

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122422\  
 Data File : BN023434.D  
 Acq On : 25 Dec 2022 05:47  
 Operator : CG/JU  
 Sample : N6017-05  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Dec 26 01:21:44 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 : Sun Dec 25 05:17:59 2022  
 Response via : Initial Calibration

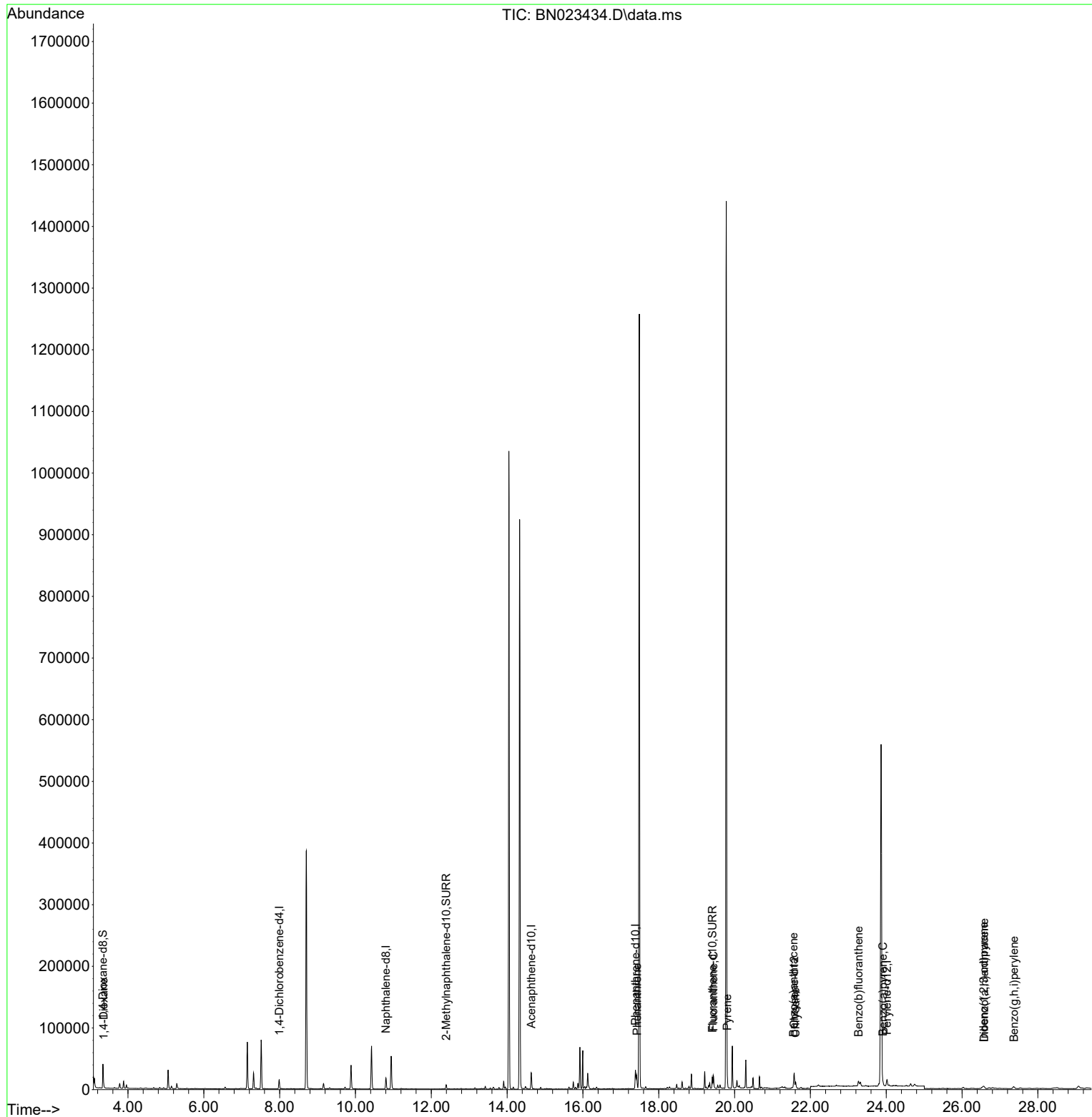
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.990  | 152  | 7259     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.803 | 136  | 23788    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.639 | 164  | 14433    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.385 | 188  | 31537    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.572 | 240  | 19425    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.022 | 264  | 14500    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.340  | 96   | 25332    | 3.212 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.392 | 152  | 8640     | 0.235 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.414 | 212  | 18565    | 0.264 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.361  | 88   | 170      | 0.021 | ng/ul# | 1        |
| 15) Phenanthrene            | 17.427 | 178  | 6977     | 0.068 | ng/ul# | 1        |
| 19) Fluoranthene            | 19.442 | 202  | 15946    | 0.169 | ng/ul# | 78       |
| 20) Pyrene                  | 19.809 | 202  | 14406    | 0.152 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.554 | 228  | 6769     | 0.090 | ng/ul# | 80       |
| 22) Chrysene                | 21.610 | 228  | 8091     | 0.105 | ng/ul# | 72       |
| 24) Benzo(b)fluoranthene    | 23.270 | 252  | 15148    | 0.202 | ng/ul# | 49       |
| 26) Benzo(a)pyrene          | 23.910 | 252  | 6939     | 0.117 | ng/ul# | 62       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.574 | 276  | 6013     | 0.087 | ng/ul# | 45       |
| 28) Dibenzo(a,h)anthracene  | 26.587 | 278  | 1509     | 0.028 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 27.368 | 276  | 6057     | 0.107 | ng/ul# | 66       |
| -----                       |        |      |          |       |        |          |

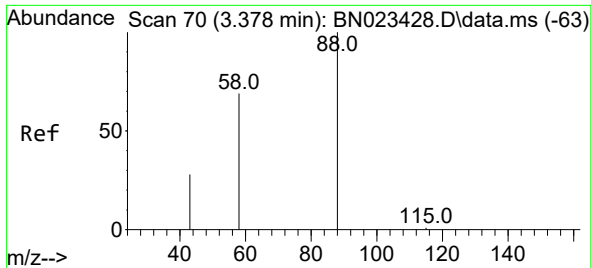
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122422\  
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Operator : CG/JU  
Sample : N6017-05  
Misc :  
ALS Vial : 62 Sample Multiplier: 1

Instrument :  
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ClientSampleId :

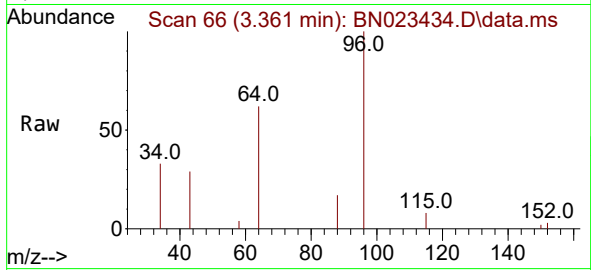
Quant Time: Dec 26 01:21:44 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Dec 25 05:17:59 2022  
Response via : Initial Calibration



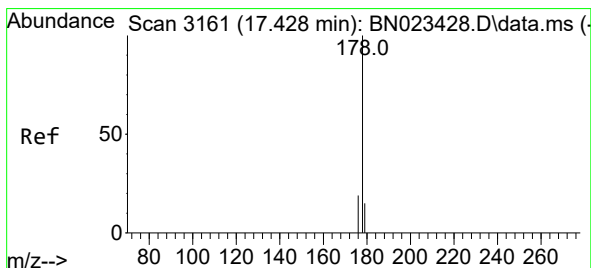
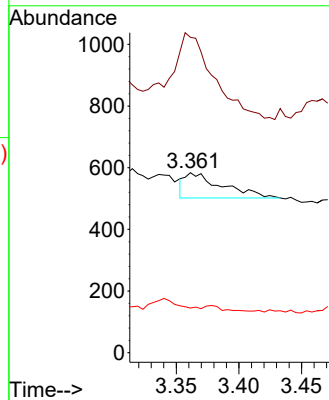
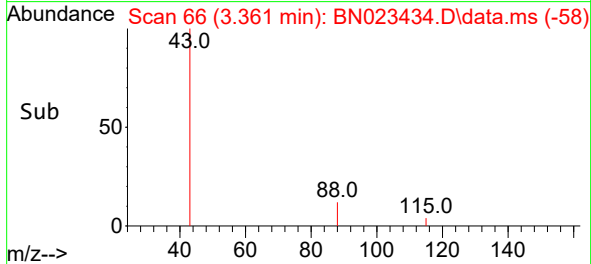


#2  
1,4-Dioxane  
Concen: 0.021 ng/ul  
RT: 3.361 min Scan# 60  
Delta R.T. -0.017 min  
Lab File: BN023434.D  
Acq: 25 Dec 2022 05:47

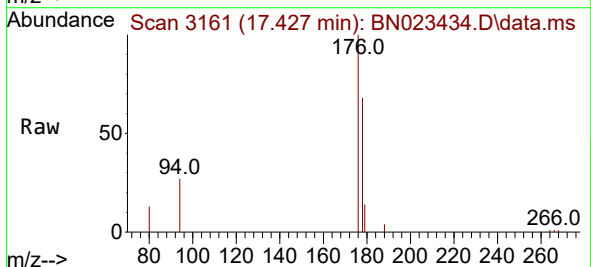
Instrument :  
BNA\_N  
ClientSampleId :



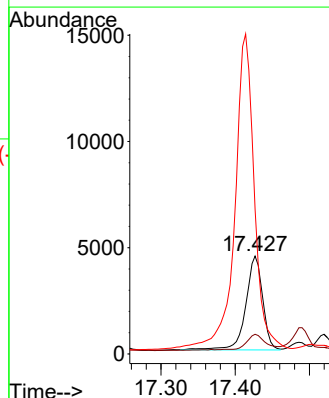
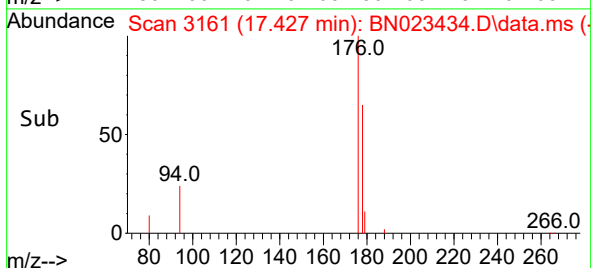
Tgt Ion: 88 Resp: 170  
Ion Ratio Lower Upper  
88 100  
43 175.2 28.4 42.6#  
58 24.8 45.6 68.4#

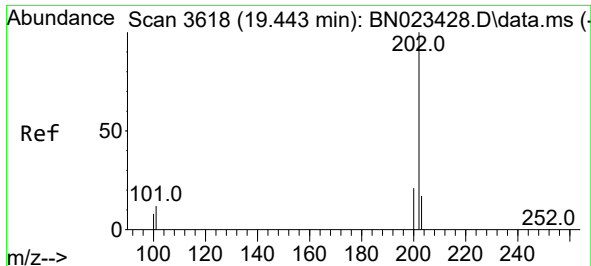


#15  
Phenanthrene  
Concen: 0.068 ng/ul  
RT: 17.427 min Scan# 3161  
Delta R.T. -0.001 min  
Lab File: BN023434.D  
Acq: 25 Dec 2022 05:47



Tgt Ion: 178 Resp: 6977  
Ion Ratio Lower Upper  
178 100  
179 20.0 12.5 18.7#  
176 147.9 15.7 23.5#





#19

Fluoranthene

Concen: 0.169 ng/ul

RT: 19.442 min Scan# 3618

Delta R.T. -0.002 min

Lab File: BN023434.D

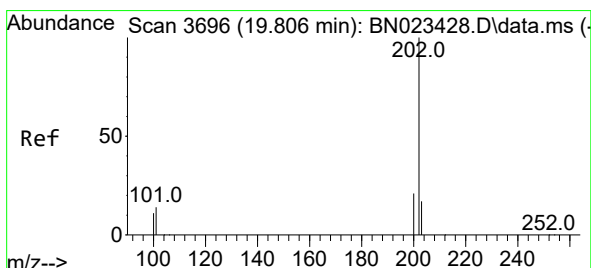
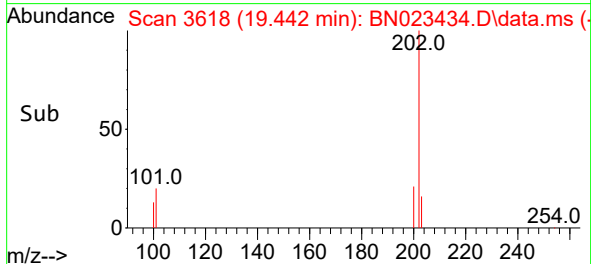
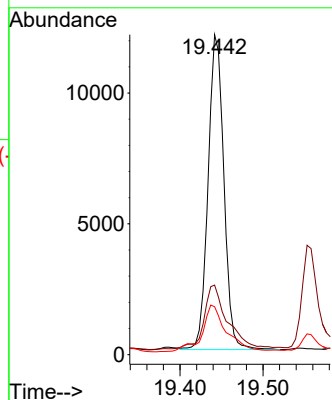
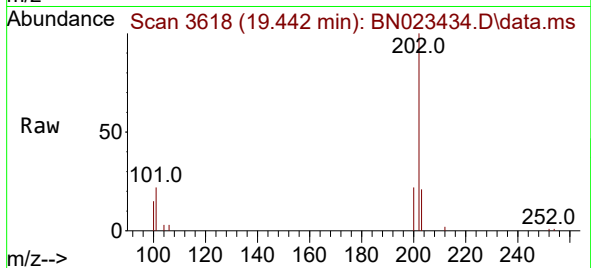
Acq: 25 Dec 2022 05:47

Instrument :

BNA\_N

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 15946 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 21.7  | 9.4   | 14.2# |
| 100       | 15.0  | 7.0   | 10.6# |



#20

Pyrene

Concen: 0.152 ng/ul

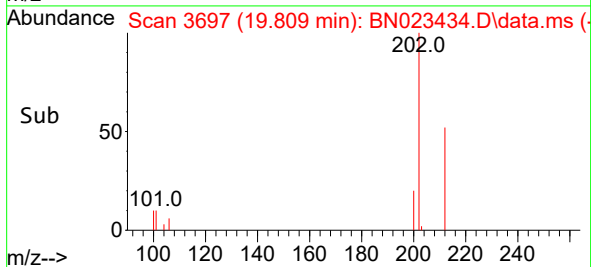
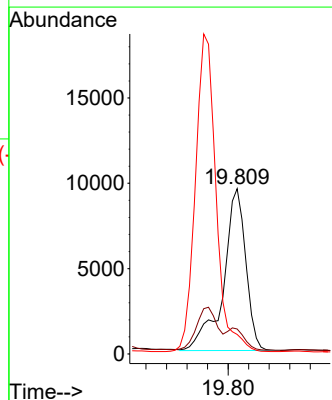
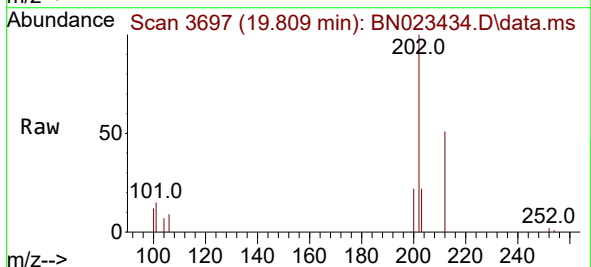
RT: 19.809 min Scan# 3697

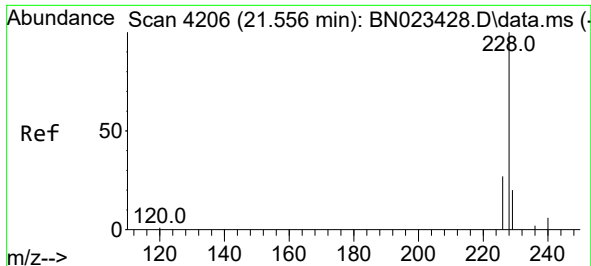
Delta R.T. 0.003 min

Lab File: BN023434.D

Acq: 25 Dec 2022 05:47

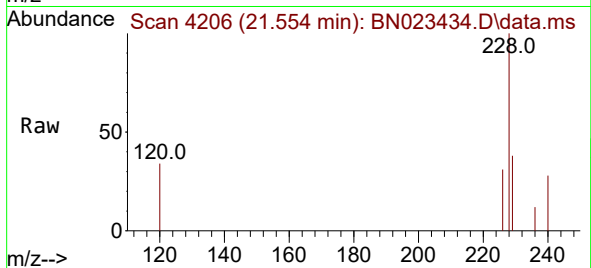
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 14406 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 15.1  | 11.3  | 16.9  |
| 100       | 11.8  | 9.0   | 13.4  |



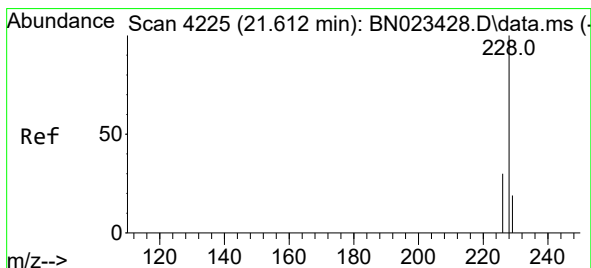
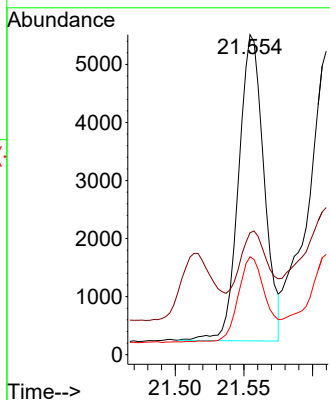
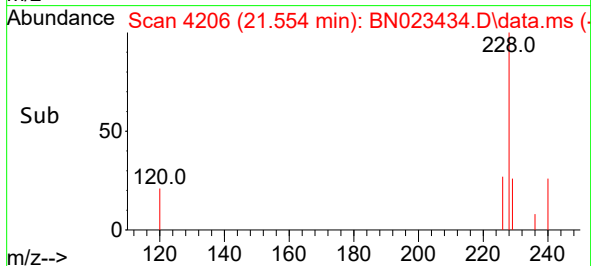


#21  
Benzo(a)anthracene  
Concen: 0.090 ng/ul  
RT: 21.554 min Scan# 41  
Delta R.T. -0.002 min  
Lab File: BN023434.D  
Acq: 25 Dec 2022 05:47

Instrument :  
BNA\_N  
ClientSampleId :

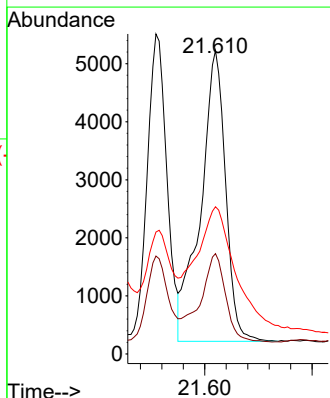
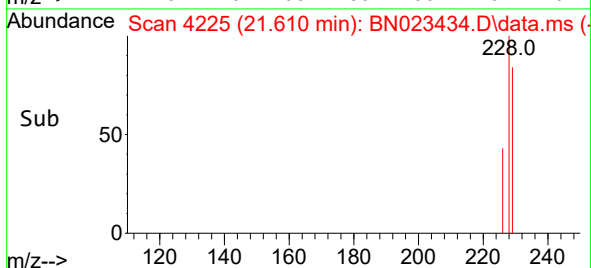
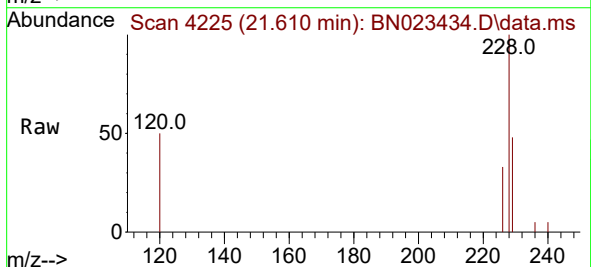


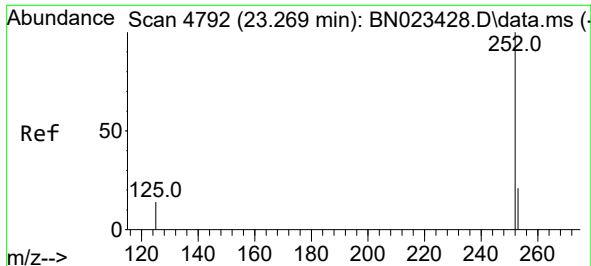
Tgt Ion:228 Resp: 6769  
Ion Ratio Lower Upper  
228 100  
229 38.1 15.6 23.4#  
226 30.6 22.2 33.2



#22  
Chrysene  
Concen: 0.105 ng/ul  
RT: 21.610 min Scan# 4225  
Delta R.T. -0.002 min  
Lab File: BN023434.D  
Acq: 25 Dec 2022 05:47

Tgt Ion:228 Resp: 8091  
Ion Ratio Lower Upper  
228 100  
226 33.0 24.3 36.5  
229 48.5 15.8 23.6#

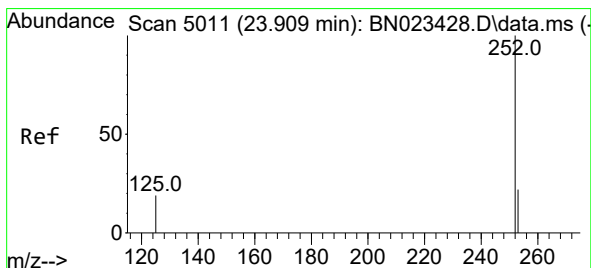
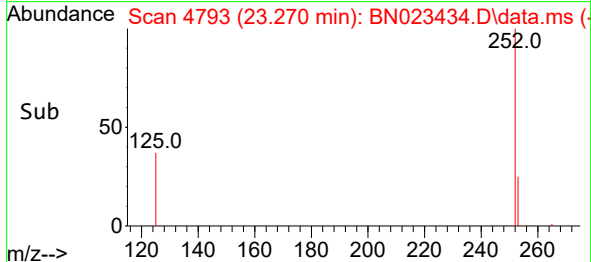
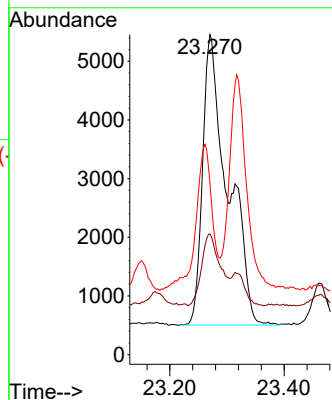
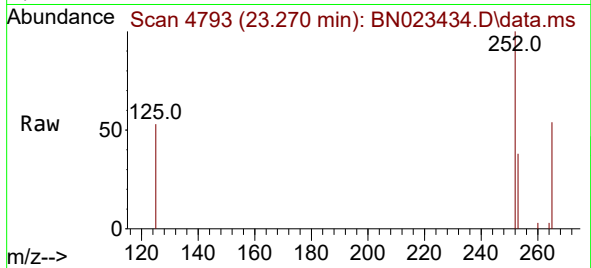




#24  
Benzo(b)fluoranthene  
Concen: 0.202 ng/ul  
RT: 23.270 min Scan# 4793  
Delta R.T. 0.001 min  
Lab File: BN023434.D  
Acq: 25 Dec 2022 05:47

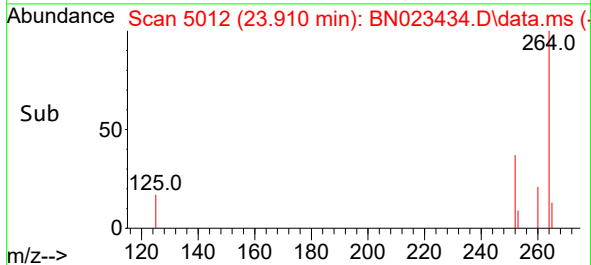
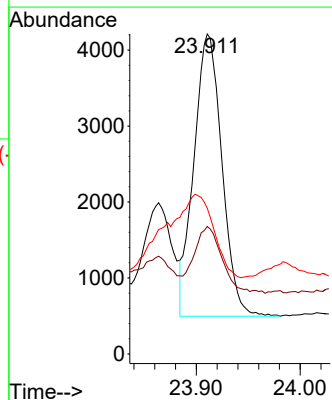
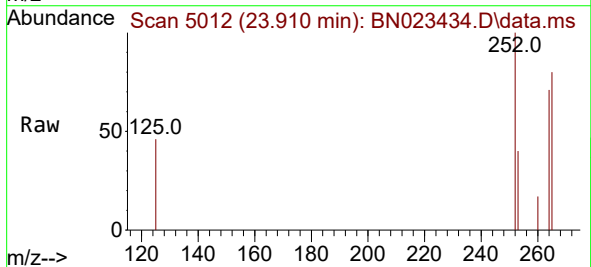
Instrument :  
BNA\_N  
ClientSampleId :

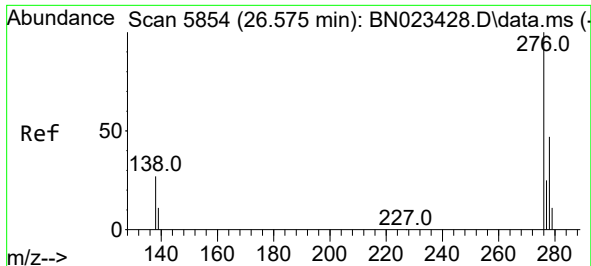
Tgt Ion:252 Resp: 15148  
Ion Ratio Lower Upper  
252 100  
253 37.7 0.0 49.2  
125 53.4 0.0 31.8#



#26  
Benzo(a)pyrene  
Concen: 0.117 ng/ul  
RT: 23.910 min Scan# 5012  
Delta R.T. 0.001 min  
Lab File: BN023434.D  
Acq: 25 Dec 2022 05:47

Tgt Ion:252 Resp: 6939  
Ion Ratio Lower Upper  
252 100  
253 39.8 21.4 32.2#  
125 45.6 16.2 24.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.087 ng/ul

RT: 26.574 min Scan# 5854

Delta R.T. -0.002 min

Lab File: BN023434.D

Acq: 25 Dec 2022 05:47

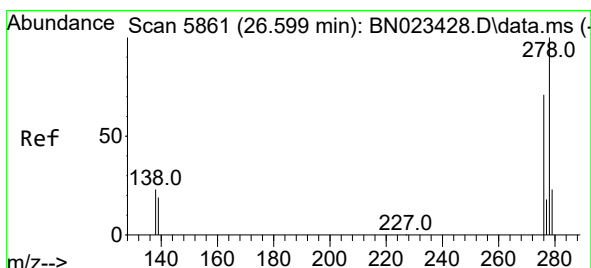
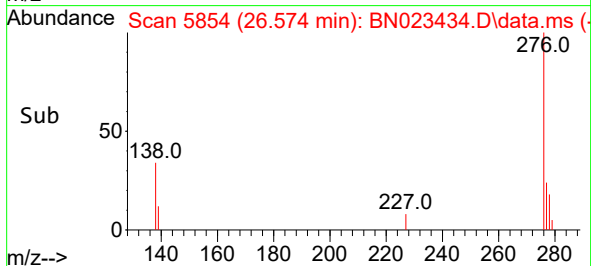
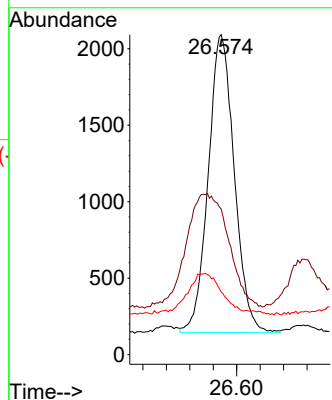
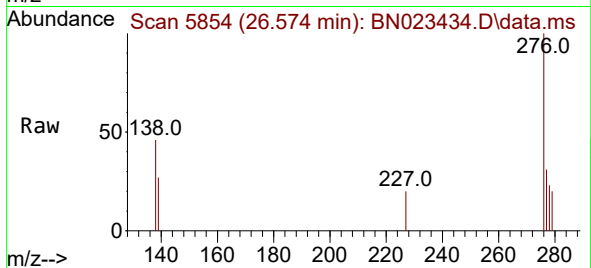
Instrument :

BNA\_N

ClientSampleId :

Tgt Ion:276 Resp: 6013

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 0.0   | 23.4  | 35.2# |
| 227 | 0.0   | 0.0   | 0.0   |



#28

Dibenzo(a,h)anthracene

Concen: 0.028 ng/ul

RT: 26.587 min Scan# 5858

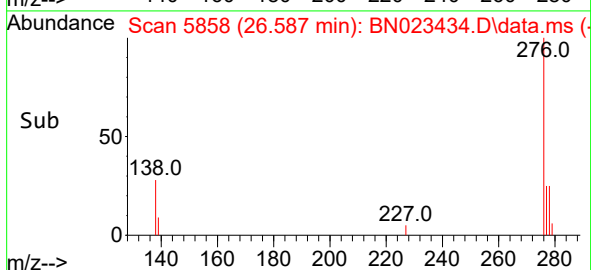
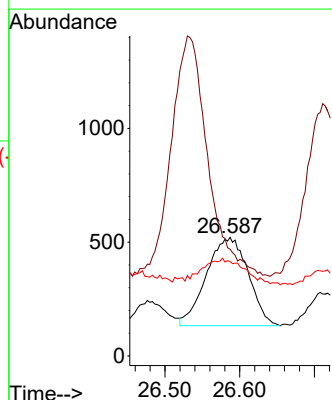
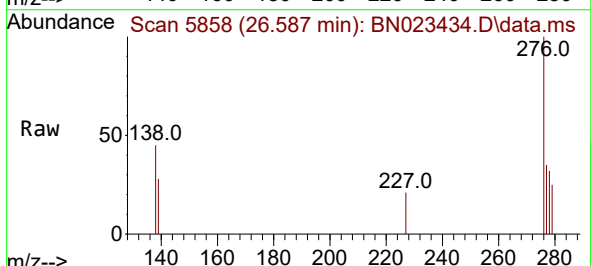
Delta R.T. -0.012 min

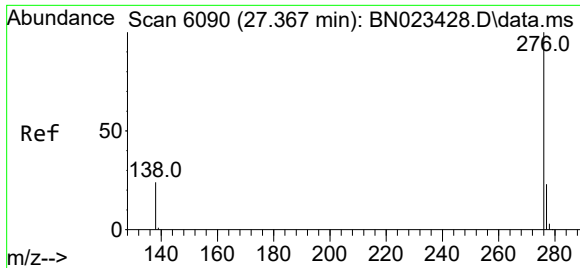
Lab File: BN023434.D

Acq: 25 Dec 2022 05:47

Tgt Ion:278 Resp: 1509

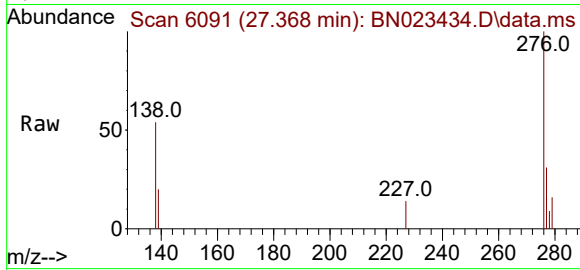
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 90.0  | 16.6  | 24.8# |
| 279 | 79.7  | 21.3  | 31.9# |





#29  
 Benzo(g,h,i)perylene  
 Concen: 0.107 ng/ul  
 RT: 27.368 min Scan# 6091  
 Delta R.T. 0.002 min  
 Lab File: BN023434.D  
 Acq: 25 Dec 2022 05:47

Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion: 276 Resp: 6057

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 53.7  | 20.3  | 30.5# |
| 277 | 30.7  | 19.7  | 29.5# |

