

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092122\  
 Data File : BN021879.D  
 Acq On : 23 Sep 2022 00:24  
 Operator : CG/JU  
 Sample : N4706-06  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Sep 23 02:13:10 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN090822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 20 00:20:21 2022  
 Response via : Initial Calibration

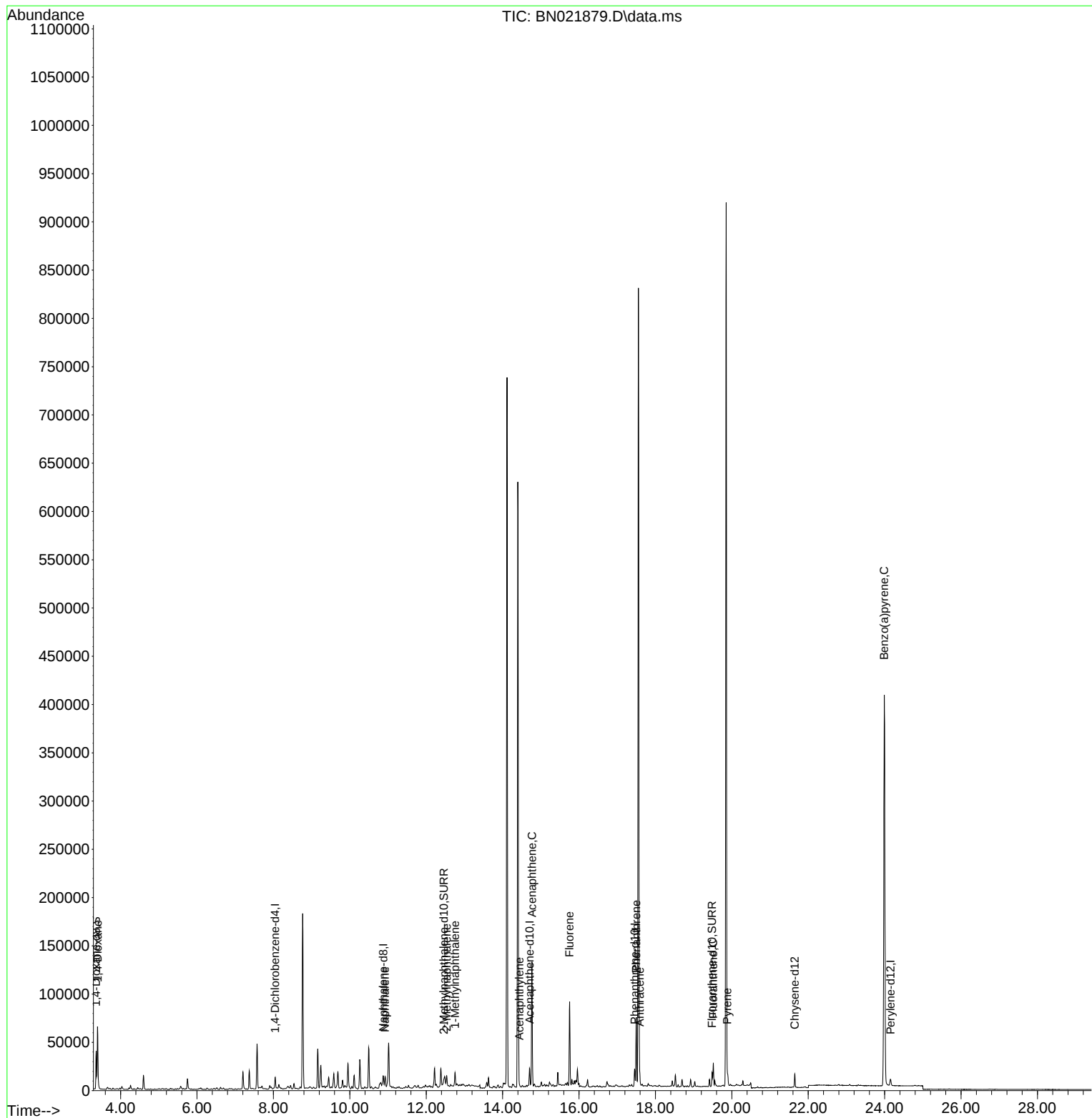
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.046  | 152  | 5286     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.878 | 136  | 17278    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.703 | 164  | 10811    | 0.400 | ng/ul  | # 0.00   |
| 13) Phenanthrene-d10        | 17.456 | 188  | 19911    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.647 | 240  | 12354    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.152 | 264  | 9932     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.359  | 96   | 25920    | 3.986 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.462 | 152  | 6580     | 0.241 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.483 | 212  | 13757    | 0.299 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.397  | 88   | 45557    | 6.830 | ng/ul# | 86       |
| 5) Naphthalene              | 10.922 | 128  | 13174    | 0.270 | ng/ul# | 87       |
| 7) 2-Methylnaphthalene      | 12.539 | 142  | 8084     | 0.255 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.753 | 142  | 8634     | 0.266 | ng/ul  | 96       |
| 10) Acenaphthylene          | 14.439 | 152  | 2051     | 0.045 | ng/ul# | 25       |
| 11) Acenaphthene            | 14.768 | 153  | 73719    | 1.916 | ng/ul  | 98       |
| 12) Fluorene                | 15.753 | 166  | 53443    | 1.238 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.498 | 178  | 76974    | 1.225 | ng/ul  | 99       |
| 16) Anthracene              | 17.586 | 178  | 10675    | 0.205 | ng/ul# | 85       |
| 19) Fluoranthene            | 19.515 | 202  | 12299    | 0.213 | ng/ul# | 1        |
| 20) Pyrene                  | 19.878 | 202  | 8559     | 0.150 | ng/ul# | 69       |
| 26) Benzo(a)pyrene          | 23.989 | 252  | 2301     | 0.063 | ng/ul# | 1        |
| -----                       |        |      |          |       |        |          |

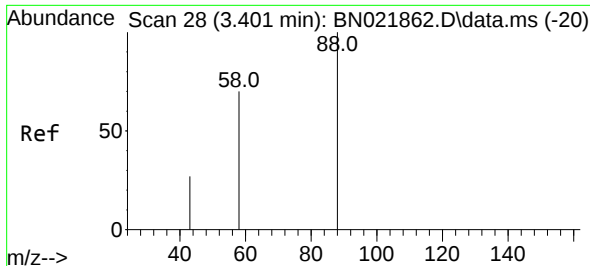
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : CG/JU  
Sample : N4706-06  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

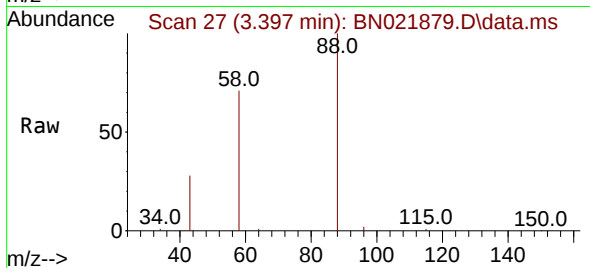
Quant Time: Sep 23 02:13:10 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN090822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 20 00:20:21 2022  
Response via : Initial Calibration



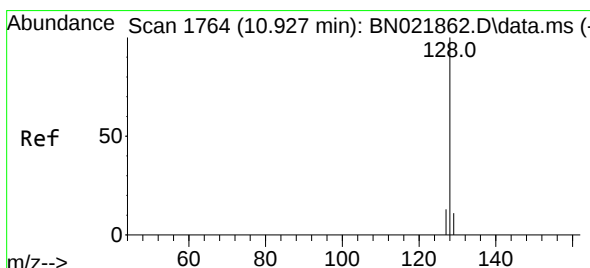
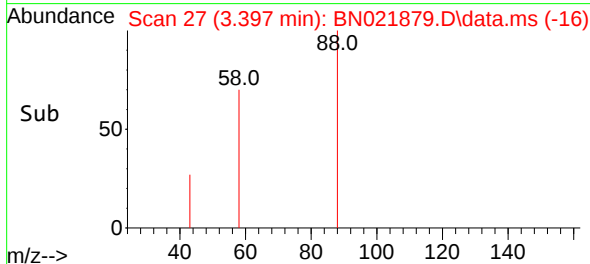
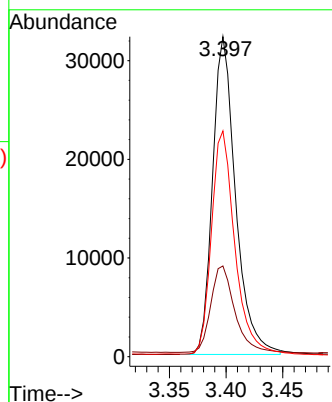


#2  
1,4-Dioxane  
Concen: 6.830 ng/ul  
RT: 3.397 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BN021879.D  
Acq: 23 Sep 2022 00:24

Instrument :  
BNA\_N  
ClientSampleId :

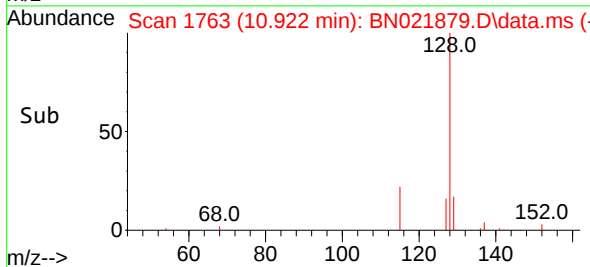
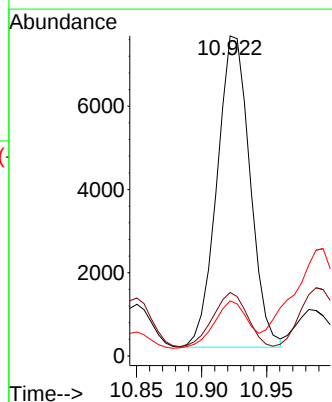
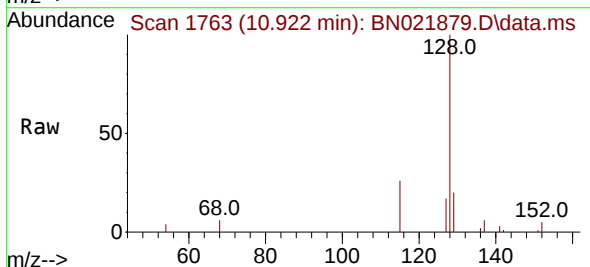


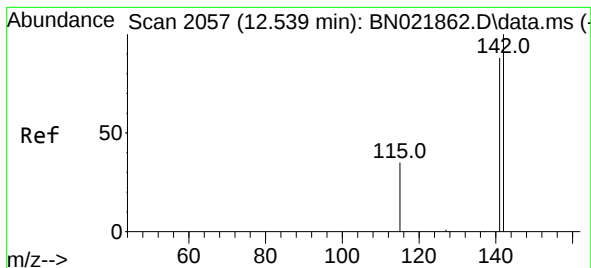
Tgt Ion: 88 Resp: 45557  
Ion Ratio Lower Upper  
88 100  
43 28.4 31.4 47.0#  
58 70.5 49.0 73.6



#5  
Naphthalene  
Concen: 0.270 ng/ul  
RT: 10.922 min Scan# 1763  
Delta R.T. -0.011 min  
Lab File: BN021879.D  
Acq: 23 Sep 2022 00:24

Tgt Ion:128 Resp: 13174  
Ion Ratio Lower Upper  
128 100  
129 19.9 9.8 14.6#  
127 17.2 11.6 17.4

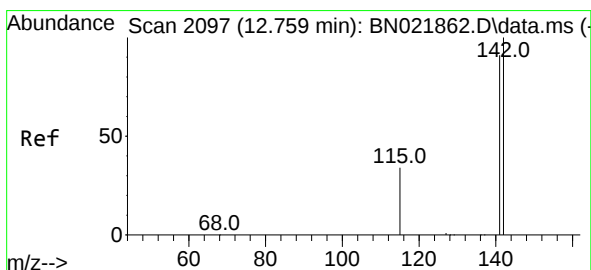
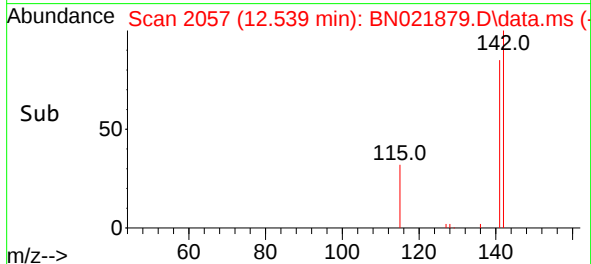
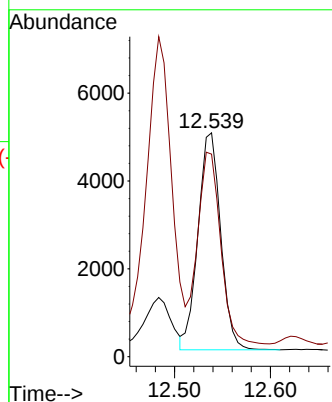
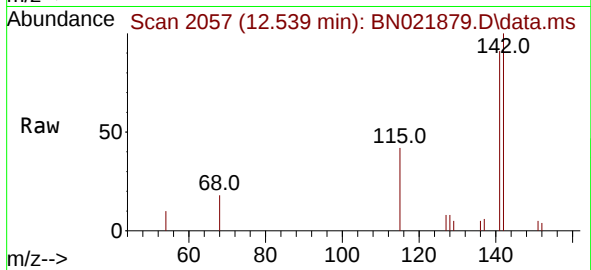




#7  
2-Methylnaphthalene  
Concen: 0.255 ng/ul  
RT: 12.539 min Scan# 2057  
Delta R.T. -0.005 min  
Lab File: BN021879.D  
Acq: 23 Sep 2022 00:24

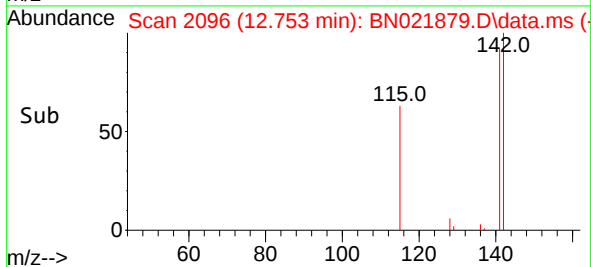
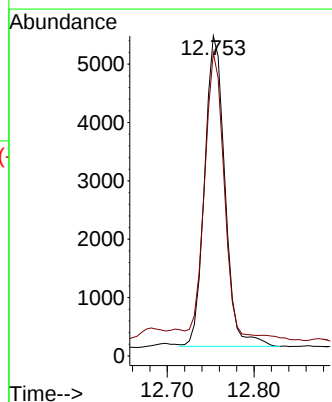
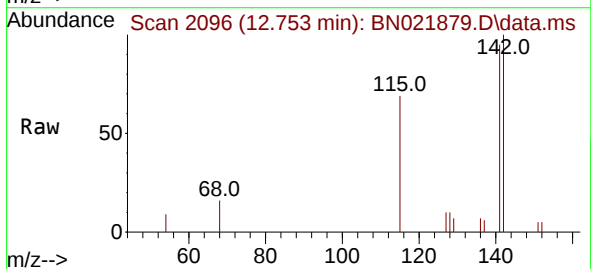
Instrument :  
BNA\_N  
ClientSampleId :

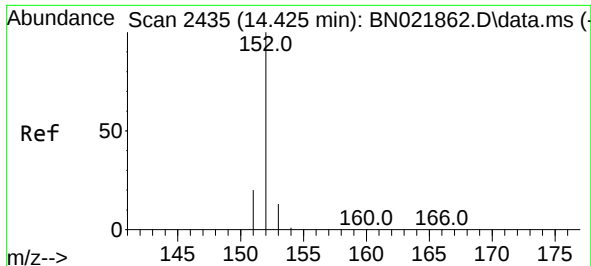
Tgt Ion:142 Resp: 8084  
Ion Ratio Lower Upper  
142 100  
141 89.5 72.2 108.2



#8  
1-Methylnaphthalene  
Concen: 0.266 ng/ul  
RT: 12.753 min Scan# 2096  
Delta R.T. -0.005 min  
Lab File: BN021879.D  
Acq: 23 Sep 2022 00:24

Tgt Ion:142 Resp: 8634  
Ion Ratio Lower Upper  
142 100  
141 88.3 73.9 110.9

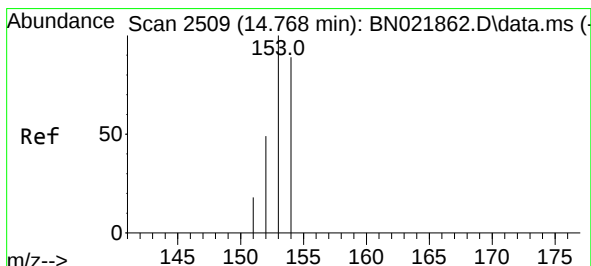
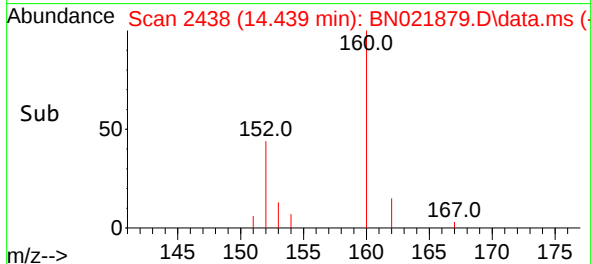
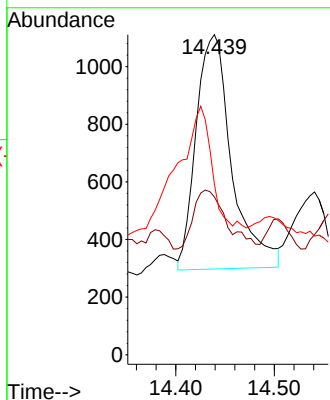
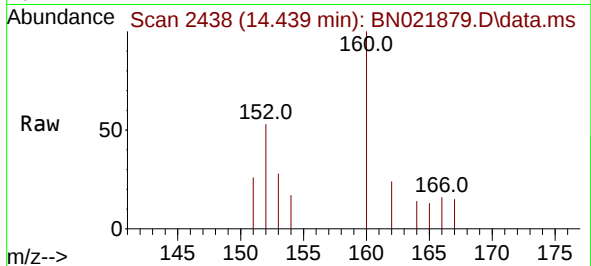




#10  
Acenaphthylene  
Concen: 0.045 ng/ul  
RT: 14.439 min Scan# 2435  
Delta R.T. 0.009 min  
Lab File: BN021879.D  
Acq: 23 Sep 2022 00:24

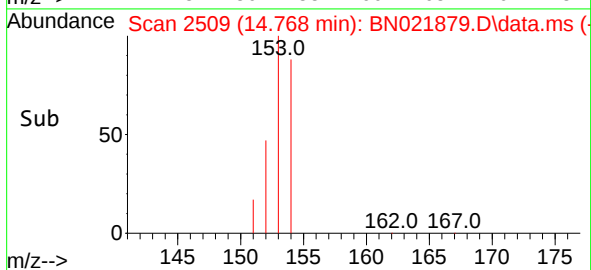
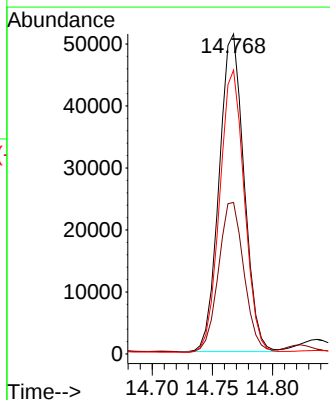
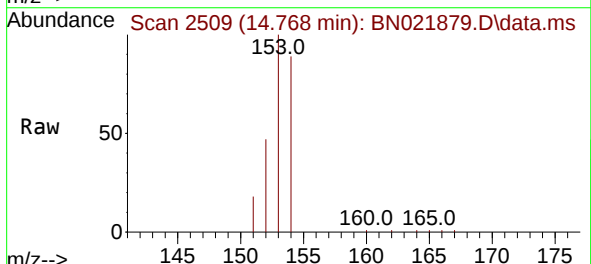
Instrument :  
BNA\_N  
ClientSampleId :

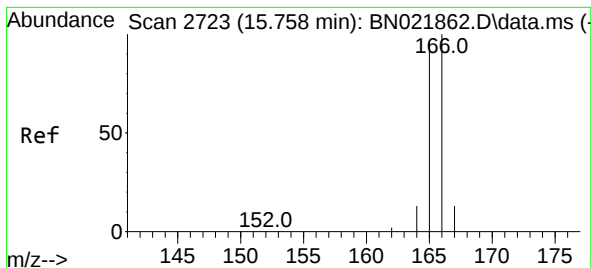
Tgt Ion:152 Resp: 2051  
Ion Ratio Lower Upper  
152 100  
151 49.3 16.9 25.3#  
153 53.4 11.2 16.8#



#11  
Acenaphthene  
Concen: 1.916 ng/ul  
RT: 14.768 min Scan# 2509  
Delta R.T. -0.005 min  
Lab File: BN021879.D  
Acq: 23 Sep 2022 00:24

Tgt Ion:153 Resp: 73719  
Ion Ratio Lower Upper  
153 100  
152 47.4 40.2 60.4  
154 88.7 70.7 106.1





#12

Fluorene

Concen: 1.238 ng/ul

RT: 15.753 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN021879.D

Acq: 23 Sep 2022 00:24

Instrument :

BNA\_N

ClientSampleId :

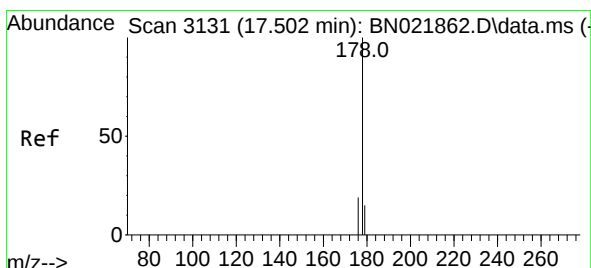
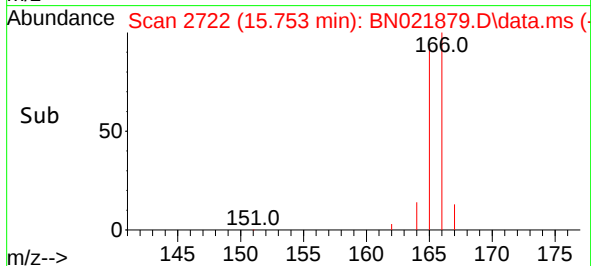
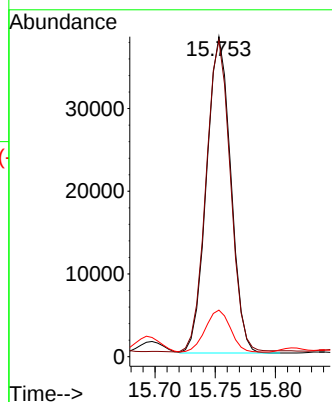
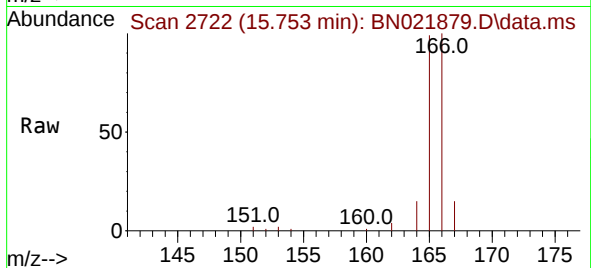
Tgt Ion:166 Resp: 53443

Ion Ratio Lower Upper

166 100

165 98.8 78.6 117.8

167 14.6 11.8 17.6



#15

Phenanthrene

Concen: 1.225 ng/ul

RT: 17.498 min Scan# 3130

Delta R.T. -0.004 min

Lab File: BN021879.D

Acq: 23 Sep 2022 00:24

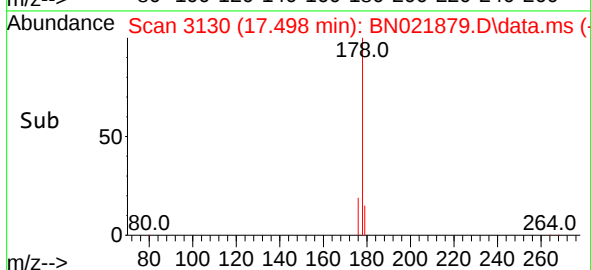
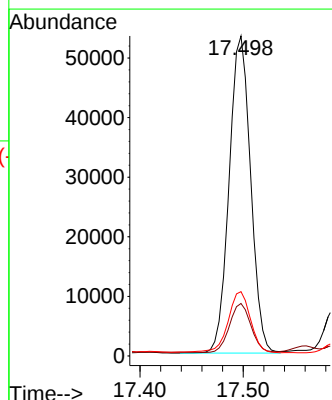
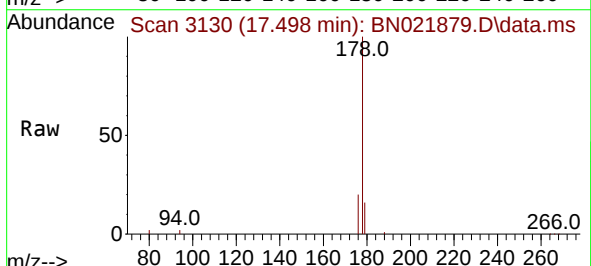
Tgt Ion:178 Resp: 76974

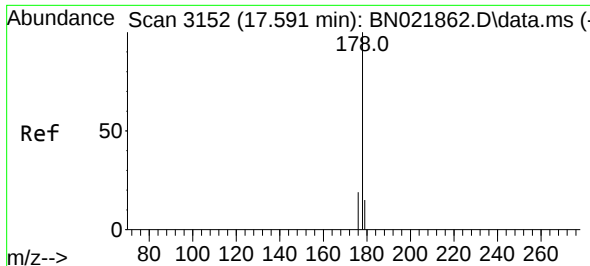
Ion Ratio Lower Upper

178 100

179 16.4 12.8 19.2

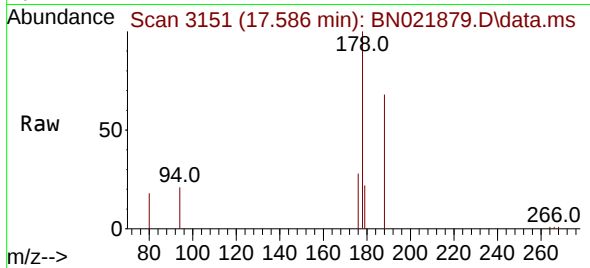
176 20.1 15.9 23.9



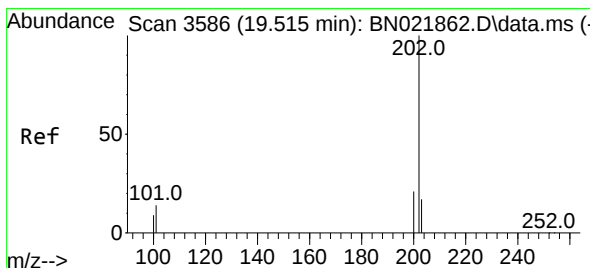
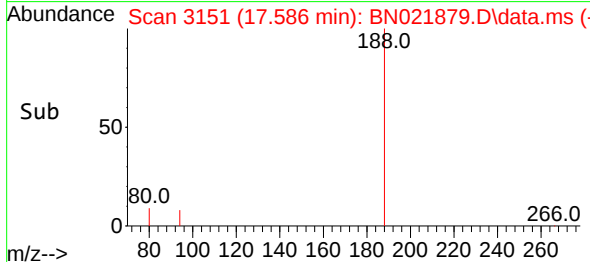
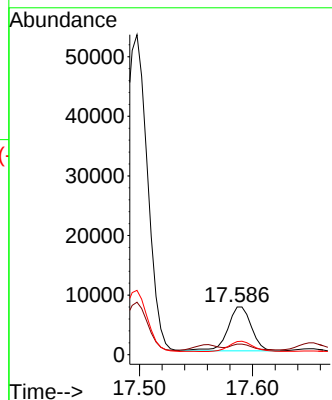


#16  
 Anthracene  
 Concen: 0.205 ng/ul  
 RT: 17.586 min Scan# 3151  
 Delta R.T. -0.008 min  
 Lab File: BN021879.D  
 Acq: 23 Sep 2022 00:24

Instrument :  
 BNA\_N  
 ClientSampleId :

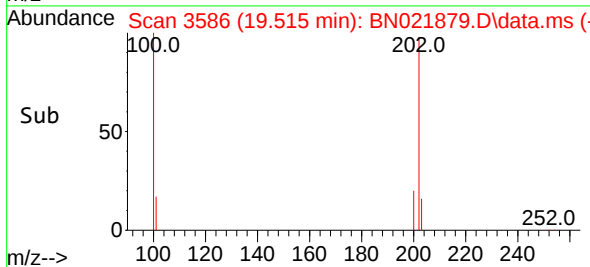
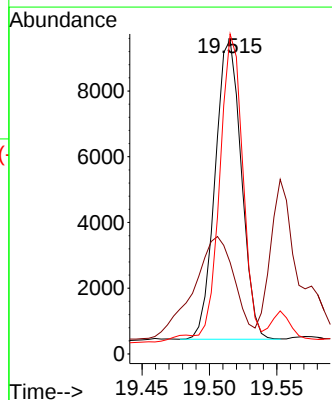
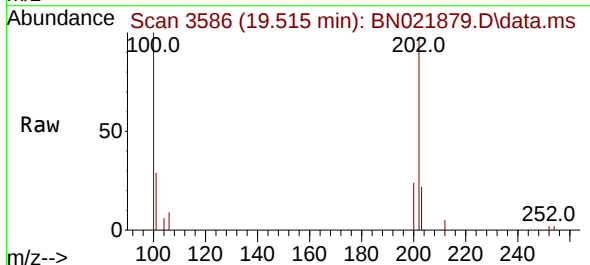


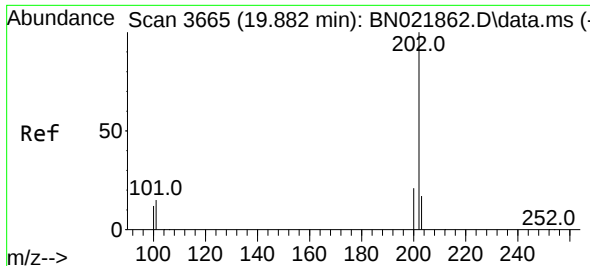
Tgt Ion:178 Resp: 10675  
 Ion Ratio Lower Upper  
 178 100  
 179 22.1 12.9 19.3#  
 176 27.6 15.9 23.9#



#19  
 Fluoranthene  
 Concen: 0.213 ng/ul  
 RT: 19.515 min Scan# 3586  
 Delta R.T. 0.000 min  
 Lab File: BN021879.D  
 Acq: 23 Sep 2022 00:24

Tgt Ion:202 Resp: 12299  
 Ion Ratio Lower Upper  
 202 100  
 101 29.1 10.0 15.0#  
 100 101.8 8.0 12.0#

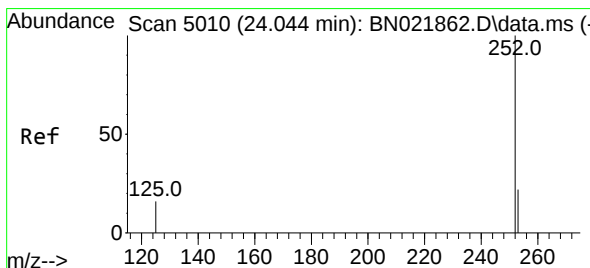
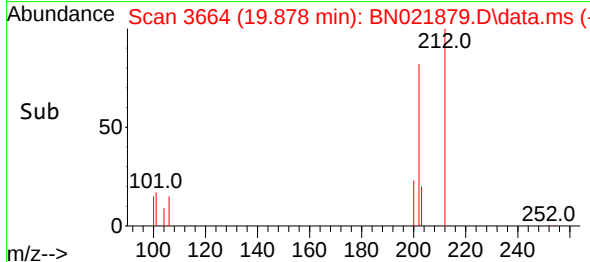
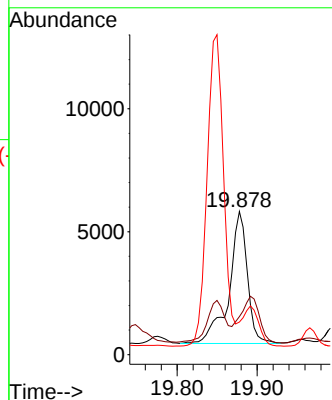
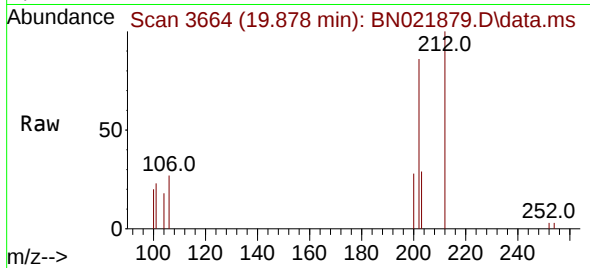




#20  
Pyrene  
Concen: 0.150 ng/ul  
RT: 19.878 min Scan# 30  
Delta R.T. 0.000 min  
Lab File: BN021879.D  
Acq: 23 Sep 2022 00:24

Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:202 Resp: 8559  
Ion Ratio Lower Upper  
202 100  
101 26.5 11.3 16.9#  
100 22.9 9.0 13.4#



#26  
Benzo(a)pyrene  
Concen: 0.063 ng/ul  
RT: 23.989 min Scan# 4991  
Delta R.T. -0.053 min  
Lab File: BN021879.D  
Acq: 23 Sep 2022 00:24

Tgt Ion:252 Resp: 2301  
Ion Ratio Lower Upper  
252 100  
253 71.7 22.1 33.1#  
125 76.0 14.7 22.1#

