

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN083024\  
 Data File : BN033726.D  
 Acq On : 31 Aug 2024 03:48  
 Operator : MA/JU  
 Sample : P3802-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-12B-47.5-082924-FD

Quant Time: Aug 31 04:15:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 29 23:33:13 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/02/2024  
 Supervised By :mohammad ahmed 09/02/2024

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.523  | 152  | 5278     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.282 | 136  | 13806    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.156 | 164  | 6412     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.904 | 188  | 12568    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.121 | 240  | 8879     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.276 | 264  | 9155     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.162  | 112  | 3215     | 0.202 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.714  | 99   | 2639     | 0.141 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.659  | 82   | 4191     | 0.365 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.880 | 152  | 7008     | 0.360 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.663 | 330  | 1134     | 0.369 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.777 | 172  | 10091    | 0.373 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.952 | 212  | 13963    | 0.450 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.565 | 244  | 10001    | 0.532 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.168  | 88   | 365      | 0.060 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.059 | 149  | 1525m    | 0.086 | ng    |          |
| -----                         |        |      |          |       |       |          |

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

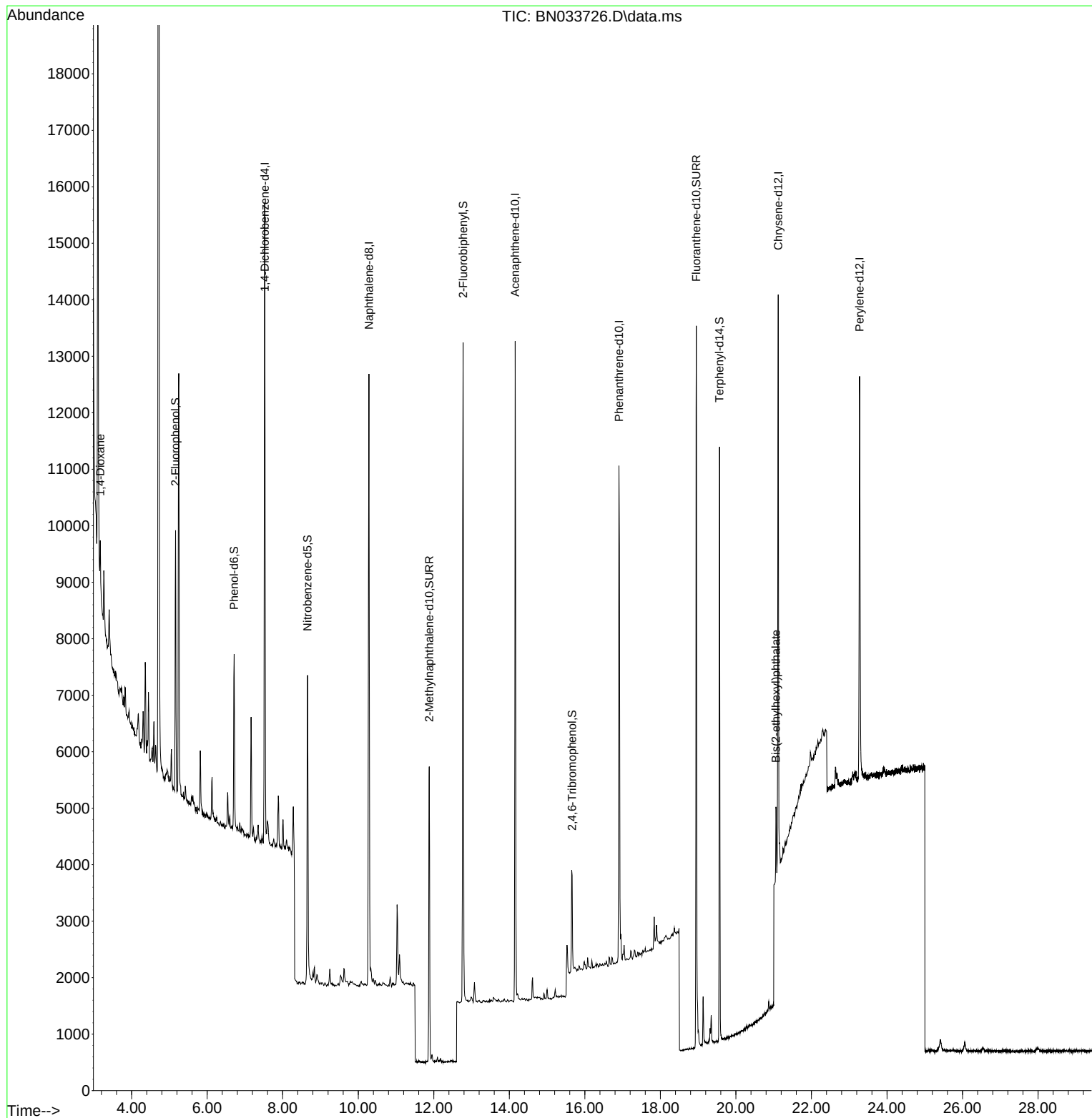
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN083024\  
Data File : BN033726.D  
Acq On : 31 Aug 2024 03:48  
Operator : MA/JU  
Sample : P3802-03  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

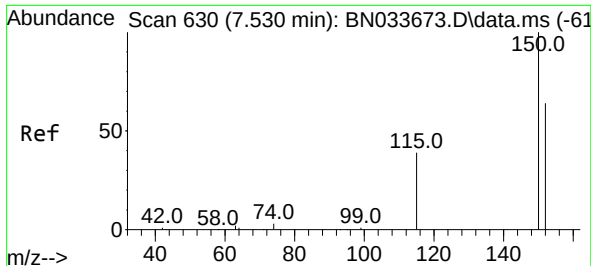
Instrument :  
BNA\_N  
ClientSampleId :  
MW-12B-47.5-082924-FD

Quant Time: Aug 31 04:15:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN082924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 29 23:33:13 2024  
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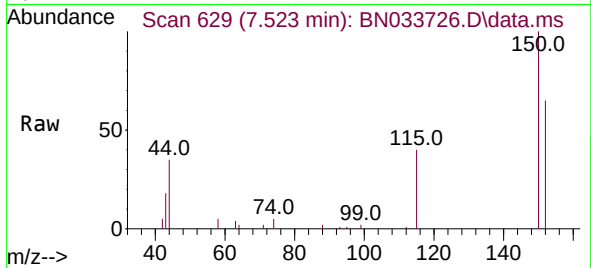
Reviewed By :Yogesh Patel 09/02/2024  
Supervised By :mohammad ahmed 09/02/2024





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.523 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN033726.D  
 Acq: 31 Aug 2024 03:48

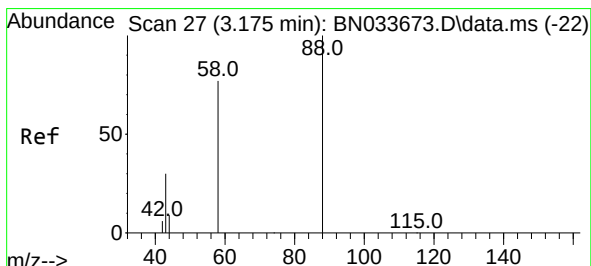
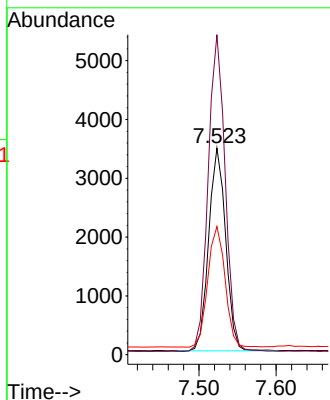
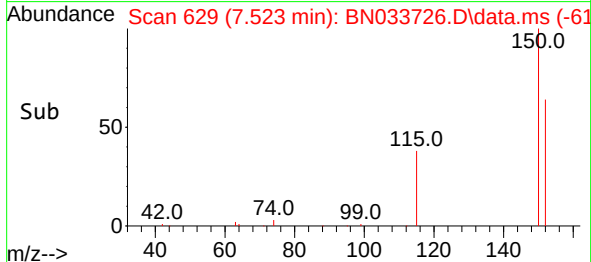
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MW-12B-47.5-082924-FD



Tgt Ion: 152 Resp: 5278  
 Ion Ratio Lower Upper  
 152 100  
 150 154.9 123.4 185.0  
 115 62.0 51.3 76.9

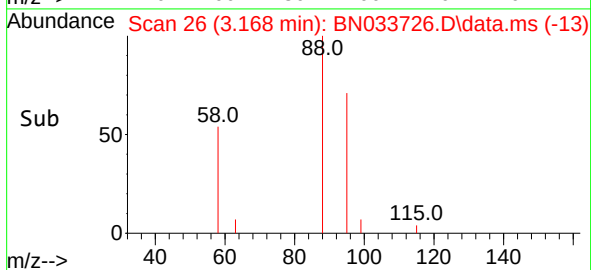
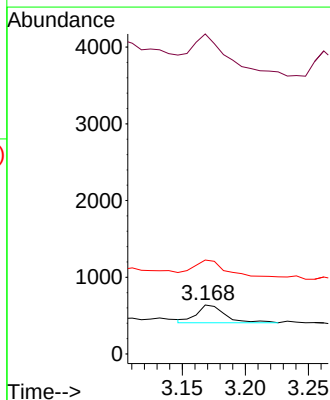
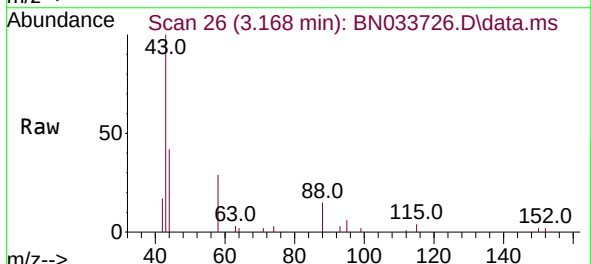
Manual Integrations  
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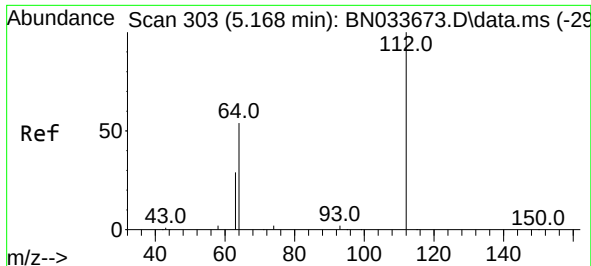
Reviewed By :Yogesh Patel 09/02/2024  
 Supervised By :mohammad ahmed 09/02/2024



#2  
 1,4-Dioxane  
 Concen: 0.060 ng  
 RT: 3.168 min Scan# 26  
 Delta R.T. -0.007 min  
 Lab File: BN033726.D  
 Acq: 31 Aug 2024 03:48

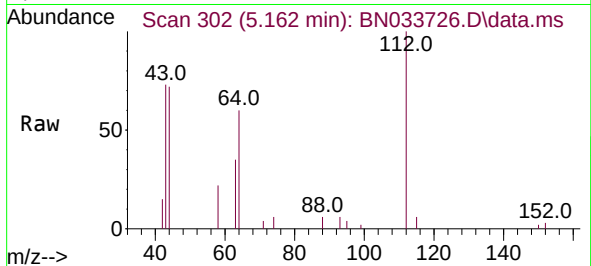
Tgt Ion: 88 Resp: 365  
 Ion Ratio Lower Upper  
 88 100  
 43 307.9 26.8 40.2#  
 58 103.8 63.4 95.0#





#4  
2-Fluorophenol  
Concen: 0.202 ng  
RT: 5.162 min Scan# 303  
Delta R.T. -0.007 min  
Lab File: BN033726.D  
Acq: 31 Aug 2024 03:48

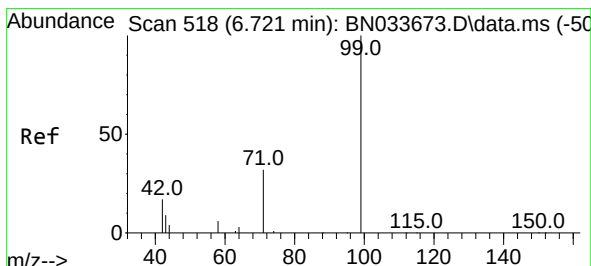
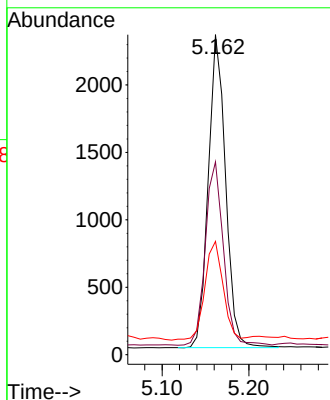
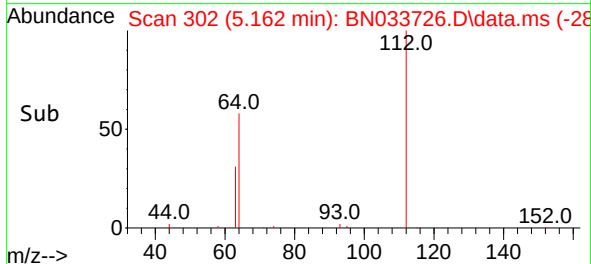
Instrument :  
BNA\_N  
ClientSampleId :  
MW-12B-47.5-082924-FD



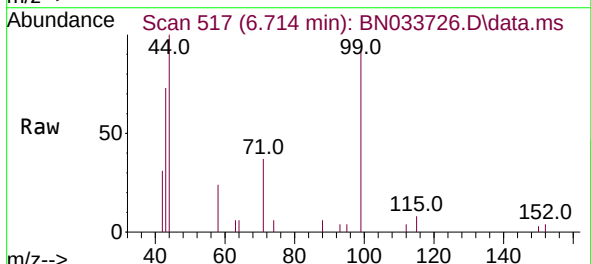
Tgt Ion:112 Resp: 3215  
Ion Ratio Lower Upper  
112 100  
64 61.1 48.6 72.8  
63 33.5 26.6 39.8

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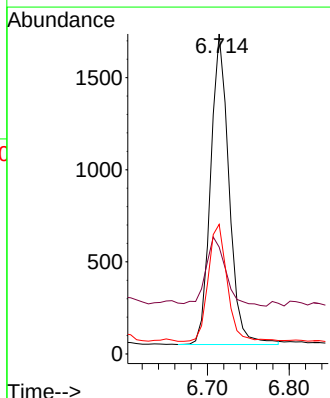
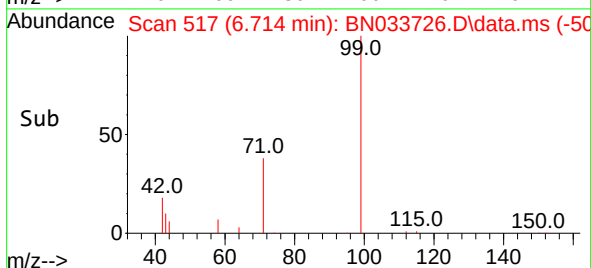
Reviewed By :Yogesh Patel 09/02/2024  
Supervised By :mohammad ahmed 09/02/2024

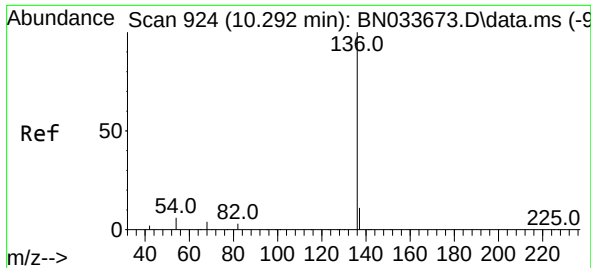


#5  
Phenol-d6  
Concen: 0.141 ng  
RT: 6.714 min Scan# 517  
Delta R.T. -0.007 min  
Lab File: BN033726.D  
Acq: 31 Aug 2024 03:48



Tgt Ion: 99 Resp: 2639  
Ion Ratio Lower Upper  
99 100  
42 24.1 17.8 26.8  
71 38.7 28.0 42.0





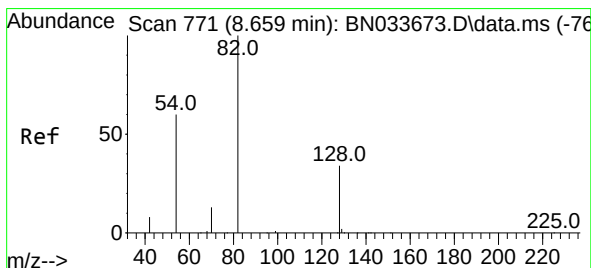
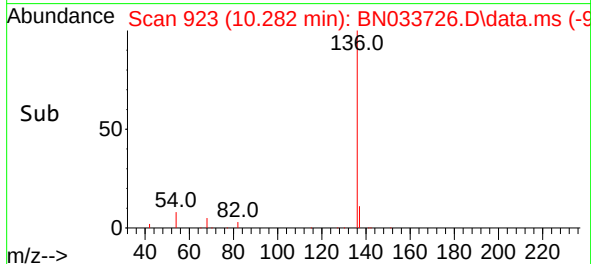
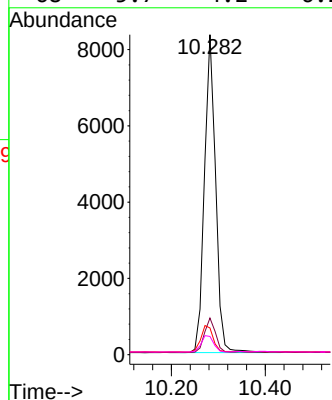
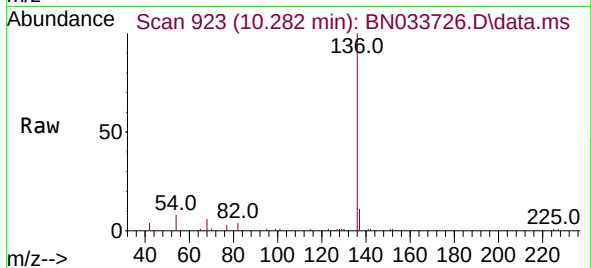
#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.282 min Scan# 91  
Delta R.T. -0.010 min  
Lab File: BN033726.D  
Acq: 31 Aug 2024 03:48

Instrument :  
BNA\_N  
ClientSampleId :  
MW-12B-47.5-082924-FD

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 1380     |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.5  | 9.1 13.7 |
| 54          | 8.4   | 5.8 8.6  |
| 68          | 5.7   | 4.2 6.2  |

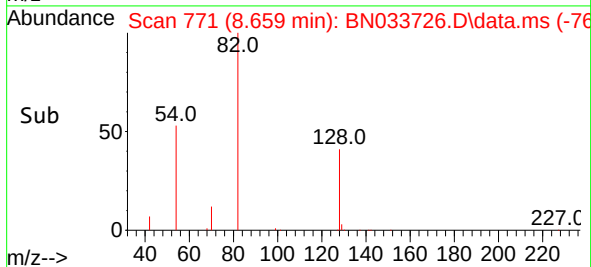
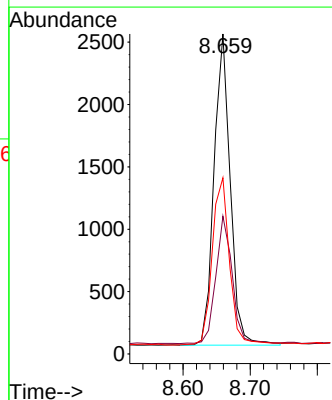
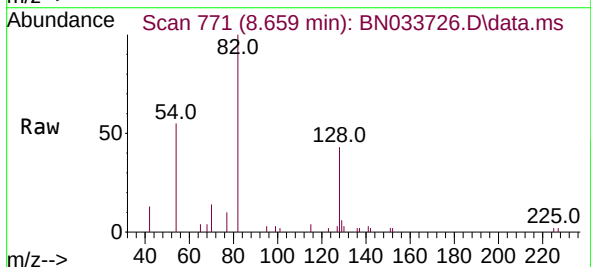
Manual Integrations  
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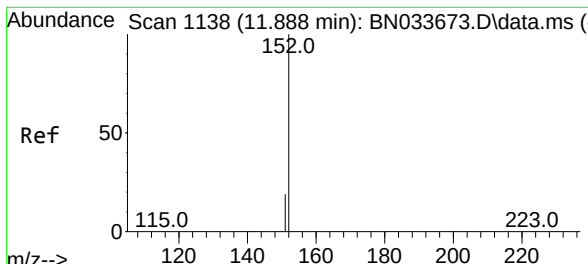
Reviewed By :Yogesh Patel 09/02/2024  
Supervised By :mohammad ahmed 09/02/2024



#8  
Nitrobenzene-d5  
Concen: 0.365 ng  
RT: 8.659 min Scan# 771  
Delta R.T. 0.000 min  
Lab File: BN033726.D  
Acq: 31 Aug 2024 03:48

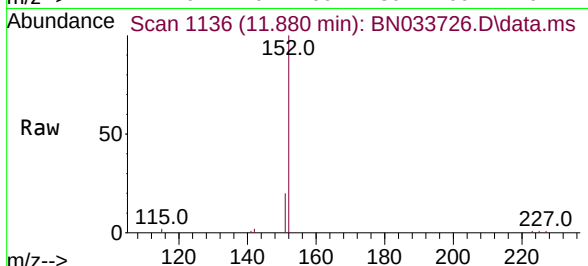
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 4191      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 43.1  | 29.3 43.9 |
| 54          | 55.0  | 49.4 74.0 |





#11  
2-Methylnaphthalene-d10  
Concen: 0.360 ng  
RT: 11.880 min Scan# 1138  
Delta R.T. -0.007 min  
Lab File: BN033726.D  
Acq: 31 Aug 2024 03:48

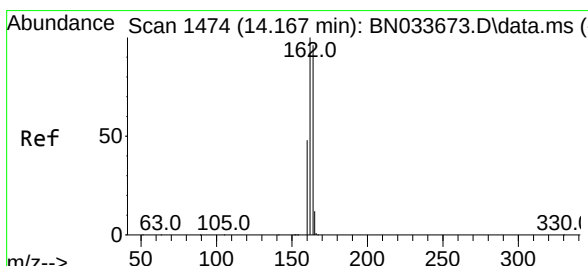
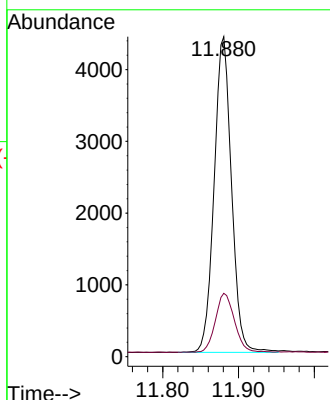
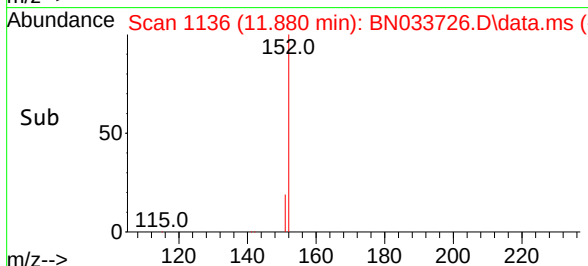
Instrument :  
BNA\_N  
ClientSampleId :  
MW-12B-47.5-082924-FD



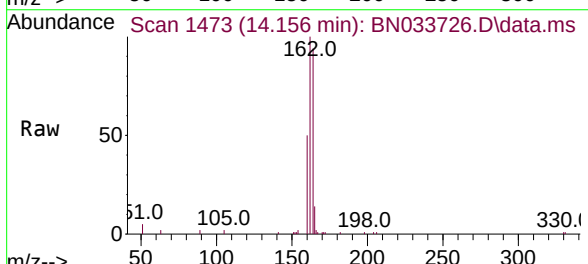
Tgt Ion:152 Resp: 7008  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.7 25.1

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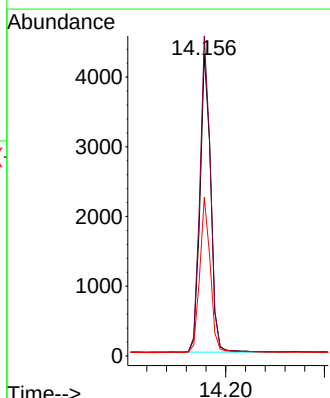
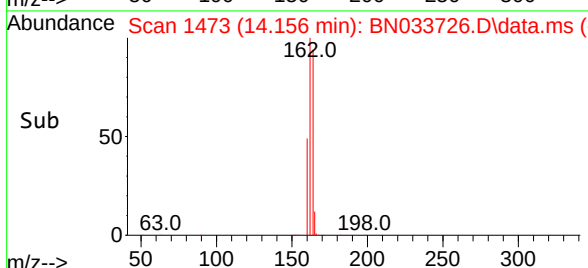
Reviewed By :Yogesh Patel 09/02/2024  
Supervised By :mohammad ahmed 09/02/2024

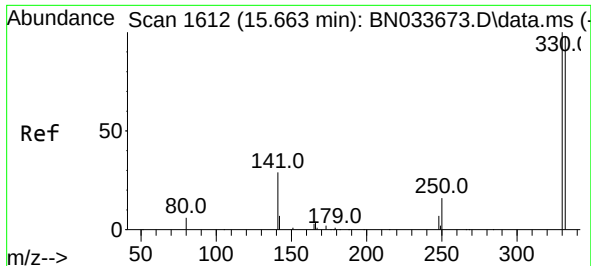


#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.156 min Scan# 1473  
Delta R.T. -0.010 min  
Lab File: BN033726.D  
Acq: 31 Aug 2024 03:48



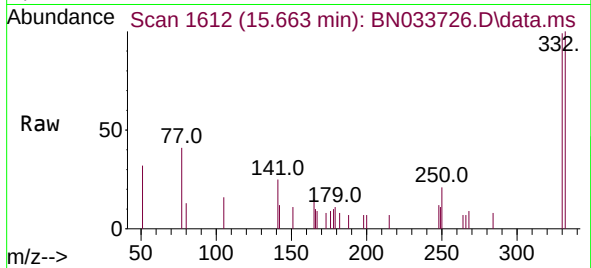
Tgt Ion:164 Resp: 6412  
Ion Ratio Lower Upper  
164 100  
162 106.1 83.4 125.2  
160 52.6 40.2 60.2





#14  
2,4,6-Tribromophenol  
Concen: 0.369 ng  
RT: 15.663 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: BN033726.D  
Acq: 31 Aug 2024 03:48

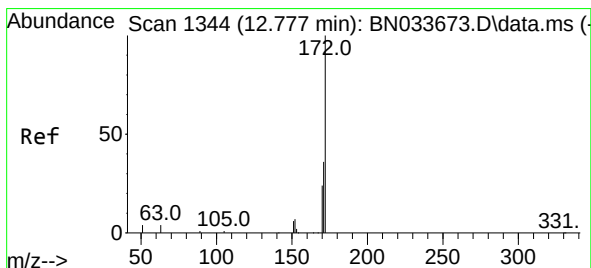
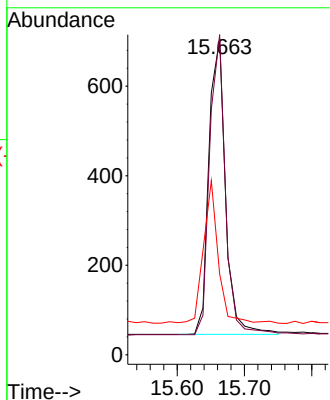
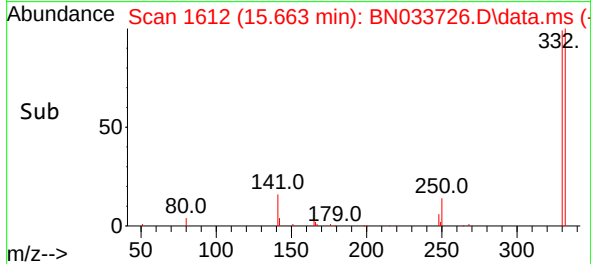
Instrument :  
BNA\_N  
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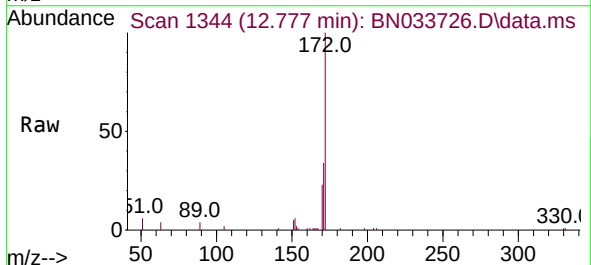
Tgt Ion:330 Resp: 1134  
Ion Ratio Lower Upper  
330 100  
332 96.3 78.6 118.0  
141 42.7 35.0 52.6

Manual Integrations  
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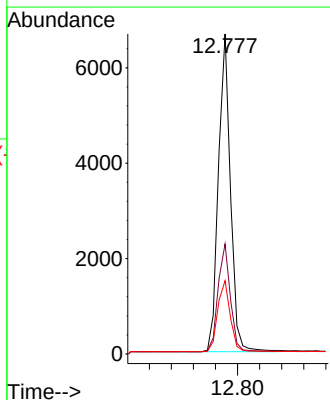
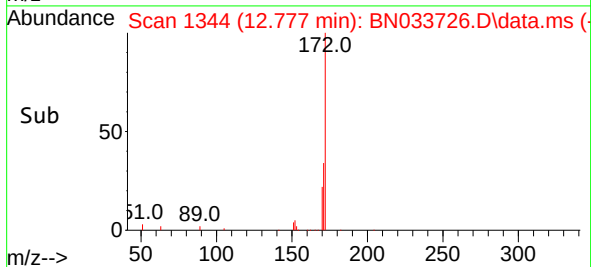
Reviewed By :Yogesh Patel 09/02/2024  
Supervised By :mohammad ahmed 09/02/2024

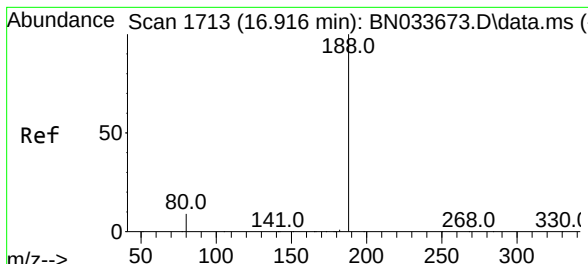


#15  
2-Fluorobiphenyl  
Concen: 0.373 ng  
RT: 12.777 min Scan# 1344  
Delta R.T. 0.000 min  
Lab File: BN033726.D  
Acq: 31 Aug 2024 03:48



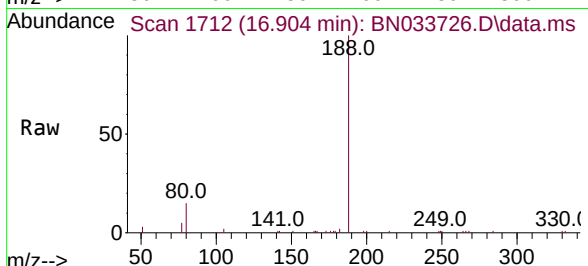
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Ion Ratio Lower Upper  
172 100  
171 34.4 29.2 43.8  
170 22.9 19.7 29.5





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.904 min Scan# 1712  
Delta R.T. -0.012 min  
Lab File: BN033726.D  
Acq: 31 Aug 2024 03:48

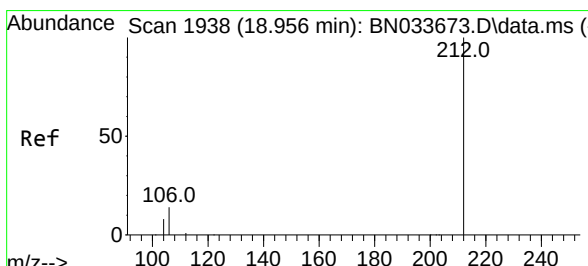
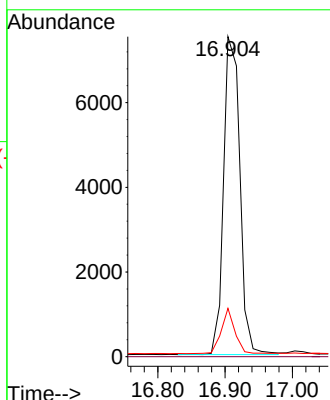
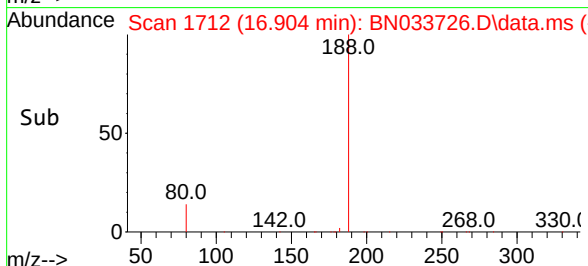
Instrument :  
BNA\_N  
ClientSampleId :  
MW-12B-47.5-082924-FD



Tgt Ion:188 Resp: 12568  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.1 7.4 11.0

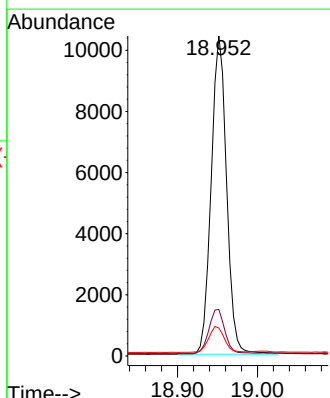
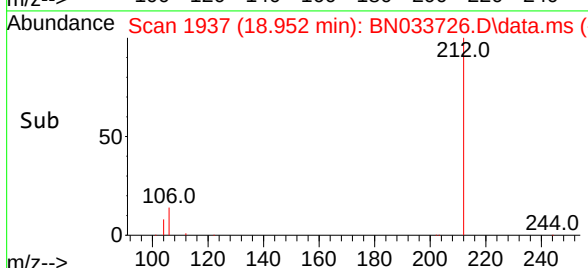
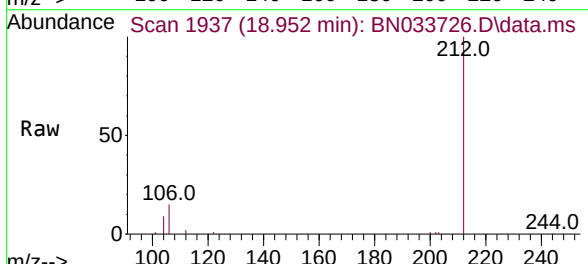
Manual Integrations  
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Supervised By :mohammad ahmed 09/02/2024

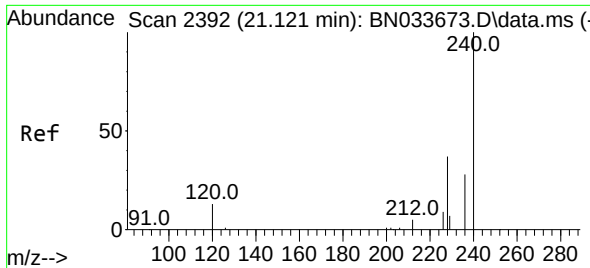


#27  
Fluoranthene-d10  
Concen: 0.450 ng  
RT: 18.952 min Scan# 1937  
Delta R.T. -0.004 min  
Lab File: BN033726.D  
Acq: 31 Aug 2024 03:48

Tgt Ion:212 Resp: 13963  
Ion Ratio Lower Upper  
212 100  
106 14.1 11.8 17.6  
104 8.2 6.9 10.3

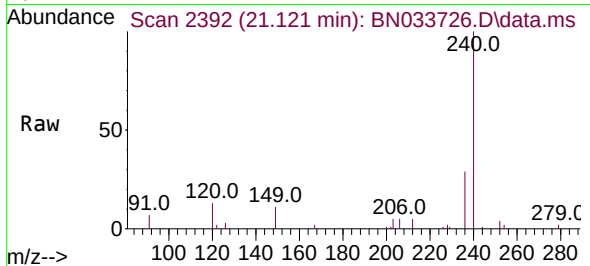






#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.121 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN033726.D  
Acq: 31 Aug 2024 03:48

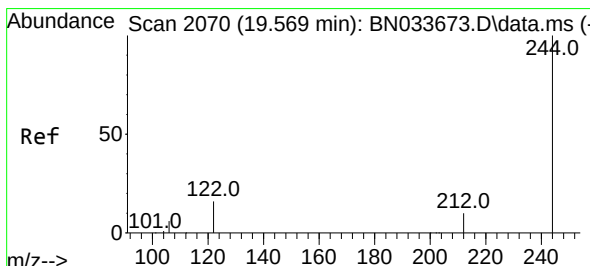
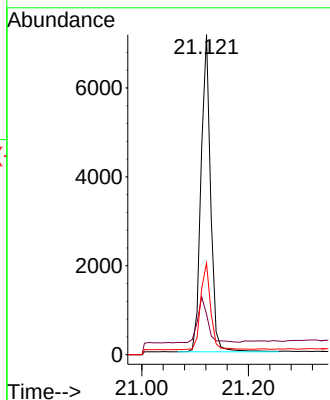
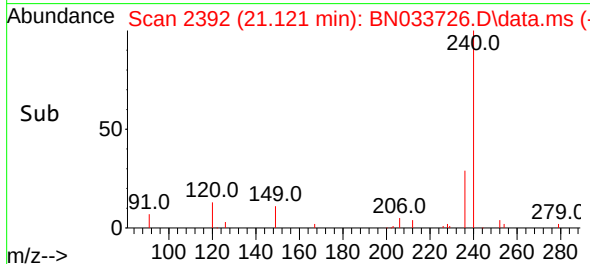
Instrument :  
BNA\_N  
ClientSampleId :  
MW-12B-47.5-082924-FD



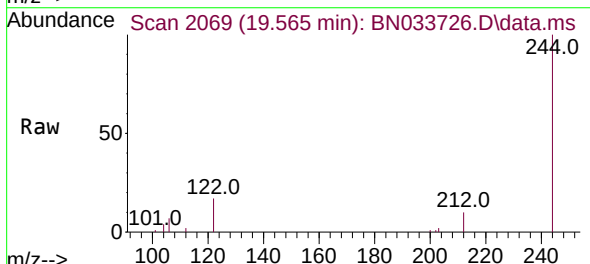
Tgt Ion:240 Resp: 8879  
Ion Ratio Lower Upper  
240 100  
120 12.7 13.3 19.9  
236 28.6 23.4 35.2

Manual Integrations  
APPROVED

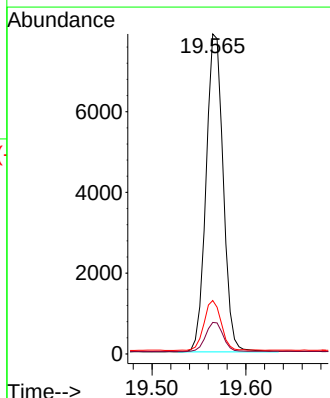
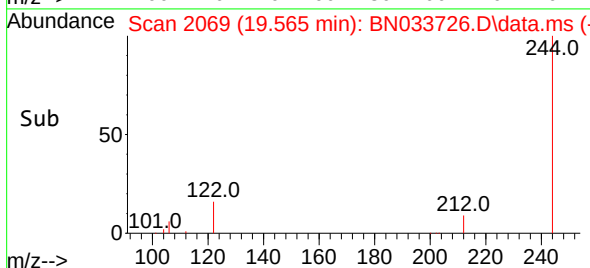
Reviewed By :Yogesh Patel 09/02/2024  
Supervised By :mohammad ahmed 09/02/2024

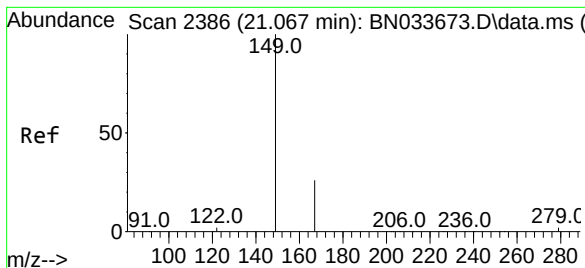


#31  
Terphenyl-d14  
Concen: 0.532 ng  
RT: 19.565 min Scan# 2069  
Delta R.T. -0.004 min  
Lab File: BN033726.D  
Acq: 31 Aug 2024 03:48



Tgt Ion:244 Resp: 10001  
Ion Ratio Lower Upper  
244 100  
212 9.9 8.2 12.4  
122 16.7 13.6 20.4





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.086 ng m

RT: 21.059 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033726.D

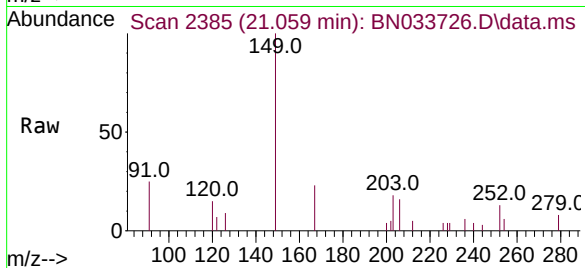
Acq: 31 Aug 2024 03:48

Instrument :

BNA\_N

ClientSampleId :

MW-12B-47.5-082924-FD



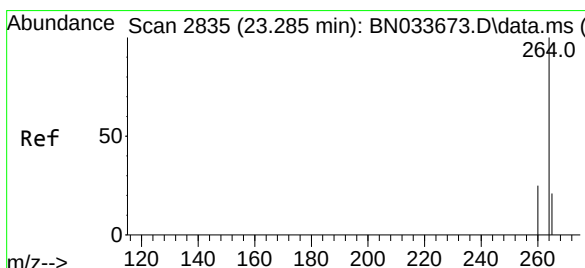
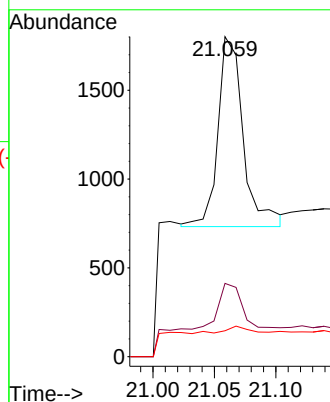
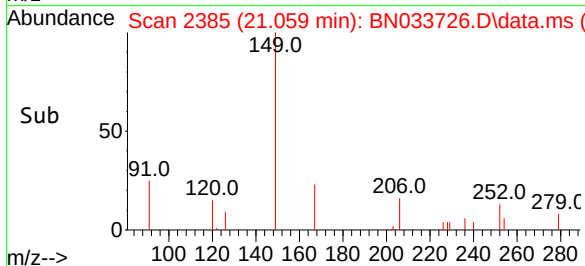
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 152  |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 81.2  | 28.3  | 42.5 |
| 279       | 0.0   | 4.2   | 6.2  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/02/2024

Supervised By :mohammad ahmed 09/02/2024



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.276 min Scan# 2832

Delta R.T. -0.008 min

Lab File: BN033726.D

Acq: 31 Aug 2024 03:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 9155  |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 26.4  | 20.7  | 31.1  |
| 265       | 89.6  | 69.9  | 104.9 |

