

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092223\  
 Data File : BN027795.D  
 Acq On : 21 Sep 2023 20:05  
 Operator : MA/JU  
 Sample : 04330-20  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EZYL5

Quant Time: Sep 22 04:01:43 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN091523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 22 03:58:00 2023  
 Response via : Initial Calibration

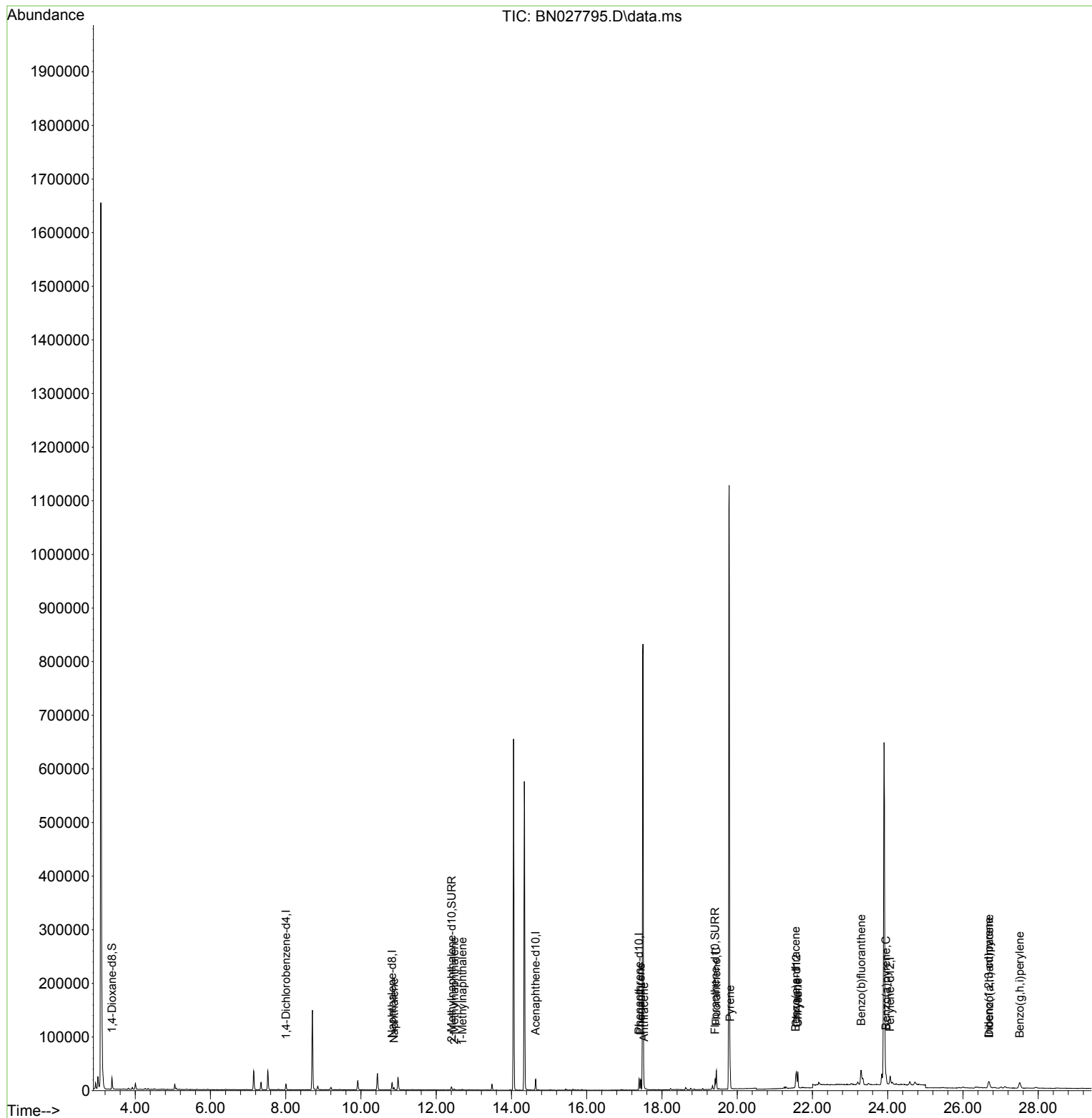
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.004  | 152  | 5360     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.828 | 136  | 18248    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.643 | 164  | 10940    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.392 | 188  | 24777    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.571 | 240  | 22785    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.065 | 264  | 22123    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.380  | 96   | 14156    | 2.097 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.407 | 152  | 7636     | 0.276 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.413 | 212  | 20296    | 0.292 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.878 | 128  | 5634     | 0.108 | ng/ul# | 94       |
| 7) 2-Methylnaphthalene      | 12.478 | 142  | 1315     | 0.040 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.698 | 142  | 832      | 0.024 | ng/ul  | 96       |
| 15) Phenanthrene            | 17.435 | 178  | 20279    | 0.260 | ng/ul  | 99       |
| 16) Anthracene              | 17.527 | 178  | 2231     | 0.034 | ng/ul# | 81       |
| 19) Fluoranthene            | 19.446 | 202  | 29232    | 0.317 | ng/ul  | 100      |
| 20) Pyrene                  | 19.813 | 202  | 32482    | 0.342 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.554 | 228  | 18996    | 0.215 | ng/ul# | 90       |
| 22) Chrysene                | 21.609 | 228  | 34019    | 0.373 | ng/ul# | 94       |
| 24) Benzo(b)fluoranthene    | 23.293 | 252  | 59606    | 0.604 | ng/ul# | 70       |
| 26) Benzo(a)pyrene          | 23.954 | 252  | 19668    | 0.248 | ng/ul# | 68       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.683 | 276  | 20977    | 0.206 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.700 | 278  | 6264     | 0.077 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 27.508 | 276  | 24760    | 0.287 | ng/ul  | 91       |
| -----                       |        |      |          |       |        |          |

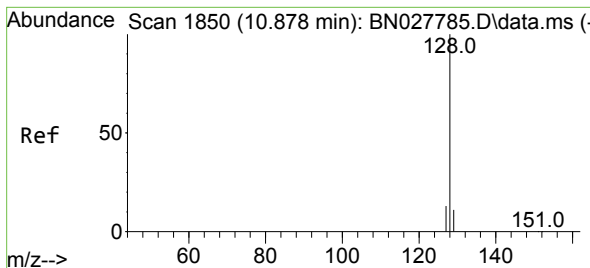
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092223\  
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EZYL5

Quant Time: Sep 22 04:01:43 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN091523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 22 03:58:00 2023  
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.108 ng/ul

RT: 10.878 min Scan# 1850

Delta R.T. 0.000 min

Lab File: BN027795.D

Acq: 21 Sep 2023 20:05

Instrument :

BNA\_N

ClientSampleId :

EZYL5

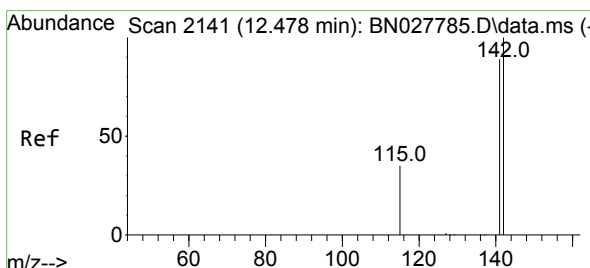
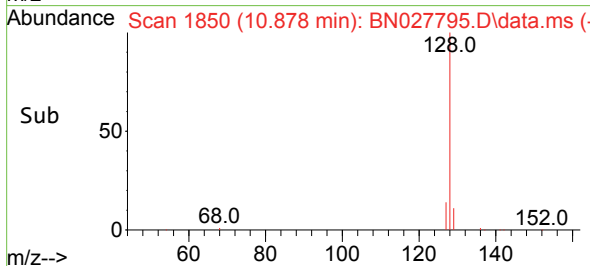
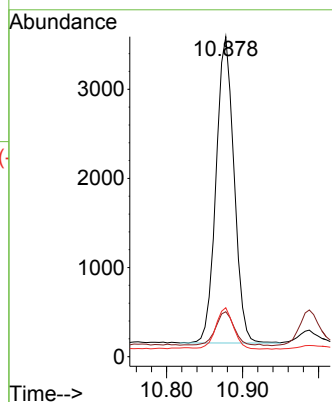
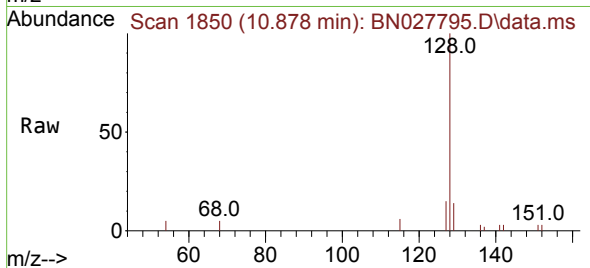
Tgt Ion:128 Resp: 5634

Ion Ratio Lower Upper

128 100

129 14.1 9.3 13.9#

127 15.3 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.040 ng/ul

RT: 12.478 min Scan# 2141

Delta R.T. 0.000 min

Lab File: BN027795.D

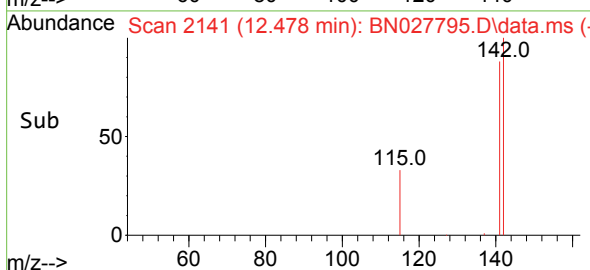
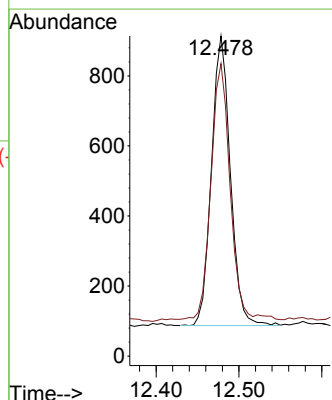
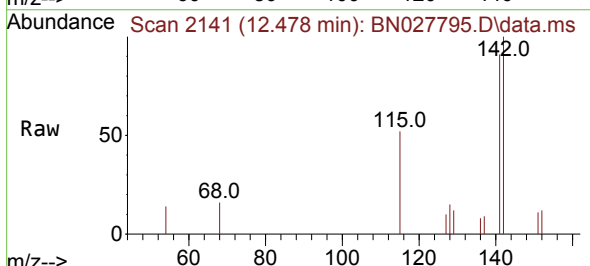
Acq: 21 Sep 2023 20:05

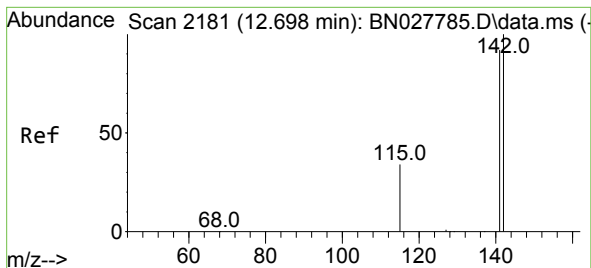
Tgt Ion:142 Resp: 1315

Ion Ratio Lower Upper

142 100

141 92.6 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.698 min Scan# 2181

Delta R.T. 0.000 min

Lab File: BN027795.D

Acq: 21 Sep 2023 20:05

Instrument :

BNA\_N

ClientSampleId :

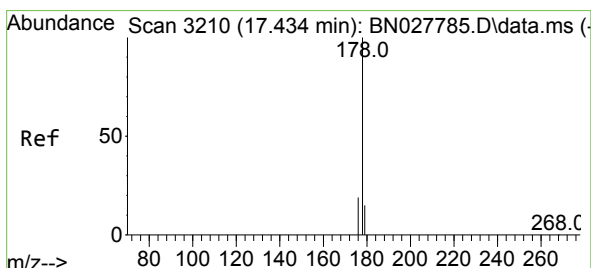
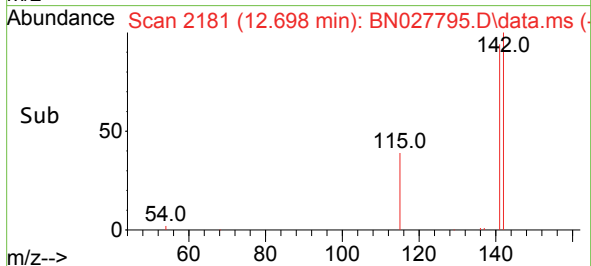
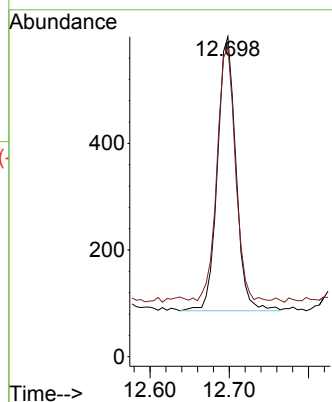
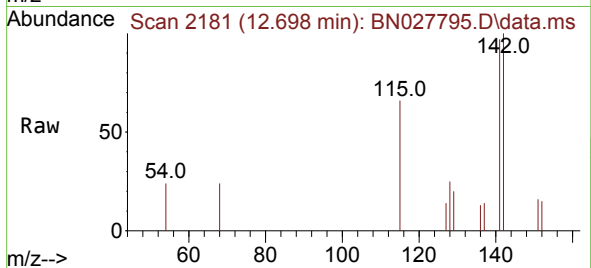
EZYL5

Tgt Ion:142 Resp: 832

Ion Ratio Lower Upper

142 100

141 94.6 72.8 109.2



#15

Phenanthrene

Concen: 0.260 ng/ul

RT: 17.435 min Scan# 3210

Delta R.T. 0.000 min

Lab File: BN027795.D

Acq: 21 Sep 2023 20:05

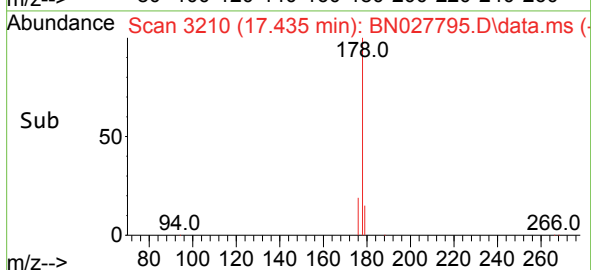
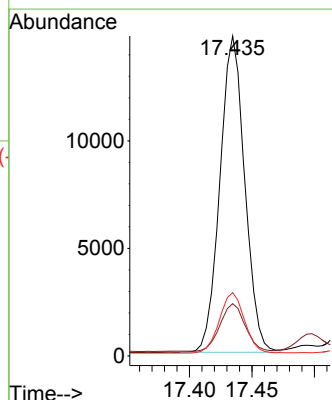
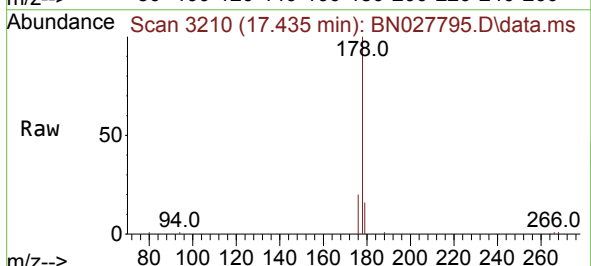
Tgt Ion:178 Resp: 20279

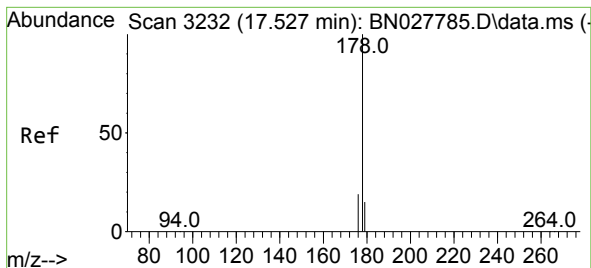
Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

176 19.8 16.0 24.0





#16

Anthracene

Concen: 0.034 ng/ul

RT: 17.527 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN027795.D

Acq: 21 Sep 2023 20:05

Instrument :

BNA\_N

ClientSampleId :

EZYL5

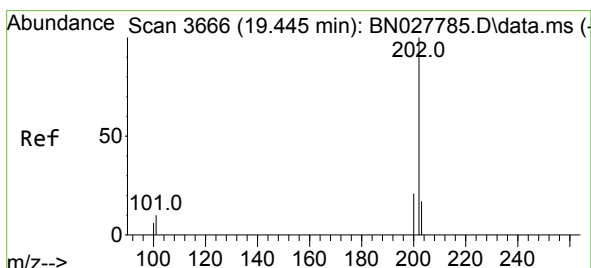
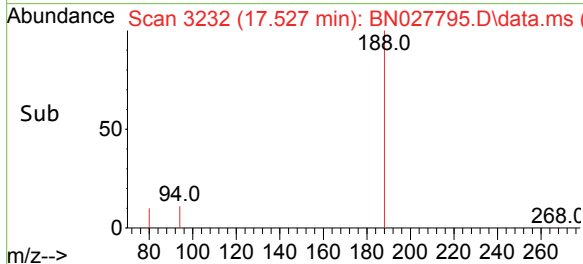
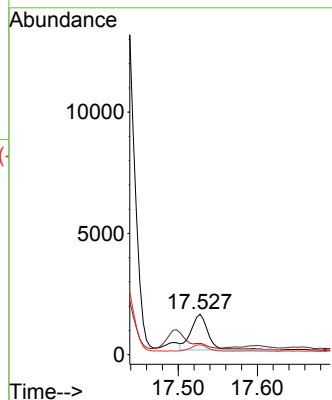
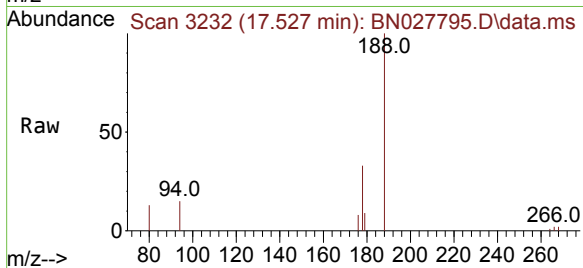
Tgt Ion:178 Resp: 2231

Ion Ratio Lower Upper

178 100

179 28.0 12.6 19.0#

176 24.5 15.5 23.3#



#19

Fluoranthene

Concen: 0.317 ng/ul

RT: 19.446 min Scan# 3666

Delta R.T. 0.000 min

Lab File: BN027795.D

Acq: 21 Sep 2023 20:05

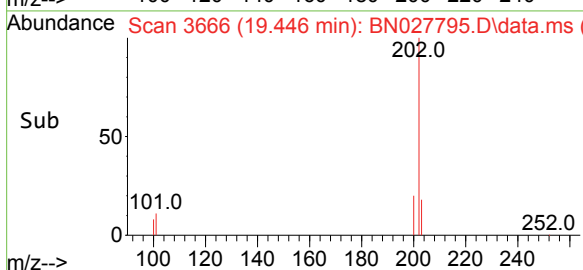
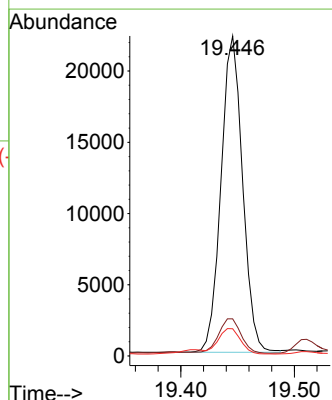
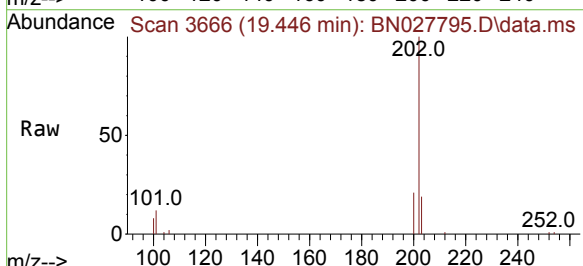
Tgt Ion:202 Resp: 29232

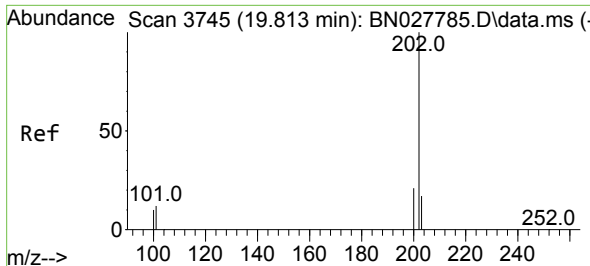
Ion Ratio Lower Upper

202 100

101 11.6 9.3 13.9

100 8.5 7.0 10.4

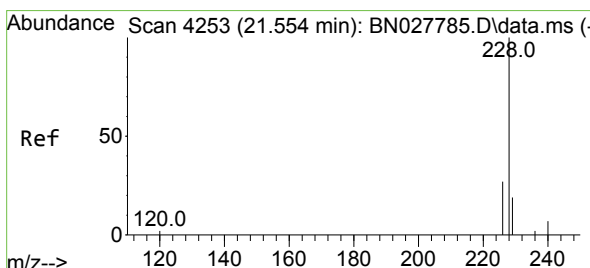
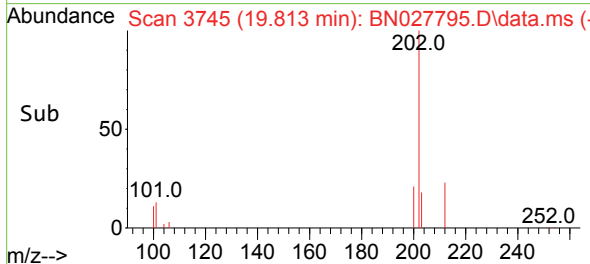
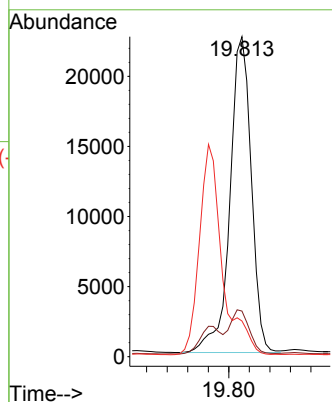
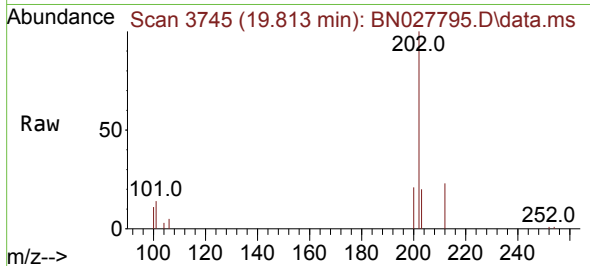




#20  
Pyrene  
Concen: 0.342 ng/ul  
RT: 19.813 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BN027795.D  
Acq: 21 Sep 2023 20:05

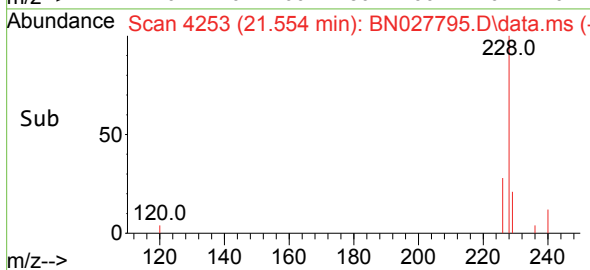
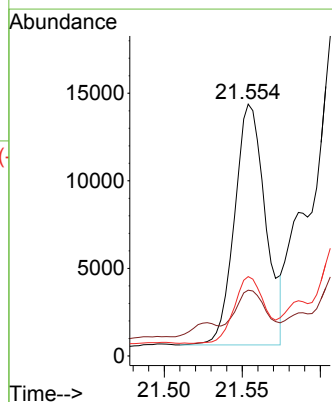
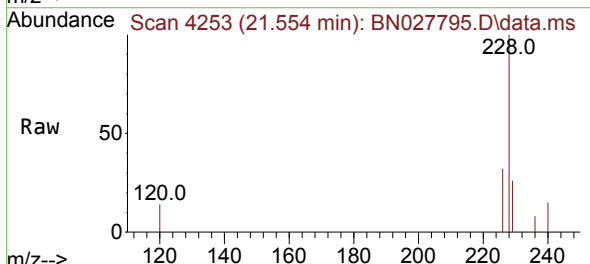
Instrument :  
BNA\_N  
ClientSampleId :  
EZY5

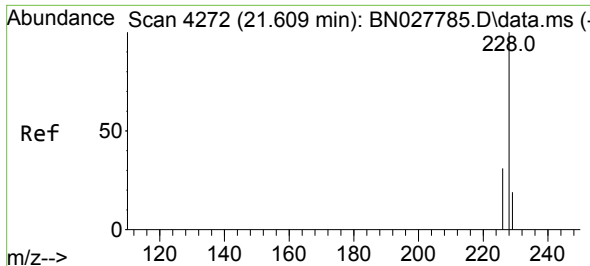
Tgt Ion:202 Resp: 32482  
Ion Ratio Lower Upper  
202 100  
101 14.2 11.4 17.0  
100 11.2 9.1 13.7



#21  
Benzo(a)anthracene  
Concen: 0.215 ng/ul  
RT: 21.554 min Scan# 4253  
Delta R.T. 0.000 min  
Lab File: BN027795.D  
Acq: 21 Sep 2023 20:05

Tgt Ion:228 Resp: 18996  
Ion Ratio Lower Upper  
228 100  
229 26.1 15.8 23.8#  
226 31.5 22.0 33.0





#22

Chrysene

Concen: 0.373 ng/ul

RT: 21.609 min Scan# 41

Delta R.T. 0.000 min

Lab File: BN027795.D

Acq: 21 Sep 2023 20:05

Instrument :

BNA\_N

ClientSampleId :

EZYL5

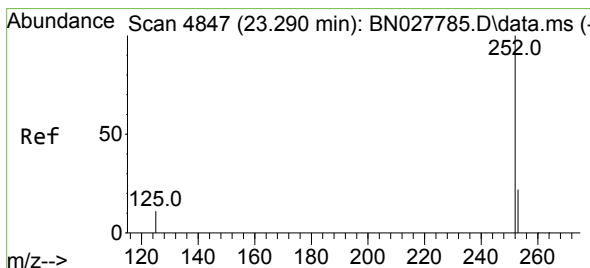
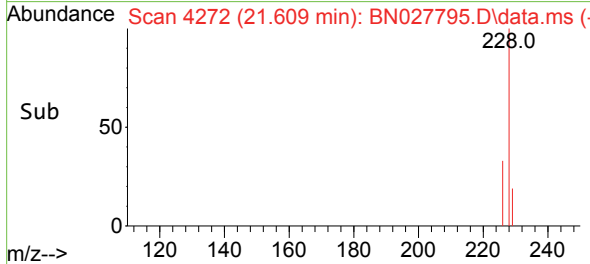
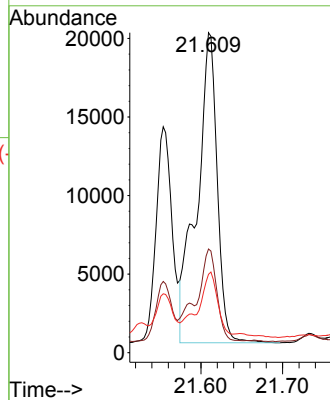
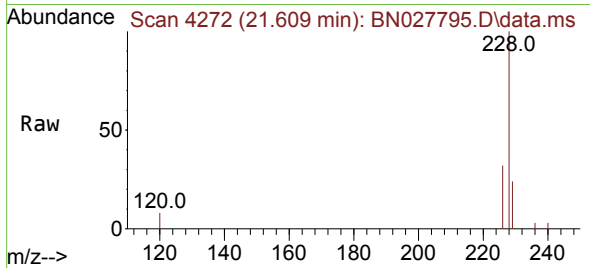
Tgt Ion:228 Resp: 34019

Ion Ratio Lower Upper

228 100

226 32.4 24.5 36.7

229 24.5 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 0.604 ng/ul

RT: 23.293 min Scan# 4848

Delta R.T. 0.003 min

Lab File: BN027795.D

Acq: 21 Sep 2023 20:05

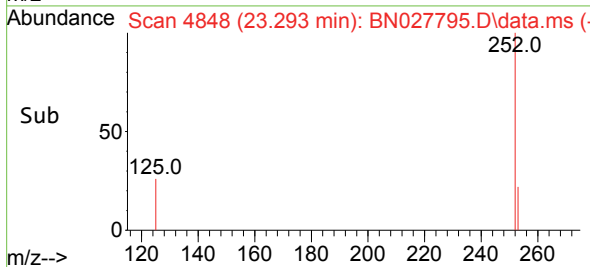
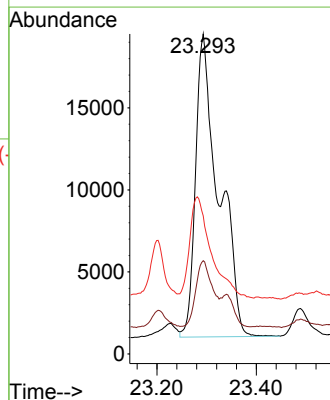
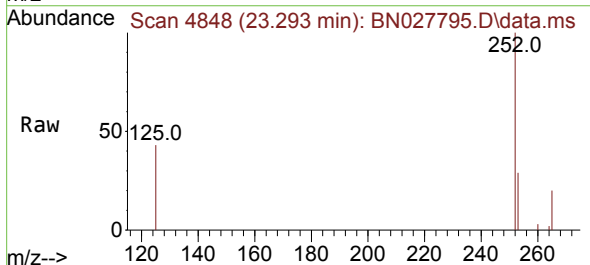
Tgt Ion:252 Resp: 59606

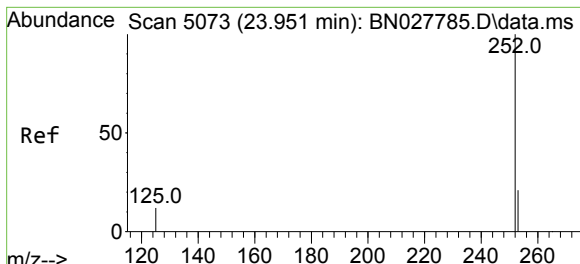
Ion Ratio Lower Upper

252 100

253 29.1 0.0 50.2

125 43.1 0.0 31.4#

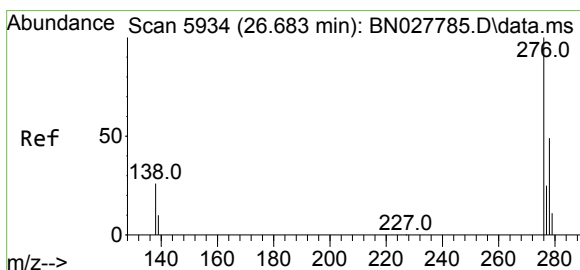
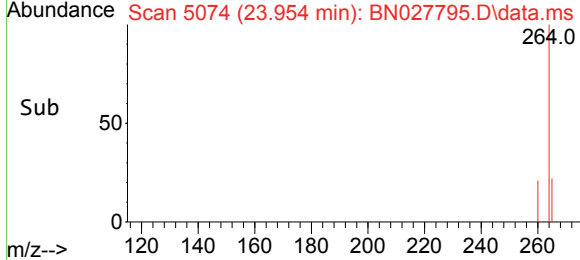
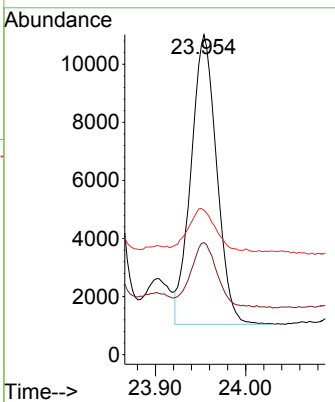
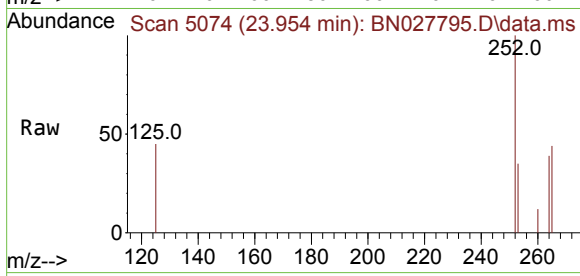




#26  
 Benzo(a)pyrene  
 Concen: 0.248 ng/ul  
 RT: 23.954 min Scan# 5073  
 Delta R.T. 0.003 min  
 Lab File: BN027795.D  
 Acq: 21 Sep 2023 20:05

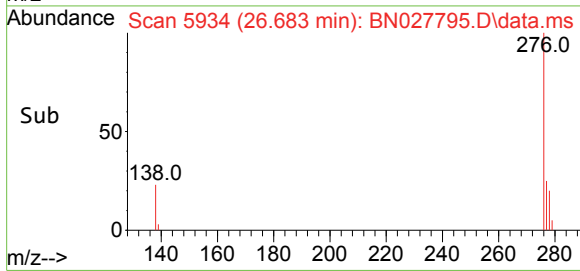
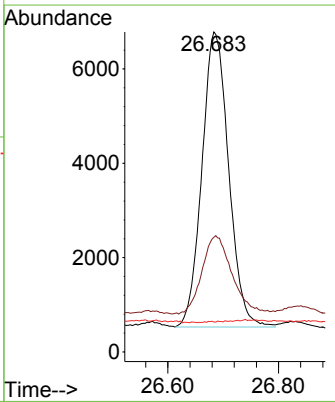
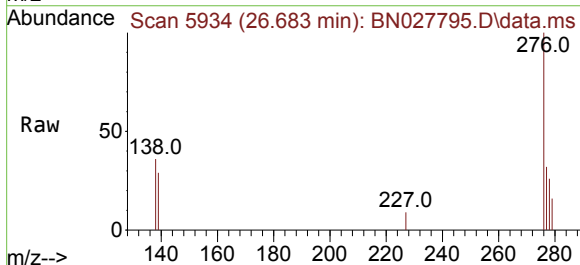
Instrument :  
 BNA\_N  
 ClientSampleId :  
 EZYL5

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 19668 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 35.0  | 21.9  | 32.9# |
| 125       | 45.1  | 15.5  | 23.3# |

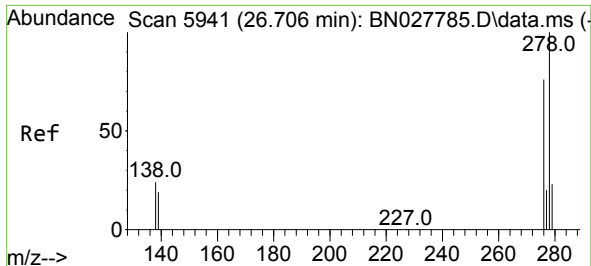


#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.206 ng/ul  
 RT: 26.683 min Scan# 5934  
 Delta R.T. 0.000 min  
 Lab File: BN027795.D  
 Acq: 21 Sep 2023 20:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 20977 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 29.8  | 24.3  | 36.5  |
| 227       | 0.0   | 0.0   | 0.0#  |



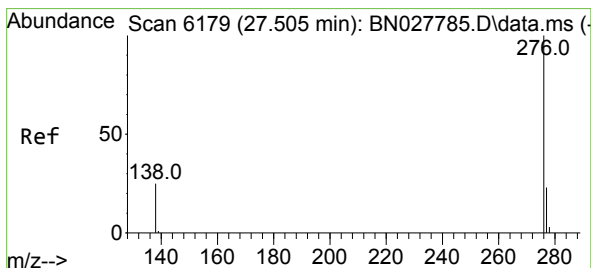
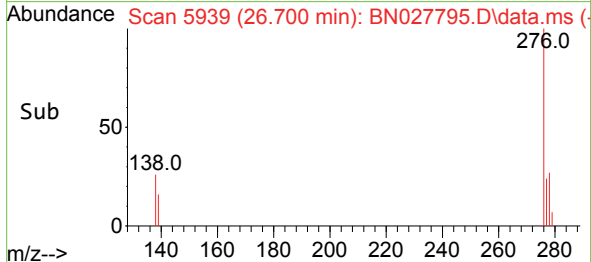
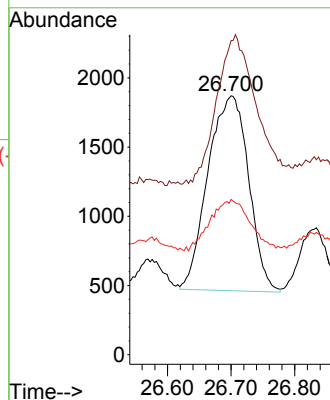
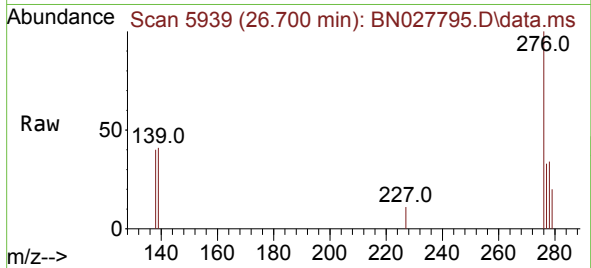




#28  
Dibenzo(a,h)anthracene  
Concen: 0.077 ng/ul  
RT: 26.700 min Scan# 5941  
Delta R.T. -0.006 min  
Lab File: BN027795.D  
Acq: 21 Sep 2023 20:05

Instrument :  
BNA\_N  
ClientSampleId :  
EZY5

Tgt Ion:278 Resp: 6264  
Ion Ratio Lower Upper  
278 100  
139 121.3 17.2 25.8#  
279 60.0 21.4 32.0#



#29  
Benzo(g,h,i)perylene  
Concen: 0.287 ng/ul  
RT: 27.508 min Scan# 6180  
Delta R.T. 0.004 min  
Lab File: BN027795.D  
Acq: 21 Sep 2023 20:05

Tgt Ion:276 Resp: 24760  
Ion Ratio Lower Upper  
276 100  
138 32.2 21.7 32.5  
277 29.3 20.2 30.2

