

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070524\  
 Data File : BN032535.D  
 Acq On : 06 Jul 2024 08:11  
 Operator : MA/JU  
 Sample : P3065-10DL 5X  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4CE4DL

Quant Time: Jul 07 23:43:47 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 : Wed Jul 03 03:26:42 2024  
 Response via : Initial Calibration

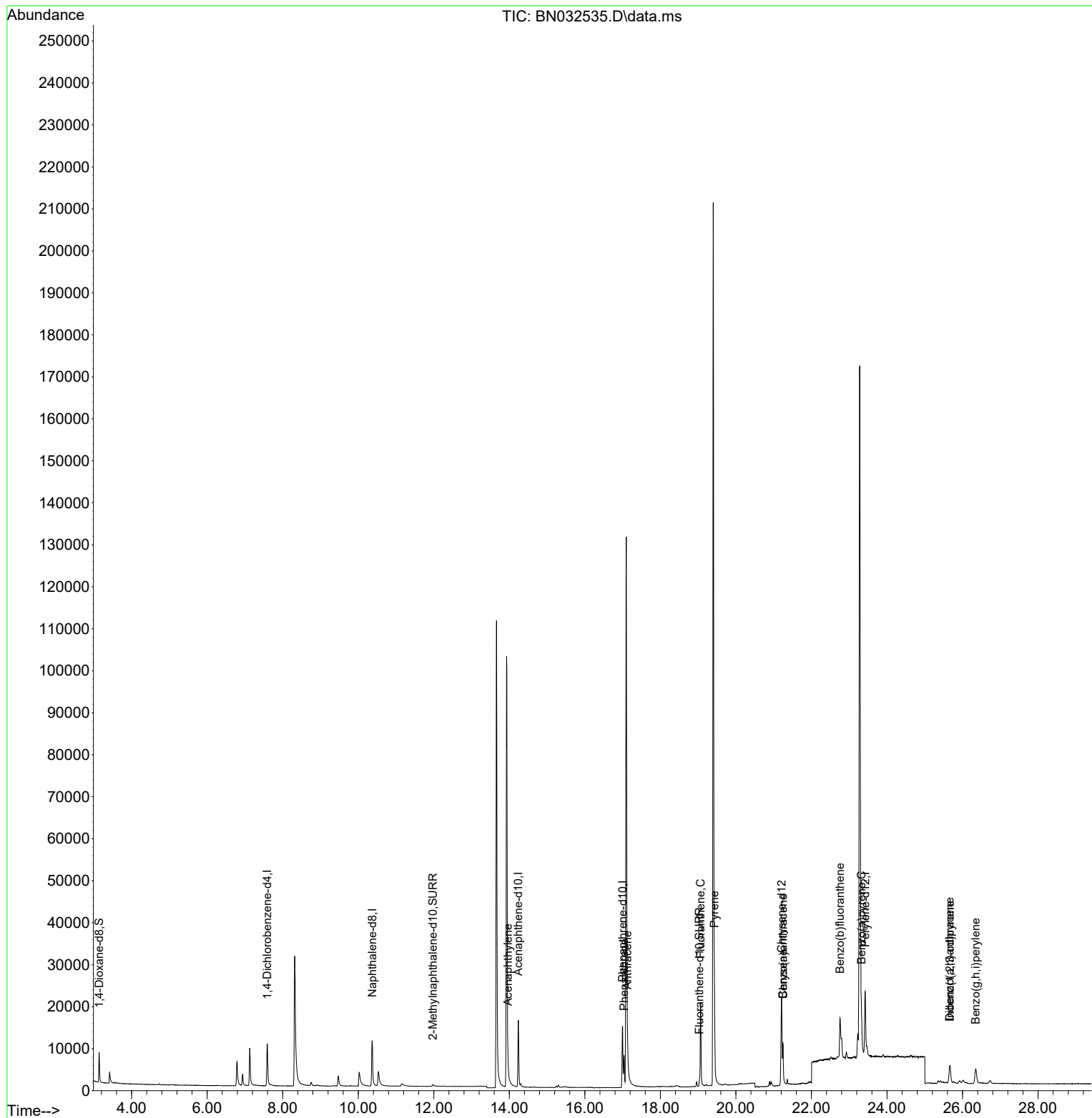
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.591  | 152  | 6308     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.371 | 136  | 18205    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.239 | 164  | 9980     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.999 | 188  | 19441    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.208 | 240  | 18216    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.424 | 264  | 22846    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.139  | 96   | 4964     | 0.708 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.977 | 152  | 1014     | 0.037 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.036 | 212  | 2173     | 0.040 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 10) Acenaphthylene          | 13.962 | 152  | 1011     | 0.024 | ng/ul# | 74       |
| 15) Phenanthrene            | 17.037 | 178  | 8679     | 0.163 | ng/ul  | 98       |
| 16) Anthracene              | 17.130 | 178  | 1967     | 0.041 | ng/ul# | 77       |
| 19) Fluoranthene            | 19.064 | 202  | 20009    | 0.288 | ng/ul  | 95       |
| 20) Pyrene                  | 19.431 | 202  | 18514    | 0.255 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.246 | 228  | 8408     | 0.128 | ng/ul  | 91       |
| 22) Chrysene                | 21.246 | 228  | 9791     | 0.136 | ng/ul  | 94       |
| 24) Benzo(b)fluoranthene    | 22.757 | 252  | 21650    | 0.218 | ng/ul  | 82       |
| 26) Benzo(a)pyrene          | 23.324 | 252  | 9747     | 0.141 | ng/ul# | 78       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.666 | 276  | 8061     | 0.075 | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 25.660 | 278  | 1747     | 0.022 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 26.347 | 276  | 7978     | 0.093 | ng/ul# | 87       |
| -----                       |        |      |          |       |        |          |

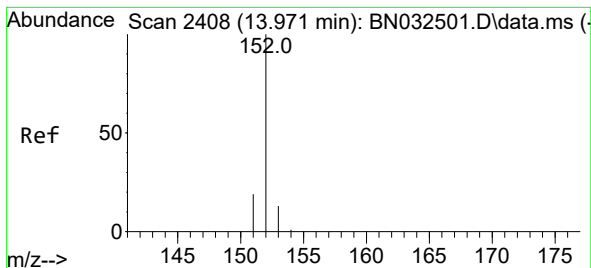
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070524\  
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ALS Vial : 36 Sample Multiplier: 1

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A4CE4DL

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN062724.M  
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QLast Update : Wed Jul 03 03:26:42 2024  
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#10

Acenaphthylene

Concen: 0.024 ng/ul

RT: 13.962 min Scan# 2406

Delta R.T. -0.009 min

Lab File: BN032535.D

Acq: 06 Jul 2024 08:11

Instrument :

BNA\_N

ClientSampleId :

A4CE4DL

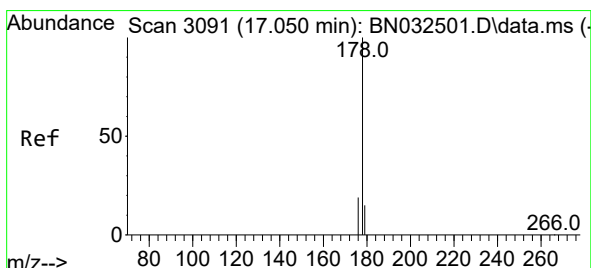
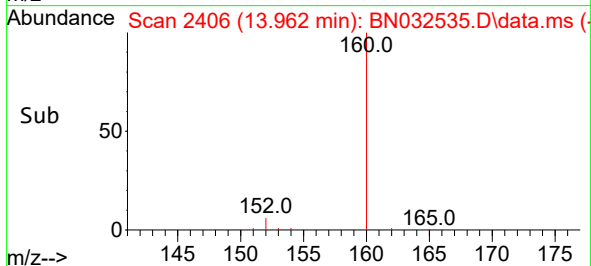
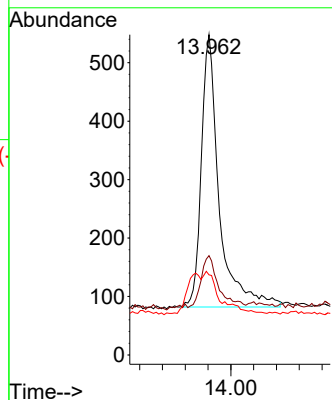
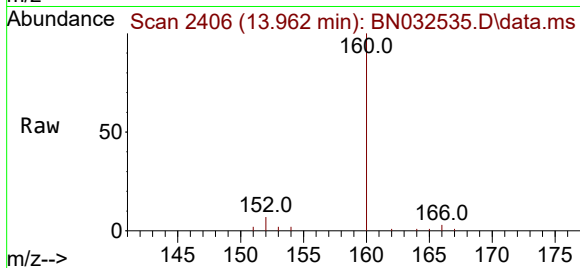
Tgt Ion:152 Resp: 1011

Ion Ratio Lower Upper

152 100

151 31.0 15.7 23.5#

153 25.0 10.9 16.3#



#15

Phenanthrene

Concen: 0.163 ng/ul

RT: 17.037 min Scan# 3088

Delta R.T. -0.013 min

Lab File: BN032535.D

Acq: 06 Jul 2024 08:11

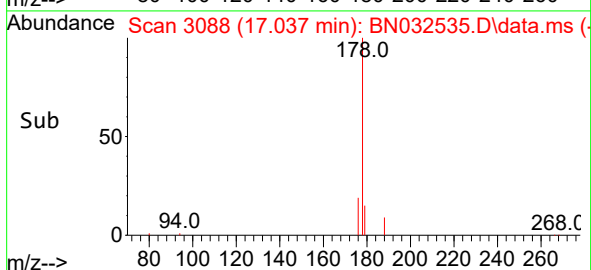
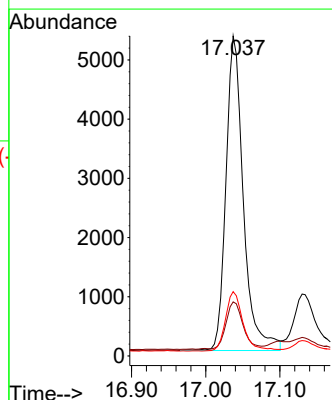
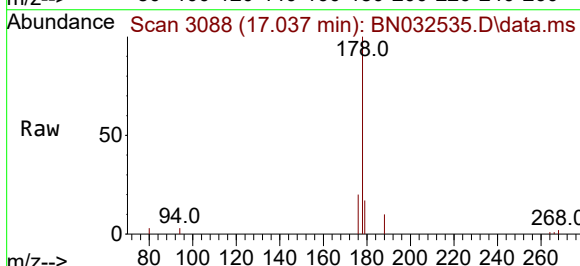
Tgt Ion:178 Resp: 8679

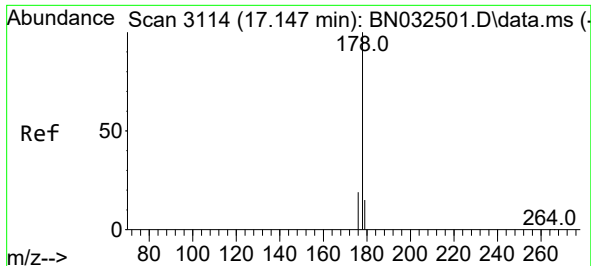
Ion Ratio Lower Upper

178 100

179 16.9 12.6 18.8

176 20.1 15.6 23.4

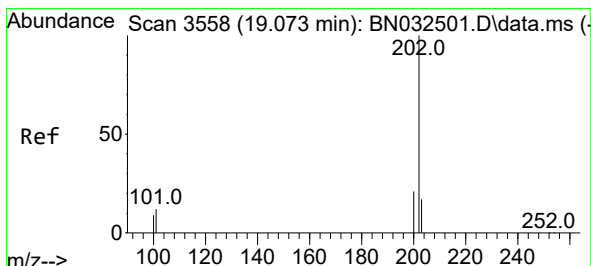
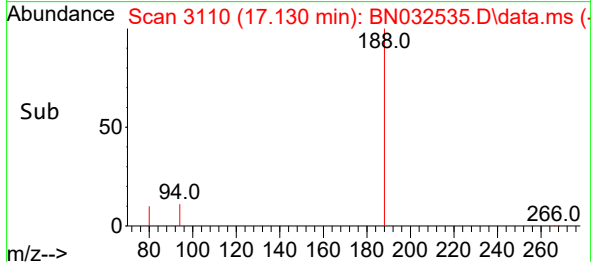
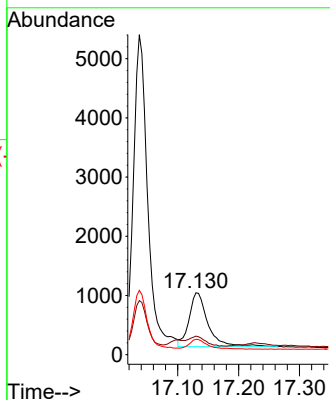
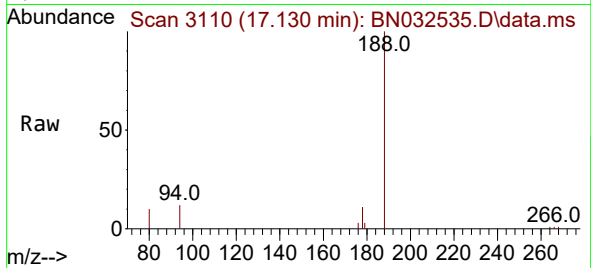




#16  
 Anthracene  
 Concen: 0.041 ng/ul  
 RT: 17.130 min Scan# 3110  
 Delta R.T. -0.013 min  
 Lab File: BN032535.D  
 Acq: 06 Jul 2024 08:11

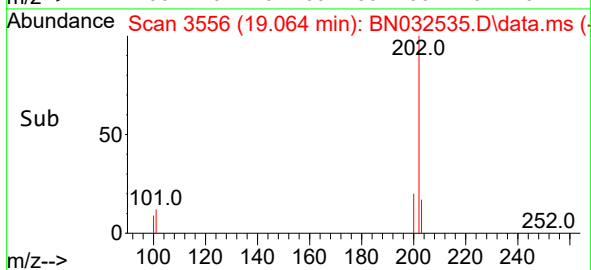
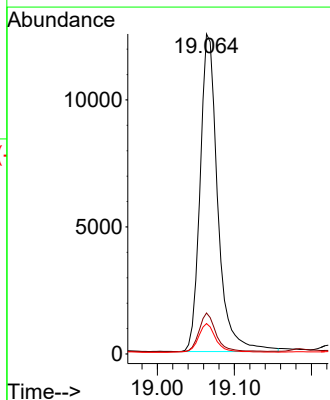
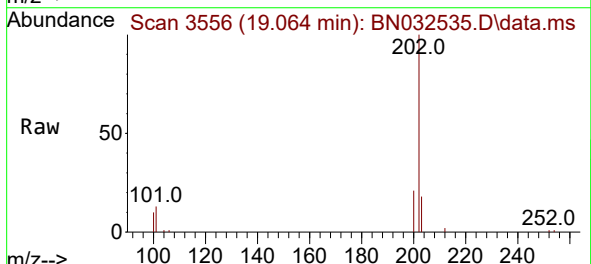
Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4CE4DL

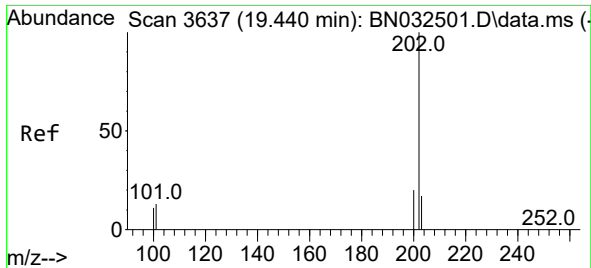
Tgt Ion:178 Resp: 1967  
 Ion Ratio Lower Upper  
 178 100  
 179 30.1 12.5 18.7#  
 176 25.0 15.0 22.6#



#19  
 Fluoranthene  
 Concen: 0.288 ng/ul  
 RT: 19.064 min Scan# 3556  
 Delta R.T. -0.009 min  
 Lab File: BN032535.D  
 Acq: 06 Jul 2024 08:11

Tgt Ion:202 Resp: 20009  
 Ion Ratio Lower Upper  
 202 100  
 101 12.8 8.8 13.2  
 100 9.5 6.4 9.6

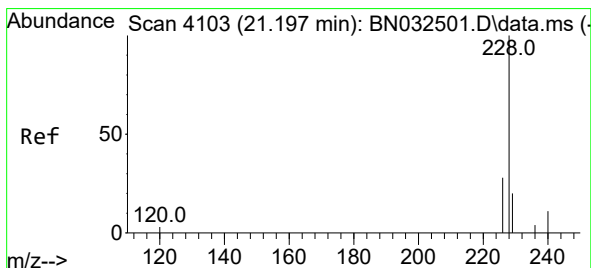
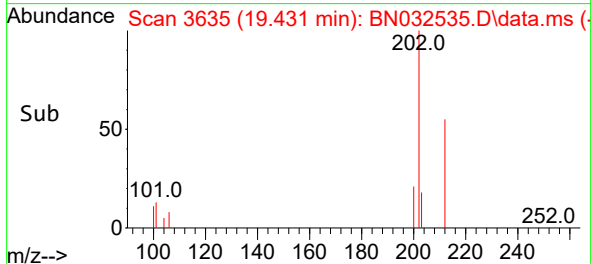
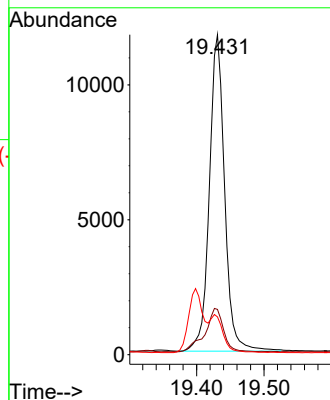
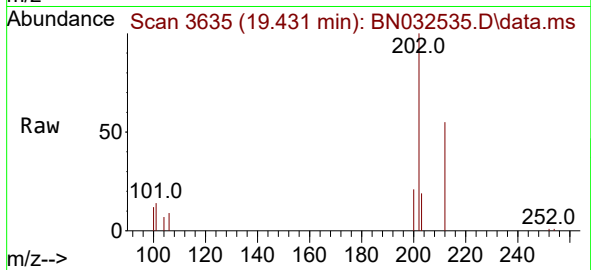




#20  
Pyrene  
Concen: 0.255 ng/ul  
RT: 19.431 min Scan# 30  
Delta R.T. -0.009 min  
Lab File: BN032535.D  
Acq: 06 Jul 2024 08:11

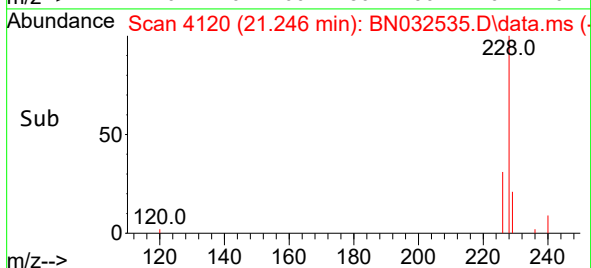
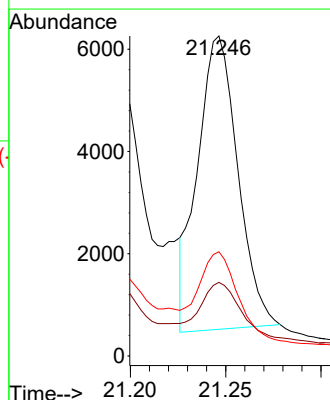
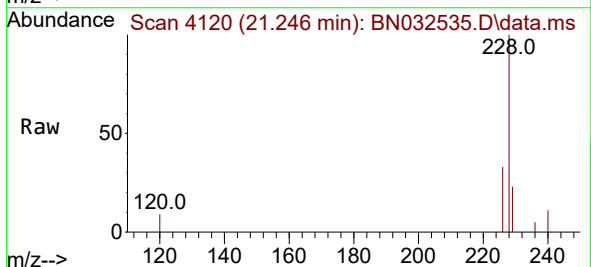
Instrument :  
BNA\_N  
ClientSampleId :  
A4CE4DL

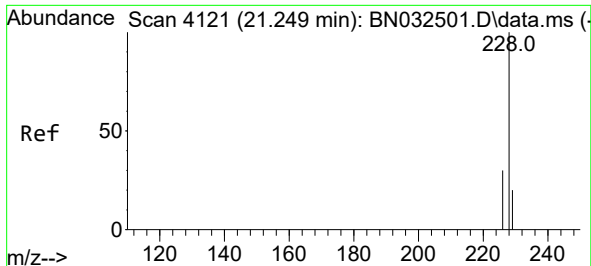
Tgt Ion:202 Resp: 18514  
Ion Ratio Lower Upper  
202 100  
101 14.2 11.0 16.4  
100 11.8 8.7 13.1



#21  
Benzo(a)anthracene  
Concen: 0.128 ng/ul  
RT: 21.246 min Scan# 4120  
Delta R.T. 0.055 min  
Lab File: BN032535.D  
Acq: 06 Jul 2024 08:11

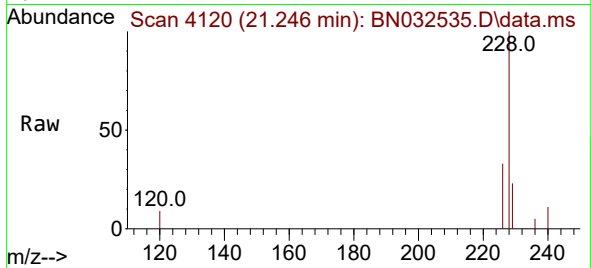
Tgt Ion:228 Resp: 8408  
Ion Ratio Lower Upper  
228 100  
229 23.0 15.7 23.5  
226 32.6 21.8 32.8



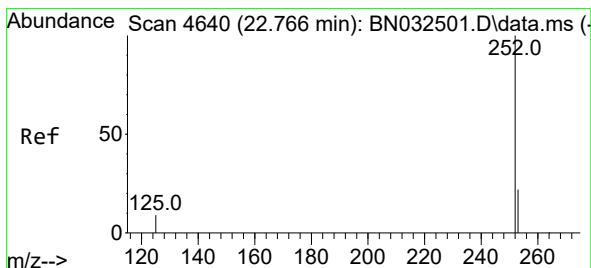
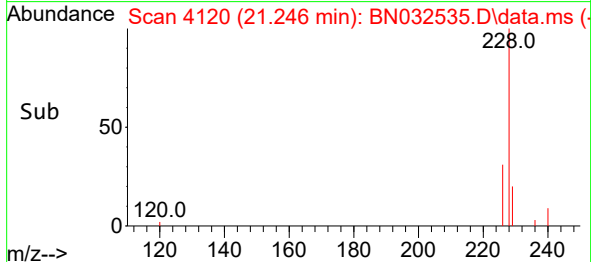
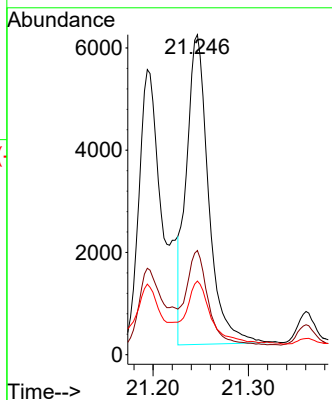


#22  
Chrysene  
Concen: 0.136 ng/ul  
RT: 21.246 min Scan# 4121  
Delta R.T. 0.003 min  
Lab File: BN032535.D  
Acq: 06 Jul 2024 08:11

Instrument :  
BNA\_N  
ClientSampleId :  
A4CE4DL

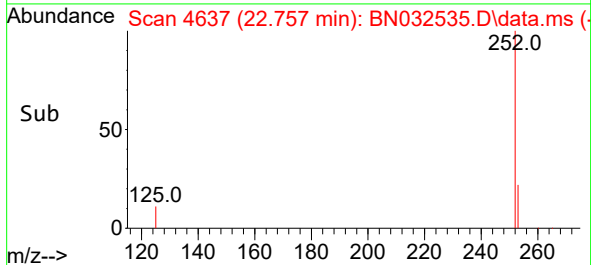
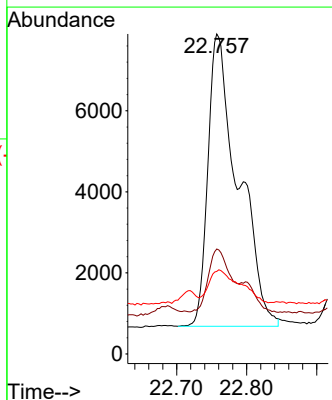
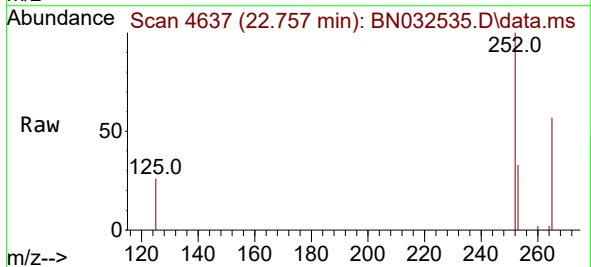


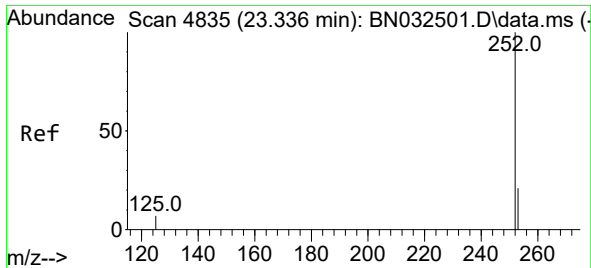
Tgt Ion:228 Resp: 9791  
Ion Ratio Lower Upper  
228 100  
226 32.6 23.6 35.4  
229 23.0 15.7 23.5



#24  
Benzo(b)fluoranthene  
Concen: 0.218 ng/ul  
RT: 22.757 min Scan# 4637  
Delta R.T. -0.000 min  
Lab File: BN032535.D  
Acq: 06 Jul 2024 08:11

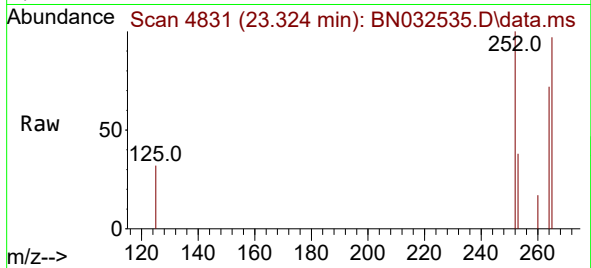
Tgt Ion:252 Resp: 21650  
Ion Ratio Lower Upper  
252 100  
253 32.8 0.0 50.2  
125 25.8 0.0 32.0



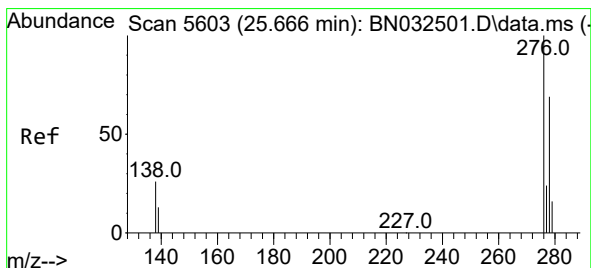
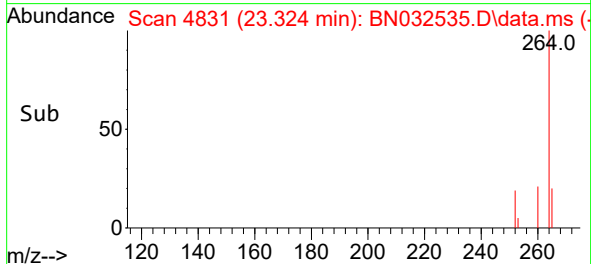
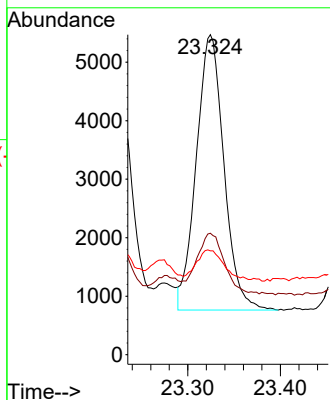


#26  
Benzo(a)pyrene  
Concen: 0.141 ng/ul  
RT: 23.324 min Scan# 4831  
Delta R.T. -0.003 min  
Lab File: BN032535.D  
Acq: 06 Jul 2024 08:11

Instrument :  
BNA\_N  
ClientSampleId :  
A4CE4DL

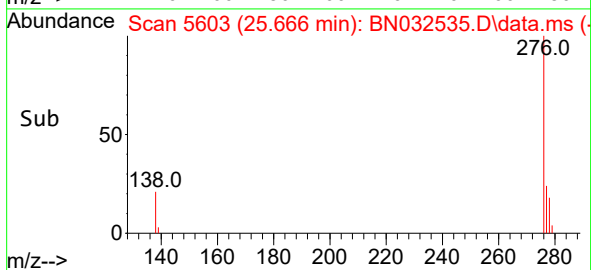
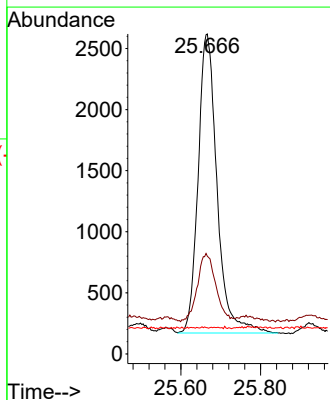
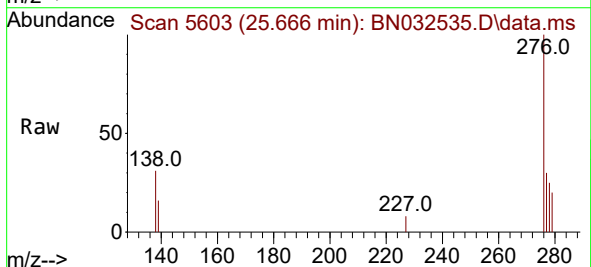


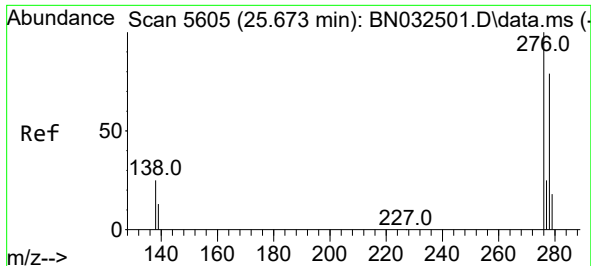
Tgt Ion:252 Resp: 9747  
Ion Ratio Lower Upper  
252 100  
253 38.0 22.2 33.2#  
125 32.5 16.4 24.6#



#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.075 ng/ul  
RT: 25.666 min Scan# 5603  
Delta R.T. 0.007 min  
Lab File: BN032535.D  
Acq: 06 Jul 2024 08:11

Tgt Ion:276 Resp: 8061  
Ion Ratio Lower Upper  
276 100  
138 22.5 21.3 31.9  
227 0.2 0.1 0.1#

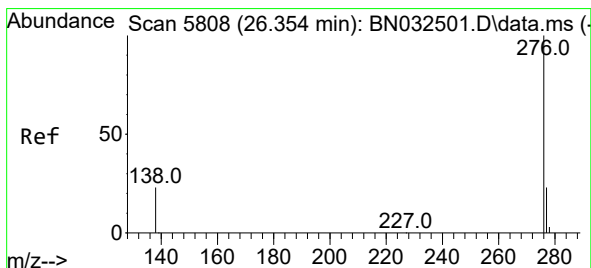
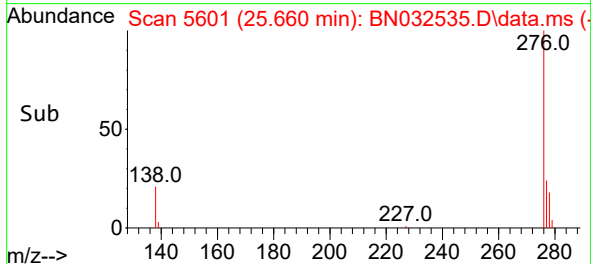
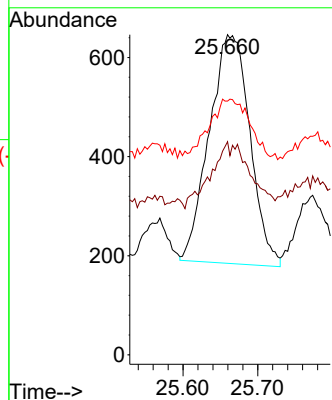
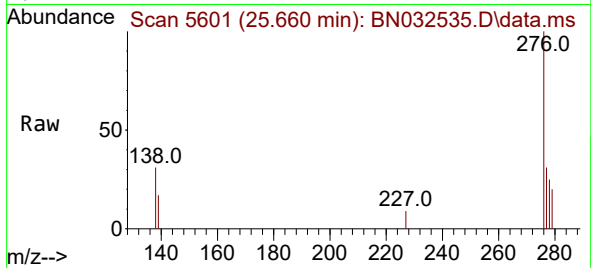




#28  
Dibenzo(a,h)anthracene  
Concen: 0.022 ng/ul  
RT: 25.660 min Scan# 5601  
Delta R.T. -0.007 min  
Lab File: BN032535.D  
Acq: 06 Jul 2024 08:11

Instrument :  
BNA\_N  
ClientSampleId :  
A4CE4DL

Tgt Ion:278 Resp: 1747  
Ion Ratio Lower Upper  
278 100  
139 66.6 15.9 23.9#  
279 79.3 21.1 31.7#



#29  
Benzo(g,h,i)perylene  
Concen: 0.093 ng/ul  
RT: 26.347 min Scan# 5806  
Delta R.T. 0.003 min  
Lab File: BN032535.D  
Acq: 06 Jul 2024 08:11

Tgt Ion:276 Resp: 7978  
Ion Ratio Lower Upper  
276 100  
138 31.7 19.8 29.6#  
277 30.8 19.8 29.6#

