

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072624\  
 Data File : BN032993.D  
 Acq On : 26 Jul 2024 12:42  
 Operator : MA/JU  
 Sample : P3264-06DL 10X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A4DQ7DL

Quant Time: Jul 26 13:10:21 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN072524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 25 15:43:00 2024  
 Response via : Initial Calibration

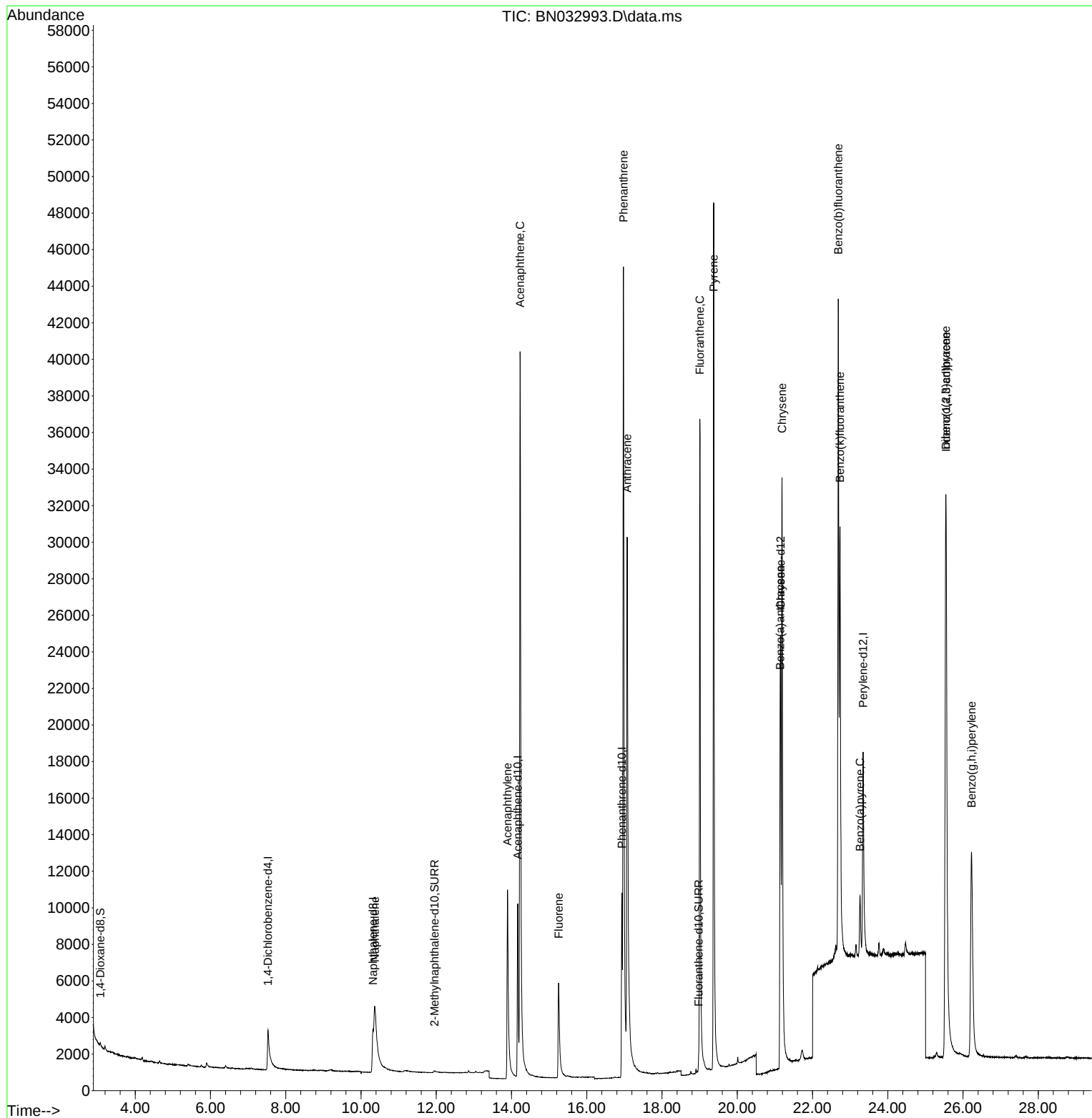
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.528  | 152  | 2861     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.317 | 136  | 9819     | 0.400 | ng/ul  | 0.02     |
| 9) Acenaphthene-d10         | 14.166 | 164  | 7334     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.933 | 188  | 16006    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.151 | 240  | 15339    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.343 | 264  | 18857    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.069  | 96   | 147      | 0.041 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.950 | 152  | 398      | 0.025 | ng/ul  | 0.04     |
| 18) Fluoranthene-d10        | 18.977 | 212  | 1483     | 0.034 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.366 | 128  | 11187    | 0.444 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.893 | 152  | 19552    | 0.651 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.226 | 153  | 33930    | 1.503 | ng/ul  | 99       |
| 12) Fluorene                | 15.253 | 166  | 6446     | 0.245 | ng/ul  | 100      |
| 15) Phenanthrene            | 16.975 | 178  | 64307    | 1.498 | ng/ul  | 97       |
| 16) Anthracene              | 17.072 | 178  | 51922    | 1.345 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.005 | 202  | 40859    | 0.809 | ng/ul  | 99       |
| 20) Pyrene                  | 19.372 | 202  | 50934    | 0.940 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.137 | 228  | 19358    | 0.370 | ng/ul  | 99       |
| 22) Chrysene                | 21.189 | 228  | 41139    | 0.674 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.685 | 252  | 47867    | 0.869 | ng/ul  | 87       |
| 25) Benzo(k)fluoranthene    | 22.729 | 252  | 40629    | 0.615 | ng/ul# | 88       |
| 26) Benzo(a)pyrene          | 23.261 | 252  | 6086     | 0.117 | ng/ul# | 68       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.547 | 276  | 43207    | 0.548 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 25.544 | 278  | 34543    | 0.553 | ng/ul# | 91       |
| 29) Benzo(g,h,i)perylene    | 26.225 | 276  | 30301    | 0.484 | ng/ul  | 95       |
| -----                       |        |      |          |       |        |          |

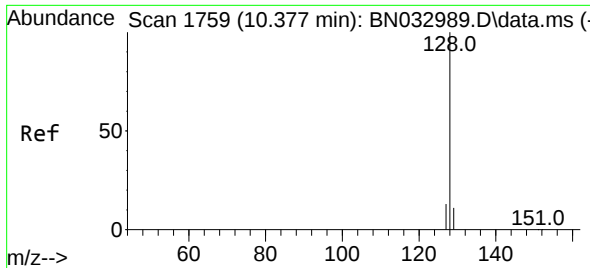
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072624\  
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Operator : MA/JU  
Sample : P3264-06DL 10X  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
A4DQ7DL

Quant Time: Jul 26 13:10:21 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN072524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 25 15:43:00 2024  
Response via : Initial Calibration

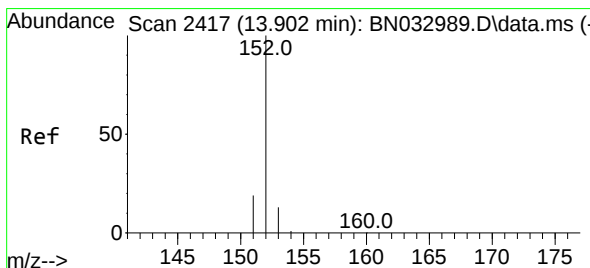
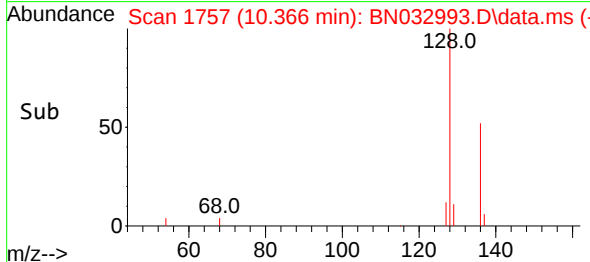
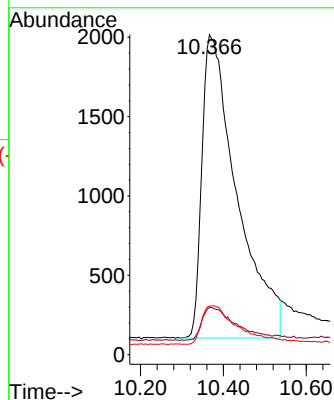
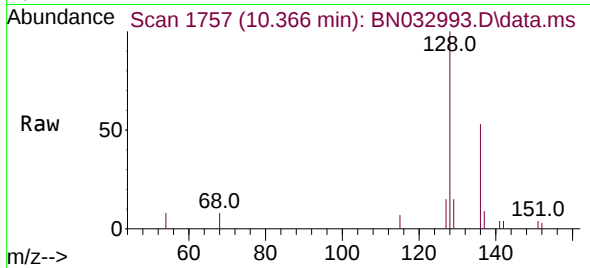




#5  
Naphthalene  
Concen: 0.444 ng/ul  
RT: 10.366 min Scan# 1757  
Delta R.T. 0.017 min  
Lab File: BN032993.D  
Acq: 26 Jul 2024 12:42

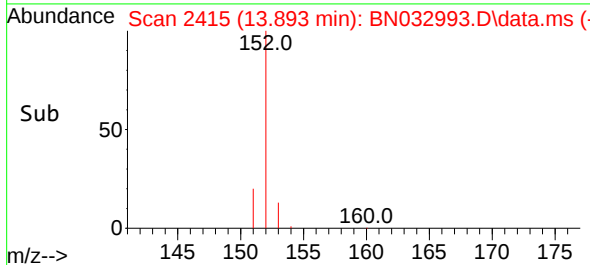
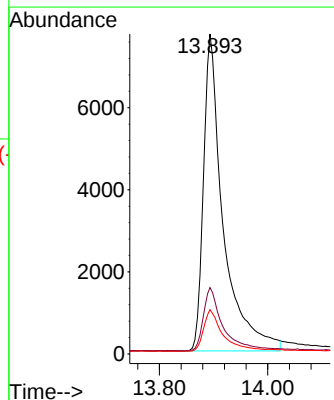
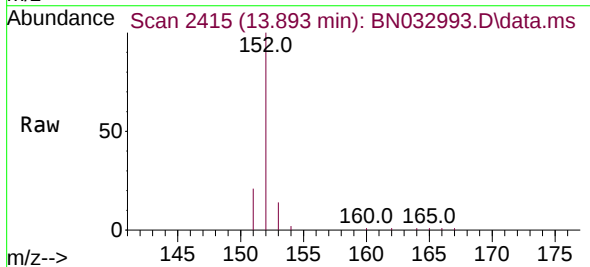
Instrument :  
BNA\_N  
ClientSampleId :  
A4DQ7DL

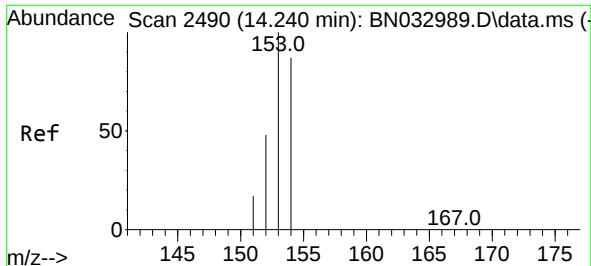
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 11187 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 14.8  | 12.0  | 18.0  |
| 127      | 15.2  | 12.7  | 19.1  |



#10  
Acenaphthylene  
Concen: 0.651 ng/ul  
RT: 13.893 min Scan# 2415  
Delta R.T. -0.005 min  
Lab File: BN032993.D  
Acq: 26 Jul 2024 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 19552 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 20.7  | 16.8  | 25.2  |
| 153      | 13.8  | 11.9  | 17.9  |

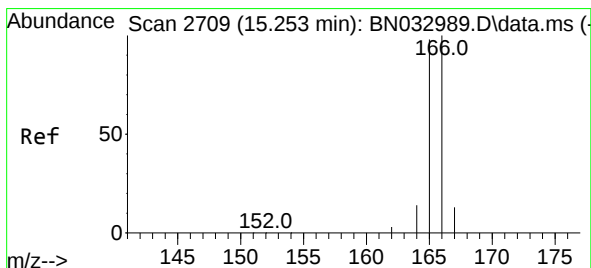
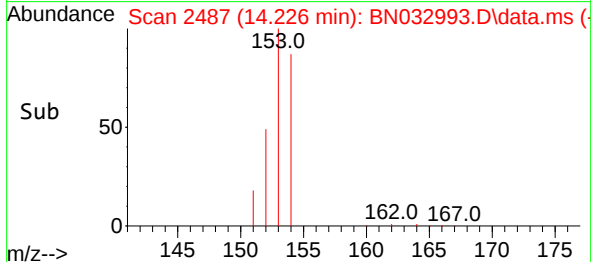
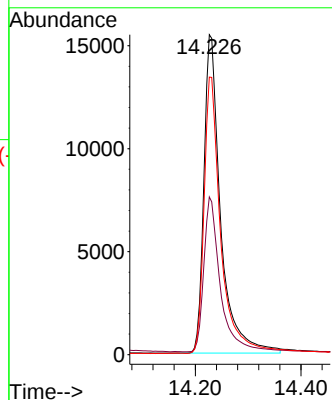
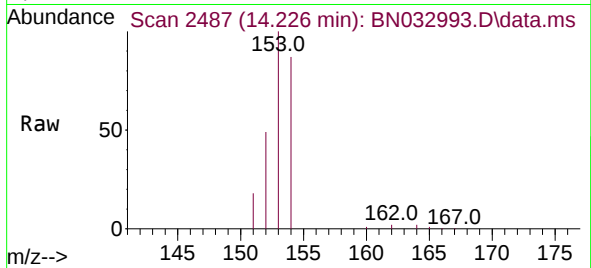




#11  
Acenaphthene  
Concen: 1.503 ng/ul  
RT: 14.226 min Scan# 2490  
Delta R.T. -0.009 min  
Lab File: BN032993.D  
Acq: 26 Jul 2024 12:42

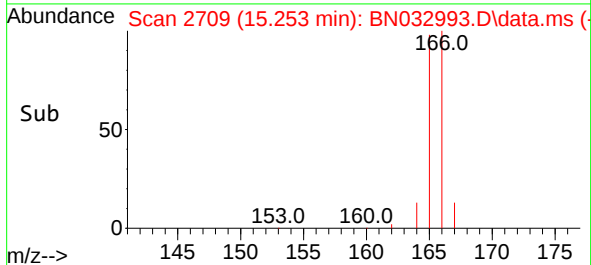
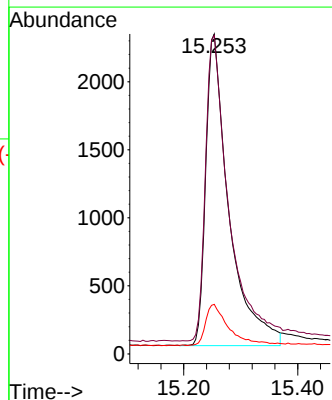
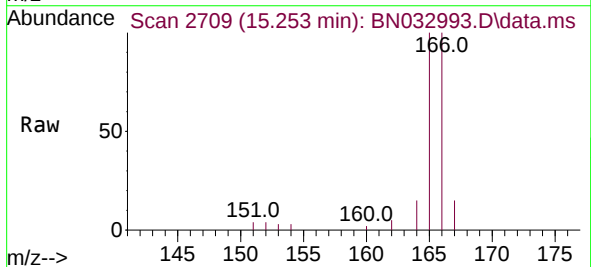
Instrument :  
BNA\_N  
ClientSampleId :  
A4DQ7DL

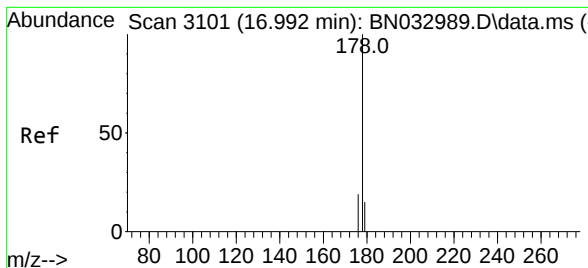
Tgt Ion:153 Resp: 33930  
Ion Ratio Lower Upper  
153 100  
152 49.3 40.0 60.0  
154 86.8 70.1 105.1



#12  
Fluorene  
Concen: 0.245 ng/ul  
RT: 15.253 min Scan# 2709  
Delta R.T. 0.009 min  
Lab File: BN032993.D  
Acq: 26 Jul 2024 12:42

Tgt Ion:166 Resp: 6446  
Ion Ratio Lower Upper  
166 100  
165 99.5 79.6 119.4  
167 15.5 12.2 18.4





#15

Phenanthrene

Concen: 1.498 ng/ul

RT: 16.975 min Scan# 3101

Delta R.T. -0.013 min

Lab File: BN032993.D

Acq: 26 Jul 2024 12:42

Instrument :

BNA\_N

ClientSampleId :

A4DQ7DL

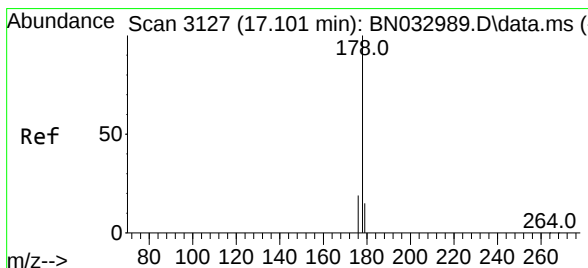
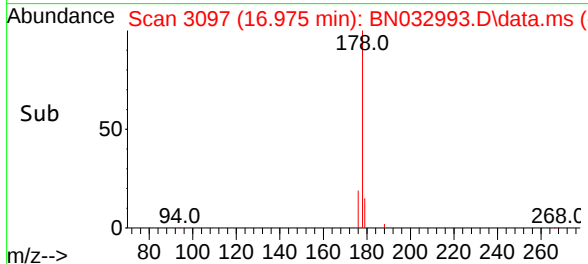
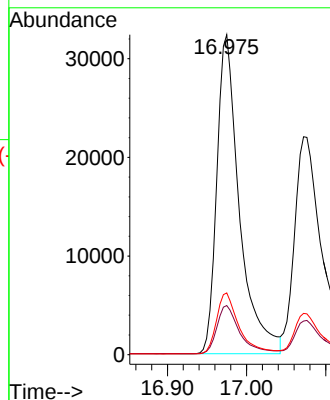
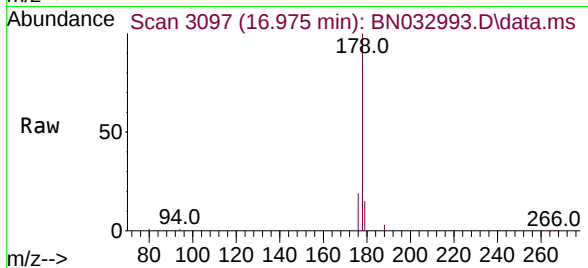
Tgt Ion:178 Resp: 64307

Ion Ratio Lower Upper

178 100

179 15.3 13.7 20.5

176 19.3 15.9 23.9



#16

Anthracene

Concen: 1.345 ng/ul

RT: 17.072 min Scan# 3120

Delta R.T. -0.013 min

Lab File: BN032993.D

Acq: 26 Jul 2024 12:42

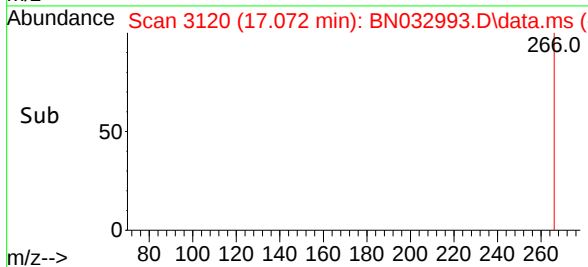
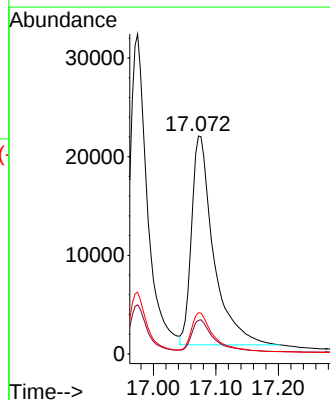
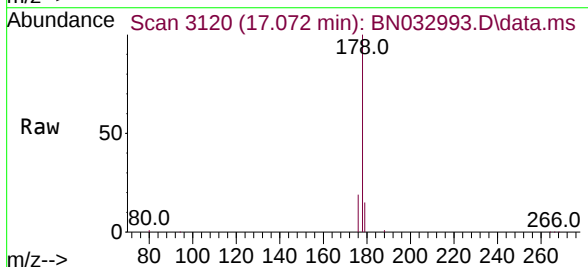
Tgt Ion:178 Resp: 51922

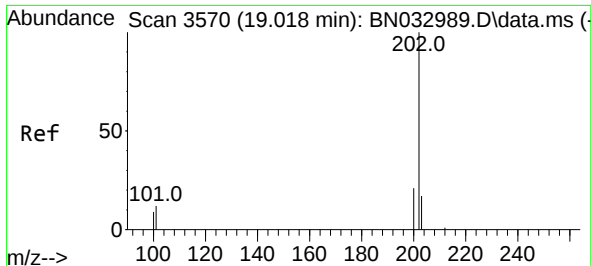
Ion Ratio Lower Upper

178 100

179 15.4 14.3 21.5

176 19.0 15.8 23.8





#19

Fluoranthene

Concen: 0.809 ng/ul

RT: 19.005 min Scan# 3567

Delta R.T. -0.009 min

Lab File: BN032993.D

Acq: 26 Jul 2024 12:42

Instrument :

BNA\_N

ClientSampleId :

A4DQ7DL

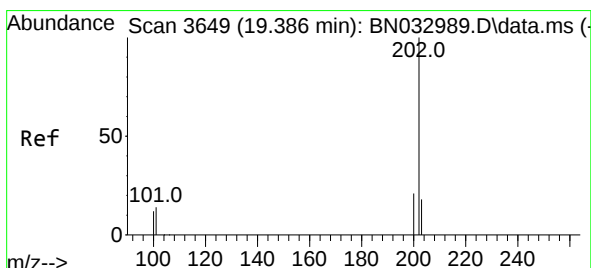
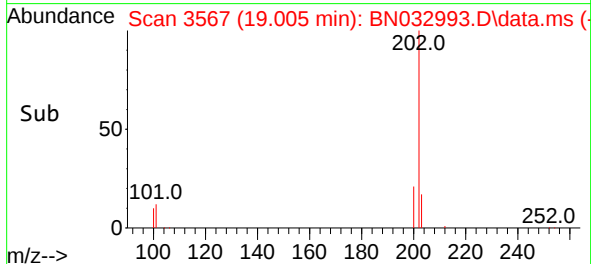
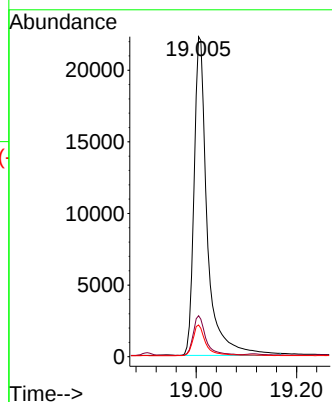
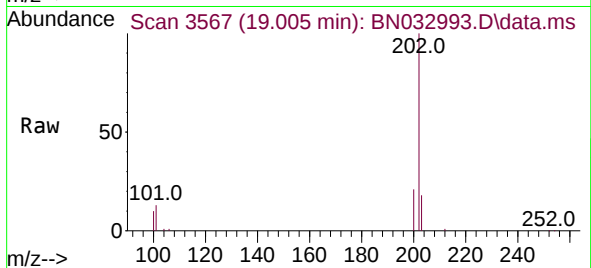
Tgt Ion:202 Resp: 40859

Ion Ratio Lower Upper

202 100

101 12.8 10.7 16.1

100 9.9 8.3 12.5



#20

Pyrene

Concen: 0.940 ng/ul

RT: 19.372 min Scan# 3646

Delta R.T. -0.009 min

Lab File: BN032993.D

Acq: 26 Jul 2024 12:42

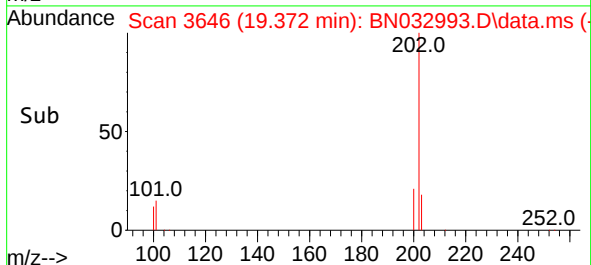
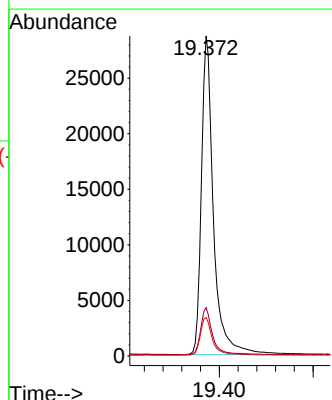
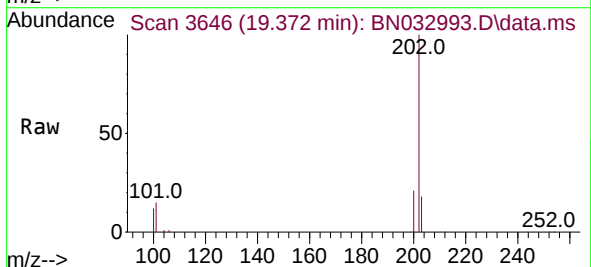
Tgt Ion:202 Resp: 50934

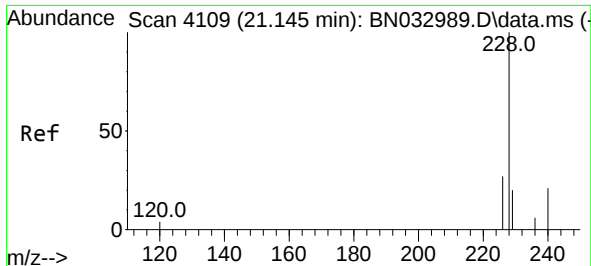
Ion Ratio Lower Upper

202 100

101 15.1 12.6 18.8

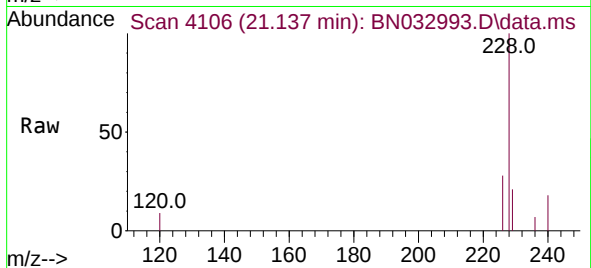
100 12.0 9.9 14.9



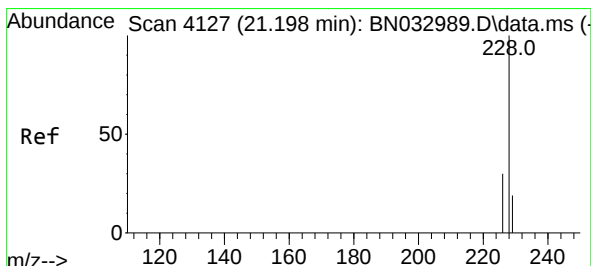
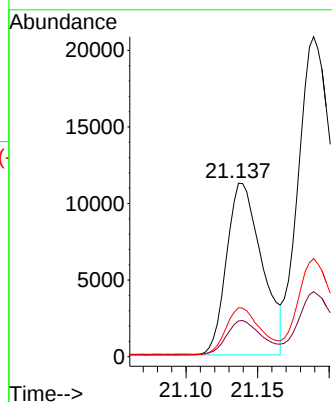
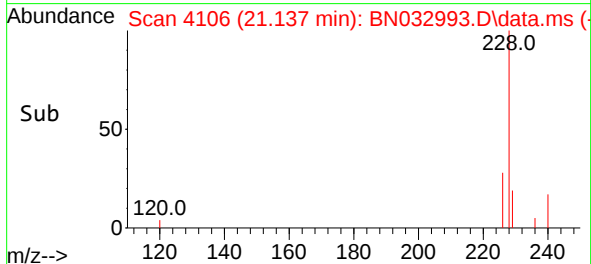


#21  
Benzo(a)anthracene  
Concen: 0.370 ng/ul  
RT: 21.137 min Scan# 4106  
Delta R.T. -0.009 min  
Lab File: BN032993.D  
Acq: 26 Jul 2024 12:42

Instrument :  
BNA\_N  
ClientSampleId :  
A4DQ7DL

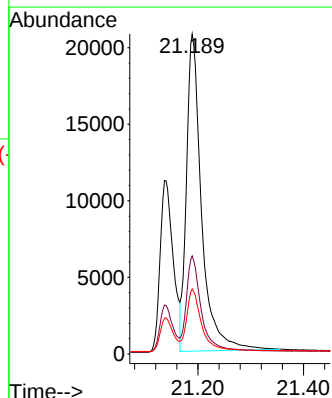
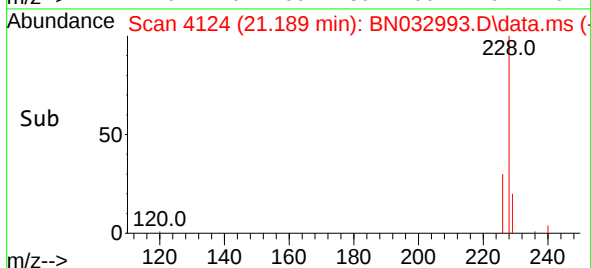
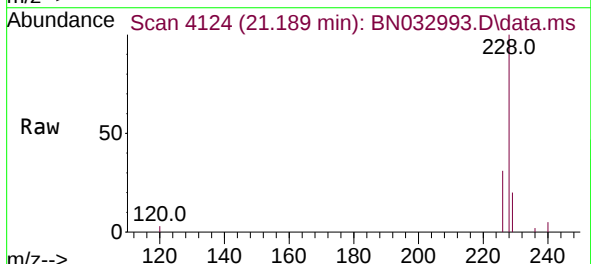


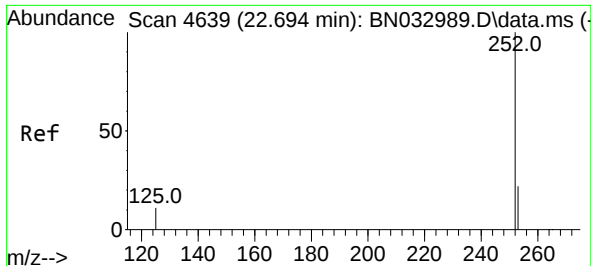
Tgt Ion:228 Resp: 19358  
Ion Ratio Lower Upper  
228 100  
229 20.5 17.1 25.7  
226 28.3 22.4 33.6



#22  
Chrysene  
Concen: 0.674 ng/ul  
RT: 21.189 min Scan# 4124  
Delta R.T. -0.006 min  
Lab File: BN032993.D  
Acq: 26 Jul 2024 12:42

Tgt Ion:228 Resp: 41139  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.7 37.1  
229 20.3 17.0 25.6

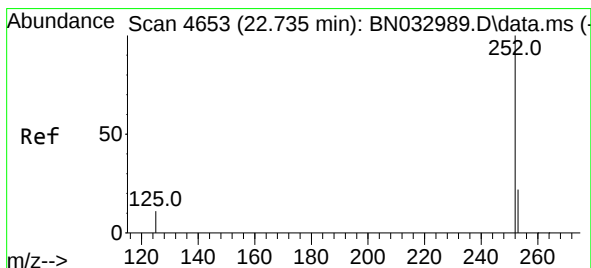
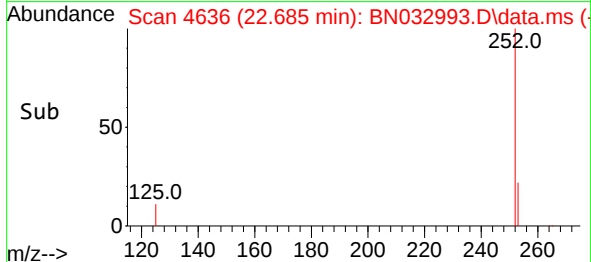
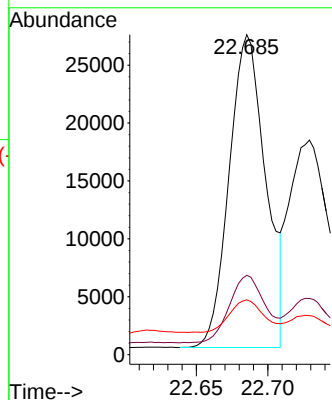
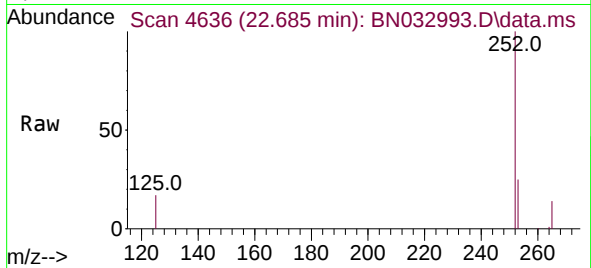




#24  
Benzo(b)fluoranthene  
Concen: 0.869 ng/ul  
RT: 22.685 min Scan# 4636  
Delta R.T. -0.009 min  
Lab File: BN032993.D  
Acq: 26 Jul 2024 12:42

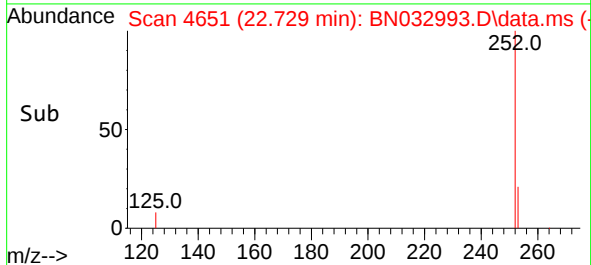
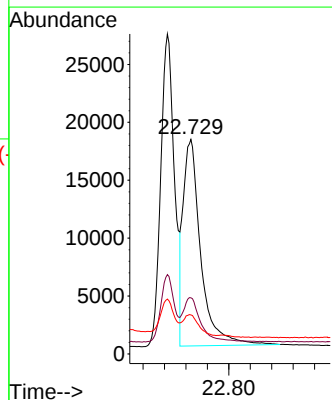
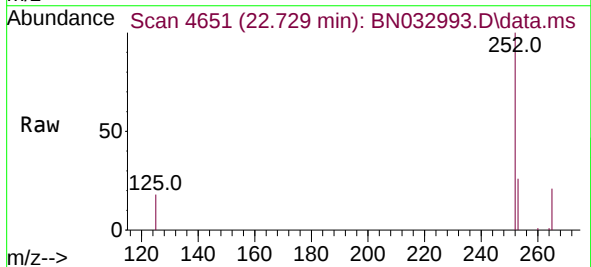
Instrument :  
BNA\_N  
ClientSampleId :  
A4DQ7DL

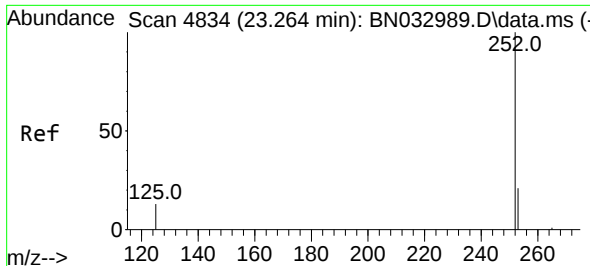
Tgt Ion:252 Resp: 47867  
Ion Ratio Lower Upper  
252 100  
253 24.8 0.0 60.6  
125 17.2 0.0 51.0



#25  
Benzo(k)fluoranthene  
Concen: 0.615 ng/ul  
RT: 22.729 min Scan# 4651  
Delta R.T. -0.006 min  
Lab File: BN032993.D  
Acq: 26 Jul 2024 12:42

Tgt Ion:252 Resp: 40629  
Ion Ratio Lower Upper  
252 100  
253 26.2 24.9 37.3  
125 18.2 20.9 31.3#

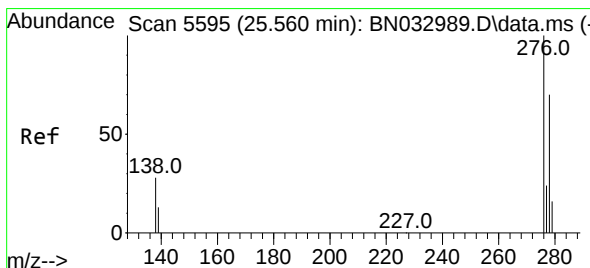
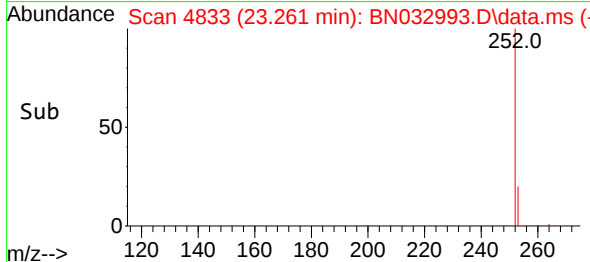
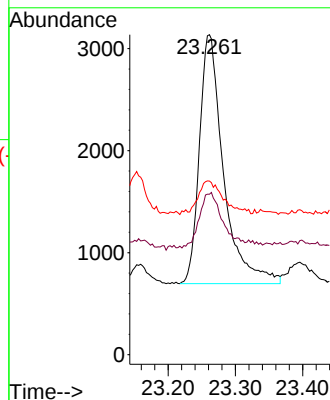
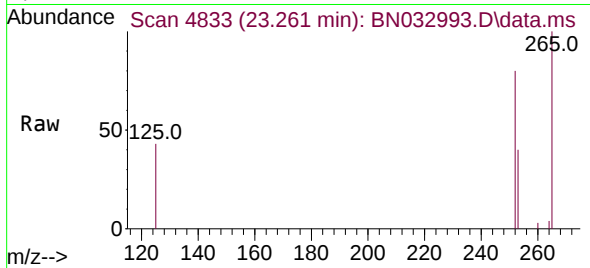




#26  
Benzo(a)pyrene  
Concen: 0.117 ng/ul  
RT: 23.261 min Scan# 4833  
Delta R.T. 0.000 min  
Lab File: BN032993.D  
Acq: 26 Jul 2024 12:42

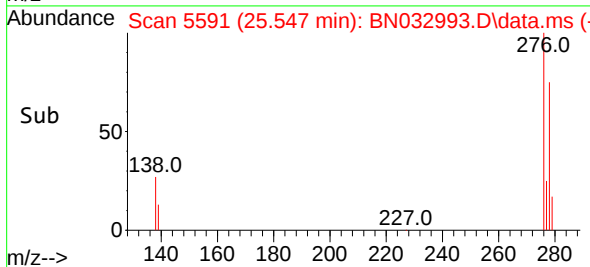
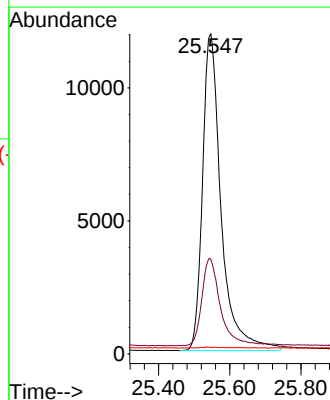
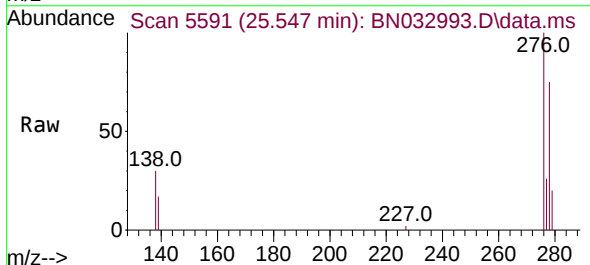
Instrument :  
BNA\_N  
ClientSampleId :  
A4DQ7DL

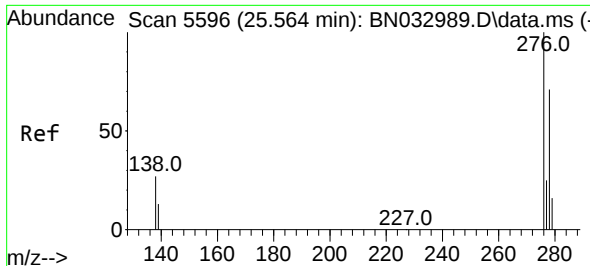
Tgt Ion:252 Resp: 6086  
Ion Ratio Lower Upper  
252 100  
253 50.2 27.5 41.3#  
125 54.3 27.0 40.6#



#27  
Indeno(1,2,3-cd)pyrene  
Concen: 0.548 ng/ul  
RT: 25.547 min Scan# 5591  
Delta R.T. -0.013 min  
Lab File: BN032993.D  
Acq: 26 Jul 2024 12:42

Tgt Ion:276 Resp: 43207  
Ion Ratio Lower Upper  
276 100  
138 27.7 21.8 32.8  
227 0.0 0.2 0.2#

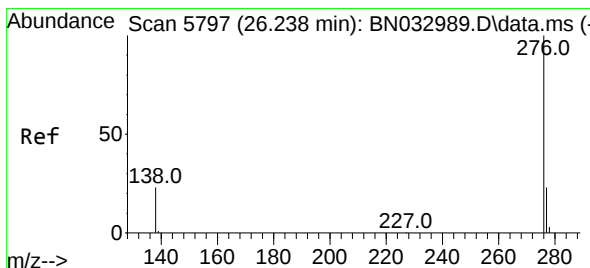
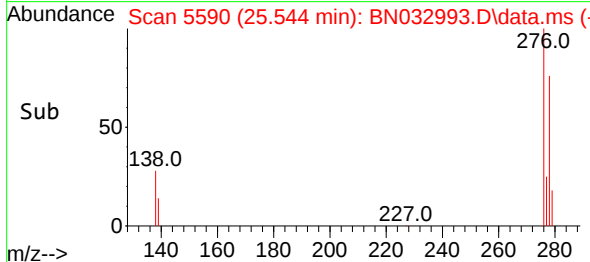
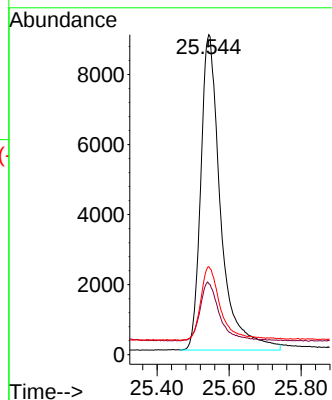
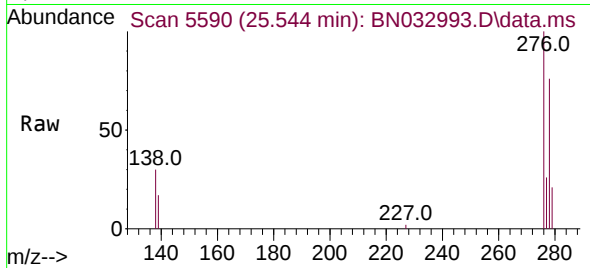




#28  
Dibenzo(a,h)anthracene  
Concen: 0.553 ng/ul  
RT: 25.544 min Scan# 51  
Delta R.T. -0.017 min  
Lab File: BN032993.D  
Acq: 26 Jul 2024 12:42

Instrument :  
BNA\_N  
ClientSampleId :  
A4DQ7DL

Tgt Ion:278 Resp: 34543  
Ion Ratio Lower Upper  
278 100  
139 22.1 22.5 33.7#  
279 27.5 25.5 38.3



#29  
Benzo(g,h,i)perylene  
Concen: 0.484 ng/ul  
RT: 26.225 min Scan# 5793  
Delta R.T. -0.017 min  
Lab File: BN032993.D  
Acq: 26 Jul 2024 12:42

Tgt Ion:276 Resp: 30301  
Ion Ratio Lower Upper  
276 100  
138 27.6 24.6 37.0  
277 25.6 22.6 34.0

