Lab File: BN019877.D  
Acq: 20 May 2022 20:04

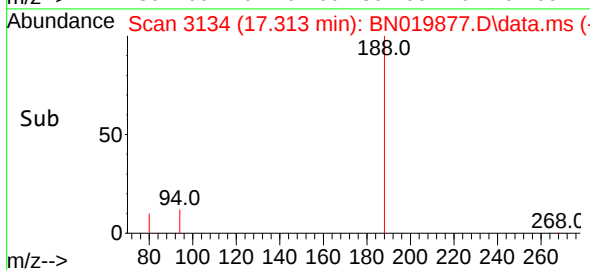
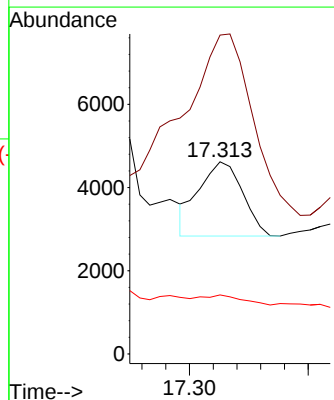
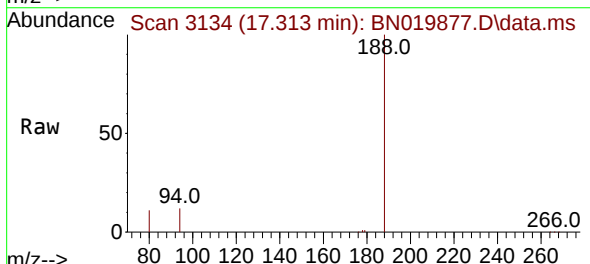
Instrument :  
BNA\_N  
ClientSampleId :  
EW4H5

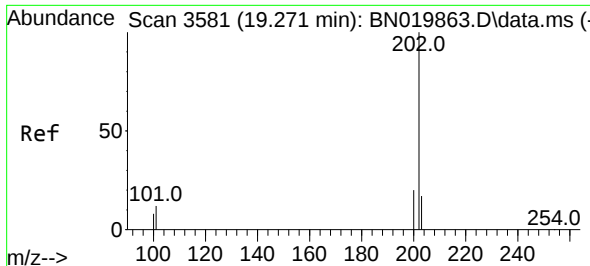
Tgt Ion:178 Resp: 41441  
Ion Ratio Lower Upper  
178 100  
179 30.3 12.9 19.3#  
176 20.9 15.5 23.3



#16  
Anthracene  
Concen: 0.039 ng/ul  
RT: 17.313 min Scan# 3134  
Delta R.T. -0.035 min  
Lab File: BN019877.D  
Acq: 20 May 2022 20:04

Tgt Ion:178 Resp: 2286  
Ion Ratio Lower Upper  
178 100  
179 166.0 13.1 19.7#  
176 30.7 15.3 22.9#

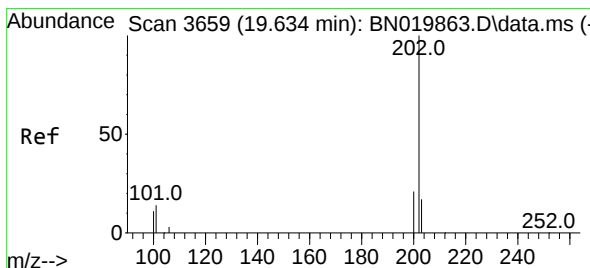
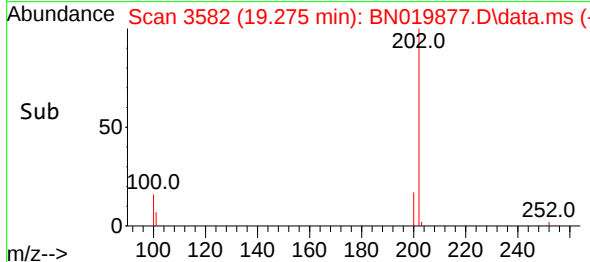
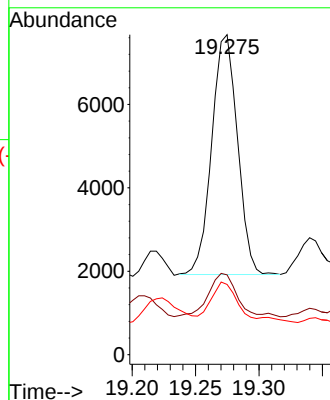
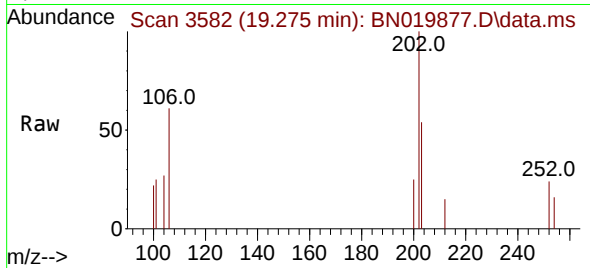




#19  
Fluoranthene  
Concen: 0.109 ng/ul  
RT: 19.275 min Scan# 3581  
Delta R.T. 0.003 min  
Lab File: BN019877.D  
Acq: 20 May 2022 20:04

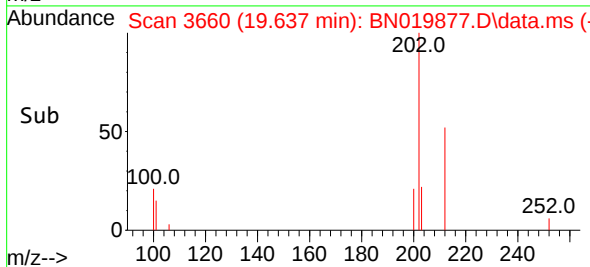
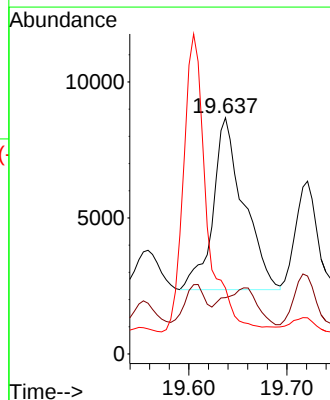
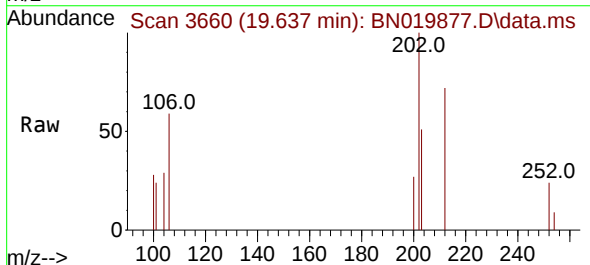
Instrument :  
BNA\_N  
ClientSampleId :  
EW4H5

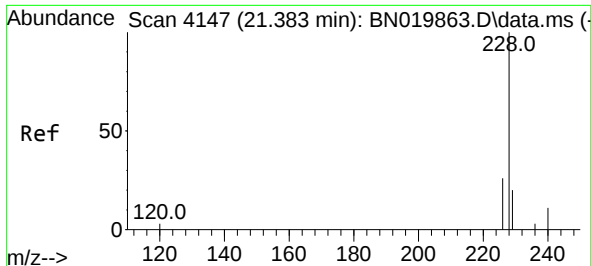
Tgt Ion:202 Resp: 8119  
Ion Ratio Lower Upper  
202 100  
101 24.9 9.7 14.5#  
100 21.9 7.4 11.2#



#20  
Pyrene  
Concen: 0.186 ng/ul  
RT: 19.637 min Scan# 3660  
Delta R.T. 0.003 min  
Lab File: BN019877.D  
Acq: 20 May 2022 20:04

Tgt Ion:202 Resp: 13800  
Ion Ratio Lower Upper  
202 100  
101 23.9 11.4 17.0#  
100 27.9 9.0 13.4#

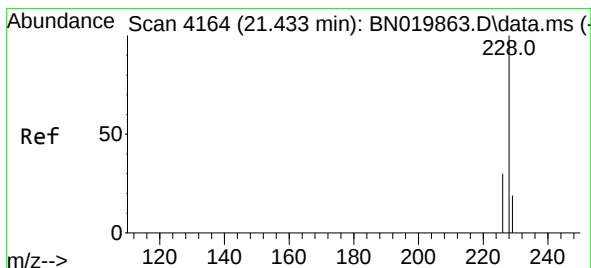
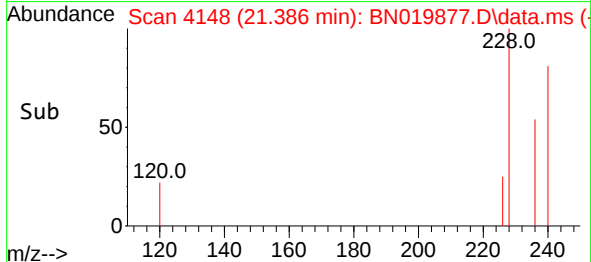
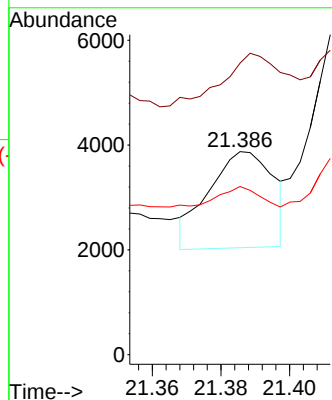
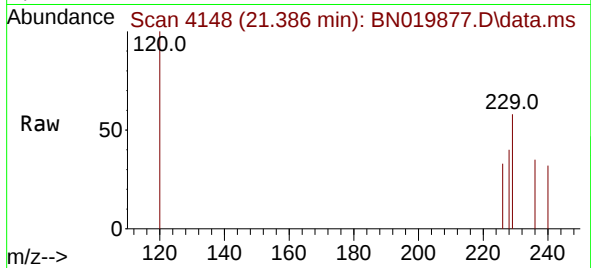




#21  
Benzo(a)anthracene  
Concen: 0.040 ng/ul  
RT: 21.386 min Scan# 4147  
Delta R.T. -0.002 min  
Lab File: BN019877.D  
Acq: 20 May 2022 20:04

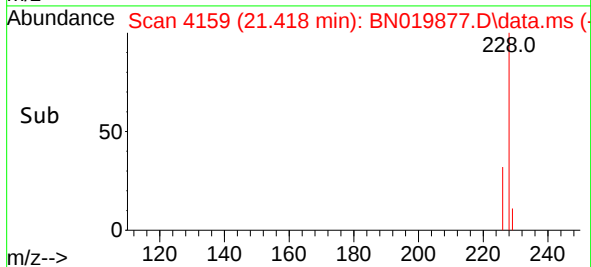
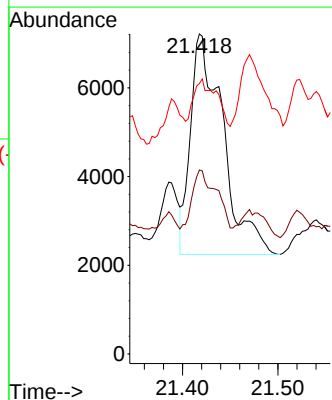
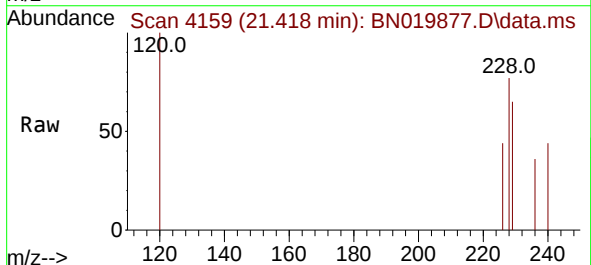
Instrument :  
BNA\_N  
ClientSampleId :  
EW4H5

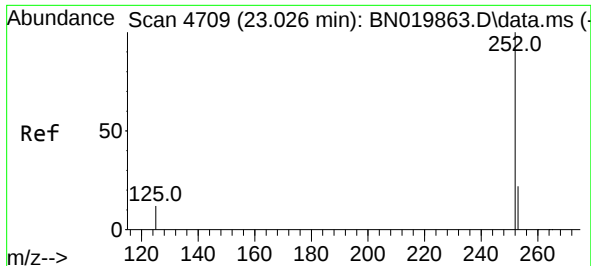
Tgt Ion:228 Resp: 2406  
Ion Ratio Lower Upper  
228 100  
229 143.5 16.1 24.1#  
226 82.8 22.1 33.1#



#22  
Chrysene  
Concen: 0.165 ng/ul  
RT: 21.418 min Scan# 4159  
Delta R.T. -0.023 min  
Lab File: BN019877.D  
Acq: 20 May 2022 20:04

Tgt Ion:228 Resp: 11775  
Ion Ratio Lower Upper  
228 100  
226 57.5 24.2 36.2#  
229 84.5 16.0 24.0#

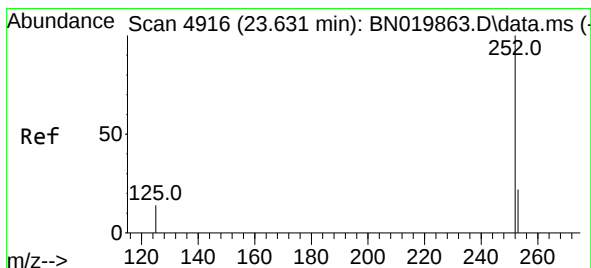
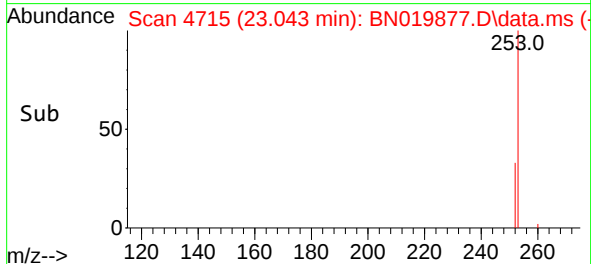
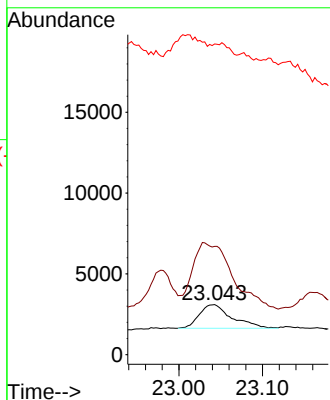
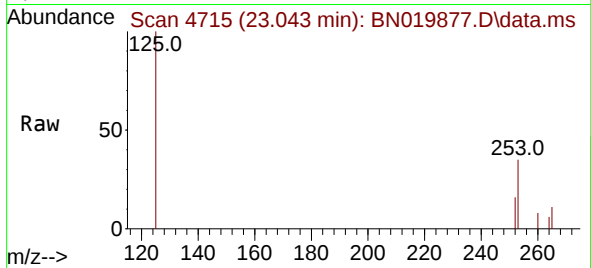




#24  
Benzo(b)fluoranthene  
Concen: 0.056 ng/ul  
RT: 23.043 min Scan# 41  
Delta R.T. 0.009 min  
Lab File: BN019877.D  
Acq: 20 May 2022 20:04

Instrument :  
BNA\_N  
ClientSampleId :  
EW4H5

Tgt Ion:252 Resp: 3992  
Ion Ratio Lower Upper  
252 100  
253 216.4 0.0 52.0#  
125 620.6 0.0 40.2#



#26  
Benzo(a)pyrene  
Concen: 0.024 ng/ul  
RT: 23.598 min Scan# 4905  
Delta R.T. -0.040 min  
Lab File: BN019877.D  
Acq: 20 May 2022 20:04

Tgt Ion:252 Resp: 1443  
Ion Ratio Lower Upper  
252 100  
253 103.8 23.4 35.0#  
125 514.9 28.3 42.5#

