

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082923\  
 Data File : BM041631.D  
 Acq On : 01 Sep 2023 00:51  
 Operator : MA/JU  
 Sample : 04148-09  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BBJ94

Quant Time: Sep 01 02:10:54 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM082923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 30 01:50:06 2023  
 Response via : Initial Calibration

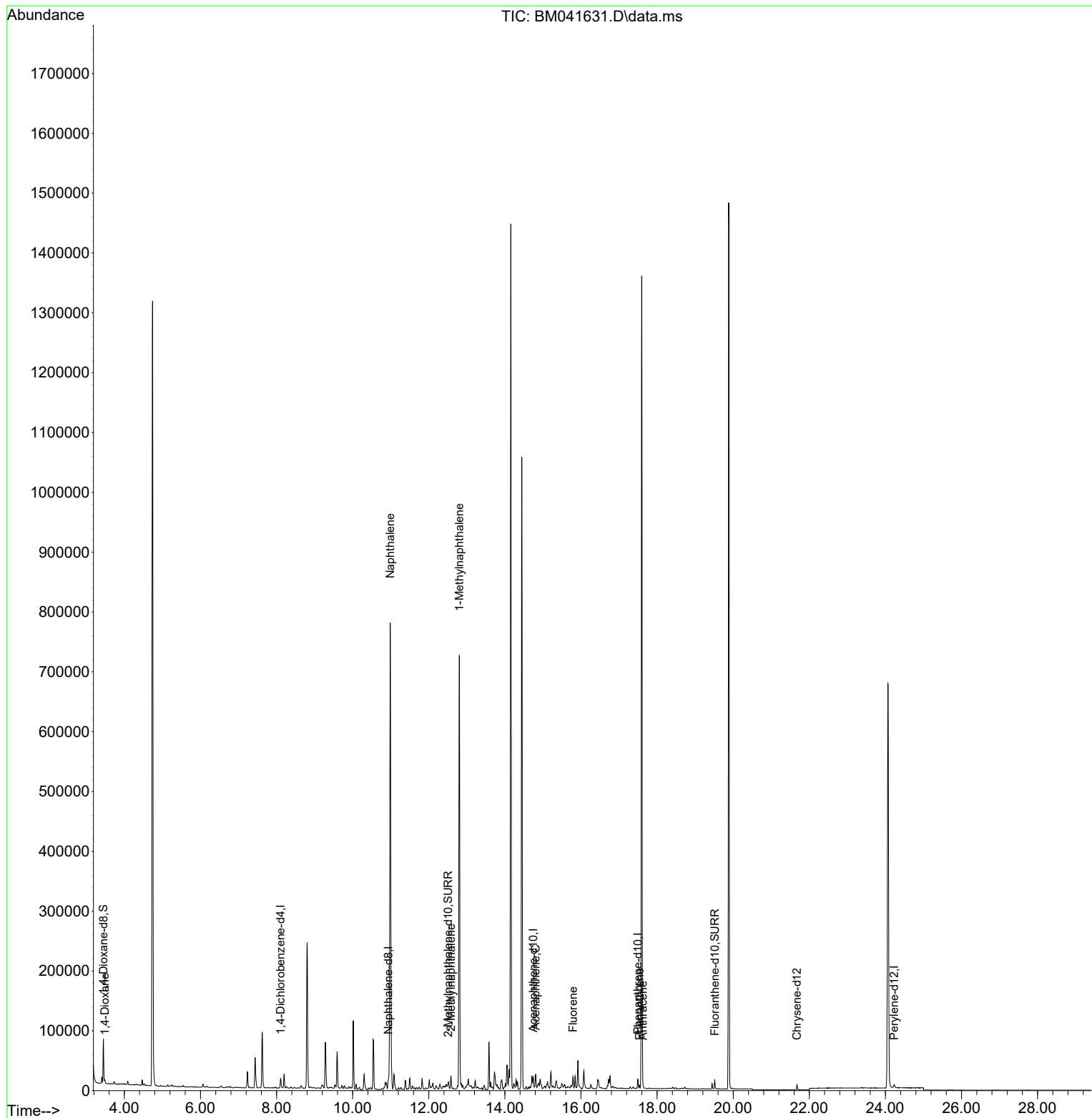
| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.106  | 152  | 7224     | 0.400  | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.939 | 136  | 16806    | 0.400  | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.745 | 164  | 8423     | 0.400  | ng/ul  | # 0.00   |
| 13) Phenanthrene-d10        | 17.493 | 188  | 16381    | 0.400  | ng/ul  | #-0.01   |
| 17) Chrysene-d12            | 21.676 | 240  | 6311     | 0.400  | ng/ul  | -0.01    |
| 23) Perylene-d12            | 24.231 | 264  | 7819     | 0.400  | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.448  | 96   | 41167    | 3.861  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.511 | 152  | 6722     | 0.332  | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.515 | 212  | 11498    | 0.369  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane              | 3.486  | 88   | 2878     | 0.253  | ng/ul# | 87       |
| 5) Naphthalene              | 10.988 | 128  | 1063345  | 19.790 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.583 | 142  | 14119    | 0.463  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.803 | 142  | 456631   | 14.826 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.810 | 153  | 13140    | 0.324  | ng/ul  | 94       |
| 12) Fluorene                | 15.790 | 166  | 11555    | 0.262  | ng/ul  | 98       |
| 15) Phenanthrene            | 17.540 | 178  | 6159     | 0.086  | ng/ul# | 81       |
| 16) Anthracene              | 17.628 | 178  | 1692     | 0.027  | ng/ul# | 27       |
| -----                       |        |      |          |        |        |          |

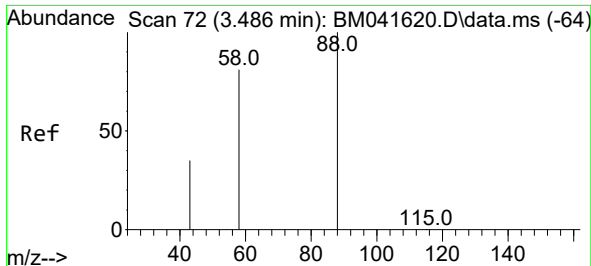
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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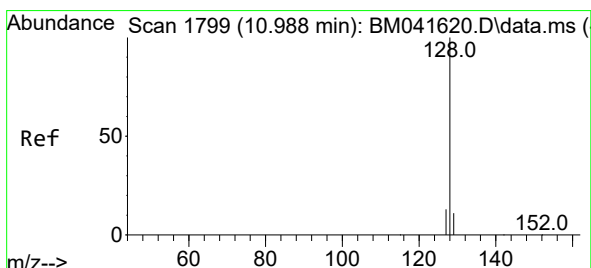
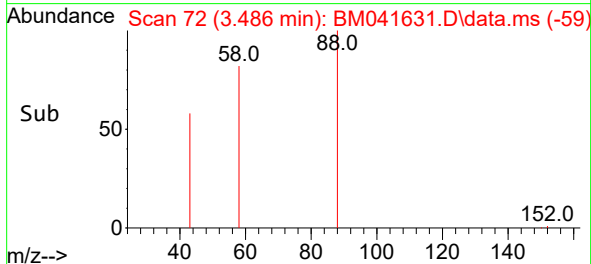
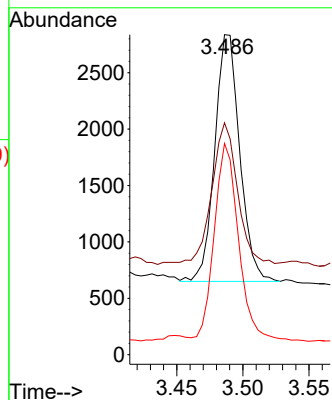
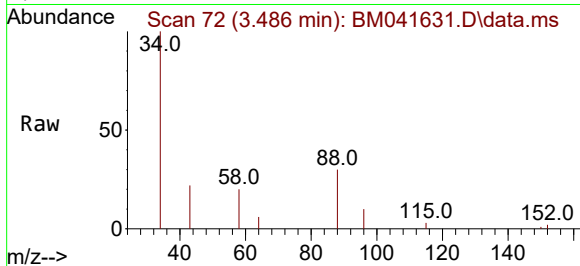




#2  
1,4-Dioxane  
Concen: 0.253 ng/ul  
RT: 3.486 min Scan# 71  
Delta R.T. -0.004 min  
Lab File: BM041631.D  
Acq: 01 Sep 2023 00:51

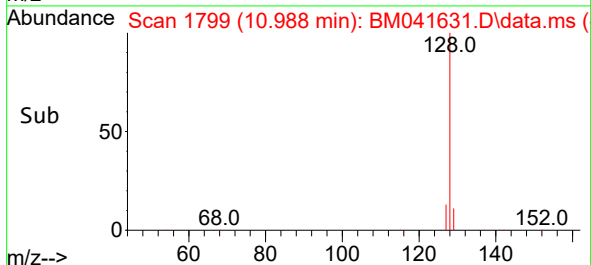
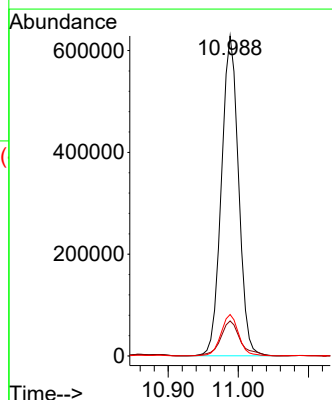
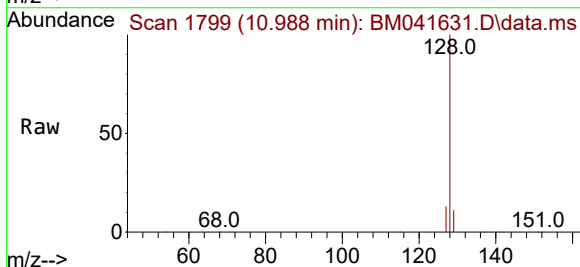
Instrument :  
BNA\_M  
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BBJ94

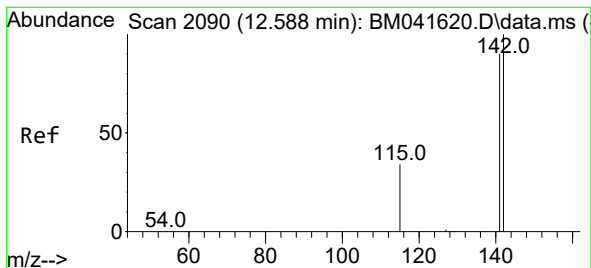
Tgt Ion: 88 Resp: 2878  
Ion Ratio Lower Upper  
88 100  
43 72.4 46.2 69.2#  
58 66.0 58.1 87.1



#5  
Naphthalene  
Concen: 19.790 ng/ul  
RT: 10.988 min Scan# 1799  
Delta R.T. -0.011 min  
Lab File: BM041631.D  
Acq: 01 Sep 2023 00:51

Tgt Ion:128 Resp: 1063345  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.1 13.7  
127 13.0 10.6 15.8





#7

2-Methylnaphthalene

Concen: 0.463 ng/ul

RT: 12.583 min Scan# 2090

Delta R.T. -0.011 min

Lab File: BM041631.D

Acq: 01 Sep 2023 00:51

Instrument :

BNA\_M

ClientSampleId :

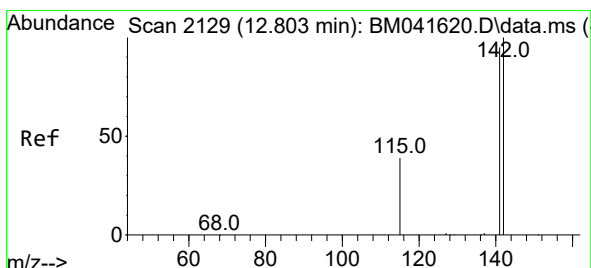
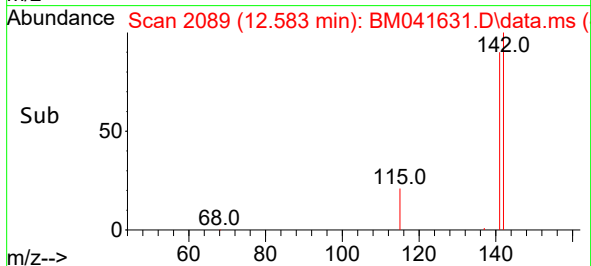
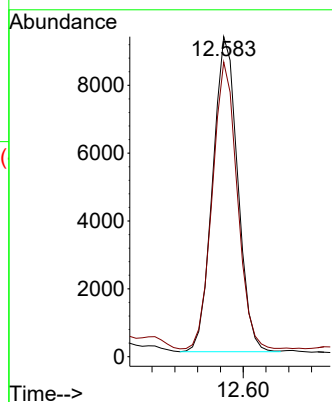
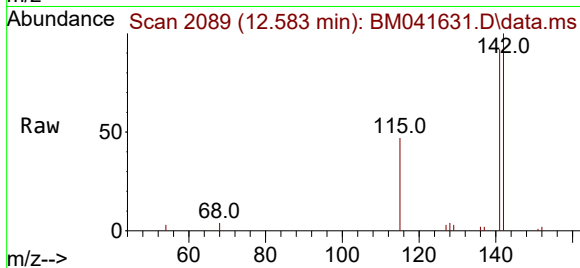
BBJ94

Tgt Ion:142 Resp: 14119

Ion Ratio Lower Upper

142 100

141 90.6 71.8 107.8



#8

1-Methylnaphthalene

Concen: 14.826 ng/ul

RT: 12.803 min Scan# 2129

Delta R.T. -0.011 min

Lab File: BM041631.D

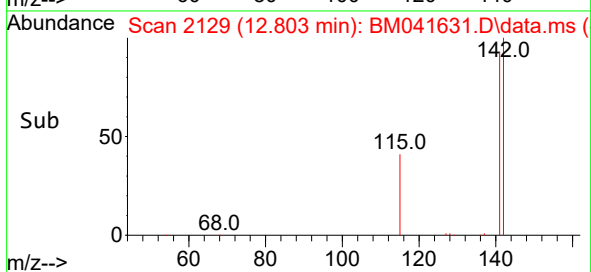
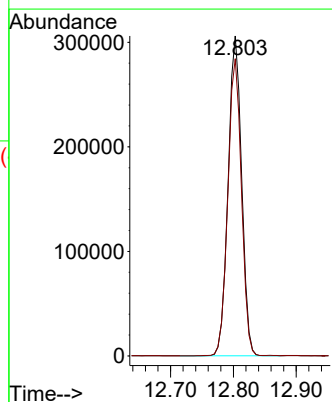
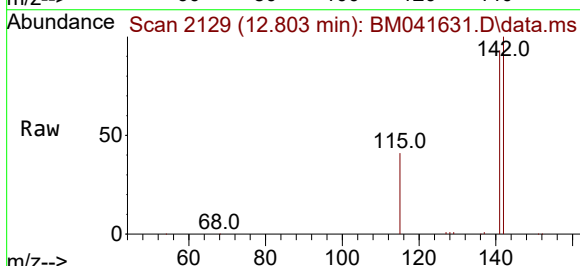
Acq: 01 Sep 2023 00:51

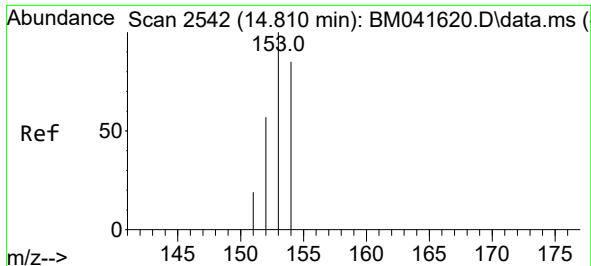
Tgt Ion:142 Resp: 456631

Ion Ratio Lower Upper

142 100

141 93.4 74.2 111.2

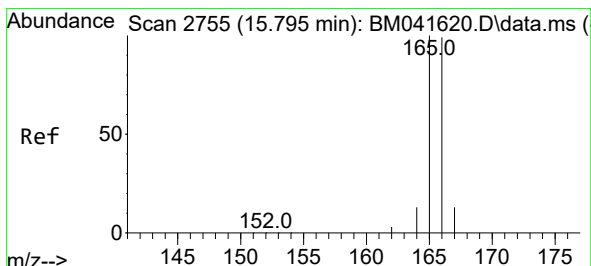
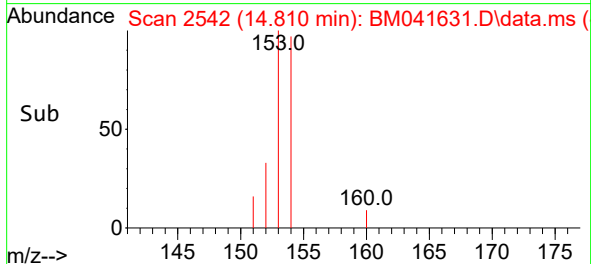
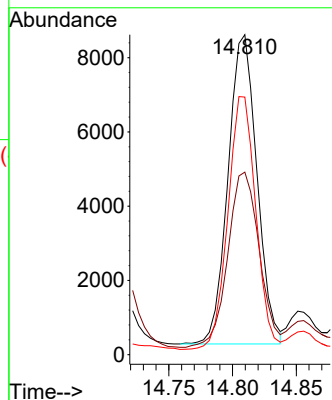
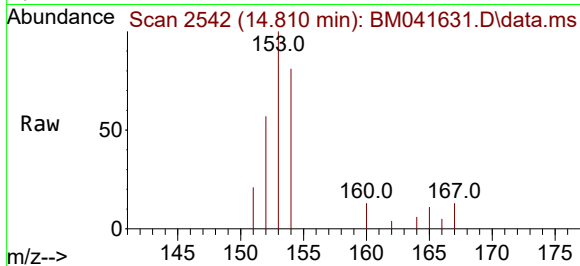




#11  
Acenaphthene  
Concen: 0.324 ng/ul  
RT: 14.810 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BM041631.D  
Acq: 01 Sep 2023 00:51

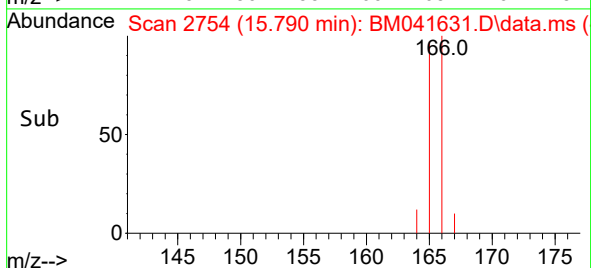
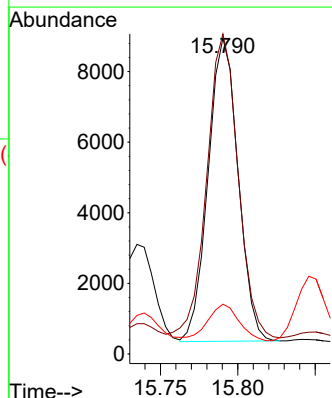
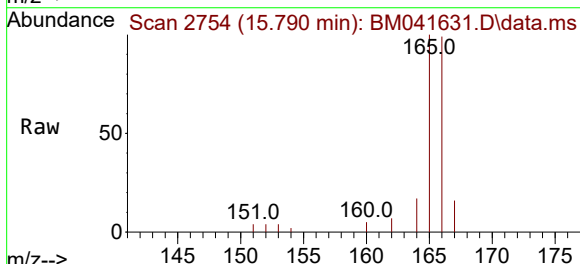
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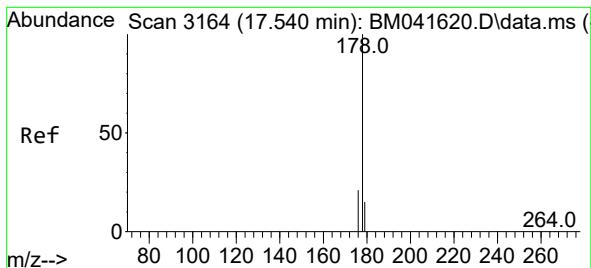
Tgt Ion:153 Resp: 13140  
Ion Ratio Lower Upper  
153 100  
152 57.0 43.4 65.2  
154 80.5 70.2 105.2



#12  
Fluorene  
Concen: 0.262 ng/ul  
RT: 15.790 min Scan# 2754  
Delta R.T. -0.009 min  
Lab File: BM041631.D  
Acq: 01 Sep 2023 00:51

Tgt Ion:166 Resp: 11555  
Ion Ratio Lower Upper  
166 100  
165 101.3 82.2 123.2  
167 15.8 11.5 17.3





#15

Phenanthrene

Concen: 0.086 ng/ul

RT: 17.540 min Scan# 3164

Delta R.T. -0.008 min

Lab File: BM041631.D

Acq: 01 Sep 2023 00:51

Instrument :

BNA\_M

ClientSampleId :

BBJ94

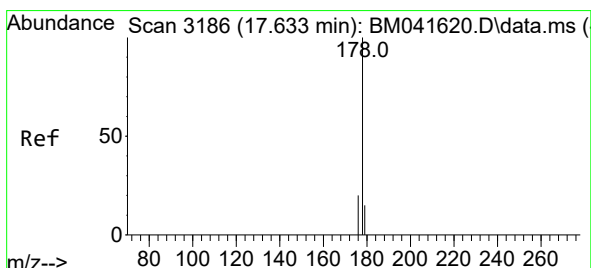
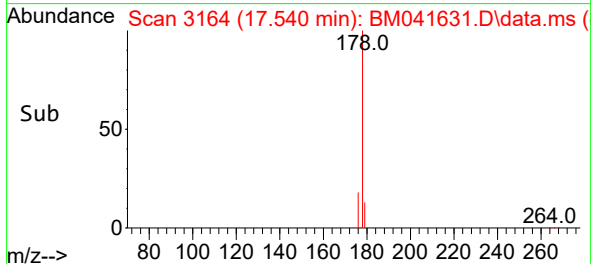
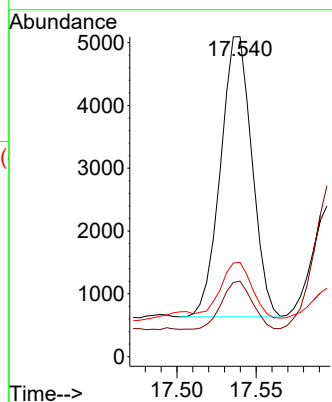
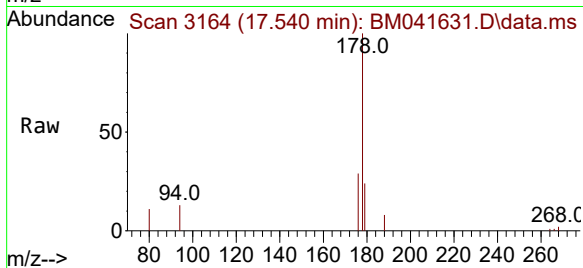
Tgt Ion:178 Resp: 6159

Ion Ratio Lower Upper

178 100

179 23.6 12.6 19.0#

176 29.5 16.2 24.4#



#16

Anthracene

Concen: 0.027 ng/ul

RT: 17.628 min Scan# 3185

Delta R.T. -0.012 min

Lab File: BM041631.D

Acq: 01 Sep 2023 00:51

Tgt Ion:178 Resp: 1692

Ion Ratio Lower Upper

178 100

179 47.2 12.9 19.3#

176 52.3 15.6 23.4#

