

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070124\  
 Data File : BN032371.D  
 Acq On : 01 Jul 2024 20:44  
 Operator : MA/JU  
 Sample : P2934-10DL 5X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4CP6DL

Quant Time: Jul 01 23:45:46 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN062724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 27 13:23:38 2024  
 Response via : Initial Calibration

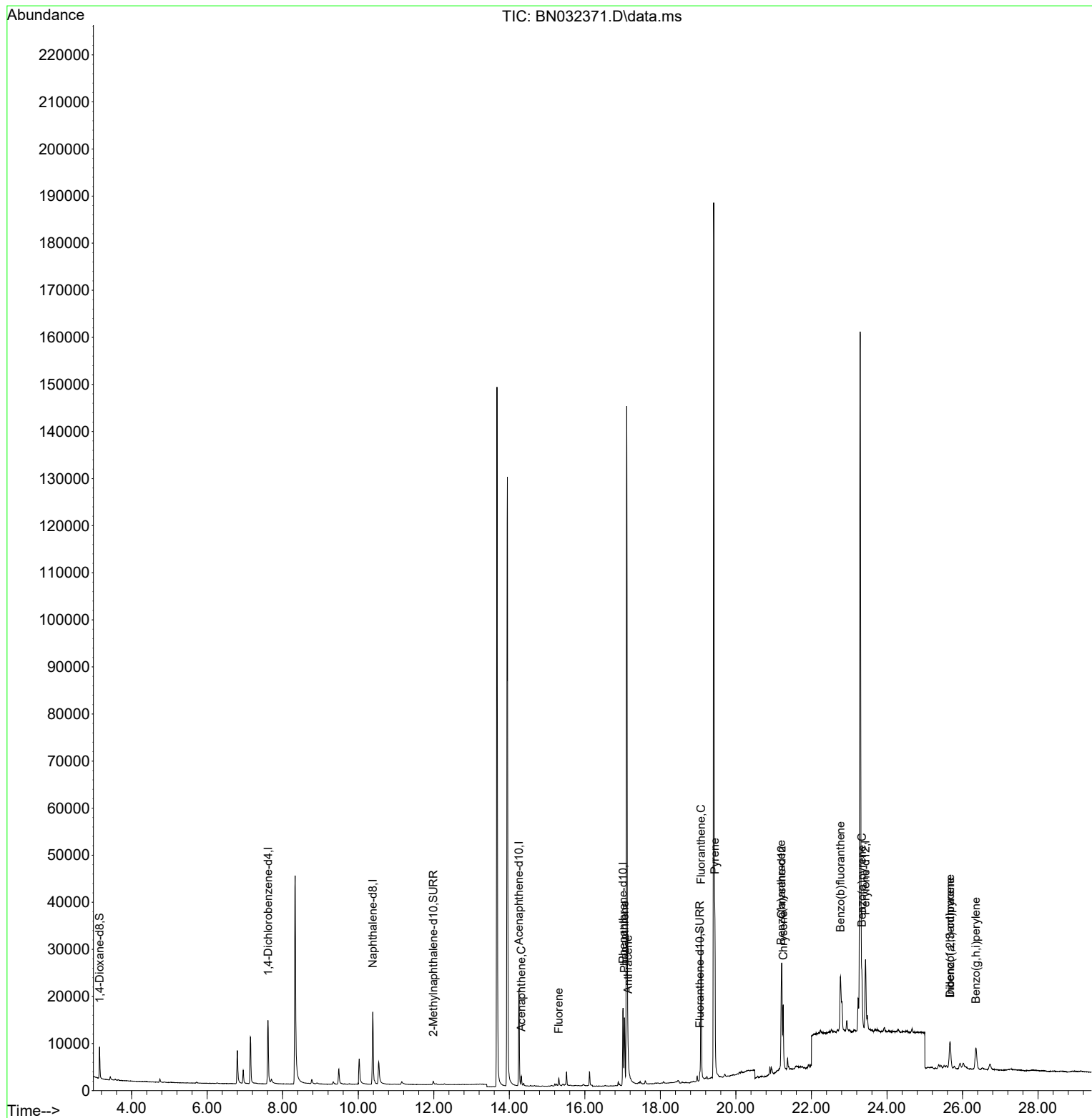
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.612  | 152  | 7901     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.387 | 136  | 23565    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.258 | 164  | 12234    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.012 | 188  | 20836    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.215 | 240  | 17275    | 0.400 | ng/ul  | #-0.01   |
| 23) Perylene-d12            | 23.433 | 264  | 21355    | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.152  | 96   | 4844     | 0.552 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.988 | 152  | 1285     | 0.036 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.045 | 212  | 2253     | 0.043 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 11) Acenaphthene            | 14.318 | 153  | 1184     | 0.030 | ng/ul  | 96       |
| 12) Fluorene                | 15.313 | 166  | 1198     | 0.025 | ng/ul# | 91       |
| 15) Phenanthrene            | 17.050 | 178  | 16171    | 0.283 | ng/ul  | 98       |
| 16) Anthracene              | 17.143 | 178  | 3938     | 0.077 | ng/ul# | 87       |
| 19) Fluoranthene            | 19.078 | 202  | 30330    | 0.461 | ng/ul  | 98       |
| 20) Pyrene                  | 19.445 | 202  | 27584    | 0.401 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.200 | 228  | 16049    | 0.257 | ng/ul# | 87       |
| 22) Chrysene                | 21.252 | 228  | 13542    | 0.198 | ng/ul# | 86       |
| 24) Benzo(b)fluoranthene    | 22.769 | 252  | 26781    | 0.289 | ng/ul# | 65       |
| 26) Benzo(a)pyrene          | 23.336 | 252  | 14020    | 0.217 | ng/ul# | 66       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.670 | 276  | 9763     | 0.097 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 25.673 | 278  | 2501     | 0.033 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 26.354 | 276  | 9981     | 0.124 | ng/ul# | 71       |
| -----                       |        |      |          |       |        |          |

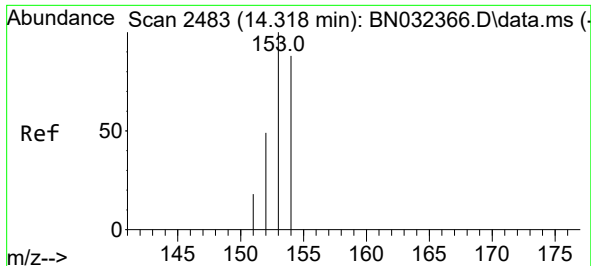
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070124\  
Data File : BN032371.D  
Acq On : 01 Jul 2024 20:44  
Operator : MA/JU  
Sample : P2934-10DL 5X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4CP6DL

Quant Time: Jul 01 23:45:46 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN062724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 27 13:23:38 2024  
Response via : Initial Calibration

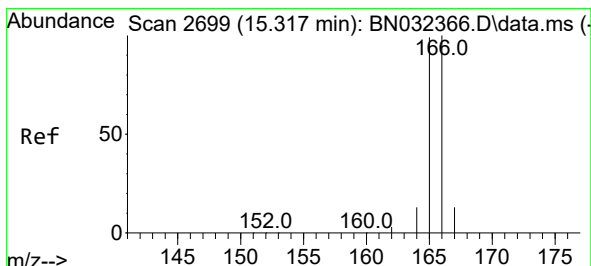
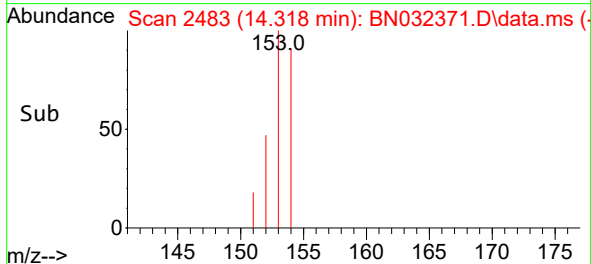
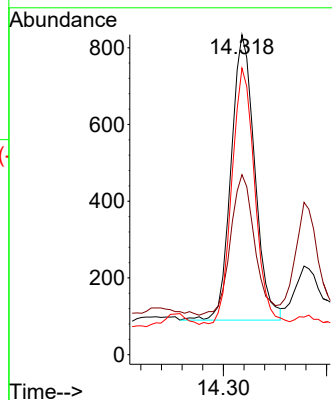
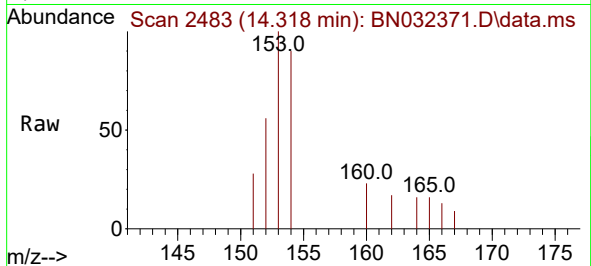




#11  
Acenaphthene  
Concen: 0.030 ng/ul  
RT: 14.318 min Scan# 2483  
Delta R.T. -0.014 min  
Lab File: BN032371.D  
Acq: 01 Jul 2024 20:44

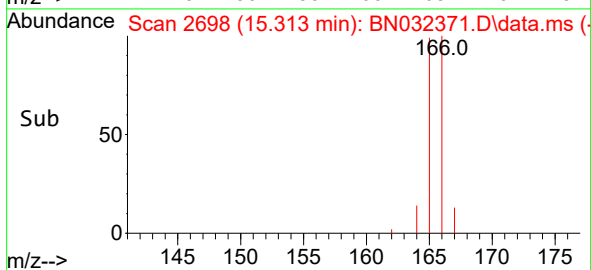
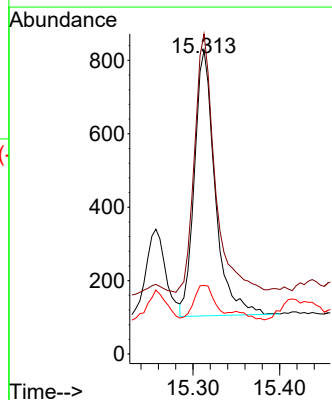
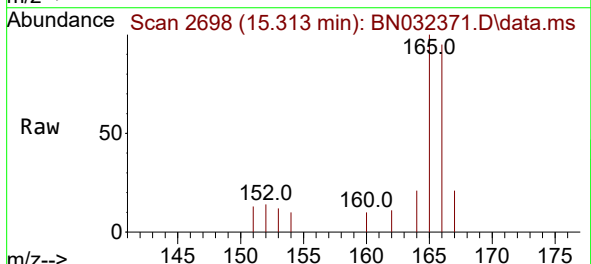
Instrument :  
BNA\_N  
ClientSampleId :  
A4CP6DL

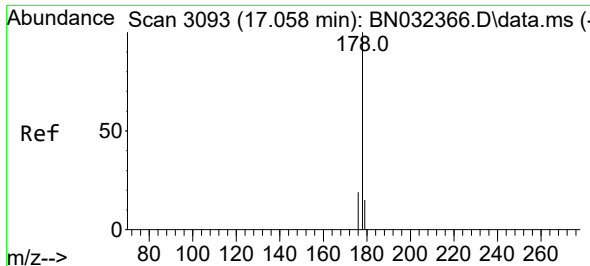
Tgt Ion:153 Resp: 1184  
Ion Ratio Lower Upper  
153 100  
152 56.2 39.5 59.3  
154 89.6 71.7 107.5



#12  
Fluorene  
Concen: 0.025 ng/ul  
RT: 15.313 min Scan# 2698  
Delta R.T. -0.014 min  
Lab File: BN032371.D  
Acq: 01 Jul 2024 20:44

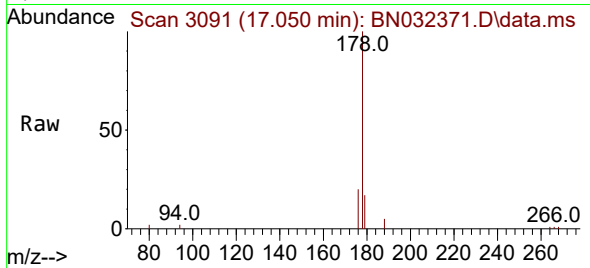
Tgt Ion:166 Resp: 1198  
Ion Ratio Lower Upper  
166 100  
165 105.4 79.0 118.6  
167 22.6 11.0 16.6#



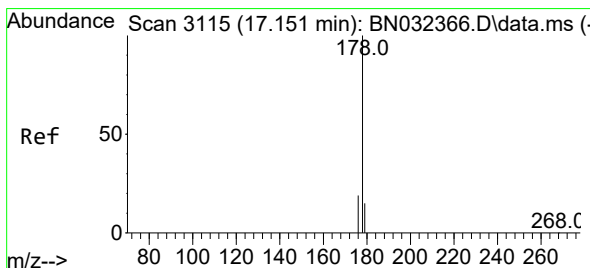
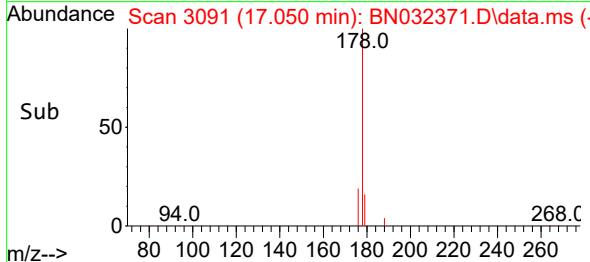
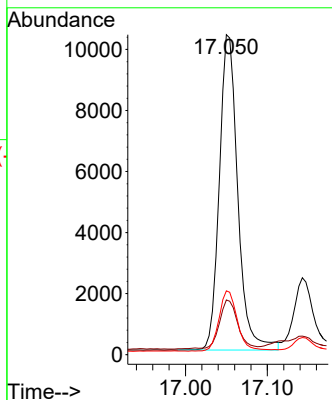


#15  
Phenanthrene  
Concen: 0.283 ng/ul  
RT: 17.050 min Scan# 3093  
Delta R.T. -0.017 min  
Lab File: BN032371.D  
Acq: 01 Jul 2024 20:44

Instrument :  
BNA\_N  
ClientSampleId :  
A4CP6DL

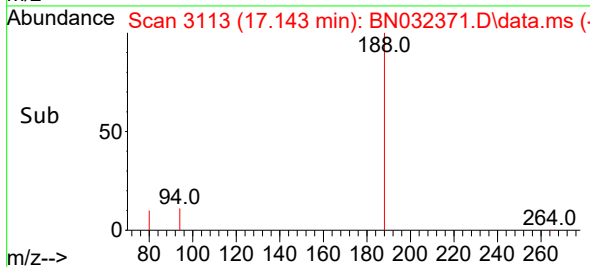
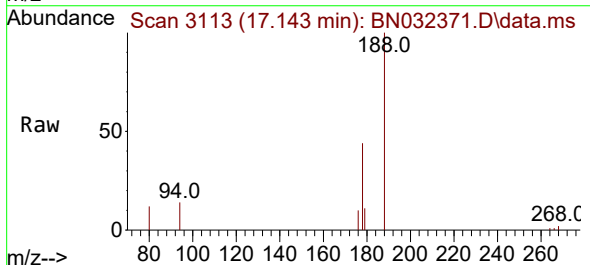
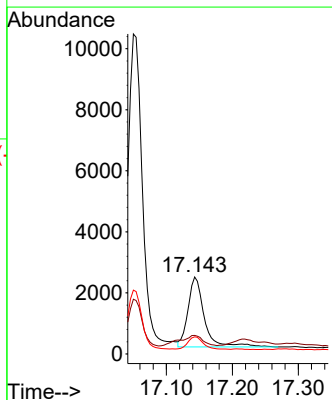


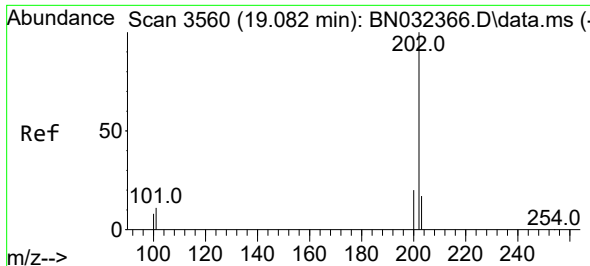
Tgt Ion:178 Resp: 16171  
Ion Ratio Lower Upper  
178 100  
179 17.1 12.6 18.8  
176 19.9 15.6 23.4



#16  
Anthracene  
Concen: 0.077 ng/ul  
RT: 17.143 min Scan# 3113  
Delta R.T. -0.017 min  
Lab File: BN032371.D  
Acq: 01 Jul 2024 20:44

Tgt Ion:178 Resp: 3938  
Ion Ratio Lower Upper  
178 100  
179 24.1 12.5 18.7#  
176 22.3 15.0 22.6

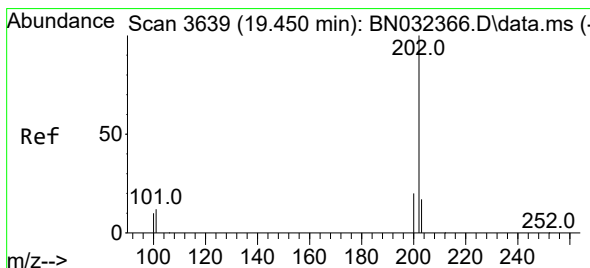
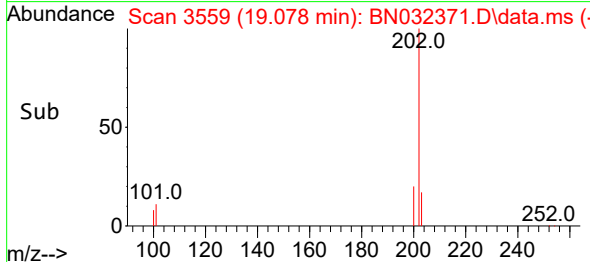
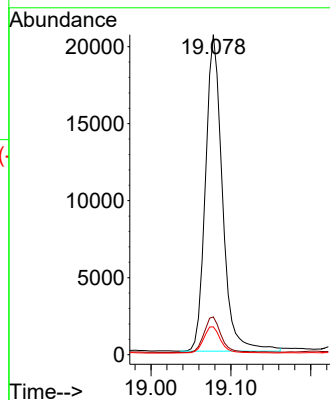
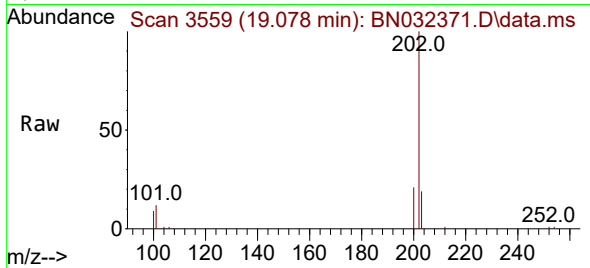




#19  
Fluoranthene  
Concen: 0.461 ng/ul  
RT: 19.078 min Scan# 3559  
Delta R.T. -0.014 min  
Lab File: BN032371.D  
Acq: 01 Jul 2024 20:44

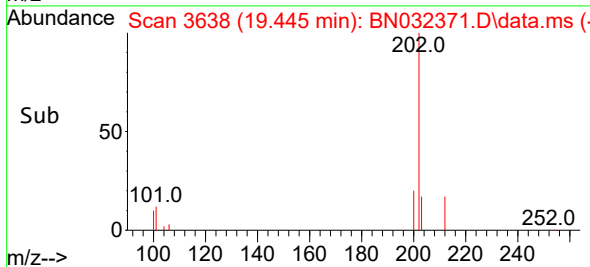
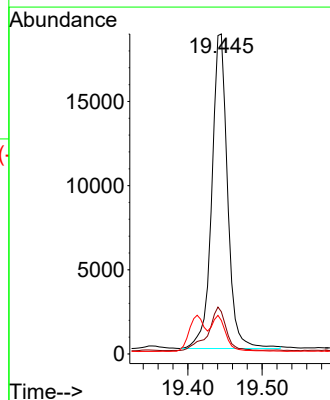
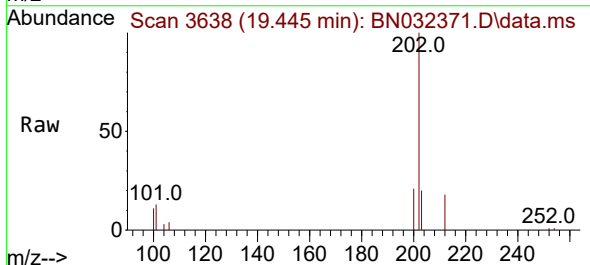
Instrument :  
BNA\_N  
ClientSampleId :  
A4CP6DL

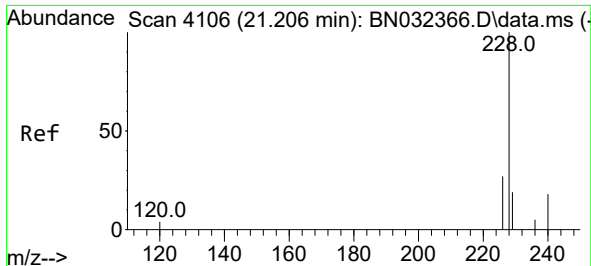
Tgt Ion:202 Resp: 30330  
Ion Ratio Lower Upper  
202 100  
101 11.8 8.8 13.2  
100 8.7 6.4 9.6



#20  
Pyrene  
Concen: 0.401 ng/ul  
RT: 19.445 min Scan# 3638  
Delta R.T. -0.009 min  
Lab File: BN032371.D  
Acq: 01 Jul 2024 20:44

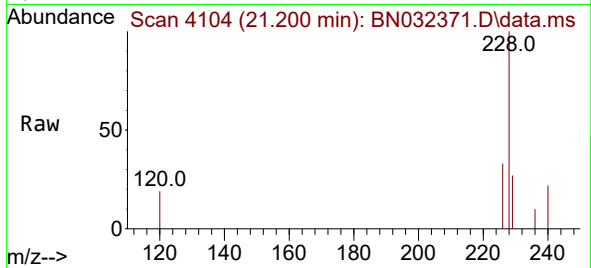
Tgt Ion:202 Resp: 27584  
Ion Ratio Lower Upper  
202 100  
101 13.2 11.0 16.4  
100 10.5 8.7 13.1



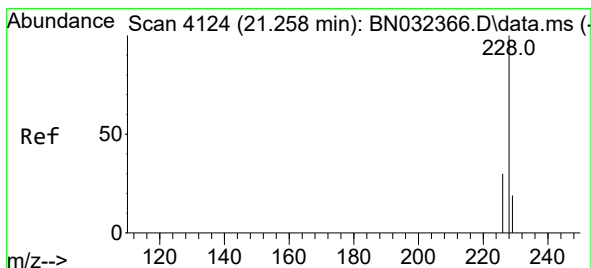
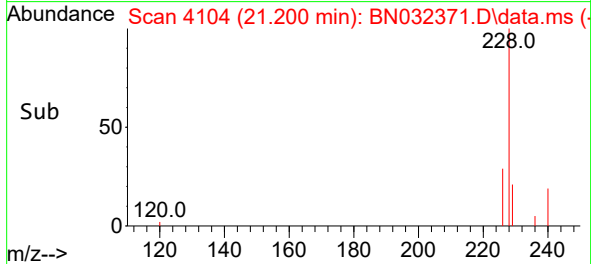
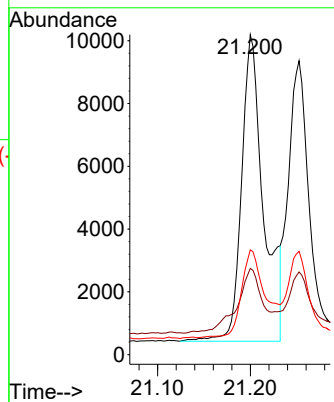


#21  
Benzo(a)anthracene  
Concen: 0.257 ng/ul  
RT: 21.200 min Scan# 4106  
Delta R.T. -0.015 min  
Lab File: BN032371.D  
Acq: 01 Jul 2024 20:44

Instrument :  
BNA\_N  
ClientSampleId :  
A4CP6DL

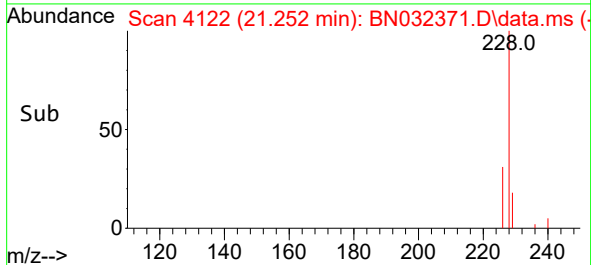
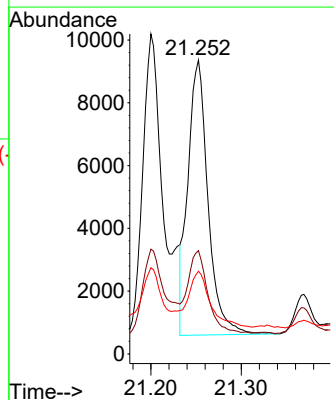
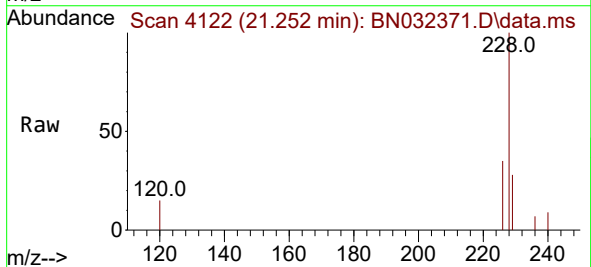


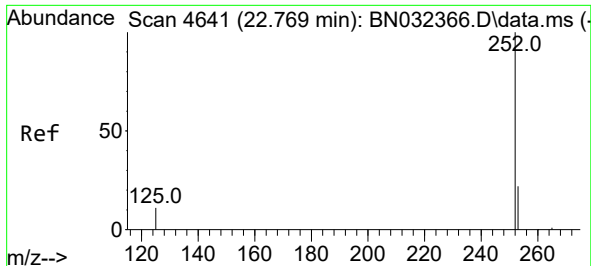
Tgt Ion:228 Resp: 16049  
Ion Ratio Lower Upper  
228 100  
229 27.0 15.7 23.5#  
226 32.7 21.8 32.8



#22  
Chrysene  
Concen: 0.198 ng/ul  
RT: 21.252 min Scan# 4122  
Delta R.T. -0.015 min  
Lab File: BN032371.D  
Acq: 01 Jul 2024 20:44

Tgt Ion:228 Resp: 13542  
Ion Ratio Lower Upper  
228 100  
226 35.2 23.6 35.4  
229 28.2 15.7 23.5#

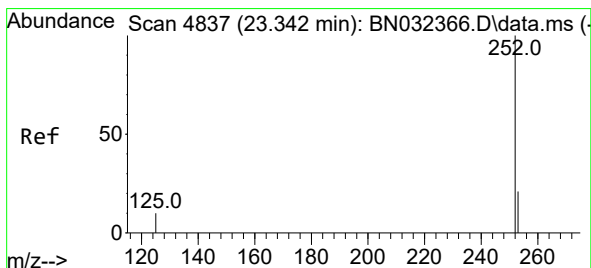
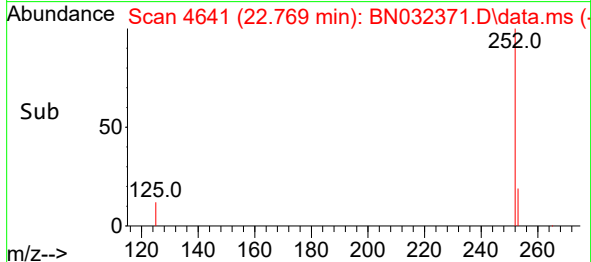
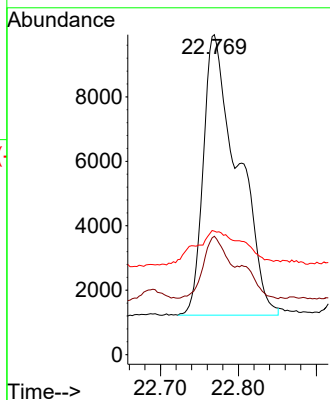
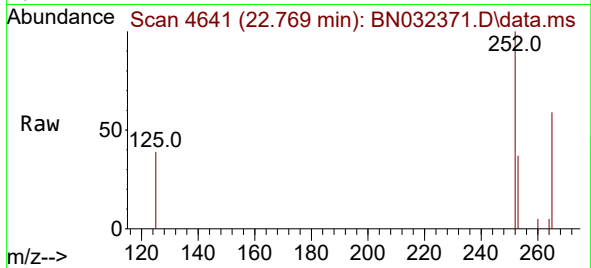




#24  
Benzo(b)fluoranthene  
Concen: 0.289 ng/ul  
RT: 22.769 min Scan# 4641  
Delta R.T. -0.015 min  
Lab File: BN032371.D  
Acq: 01 Jul 2024 20:44

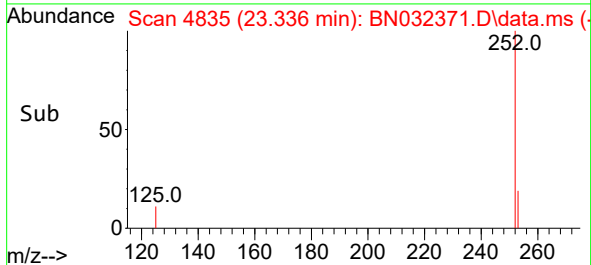
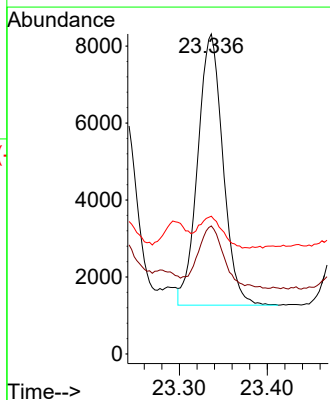
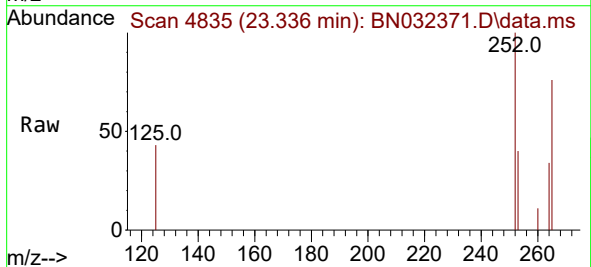
Instrument :  
BNA\_N  
ClientSampleId :  
A4CP6DL

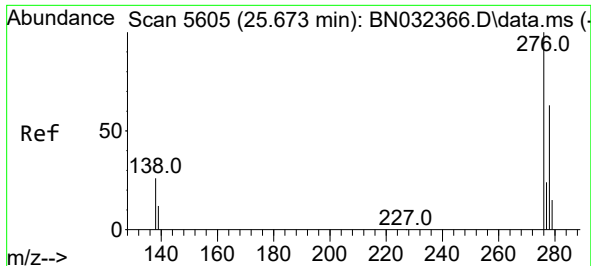
Tgt Ion:252 Resp: 26781  
Ion Ratio Lower Upper  
252 100  
253 37.0 0.0 50.2  
125 38.6 0.0 32.0#



#26  
Benzo(a)pyrene  
Concen: 0.217 ng/ul  
RT: 23.336 min Scan# 4835  
Delta R.T. -0.023 min  
Lab File: BN032371.D  
Acq: 01 Jul 2024 20:44

Tgt Ion:252 Resp: 14020  
Ion Ratio Lower Upper  
252 100  
253 40.0 22.2 33.2#  
125 43.0 16.4 24.6#

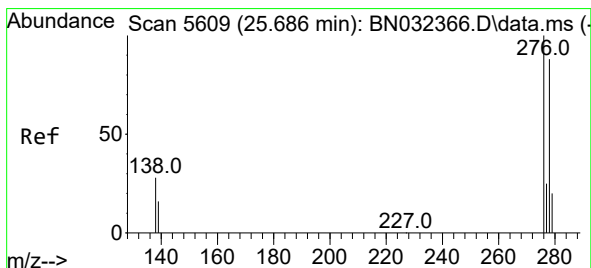
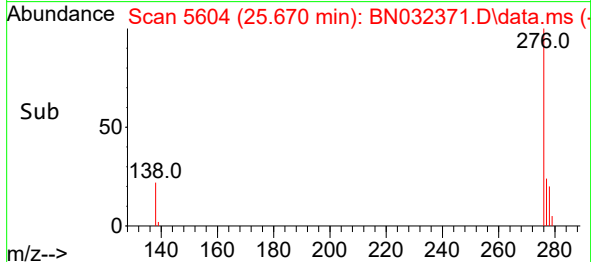
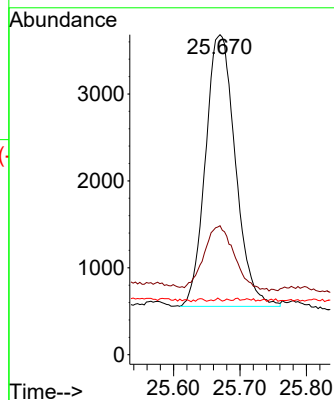
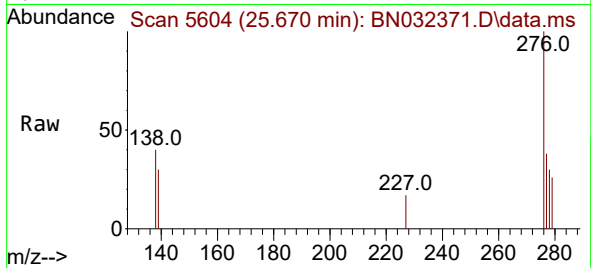




#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.097 ng/ul  
RT: 25.670 min Scan# 5604  
Delta R.T. -0.030 min  
Lab File: BN032371.D  
Acq: 01 Jul 2024 20:44

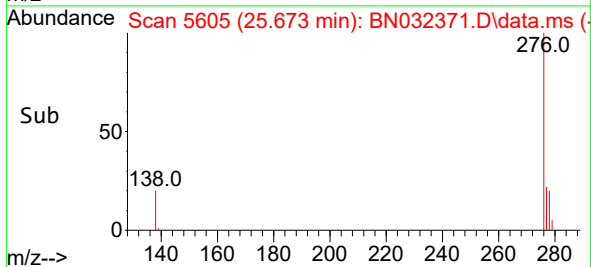
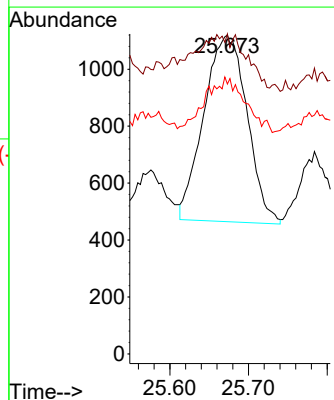
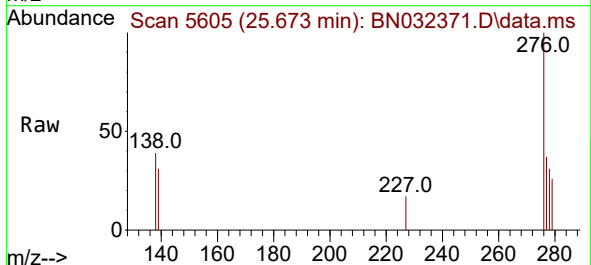
Instrument :  
BNA\_N  
ClientSampleId :  
A4CP6DL

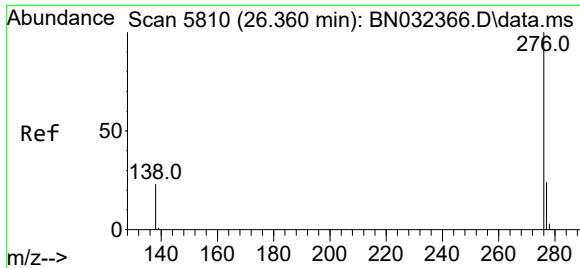
Tgt Ion:276 Resp: 9763  
Ion Ratio Lower Upper  
276 100  
138 24.7 21.3 31.9  
227 0.3 0.1 0.1#



#28  
Dibenzo(a,h)anthracene  
Concen: 0.033 ng/ul  
RT: 25.673 min Scan# 5605  
Delta R.T. -0.037 min  
Lab File: BN032371.D  
Acq: 01 Jul 2024 20:44

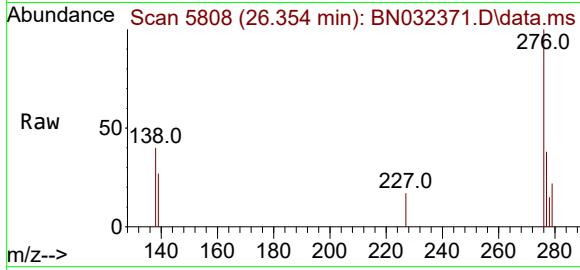
Tgt Ion:278 Resp: 2501  
Ion Ratio Lower Upper  
278 100  
139 100.4 15.9 23.9#  
279 84.6 21.1 31.7#





#29  
Benzo(g,h,i)perylene  
Concen: 0.124 ng/ul  
RT: 26.354 min Scan# 51  
Delta R.T. -0.027 min  
Lab File: BN032371.D  
Acq: 01 Jul 2024 20:44

Instrument :  
BNA\_N  
ClientSampleId :  
A4CP6DL



Tgt Ion:276 Resp: 9981  
Ion Ratio Lower Upper  
276 100  
138 40.0 19.8 29.6#  
277 38.0 19.8 29.6#

