

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111624\  
 Data File : BM048742.D  
 Acq On : 16 Nov 2024 15:15  
 Operator : RC/JU  
 Sample : P4803-05  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A0AP8

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024  
 Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 17 22:48:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM110624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Nov 17 22:31:02 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.629  | 152  | 3356     | 0.400 | ng/ul  | -0.05    |
| 4) Naphthalene-d8           | 10.410 | 136  | 10142    | 0.400 | ng/ul  | -0.03    |
| 9) Acenaphthene-d10         | 14.276 | 164  | 5869     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.024 | 188  | 11906m   | 0.400 | ng/ul  | -0.02    |
| 17) Chrysene-d12            | 21.217 | 240  | 10601m   | 0.400 | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.418 | 264  | 8811m    | 0.400 | ng/ul  | -0.02    |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.089  | 96   | 19583    | 4.837 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.010 | 152  | 4251     | 0.324 | ng/ul  | -0.04    |
| 18) Fluoranthene-d10        | 19.059 | 212  | 10795    | 0.363 | ng/ul  | -0.01    |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.459 | 128  | 3926     | 0.155 | ng/ul# | 82       |
| 7) 2-Methylnaphthalene      | 12.087 | 142  | 763      | 0.048 | ng/ul  | 92       |
| 8) 1-Methylnaphthalene      | 12.301 | 142  | 35091    | 2.143 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.994 | 152  | 1325     | 0.059 | ng/ul# | 35       |
| 11) Acenaphthene            | 14.341 | 153  | 14355    | 0.805 | ng/ul  | 98       |
| 12) Fluorene                | 15.331 | 166  | 11246    | 0.581 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.066 | 178  | 19213m   | 0.614 | ng/ul  |          |
| 16) Anthracene              | 17.155 | 178  | 4011m    | 0.138 | ng/ul  |          |
| 19) Fluoranthene            | 19.087 | 202  | 3239     | 0.083 | ng/ul# | 71       |
| 20) Pyrene                  | 19.449 | 202  | 2775     | 0.065 | ng/ul# | 73       |
| 22) Chrysene                | 21.255 | 228  | 1311     | 0.031 | ng/ul# | 47       |
| -----                       |        |      |          |       |        |          |

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

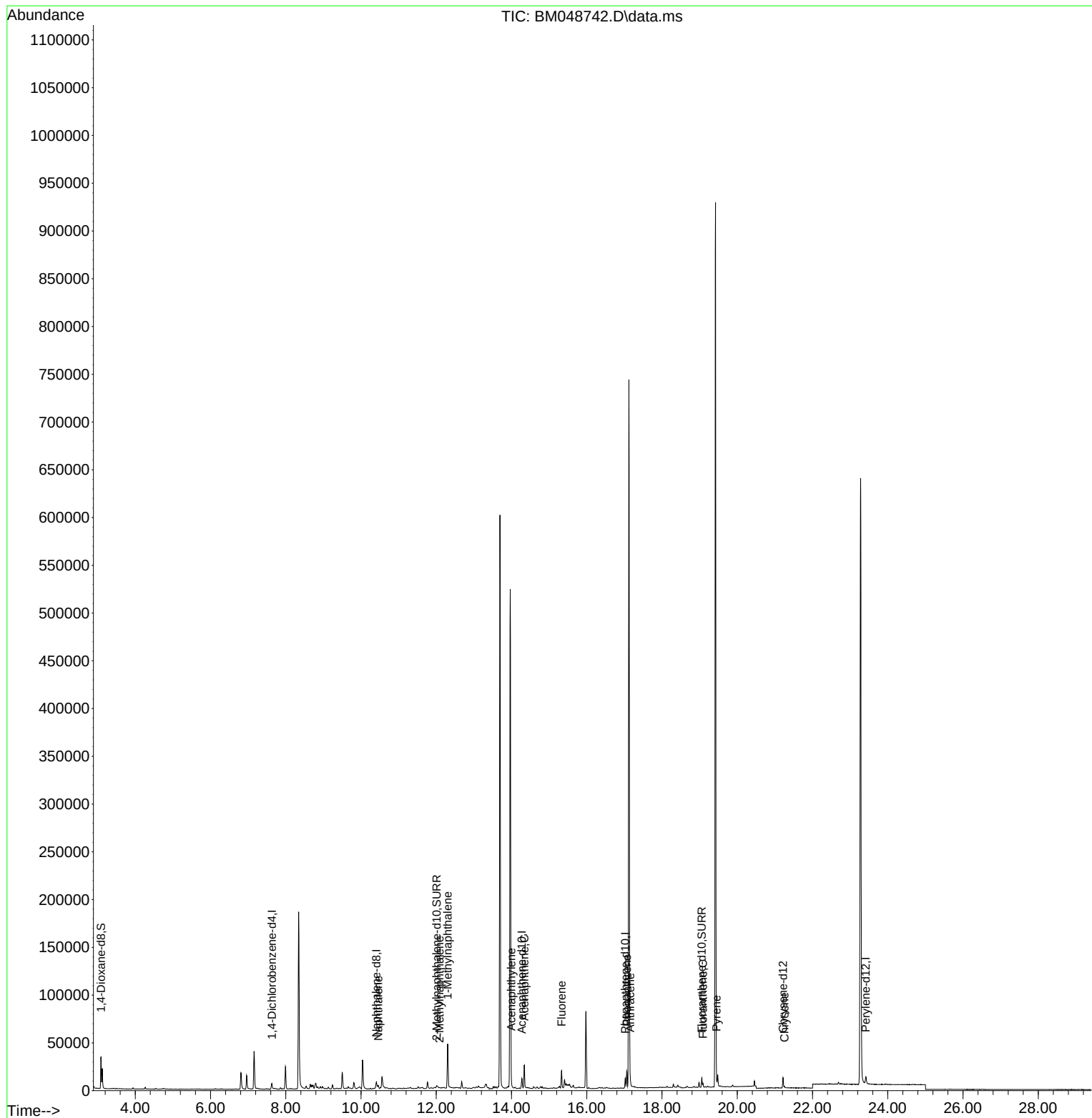
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111624\  
Data File : BM048742.D  
Acq On : 16 Nov 2024 15:15  
Operator : RC/JU  
Sample : P4803-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

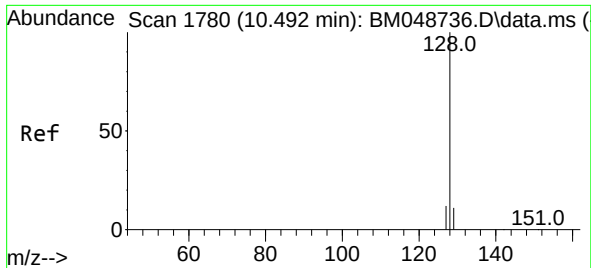
Instrument :  
BNA\_M  
ClientSampleId :  
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Supervised By :mohammad ahmed 11/19/2024

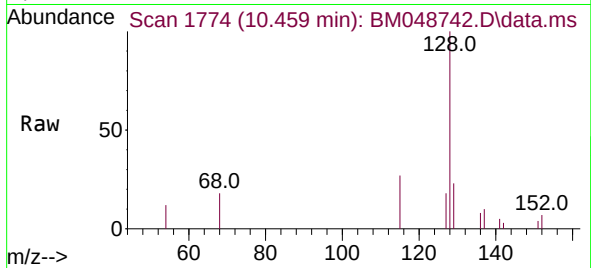
Quant Time: Nov 17 22:48:30 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM110624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Nov 17 22:31:02 2024  
Response via : Initial Calibration





#5  
Naphthalene  
Concen: 0.155 ng/ul  
RT: 10.459 min Scan# 1774  
Delta R.T. -0.033 min  
Lab File: BM048742.D  
Acq: 16 Nov 2024 15:15

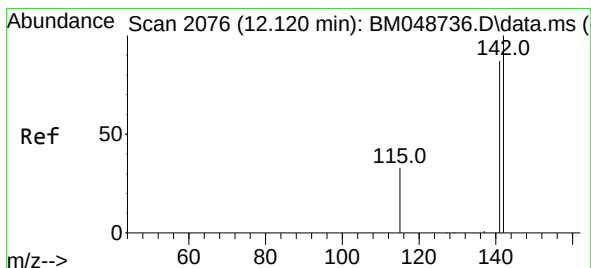
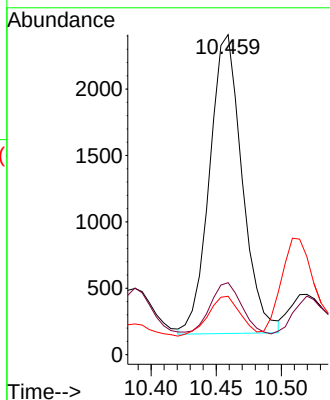
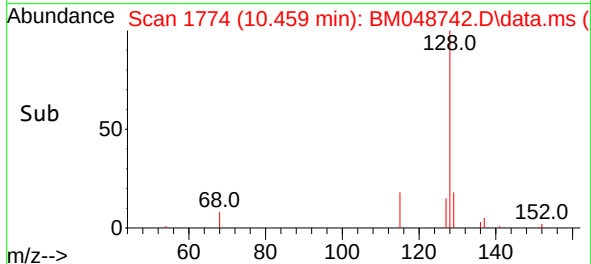
Instrument :  
BNA\_M  
ClientSampleId :  
A0AP8



Tgt Ion:128 Resp: 3920  
Ion Ratio Lower Upper  
128 100  
129 22.5 10.0 15.0  
127 18.3 10.9 16.3

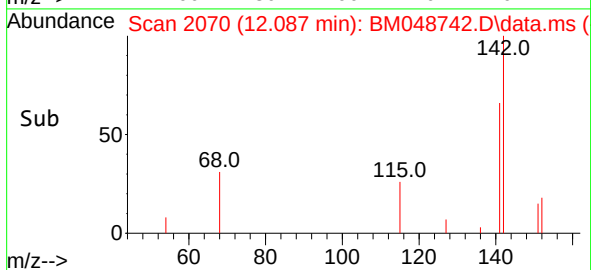
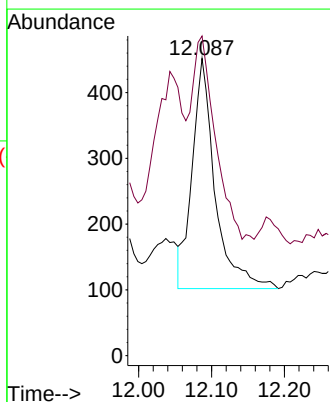
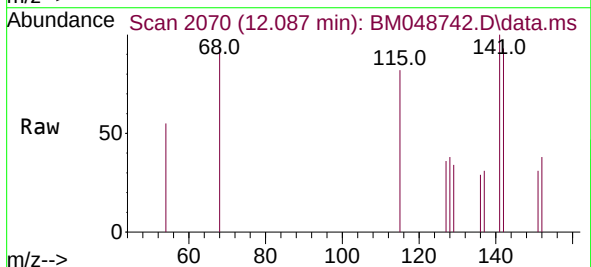
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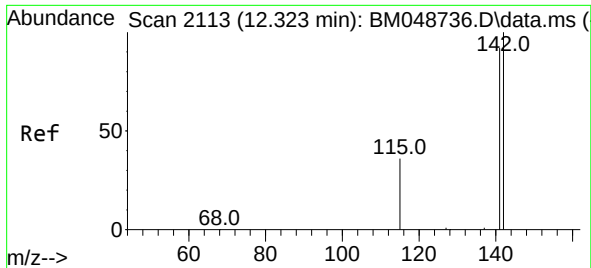
Reviewed By :Yogesh Patel 11/19/2024  
Supervised By :mohammad ahmed 11/19/2024



#7  
2-Methylnaphthalene  
Concen: 0.048 ng/ul  
RT: 12.087 min Scan# 2070  
Delta R.T. -0.033 min  
Lab File: BM048742.D  
Acq: 16 Nov 2024 15:15

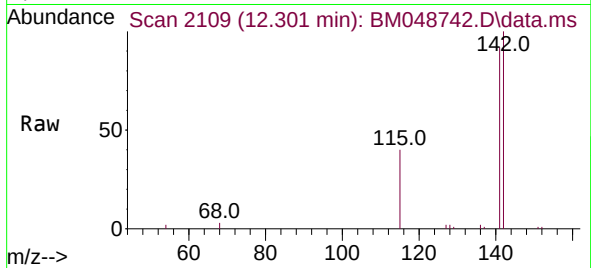
Tgt Ion:142 Resp: 763  
Ion Ratio Lower Upper  
142 100  
141 92.9 68.6 103.0





#8  
1-Methylnaphthalene  
Concen: 2.143 ng/ul  
RT: 12.301 min Scan# 2113  
Delta R.T. -0.022 min  
Lab File: BM048742.D  
Acq: 16 Nov 2024 15:15

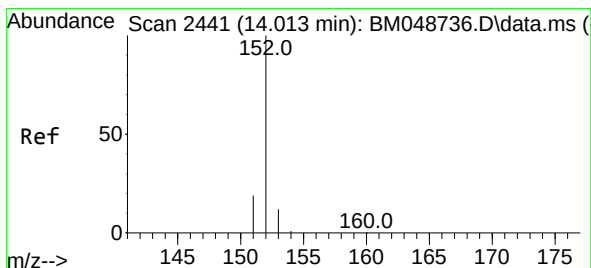
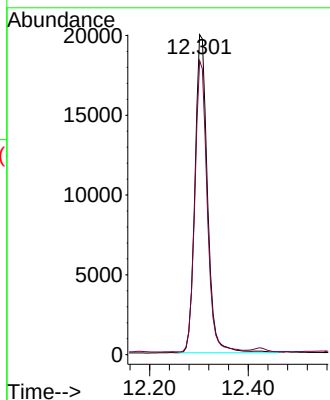
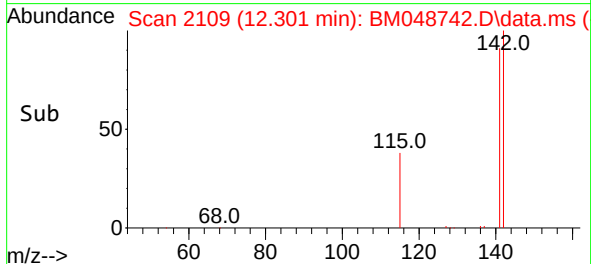
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Tgt Ion:142 Resp: 3509  
Ion Ratio Lower Upper  
142 100  
141 90.2 72.8 109.2

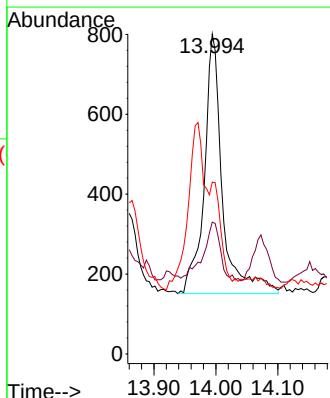
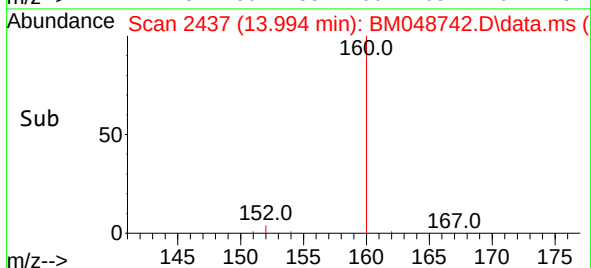
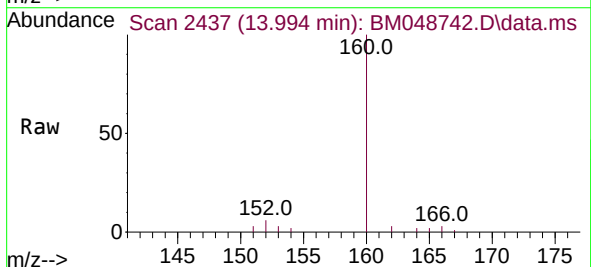
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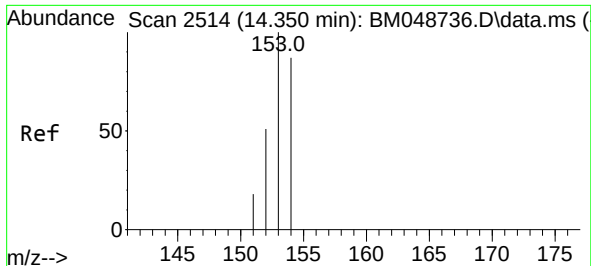
Reviewed By :Yogesh Patel 11/19/2024  
Supervised By :mohammad ahmed 11/19/2024



#10  
Acenaphthylene  
Concen: 0.059 ng/ul  
RT: 13.994 min Scan# 2437  
Delta R.T. -0.018 min  
Lab File: BM048742.D  
Acq: 16 Nov 2024 15:15

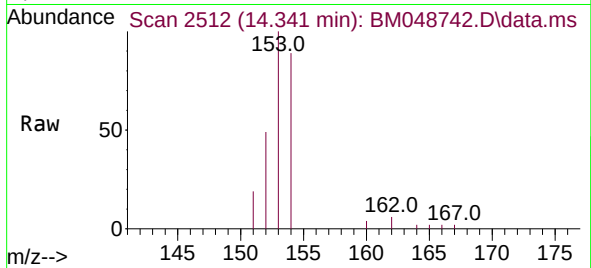
Tgt Ion:152 Resp: 1325  
Ion Ratio Lower Upper  
152 100  
151 41.2 16.5 24.7#  
153 53.7 11.6 17.4#





#11  
Acenaphthene  
Concen: 0.805 ng/u1  
RT: 14.341 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BM048742.D  
Acq: 16 Nov 2024 15:15

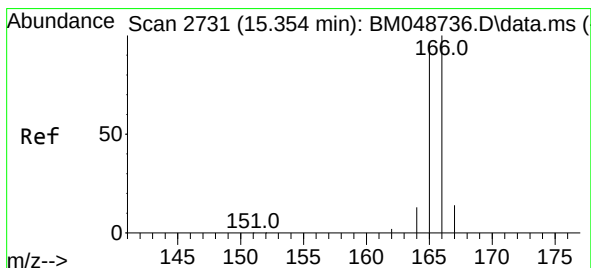
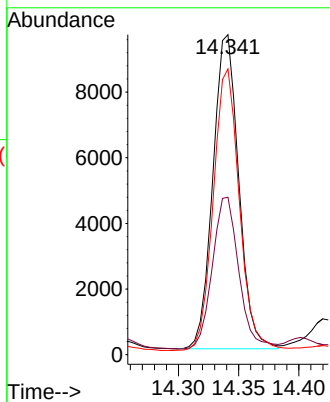
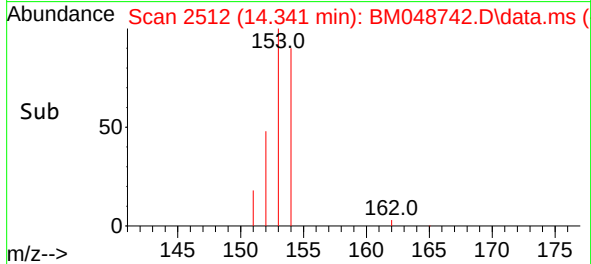
Instrument :  
BNA\_M  
ClientSampleId :  
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Tgt Ion:153 Resp: 1435  
Ion Ratio Lower Upper  
153 100  
152 49.2 41.1 61.7  
154 89.3 70.3 105.5

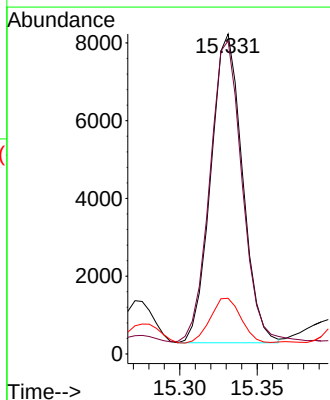
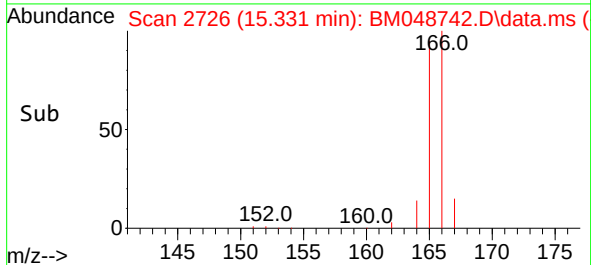
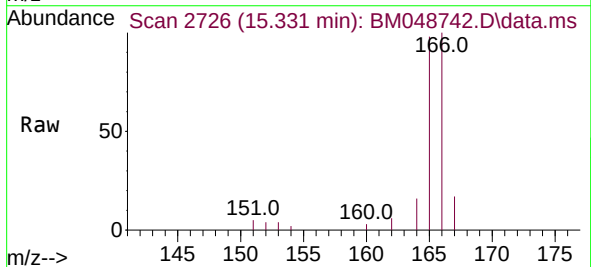
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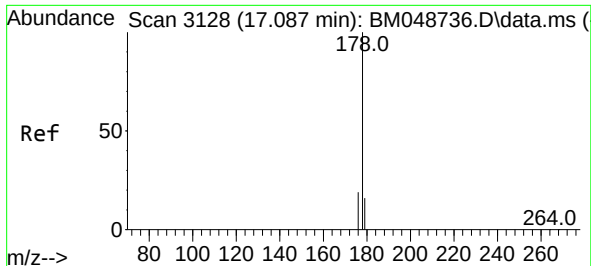
Reviewed By :Yogesh Patel 11/19/2024  
Supervised By :mohammad ahmed 11/19/2024



#12  
Fluorene  
Concen: 0.581 ng/u1  
RT: 15.331 min Scan# 2726  
Delta R.T. -0.023 min  
Lab File: BM048742.D  
Acq: 16 Nov 2024 15:15

Tgt Ion:166 Resp: 11246  
Ion Ratio Lower Upper  
166 100  
165 97.9 78.7 118.1  
167 17.4 12.6 18.8





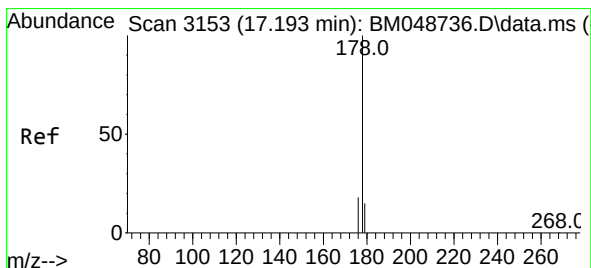
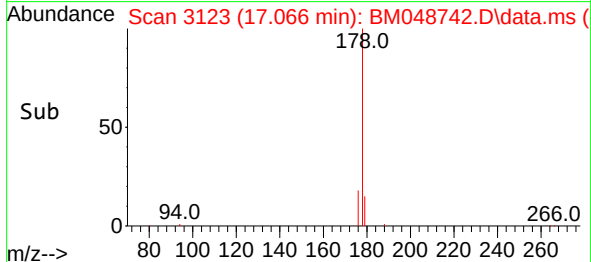
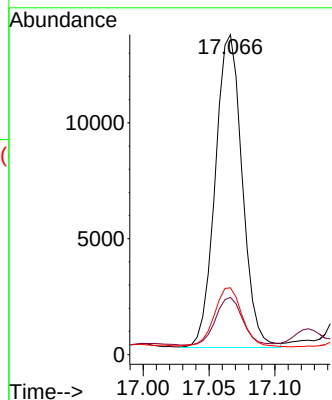
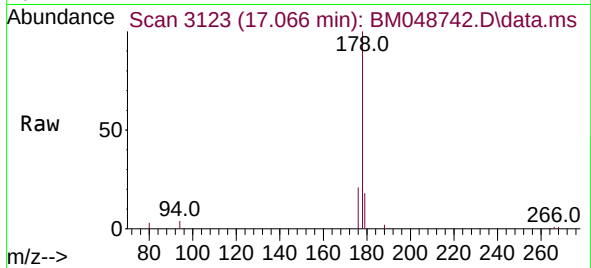
#15  
Phenanthrene  
Concen: 0.614 ng/ul m  
RT: 17.066 min Scan# 3123  
Delta R.T. -0.021 min  
Lab File: BM048742.D  
Acq: 16 Nov 2024 15:15

Instrument :  
BNA\_M  
ClientSampleId :  
A0AP8

Tgt Ion:178 Resp: 1921  
Ion Ratio Lower Upper  
178 100  
179 17.9 13.4 20.0  
176 20.9 16.2 24.2

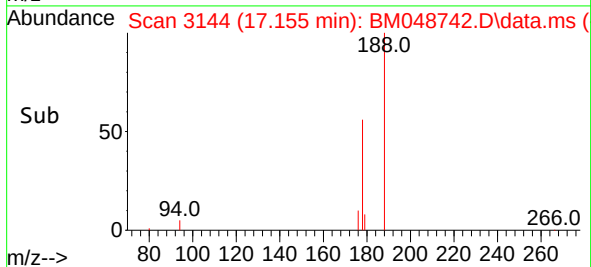
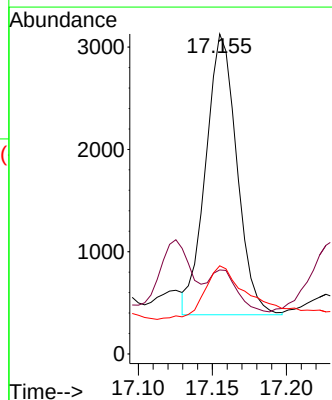
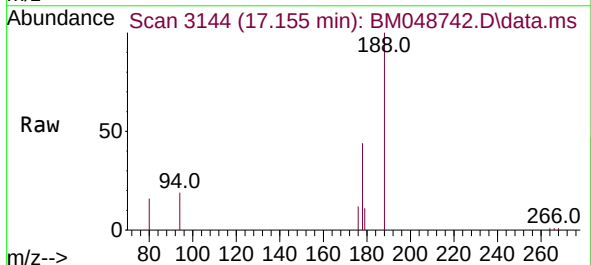
Manual Integrations  
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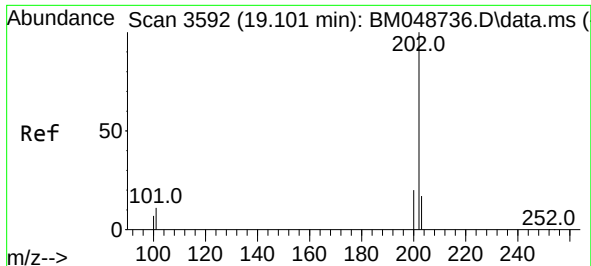
Reviewed By :Yogesh Patel 11/19/2024  
Supervised By :mohammad ahmed 11/19/2024



#16  
Anthracene  
Concen: 0.138 ng/ul m  
RT: 17.155 min Scan# 3144  
Delta R.T. -0.038 min  
Lab File: BM048742.D  
Acq: 16 Nov 2024 15:15

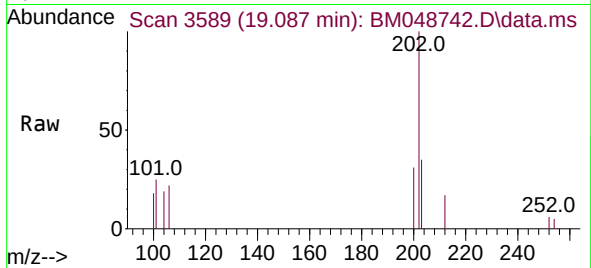
Tgt Ion:178 Resp: 4011  
Ion Ratio Lower Upper  
178 100  
179 26.3 13.7 20.5#  
176 27.5 15.9 23.9#





#19  
Fluoranthene  
Concen: 0.083 ng/u1  
RT: 19.087 min Scan# 3589  
Delta R.T. -0.014 min  
Lab File: BM048742.D  
Acq: 16 Nov 2024 15:15

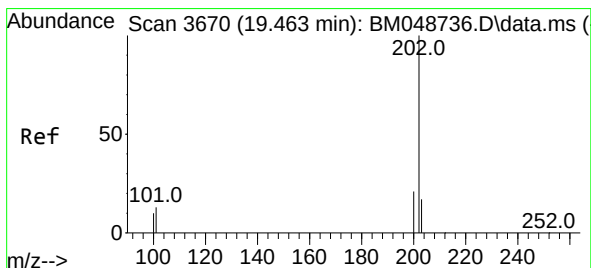
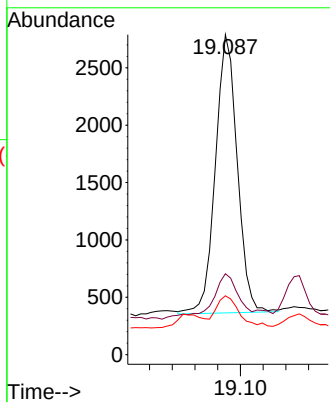
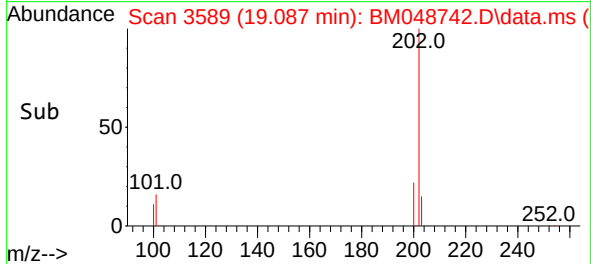
Instrument :  
BNA\_M  
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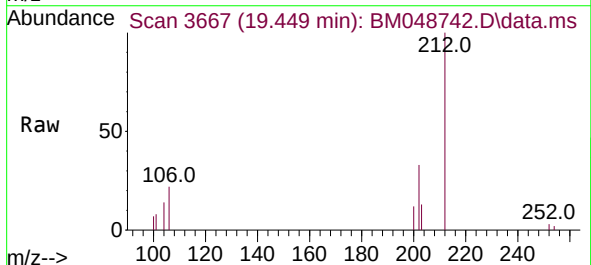
Tgt Ion:202 Resp: 3239  
Ion Ratio Lower Upper  
202 100  
101 25.3 10.2 15.4#  
100 18.4 7.3 10.9#

Manual Integrations  
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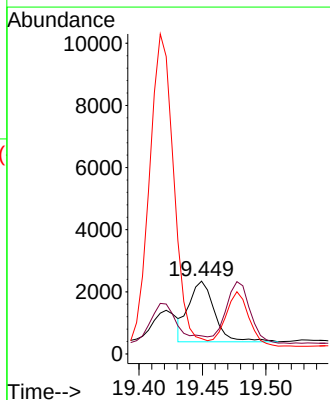
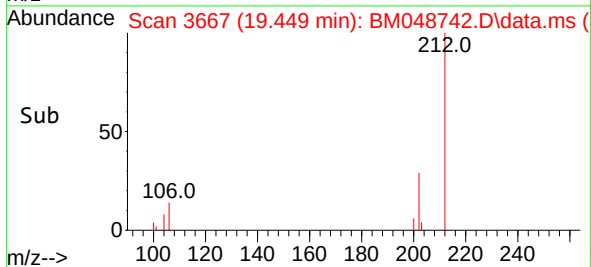
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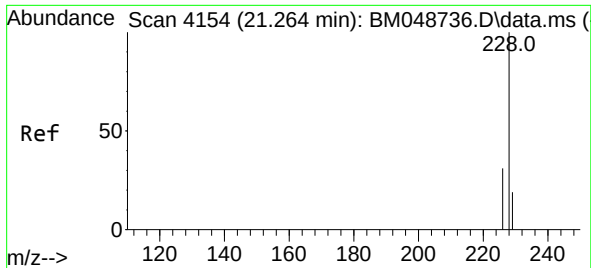


#20  
Pyrene  
Concen: 0.065 ng/u1  
RT: 19.449 min Scan# 3667  
Delta R.T. -0.014 min  
Lab File: BM048742.D  
Acq: 16 Nov 2024 15:15



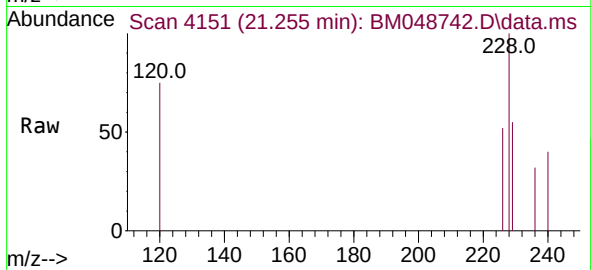
Tgt Ion:202 Resp: 2775  
Ion Ratio Lower Upper  
202 100  
101 24.9 11.4 17.2#  
100 21.2 8.5 12.7#





#22  
Chrysene  
Concen: 0.031 ng/ul  
RT: 21.255 min Scan# 41  
Delta R.T. -0.009 min  
Lab File: BM048742.D  
Acq: 16 Nov 2024 15:15

Instrument :  
BNA\_M  
ClientSampleId :  
A0AP8



Tgt Ion:228 Resp: 131  
Ion Ratio Lower Upper  
228 100  
226 51.7 24.4 36.6  
229 55.1 16.5 24.7

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