

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092823\  
 Data File : BN027966.D  
 Acq On : 29 Sep 2023 18:11  
 Operator : MA/JU  
 Sample : 04497-11  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BBJ20

Quant Time: Sep 30 01:05:45 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 : Wed Sep 27 03:52:19 2023  
 Response via : Initial Calibration

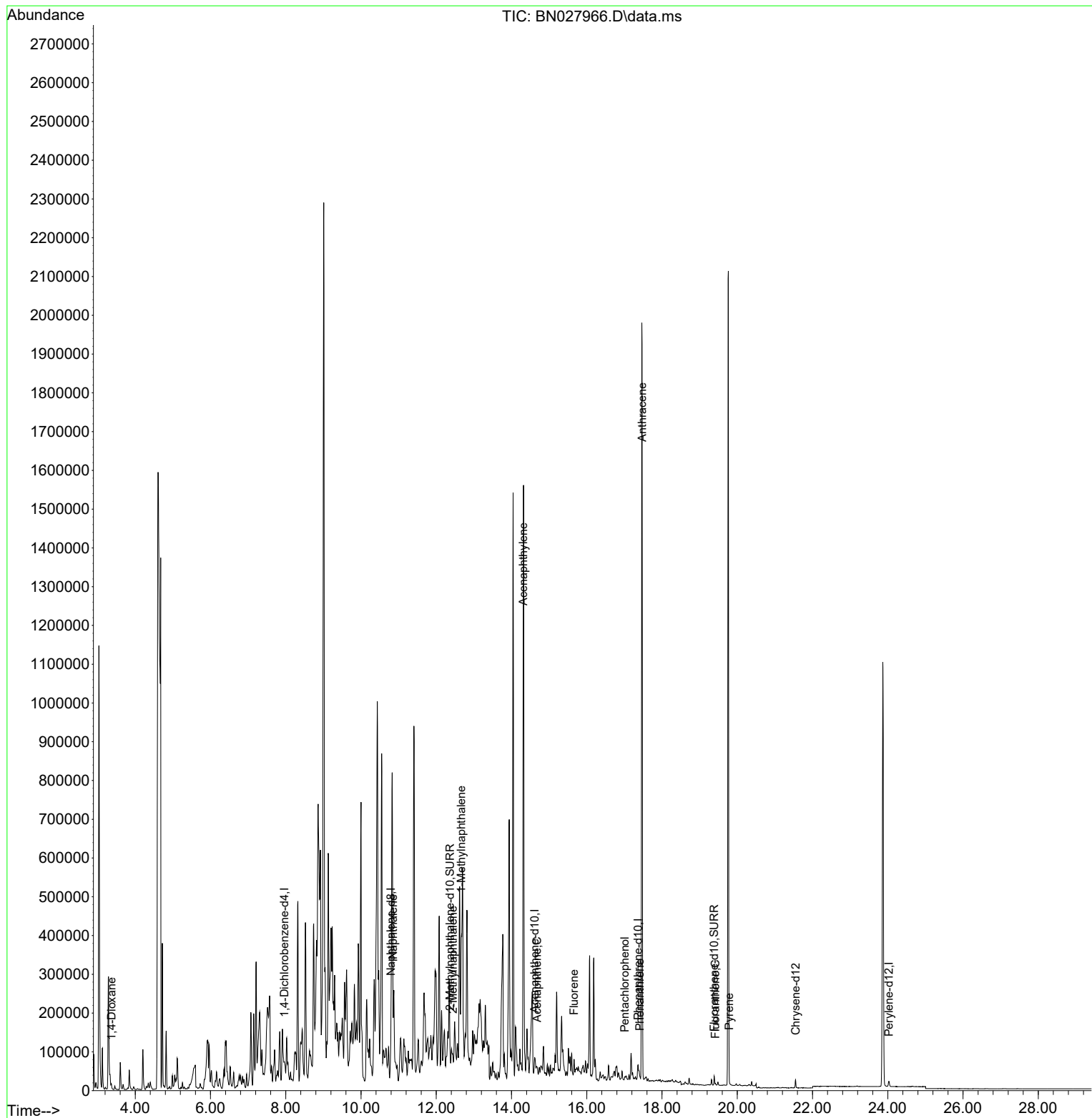
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.962  | 152  | 8204     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.795 | 136  | 23568    | 0.400 | ng/ul  | # 0.01   |
| 9) Acenaphthene-d10         | 14.615 | 164  | 26852    | 0.400 | ng/ul  | # 0.00   |
| 13) Phenanthrene-d10        | 17.363 | 188  | 31701    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.548 | 240  | 19424    | 0.400 | ng/ul  | # 0.01   |
| 23) Perylene-d12            | 24.030 | 264  | 19456    | 0.400 | ng/ul  | 0.02     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 0.000  | 96   | 0        | 0.000 | ng/ul  |          |
| 6) 2-Methylnaphthalene-d10  | 12.368 | 152  | 18257    | 0.511 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.385 | 212  | 25713    | 0.433 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane              | 3.368  | 88   | 952      | 0.089 | ng/ul# | 1        |
| 5) Naphthalene              | 10.850 | 128  | 88173    | 1.309 | ng/ul# | 74       |
| 7) 2-Methylnaphthalene      | 12.445 | 142  | 8407     | 0.197 | ng/ul# | 65       |
| 8) 1-Methylnaphthalene      | 12.665 | 142  | 135594   | 3.075 | ng/ul  | 90       |
| 10) Acenaphthylene          | 14.310 | 152  | 172645   | 1.472 | ng/ul# | 78       |
| 11) Acenaphthene            | 14.675 | 153  | 11454    | 0.113 | ng/ul# | 67       |
| 12) Fluorene                | 15.661 | 166  | 22507    | 0.189 | ng/ul# | 87       |
| 14) Pentachlorophenol       | 17.008 | 266  | 212      | 0.029 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.405 | 178  | 7731     | 0.078 | ng/ul# | 20       |
| 16) Anthracene              | 17.473 | 178  | 3535     | 0.042 | ng/ul# | 1        |
| 19) Fluoranthene            | 19.418 | 202  | 3251     | 0.041 | ng/ul# | 9        |
| 20) Pyrene                  | 19.785 | 202  | 4646     | 0.057 | ng/ul# | 50       |
| -----                       |        |      |          |       |        |          |

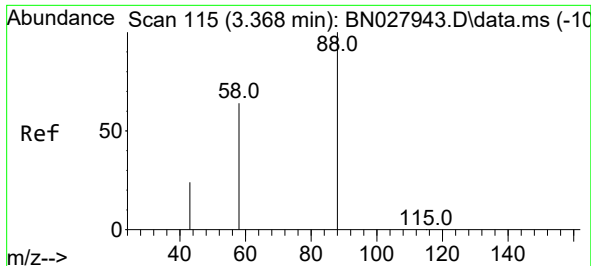
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 30 01:05:45 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 : Wed Sep 27 03:52:19 2023  
Response via : Initial Calibration

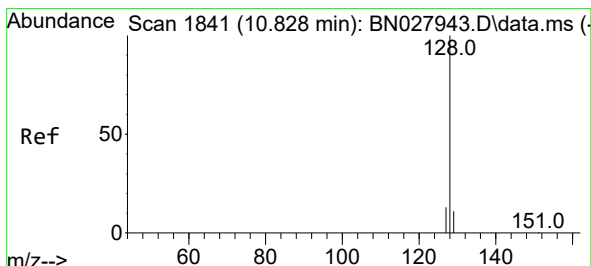
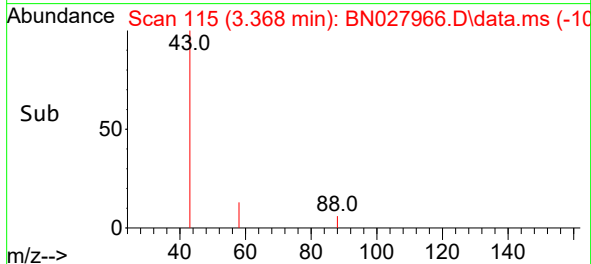
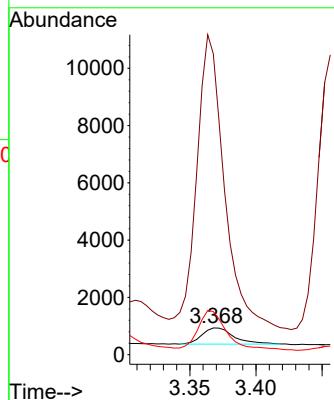
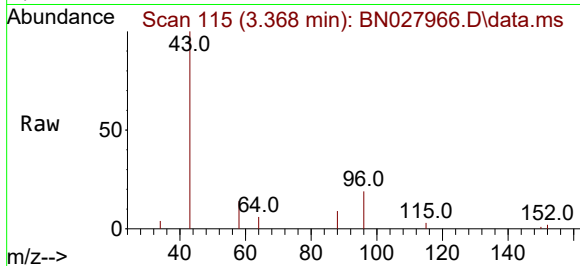




#2  
1,4-Dioxane  
Concen: 0.089 ng/ul  
RT: 3.368 min Scan# 115  
Delta R.T. 0.000 min  
Lab File: BN027966.D  
Acq: 29 Sep 2023 18:11

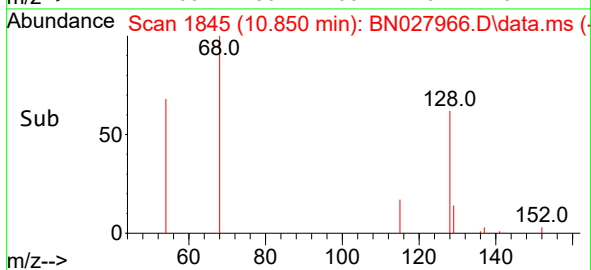
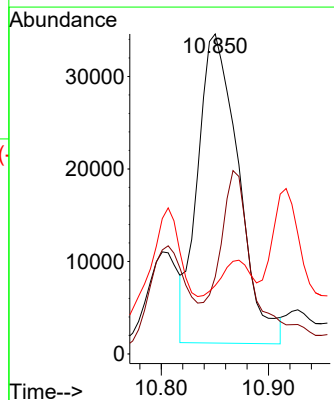
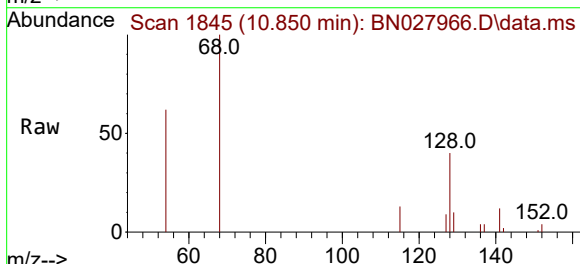
Instrument :  
BNA\_N  
ClientSampleId :  
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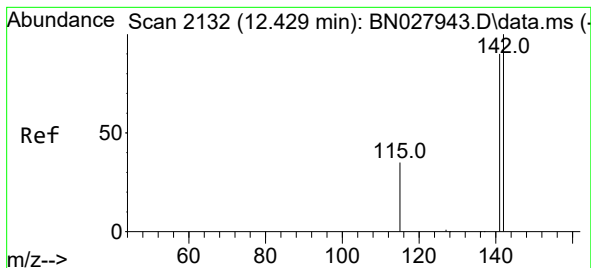
Tgt Ion: 88 Resp: 952  
Ion Ratio Lower Upper  
88 100  
43 1127.0 39.6 59.4#  
58 161.6 48.3 72.5#



#5  
Naphthalene  
Concen: 1.309 ng/ul  
RT: 10.850 min Scan# 1845  
Delta R.T. 0.017 min  
Lab File: BN027966.D  
Acq: 29 Sep 2023 18:11

Tgt Ion: 128 Resp: 88173  
Ion Ratio Lower Upper  
128 100  
129 24.1 9.3 13.9#  
127 21.4 10.7 16.1#

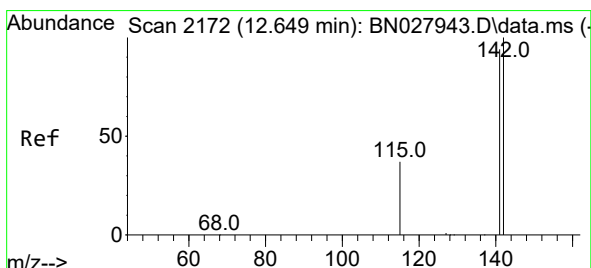
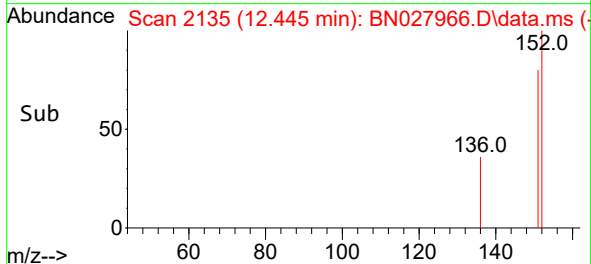
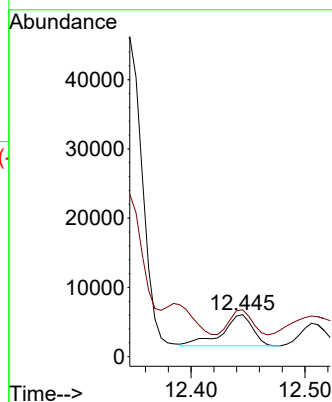
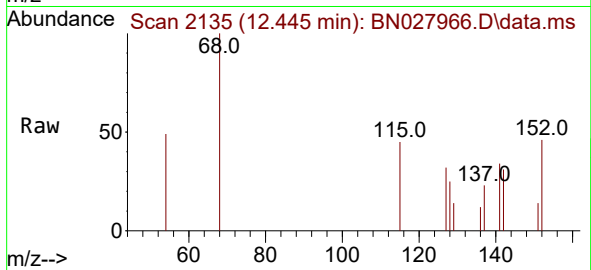




#7  
2-Methylnaphthalene  
Concen: 0.197 ng/ul  
RT: 12.445 min Scan# 2135  
Delta R.T. 0.011 min  
Lab File: BN027966.D  
Acq: 29 Sep 2023 18:11

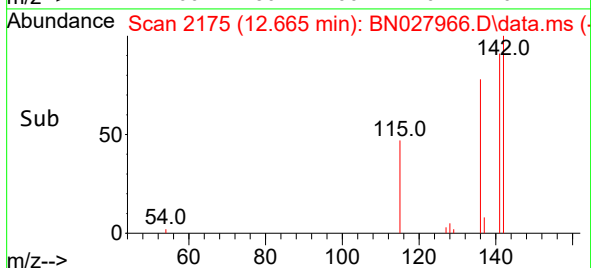
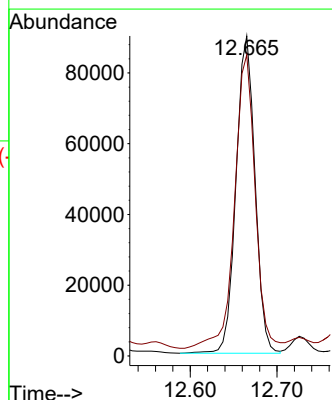
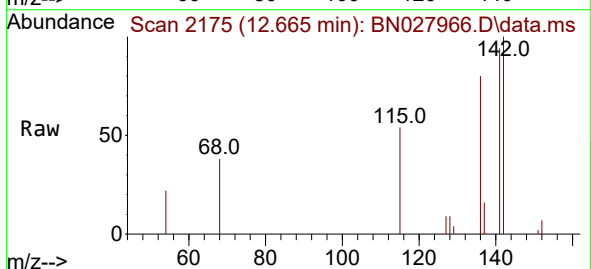
Instrument :  
BNA\_N  
ClientSampleId :  
BBJ20

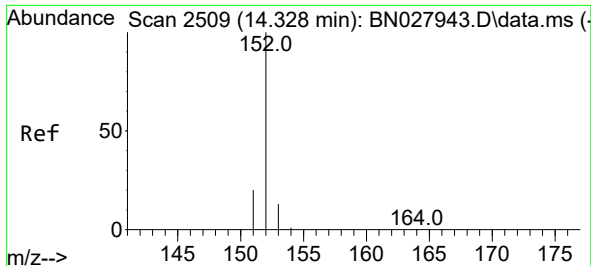
Tgt Ion:142 Resp: 8407  
Ion Ratio Lower Upper  
142 100  
141 56.3 71.1 106.7#



#8  
1-Methylnaphthalene  
Concen: 3.075 ng/ul  
RT: 12.665 min Scan# 2175  
Delta R.T. 0.011 min  
Lab File: BN027966.D  
Acq: 29 Sep 2023 18:11

Tgt Ion:142 Resp: 135594  
Ion Ratio Lower Upper  
142 100  
141 100.7 72.8 109.2

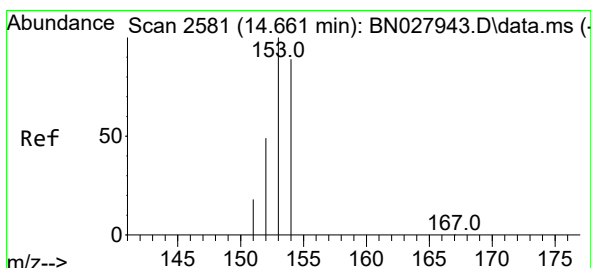
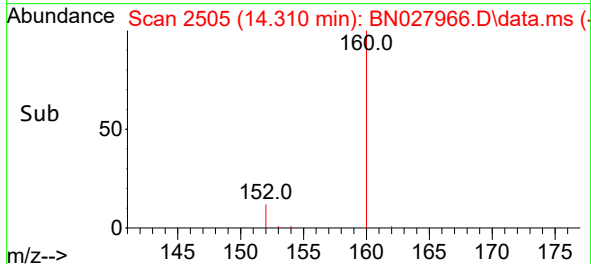
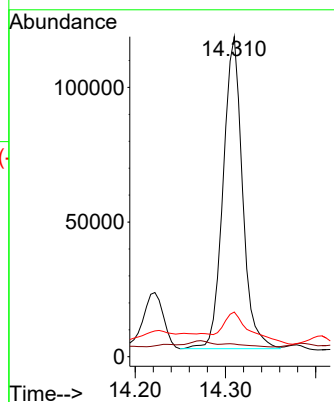
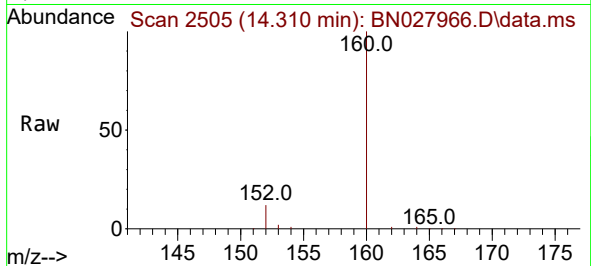




#10  
Acenaphthylene  
Concen: 1.472 ng/ul  
RT: 14.310 min Scan# 2505  
Delta R.T. -0.023 min  
Lab File: BN027966.D  
Acq: 29 Sep 2023 18:11

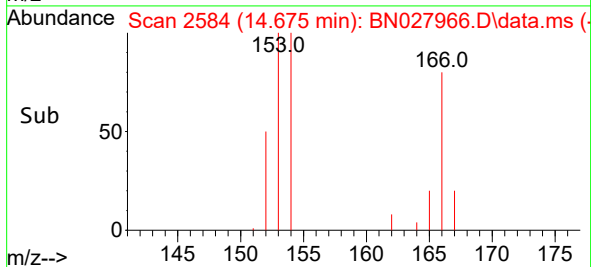
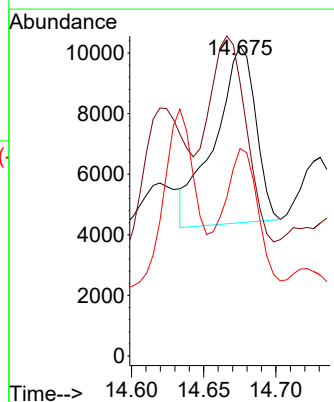
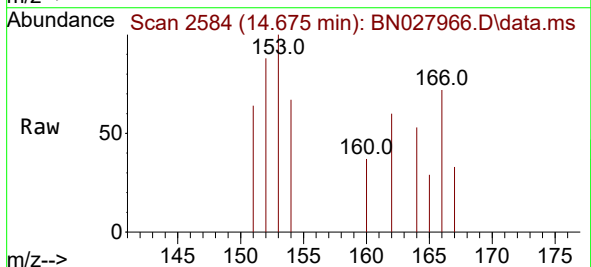
Instrument :  
BNA\_N  
ClientSampleId :  
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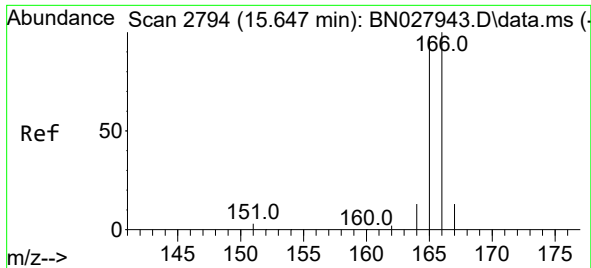
Tgt Ion:152 Resp: 172645  
Ion Ratio Lower Upper  
152 100  
151 4.0 16.6 25.0#  
153 14.0 11.0 16.6



#11  
Acenaphthene  
Concen: 0.113 ng/ul  
RT: 14.675 min Scan# 2584  
Delta R.T. 0.009 min  
Lab File: BN027966.D  
Acq: 29 Sep 2023 18:11

Tgt Ion:153 Resp: 11454  
Ion Ratio Lower Upper  
153 100  
152 88.2 41.7 62.5#  
154 66.9 70.3 105.5#

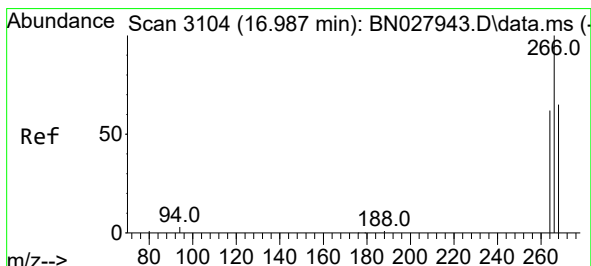
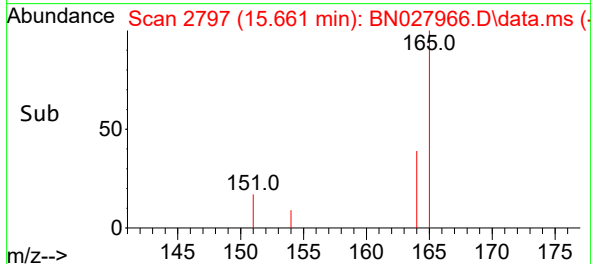
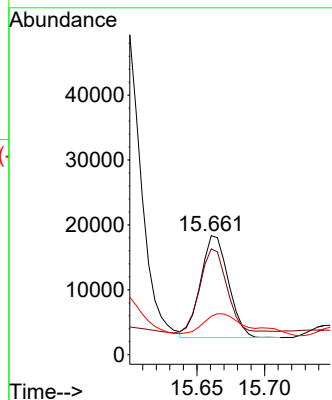
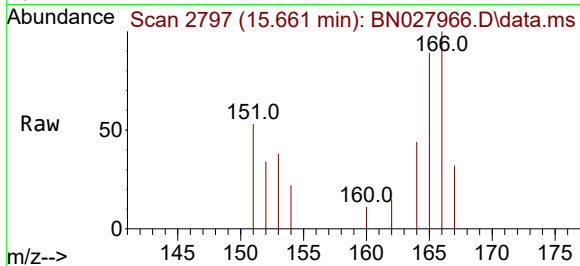




#12  
Fluorene  
Concen: 0.189 ng/ul  
RT: 15.661 min Scan# 21  
Delta R.T. 0.009 min  
Lab File: BN027966.D  
Acq: 29 Sep 2023 18:11

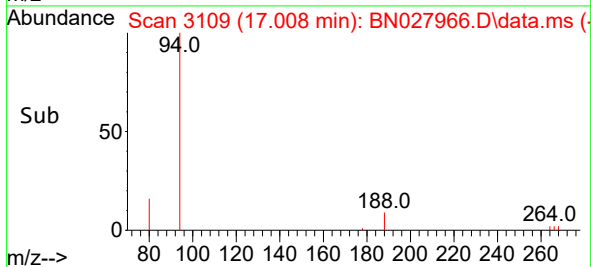
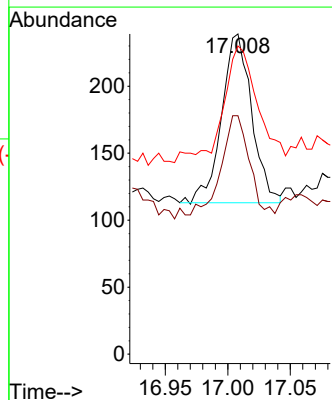
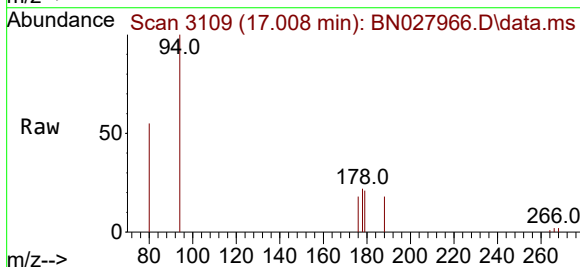
Instrument :  
BNA\_N  
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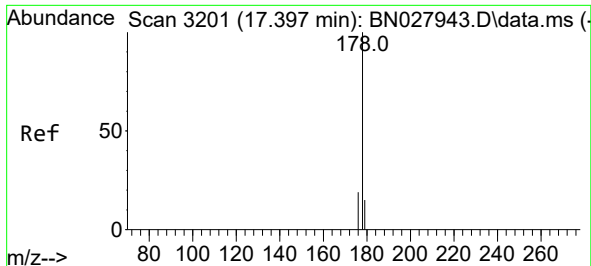
Tgt Ion:166 Resp: 22507  
Ion Ratio Lower Upper  
166 100  
165 88.8 78.0 117.0  
167 32.3 11.4 17.2#



#14  
Pentachlorophenol  
Concen: 0.029 ng/ul  
RT: 17.008 min Scan# 3109  
Delta R.T. 0.021 min  
Lab File: BN027966.D  
Acq: 29 Sep 2023 18:11

Tgt Ion:266 Resp: 212  
Ion Ratio Lower Upper  
266 100  
264 61.3 49.6 74.4  
268 65.1 50.7 76.1

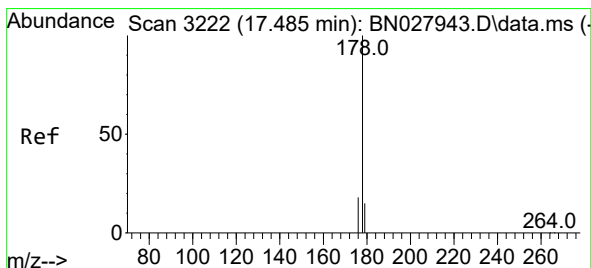
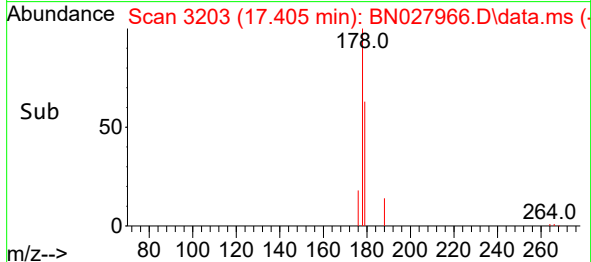
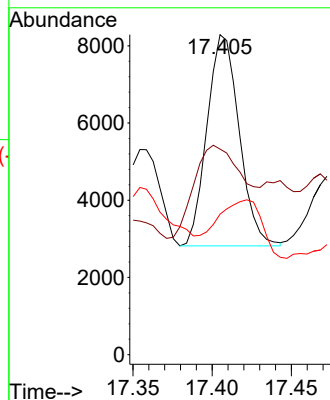
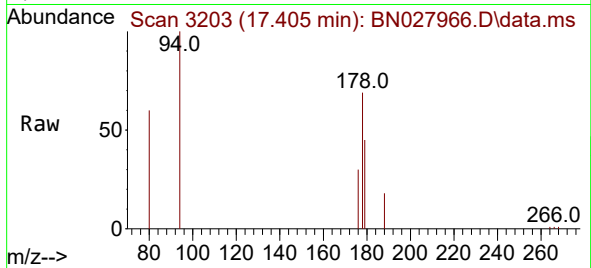




#15  
Phenanthrene  
Concen: 0.078 ng/ul  
RT: 17.405 min Scan# 31  
Delta R.T. 0.009 min  
Lab File: BN027966.D  
Acq: 29 Sep 2023 18:11

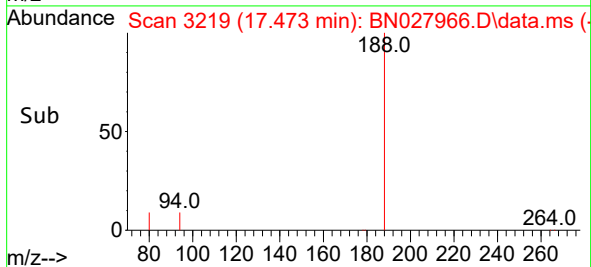
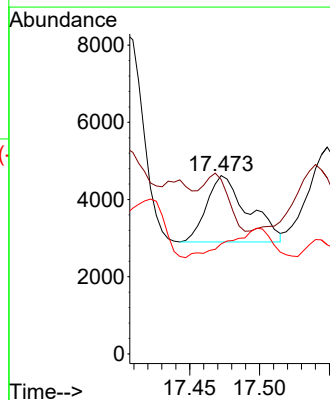
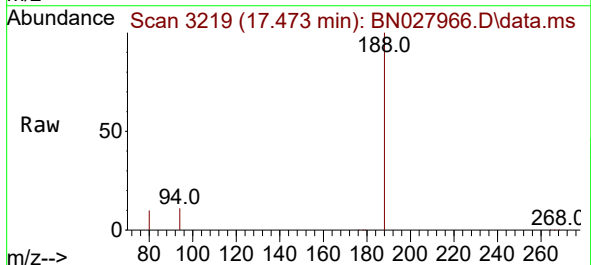
Instrument :  
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ClientSampleId :  
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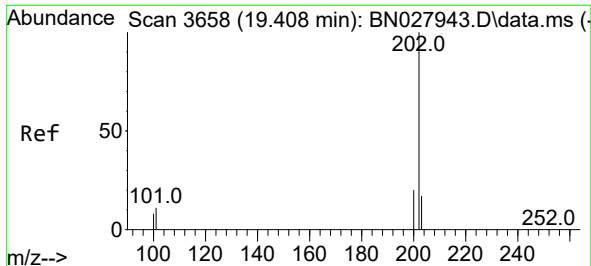
Tgt Ion:178 Resp: 7731  
Ion Ratio Lower Upper  
178 100  
179 64.3 12.4 18.6#  
176 43.9 16.0 24.0#



#16  
Anthracene  
Concen: 0.042 ng/ul  
RT: 17.473 min Scan# 3219  
Delta R.T. -0.017 min  
Lab File: BN027966.D  
Acq: 29 Sep 2023 18:11

Tgt Ion:178 Resp: 3535  
Ion Ratio Lower Upper  
178 100  
179 97.7 12.6 19.0#  
176 61.7 15.5 23.3#

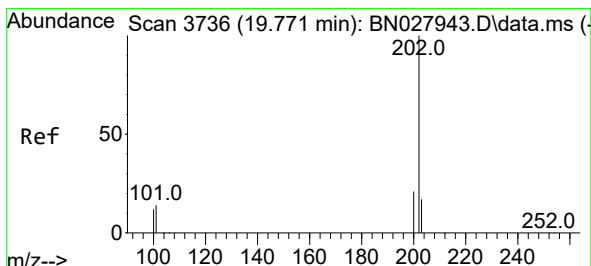
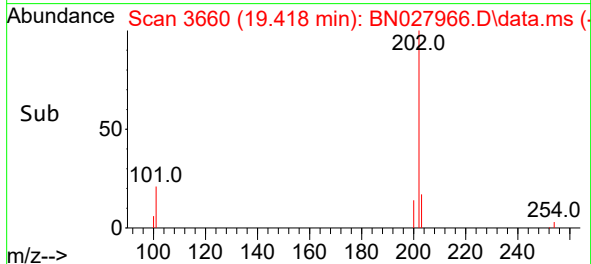
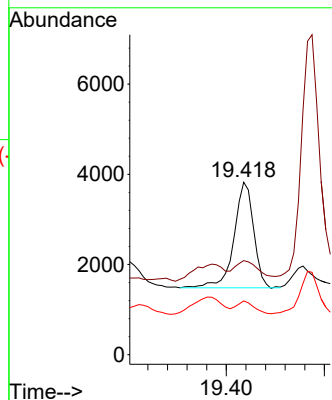
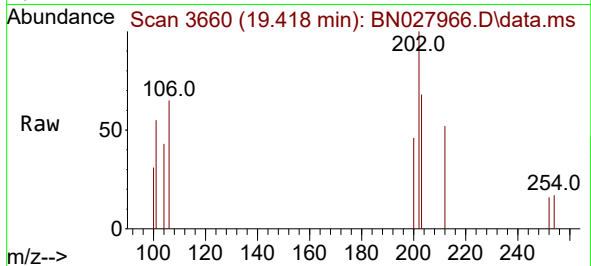




#19  
Fluoranthene  
Concen: 0.041 ng/ul  
RT: 19.418 min Scan# 3658  
Delta R.T. 0.009 min  
Lab File: BN027966.D  
Acq: 29 Sep 2023 18:11

Instrument :  
BNA\_N  
ClientSampleId :  
BBJ20

Tgt Ion:202 Resp: 3251  
Ion Ratio Lower Upper  
202 100  
101 54.5 9.3 13.9#  
100 31.2 7.0 10.4#



#20  
Pyrene  
Concen: 0.057 ng/ul  
RT: 19.785 min Scan# 3739  
Delta R.T. 0.009 min  
Lab File: BN027966.D  
Acq: 29 Sep 2023 18:11

Tgt Ion:202 Resp: 4646  
Ion Ratio Lower Upper  
202 100  
101 38.7 11.4 17.0#  
100 25.8 9.1 13.7#

