

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082622\  
 Data File : BN021407.D  
 Acq On : 27 Aug 2022 06:58  
 Operator : CG/JU  
 Sample : N4278-03  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-TT-MW158S1-GW-20220819

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 08/29/2022  
 Supervised By :Jagrut Upadhyay 08/29/2022

Quant Time: Aug 29 03:12:03 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 26 23:37:03 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.076  | 152  | 5045     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.909 | 136  | 15662    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.728 | 164  | 8450     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.480 | 188  | 18099    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.664 | 240  | 13311    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.191 | 264  | 10253    | 0.400 | ng    | -0.01    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.599  | 112  | 1186     | 0.087 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.224  | 99   | 830      | 0.049 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.254  | 82   | 3077m    | 0.260 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.497 | 152  | 11251    | 0.425 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.218 | 330  | 816      | 0.211 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.360 | 172  | 11826    | 0.313 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.510 | 212  | 18469    | 0.342 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.097 | 244  | 13775    | 0.490 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.410  | 88   | 715      | 0.102 | ng    | # 91     |
| 34) Bis(2-ethylhexyl)phtha... | 21.565 | 149  | 1325     | 0.055 | ng    | # 98     |
| -----                         |        |      |          |       |       |          |

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

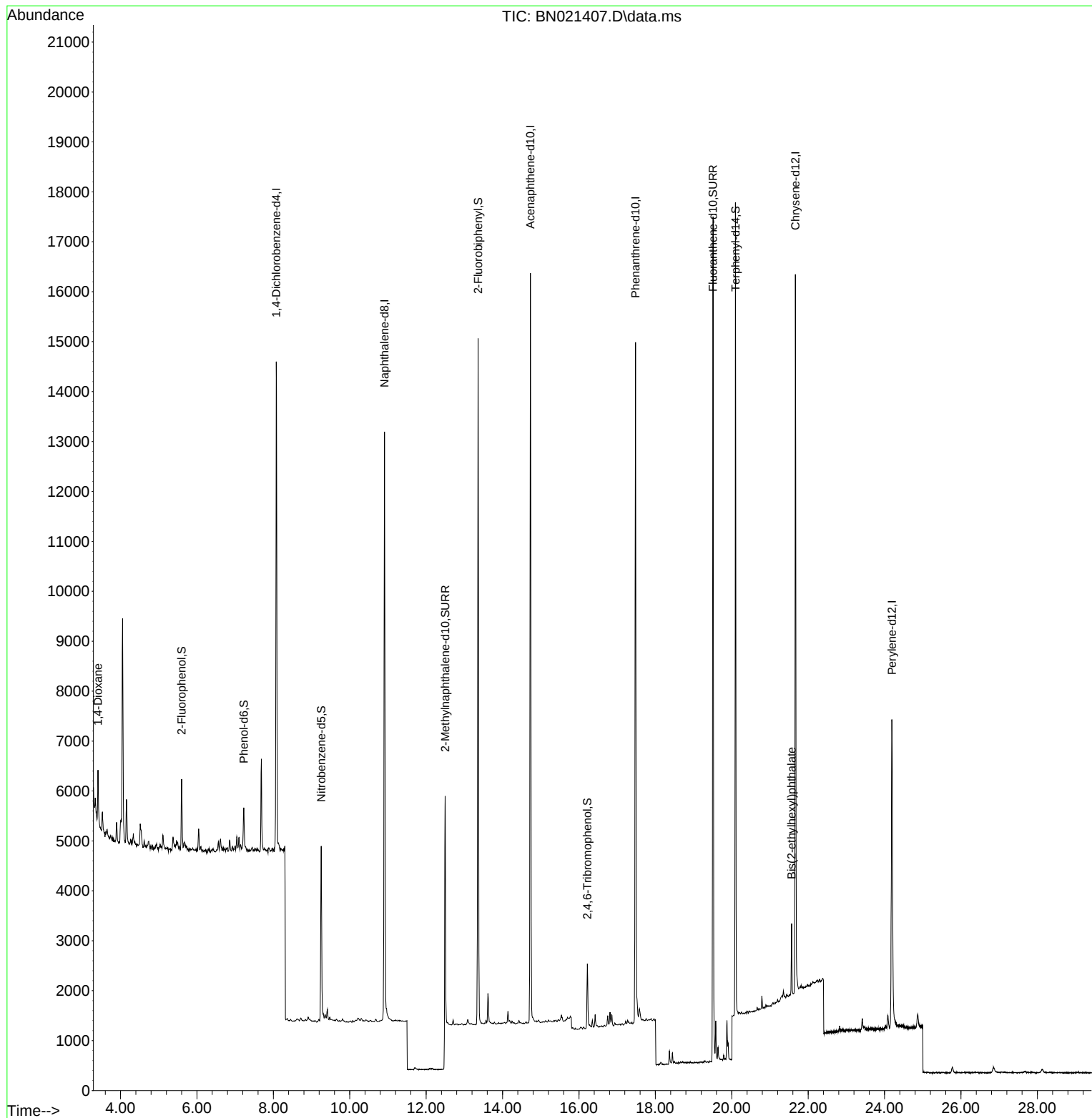
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN082622\  
Data File : BN021407.D  
Acq On : 27 Aug 2022 06:58  
Operator : CG/JU  
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ALS Vial : 25 Sample Multiplier: 1

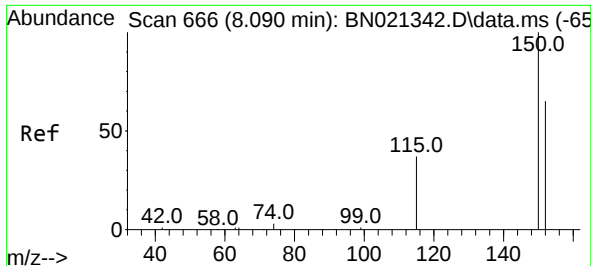
Instrument :  
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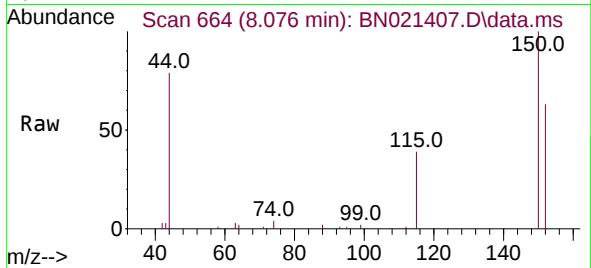
Quant Time: Aug 29 03:12:03 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN082422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 26 23:37:03 2022  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.076 min Scan# 666  
Delta R.T. -0.007 min  
Lab File: BN021407.D  
Acq: 27 Aug 2022 06:58

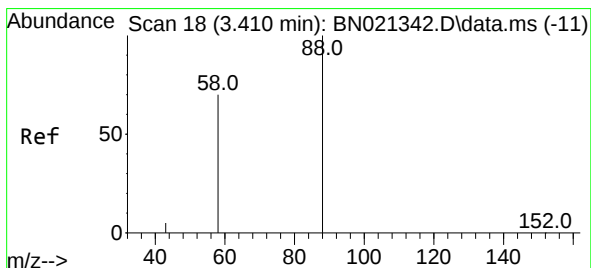
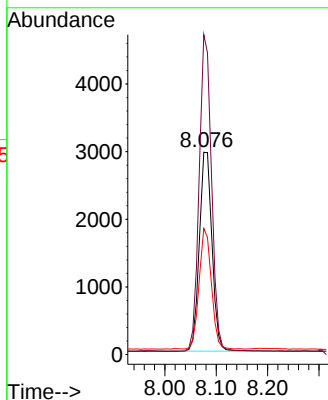
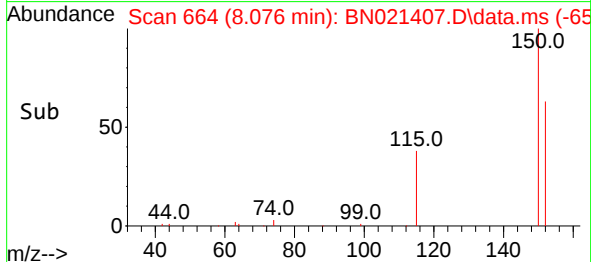
Instrument :  
BNA\_N  
ClientSampleId :  
BP-TT-MW158S1-GW-20220819



Tgt Ion:152 Resp: 5045  
Ion Ratio Lower Upper  
152 100  
150 158.2 121.4 182.0  
115 62.4 48.6 72.8

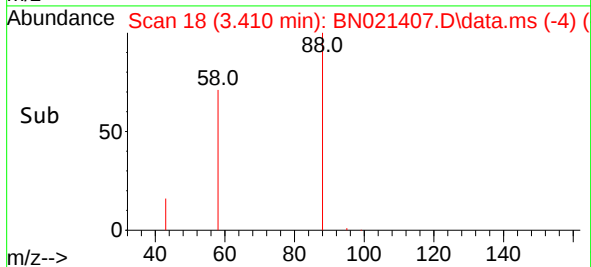
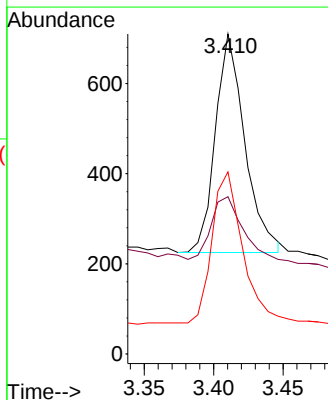
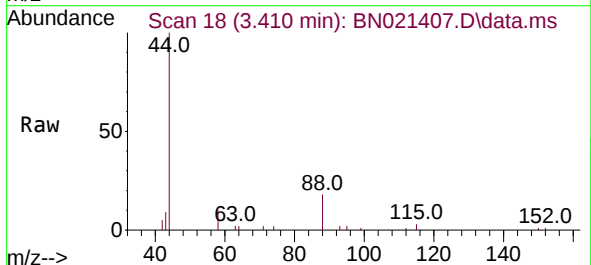
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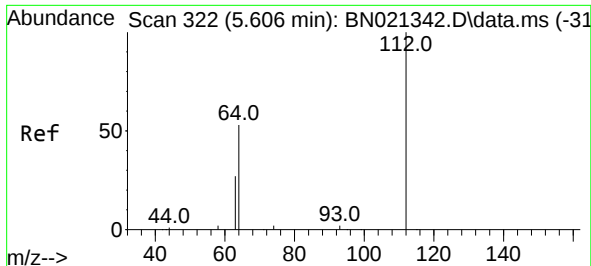
Reviewed By :Christian Giraldo 08/29/2022  
Supervised By :Jagrut Upadhyay 08/29/2022



#2  
1,4-Dioxane  
Concen: 0.102 ng  
RT: 3.410 min Scan# 18  
Delta R.T. -0.000 min  
Lab File: BN021407.D  
Acq: 27 Aug 2022 06:58

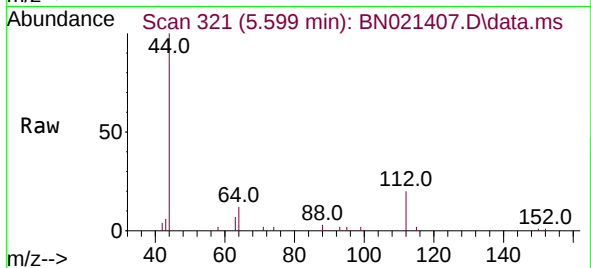
Tgt Ion: 88 Resp: 715  
Ion Ratio Lower Upper  
88 100  
43 29.9 35.8 53.8  
58 71.2 57.1 85.7





#4  
2-Fluorophenol  
Concen: 0.087 ng  
RT: 5.599 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BN021407.D  
Acq: 27 Aug 2022 06:58

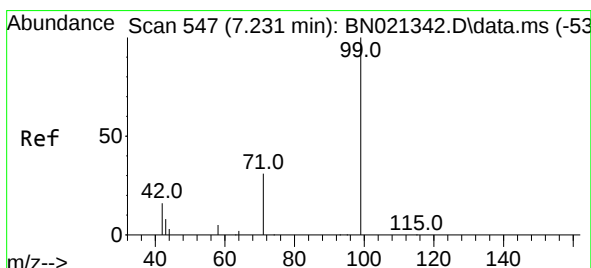
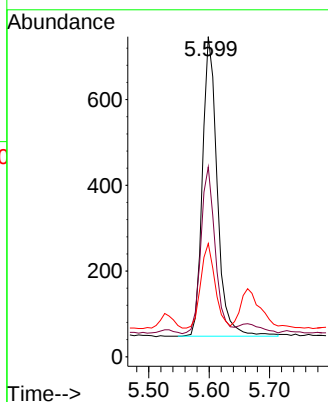
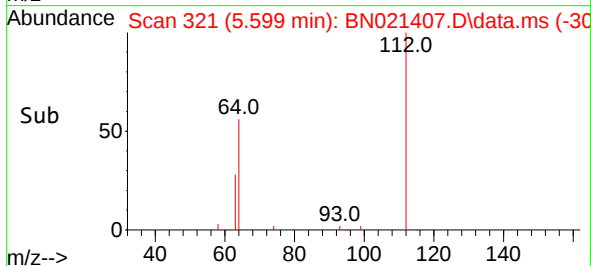
Instrument :  
BNA\_N  
ClientSampleId :  
BP-TT-MW158S1-GW-20220819



Tgt Ion: 112 Resp: 1186  
Ion Ratio Lower Upper  
112 100  
64 54.4 43.5 65.3  
63 27.2 22.6 34.0

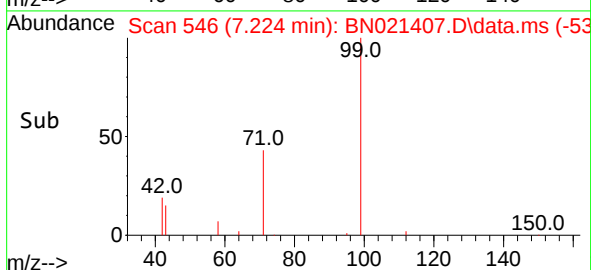
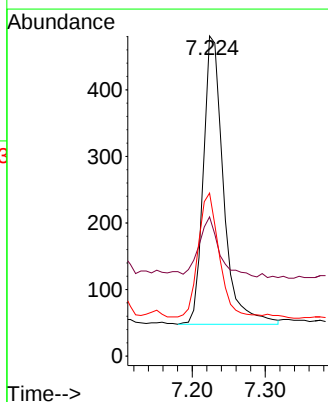
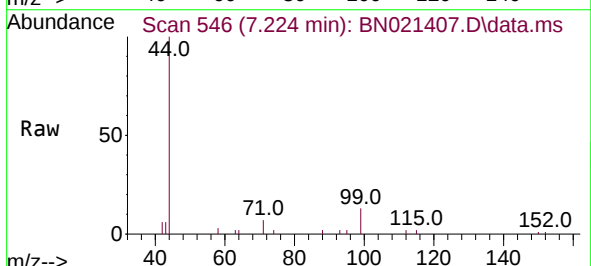
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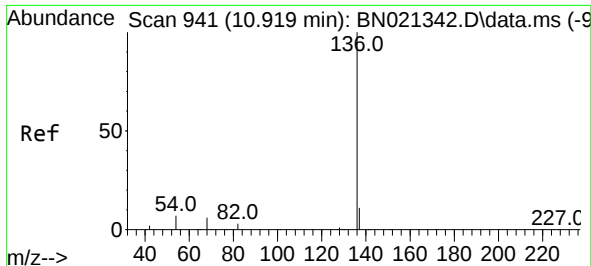
Reviewed By : Christian Giraldo 08/29/2022  
Supervised By : Jagrut Upadhyay 08/29/2022



#5  
Phenol-d6  
Concen: 0.049 ng  
RT: 7.224 min Scan# 546  
Delta R.T. -0.008 min  
Lab File: BN021407.D  
Acq: 27 Aug 2022 06:58

Tgt Ion: 99 Resp: 830  
Ion Ratio Lower Upper  
99 100  
42 20.7 15.5 23.3  
71 44.5 24.2 36.2#





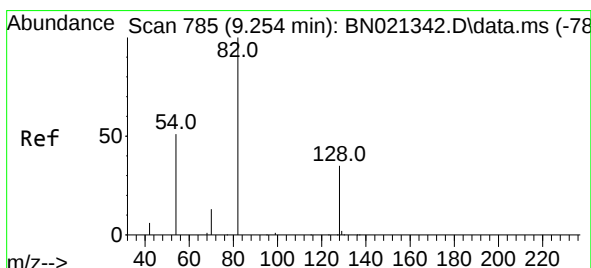
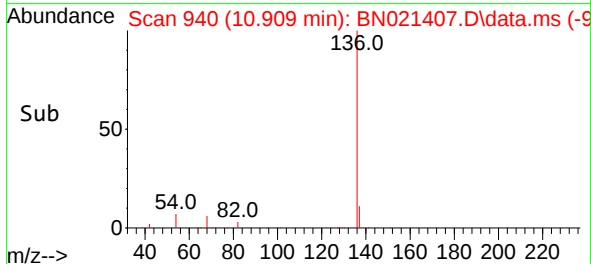
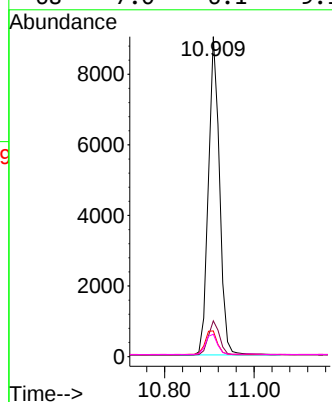
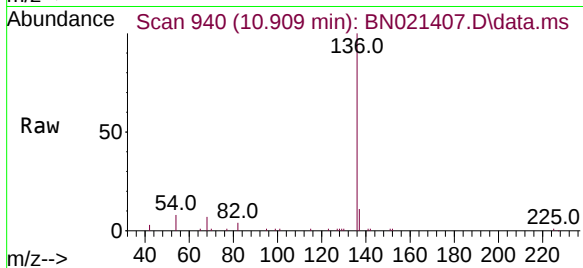
#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.909 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BN021407.D  
Acq: 27 Aug 2022 06:58

Instrument :  
BNA\_N  
ClientSampleId :  
BP-TT-MW158S1-GW-20220819

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 15662 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 9.3   | 13.9  |
| 54        | 8.0   | 6.9   | 10.3  |
| 68        | 7.0   | 6.1   | 9.1   |

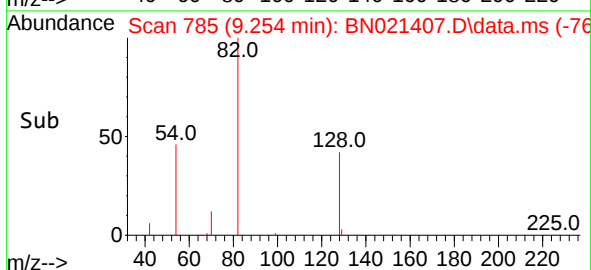
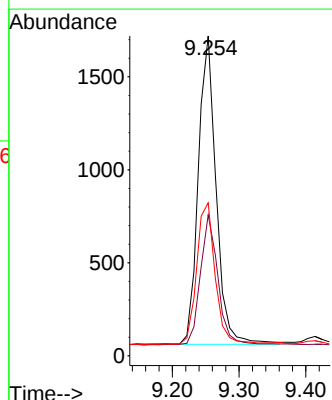
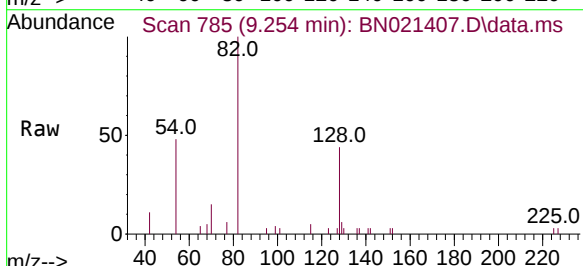
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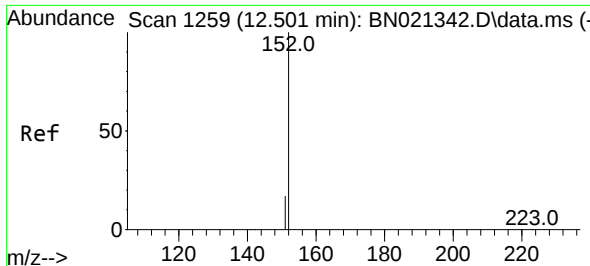
Reviewed By :Christian Giraldo 08/29/2022  
Supervised By :Jagrut Upadhyay 08/29/2022



#8  
Nitrobenzene-d5  
Concen: 0.260 ng m  
RT: 9.254 min Scan# 785  
Delta R.T. -0.000 min  
Lab File: BN021407.D  
Acq: 27 Aug 2022 06:58

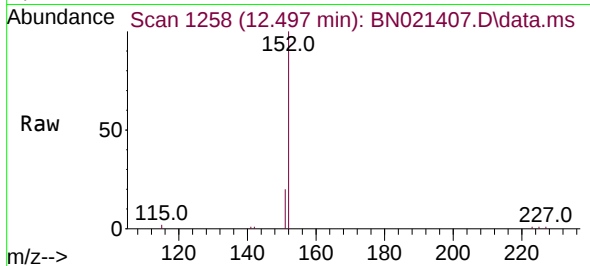
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3077 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 44.1  | 30.9  | 46.3 |
| 54        | 47.8  | 42.7  | 64.1 |





#11  
2-Methylnaphthalene-d10  
Concen: 0.425 ng  
RT: 12.497 min Scan# 1125  
Delta R.T. -0.000 min  
Lab File: BN021407.D  
Acq: 27 Aug 2022 06:58

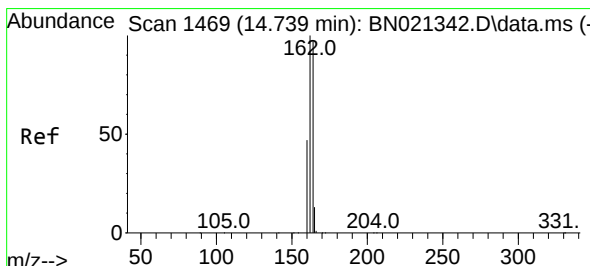
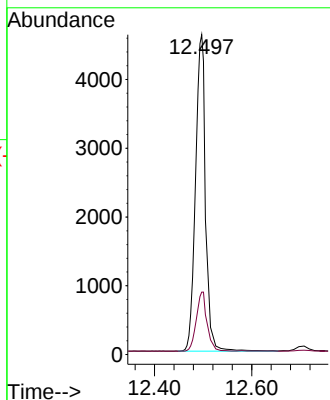
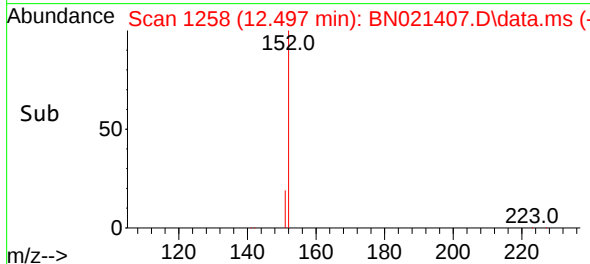
Instrument :  
BNA\_N  
ClientSampleId :  
BP-TT-MW158S1-GW-20220819



Tgt Ion:152 Resp: 1125  
Ion Ratio Lower Upper  
152 100  
151 14.9 14.5 21.7

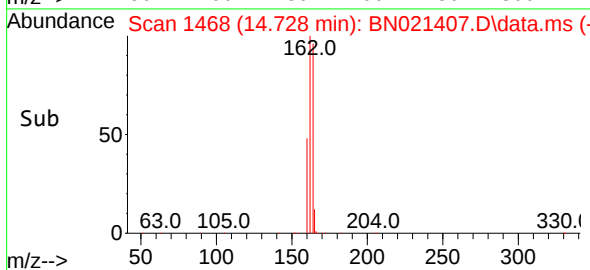
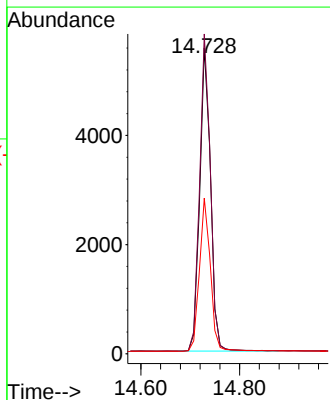
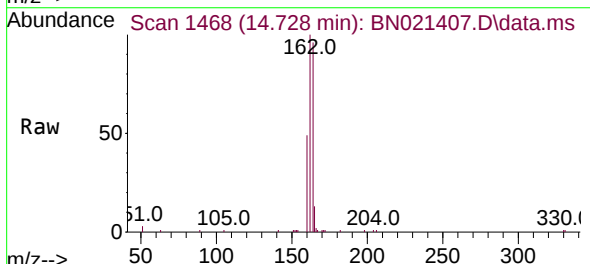
Manual Integrations  
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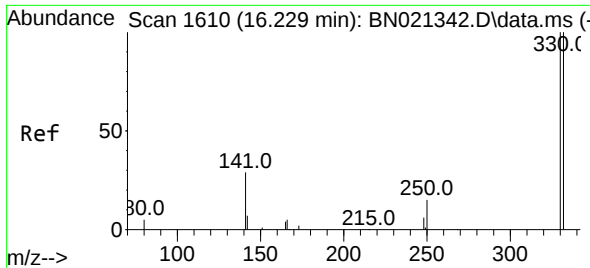
Reviewed By :Christian Giraldo 08/29/2022  
Supervised By :Jagrut Upadhyay 08/29/2022



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.728 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: BN021407.D  
Acq: 27 Aug 2022 06:58

Tgt Ion:164 Resp: 8450  
Ion Ratio Lower Upper  
164 100  
162 104.6 82.2 123.4  
160 50.9 39.5 59.3





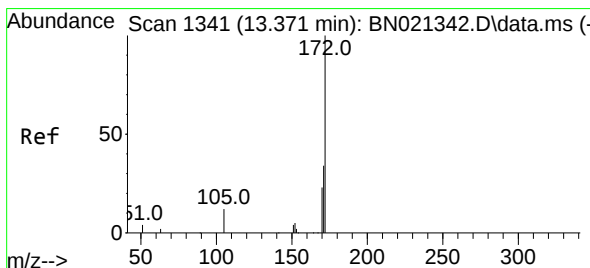
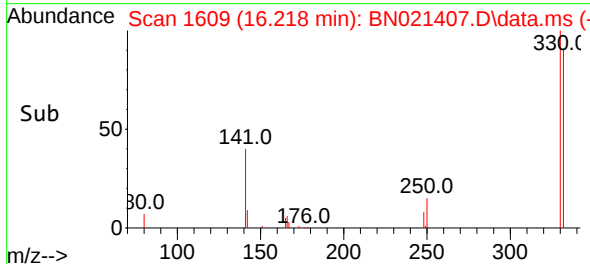
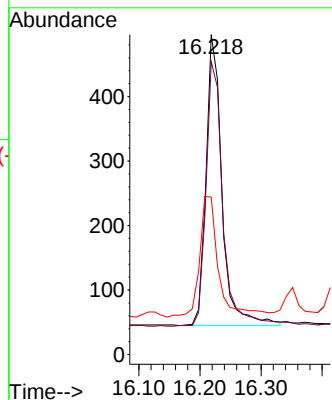
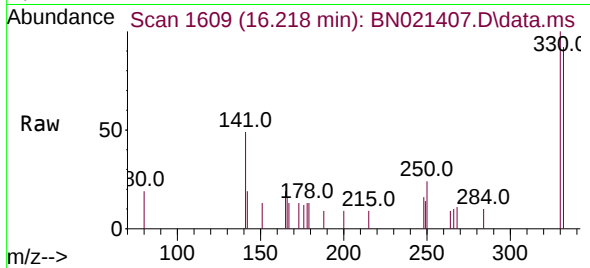
#14  
2,4,6-Tribromophenol  
Concen: 0.211 ng  
RT: 16.218 min Scan# 1609  
Delta R.T. -0.000 min  
Lab File: BN021407.D  
Acq: 27 Aug 2022 06:58

Instrument :  
BNA\_N  
ClientSampleId :  
BP-TT-MW158S1-GW-20220819

Tgt Ion:330 Resp: 816  
Ion Ratio Lower Upper  
330 100  
332 96.2 79.3 118.9  
141 49.3 37.1 55.7

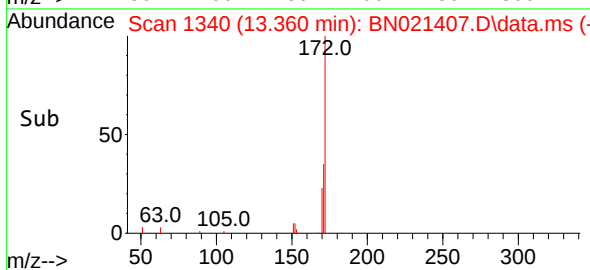
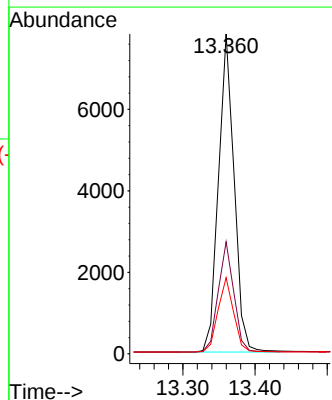
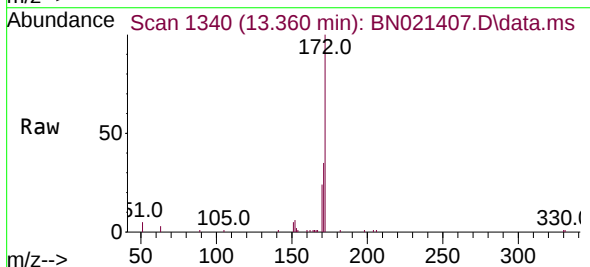
Manual Integrations  
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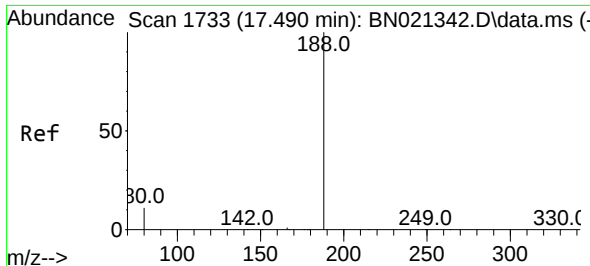
Reviewed By :Christian Giraldo 08/29/2022  
Supervised By :Jagrut Upadhyay 08/29/2022



#15  
2-Fluorobiphenyl  
Concen: 0.313 ng  
RT: 13.360 min Scan# 1340  
Delta R.T. -0.000 min  
Lab File: BN021407.D  
Acq: 27 Aug 2022 06:58

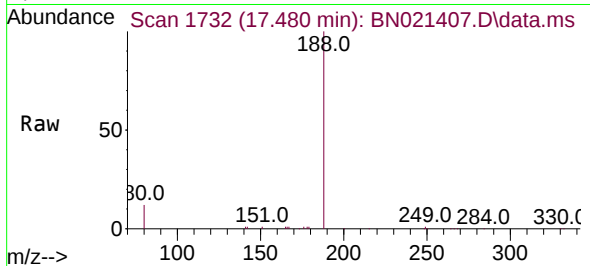
Tgt Ion:172 Resp: 11826  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.8 41.6  
170 23.8 18.6 28.0





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.480 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN021407.D  
Acq: 27 Aug 2022 06:58

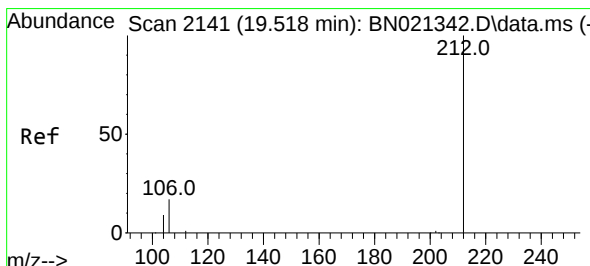
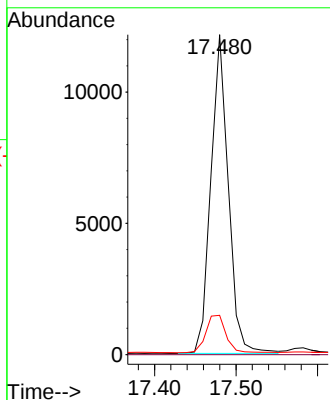
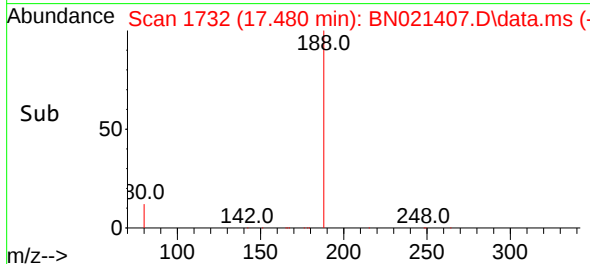
Instrument :  
BNA\_N  
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BP-TT-MW158S1-GW-20220819



Tgt Ion:188 Resp: 18099  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.3 9.5 14.3

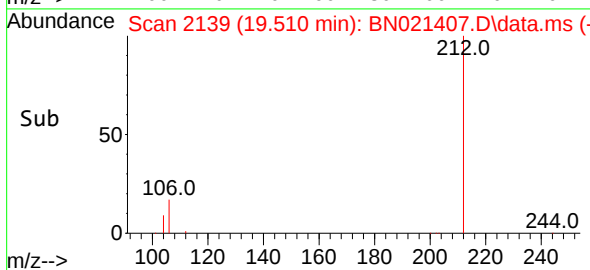
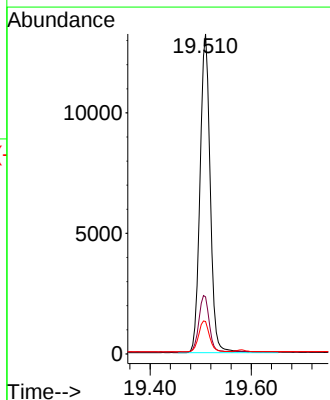
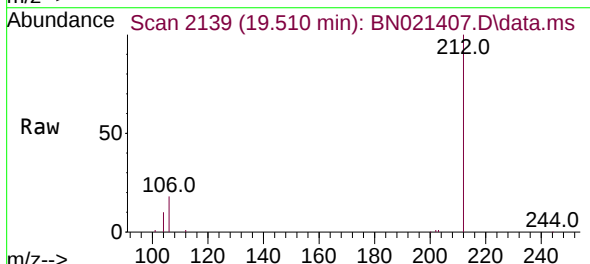
Manual Integrations  
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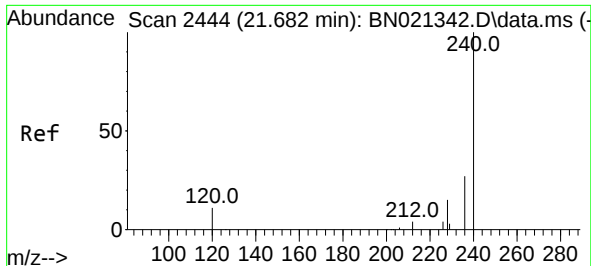
Reviewed By :Christian Giraldo 08/29/2022  
Supervised By :Jagrut Upadhyay 08/29/2022



#27  
Fluoranthene-d10  
Concen: 0.342 ng  
RT: 19.510 min Scan# 2139  
Delta R.T. -0.000 min  
Lab File: BN021407.D  
Acq: 27 Aug 2022 06:58

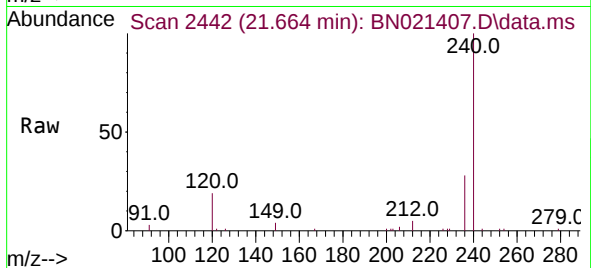
Tgt Ion:212 Resp: 18469  
Ion Ratio Lower Upper  
212 100  
106 17.9 14.2 21.2  
104 10.2 7.8 11.6





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.664 min Scan# 2444  
Delta R.T. -0.009 min  
Lab File: BN021407.D  
Acq: 27 Aug 2022 06:58

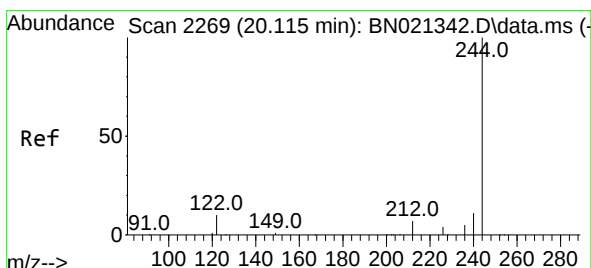
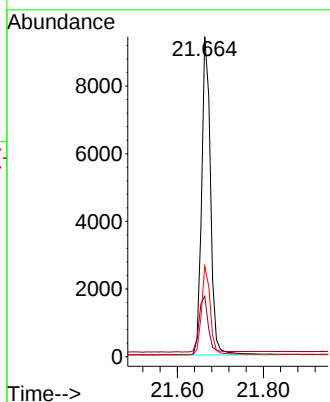
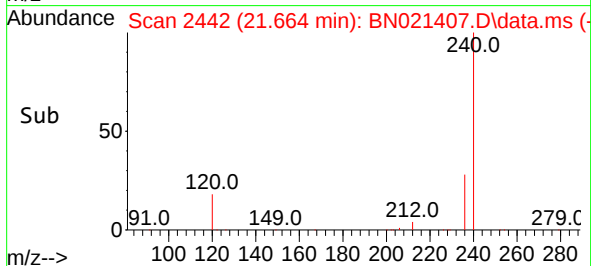
Instrument :  
BNA\_N  
ClientSampleId :  
BP-TT-MW158S1-GW-20220819



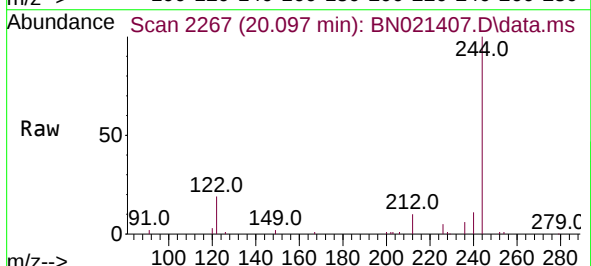
Tgt Ion:240 Resp: 13311  
Ion Ratio Lower Upper  
240 100  
120 18.9 10.2 15.4#  
236 28.2 22.1 33.1#

Manual Integrations  
APPROVED

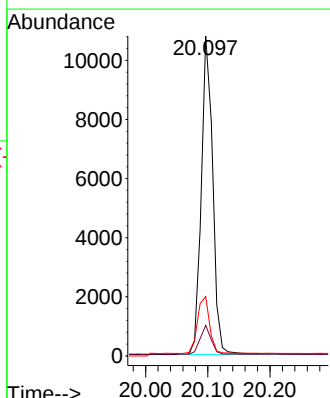
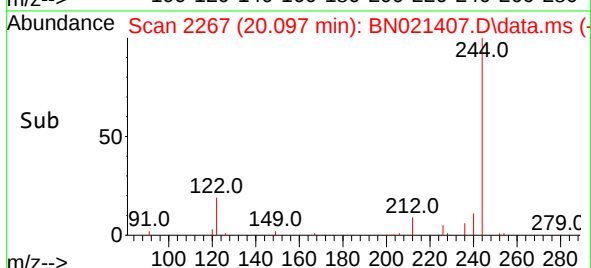
Reviewed By :Christian Giraldo 08/29/2022  
Supervised By :Jagrut Upadhyay 08/29/2022

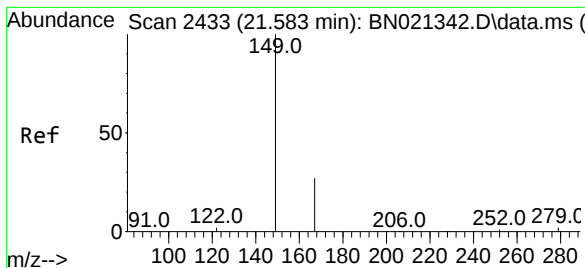


#31  
Terphenyl-d14  
Concen: 0.490 ng  
RT: 20.097 min Scan# 2267  
Delta R.T. -0.009 min  
Lab File: BN021407.D  
Acq: 27 Aug 2022 06:58



Tgt Ion:244 Resp: 13775  
Ion Ratio Lower Upper  
244 100  
212 9.5 6.5 9.7  
122 18.5 9.1 13.7#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.055 ng

RT: 21.565 min Scan# 2431

Delta R.T. -0.009 min

Lab File: BN021407.D

Acq: 27 Aug 2022 06:58

Instrument :

BNA\_N

ClientSampleId :

BP-TT-MW158S1-GW-20220819

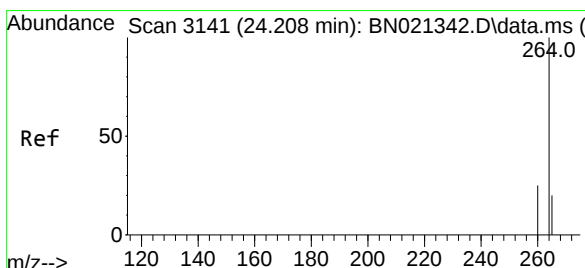
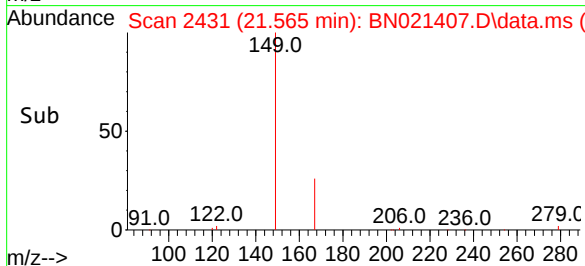
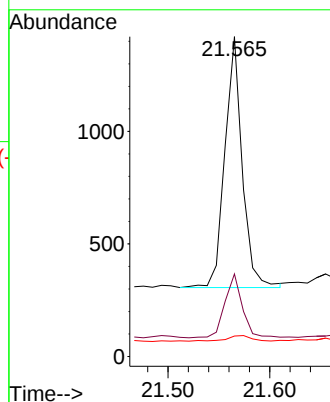
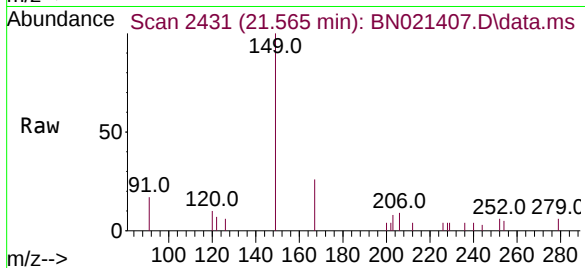
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 1325 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 26.0  | 21.4  | 32.0 |
| 279       | 3.8   | 2.2   | 3.2  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/29/2022

Supervised By :Jagrut Upadhyay 08/29/2022



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.191 min Scan# 3135

Delta R.T. -0.012 min

Lab File: BN021407.D

Acq: 27 Aug 2022 06:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 10253 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 27.1  | 21.0  | 31.6  |
| 265       | 35.6  | 32.2  | 48.2  |

