

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN030923\  
 Data File : BN024202.D  
 Acq On : 09 Mar 2023 16:35  
 Operator : CG/JU  
 Sample : 01746-17  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCAG0

Quant Time: Mar 10 02:24:31 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN030923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 09 08:02:24 2023  
 Response via : Initial Calibration

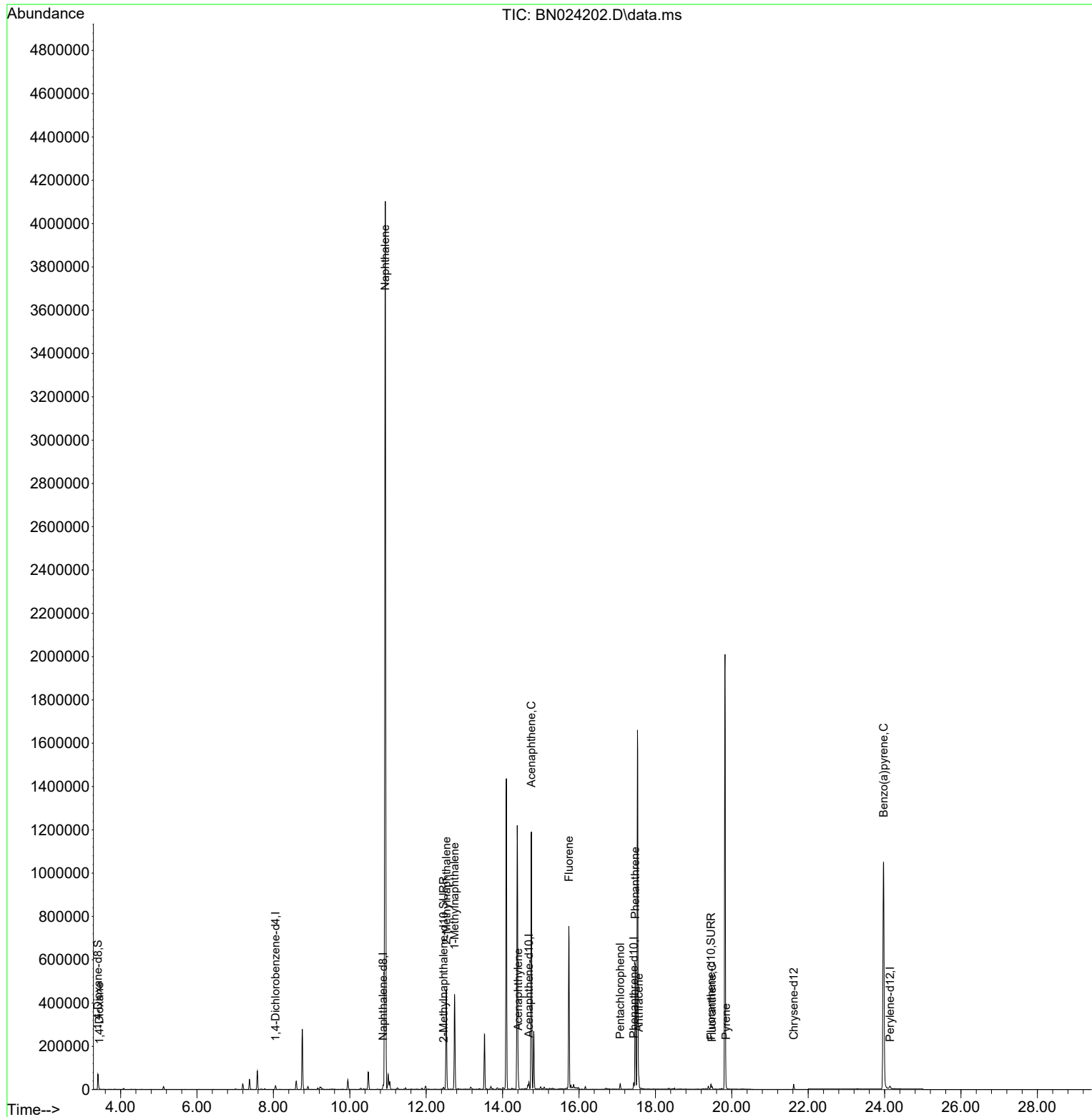
| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.055  | 152  | 8712     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.872 | 136  | 27201    | 0.400  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.689 | 164  | 16625    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.434 | 188  | 32810    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.621 | 240  | 22921    | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.141 | 264  | 16949    | 0.400  | ng/ul  | 0.03     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.406  | 96   | 43742    | 4.562  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.451 | 152  | 10399    | 0.322  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.455 | 212  | 23930    | 0.392  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane              | 3.443  | 88   | 336      | 0.032  | ng/ul# | 49       |
| 5) Naphthalene              | 10.927 | 128  | 5860084  | 86.310 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.528 | 142  | 319584   | 7.759  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.742 | 142  | 290003   | 6.699  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.411 | 152  | 45385    | 0.654  | ng/ul  | 98       |
| 11) Acenaphthene            | 14.754 | 153  | 676095   | 12.651 | ng/ul  | 96       |
| 12) Fluorene                | 15.734 | 166  | 454110   | 7.609  | ng/ul  | 99       |
| 14) Pentachlorophenol       | 17.080 | 266  | 16063    | 1.763  | ng/ul# | 73       |
| 15) Phenanthrene            | 17.472 | 178  | 615193   | 6.546  | ng/ul  | 100      |
| 16) Anthracene              | 17.565 | 178  | 48322    | 0.586  | ng/ul  | 98       |
| 19) Fluoranthene            | 19.483 | 202  | 10229    | 0.112  | ng/ul# | 93       |
| 20) Pyrene                  | 19.850 | 202  | 7437     | 0.080  | ng/ul# | 88       |
| 26) Benzo(a)pyrene          | 23.971 | 252  | 6291     | 0.113  | ng/ul# | 64       |
| -----                       |        |      |          |        |        |          |

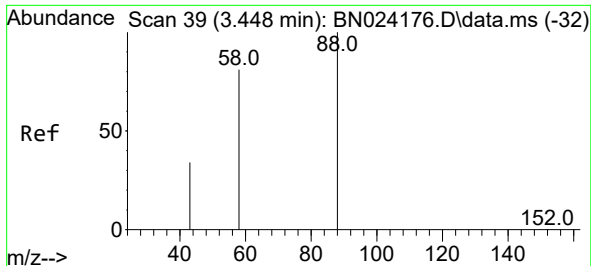
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 09 08:02:24 2023  
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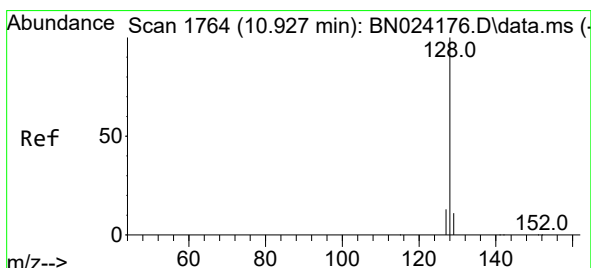
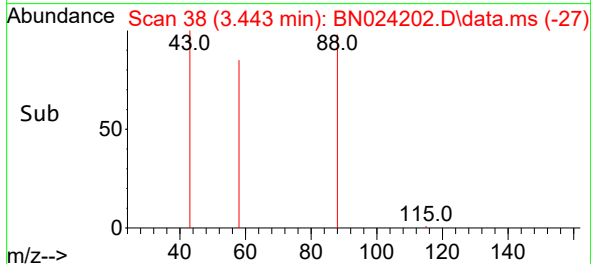
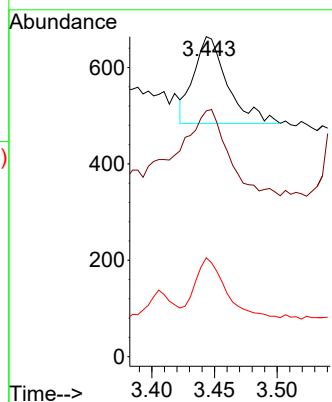
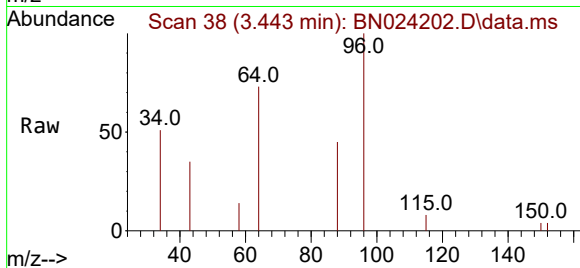




#2  
 1,4-Dioxane  
 Concen: 0.032 ng/ul  
 RT: 3.443 min Scan# 31  
 Delta R.T. -0.004 min  
 Lab File: BN024202.D  
 Acq: 09 Mar 2023 16:35

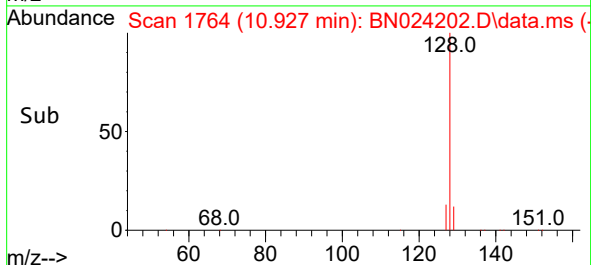
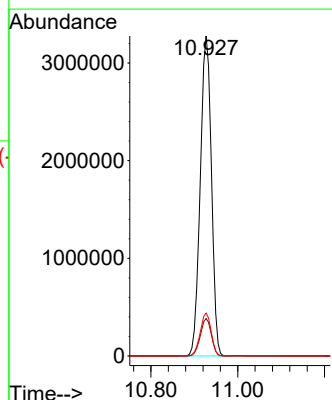
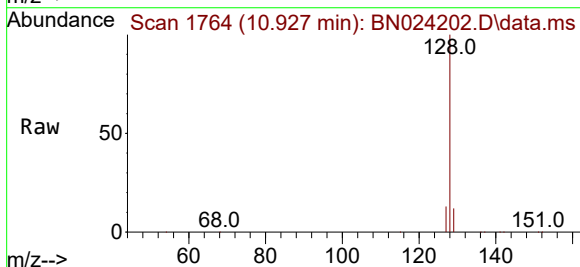
Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCAG0

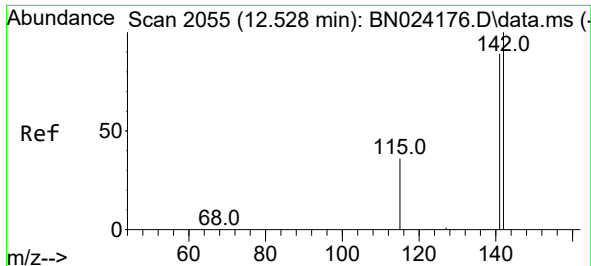
Tgt Ion: 88 Resp: 336  
 Ion Ratio Lower Upper  
 88 100  
 43 76.8 32.1 48.1#  
 58 30.9 55.1 82.7#



#5  
 Naphthalene  
 Concen: 86.310 ng/ul  
 RT: 10.927 min Scan# 1764  
 Delta R.T. 0.006 min  
 Lab File: BN024202.D  
 Acq: 09 Mar 2023 16:35

Tgt Ion: 128 Resp: 5860084  
 Ion Ratio Lower Upper  
 128 100  
 129 11.7 9.0 13.6  
 127 13.4 10.5 15.7

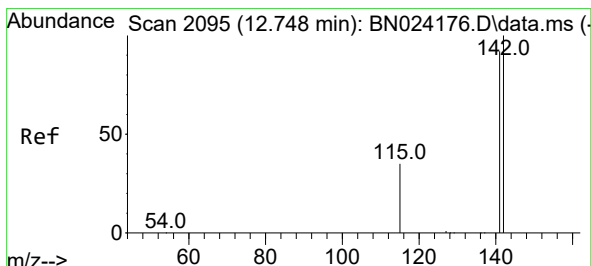
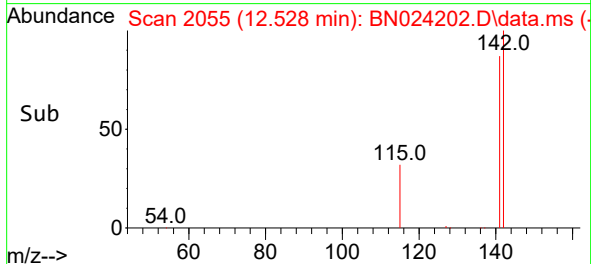
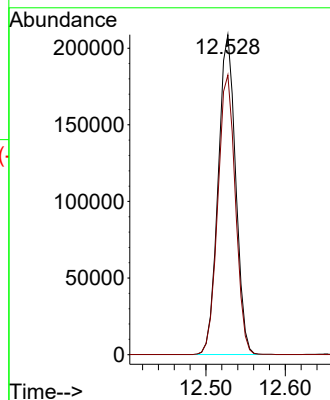
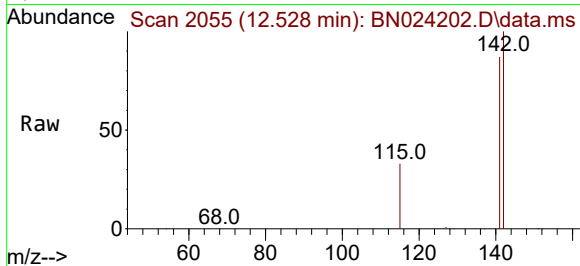




#7  
2-Methylnaphthalene  
Concen: 7.759 ng/ul  
RT: 12.528 min Scan# 2055  
Delta R.T. 0.006 min  
Lab File: BN024202.D  
Acq: 09 Mar 2023 16:35

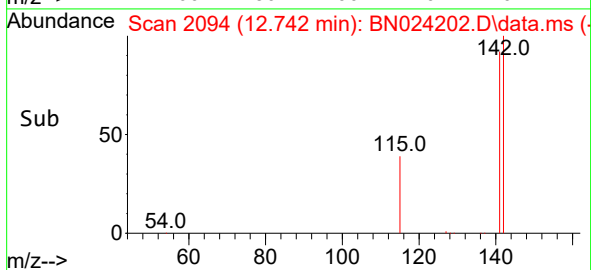
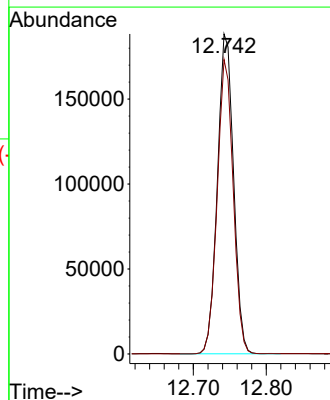
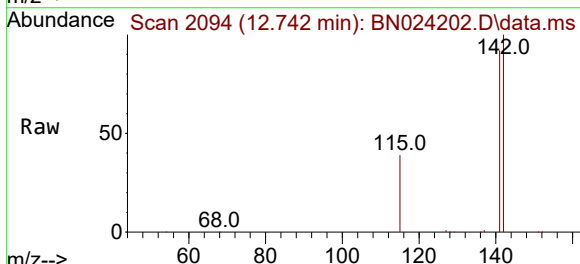
Instrument :  
BNA\_N  
ClientSampleId :  
DCAG0

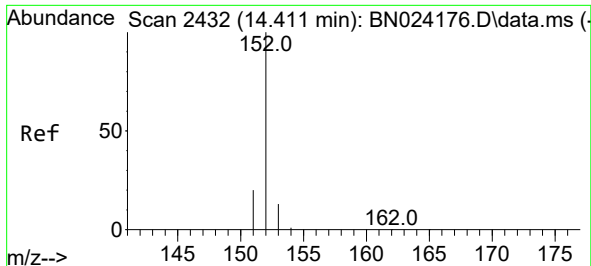
Tgt Ion:142 Resp: 319584  
Ion Ratio Lower Upper  
142 100  
141 87.9 70.3 105.5



#8  
1-Methylnaphthalene  
Concen: 6.699 ng/ul  
RT: 12.742 min Scan# 2094  
Delta R.T. 0.000 min  
Lab File: BN024202.D  
Acq: 09 Mar 2023 16:35

Tgt Ion:142 Resp: 290003  
Ion Ratio Lower Upper  
142 100  
141 91.0 73.0 109.6

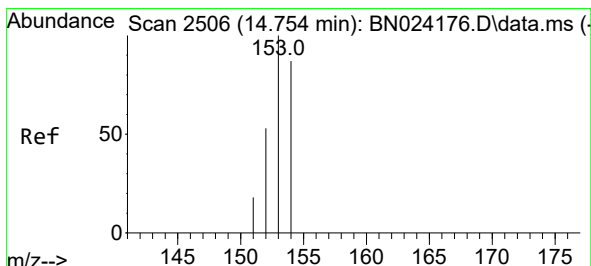
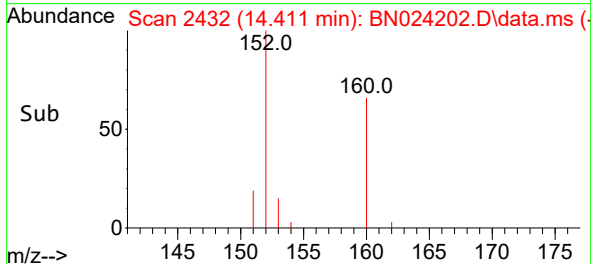
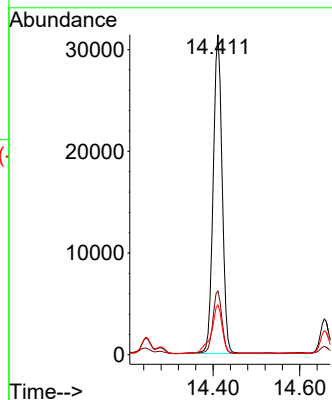
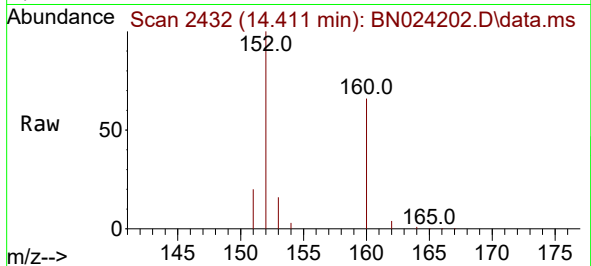




#10  
Acenaphthylene  
Concen: 0.654 ng/ul  
RT: 14.411 min Scan# 2432  
Delta R.T. 0.000 min  
Lab File: BN024202.D  
Acq: 09 Mar 2023 16:35

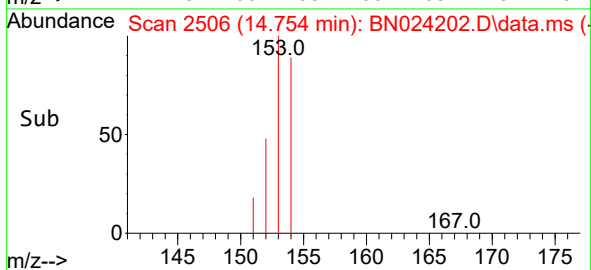
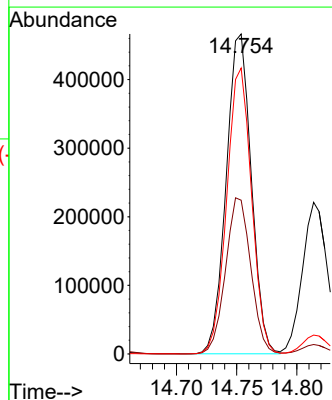
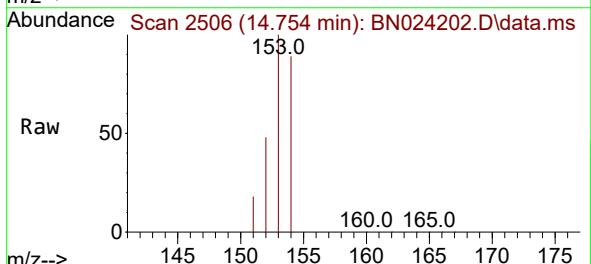
Instrument :  
BNA\_N  
ClientSampleId :  
DCAG0

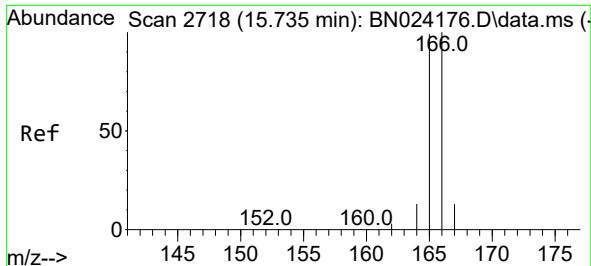
Tgt Ion:152 Resp: 45385  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.9 23.9  
153 15.5 10.6 16.0



#11  
Acenaphthene  
Concen: 12.651 ng/ul  
RT: 14.754 min Scan# 2506  
Delta R.T. 0.005 min  
Lab File: BN024202.D  
Acq: 09 Mar 2023 16:35

Tgt Ion:153 Resp: 676095  
Ion Ratio Lower Upper  
153 100  
152 48.1 42.6 64.0  
154 89.3 70.6 105.8

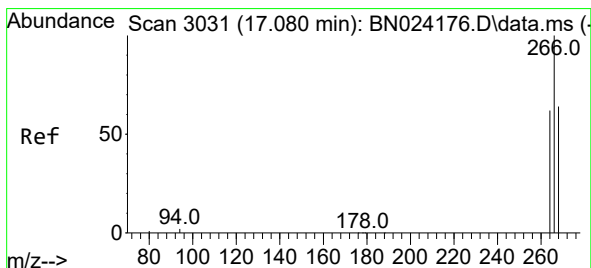
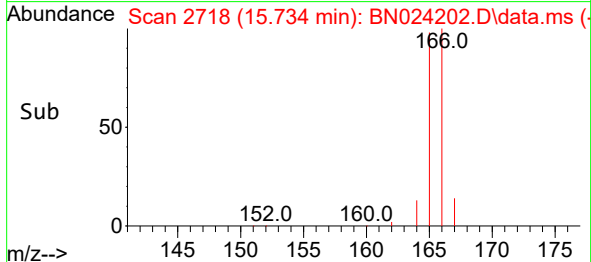
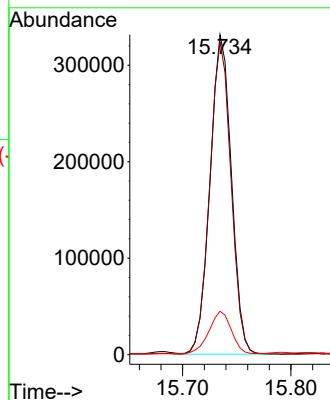
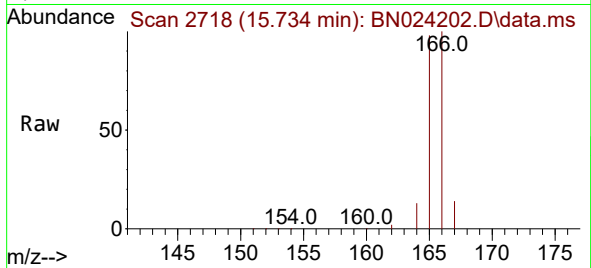




#12  
Fluorene  
Concen: 7.609 ng/ul  
RT: 15.734 min Scan# 2718  
Delta R.T. 0.000 min  
Lab File: BN024202.D  
Acq: 09 Mar 2023 16:35

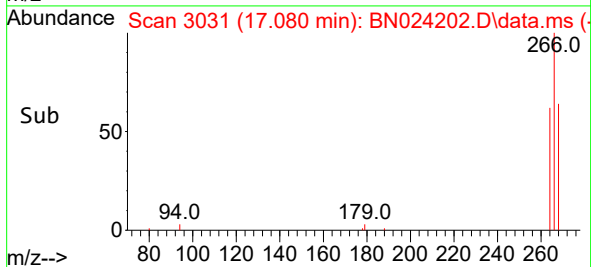
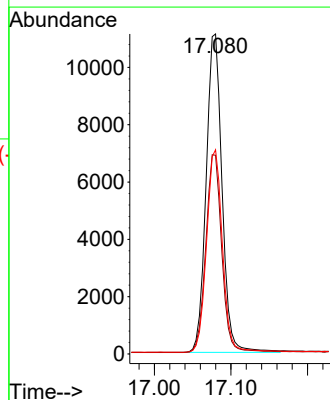
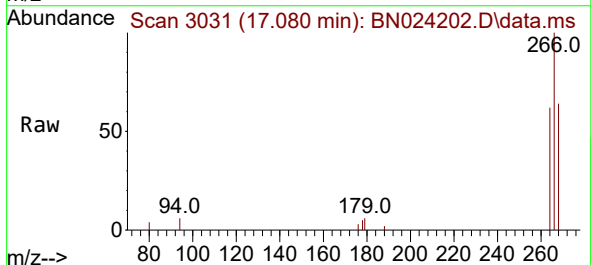
Instrument :  
BNA\_N  
ClientSampleId :  
DCAG0

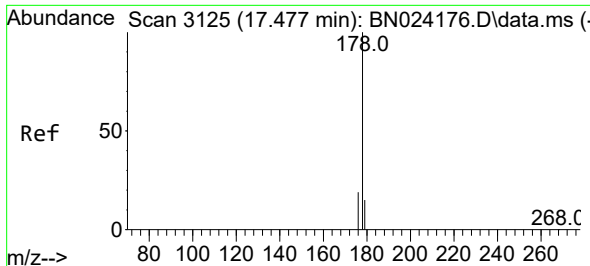
Tgt Ion:166 Resp: 454110  
Ion Ratio Lower Upper  
166 100  
165 97.7 77.4 116.0  
167 13.6 10.9 16.3



#14  
Pentachlorophenol  
Concen: 1.763 ng/ul  
RT: 17.080 min Scan# 3031  
Delta R.T. 0.004 min  
Lab File: BN024202.D  
Acq: 09 Mar 2023 16:35

Tgt Ion:266 Resp: 16063  
Ion Ratio Lower Upper  
266 100  
264 62.4 0.0 0.0#  
268 63.4 0.1 0.1#

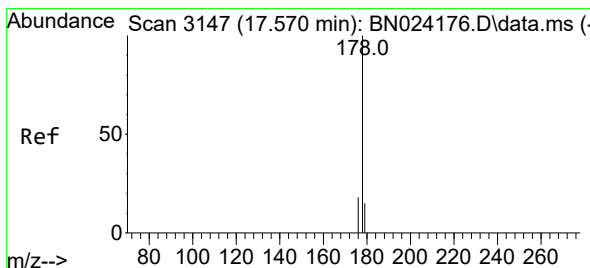
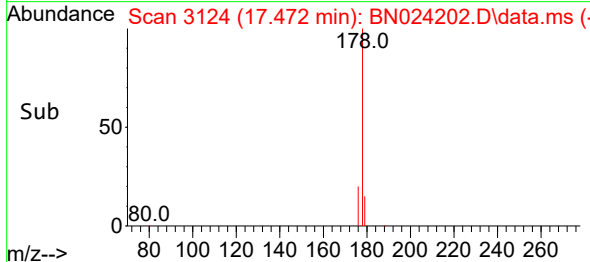
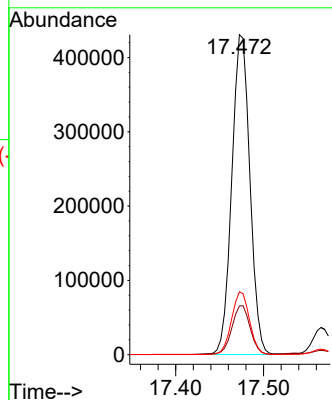
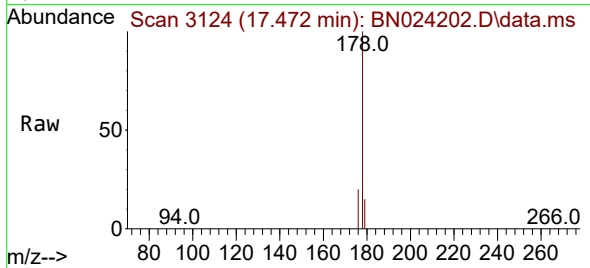




#15  
 Phenanthrene  
 Concen: 6.546 ng/ul  
 RT: 17.472 min Scan# 3125  
 Delta R.T. 0.000 min  
 Lab File: BN024202.D  
 Acq: 09 Mar 2023 16:35

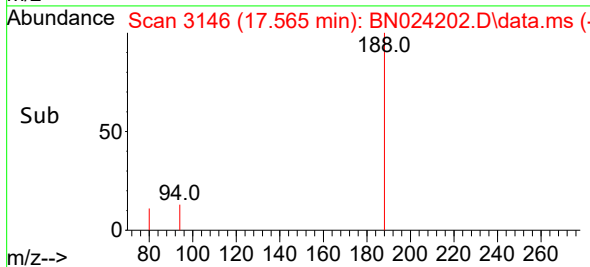
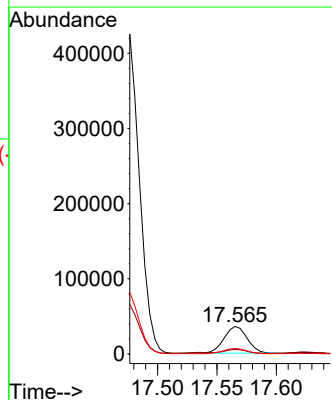
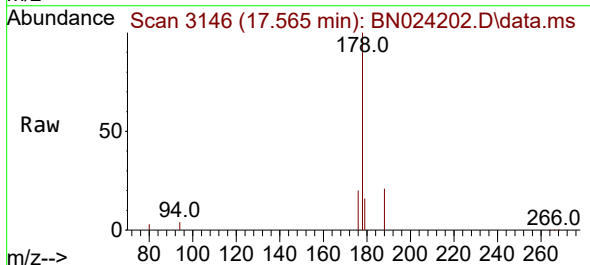
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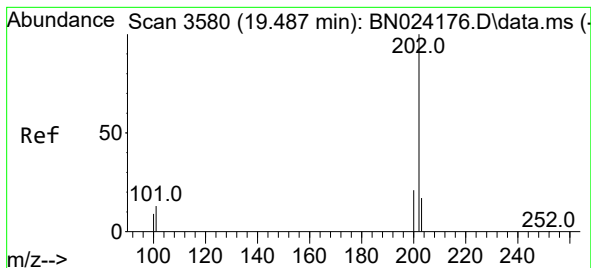
Tgt Ion:178 Resp: 615193  
 Ion Ratio Lower Upper  
 178 100  
 179 15.2 12.2 18.2  
 176 19.7 15.7 23.5



#16  
 Anthracene  
 Concen: 0.586 ng/ul  
 RT: 17.565 min Scan# 3146  
 Delta R.T. 0.000 min  
 Lab File: BN024202.D  
 Acq: 09 Mar 2023 16:35

Tgt Ion:178 Resp: 48322  
 Ion Ratio Lower Upper  
 178 100  
 179 16.0 12.3 18.5  
 176 19.9 15.3 22.9





#19

Fluoranthene

Concen: 0.112 ng/ul

RT: 19.483 min Scan# 3579

Delta R.T. 0.000 min

Lab File: BN024202.D

Acq: 09 Mar 2023 16:35

Instrument :

BNA\_N

ClientSampleId :

DCAG0

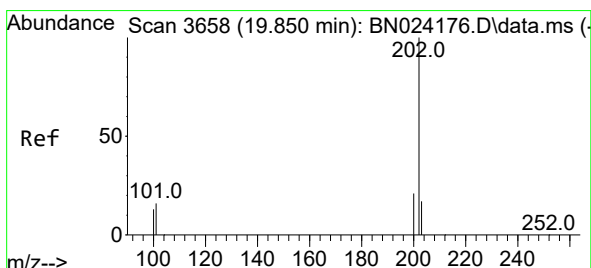
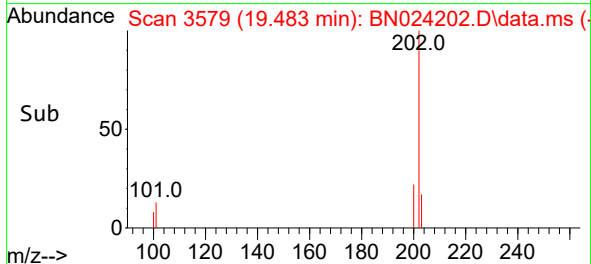
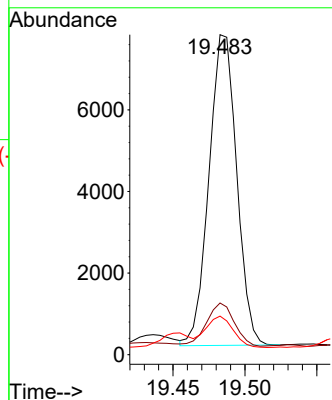
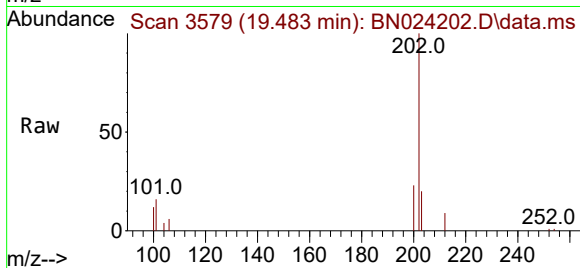
Tgt Ion:202 Resp: 10229

Ion Ratio Lower Upper

202 100

101 16.2 10.4 15.6#

100 12.1 7.7 11.5#



#20

Pyrene

Concen: 0.080 ng/ul

RT: 19.850 min Scan# 3658

Delta R.T. 0.005 min

Lab File: BN024202.D

Acq: 09 Mar 2023 16:35

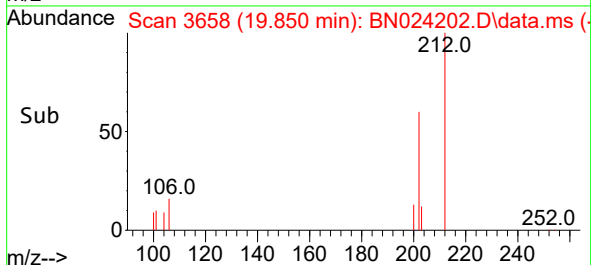
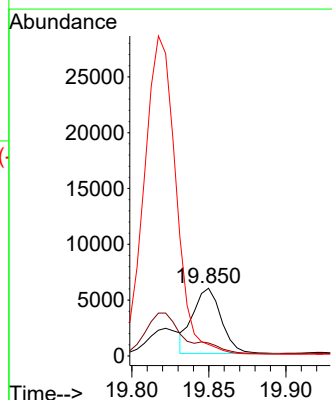
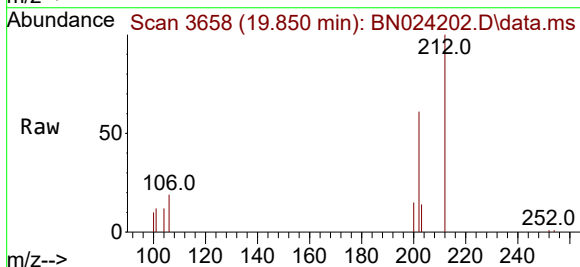
Tgt Ion:202 Resp: 7437

Ion Ratio Lower Upper

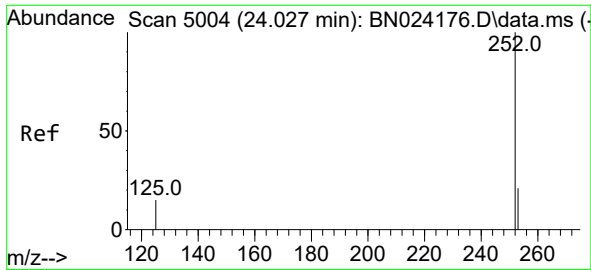
202 100

101 19.2 12.1 18.1#

100 17.0 9.4 14.0#







#26

Benzo(a)pyrene

Concen: 0.113 ng/ul

RT: 23.971 min Scan# 4985

Delta R.T. -0.032 min

Lab File: BN024202.D

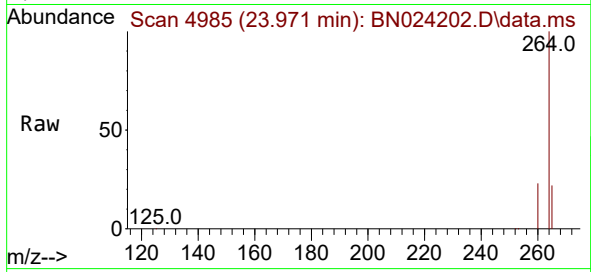
Acq: 09 Mar 2023 16:35

Instrument :

BNA\_N

ClientSampleId :

DCAG0



Tgt Ion:252 Resp: 6291

Ion Ratio Lower Upper

252 100

253 38.9 19.2 28.8#

125 39.5 15.8 23.6#

