

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031424\  
 Data File : BN030394.D  
 Acq On : 14 Mar 2024 12:57  
 Operator : MA/JU  
 Sample : P1716-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-100-20240307

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024  
 Supervised By :mohammad ahmed 03/16/2024

Quant Time: Mar 14 14:05:27 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 14 11:36:29 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.645  | 152  | 1486     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.423 | 136  | 3407     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.286 | 164  | 2174     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.057 | 188  | 4661     | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12              | 21.259 | 240  | 4612     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.490 | 264  | 4755     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.247  | 112  | 319      | 0.082 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.822  | 99   | 132      | 0.035 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.822  | 82   | 679      | 0.217 | ng    | 0.02     |
| 11) 2-Methylnaphthalene-d10   | 12.034 | 152  | 1388     | 0.262 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol      | 15.803 | 330  | 232      | 0.183 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 12.918 | 172  | 2671m    | 0.305 | ng    | 0.01     |
| 27) Fluoranthene-d10          | 19.090 | 212  | 4379     | 0.324 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.698 | 244  | 4300     | 0.410 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.232  | 88   | 7695     | 3.730 | ng    | 97       |
| 34) Bis(2-ethylhexyl)phtha... | 21.187 | 149  | 1809     | 0.226 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

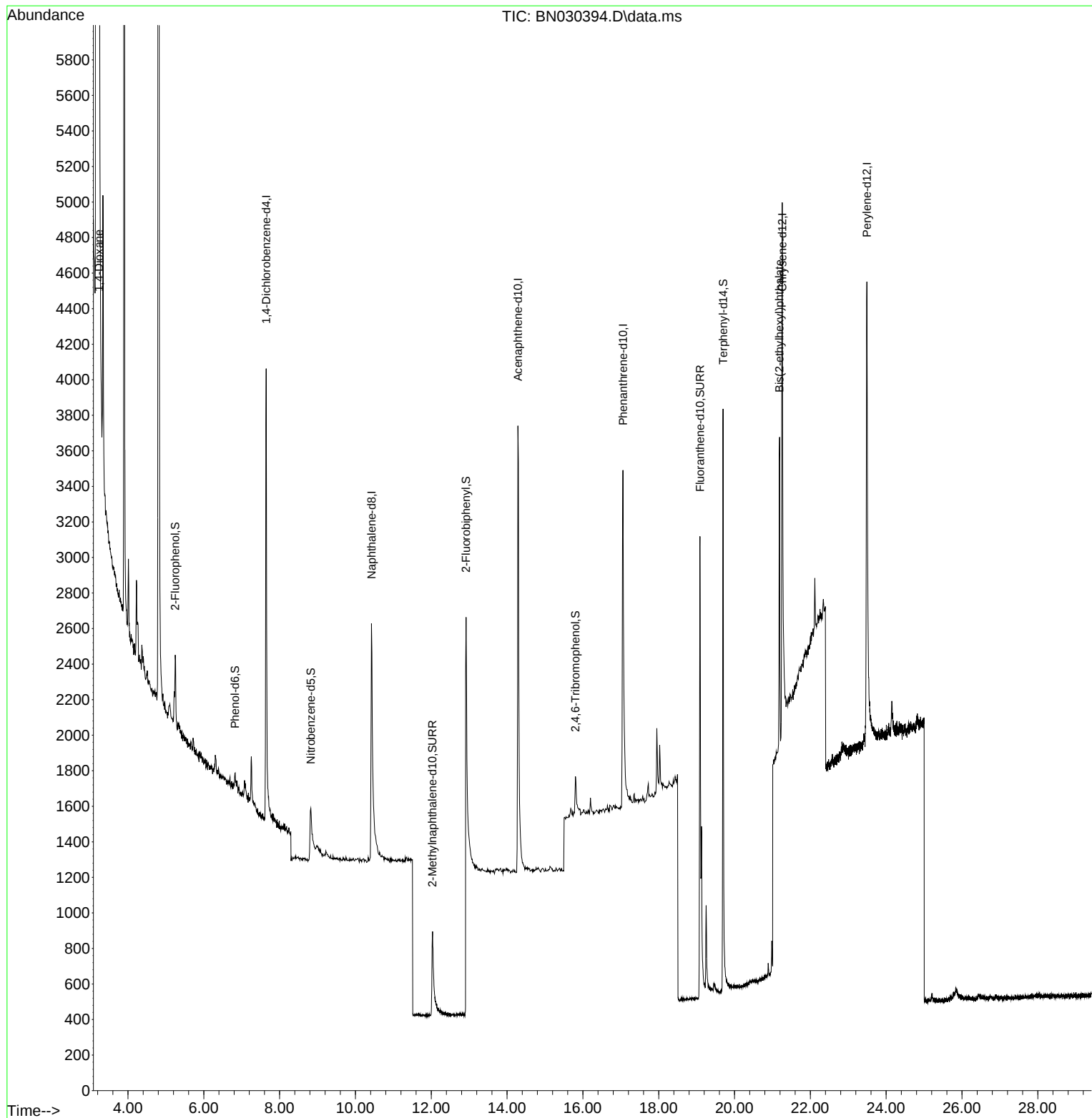
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031424\  
Data File : BN030394.D  
Acq On : 14 Mar 2024 12:57  
Operator : MA/JU  
Sample : P1716-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

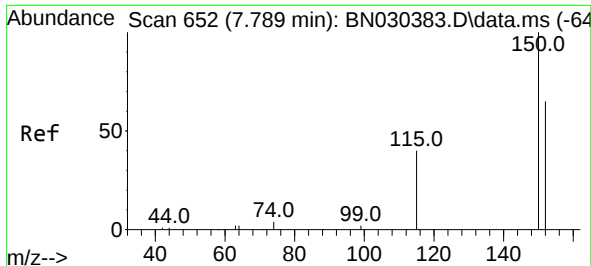
Instrument :  
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Quant Time: Mar 14 14:05:27 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 14 11:36:29 2024  
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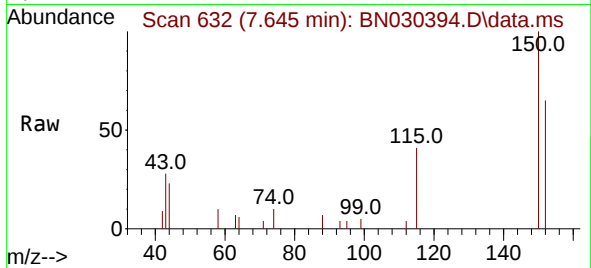
Reviewed By :Jagrut Upadhyay 03/14/2024  
Supervised By :mohammad ahmed 03/16/2024





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.645 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: BN030394.D  
Acq: 14 Mar 2024 12:57

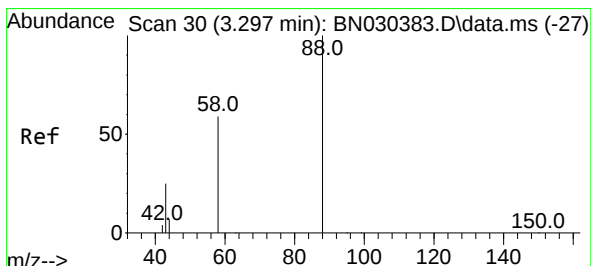
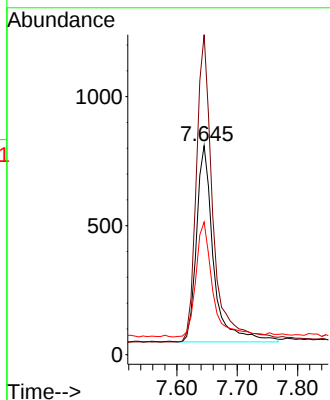
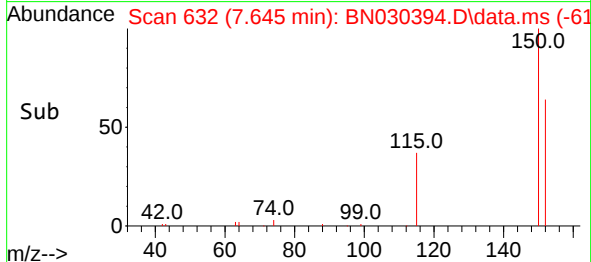
Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240307



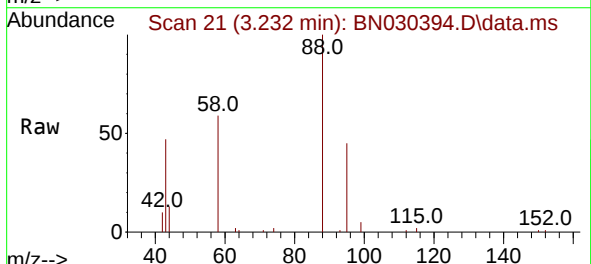
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Ion Ratio Lower Upper  
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150 153.1 120.4 180.6  
115 63.5 52.8 79.2

Manual Integrations  
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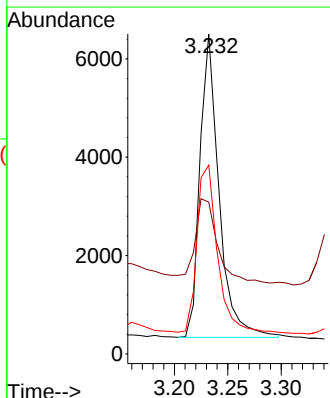
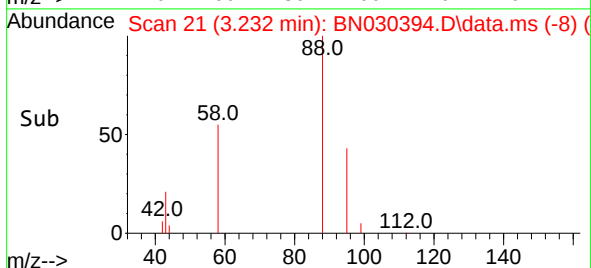
Reviewed By :Jagrut Upadhyay 03/14/2024  
Supervised By :mohammad ahmed 03/16/2024

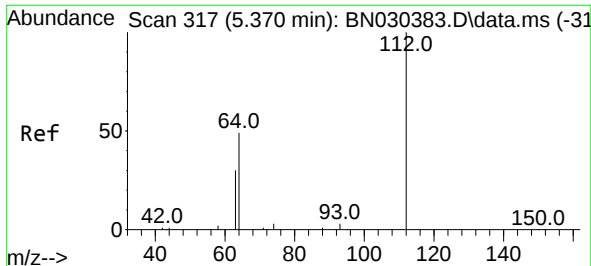


#2  
1,4-Dioxane  
Concen: 3.730 ng  
RT: 3.232 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: BN030394.D  
Acq: 14 Mar 2024 12:57



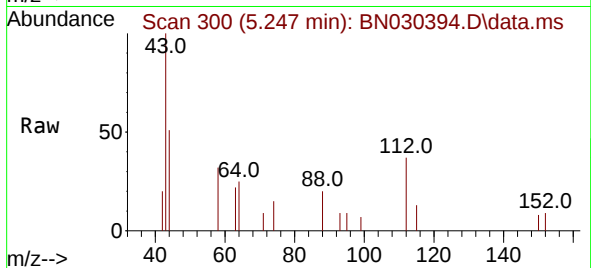
Tgt Ion: 88 Resp: 7695  
Ion Ratio Lower Upper  
88 100  
43 32.4 23.4 35.0  
58 58.4 46.1 69.1





#4  
2-Fluorophenol  
Concen: 0.082 ng  
RT: 5.247 min Scan# 319  
Delta R.T. -0.000 min  
Lab File: BN030394.D  
Acq: 14 Mar 2024 12:57

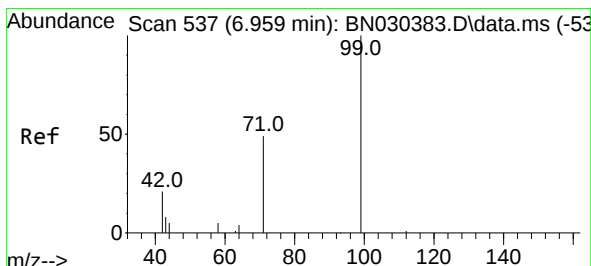
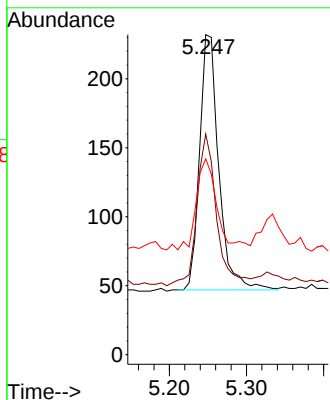
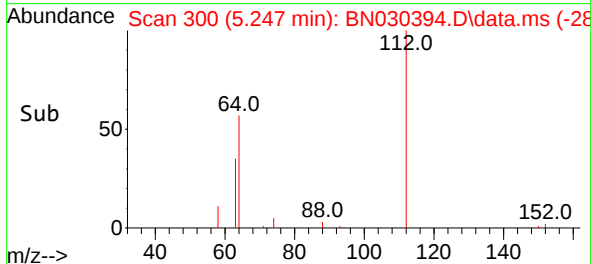
Instrument :  
BNA\_N  
ClientSampleId :  
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Tgt Ion: 112 Resp: 319  
Ion Ratio Lower Upper  
112 100  
64 60.8 45.6 68.4  
63 38.2 28.2 42.4

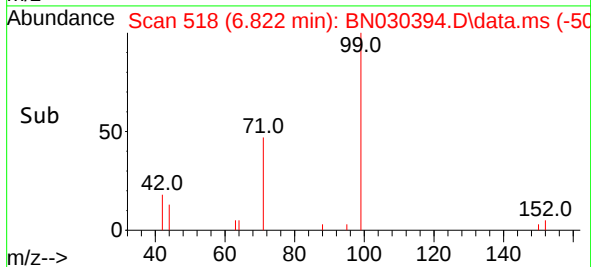
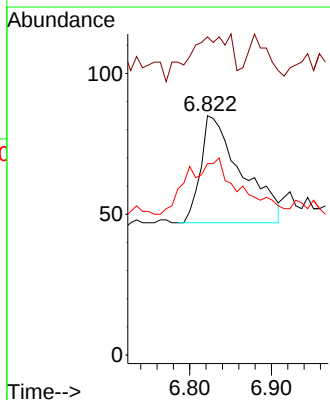
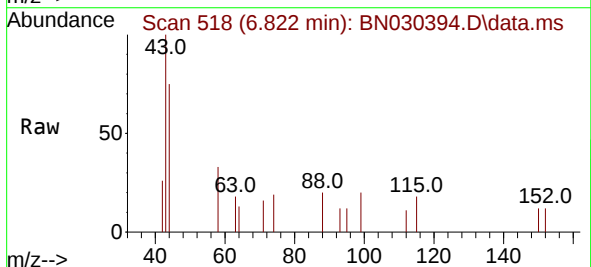
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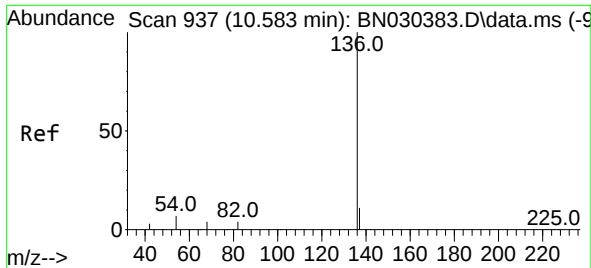
Reviewed By :Jagrut Upadhyay 03/14/2024  
Supervised By :mohammad ahmed 03/16/2024



#5  
Phenol-d6  
Concen: 0.035 ng  
RT: 6.822 min Scan# 518  
Delta R.T. 0.007 min  
Lab File: BN030394.D  
Acq: 14 Mar 2024 12:57

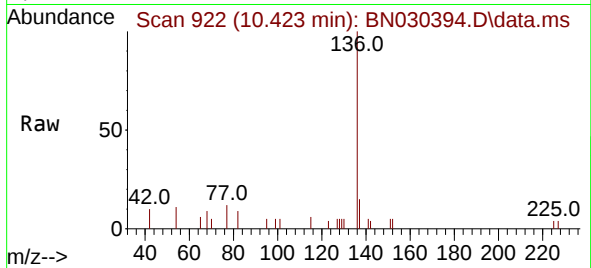
Tgt Ion: 99 Resp: 132  
Ion Ratio Lower Upper  
99 100  
42 28.0 17.0 25.6#  
71 65.9 37.0 55.6#





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.423 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN030394.D  
Acq: 14 Mar 2024 12:57

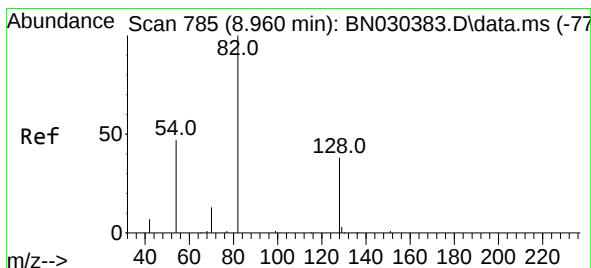
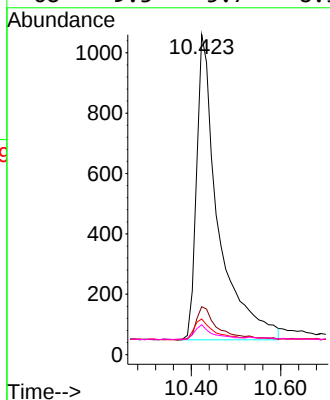
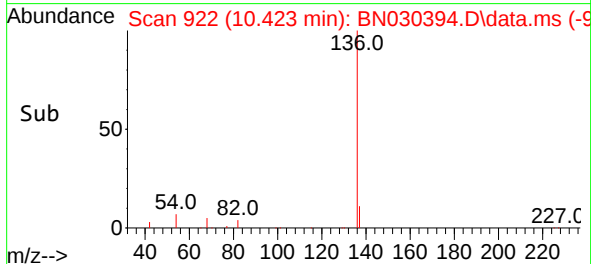
Instrument :  
BNA\_N  
ClientSampleId :  
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Tgt Ion:136 Resp: 340  
Ion Ratio Lower Upper  
136 100  
137 15.0 11.0 16.6  
54 11.1 7.8 11.8  
68 9.3 5.7 8.5#

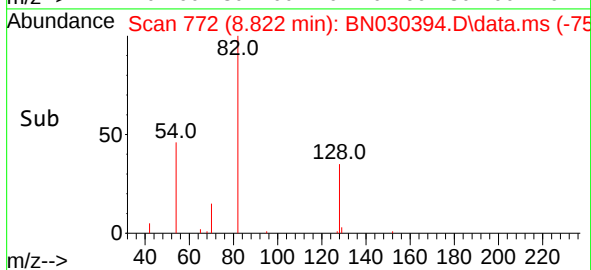
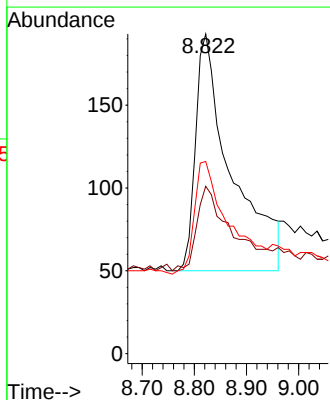
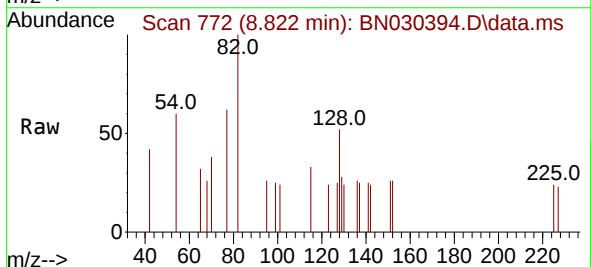
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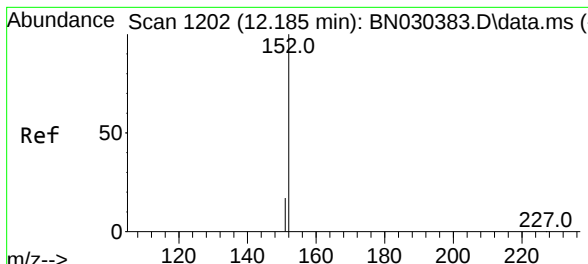
Reviewed By :Jagrut Upadhyay 03/14/2024  
Supervised By :mohammad ahmed 03/16/2024



#8  
Nitrobenzene-d5  
Concen: 0.217 ng  
RT: 8.822 min Scan# 772  
Delta R.T. 0.021 min  
Lab File: BN030394.D  
Acq: 14 Mar 2024 12:57

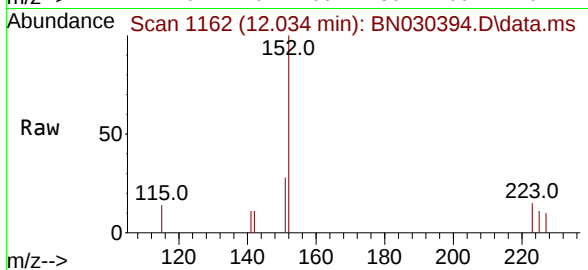
Tgt Ion: 82 Resp: 679  
Ion Ratio Lower Upper  
82 100  
128 52.3 35.2 52.8  
54 60.1 41.5 62.3





#11  
2-Methylnaphthalene-d10  
Concen: 0.262 ng  
RT: 12.034 min Scan# 1162  
Delta R.T. 0.011 min  
Lab File: BN030394.D  
Acq: 14 Mar 2024 12:57

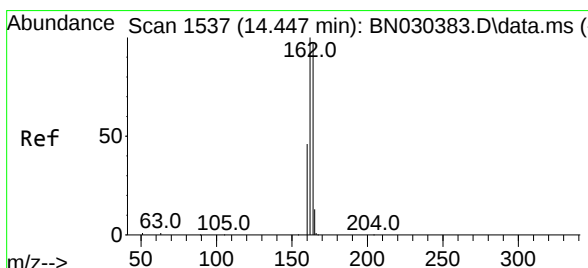
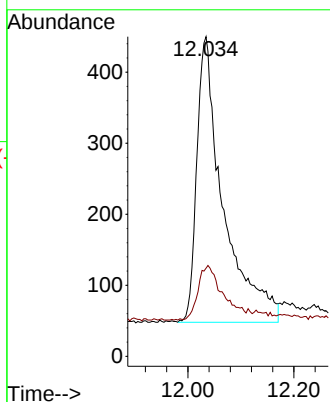
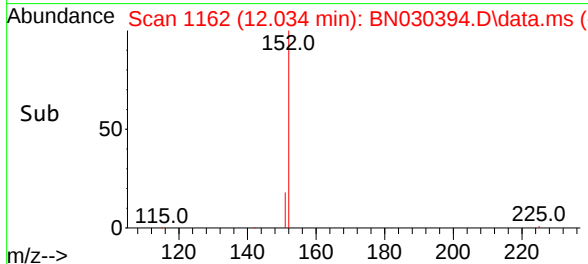
Instrument :  
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ClientSampleId :  
SP-100-20240307



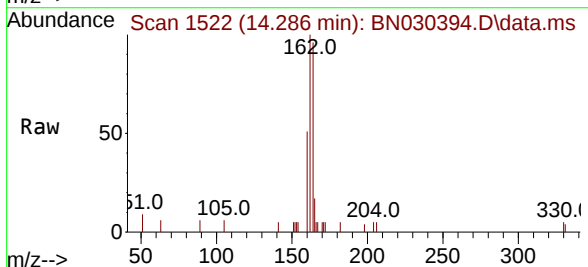
Tgt Ion:152 Resp: 1388  
Ion Ratio Lower Upper  
152 100  
151 18.1 15.8 23.8

Manual Integrations  
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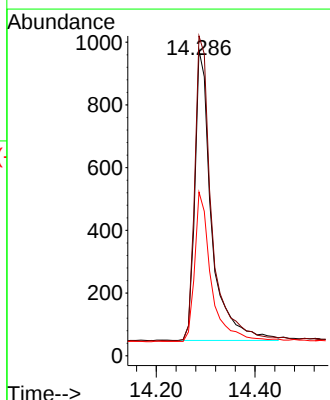
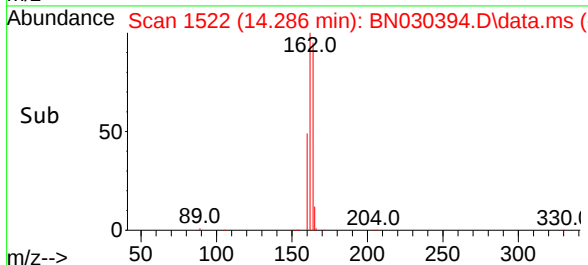
Reviewed By :Jagrut Upadhyay 03/14/2024  
Supervised By :mohammad ahmed 03/16/2024

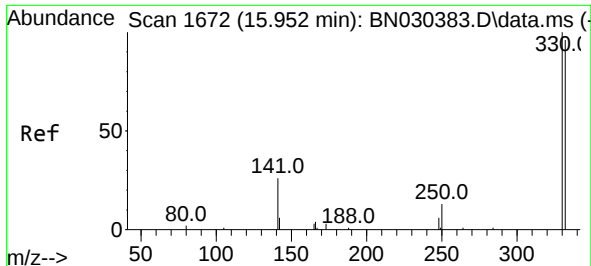


#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.286 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: BN030394.D  
Acq: 14 Mar 2024 12:57



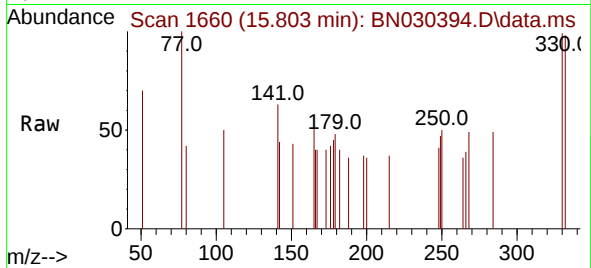
Tgt Ion:164 Resp: 2174  
Ion Ratio Lower Upper  
164 100  
162 104.6 82.6 124.0  
160 53.5 39.5 59.3





#14  
2,4,6-Tribromophenol  
Concen: 0.183 ng  
RT: 15.803 min Scan# 1660  
Delta R.T. 0.012 min  
Lab File: BN030394.D  
Acq: 14 Mar 2024 12:57

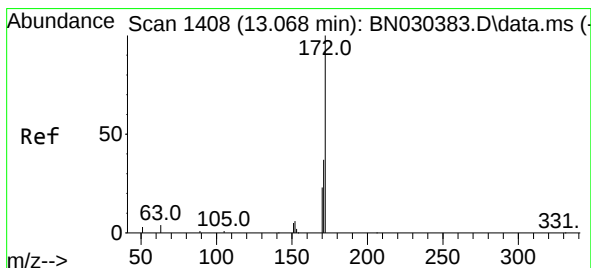
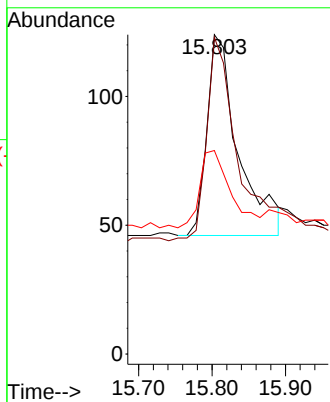
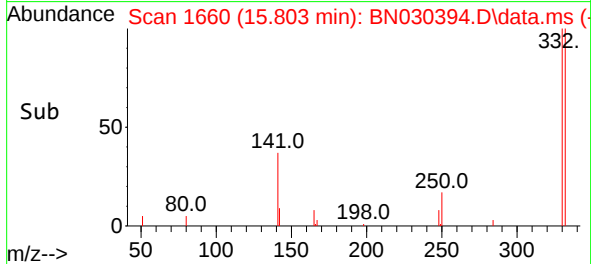
Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240307



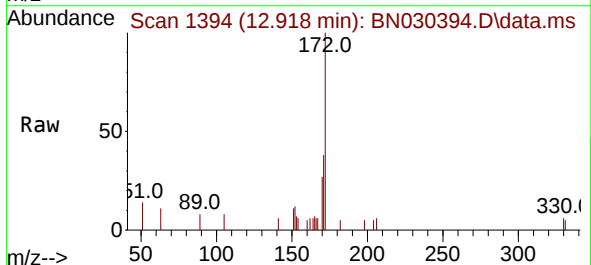
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Ion Ratio Lower Upper  
330 100  
332 96.1 77.2 115.8  
141 37.5 31.4 47.2

Manual Integrations  
APPROVED

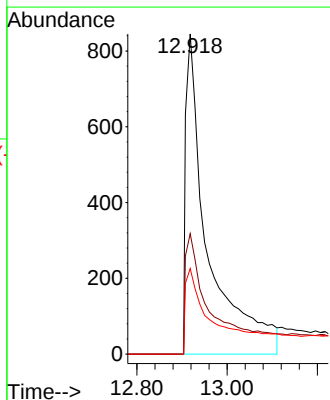
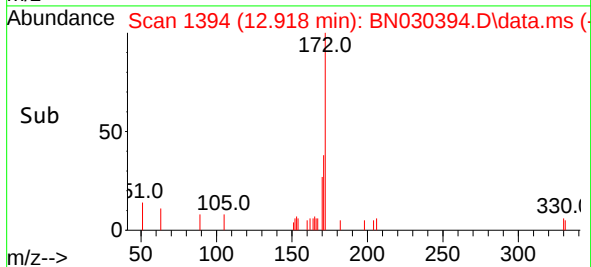
Reviewed By :Jagrut Upadhyay 03/14/2024  
Supervised By :mohammad ahmed 03/16/2024

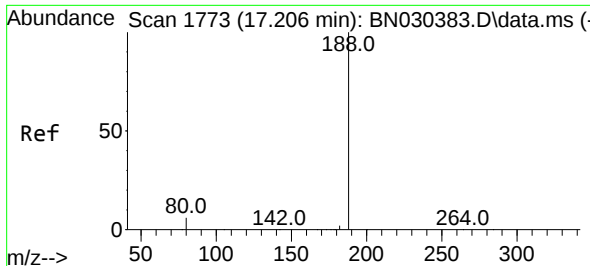


#15  
2-Fluorobiphenyl  
Concen: 0.305 ng m  
RT: 12.918 min Scan# 1394  
Delta R.T. 0.011 min  
Lab File: BN030394.D  
Acq: 14 Mar 2024 12:57



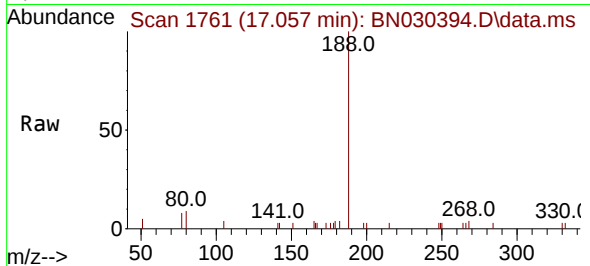
Tgt Ion:172 Resp: 2671  
Ion Ratio Lower Upper  
172 100  
171 37.6 31.0 46.6  
170 26.7 20.6 31.0





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.057 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BN030394.D  
Acq: 14 Mar 2024 12:57

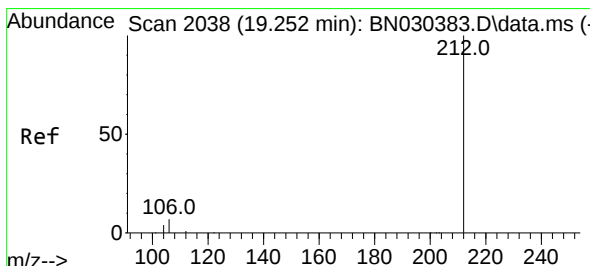
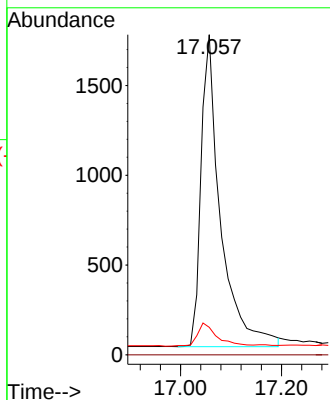
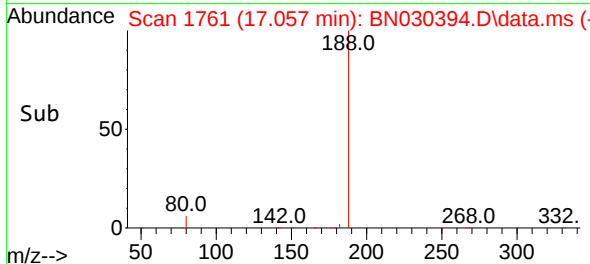
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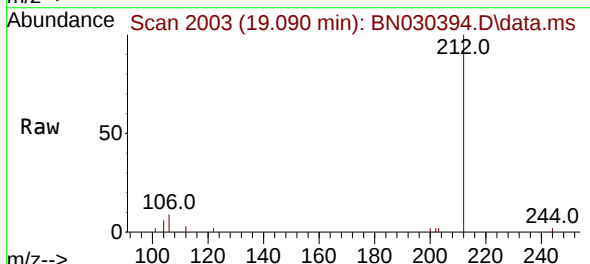
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Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.6 6.4 9.6

Manual Integrations  
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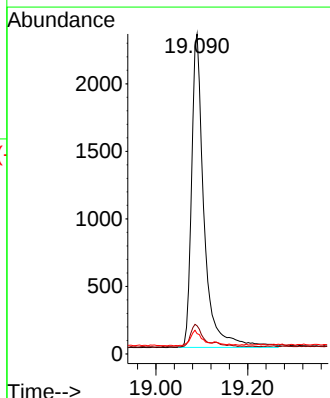
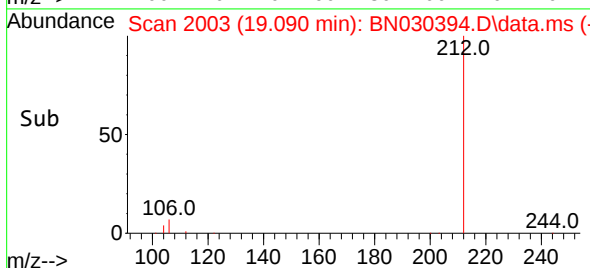
Reviewed By :Jagrut Upadhyay 03/14/2024  
Supervised By :mohammad ahmed 03/16/2024

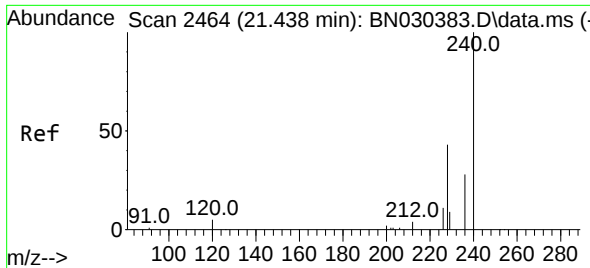


#27  
Fluoranthene-d10  
Concen: 0.324 ng  
RT: 19.090 min Scan# 2003  
Delta R.T. 0.005 min  
Lab File: BN030394.D  
Acq: 14 Mar 2024 12:57



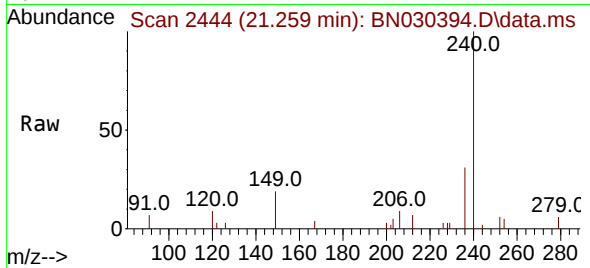
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Ion Ratio Lower Upper  
212 100  
106 6.8 6.0 9.0  
104 4.5 3.4 5.0





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.259 min Scan# 2464  
Delta R.T. 0.009 min  
Lab File: BN030394.D  
Acq: 14 Mar 2024 12:57

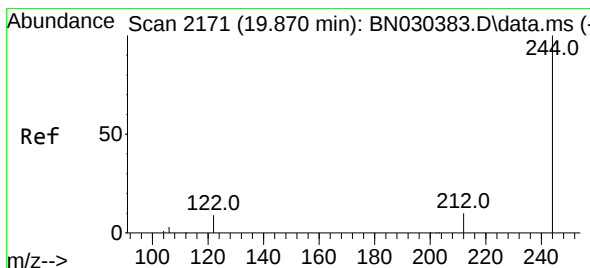
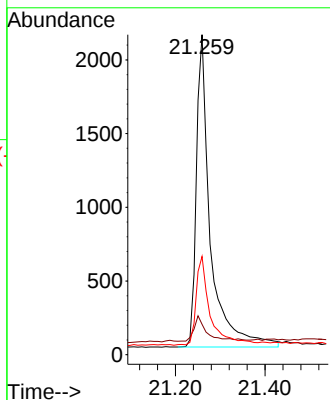
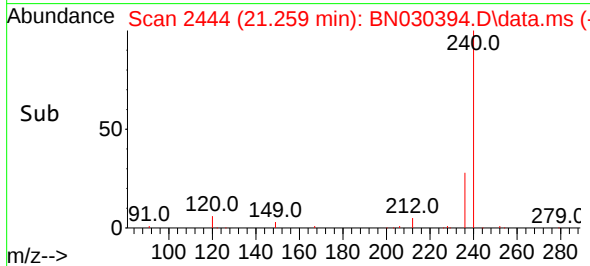
Instrument :  
BNA\_N  
ClientSampleId :  
SP-100-20240307



Tgt Ion:240 Resp: 461  
Ion Ratio Lower Upper  
240 100  
120 9.5 6.7 10.1  
236 30.7 23.8 35.8

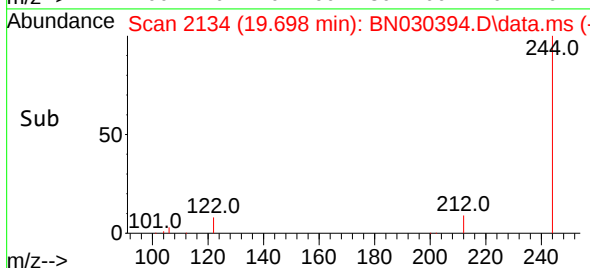
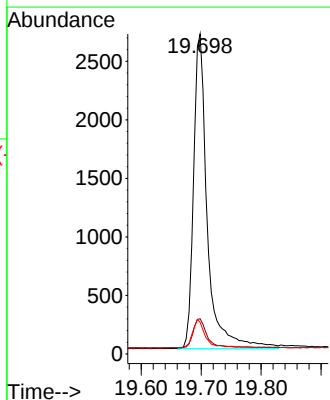
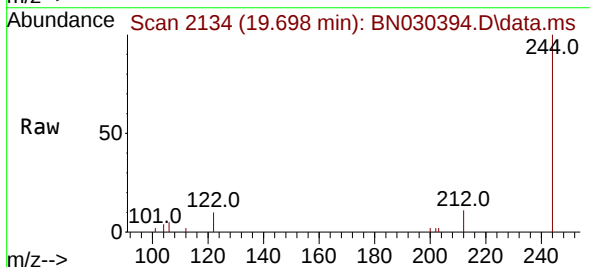
Manual Integrations  
APPROVED

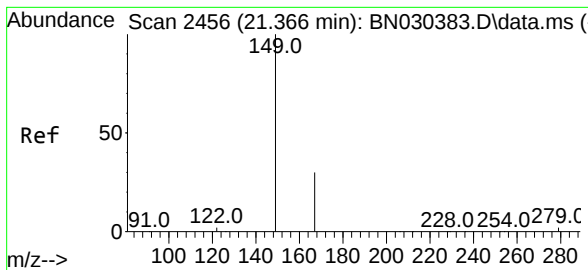
Reviewed By :Jagrut Upadhyay 03/14/2024  
Supervised By :mohammad ahmed 03/16/2024



#31  
Terphenyl-d14  
Concen: 0.410 ng  
RT: 19.698 min Scan# 2134  
Delta R.T. -0.000 min  
Lab File: BN030394.D  
Acq: 14 Mar 2024 12:57

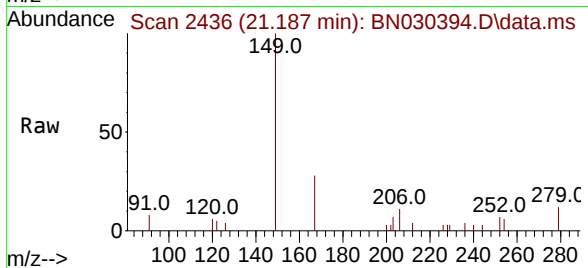
Tgt Ion:244 Resp: 4300  
Ion Ratio Lower Upper  
244 100  
212 11.0 9.8 14.6  
122 9.9 8.6 12.8





#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.226 ng  
 RT: 21.187 min Scan# 2456  
 Delta R.T. -0.000 min  
 Lab File: BN030394.D  
 Acq: 14 Mar 2024 12:57

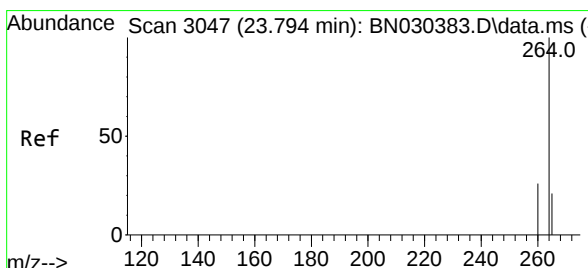
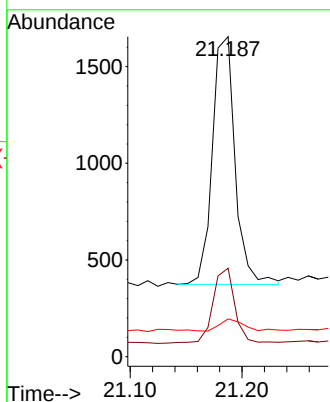
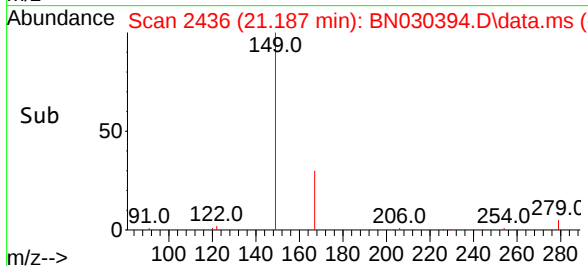
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-100-20240307



Tgt Ion:149 Resp: 1809  
 Ion Ratio Lower Upper  
 149 100  
 167 29.6 23.8 35.6  
 279 5.3 5.1 7.7

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024  
 Supervised By :mohammad ahmed 03/16/2024



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.490 min Scan# 2943  
 Delta R.T. -0.000 min  
 Lab File: BN030394.D  
 Acq: 14 Mar 2024 12:57

Tgt Ion:264 Resp: 4755  
 Ion Ratio Lower Upper  
 264 100  
 260 27.3 21.8 32.8  
 265 74.6 50.6 75.8

