

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092523\  
 Data File : BM042041.D  
 Acq On : 25 Sep 2023 20:24  
 Operator : MA/JU  
 Sample : 04429-08  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BBBL8

Quant Time: Sep 26 02:20:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM092223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 22 13:50:58 2023  
 Response via : Initial Calibration

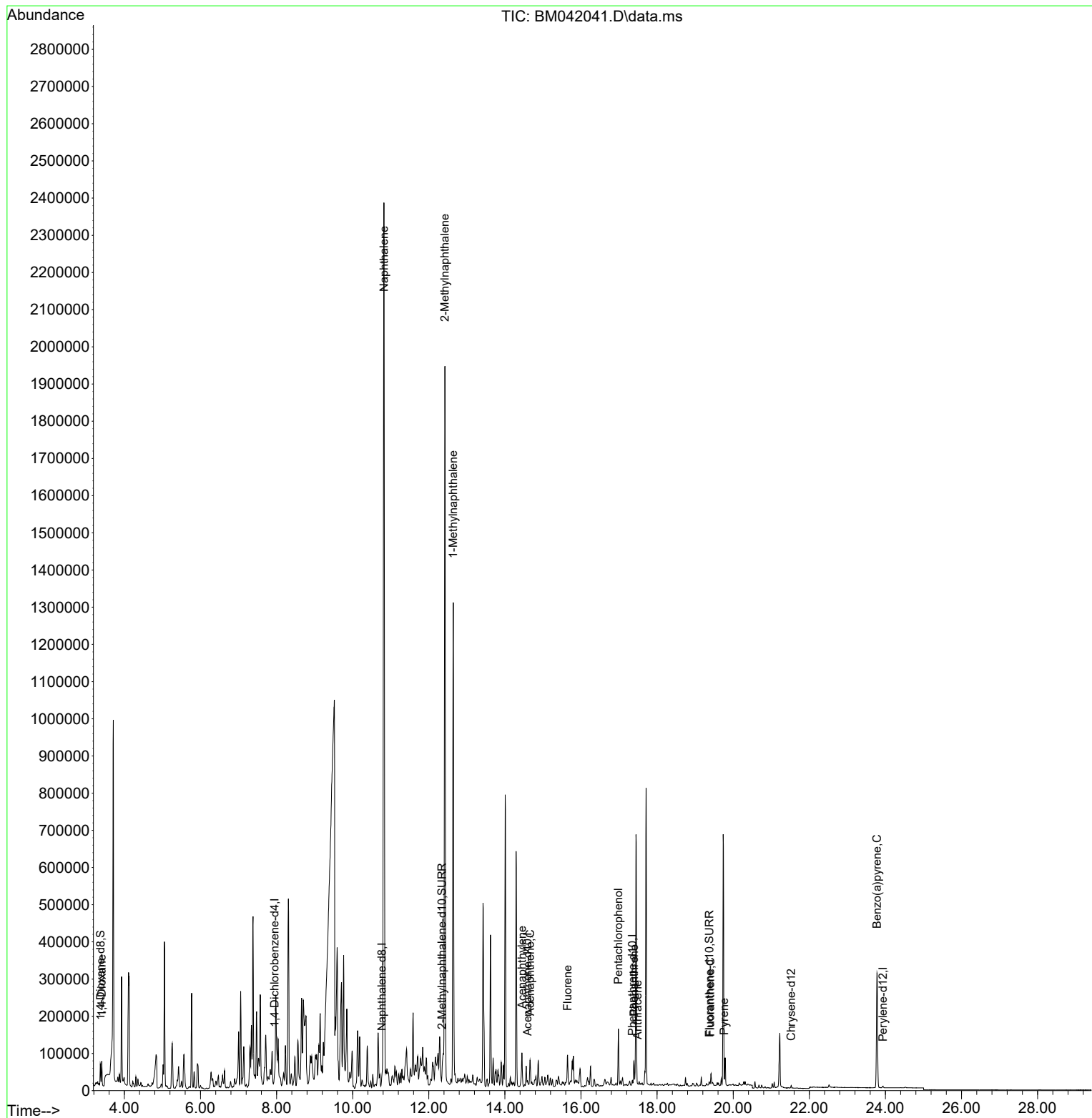
| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.950  | 152  | 5065     | 0.400  | ng/ul  | # 0.00   |
| 4) Naphthalene-d8           | 10.768 | 136  | 11373    | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.597 | 164  | 11257    | 0.400  | ng/ul  | # 0.00   |
| 13) Phenanthrene-d10        | 17.350 | 188  | 11891    | 0.400  | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.524 | 240  | 5463     | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.933 | 264  | 5701     | 0.400  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.372  | 96   | 32002    | 4.637  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.346 | 152  | 4844     | 0.340  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.371 | 212  | 7104     | 0.316  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.406  | 88   | 36980    | 5.092  | ng/ul# | 84       |
| 5) Naphthalene              | 10.823 | 128  | 3328685  | 87.367 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.423 | 142  | 1363449  | 60.033 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.643 | 142  | 872757   | 37.851 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.449 | 152  | 47491    | 0.630  | ng/ul  | 96       |
| 11) Acenaphthene            | 14.661 | 153  | 40231    | 0.696  | ng/ul  | 96       |
| 12) Fluorene                | 15.647 | 166  | 48300    | 0.741  | ng/ul# | 96       |
| 14) Pentachlorophenol       | 16.982 | 266  | 93605    | 14.883 | ng/ul  | 100      |
| 15) Phenanthrene            | 17.392 | 178  | 68590    | 1.244  | ng/ul# | 94       |
| 16) Anthracene              | 17.485 | 178  | 3309     | 0.069  | ng/ul# | 26       |
| 19) Fluoranthene            | 19.403 | 202  | 2089     | 0.034  | ng/ul# | 1        |
| 20) Pyrene                  | 19.766 | 202  | 3765     | 0.062  | ng/ul# | 1        |
| 26) Benzo(a)pyrene          | 23.778 | 252  | 2285     | 0.063  | ng/ul# | 1        |
| -----                       |        |      |          |        |        |          |

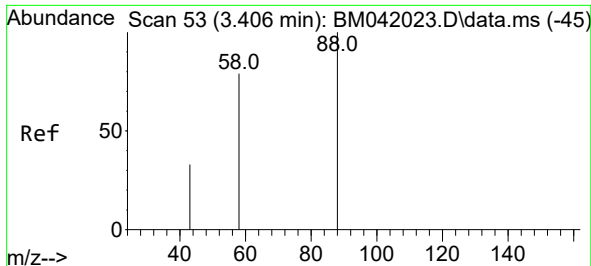
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092523\  
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Quant Time: Sep 26 02:20:09 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM092223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 22 13:50:58 2023  
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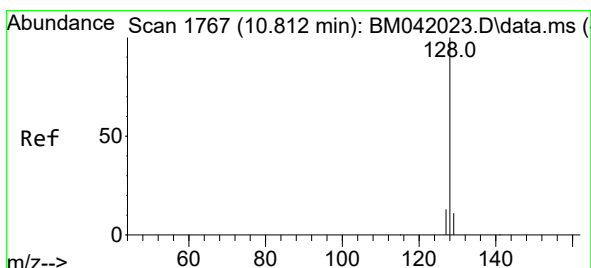
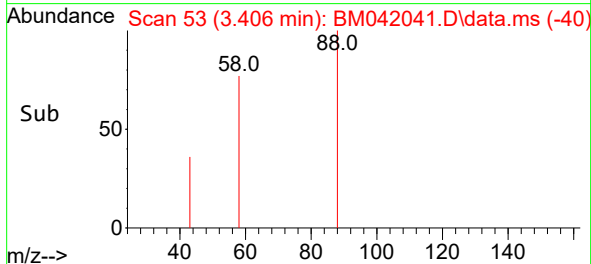
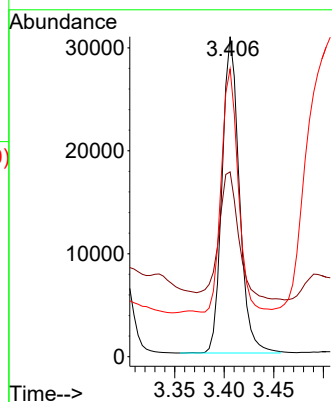
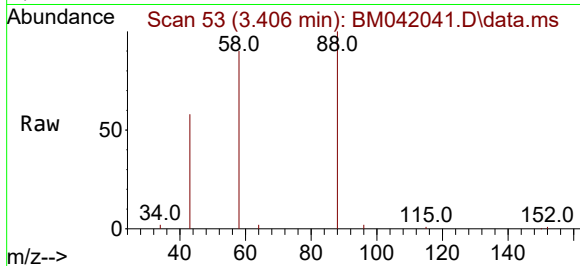




#2  
1,4-Dioxane  
Concen: 5.092 ng/ul  
RT: 3.406 min Scan# 51  
Delta R.T. -0.004 min  
Lab File: BM042041.D  
Acq: 25 Sep 2023 20:24

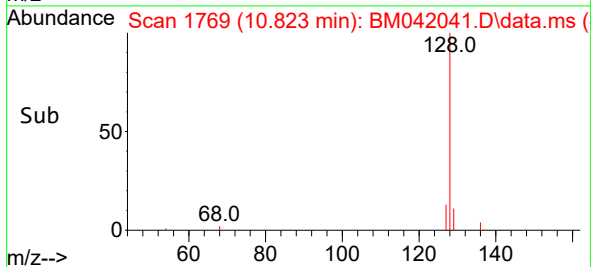
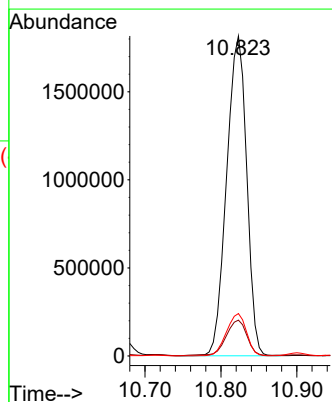
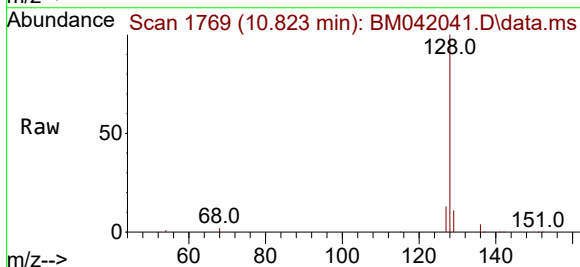
Instrument :  
BNA\_M  
ClientSampleId :  
BBBL8

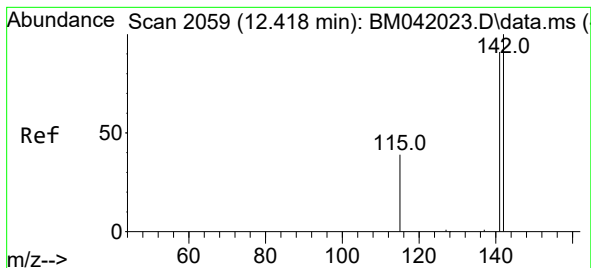
Tgt Ion: 88 Resp: 36980  
Ion Ratio Lower Upper  
88 100  
43 57.7 42.9 64.3  
58 89.9 56.4 84.6#



#5  
Naphthalene  
Concen: 87.367 ng/ul  
RT: 10.823 min Scan# 1769  
Delta R.T. 0.005 min  
Lab File: BM042041.D  
Acq: 25 Sep 2023 20:24

Tgt Ion: 128 Resp: 3328685  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.2 13.8  
127 13.2 10.8 16.2

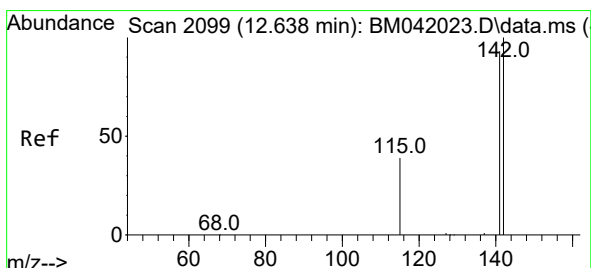
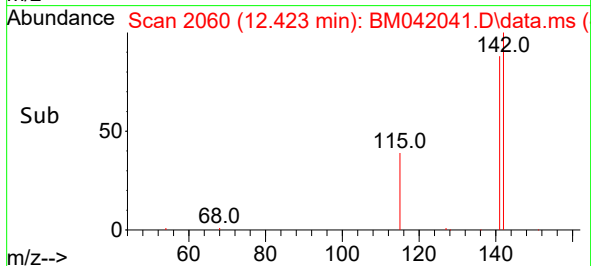
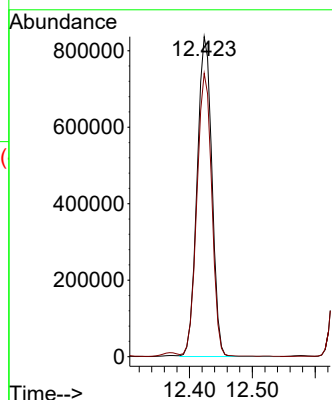
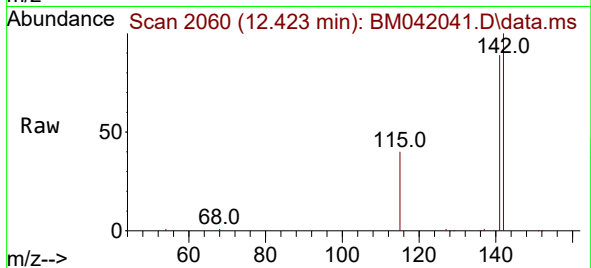




#7  
2-Methylnaphthalene  
Concen: 60.033 ng/ul  
RT: 12.423 min Scan# 2059  
Delta R.T. -0.000 min  
Lab File: BM042041.D  
Acq: 25 Sep 2023 20:24

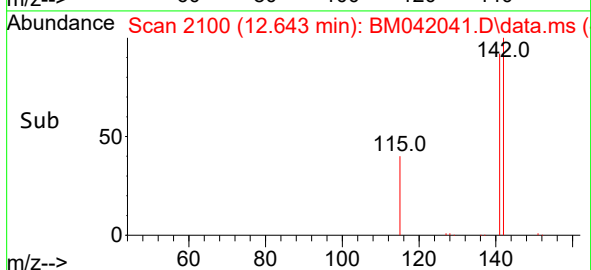
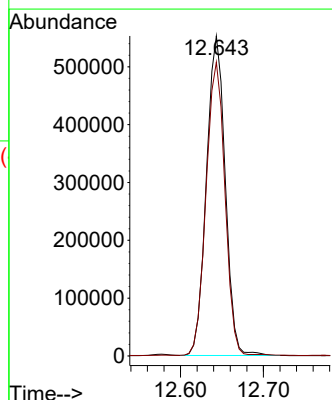
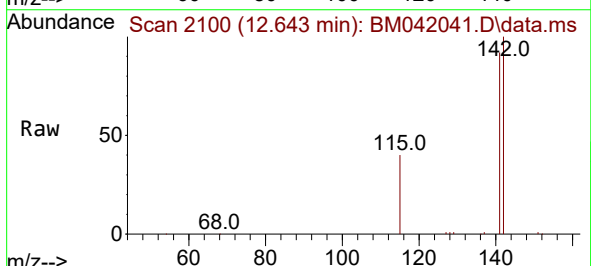
Instrument :  
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ClientSampleId :  
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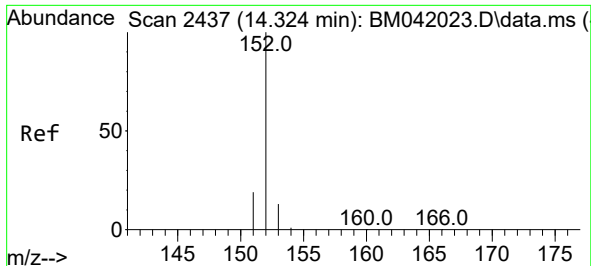
Tgt Ion:142 Resp: 1363449  
Ion Ratio Lower Upper  
142 100  
141 88.9 72.1 108.1



#8  
1-Methylnaphthalene  
Concen: 37.851 ng/ul  
RT: 12.643 min Scan# 2100  
Delta R.T. -0.000 min  
Lab File: BM042041.D  
Acq: 25 Sep 2023 20:24

Tgt Ion:142 Resp: 872757  
Ion Ratio Lower Upper  
142 100  
141 91.8 75.1 112.7

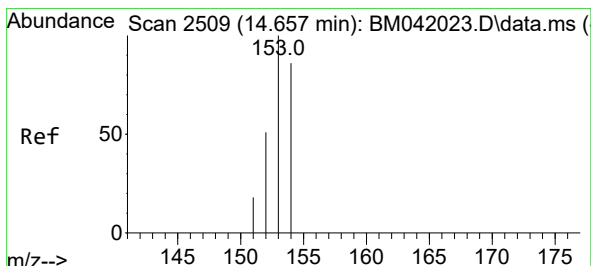
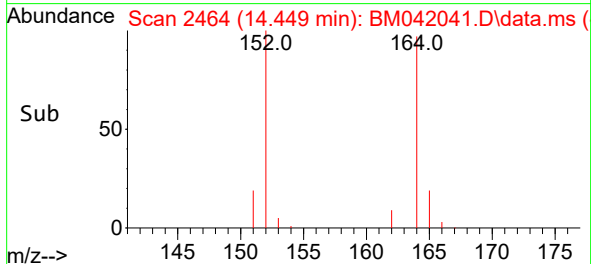
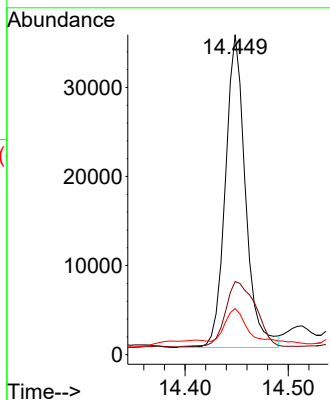
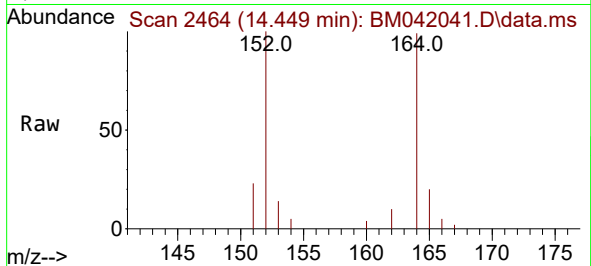




#10  
Acenaphthylene  
Concen: 0.630 ng/ul  
RT: 14.449 min Scan# 2437  
Delta R.T. 0.120 min  
Lab File: BM042041.D  
Acq: 25 Sep 2023 20:24

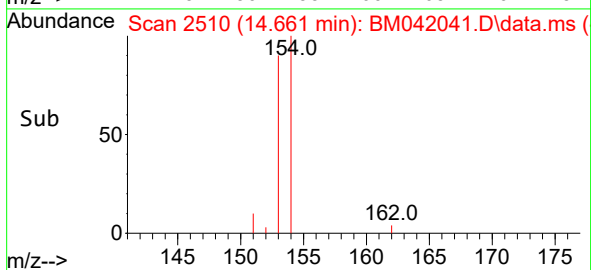
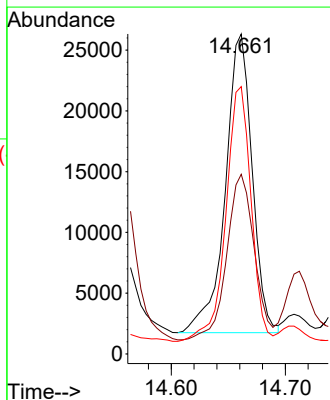
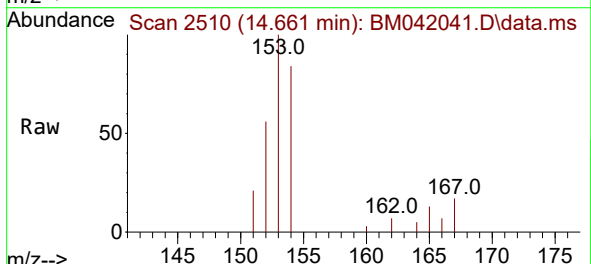
Instrument :  
BNA\_M  
ClientSampleId :  
BBBL8

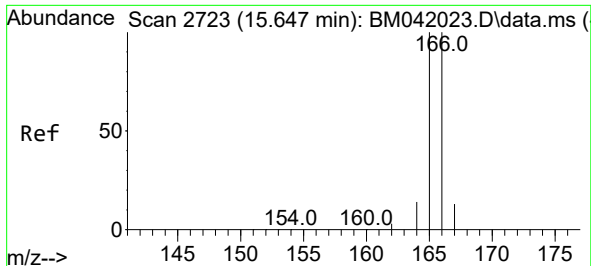
Tgt Ion:152 Resp: 47491  
Ion Ratio Lower Upper  
152 100  
151 22.9 16.2 24.4  
153 14.4 10.8 16.2



#11  
Acenaphthene  
Concen: 0.696 ng/ul  
RT: 14.661 min Scan# 2510  
Delta R.T. -0.000 min  
Lab File: BM042041.D  
Acq: 25 Sep 2023 20:24

Tgt Ion:153 Resp: 40231  
Ion Ratio Lower Upper  
153 100  
152 56.2 41.8 62.8  
154 83.6 69.0 103.6

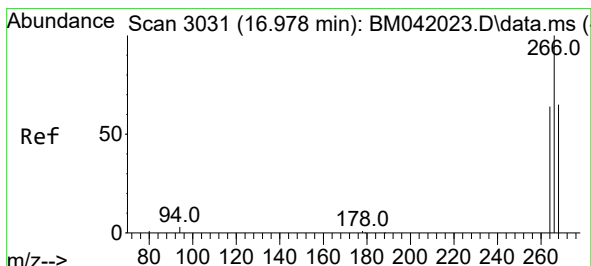
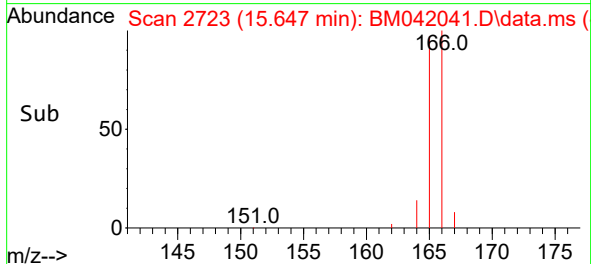
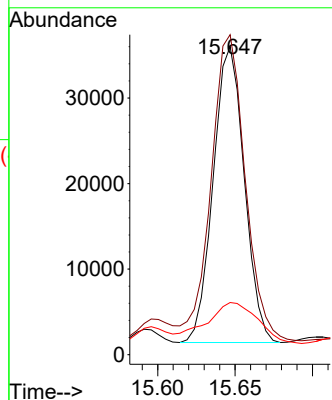
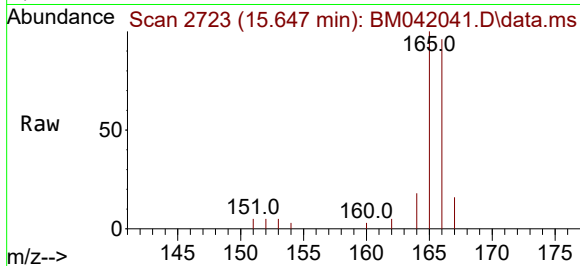




#12  
Fluorene  
Concen: 0.741 ng/ul  
RT: 15.647 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BM042041.D  
Acq: 25 Sep 2023 20:24

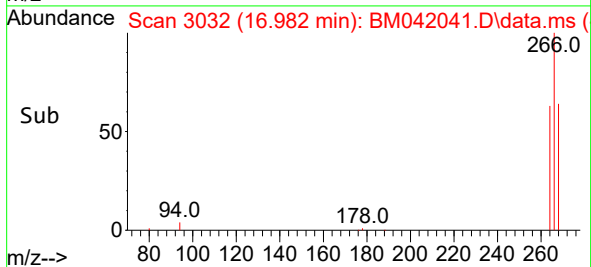
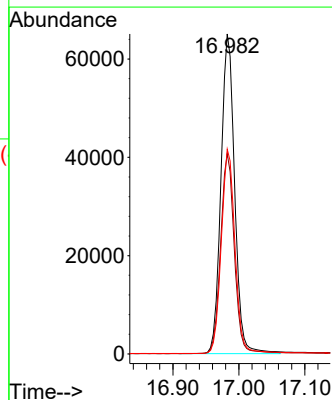
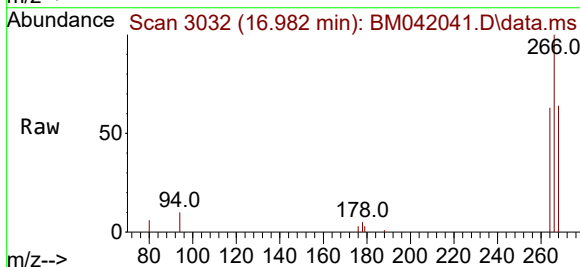
Instrument :  
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ClientSampleId :  
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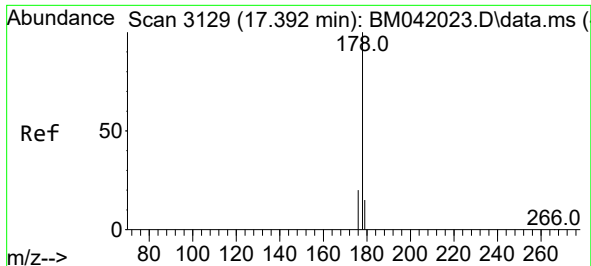
Tgt Ion:166 Resp: 48300  
Ion Ratio Lower Upper  
166 100  
165 103.8 79.8 119.8  
167 16.9 11.1 16.7#



#14  
Pentachlorophenol  
Concen: 14.883 ng/ul  
RT: 16.982 min Scan# 3032  
Delta R.T. -0.000 min  
Lab File: BM042041.D  
Acq: 25 Sep 2023 20:24

Tgt Ion:266 Resp: 93605  
Ion Ratio Lower Upper  
266 100  
264 62.7 50.2 75.4  
268 63.9 51.0 76.4

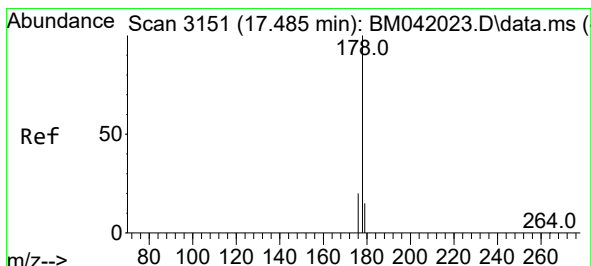
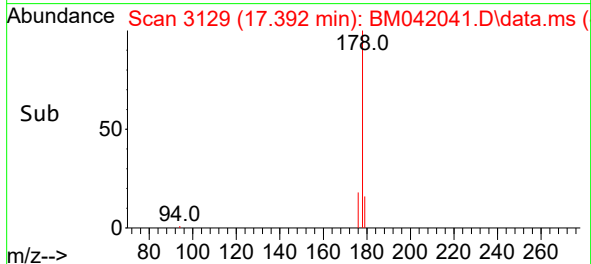
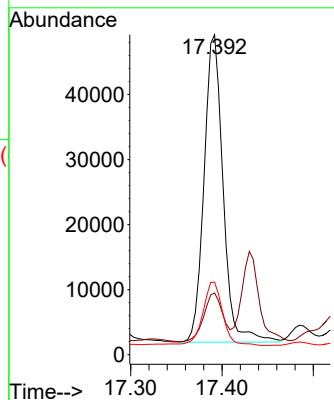
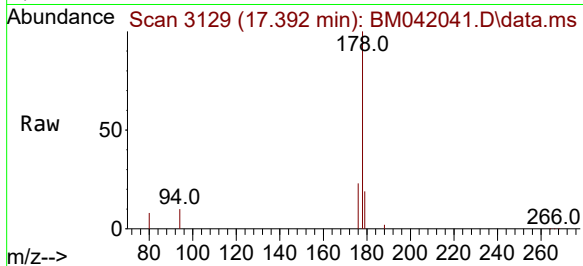




#15  
Phenanthrene  
Concen: 1.244 ng/ul  
RT: 17.392 min Scan# 3129  
Delta R.T. -0.004 min  
Lab File: BM042041.D  
Acq: 25 Sep 2023 20:24

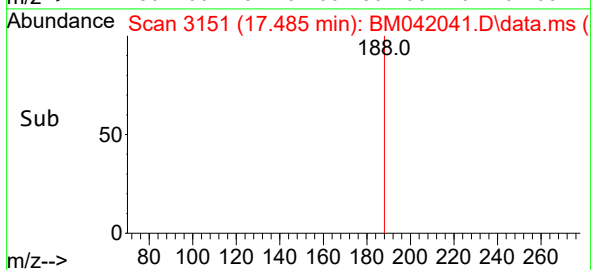
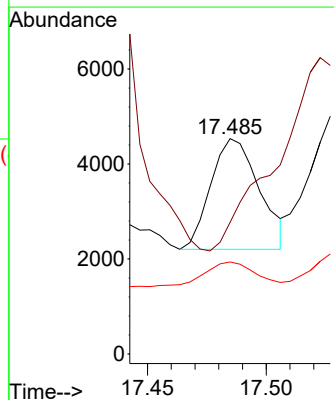
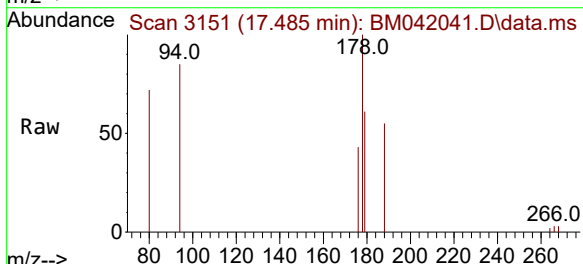
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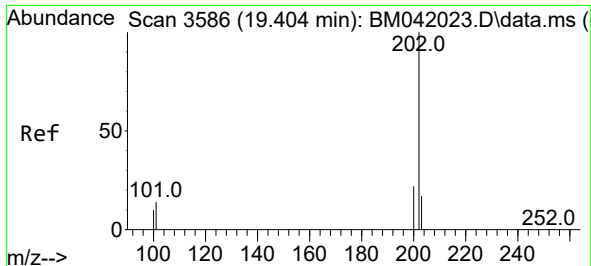
Tgt Ion:178 Resp: 68590  
Ion Ratio Lower Upper  
178 100  
179 19.3 12.7 19.1#  
176 22.7 16.6 24.8



#16  
Anthracene  
Concen: 0.069 ng/ul  
RT: 17.485 min Scan# 3151  
Delta R.T. -0.004 min  
Lab File: BM042041.D  
Acq: 25 Sep 2023 20:24

Tgt Ion:178 Resp: 3309  
Ion Ratio Lower Upper  
178 100  
179 61.2 12.9 19.3#  
176 42.7 16.2 24.2#

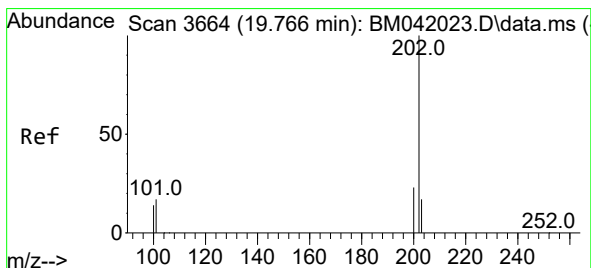
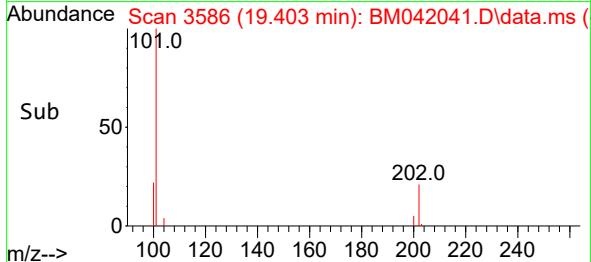
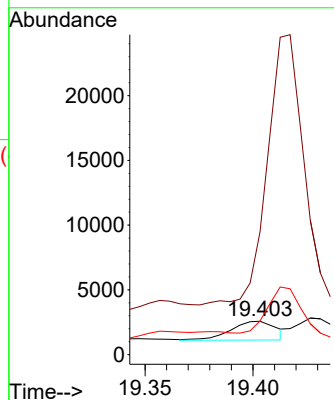
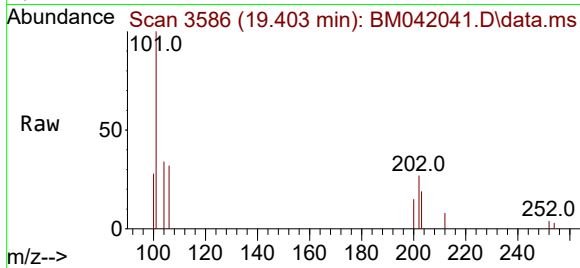




#19  
Fluoranthene  
Concen: 0.034 ng/ul  
RT: 19.403 min Scan# 3586  
Delta R.T. -0.000 min  
Lab File: BM042041.D  
Acq: 25 Sep 2023 20:24

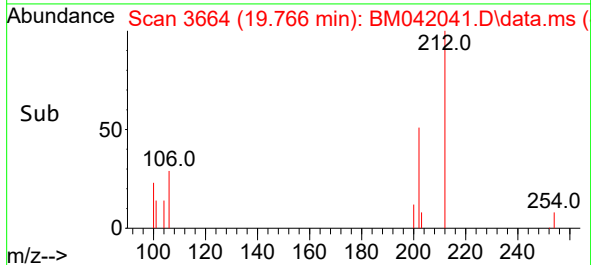
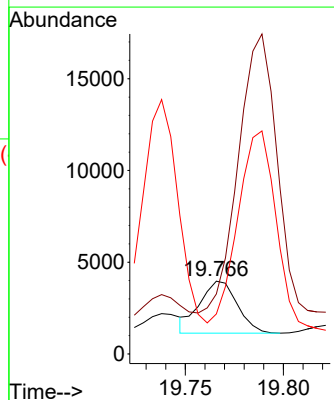
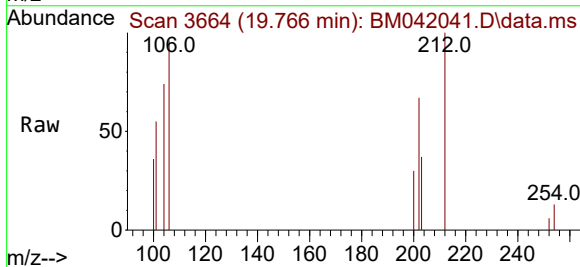
Instrument :  
BNA\_M  
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Tgt Ion:202 Resp: 2089  
Ion Ratio Lower Upper  
202 100  
101 368.4 11.8 17.6#  
100 101.3 9.1 13.7#

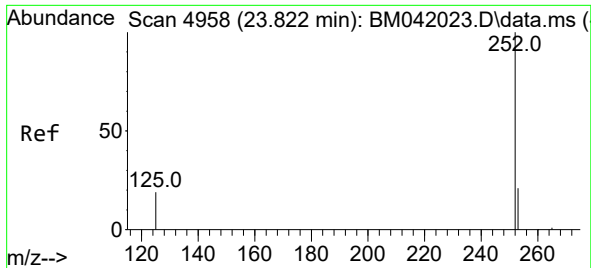


#20  
Pyrene  
Concen: 0.062 ng/ul  
RT: 19.766 min Scan# 3664  
Delta R.T. -0.005 min  
Lab File: BM042041.D  
Acq: 25 Sep 2023 20:24

Tgt Ion:202 Resp: 3765  
Ion Ratio Lower Upper  
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101 82.3 14.1 21.1#  
100 54.8 11.4 17.0#

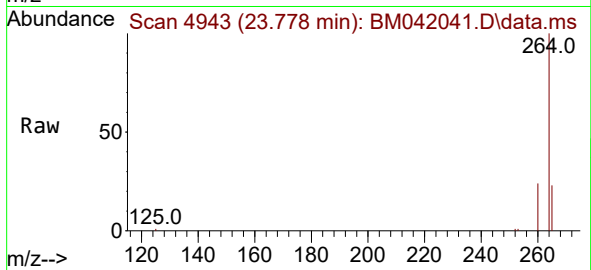






#26  
Benzo(a)pyrene  
Concen: 0.063 ng/ul  
RT: 23.778 min Scan# 4943  
Delta R.T. -0.050 min  
Lab File: BM042041.D  
Acq: 25 Sep 2023 20:24

Instrument :  
BNA\_M  
ClientSampleId :  
BBBL8



Tgt Ion:252 Resp: 2285  
Ion Ratio Lower Upper  
252 100  
253 84.1 23.2 34.8#  
125 87.0 22.5 33.7#

