

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110921\  
 Data File : BM033030.D  
 Acq On : 12 Nov 2021 17:03  
 Operator : CG/JU  
 Sample : M4615-09  
 Misc :  
 ALS Vial : 126 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COV15

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021  
 Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 15 07:35:02 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM110921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 15 07:34:35 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.473  | 152  | 33543    | 0.400  | ng/ul  | # 0.02   |
| 4) Naphthalene-d8           | 10.252 | 136  | 7399     | 0.400  | ng/ul  | # 0.03   |
| 9) Acenaphthene-d10         | 14.117 | 164  | 4890m    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.862 | 188  | 7749     | 0.400  | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.270 | 240  | 4735m    | 0.400  | ng/ul  | 0.22     |
| 23) Perylene-d12            | 23.200 | 264  | 4814m    | 0.400  | ng/ul  | 0.05     |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 2.898  | 96   | 3866     | 0.090  | ng/ul  | 0.04     |
| 6) 2-Methylnaphthalene-d10  | 11.835 | 152  | 2584     | 0.246  | ng/ul  | 0.01     |
| 18) Fluoranthene-d10        | 18.892 | 212  | 3427     | 0.239  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          | Qvalue |        |          |
| 5) Naphthalene              | 10.306 | 128  | 1418528  | 66.024 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 11.907 | 142  | 90895    | 6.107  | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.132 | 142  | 50090    | 3.437  | ng/ul  | 100      |
| 11) Acenaphthene            | 14.182 | 153  | 373      | 0.020  | ng/ul# | 85       |
| 12) Fluorene                | 15.167 | 166  | 599      | 0.027  | ng/ul# | 79       |
| 15) Phenanthrene            | 16.900 | 178  | 5923     | 0.230  | ng/ul# | 89       |
| 19) Fluoranthene            | 18.923 | 202  | 2406     | 0.108  | ng/ul# | 1        |
| 20) Pyrene                  | 19.289 | 202  | 2131m    | 0.092  | ng/ul  |          |
| -----                       |        |      |          |        |        |          |

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

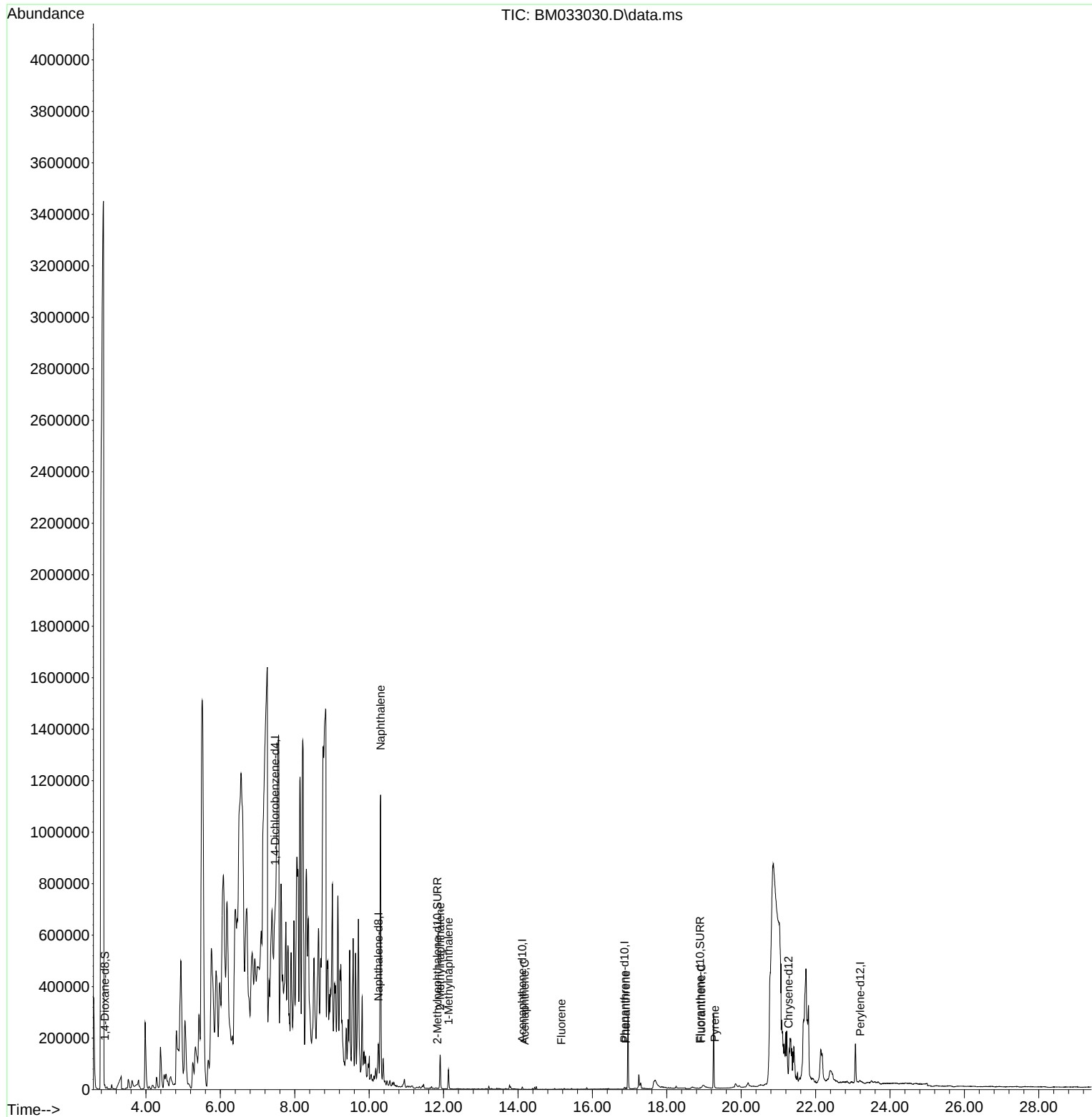
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110921\  
Data File : BM033030.D  
Acq On : 12 Nov 2021 17:03  
Operator : CG/JU  
Sample : M4615-09  
Misc :  
ALS Vial : 126 Sample Multiplier: 1

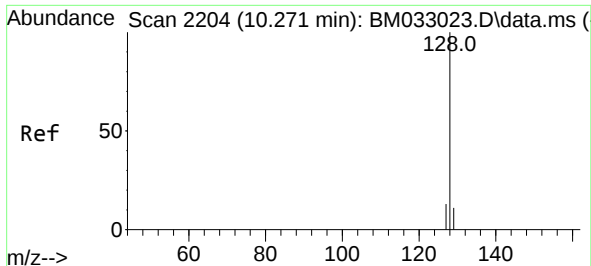
Instrument :  
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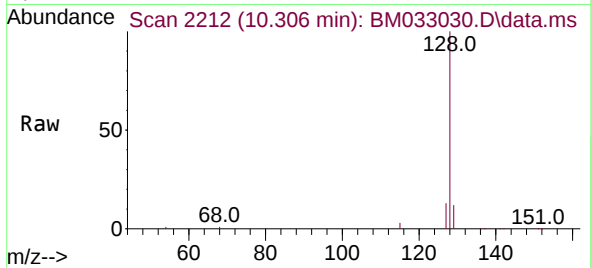
Quant Time: Nov 15 07:35:02 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM110921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 15 07:34:35 2021  
Response via : Initial Calibration





#5  
Naphthalene  
Concen: 66.024 ng/ul  
RT: 10.306 min Scan# 211  
Delta R.T. 0.035 min  
Lab File: BM033030.D  
Acq: 12 Nov 2021 17:03

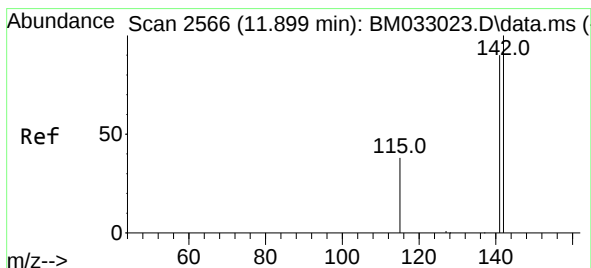
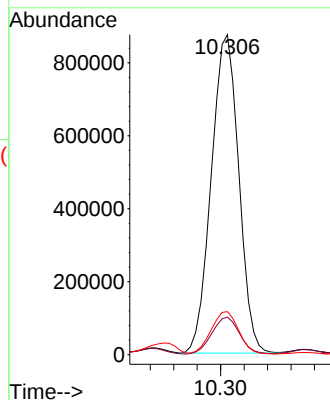
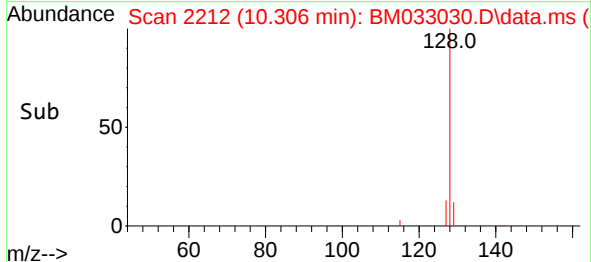
Instrument :  
BNA\_M  
ClientSampleId :  
COV15



Tgt Ion:128 Resp: 1418528  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.8 14.6  
127 13.5 11.8 17.8

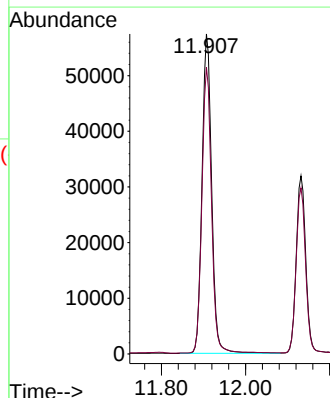
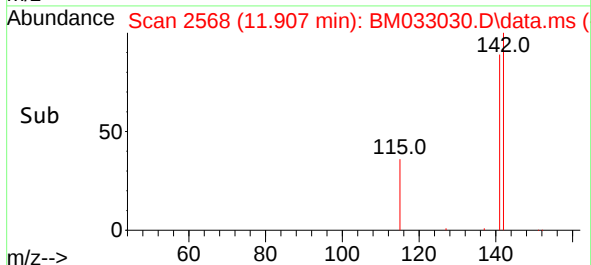
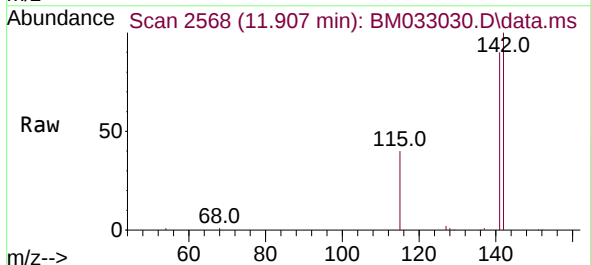
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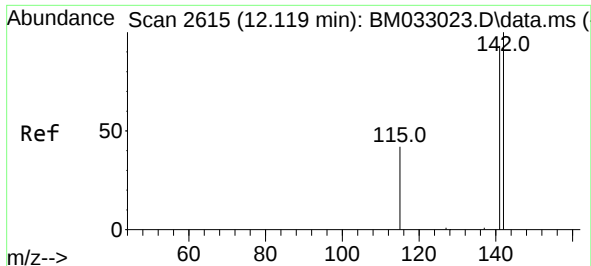
Reviewed By :Jagrut Upadhyay 11/15/2021  
Supervised By :mohammad ahmed 11/17/2021



#7  
2-Methylnaphthalene  
Concen: 6.107 ng/ul  
RT: 11.907 min Scan# 2568  
Delta R.T. 0.008 min  
Lab File: BM033030.D  
Acq: 12 Nov 2021 17:03

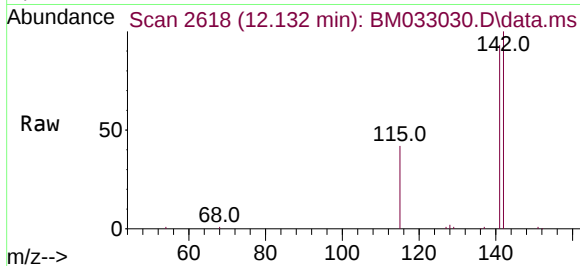
Tgt Ion:142 Resp: 90895  
Ion Ratio Lower Upper  
142 100  
141 89.5 73.3 109.9





#8  
1-Methylnaphthalene  
Concen: 3.437 ng/ul  
RT: 12.132 min Scan# 2090  
Delta R.T. 0.013 min  
Lab File: BM033030.D  
Acq: 12 Nov 2021 17:03

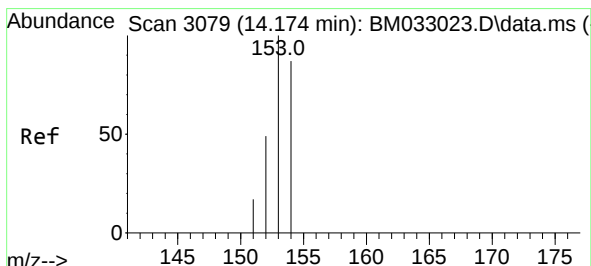
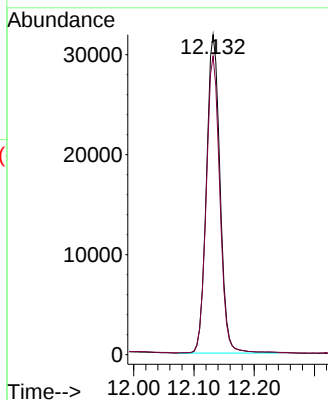
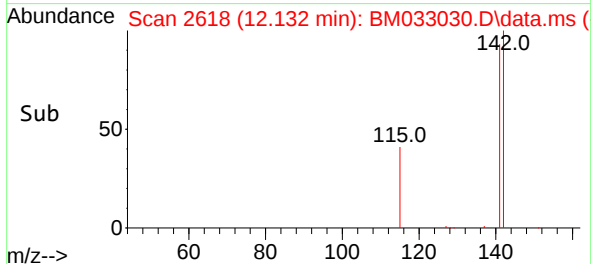
Instrument :  
BNA\_M  
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Tgt Ion:142 Resp: 50090  
Ion Ratio Lower Upper  
142 100  
141 92.8 74.5 111.7

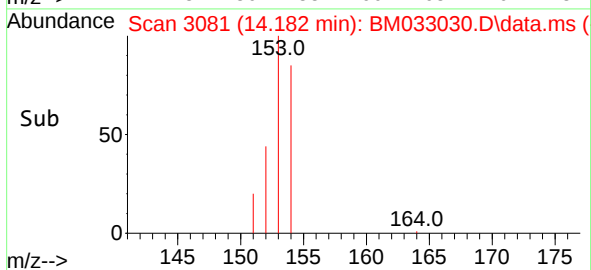
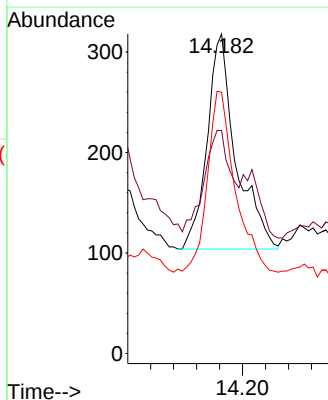
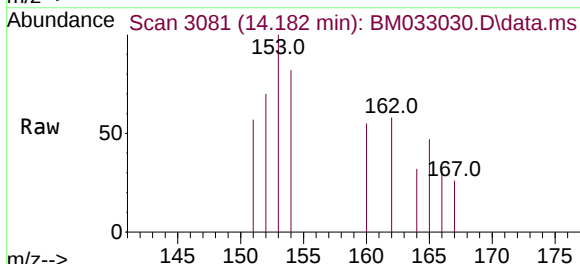
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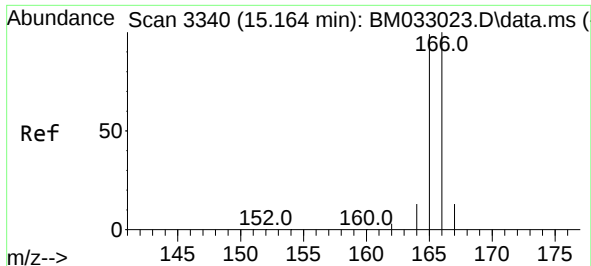
Reviewed By :Jagrut Upadhyay 11/15/2021  
Supervised By :mohammad ahmed 11/17/2021



#11  
Acenaphthene  
Concen: 0.020 ng/ul  
RT: 14.182 min Scan# 3081  
Delta R.T. 0.007 min  
Lab File: BM033030.D  
Acq: 12 Nov 2021 17:03

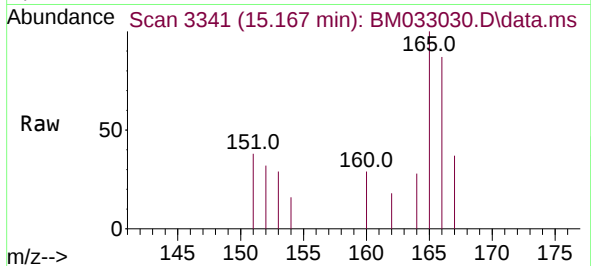
Tgt Ion:153 Resp: 373  
Ion Ratio Lower Upper  
153 100  
152 69.8 40.6 60.8#  
154 81.8 70.8 106.2





#12  
Fluorene  
Concen: 0.027 ng/ul  
RT: 15.167 min Scan# 31  
Delta R.T. 0.004 min  
Lab File: BM033030.D  
Acq: 12 Nov 2021 17:03

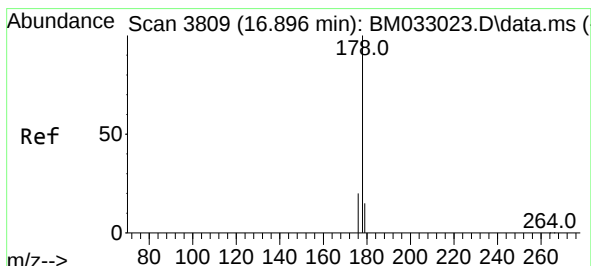
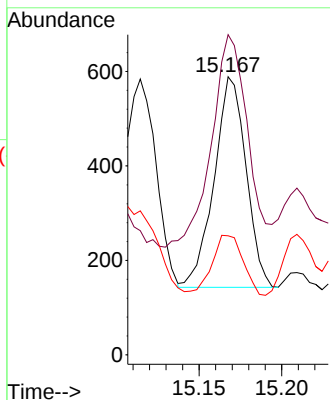
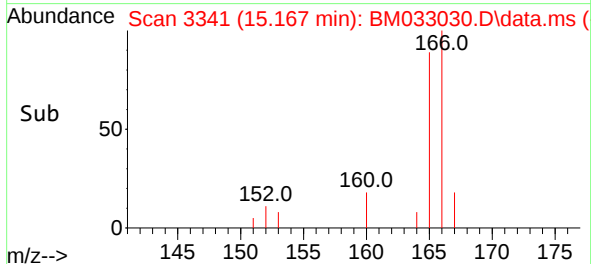
Instrument :  
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Tgt Ion:166 Resp: 599  
Ion Ratio Lower Upper  
166 100  
165 115.1 80.8 121.2  
167 42.8 11.7 17.5

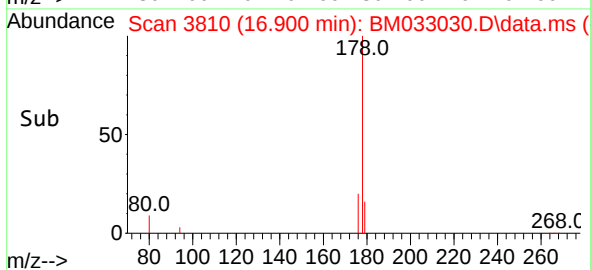
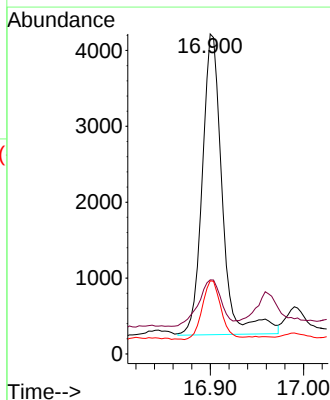
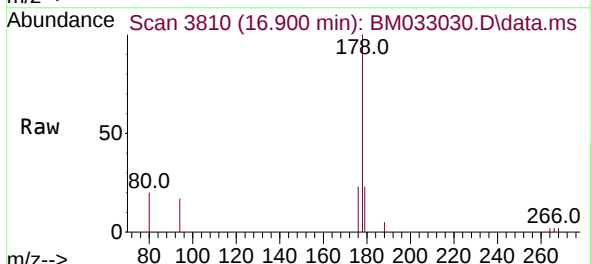
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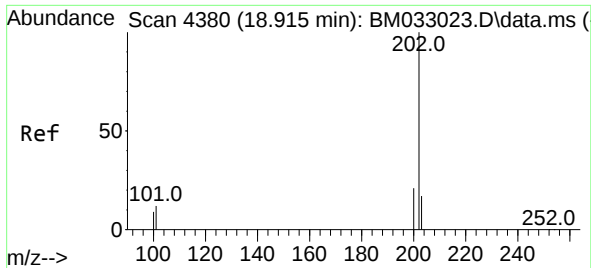
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Supervised By :mohammad ahmed 11/17/2021



#15  
Phenanthrene  
Concen: 0.230 ng/ul  
RT: 16.900 min Scan# 3810  
Delta R.T. 0.003 min  
Lab File: BM033030.D  
Acq: 12 Nov 2021 17:03

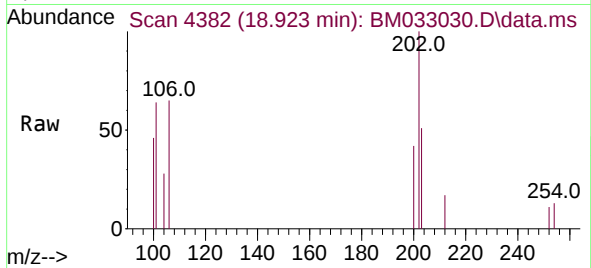
Tgt Ion:178 Resp: 5923  
Ion Ratio Lower Upper  
178 100  
179 23.2 12.9 19.3#  
176 22.8 16.0 24.0





#19  
Fluoranthene  
Concen: 0.108 ng/ul  
RT: 18.923 min Scan# 4380  
Delta R.T. 0.008 min  
Lab File: BM033030.D  
Acq: 12 Nov 2021 17:03

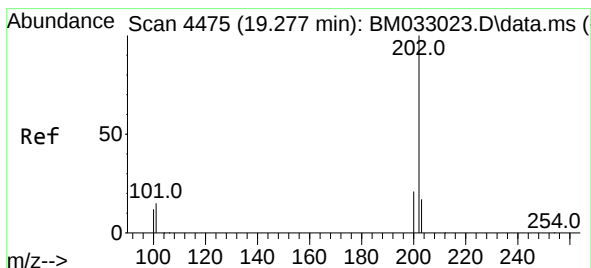
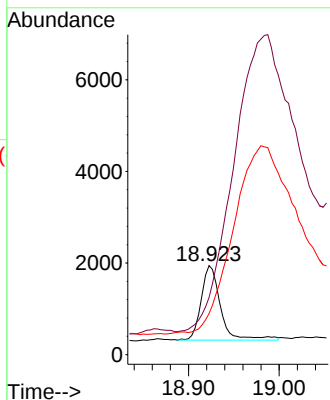
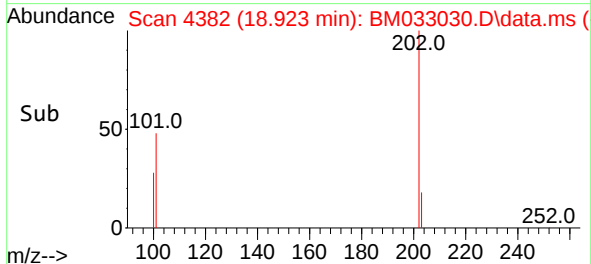
Instrument :  
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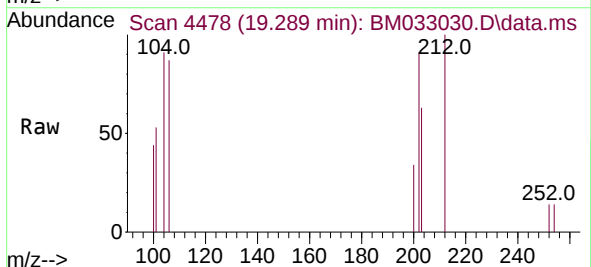
Tgt Ion:202 Resp: 2400  
Ion Ratio Lower Upper  
202 100  
101 64.2 9.9 14.9#  
100 46.0 7.3 10.9#

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#20  
Pyrene  
Concen: 0.092 ng/ul m  
RT: 19.289 min Scan# 4478  
Delta R.T. 0.011 min  
Lab File: BM033030.D  
Acq: 12 Nov 2021 17:03



Tgt Ion:202 Resp: 2131  
Ion Ratio Lower Upper  
202 100  
101 58.3 11.8 17.6#  
100 48.3 9.5 14.3#

