

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031425\  
 Data File : BN036618.D  
 Acq On : 14 Mar 2025 22:19  
 Operator : RC/JU  
 Sample : Q1559-19  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DUP05-20250312

Manual Integrations  
 APPROVED

Reviewed By :Anahy Claudio 03/17/2025  
 Supervised By :Jagrut Upadhyay 03/17/2025

Quant Time: Mar 14 23:33:29 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 16:06:28 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)   |
|-------------------------------|--------|------|----------|-------|-------|------------|
| -----                         |        |      |          |       |       |            |
| Internal Standards            |        |      |          |       |       |            |
| 1) 1,4-Dichlorobenzene-d4     | 7.717  | 152  | 2063     | 0.400 | ng    | 0.00       |
| 7) Naphthalene-d8             | 10.509 | 136  | 4657     | 0.400 | ng    | 0.00       |
| 13) Acenaphthene-d10          | 14.356 | 164  | 2820     | 0.400 | ng    | -0.01      |
| 19) Phenanthrene-d10          | 17.111 | 188  | 5224     | 0.400 | ng    | 0.00       |
| 29) Chrysene-d12              | 21.295 | 240  | 3585     | 0.400 | ng    | 0.00       |
| 35) Perylene-d12              | 23.549 | 264  | 2911     | 0.400 | ng    | 0.00       |
|                               |        |      |          |       |       |            |
| System Monitoring Compounds   |        |      |          |       |       |            |
| 4) 2-Fluorophenol             | 5.312  | 112  | 901      | 0.187 | ng    | 0.00       |
| 5) Phenol-d6                  | 6.901  | 99   | 584      | 0.098 | ng    | 0.00       |
| 8) Nitrobenzene-d5            | 8.875  | 82   | 1594     | 0.315 | ng    | 0.00       |
| 11) 2-Methylnaphthalene-d10   | 12.101 | 152  | 2436     | 0.352 | ng    | 0.00       |
| 14) 2,4,6-Tribromophenol      | 15.858 | 330  | 455      | 0.356 | ng    | 0.00       |
| 15) 2-Fluorobiphenyl          | 12.983 | 172  | 5779     | 0.352 | ng    | 0.00       |
| 27) Fluoranthene-d10          | 19.137 | 212  | 5913     | 0.442 | ng    | 0.00       |
| 31) Terphenyl-d14             | 19.740 | 244  | 4017     | 0.468 | ng    | 0.00       |
|                               |        |      |          |       |       |            |
| Target Compounds              |        |      |          |       |       |            |
| 2) 1,4-Dioxane                | 3.240  | 88   | 284      | 0.124 | ng    | Qvalue # 1 |
| 34) Bis(2-ethylhexyl)phtha... | 21.214 | 149  | 1076m    | 0.121 | ng    |            |
| -----                         |        |      |          |       |       |            |

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

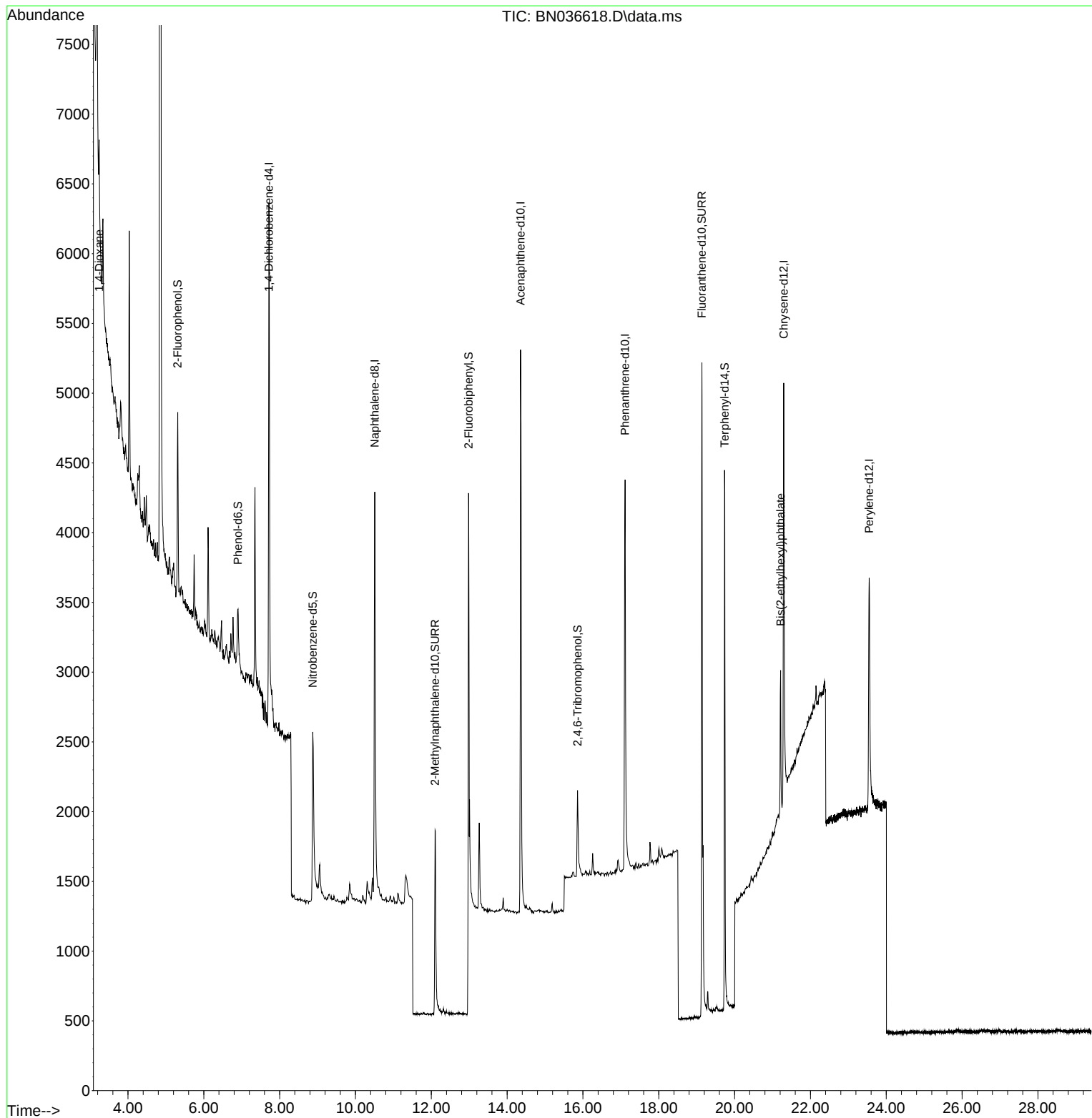
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031425\  
Data File : BN036618.D  
Acq On : 14 Mar 2025 22:19  
Operator : RC/JU  
Sample : Q1559-19  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DUP05-20250312

Quant Time: Mar 14 23:33:29 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 16:06:28 2025  
Response via : Initial Calibration

Manual Integrations  
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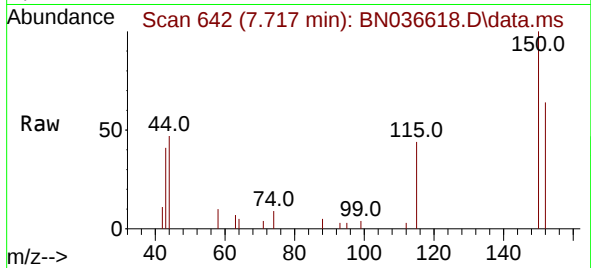
Reviewed By :Anahy Claudio 03/17/2025  
Supervised By :Jagrut Upadhyay 03/17/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.717 min Scan# 643  
Delta R.T. -0.007 min  
Lab File: BN036618.D  
Acq: 14 Mar 2025 22:19

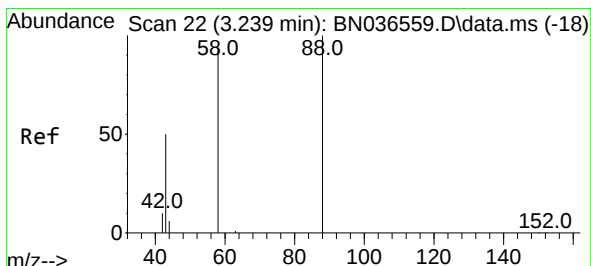
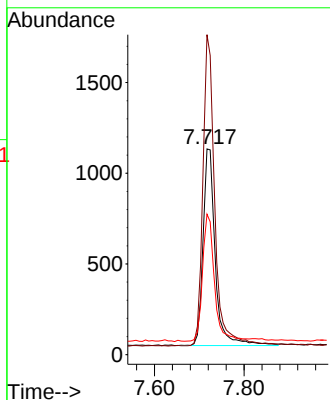
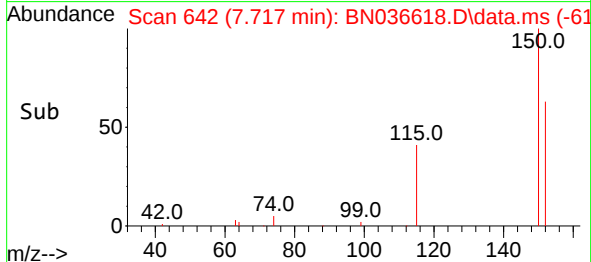
Instrument :  
BNA\_N  
ClientSampleId :  
DUP05-20250312



Tgt Ion: 152 Resp: 206  
Ion Ratio Lower Upper  
152 100  
150 155.6 123.7 185.5  
115 68.3 54.3 81.5

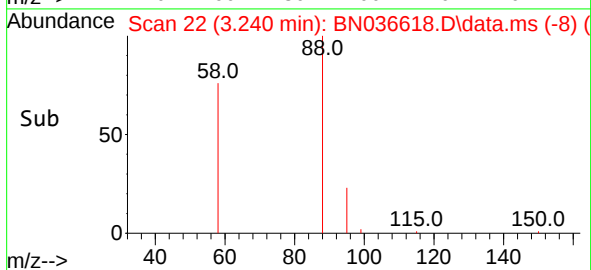
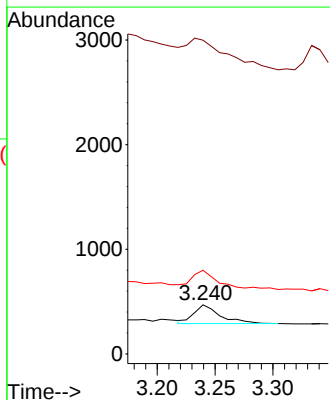
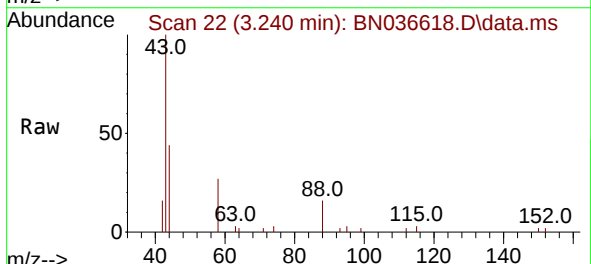
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Supervised By :Jagrut Upadhyay 03/17/2025



#2  
1,4-Dioxane  
Concen: 0.124 ng  
RT: 3.240 min Scan# 22  
Delta R.T. 0.001 min  
Lab File: BN036618.D  
Acq: 14 Mar 2025 22:19

Tgt Ion: 88 Resp: 284  
Ion Ratio Lower Upper  
88 100  
43 258.1 37.8 56.8#  
58 106.7 67.4 101.2#





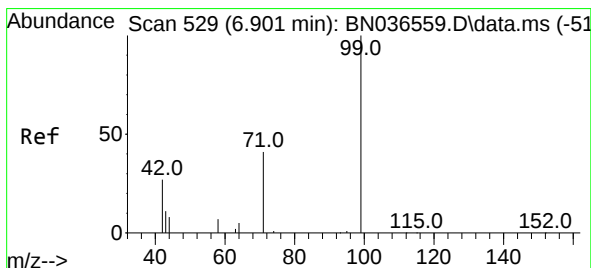
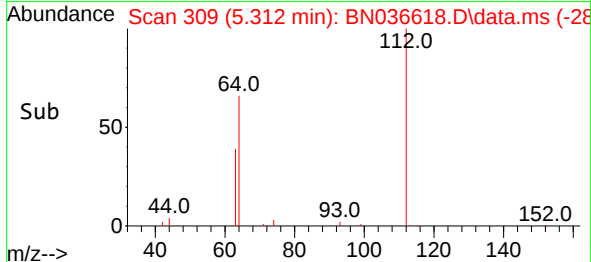
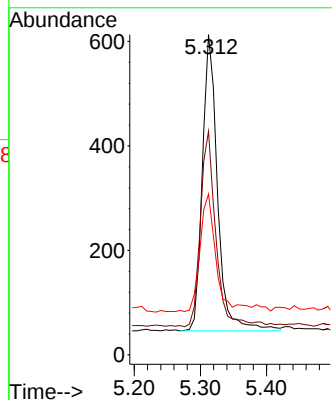
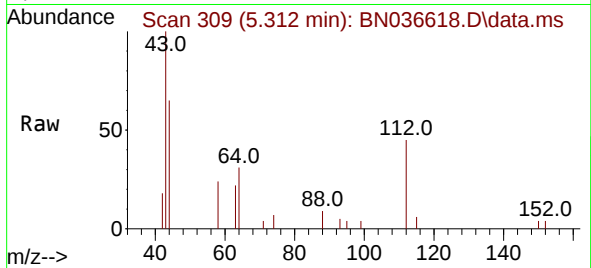
#4  
2-Fluorophenol  
Concen: 0.187 ng  
RT: 5.312 min Scan# 309  
Delta R.T. 0.000 min  
Lab File: BN036618.D  
Acq: 14 Mar 2025 22:19

Instrument :  
BNA\_N  
ClientSampleId :  
DUP05-20250312

Tgt Ion: 112 Resp: 90  
Ion Ratio Lower Upper  
112 100  
64 67.0 53.1 79.7  
63 41.6 31.8 47.8

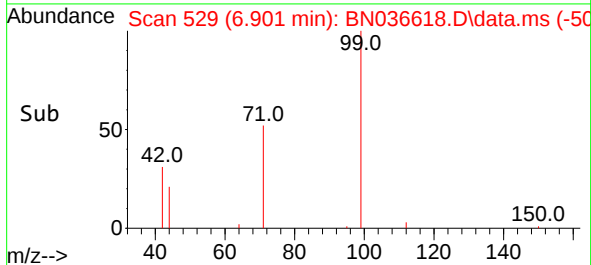
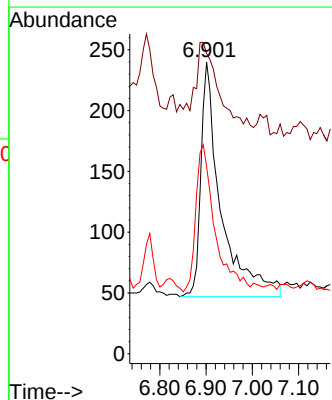
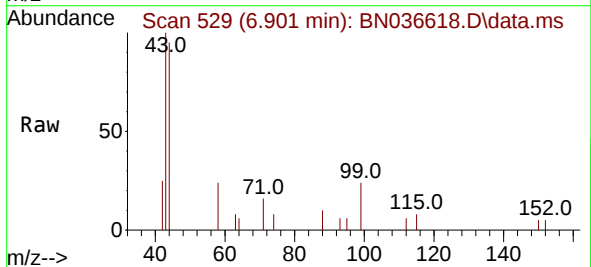
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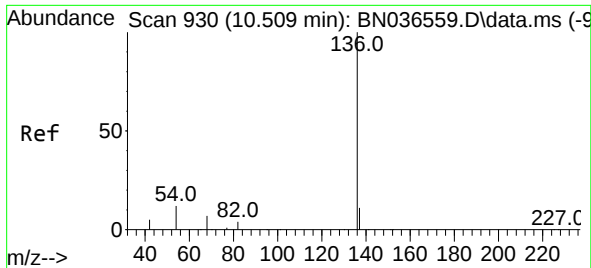
Reviewed By :Anahy Claudio 03/17/2025  
Supervised By :Jagrut Upadhyay 03/17/2025



#5  
Phenol-d6  
Concen: 0.098 ng  
RT: 6.901 min Scan# 529  
Delta R.T. 0.000 min  
Lab File: BN036618.D  
Acq: 14 Mar 2025 22:19

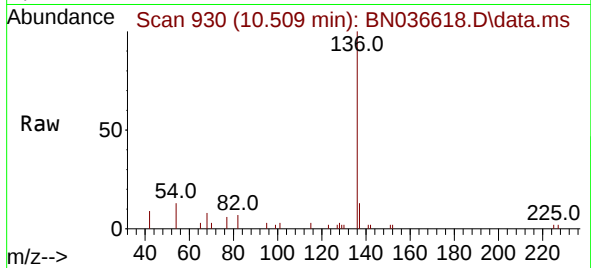
Tgt Ion: 99 Resp: 584  
Ion Ratio Lower Upper  
99 100  
42 39.7 26.5 39.7#  
71 59.6 34.1 51.1#





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.509 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN036618.D  
Acq: 14 Mar 2025 22:19

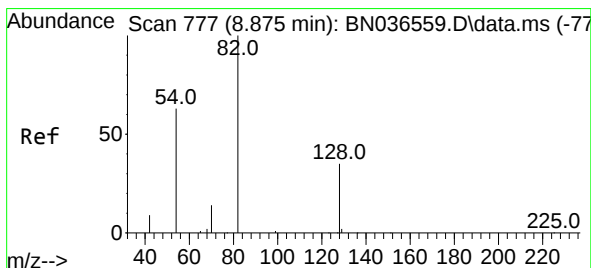
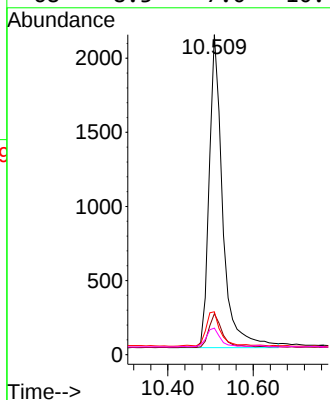
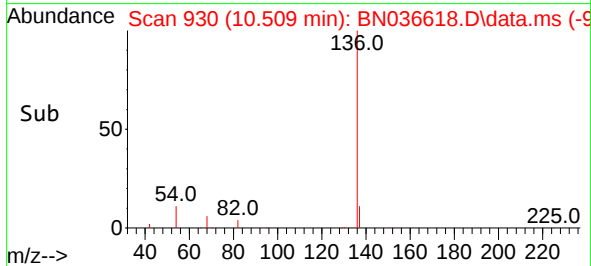
Instrument :  
BNA\_N  
ClientSampleId :  
DUP05-20250312



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 465   |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.8  | 10.3  | 15.5  |
| 54       | 13.4  | 11.5  | 17.3  |
| 68       | 8.3   | 7.0   | 10.4  |

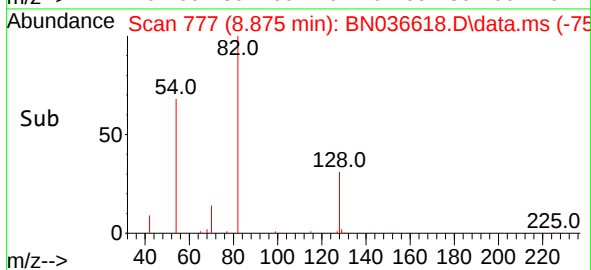
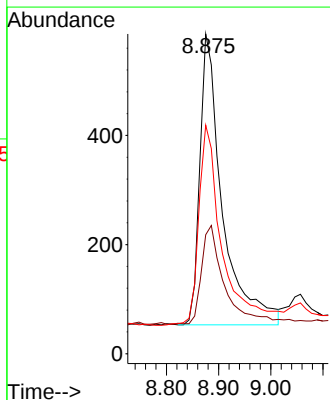
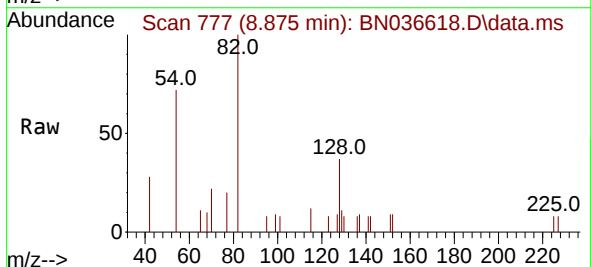
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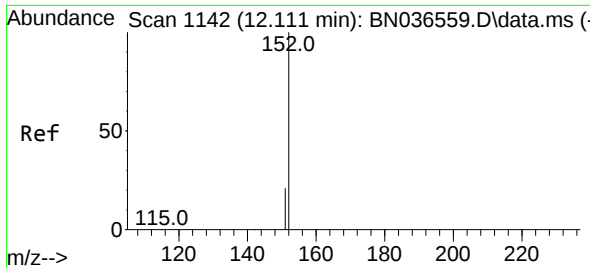
Reviewed By :Anahy Claudio 03/17/2025  
Supervised By :Jagrut Upadhyay 03/17/2025



#8  
Nitrobenzene-d5  
Concen: 0.315 ng  
RT: 8.875 min Scan# 777  
Delta R.T. 0.000 min  
Lab File: BN036618.D  
Acq: 14 Mar 2025 22:19

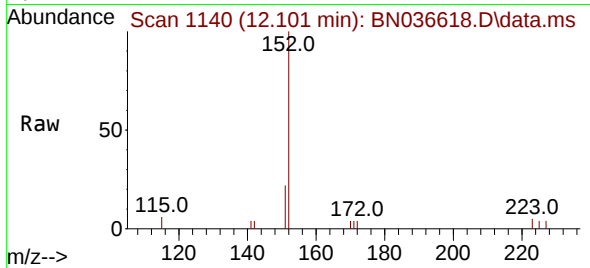
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1594  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 37.2  | 30.6  | 45.8  |
| 54       | 71.5  | 52.2  | 78.4  |





#11  
2-Methylnaphthalene-d10  
Concen: 0.352 ng  
RT: 12.101 min Scan# 1140  
Delta R.T. -0.010 min  
Lab File: BN036618.D  
Acq: 14 Mar 2025 22:19

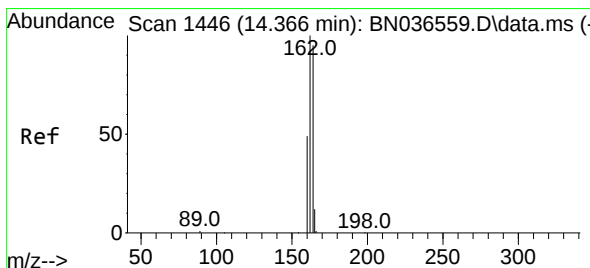
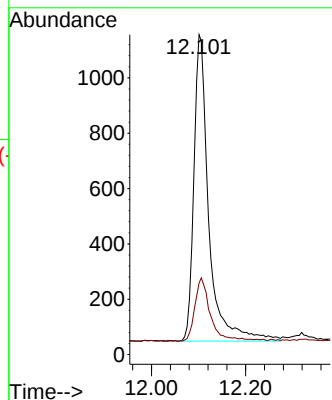
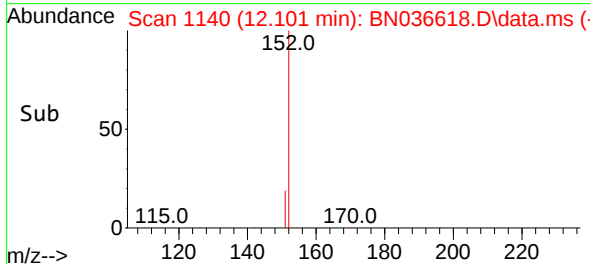
Instrument :  
BNA\_N  
ClientSampleId :  
DUP05-20250312



Tgt Ion:152 Resp: 2430  
Ion Ratio Lower Upper  
152 100  
151 22.1 17.0 25.6

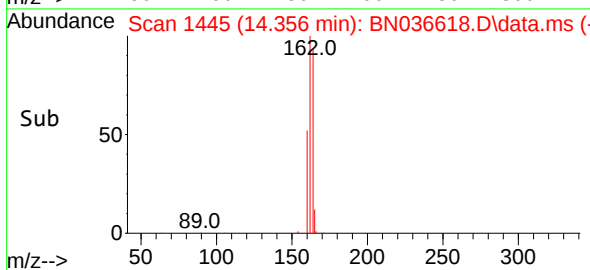
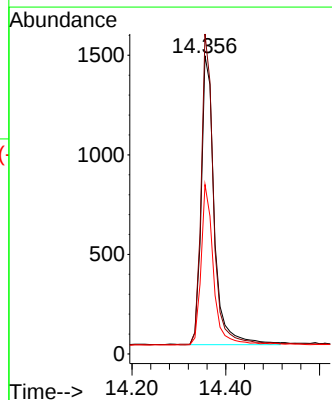
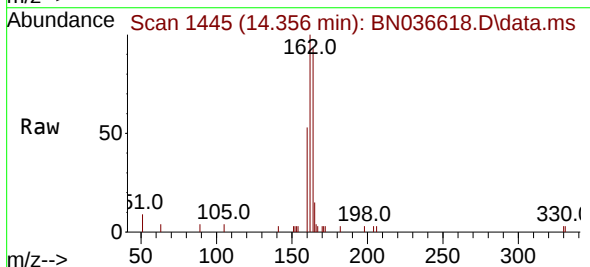
Manual Integrations  
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Reviewed By :Anahy Claudio 03/17/2025  
Supervised By :Jagrut Upadhyay 03/17/2025



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.356 min Scan# 1445  
Delta R.T. -0.010 min  
Lab File: BN036618.D  
Acq: 14 Mar 2025 22:19

Tgt Ion:164 Resp: 2820  
Ion Ratio Lower Upper  
164 100  
162 107.3 84.2 126.2  
160 56.8 42.2 63.2





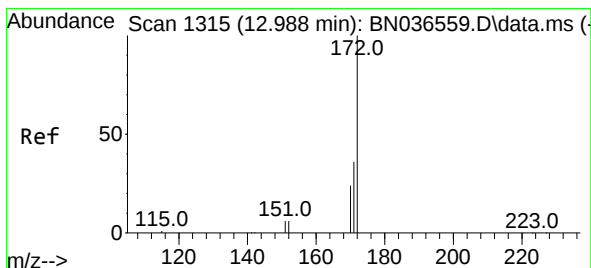
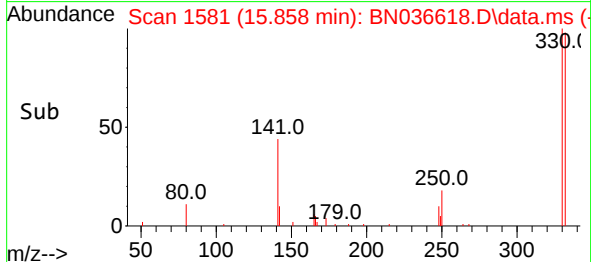
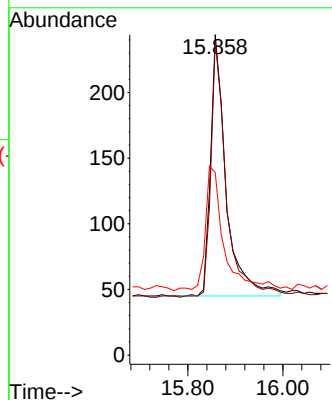
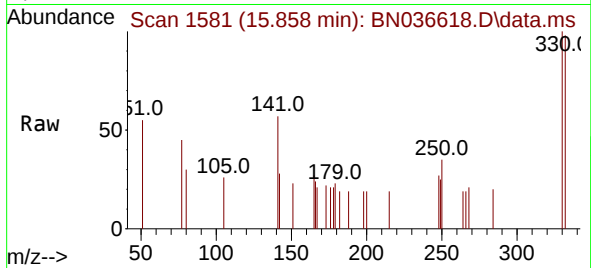
#14  
2,4,6-Tribromophenol  
Concen: 0.356 ng  
RT: 15.858 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN036618.D  
Acq: 14 Mar 2025 22:19

Instrument :  
BNA\_N  
ClientSampleId :  
DUP05-20250312

Tgt Ion: 330 Resp: 45  
Ion Ratio Lower Upper  
330 100  
332 97.8 75.2 112.8  
141 57.4 43.4 65.2

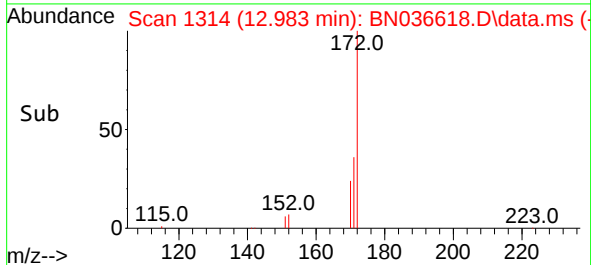
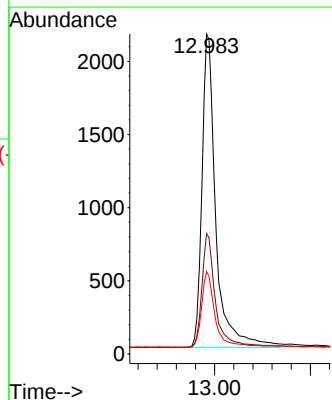
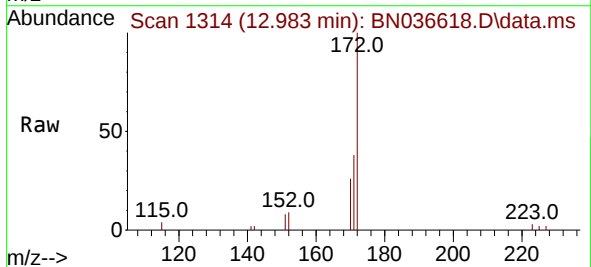
Manual Integrations  
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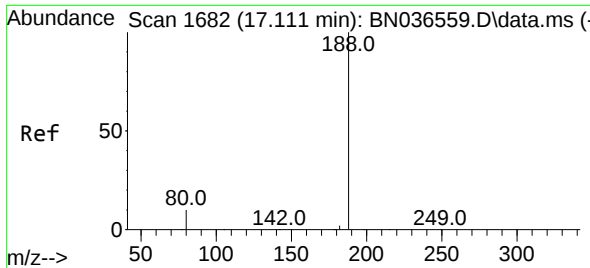
Reviewed By :Anahy Claudio 03/17/2025  
Supervised By :Jagrut Upadhyay 03/17/2025



#15  
2-Fluorobiphenyl  
Concen: 0.352 ng  
RT: 12.983 min Scan# 1314  
Delta R.T. -0.005 min  
Lab File: BN036618.D  
Acq: 14 Mar 2025 22:19

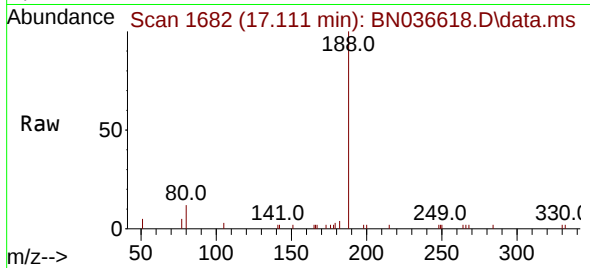
Tgt Ion: 172 Resp: 5779  
Ion Ratio Lower Upper  
172 100  
171 37.6 29.5 44.3  
170 25.7 20.2 30.4





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.111 min Scan# 110  
Delta R.T. 0.000 min  
Lab File: BN036618.D  
Acq: 14 Mar 2025 22:19

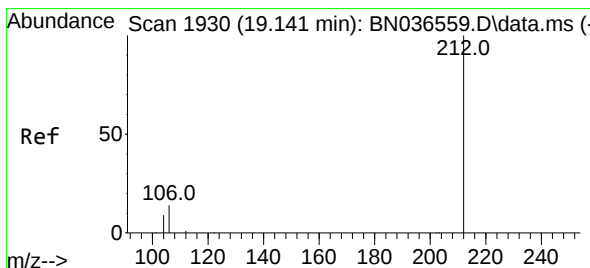
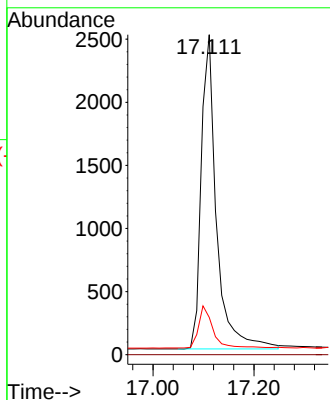
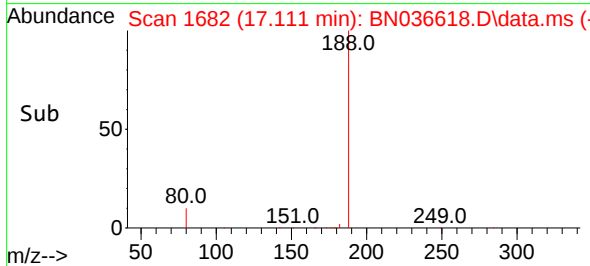
Instrument :  
BNA\_N  
ClientSampleId :  
DUP05-20250312



Tgt Ion:188 Resp: 5224  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.6 8.8 13.2

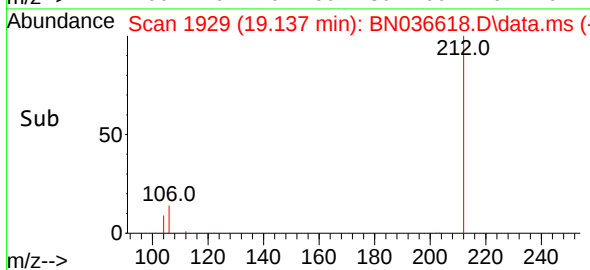
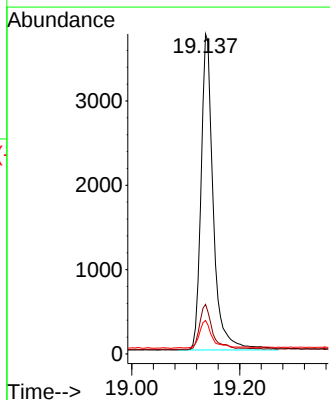
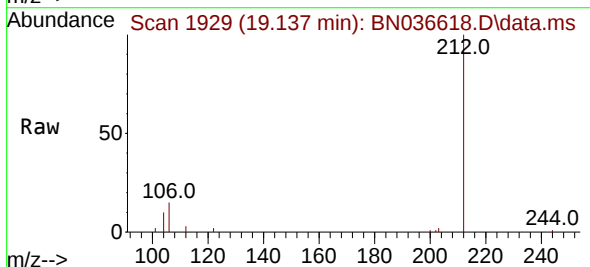
Manual Integrations  
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#27  
Fluoranthene-d10  
Concen: 0.442 ng  
RT: 19.137 min Scan# 1929  
Delta R.T. -0.004 min  
Lab File: BN036618.D  
Acq: 14 Mar 2025 22:19

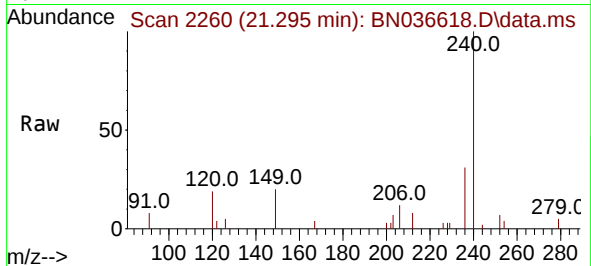
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Ion Ratio Lower Upper  
212 100  
106 14.8 11.8 17.6  
104 8.7 7.3 10.9





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.295 min Scan# 2129  
Delta R.T. 0.000 min  
Lab File: BN036618.D  
Acq: 14 Mar 2025 22:19

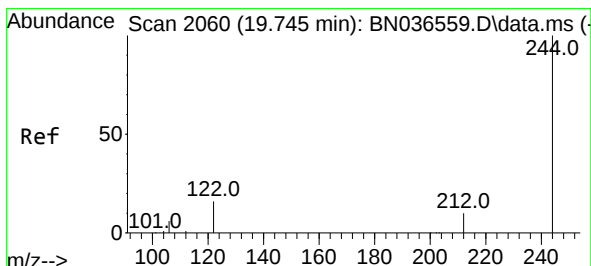
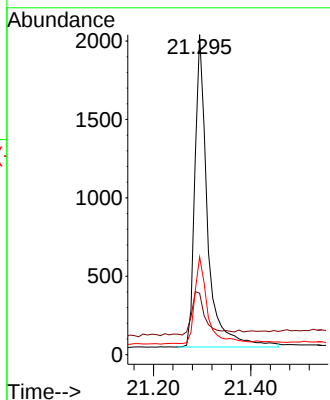
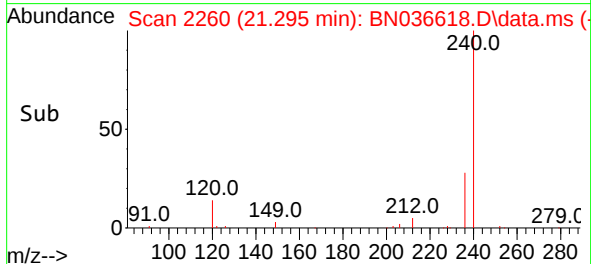
Instrument :  
BNA\_N  
ClientSampleId :  
DUP05-20250312



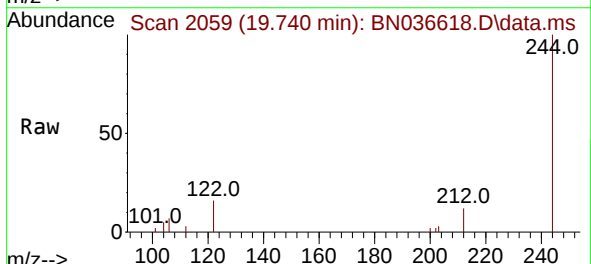
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236 30.6 24.1 36.1

Manual Integrations  
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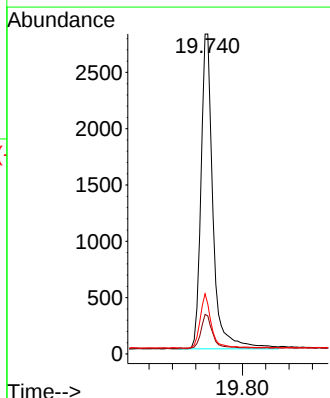
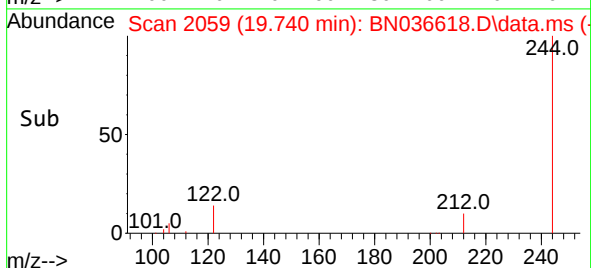
Reviewed By :Anahy Claudio 03/17/2025  
Supervised By :Jagrut Upadhyay 03/17/2025

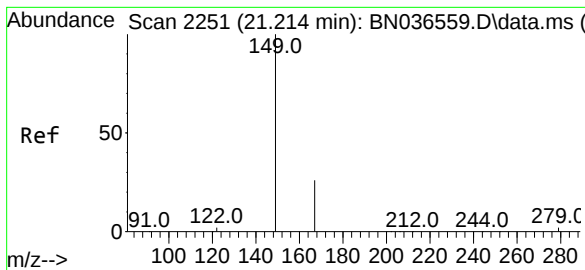


#31  
Terphenyl-d14  
Concen: 0.468 ng  
RT: 19.740 min Scan# 2059  
Delta R.T. -0.004 min  
Lab File: BN036618.D  
Acq: 14 Mar 2025 22:19



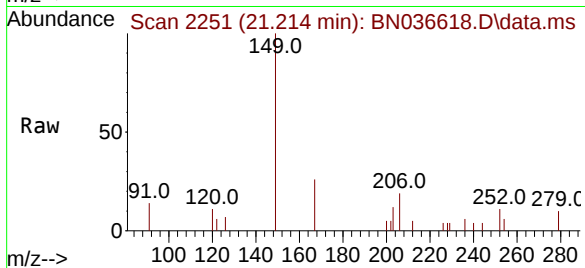
Tgt Ion:244 Resp: 4017  
Ion Ratio Lower Upper  
244 100  
212 11.9 9.6 14.4  
122 15.6 13.9 20.9





#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.121 ng m  
 RT: 21.214 min Scan# 2125  
 Delta R.T. 0.000 min  
 Lab File: BN036618.D  
 Acq: 14 Mar 2025 22:19

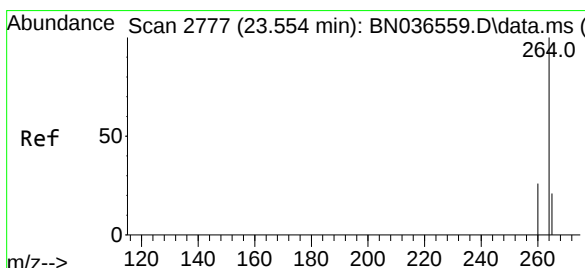
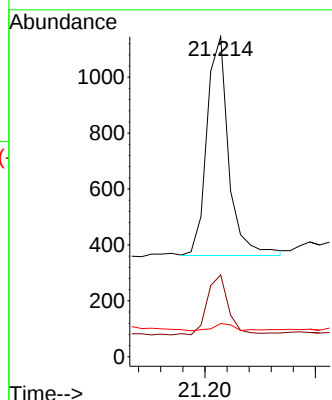
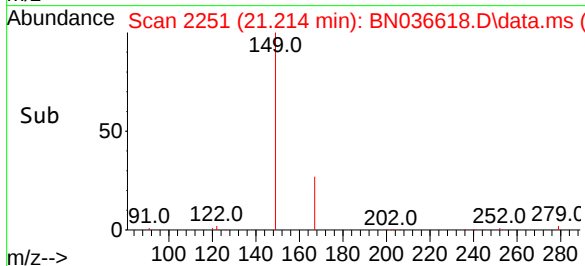
Instrument :  
 BNA\_N  
 ClientSampleId :  
 DUP05-20250312



Tgt Ion:149 Resp: 1070  
 Ion Ratio Lower Upper  
 149 100  
 167 26.7 20.7 31.1  
 279 3.3 3.6 5.4

Manual Integrations  
 APPROVED

Reviewed By :Anahy Claudio 03/17/2025  
 Supervised By :Jagrut Upadhyay 03/17/2025



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.549 min Scan# 2775  
 Delta R.T. -0.006 min  
 Lab File: BN036618.D  
 Acq: 14 Mar 2025 22:19

Tgt Ion:264 Resp: 2911  
 Ion Ratio Lower Upper  
 264 100  
 260 28.8 22.6 33.8  
 265 115.3 88.1 132.1

