

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN12222\  
 Data File : BN023351.D  
 Acq On : 22 Dec 2022 22:26  
 Operator : CG/JU  
 Sample : N6003-14  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Dec 22 23:55:29 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 22 02:28:40 2022  
 Response via : Initial Calibration

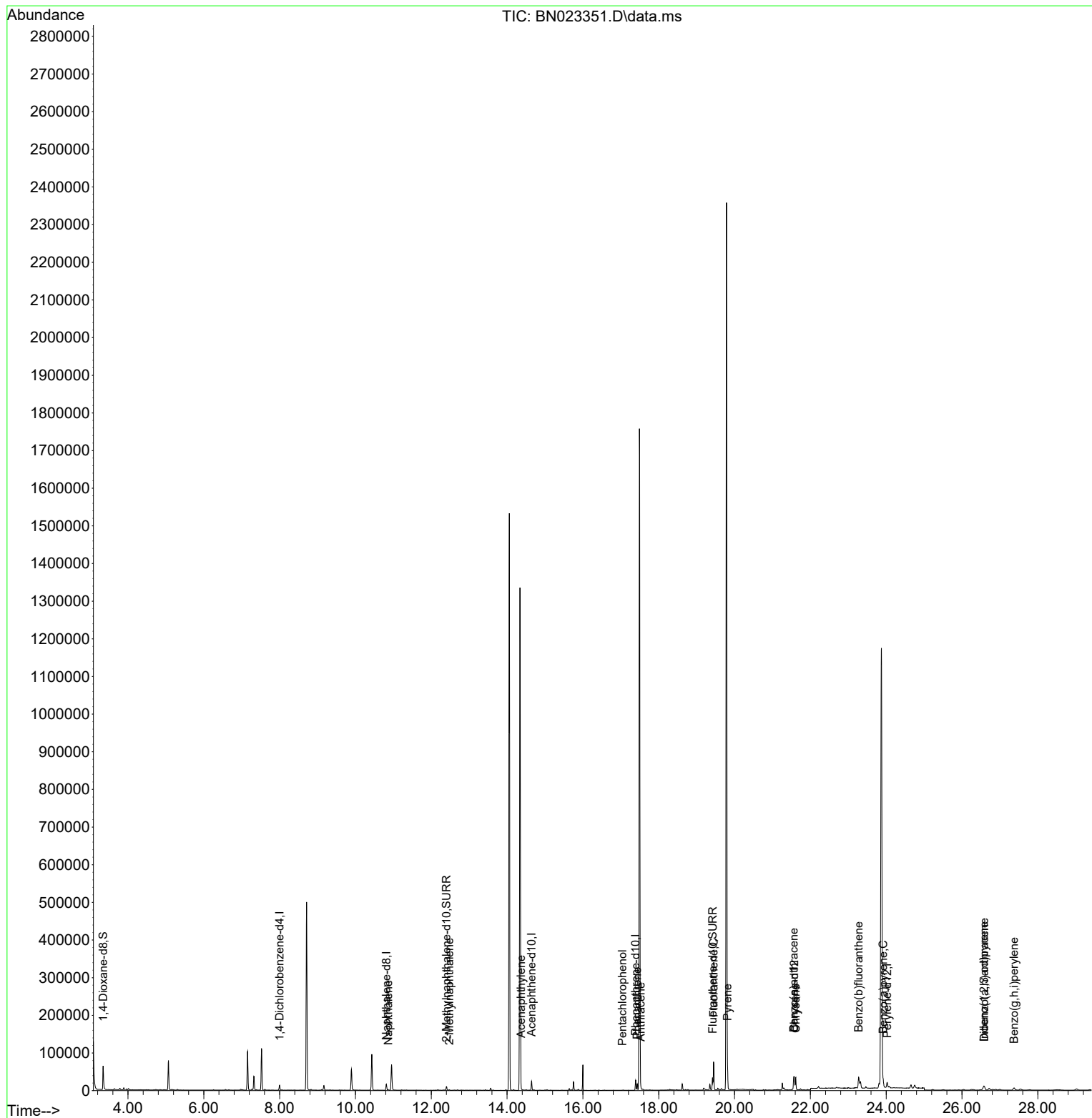
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.998  | 152  | 6393     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.815 | 136  | 21097    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.645 | 164  | 12795    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.390 | 188  | 30165    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.577 | 240  | 24790    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.023 | 264  | 20475    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.344  | 96   | 41946    | 6.039 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.399 | 152  | 12471    | 0.382 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.420 | 212  | 32613    | 0.364 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.865 | 128  | 1768     | 0.029 | ng/ul# | 86       |
| 7) 2-Methylnaphthalene      | 12.476 | 142  | 971      | 0.024 | ng/ul  | 97       |
| 10) Acenaphthylene          | 14.368 | 152  | 1935     | 0.034 | ng/ul# | 82       |
| 14) Pentachlorophenol       | 17.040 | 266  | 186      | 0.022 | ng/ul  | 94       |
| 15) Phenanthrene            | 17.432 | 178  | 17098    | 0.174 | ng/ul  | 98       |
| 16) Anthracene              | 17.525 | 178  | 3344     | 0.041 | ng/ul# | 89       |
| 19) Fluoranthene            | 19.448 | 202  | 60100    | 0.500 | ng/ul  | 97       |
| 20) Pyrene                  | 19.815 | 202  | 48121    | 0.397 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.559 | 228  | 26503    | 0.275 | ng/ul  | 97       |
| 22) Chrysene                | 21.615 | 228  | 32859    | 0.335 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 23.275 | 252  | 59831    | 0.565 | ng/ul# | 80       |
| 26) Benzo(a)pyrene          | 23.918 | 252  | 23307    | 0.278 | ng/ul# | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.579 | 276  | 17919    | 0.183 | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 26.589 | 278  | 4987     | 0.066 | ng/ul# | 56       |
| 29) Benzo(g,h,i)perylene    | 27.373 | 276  | 12592    | 0.158 | ng/ul# | 91       |
| -----                       |        |      |          |       |        |          |

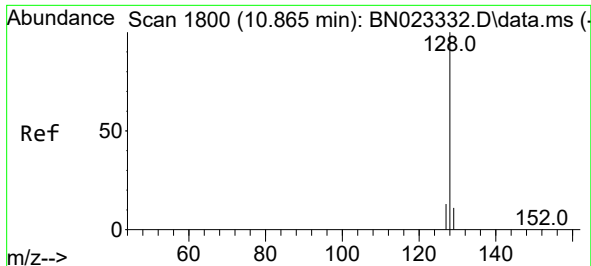
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
Data File : BN023351.D  
Acq On : 22 Dec 2022 22:26  
Operator : CG/JU  
Sample : N6003-14  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

Quant Time: Dec 22 23:55:29 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 22 02:28:40 2022  
Response via : Initial Calibration

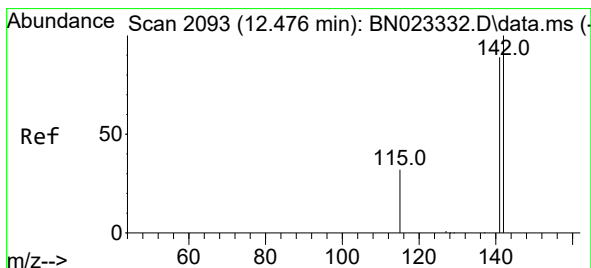
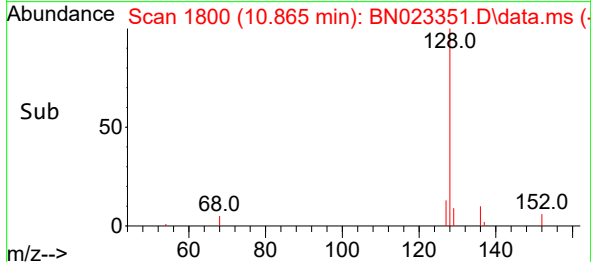
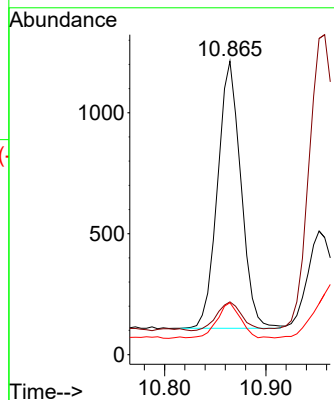
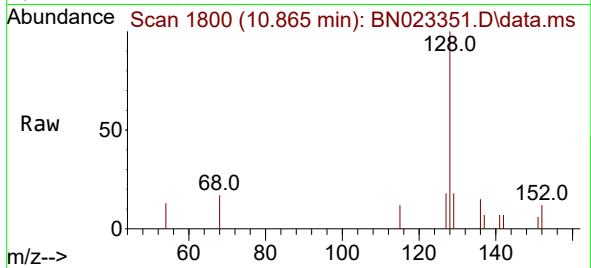




#5  
Naphthalene  
Concen: 0.029 ng/ul  
RT: 10.865 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: BN023351.D  
Acq: 22 Dec 2022 22:26

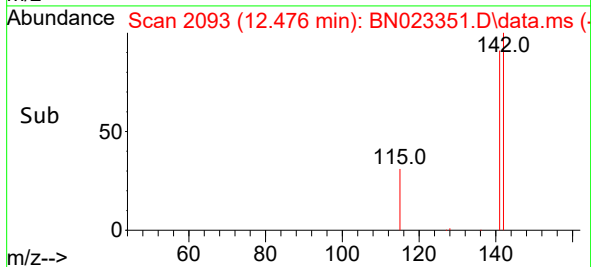
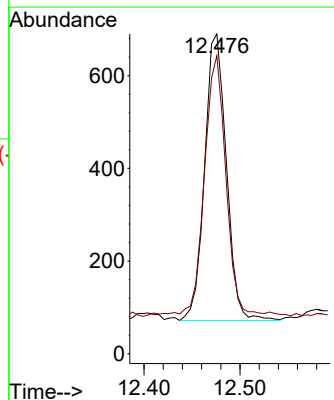
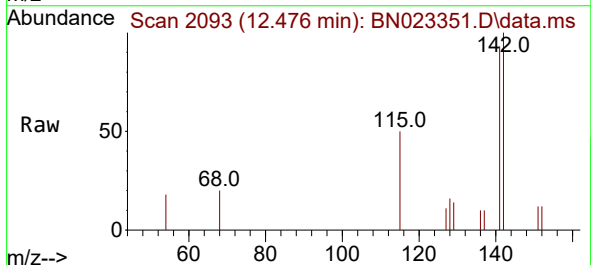
Instrument :  
BNA\_N  
ClientSampleId :

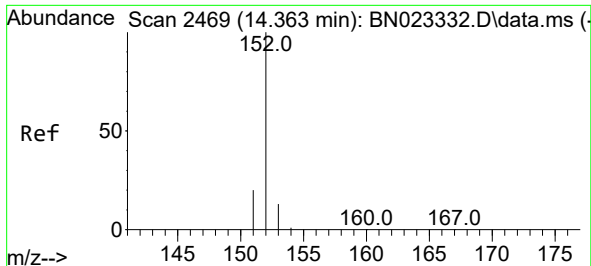
Tgt Ion:128 Resp: 1768  
Ion Ratio Lower Upper  
128 100  
129 18.0 9.0 13.4#  
127 17.7 10.7 16.1#



#7  
2-Methylnaphthalene  
Concen: 0.024 ng/ul  
RT: 12.476 min Scan# 2093  
Delta R.T. -0.000 min  
Lab File: BN023351.D  
Acq: 22 Dec 2022 22:26

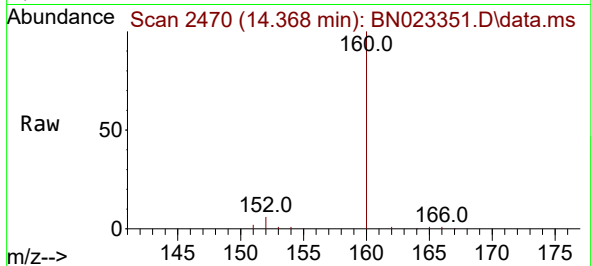
Tgt Ion:142 Resp: 971  
Ion Ratio Lower Upper  
142 100  
141 91.8 71.4 107.2



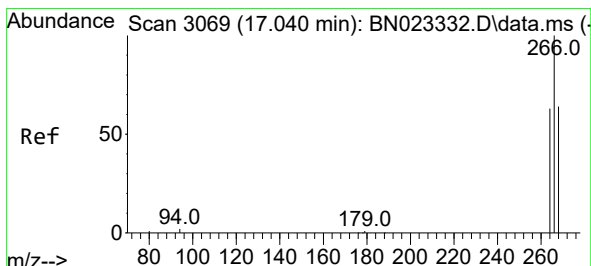
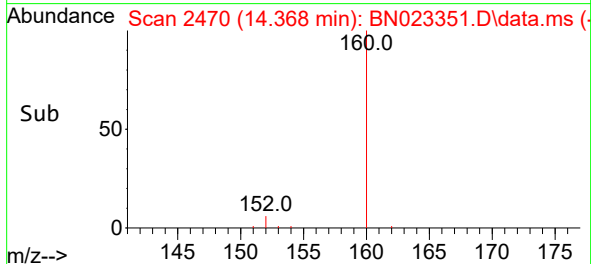
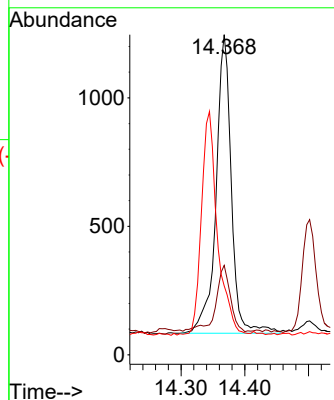


#10  
Acenaphthylene  
Concen: 0.034 ng/ul  
RT: 14.368 min Scan# 2469  
Delta R.T. -0.001 min  
Lab File: BN023351.D  
Acq: 22 Dec 2022 22:26

Instrument :  
BNA\_N  
ClientSampleId :

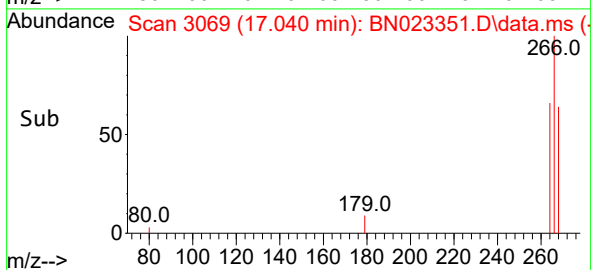
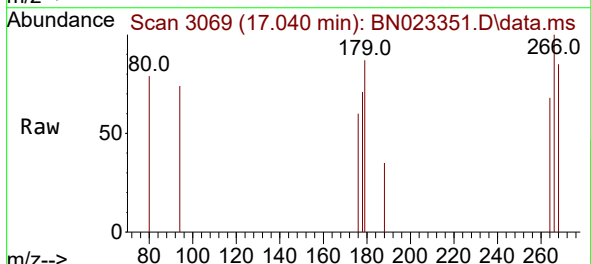
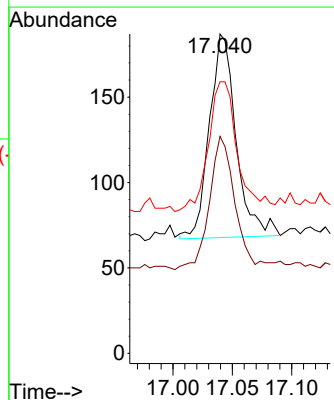


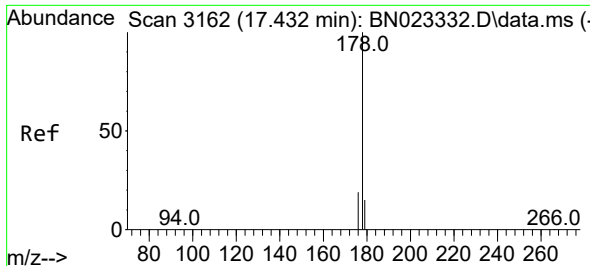
Tgt Ion:152 Resp: 1935  
Ion Ratio Lower Upper  
152 100  
151 27.9 16.1 24.1#  
153 21.5 10.9 16.3#



#14  
Pentachlorophenol  
Concen: 0.022 ng/ul  
RT: 17.040 min Scan# 3069  
Delta R.T. -0.001 min  
Lab File: BN023351.D  
Acq: 22 Dec 2022 22:26

Tgt Ion:266 Resp: 186  
Ion Ratio Lower Upper  
266 100  
264 65.1 49.8 74.6  
268 69.9 51.4 77.0

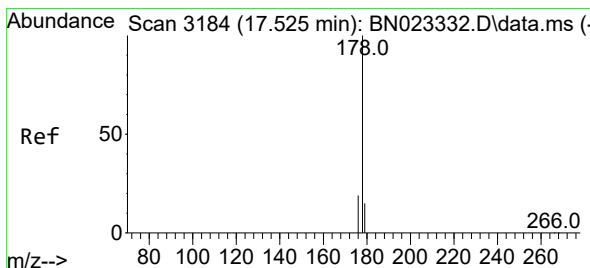
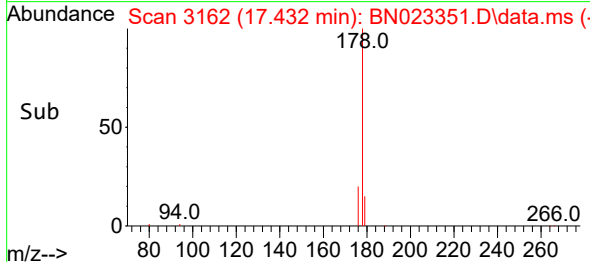
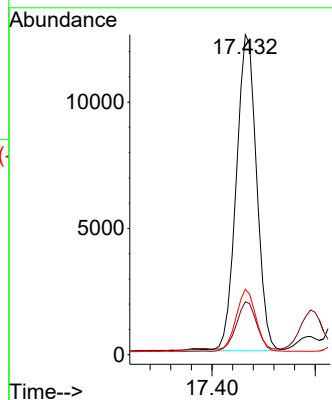
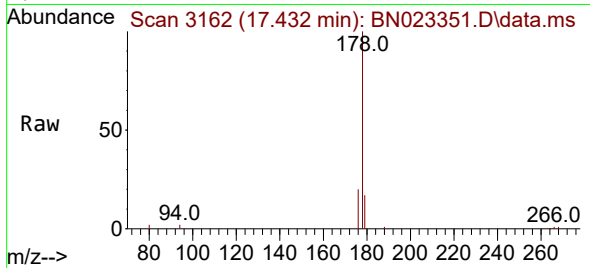




#15  
Phenanthrene  
Concen: 0.174 ng/ul  
RT: 17.432 min Scan# 3162  
Delta R.T. -0.001 min  
Lab File: BN023351.D  
Acq: 22 Dec 2022 22:26

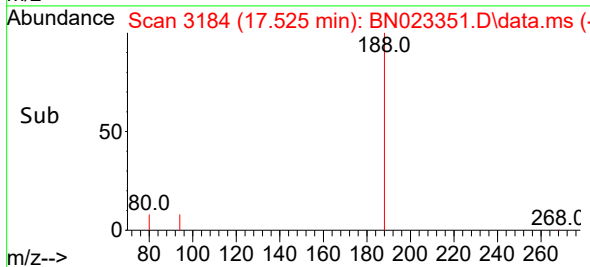
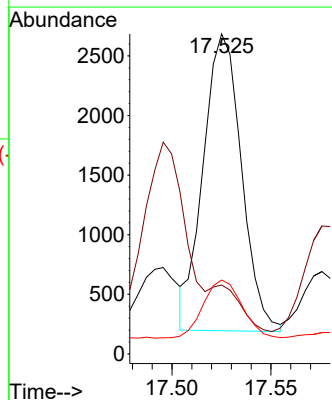
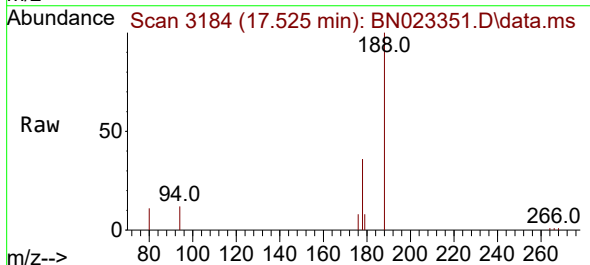
Instrument :  
BNA\_N  
ClientSampleId :

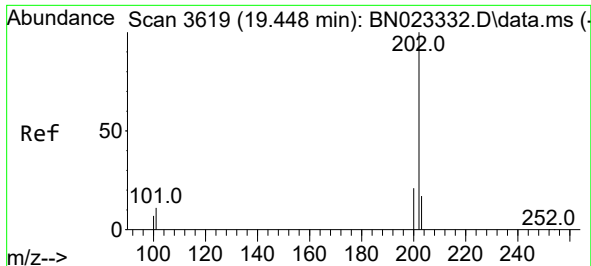
Tgt Ion:178 Resp: 17098  
Ion Ratio Lower Upper  
178 100  
179 16.6 12.5 18.7  
176 20.5 15.7 23.5



#16  
Anthracene  
Concen: 0.041 ng/ul  
RT: 17.525 min Scan# 3184  
Delta R.T. -0.001 min  
Lab File: BN023351.D  
Acq: 22 Dec 2022 22:26

Tgt Ion:178 Resp: 3344  
Ion Ratio Lower Upper  
178 100  
179 21.5 12.6 18.8#  
176 23.1 15.4 23.0#

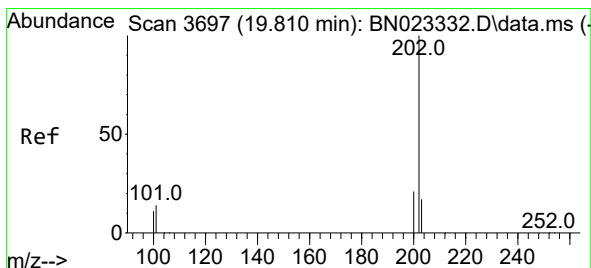
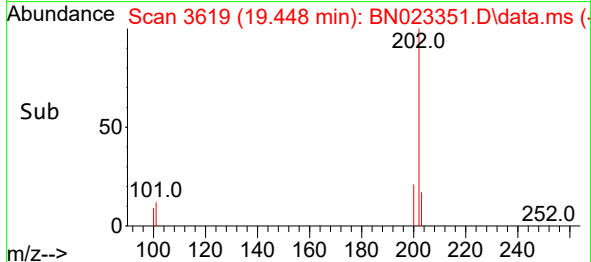
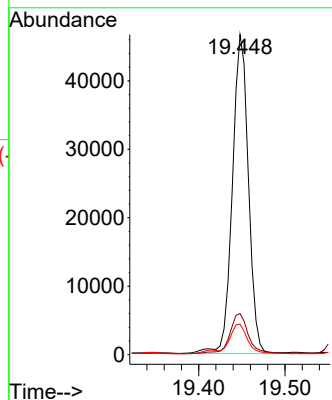
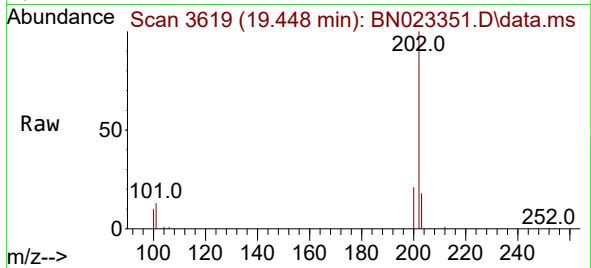




#19  
Fluoranthene  
Concen: 0.500 ng/ul  
RT: 19.448 min Scan# 3619  
Delta R.T. -0.001 min  
Lab File: BN023351.D  
Acq: 22 Dec 2022 22:26

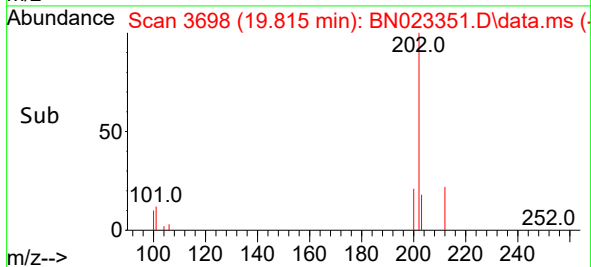
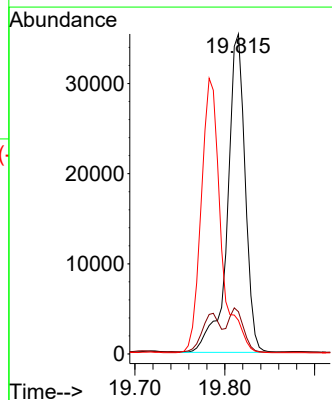
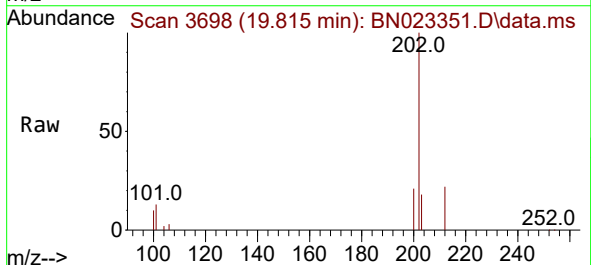
Instrument :  
BNA\_N  
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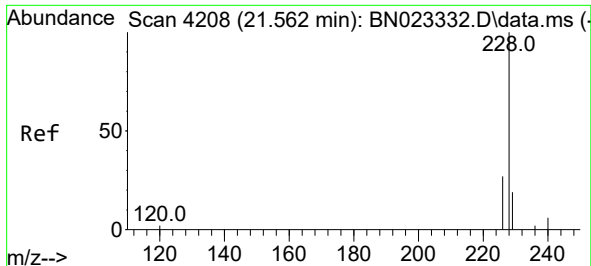
Tgt Ion:202 Resp: 60100  
Ion Ratio Lower Upper  
202 100  
101 12.9 9.4 14.2  
100 9.6 7.0 10.6



#20  
Pyrene  
Concen: 0.397 ng/ul  
RT: 19.815 min Scan# 3698  
Delta R.T. 0.004 min  
Lab File: BN023351.D  
Acq: 22 Dec 2022 22:26

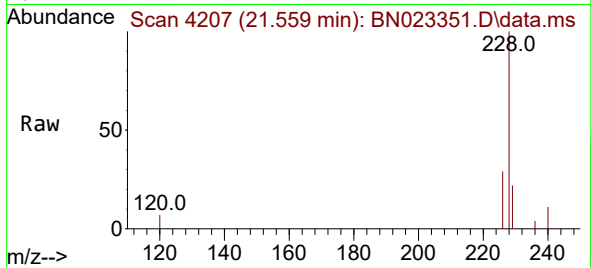
Tgt Ion:202 Resp: 48121  
Ion Ratio Lower Upper  
202 100  
101 13.2 11.3 16.9  
100 10.5 9.0 13.4



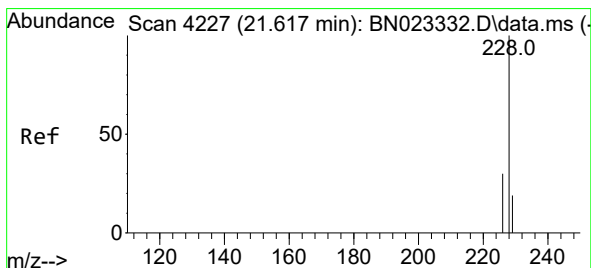
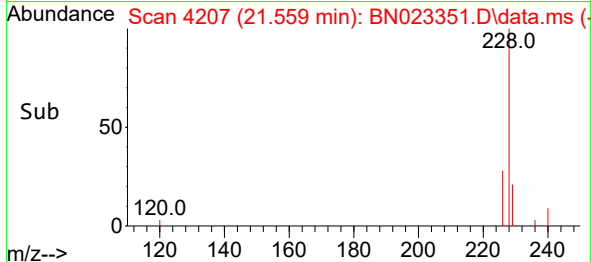
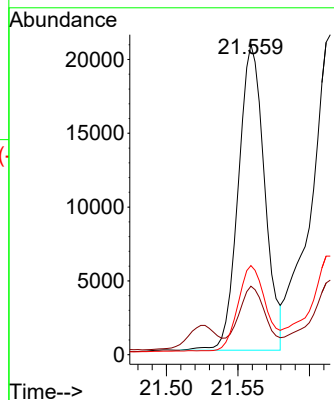


#21  
Benzo(a)anthracene  
Concen: 0.275 ng/ul  
RT: 21.559 min Scan# 41  
Delta R.T. -0.002 min  
Lab File: BN023351.D  
Acq: 22 Dec 2022 22:26

Instrument :  
BNA\_N  
ClientSampleId :

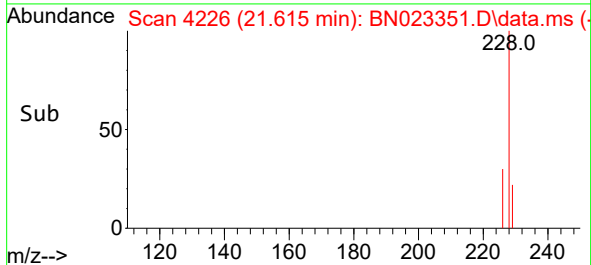
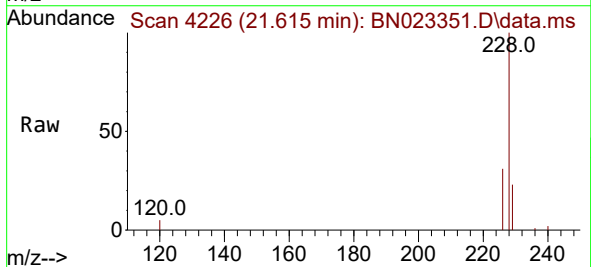
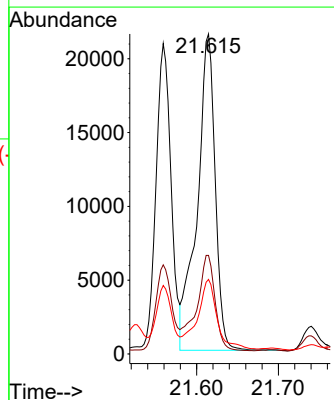


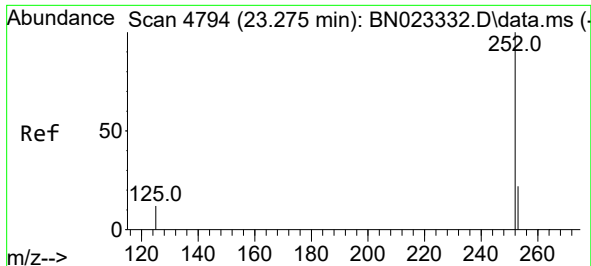
Tgt Ion:228 Resp: 26503  
Ion Ratio Lower Upper  
228 100  
229 22.0 15.6 23.4  
226 28.7 22.2 33.2



#22  
Chrysene  
Concen: 0.335 ng/ul  
RT: 21.615 min Scan# 4226  
Delta R.T. -0.002 min  
Lab File: BN023351.D  
Acq: 22 Dec 2022 22:26

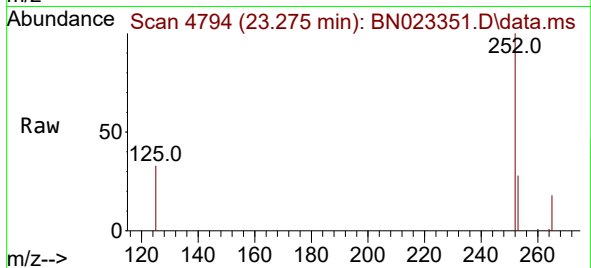
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Ion Ratio Lower Upper  
228 100  
226 30.8 24.3 36.5  
229 23.3 15.8 23.6



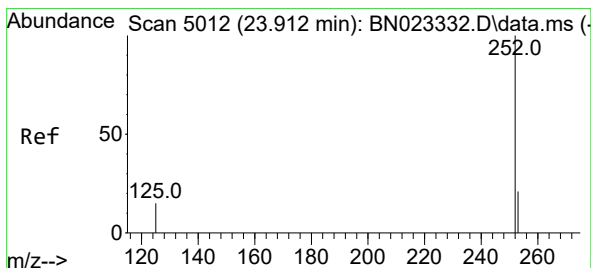
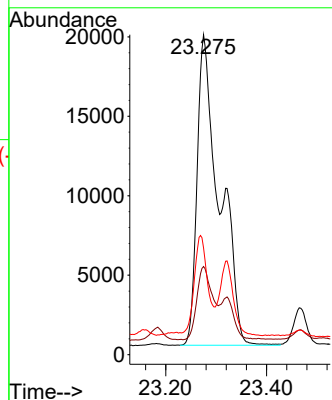
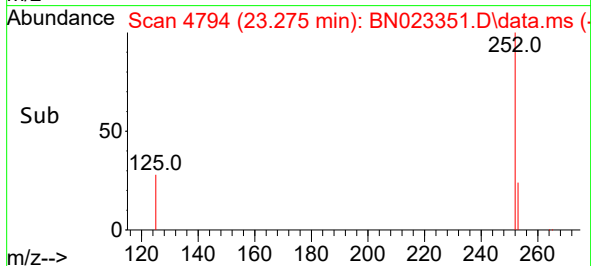


#24  
Benzo(b)fluoranthene  
Concen: 0.565 ng/ul  
RT: 23.275 min Scan# 4794  
Delta R.T. 0.001 min  
Lab File: BN023351.D  
Acq: 22 Dec 2022 22:26

Instrument :  
BNA\_N  
ClientSampleId :

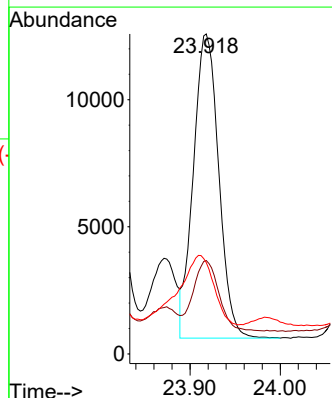
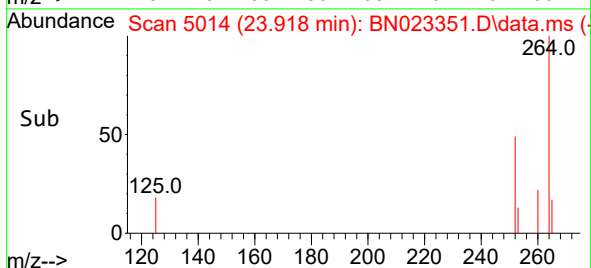
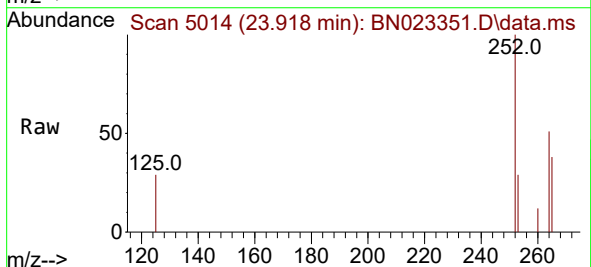


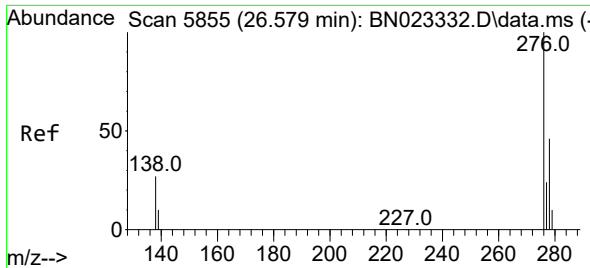
Tgt Ion:252 Resp: 59831  
Ion Ratio Lower Upper  
252 100  
253 27.5 0.0 49.2  
125 33.3 0.0 31.8#



#26  
Benzo(a)pyrene  
Concen: 0.278 ng/ul  
RT: 23.918 min Scan# 5014  
Delta R.T. 0.004 min  
Lab File: BN023351.D  
Acq: 22 Dec 2022 22:26

Tgt Ion:252 Resp: 23307  
Ion Ratio Lower Upper  
252 100  
253 29.2 21.4 32.2  
125 28.6 16.2 24.4#

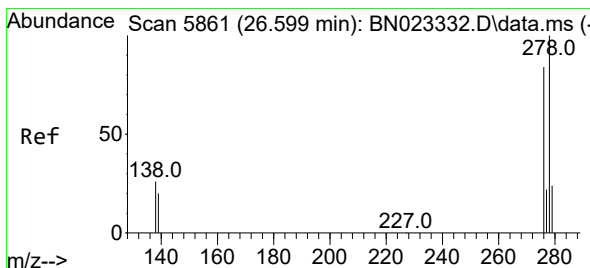
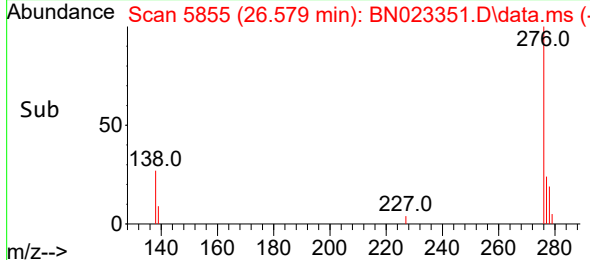
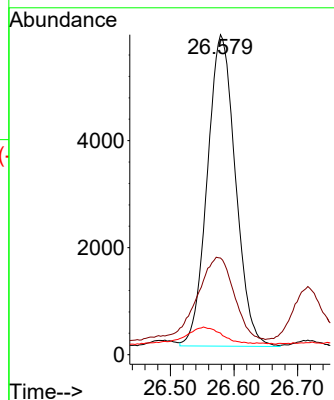
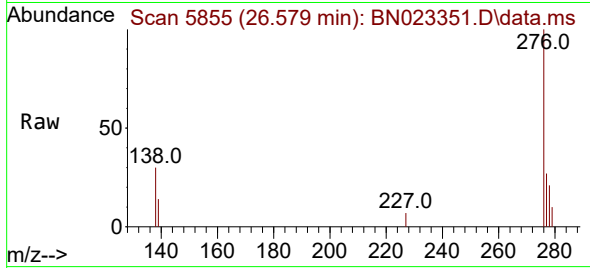




#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.183 ng/ul  
 RT: 26.579 min Scan# 5855  
 Delta R.T. 0.001 min  
 Lab File: BN023351.D  
 Acq: 22 Dec 2022 22:26

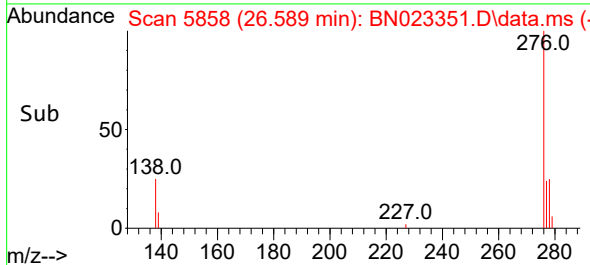
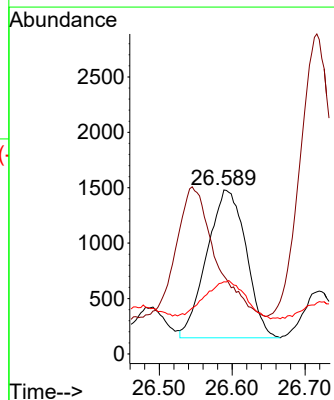
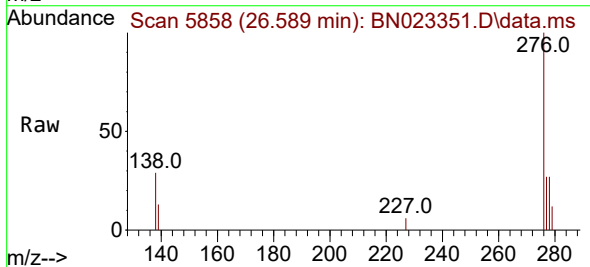
Instrument :  
 BNA\_N  
 ClientSampleId :

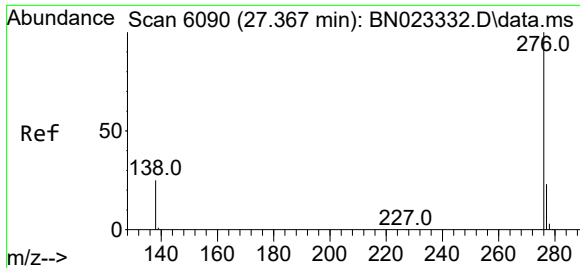
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 Ion Ratio Lower Upper  
 276 100  
 138 33.8 23.4 35.2  
 227 0.0 0.0 0.0



#28  
 Dibenzo(a,h)anthracene  
 Concen: 0.066 ng/ul  
 RT: 26.589 min Scan# 5858  
 Delta R.T. -0.013 min  
 Lab File: BN023351.D  
 Acq: 22 Dec 2022 22:26

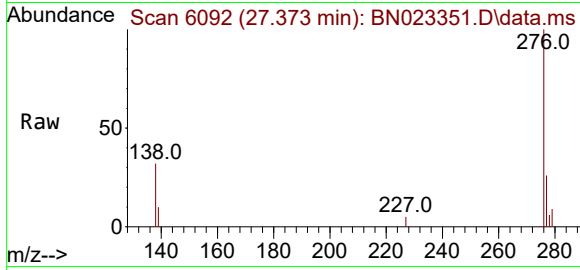
Tgt Ion:278 Resp: 4987  
 Ion Ratio Lower Upper  
 278 100  
 139 47.6 16.6 24.8#  
 279 44.0 21.3 31.9#





#29  
Benzo(g,h,i)perylene  
Concen: 0.158 ng/ul  
RT: 27.373 min Scan# 6092  
Delta R.T. 0.004 min  
Lab File: BN023351.D  
Acq: 22 Dec 2022 22:26

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:276 Resp: 12592  
Ion Ratio Lower Upper  
276 100  
138 32.2 20.3 30.5#  
277 26.5 19.7 29.5

