

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101322\  
 Data File : BM037019.D  
 Acq On : 13 Oct 2022 16:20  
 Operator : CG/JU  
 Sample : N4976-02DL 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB8X5DL

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2022  
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 13 23:35:14 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 11 09:03:52 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.942  | 152  | 7646     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.748 | 136  | 28434    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.570 | 164  | 16477    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.309 | 188  | 32137    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.479 | 240  | 20063    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.876 | 264  | 15037    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.344  | 96   | 3253     | 0.302 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.332 | 152  | 2276     | 0.053 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.331 | 212  | 4914     | 0.082 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.798 | 128  | 8903     | 0.110 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.404 | 142  | 1183     | 0.024 | ng/ul  | 94       |
| 8) 1-Methylnaphthalene      | 12.624 | 142  | 3048     | 0.060 | ng/ul  | 97       |
| 10) Acenaphthylene          | 14.293 | 152  | 1915     | 0.028 | ng/ul# | 33       |
| 11) Acenaphthene            | 14.630 | 153  | 85521    | 1.439 | ng/ul  | 98       |
| 12) Fluorene                | 15.616 | 166  | 39623    | 0.588 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.351 | 178  | 4467     | 0.044 | ng/ul# | 75       |
| 16) Anthracene              | 17.440 | 178  | 6016     | 0.070 | ng/ul# | 80       |
| 19) Fluoranthene            | 19.359 | 202  | 5654     | 0.071 | ng/ul# | 79       |
| 20) Pyrene                  | 19.721 | 202  | 4038m    | 0.049 | ng/ul  |          |
| -----                       |        |      |          |       |        |          |

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

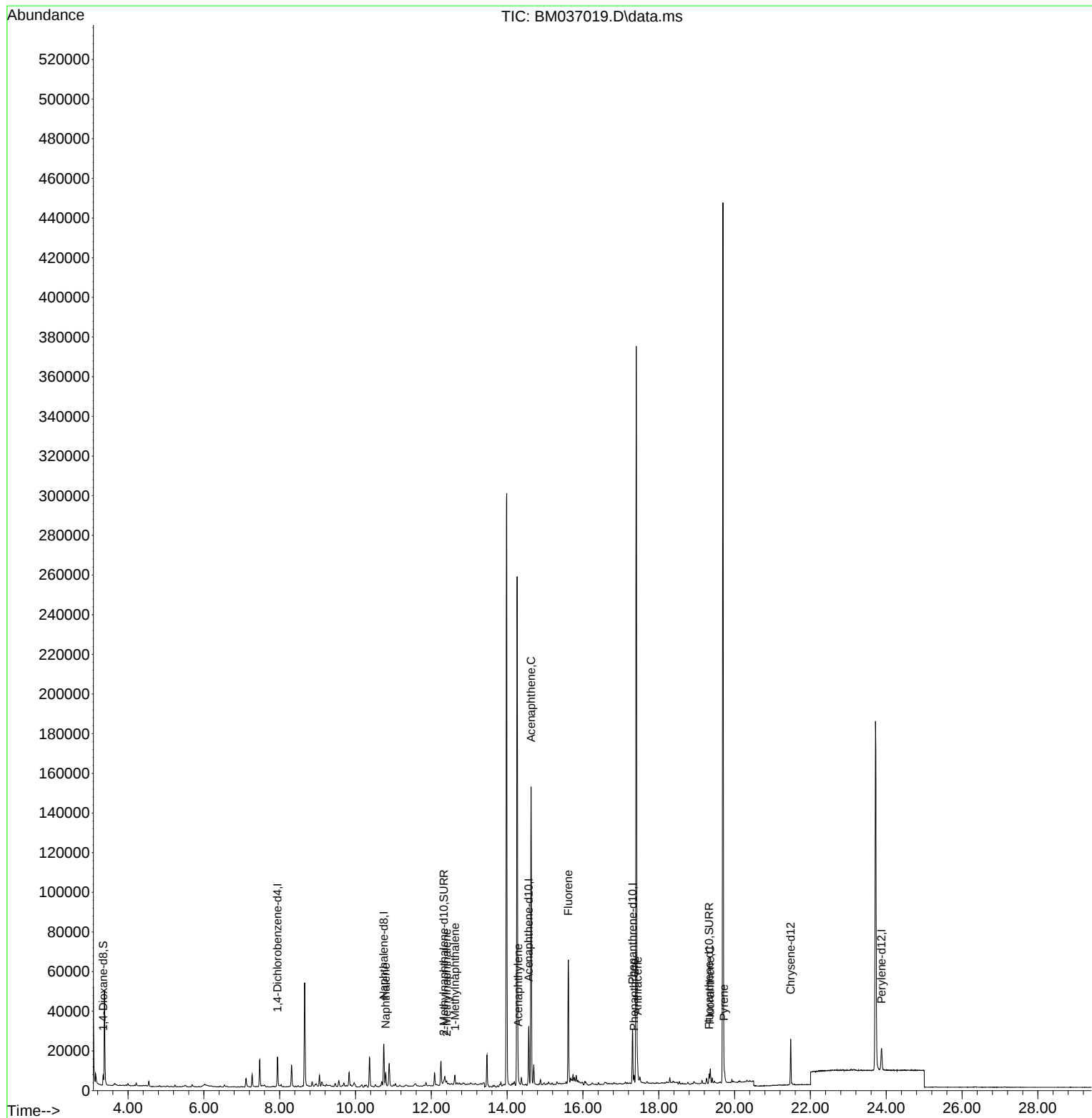
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101322\  
Data File : BM037019.D  
Acq On : 13 Oct 2022 16:20  
Operator : CG/JU  
Sample : N4976-02DL 5X  
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ALS Vial : 13 Sample Multiplier: 1

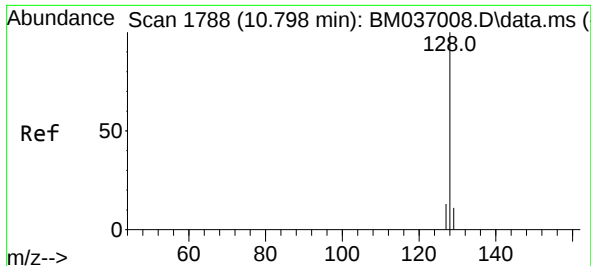
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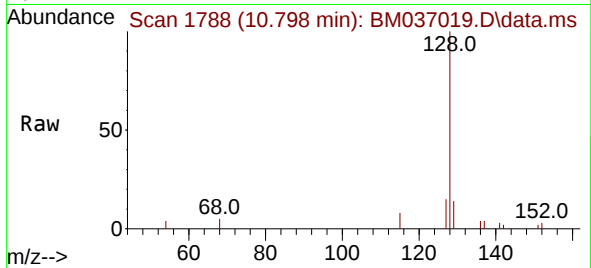
Quant Time: Oct 13 23:35:14 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 11 09:03:52 2022  
Response via : Initial Calibration





#5  
Naphthalene  
Concen: 0.110 ng/ul  
RT: 10.798 min Scan# 1788  
Delta R.T. -0.005 min  
Lab File: BM037019.D  
Acq: 13 Oct 2022 16:20

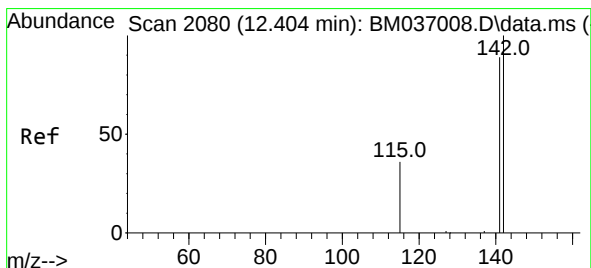
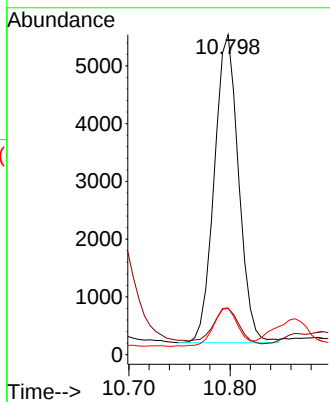
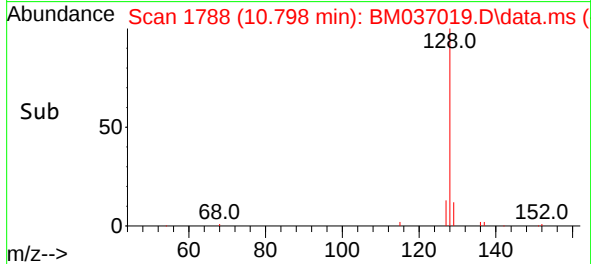
Instrument :  
BNA\_M  
ClientSampleId :  
CB8X5DL



Tgt Ion:128 Resp: 890  
Ion Ratio Lower Upper  
128 100  
129 14.4 10.2 15.2  
127 14.6 11.7 17.5

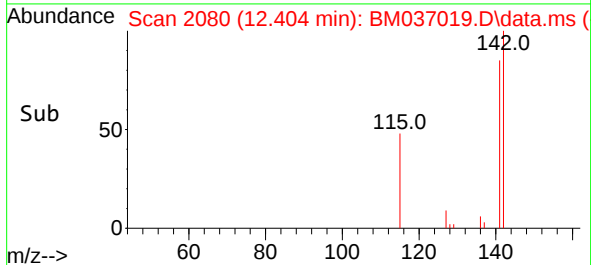
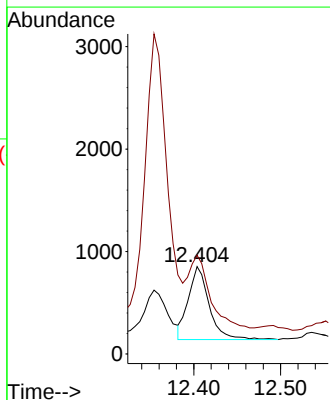
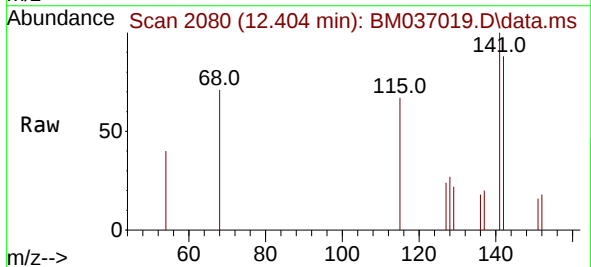
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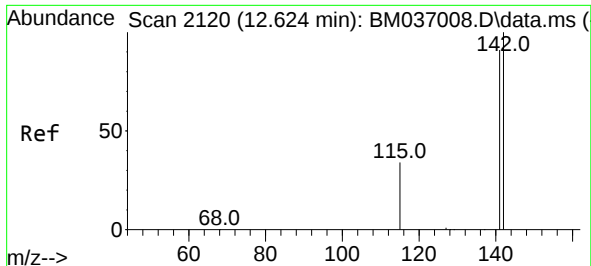
Reviewed By :Jagrut Upadhyay 10/14/2022  
Supervised By :mohammad ahmed 10/16/2022



#7  
2-Methylnaphthalene  
Concen: 0.024 ng/ul  
RT: 12.404 min Scan# 2080  
Delta R.T. -0.011 min  
Lab File: BM037019.D  
Acq: 13 Oct 2022 16:20

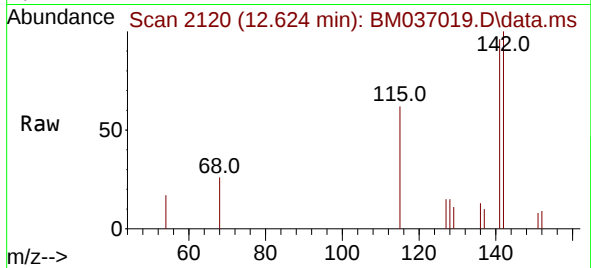
Tgt Ion:142 Resp: 1183  
Ion Ratio Lower Upper  
142 100  
141 102.3 77.4 116.0





#8  
1-Methylnaphthalene  
Concen: 0.060 ng/ul  
RT: 12.624 min Scan# 2120  
Delta R.T. -0.005 min  
Lab File: BM037019.D  
Acq: 13 Oct 2022 16:20

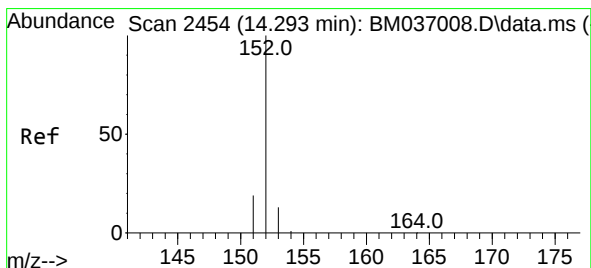
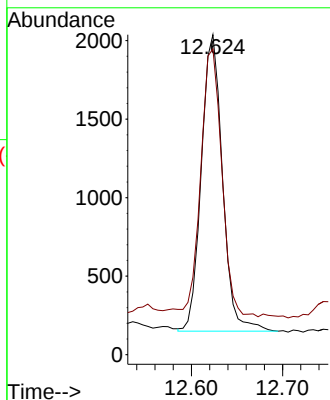
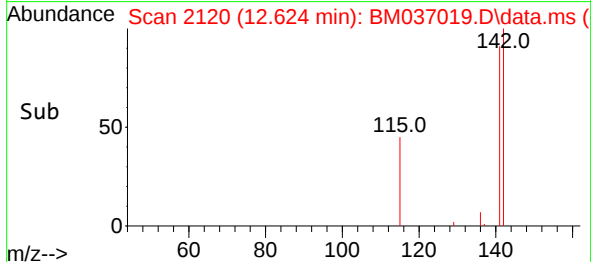
Instrument :  
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Tgt Ion:142 Resp: 3048  
Ion Ratio Lower Upper  
142 100  
141 90.0 74.1 111.1

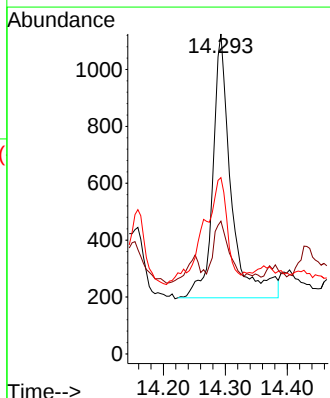
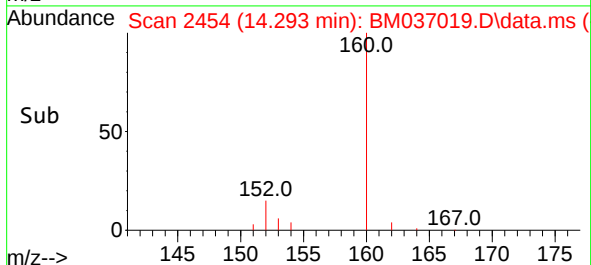
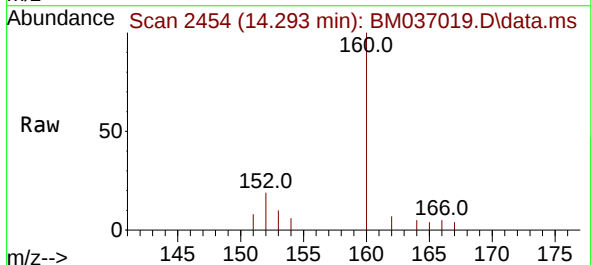
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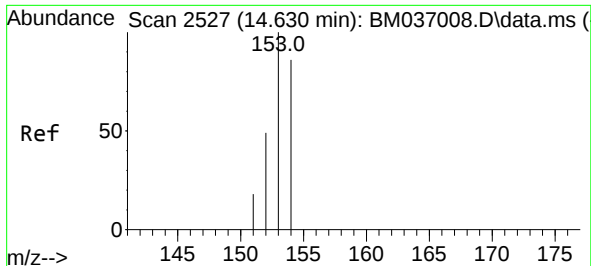
Reviewed By :Jagrut Upadhyay 10/14/2022  
Supervised By :mohammad ahmed 10/16/2022



#10  
Acenaphthylene  
Concen: 0.028 ng/ul  
RT: 14.293 min Scan# 2454  
Delta R.T. -0.005 min  
Lab File: BM037019.D  
Acq: 13 Oct 2022 16:20

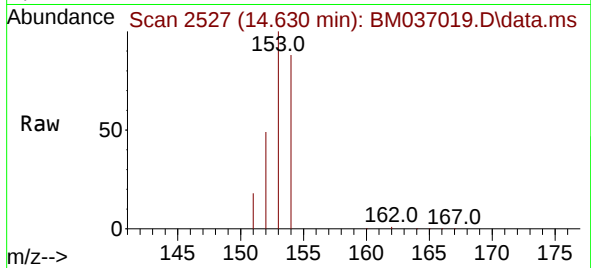
Tgt Ion:152 Resp: 1915  
Ion Ratio Lower Upper  
152 100  
151 41.5 16.6 24.8#  
153 55.1 11.4 17.0#





#11  
Acenaphthene  
Concen: 1.439 ng/ul  
RT: 14.630 min Scan# 2527  
Delta R.T. -0.009 min  
Lab File: BM037019.D  
Acq: 13 Oct 2022 16:20

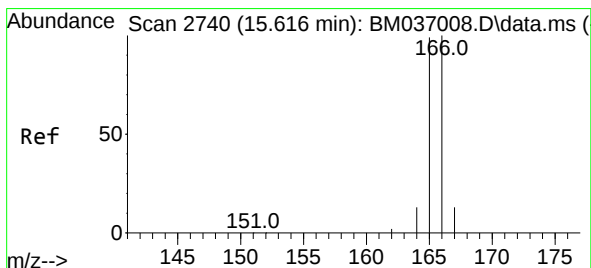
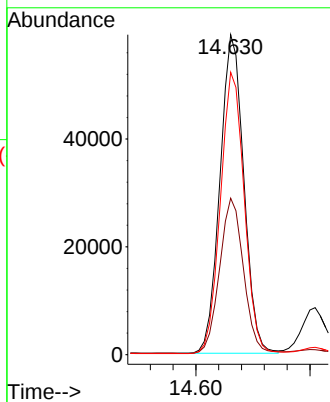
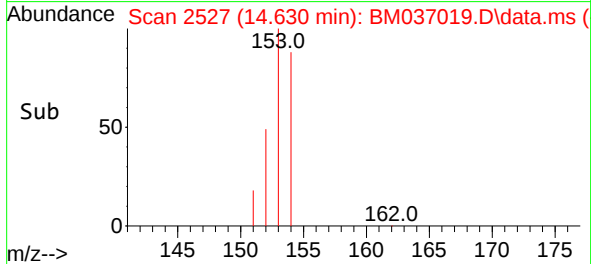
Instrument :  
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Tgt Ion:153 Resp: 8552  
Ion Ratio Lower Upper  
153 100  
152 48.9 40.2 60.4  
154 88.2 69.7 104.5

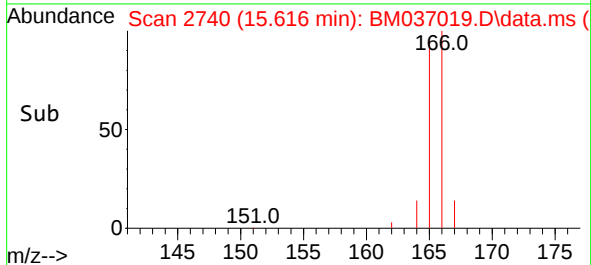
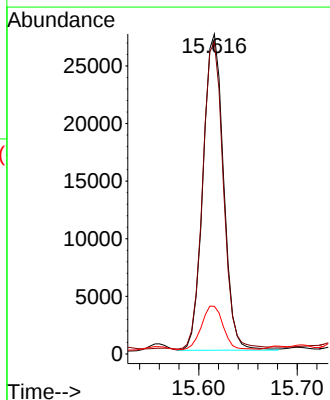
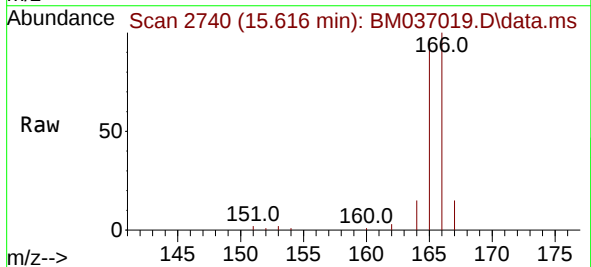
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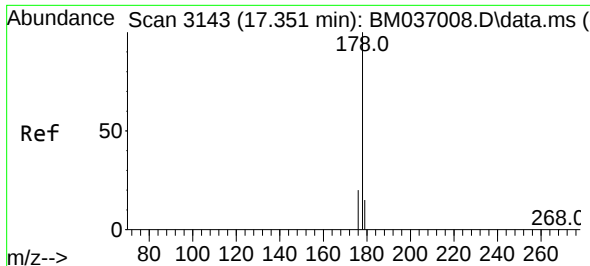
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#12  
Fluorene  
Concen: 0.588 ng/ul  
RT: 15.616 min Scan# 2740  
Delta R.T. -0.005 min  
Lab File: BM037019.D  
Acq: 13 Oct 2022 16:20

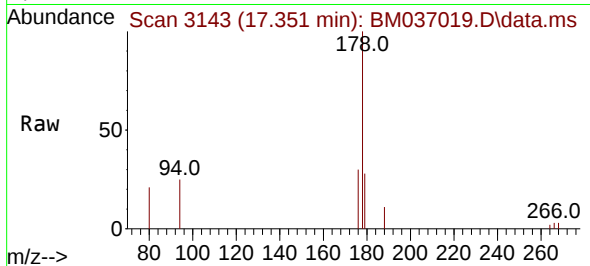
Tgt Ion:166 Resp: 39623  
Ion Ratio Lower Upper  
166 100  
165 97.4 78.9 118.3  
167 14.9 11.3 16.9





#15  
Phenanthrene  
Concen: 0.044 ng/ul  
RT: 17.351 min Scan# 3143  
Delta R.T. -0.004 min  
Lab File: BM037019.D  
Acq: 13 Oct 2022 16:20

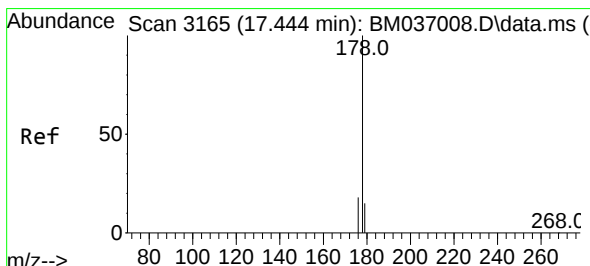
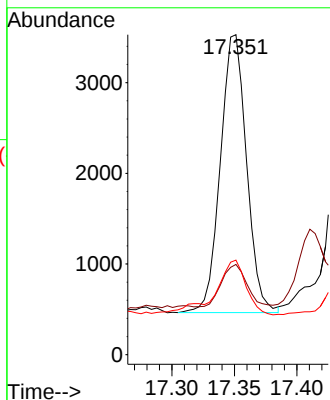
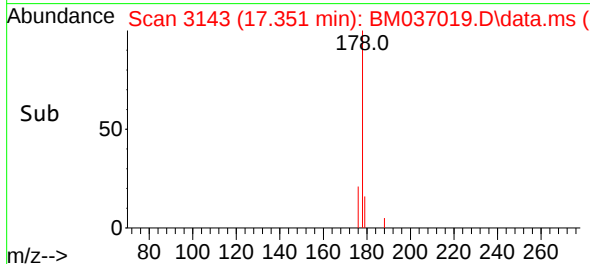
Instrument :  
BNA\_M  
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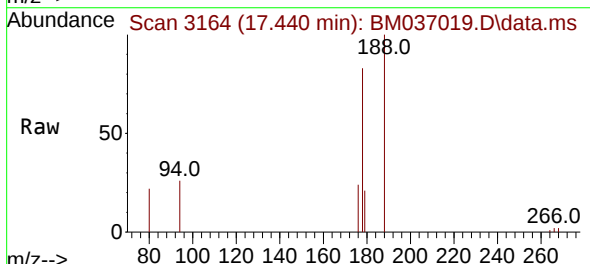
Tgt Ion:178 Resp: 446  
Ion Ratio Lower Upper  
178 100  
179 28.2 13.0 19.6#  
176 29.5 15.6 23.4#

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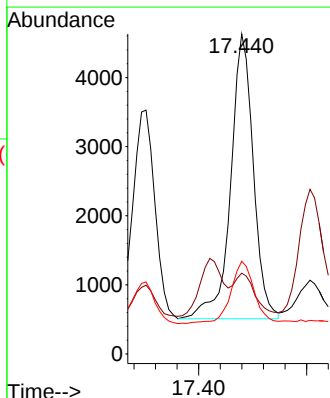
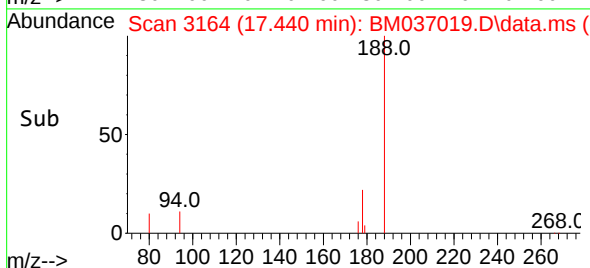
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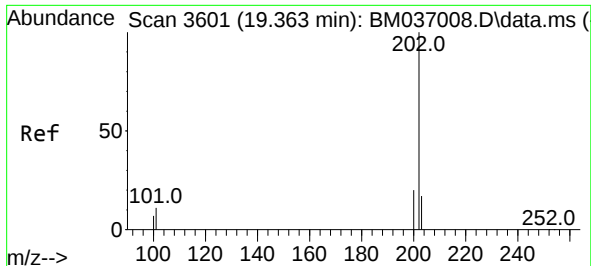


#16  
Anthracene  
Concen: 0.070 ng/ul  
RT: 17.440 min Scan# 3164  
Delta R.T. -0.008 min  
Lab File: BM037019.D  
Acq: 13 Oct 2022 16:20



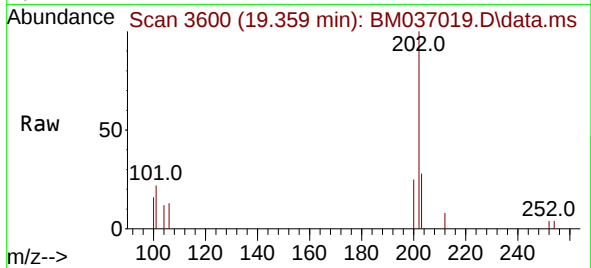
Tgt Ion:178 Resp: 6016  
Ion Ratio Lower Upper  
178 100  
179 25.2 13.6 20.4#  
176 28.9 15.6 23.4#





#19  
Fluoranthene  
Concen: 0.071 ng/ul  
RT: 19.359 min Scan# 3600  
Delta R.T. -0.005 min  
Lab File: BM037019.D  
Acq: 13 Oct 2022 16:20

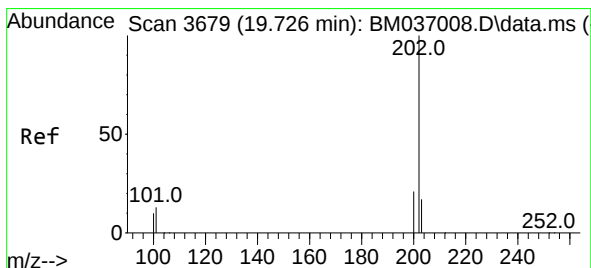
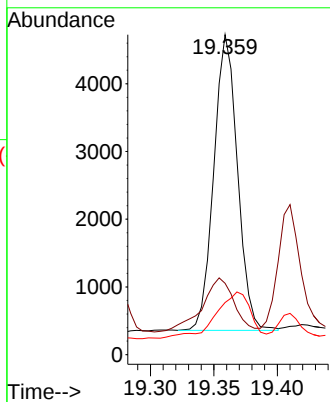
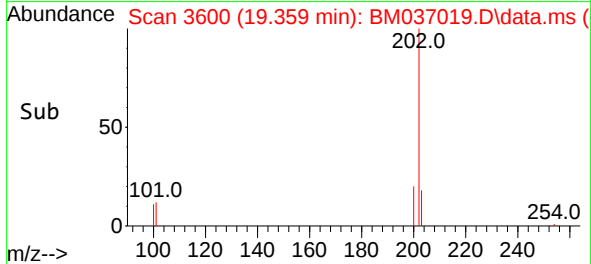
Instrument :  
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Tgt Ion:202 Resp: 5654  
Ion Ratio Lower Upper  
202 100  
101 22.3 10.1 15.1#  
100 16.3 7.9 11.9#

Manual Integrations  
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#20  
Pyrene  
Concen: 0.049 ng/ul m  
RT: 19.721 min Scan# 3678  
Delta R.T. -0.005 min  
Lab File: BM037019.D  
Acq: 13 Oct 2022 16:20

Tgt Ion:202 Resp: 4038  
Ion Ratio Lower Upper  
202 100  
101 24.3 12.0 18.0#  
100 18.8 9.8 14.6#

