

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032725\  
 Data File : BN036771.D  
 Acq On : 28 Mar 2025 13:58  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Manual Integrations  
 APPROVED

Reviewed By :Anahy Claudio 03/31/2025  
 Supervised By :Jagrut Upadhyay 04/01/2025

Quant Time: Mar 28 14:23:03 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     | 7.695  | 152  | 1636     | 0.400 | ng    | -0.03    |
| 7) Naphthalene-d8             | 10.487 | 136  | 4177     | 0.400 | ng    | #-0.02   |
| 13) Acenaphthene-d10          | 14.334 | 164  | 2615     | 0.400 | ng    | -0.03    |
| 19) Phenanthrene-d10          | 17.086 | 188  | 5571     | 0.400 | ng    | -0.02    |
| 29) Chrysene-d12              | 21.277 | 240  | 4555     | 0.400 | ng    | #-0.02   |
| 35) Perylene-d12              | 23.516 | 264  | 4167     | 0.400 | ng    | #-0.04   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.290  | 112  | 1384     | 0.363 | ng    | -0.02    |
| 5) Phenol-d6                  | 6.872  | 99   | 1653     | 0.351 | ng    | -0.03    |
| 8) Nitrobenzene-d5            | 8.854  | 82   | 1480     | 0.326 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.080 | 152  | 2256     | 0.363 | ng    | -0.03    |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 464      | 0.391 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl          | 12.963 | 172  | 5285     | 0.347 | ng    | -0.03    |
| 27) Fluoranthene-d10          | 19.118 | 212  | 5637     | 0.395 | ng    | -0.02    |
| 31) Terphenyl-d14             | 19.722 | 244  | 3716     | 0.341 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.225  | 88   | 752      | 0.414 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.535  | 42   | 1423     | 0.388 | ng    | 97       |
| 6) bis(2-Chloroethyl)ether    | 7.125  | 93   | 1671     | 0.343 | ng    | 98       |
| 9) Naphthalene                | 10.530 | 128  | 4359     | 0.355 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.818 | 225  | 1044     | 0.361 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.156 | 142  | 2874     | 0.368 | ng    | 98       |
| 16) Acenaphthylene            | 14.056 | 152  | 4358     | 0.353 | ng    | 99       |
| 17) Acenaphthene              | 14.398 | 154  | 2946     | 0.365 | ng    | 100      |
| 18) Fluorene                  | 15.393 | 166  | 4111     | 0.376 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.478 | 198  | 428      | 0.446 | ng    | 87       |
| 21) 4-Bromophenyl-phenylether | 16.280 | 248  | 1300     | 0.372 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.391 | 284  | 1537     | 0.365 | ng    | 96       |
| 23) Atrazine                  | 16.553 | 200  | 1063     | 0.380 | ng    | 97       |
| 24) Pentachlorophenol         | 16.739 | 266  | 702      | 0.365 | ng    | 95       |
| 25) Phenanthrene              | 17.124 | 178  | 6367     | 0.381 | ng    | 99       |
| 26) Anthracene                | 17.223 | 178  | 5569     | 0.369 | ng    | 100      |
| 28) Fluoranthene              | 19.150 | 202  | 7617     | 0.406 | ng    | 99       |
| 30) Pyrene                    | 19.513 | 202  | 7795     | 0.350 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.259 | 228  | 5566     | 0.351 | ng    | 99       |
| 33) Chrysene                  | 21.313 | 228  | 6726     | 0.389 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.196 | 149  | 3968     | 0.352 | ng    | # 99     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.782 | 276  | 5233     | 0.348 | ng    | 96       |
| 37) Benzo(b)fluoranthene      | 22.844 | 252  | 5720     | 0.377 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 22.888 | 252  | 5791m    | 0.364 | ng    |          |
| 39) Benzo(a)pyrene            | 23.420 | 252  | 4867     | 0.381 | ng    | 96       |
| 40) Dibenzo(a,h)anthracene    | 25.800 | 278  | 3914     | 0.334 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 26.475 | 276  | 4758     | 0.355 | ng    | 95       |
| -----                         |        |      |          |       |       |          |

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

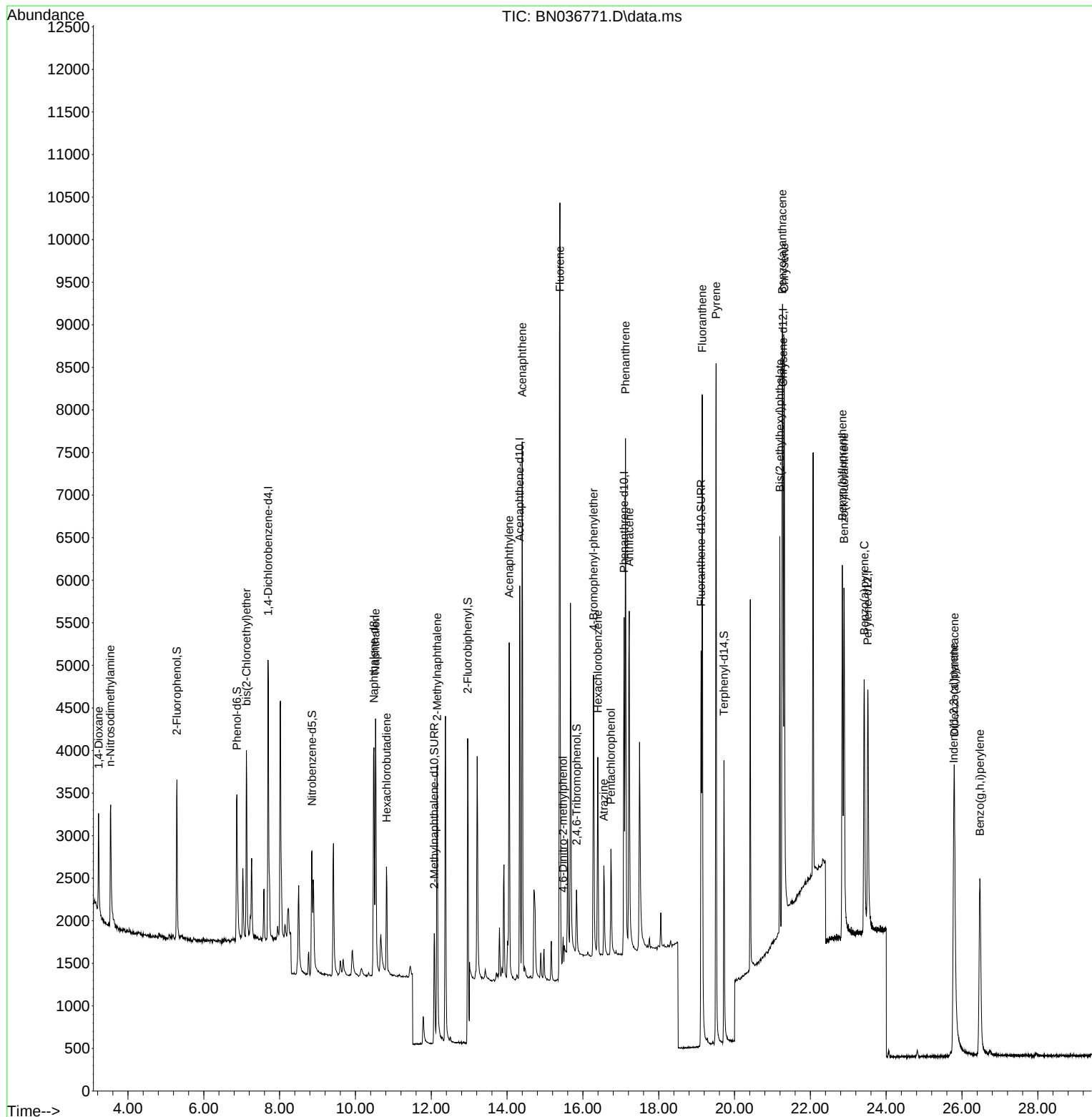
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032725\  
 Data File : BN036771.D  
 Acq On : 28 Mar 2025 13:58  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Mar 28 14:23:03 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 APPROVED

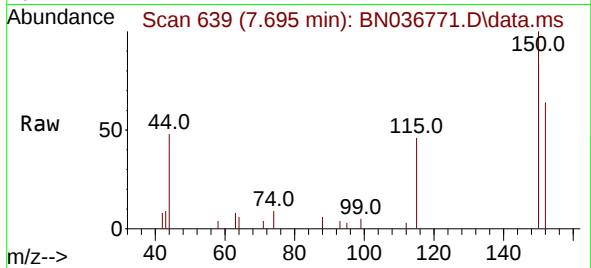
Reviewed By :Anahy Claudio 03/31/2025  
 Supervised By :Jagrut Upadhyay 04/01/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.695 min Scan# 61  
Delta R.T. -0.029 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

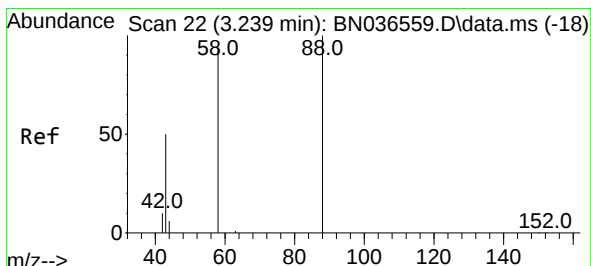
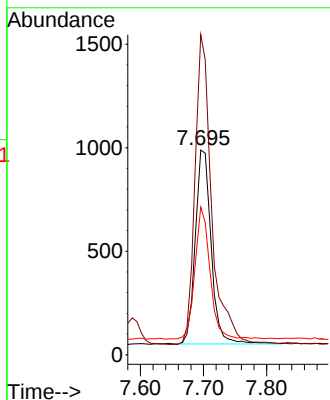
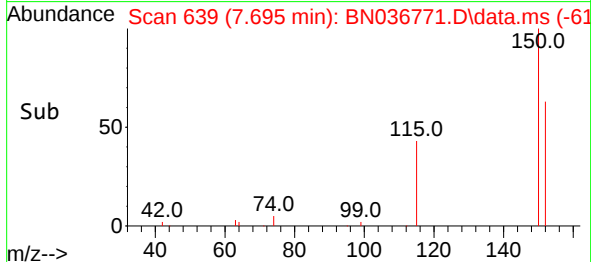
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:152 Resp: 1630  
Ion Ratio Lower Upper  
152 100  
150 156.3 123.7 185.5  
115 72.2 54.3 81.5

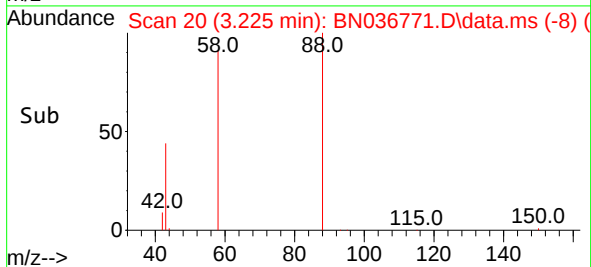
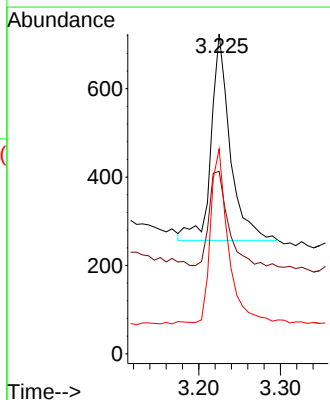
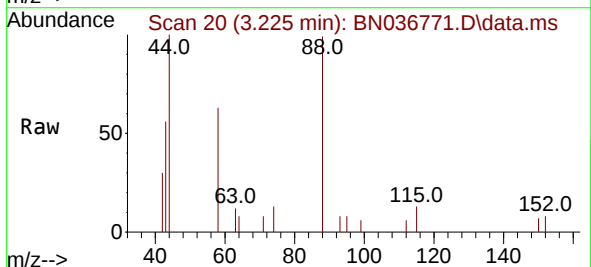
Manual Integrations  
APPROVED

Reviewed By :Anahy Claudio 03/31/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#2  
1,4-Dioxane  
Concen: 0.414 ng  
RT: 3.225 min Scan# 20  
Delta R.T. -0.014 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

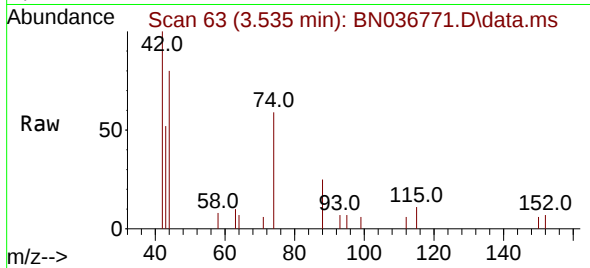
Tgt Ion: 88 Resp: 752  
Ion Ratio Lower Upper  
88 100  
43 47.5 37.8 56.8  
58 80.9 67.4 101.2





#3  
n-Nitrosodimethylamine  
Concen: 0.388 ng  
RT: 3.535 min Scan# 61  
Delta R.T. -0.014 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

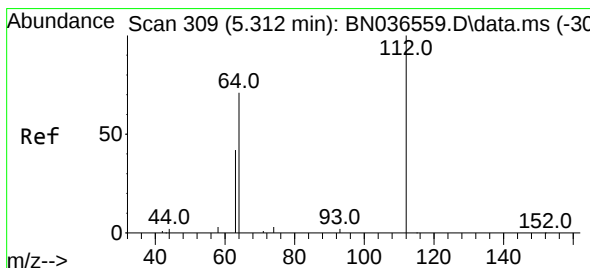
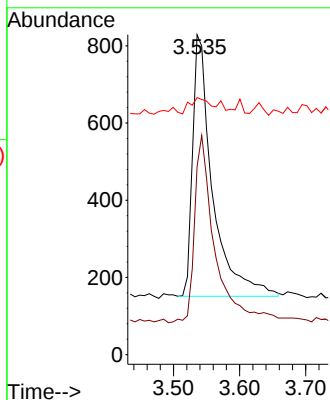
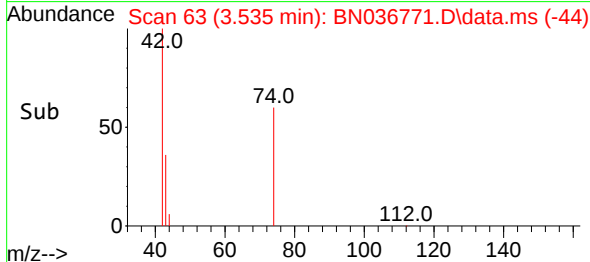
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion: 42 Resp: 142  
Ion Ratio Lower Upper  
42 100  
74 72.9 60.6 90.8  
44 6.7 6.3 9.5

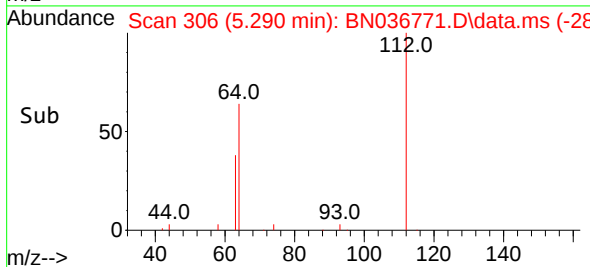
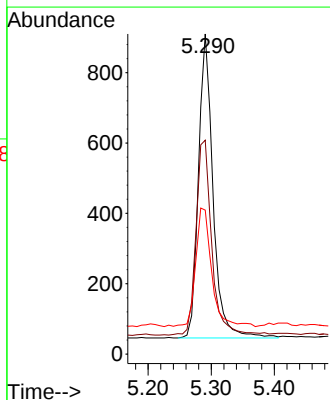
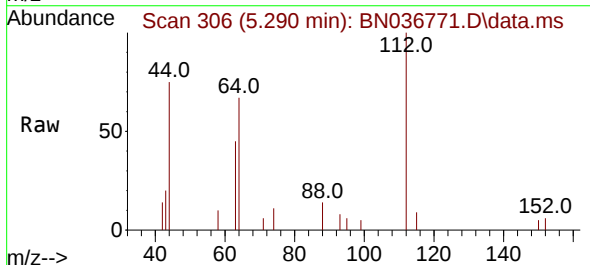
Manual Integrations  
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Supervised By :Jagrut Upadhyay 04/01/2025



#4  
2-Fluorophenol  
Concen: 0.363 ng  
RT: 5.290 min Scan# 306  
Delta R.T. -0.022 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

Tgt Ion:112 Resp: 1384  
Ion Ratio Lower Upper  
112 100  
64 69.4 53.1 79.7  
63 42.8 31.8 47.8





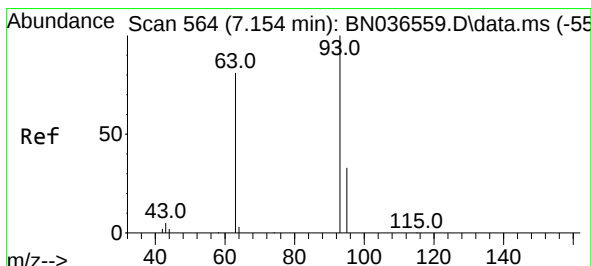
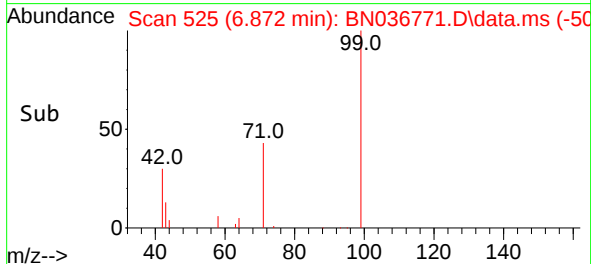
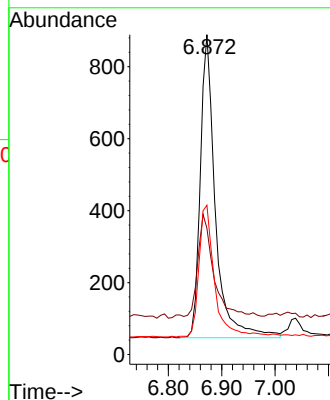
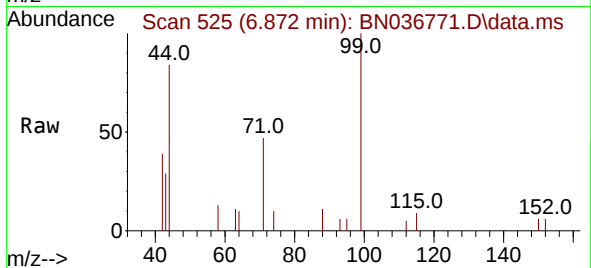
#5  
Phenol-d6  
Concen: 0.351 ng  
RT: 6.872 min Scan# 51  
Delta R.T. -0.029 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 165  
Ion Ratio Lower Upper  
99 100  
42 37.9 26.5 39.7  
71 45.1 34.1 51.1

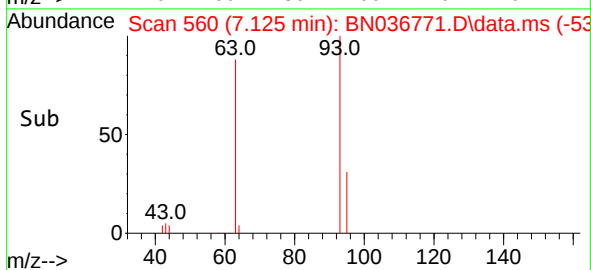
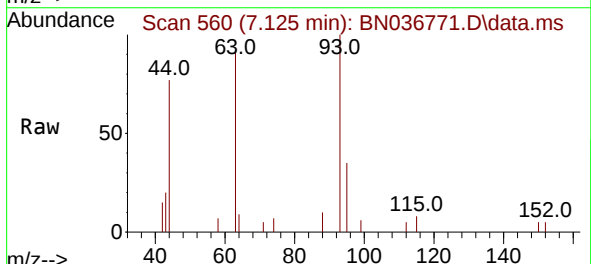
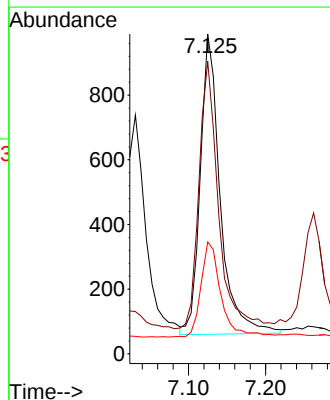
Manual Integrations  
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Reviewed By :Anahy Claudio 03/31/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#6  
bis(2-Chloroethyl)ether  
Concen: 0.343 ng  
RT: 7.125 min Scan# 560  
Delta R.T. -0.029 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

Tgt Ion: 93 Resp: 1671  
Ion Ratio Lower Upper  
93 100  
63 87.3 67.7 101.5  
95 31.8 25.6 38.4





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.487 min Scan# 91  
Delta R.T. -0.021 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

Instrument :

BNA\_N

ClientSampleId :

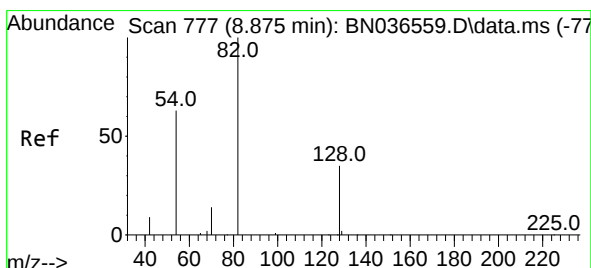
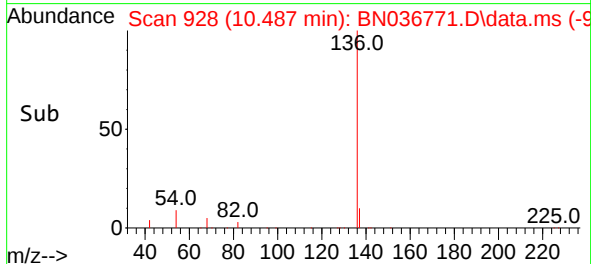
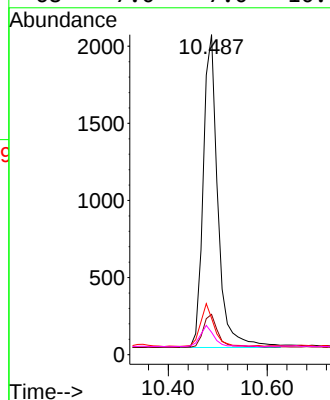
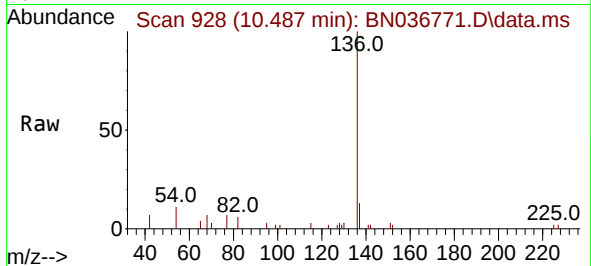
SSTDCCC0.4EC

Tgt Ion:136 Resp: 417  
Ion Ratio Lower Upper  
136 100  
137 12.6 10.3 15.5  
54 11.4 11.5 17.3  
68 7.0 7.0 10.4

Manual Integrations

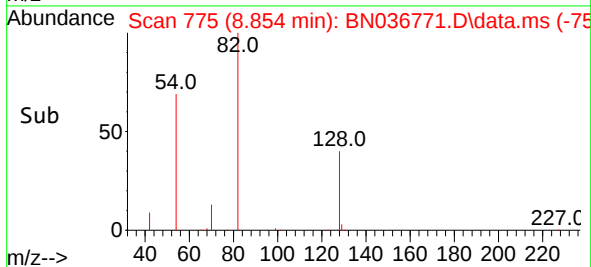
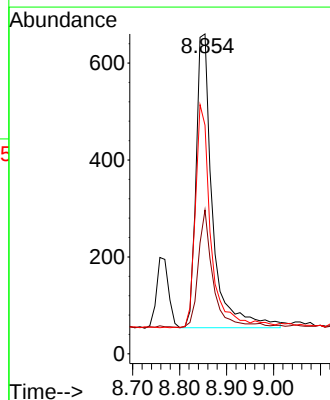
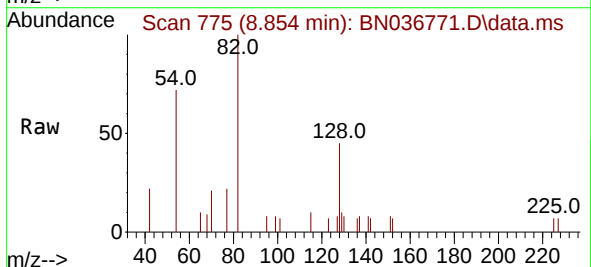
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Reviewed By :Anahy Claudio 03/31/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#8  
Nitrobenzene-d5  
Concen: 0.326 ng  
RT: 8.854 min Scan# 775  
Delta R.T. -0.021 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

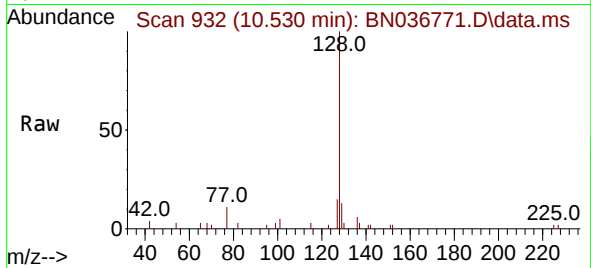
Tgt Ion: 82 Resp: 1480  
Ion Ratio Lower Upper  
82 100  
128 45.0 30.6 45.8  
54 71.5 52.2 78.4





#9  
Naphthalene  
Concen: 0.355 ng  
RT: 10.530 min Scan# 911  
Delta R.T. -0.032 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

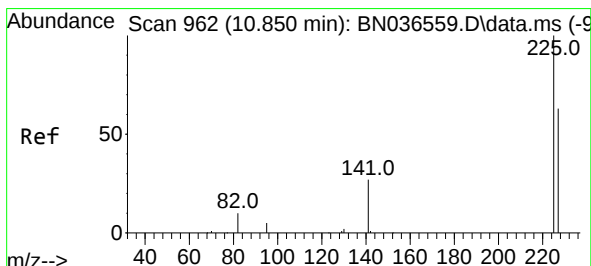
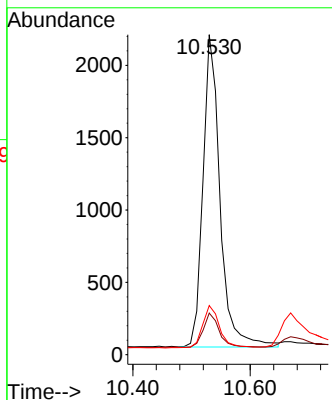
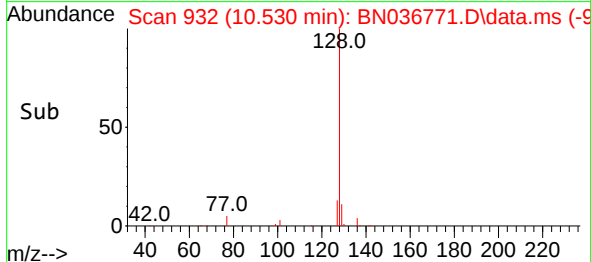
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:128 Resp: 4359  
Ion Ratio Lower Upper  
128 100  
129 13.0 9.8 14.6  
127 15.4 11.8 17.8

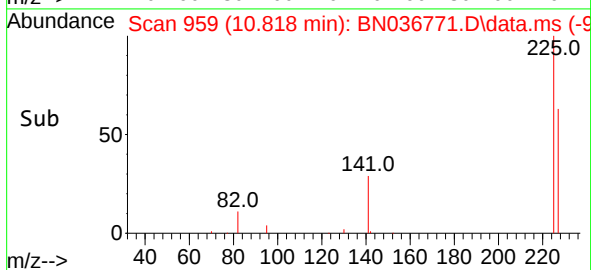
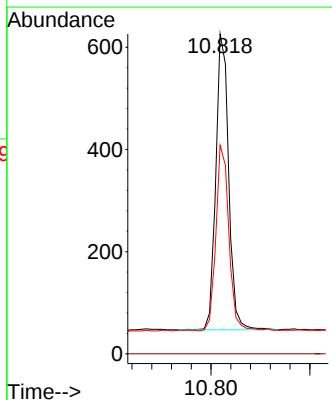
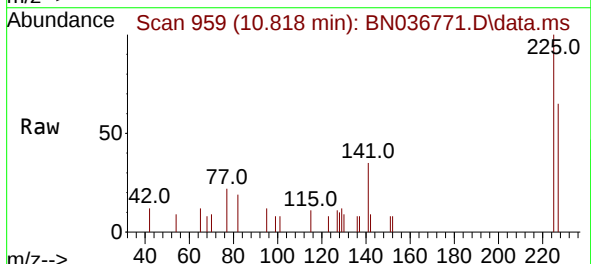
Manual Integrations  
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Supervised By :Jagrut Upadhyay 04/01/2025



#10  
Hexachlorobutadiene  
Concen: 0.361 ng  
RT: 10.818 min Scan# 959  
Delta R.T. -0.032 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

Tgt Ion:225 Resp: 1044  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.8 51.8 77.8





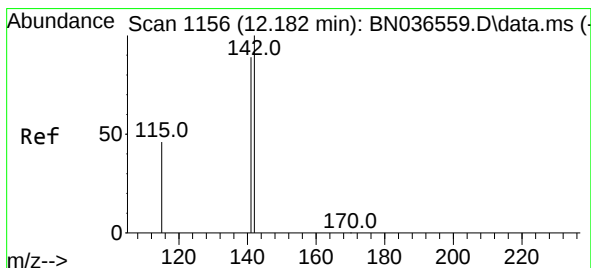
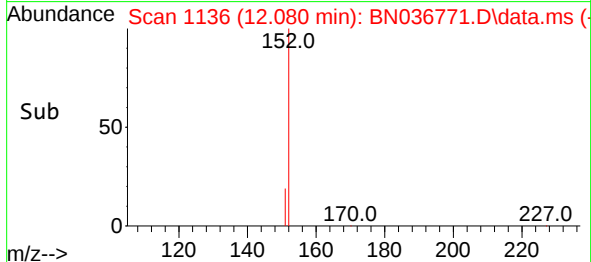
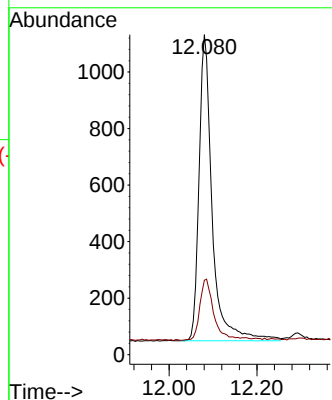
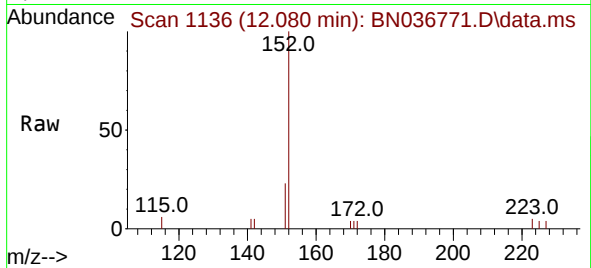
#11  
2-Methylnaphthalene-d10  
Concen: 0.363 ng  
RT: 12.080 min Scan# 1142  
Delta R.T. -0.030 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2250  
Ion Ratio Lower Upper  
152 100  
151 21.0 17.0 25.6

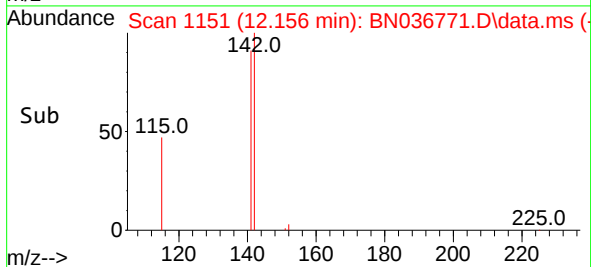
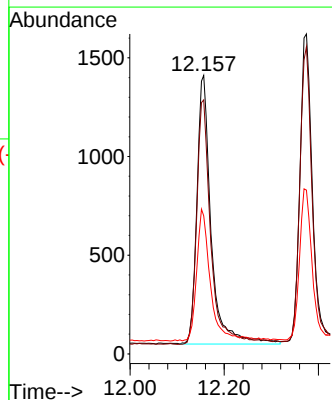
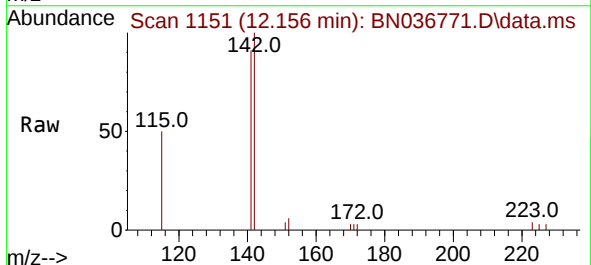
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#12  
2-Methylnaphthalene  
Concen: 0.368 ng  
RT: 12.156 min Scan# 1151  
Delta R.T. -0.025 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

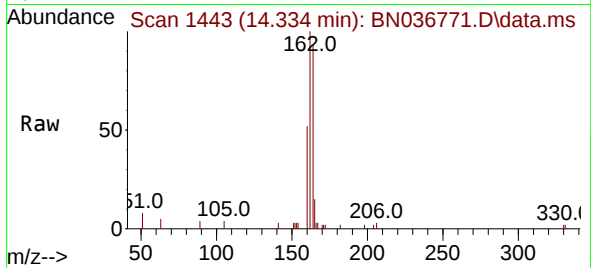
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Ion Ratio Lower Upper  
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141 91.2 71.7 107.5  
115 49.5 38.3 57.5





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.334 min Scan# 1443  
Delta R.T. -0.032 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

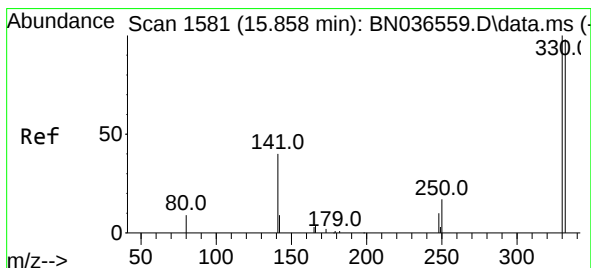
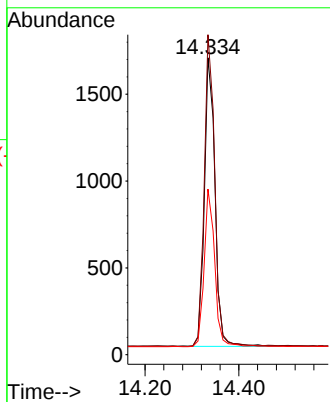
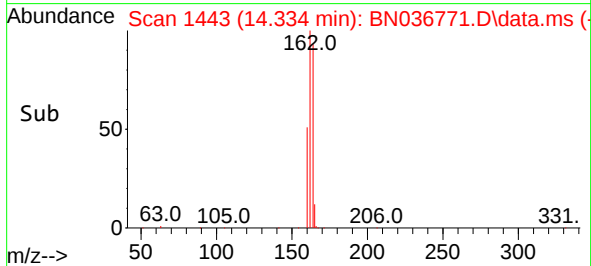
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



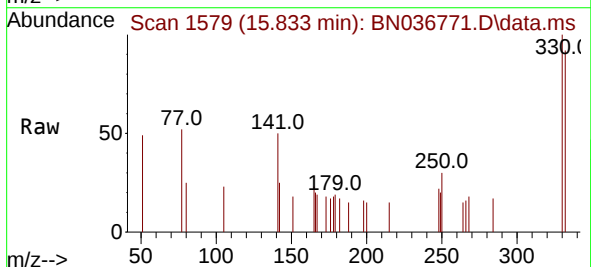
Tgt Ion:164 Resp: 261  
Ion Ratio Lower Upper  
164 100  
162 107.8 84.2 126.2  
160 55.8 42.2 63.2

Manual Integrations  
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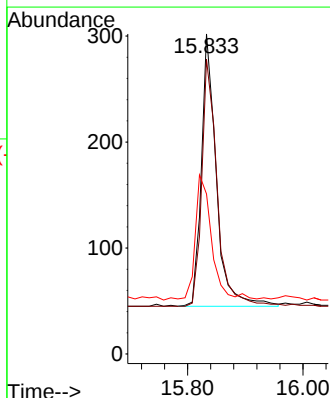
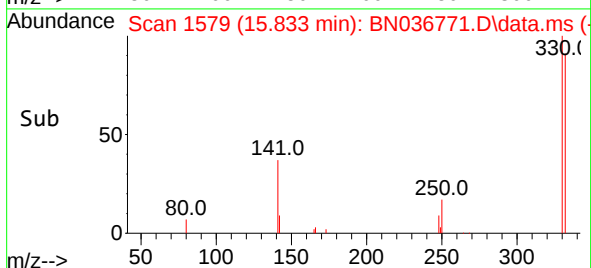
Reviewed By :Anahy Claudio 03/31/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#14  
2,4,6-Tribromophenol  
Concen: 0.391 ng  
RT: 15.833 min Scan# 1579  
Delta R.T. -0.025 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58



Tgt Ion:330 Resp: 464  
Ion Ratio Lower Upper  
330 100  
332 93.3 75.2 112.8  
141 49.1 43.4 65.2





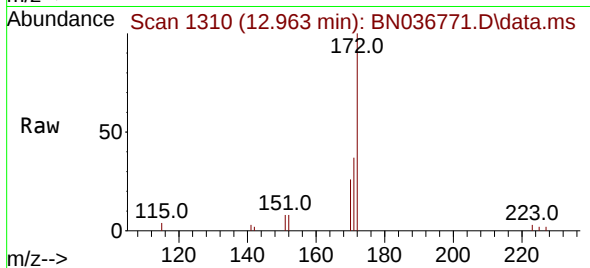
#15  
2-Fluorobiphenyl  
Concen: 0.347 ng  
RT: 12.963 min Scan# 11  
Delta R.T. -0.025 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



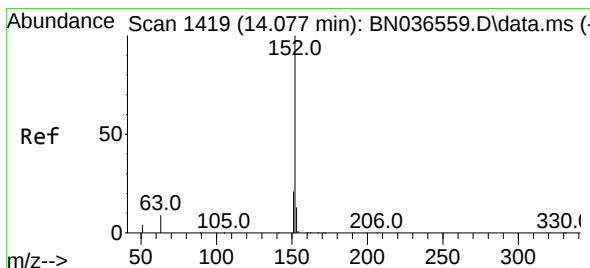
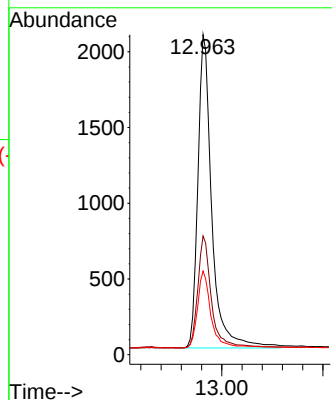
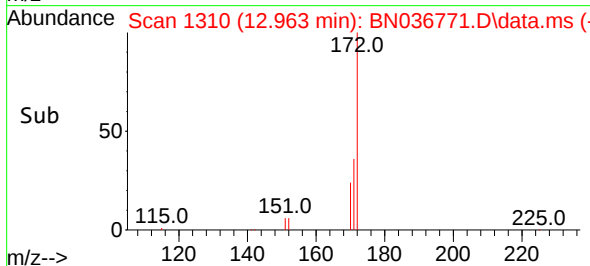
Tgt Ion:172 Resp: 528  
Ion Ratio Lower Upper  
172 100  
171 37.1 29.5 44.3  
170 26.1 20.2 30.4

Manual Integrations

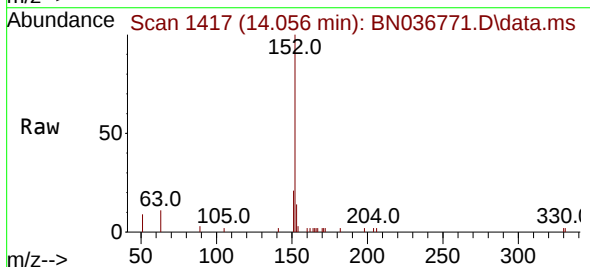
APPROVED

Reviewed By :Anahy Claudio 03/31/2025

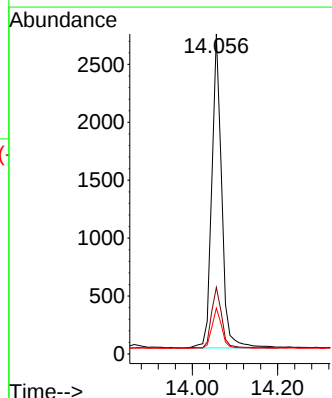
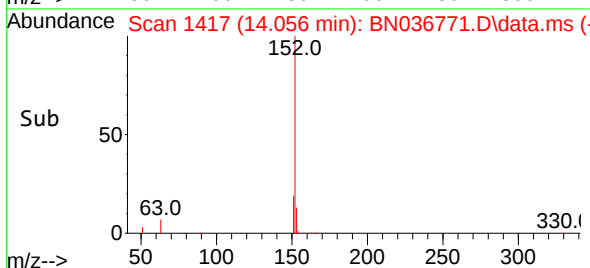
Supervised By :Jagrut Upadhyay 04/01/2025

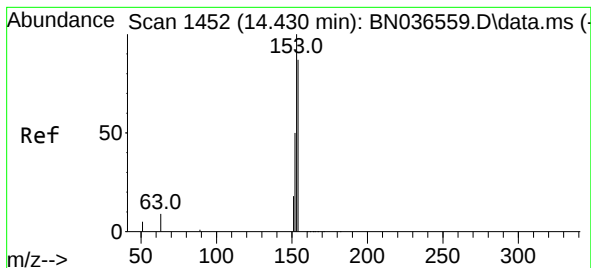


#16  
Acenaphthylene  
Concen: 0.353 ng  
RT: 14.056 min Scan# 1417  
Delta R.T. -0.021 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58



Tgt Ion:152 Resp: 4358  
Ion Ratio Lower Upper  
152 100  
151 19.5 16.2 24.4  
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.365 ng

RT: 14.398 min Scan# 14

Delta R.T. -0.032 min

Lab File: BN036771.D

Acq: 28 Mar 2025 13:58

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

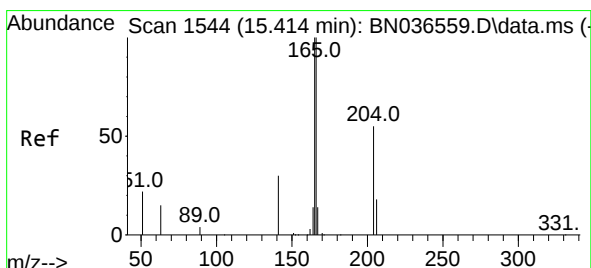
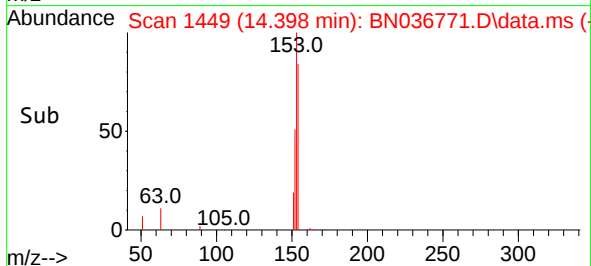
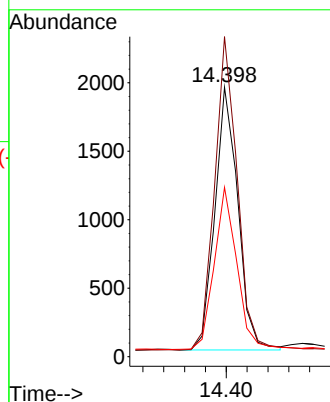
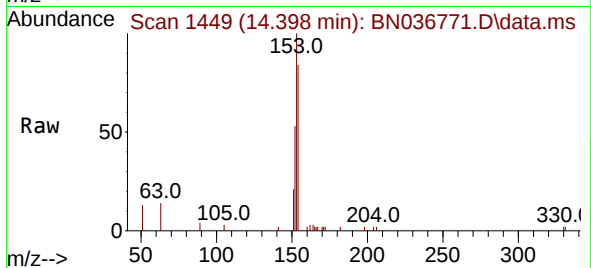
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 2940  |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 117.7 | 94.1  | 141.1 |
| 152       | 61.6  | 49.8  | 74.6  |

Manual Integrations

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Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 04/01/2025



#18

Fluorene

Concen: 0.376 ng

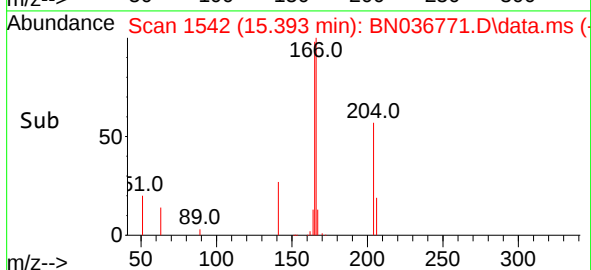
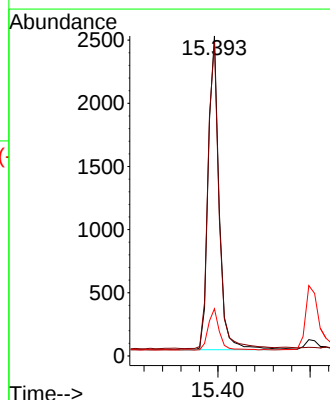
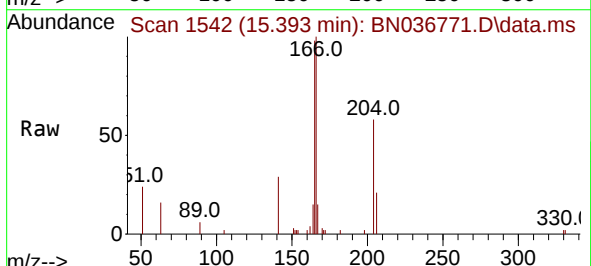
RT: 15.393 min Scan# 1542

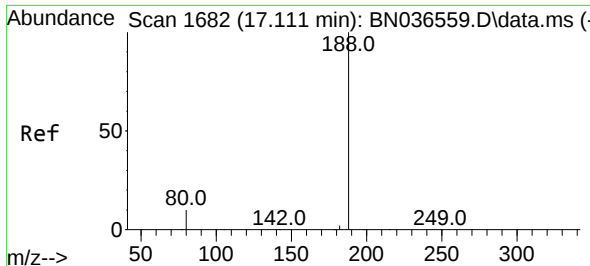
Delta R.T. -0.021 min

Lab File: BN036771.D

Acq: 28 Mar 2025 13:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 4111  |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 97.9  | 79.8  | 119.8 |
| 167       | 13.4  | 10.6  | 15.8  |





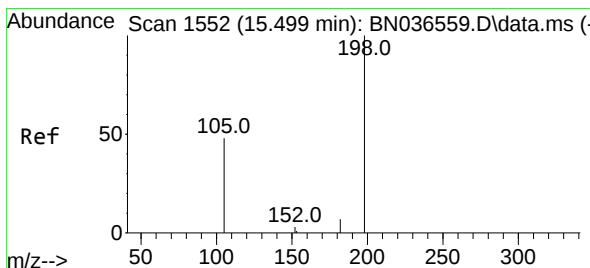
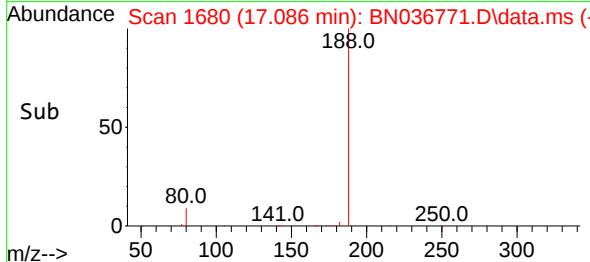
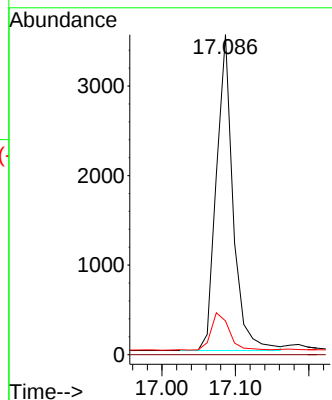
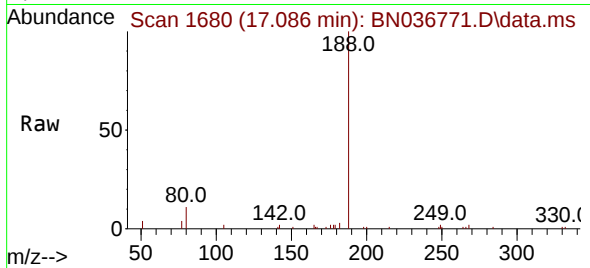
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.086 min Scan# 11  
Delta R.T. -0.025 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:188 Resp: 557  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.6 8.8 13.2

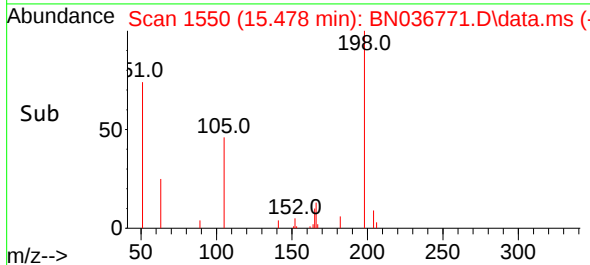
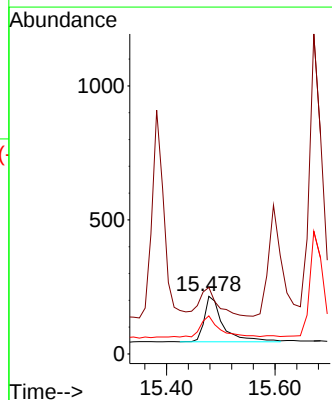
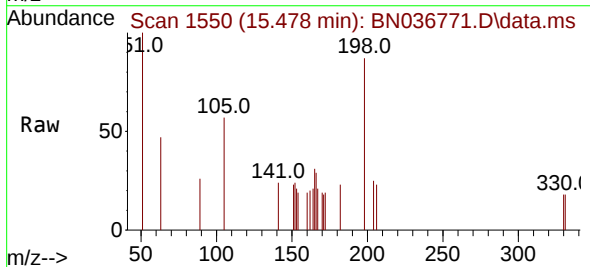
Manual Integrations  
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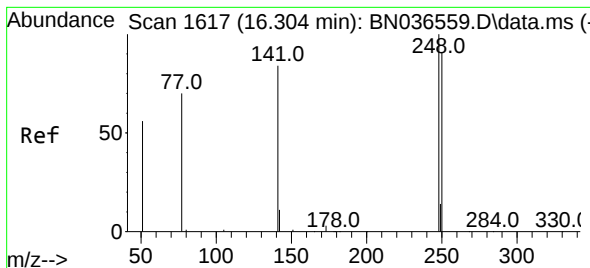
Reviewed By :Anahy Claudio 03/31/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.446 ng  
RT: 15.478 min Scan# 1550  
Delta R.T. -0.021 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

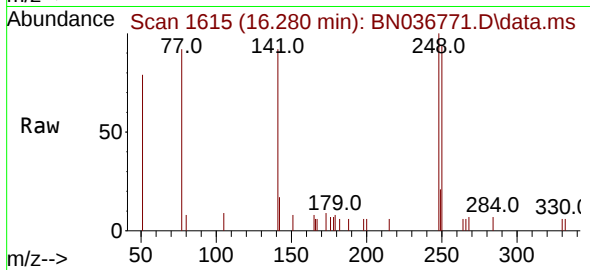
Tgt Ion:198 Resp: 428  
Ion Ratio Lower Upper  
198 100  
51 115.3 107.9 161.9  
105 66.0 56.2 84.2





#21  
4-Bromophenyl-phenylether  
Concen: 0.372 ng  
RT: 16.280 min Scan# 1615  
Delta R.T. -0.025 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

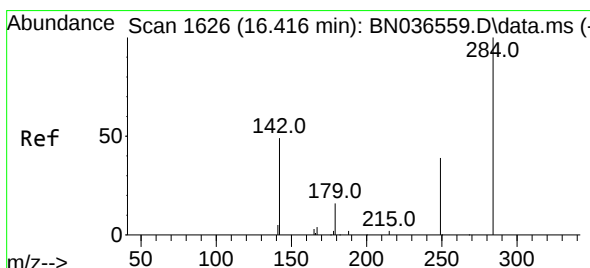
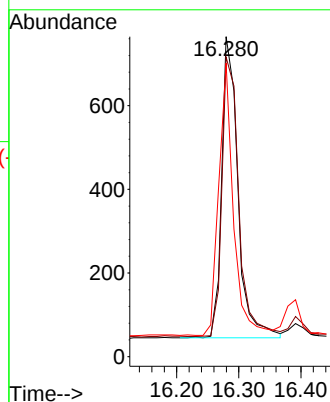
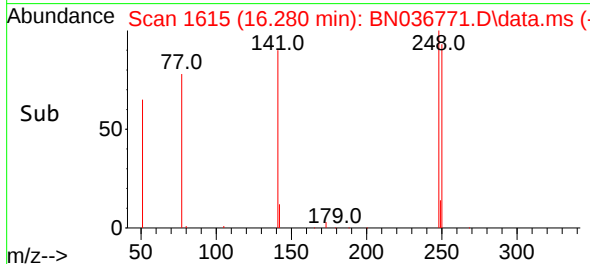
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:248 Resp: 1300  
Ion Ratio Lower Upper  
248 100  
250 93.6 73.0 109.6  
141 91.8 68.6 103.0

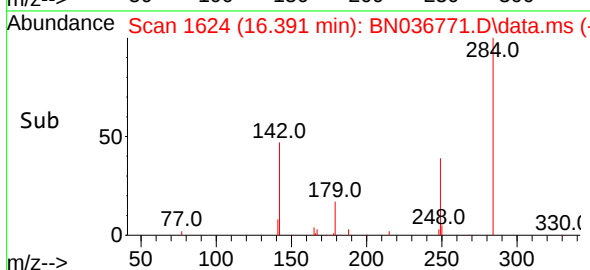
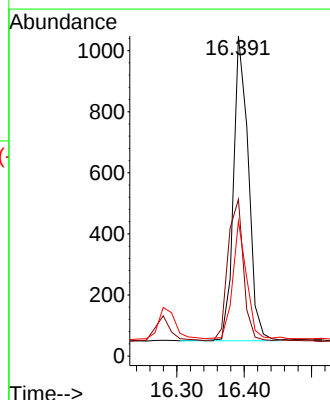
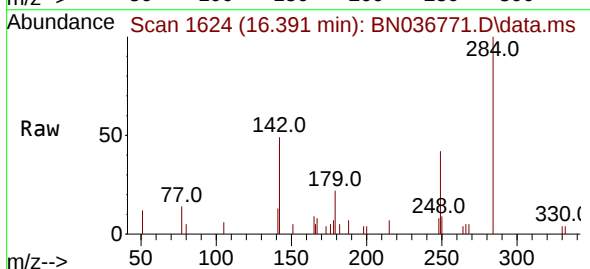
Manual Integrations  
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Supervised By :Jagrut Upadhyay 04/01/2025



#22  
Hexachlorobenzene  
Concen: 0.365 ng  
RT: 16.391 min Scan# 1624  
Delta R.T. -0.025 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

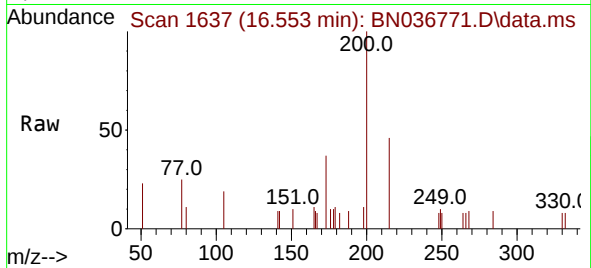
Tgt Ion:284 Resp: 1537  
Ion Ratio Lower Upper  
284 100  
142 49.5 37.0 55.4  
249 36.2 28.1 42.1





#23  
 Atrazine  
 Concen: 0.380 ng  
 RT: 16.553 min Scan# 1637  
 Delta R.T. -0.025 min  
 Lab File: BN036771.D  
 Acq: 28 Mar 2025 13:58

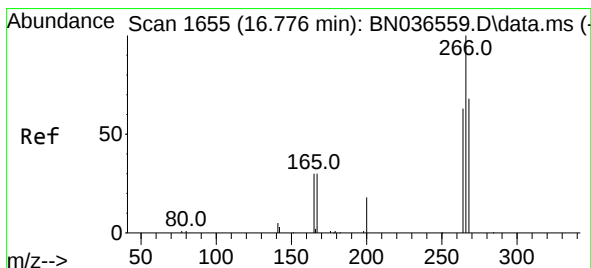
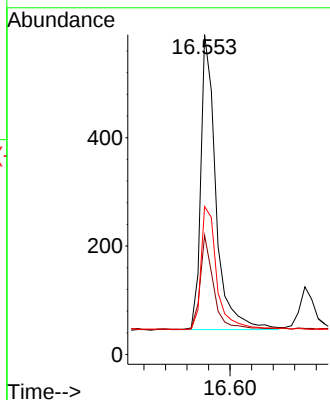
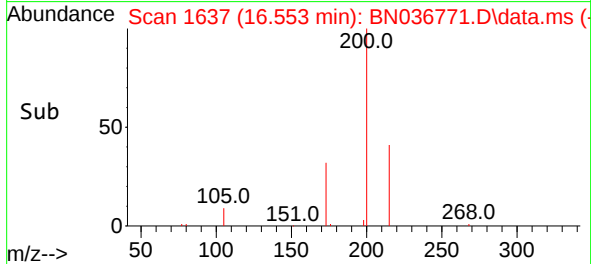
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



Tgt Ion:200 Resp: 106  
 Ion Ratio Lower Upper  
 200 100  
 173 37.3 27.3 40.9  
 215 46.3 36.8 55.2

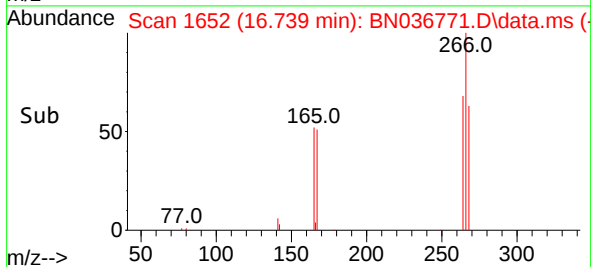
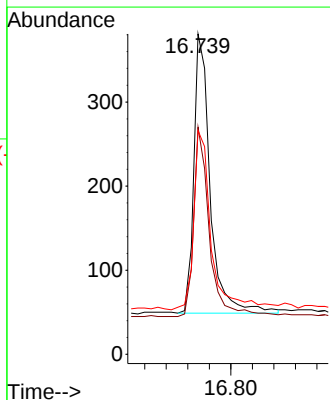
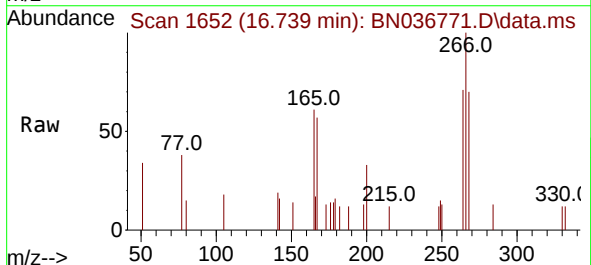
Manual Integrations  
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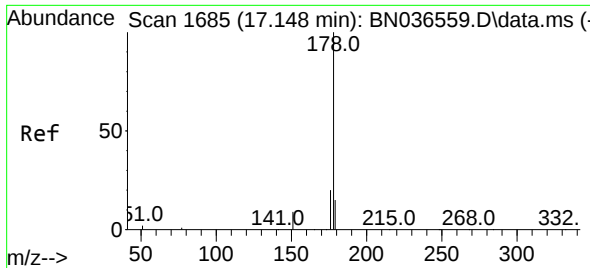
Reviewed By :Anahy Claudio 03/31/2025  
 Supervised By :Jagrut Upadhyay 04/01/2025



#24  
 Pentachlorophenol  
 Concen: 0.365 ng  
 RT: 16.739 min Scan# 1652  
 Delta R.T. -0.037 min  
 Lab File: BN036771.D  
 Acq: 28 Mar 2025 13:58

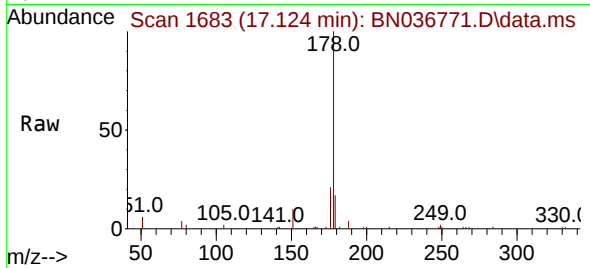
Tgt Ion:266 Resp: 702  
 Ion Ratio Lower Upper  
 266 100  
 264 64.8 49.6 74.4  
 268 69.2 50.9 76.3





#25  
Phenanthrene  
Concen: 0.381 ng  
RT: 17.124 min Scan# 1683  
Delta R.T. -0.025 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

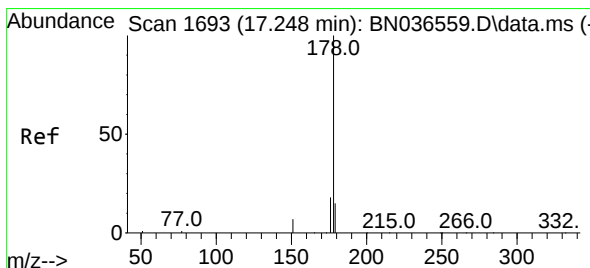
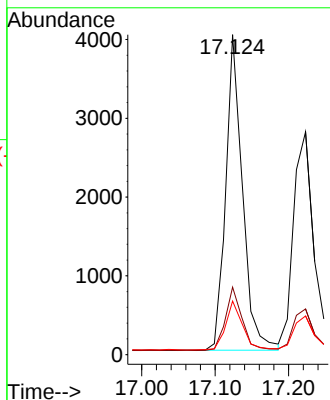
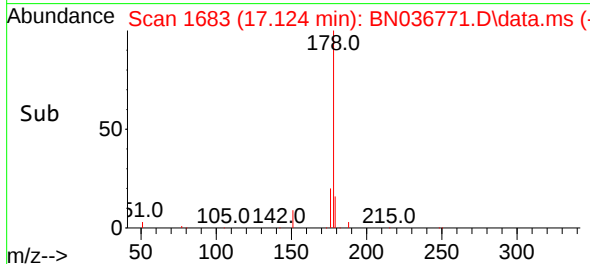
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:178 Resp: 636  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.9 23.9  
179 15.8 12.2 18.4

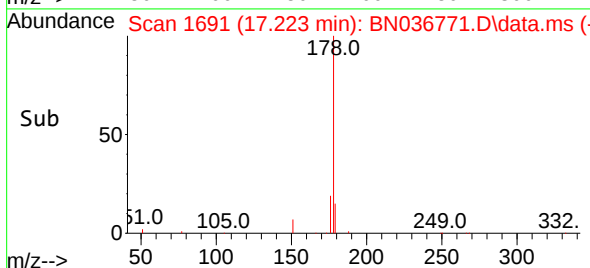
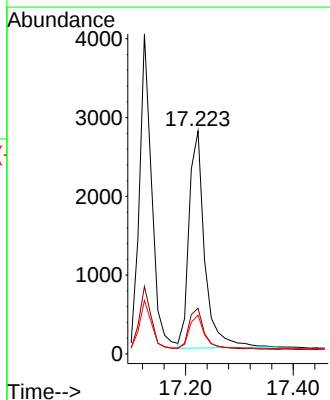
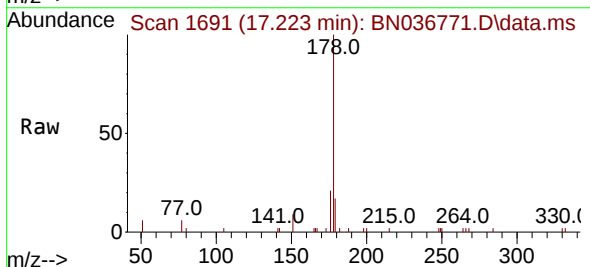
Manual Integrations  
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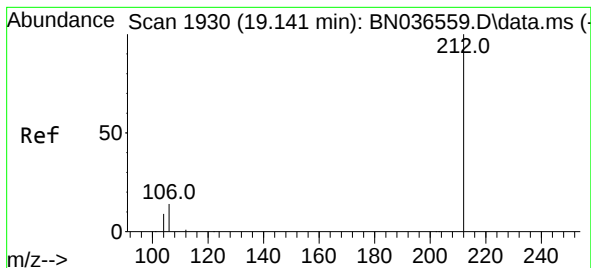
Reviewed By :Anahy Claudio 03/31/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#26  
Anthracene  
Concen: 0.369 ng  
RT: 17.223 min Scan# 1691  
Delta R.T. -0.025 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

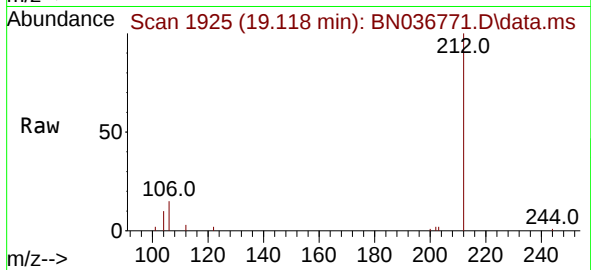
Tgt Ion:178 Resp: 5569  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.2  
179 15.4 12.6 18.8





#27  
Fluoranthene-d10  
Concen: 0.395 ng  
RT: 19.118 min Scan# 1925  
Delta R.T. -0.023 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

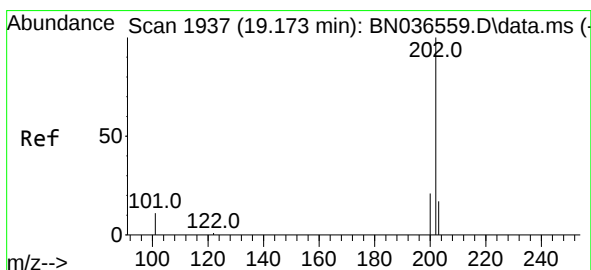
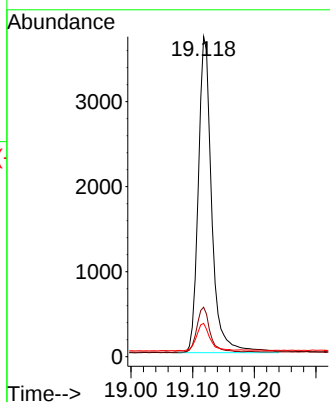
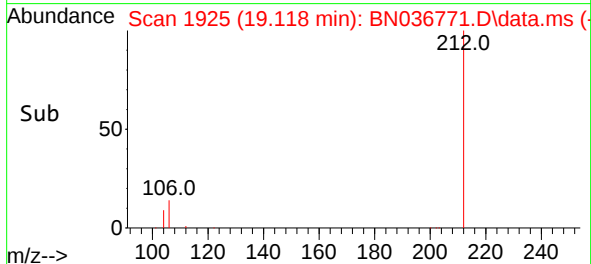
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:212 Resp: 5637  
Ion Ratio Lower Upper  
212 100  
106 13.8 11.8 17.6  
104 8.6 7.3 10.9

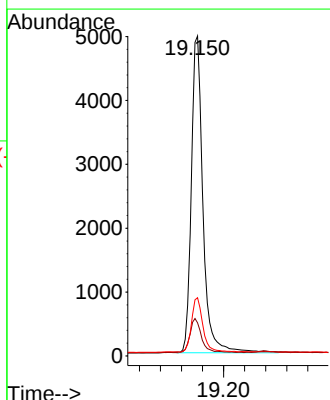
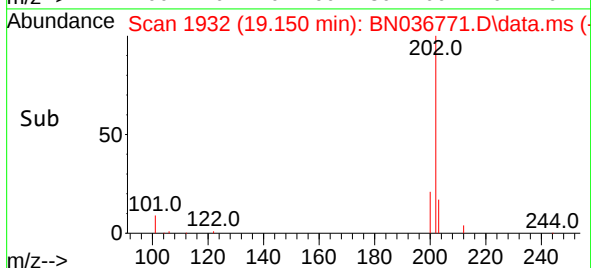
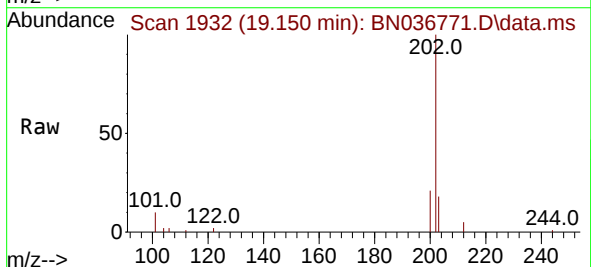
Manual Integrations  
APPROVED

Reviewed By :Anahy Claudio 03/31/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#28  
Fluoranthene  
Concen: 0.406 ng  
RT: 19.150 min Scan# 1932  
Delta R.T. -0.023 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

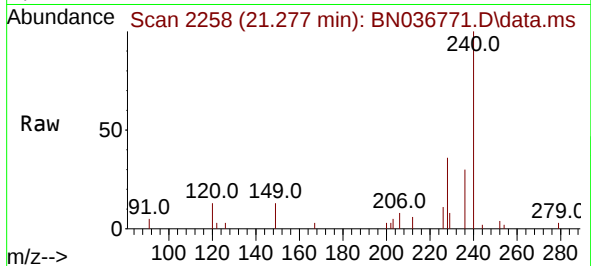
Tgt Ion:202 Resp: 7617  
Ion Ratio Lower Upper  
202 100  
101 11.0 9.4 14.0  
203 16.8 13.5 20.3





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.277 min Scan# 2110  
Delta R.T. -0.018 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

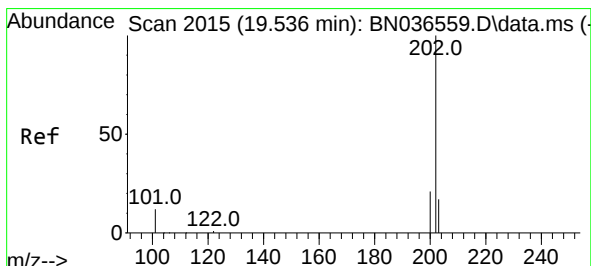
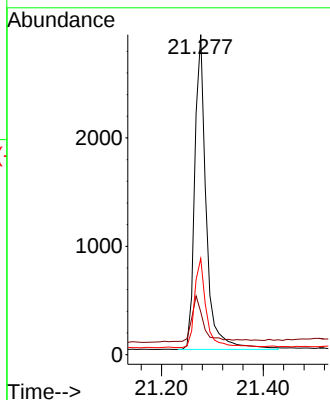
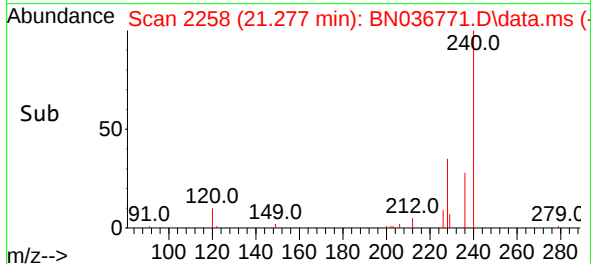
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:240 Resp: 4558  
Ion Ratio Lower Upper  
240 100  
120 13.3 14.6 22.0  
236 30.0 24.1 36.1

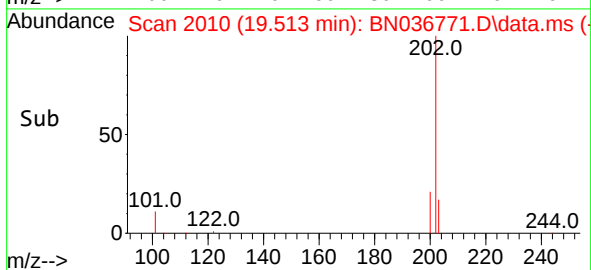
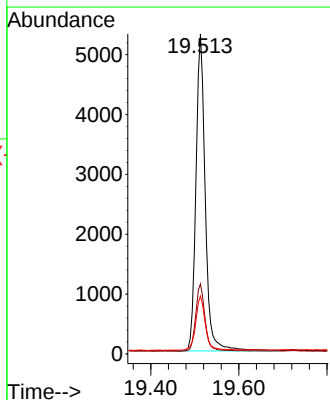
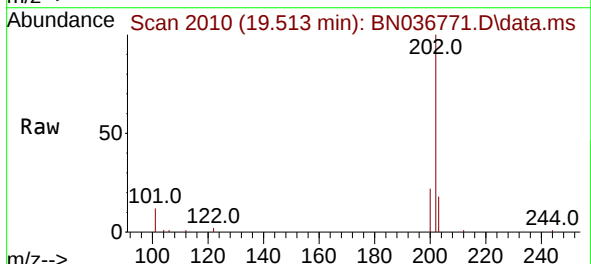
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Reviewed By :Anahy Claudio 03/31/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#30  
Pyrene  
Concen: 0.350 ng  
RT: 19.513 min Scan# 2010  
Delta R.T. -0.023 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

Tgt Ion:202 Resp: 7795  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.1 25.7  
203 17.3 14.1 21.1





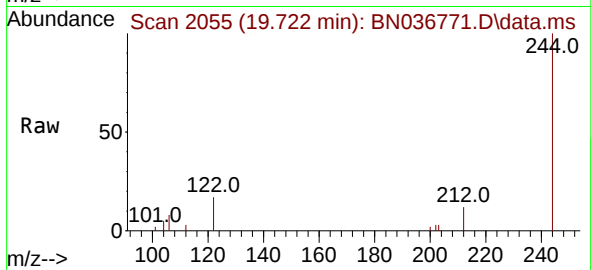
#31  
 Terphenyl-d14  
 Concen: 0.341 ng  
 RT: 19.722 min Scan# 2055  
 Delta R.T. -0.023 min  
 Lab File: BN036771.D  
 Acq: 28 Mar 2025 13:58

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

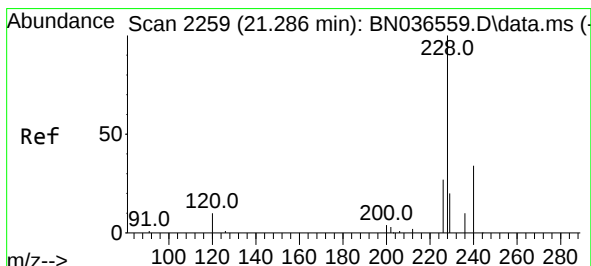
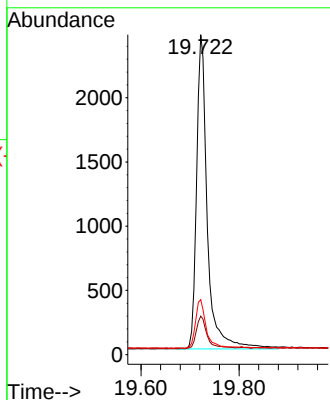
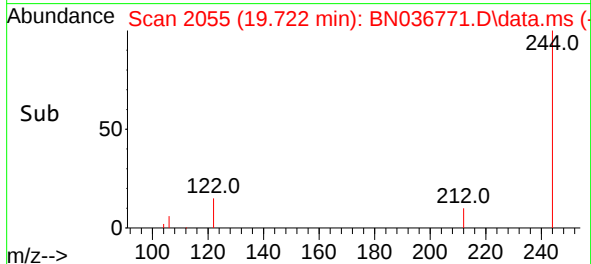


Tgt Ion:244 Resp: 3710  
 Ion Ratio Lower Upper  
 244 100  
 212 12.0 9.6 14.4  
 122 17.2 13.9 20.9

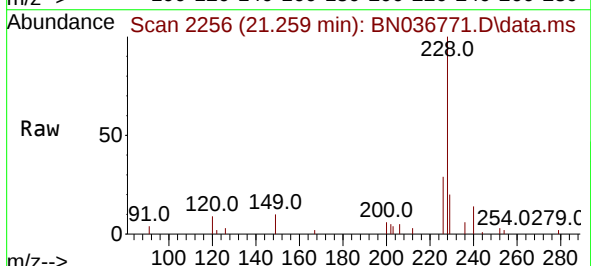
Manual Integrations

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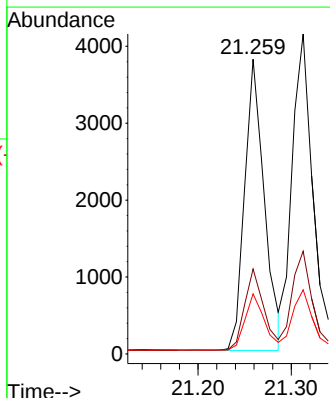
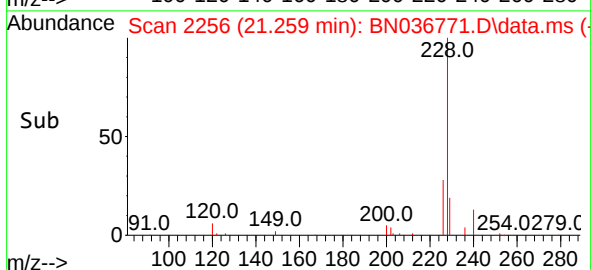
Reviewed By :Anahy Claudio 03/31/2025  
 Supervised By :Jagrut Upadhyay 04/01/2025



#32  
 Benzo(a)anthracene  
 Concen: 0.351 ng  
 RT: 21.259 min Scan# 2256  
 Delta R.T. -0.027 min  
 Lab File: BN036771.D  
 Acq: 28 Mar 2025 13:58



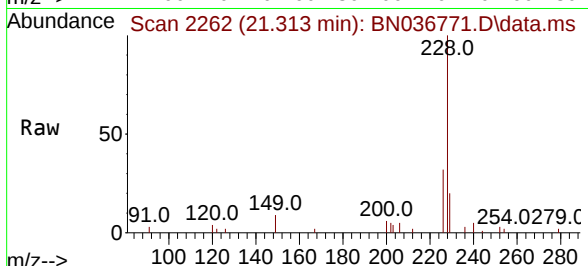
Tgt Ion:228 Resp: 5566  
 Ion Ratio Lower Upper  
 228 100  
 226 28.8 22.5 33.7  
 229 20.4 16.6 25.0





#33  
 Chrysene  
 Concen: 0.389 ng  
 RT: 21.313 min Scan# 2113  
 Delta R.T. -0.018 min  
 Lab File: BN036771.D  
 Acq: 28 Mar 2025 13:58

Instrument : BNA\_N  
 ClientSampleId : SSTDCCC0.4EC

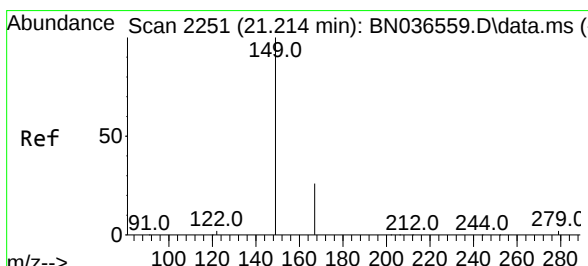
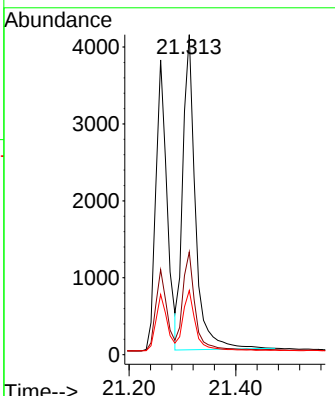
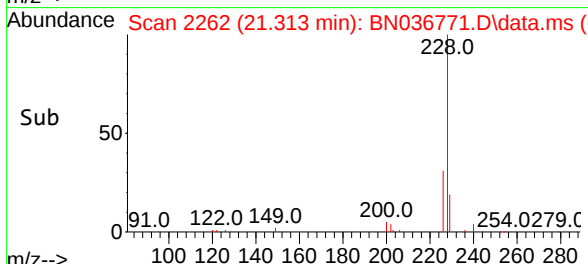


Tgt Ion: 228 Resp: 6720

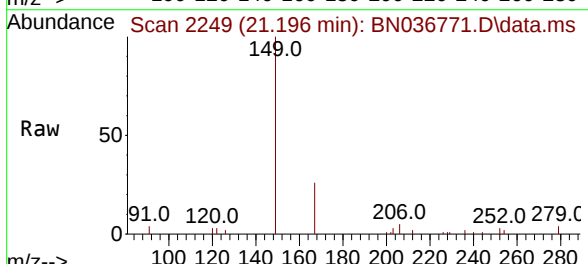
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.1  | 25.3  | 37.9  |
| 229 | 20.0  | 15.8  | 23.8  |

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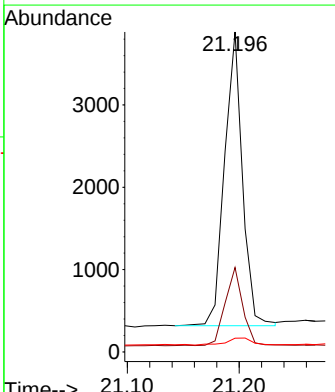
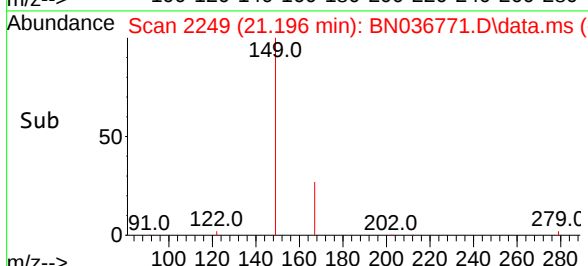


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.352 ng  
 RT: 21.196 min Scan# 2249  
 Delta R.T. -0.018 min  
 Lab File: BN036771.D  
 Acq: 28 Mar 2025 13:58



Tgt Ion: 149 Resp: 3968

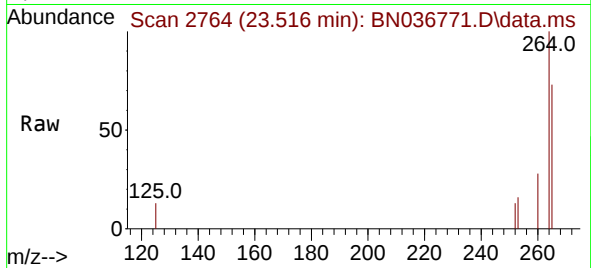
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.1  | 20.7  | 31.1  |
| 279 | 3.3   | 3.6   | 5.4   |





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.516 min Scan# 21  
Delta R.T. -0.038 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

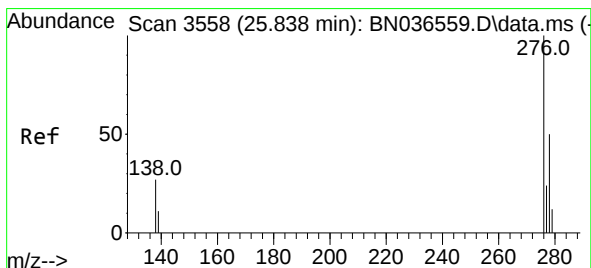
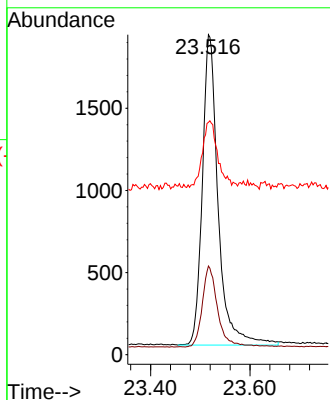
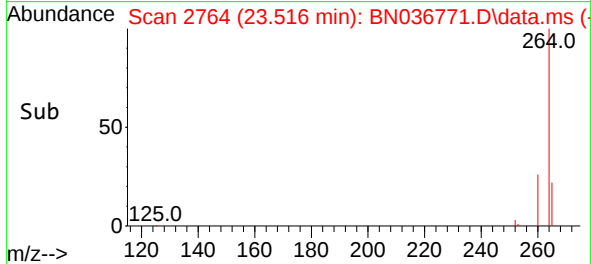
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:264 Resp: 416  
Ion Ratio Lower Upper  
264 100  
260 27.7 22.6 33.8  
265 72.6 88.1 132.1

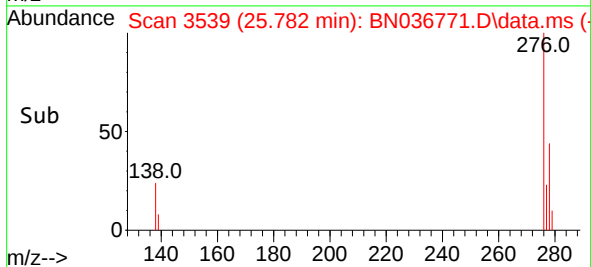
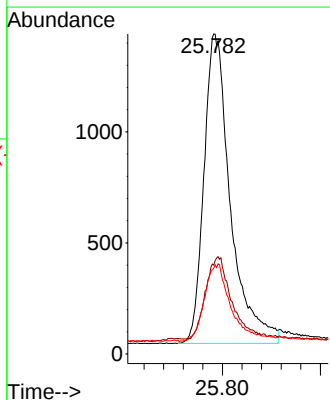
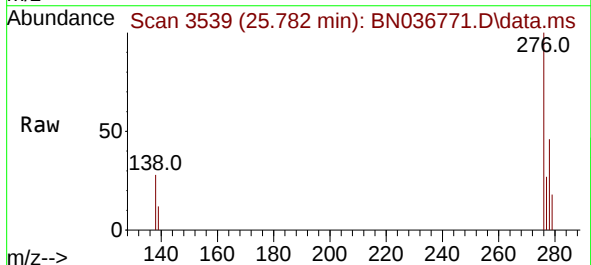
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Supervised By :Jagrut Upadhyay 04/01/2025



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.348 ng  
RT: 25.782 min Scan# 3539  
Delta R.T. -0.055 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

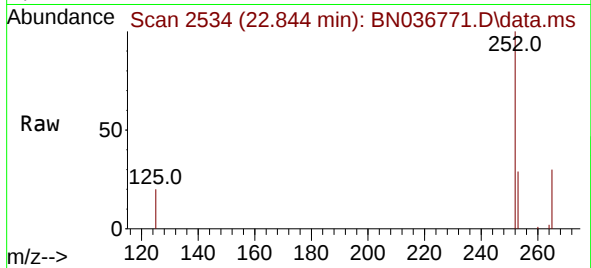
Tgt Ion:276 Resp: 5233  
Ion Ratio Lower Upper  
276 100  
138 25.8 23.4 35.2  
277 25.2 20.0 30.0





#37  
Benzo(b)fluoranthene  
Concen: 0.377 ng  
RT: 22.844 min Scan# 2544  
Delta R.T. -0.029 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58

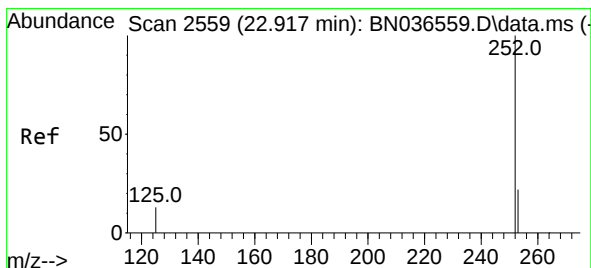
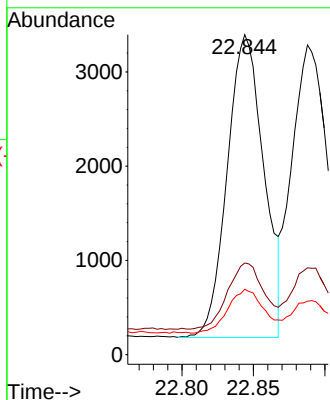
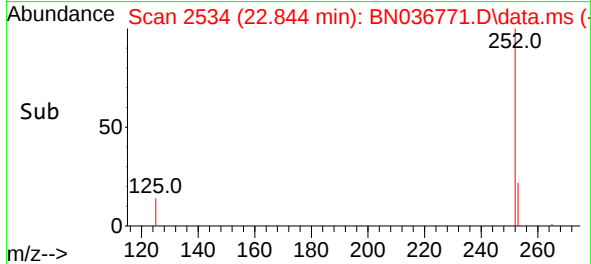
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



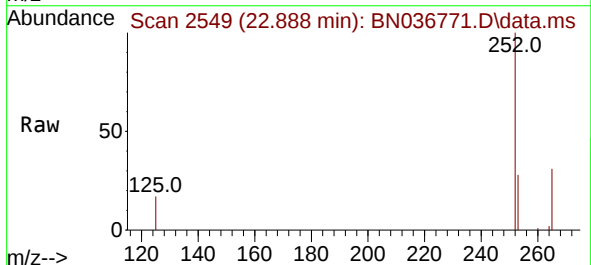
Tgt Ion:252 Resp: 5720  
Ion Ratio Lower Upper  
252 100  
253 28.6 23.9 35.9  
125 20.5 17.4 26.2

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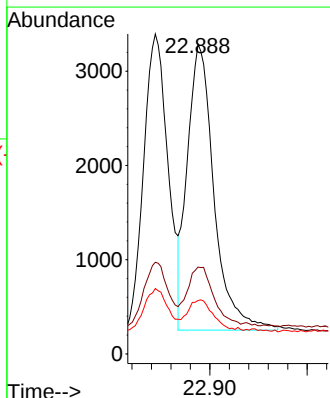
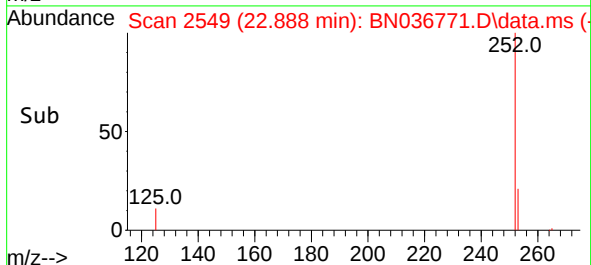
Reviewed By :Anahy Claudio 03/31/2025  
Supervised By :Jagrut Upadhyay 04/01/2025



#38  
Benzo(k)fluoranthene  
Concen: 0.364 ng m  
RT: 22.888 min Scan# 2549  
Delta R.T. -0.029 min  
Lab File: BN036771.D  
Acq: 28 Mar 2025 13:58



Tgt Ion:252 Resp: 5791  
Ion Ratio Lower Upper  
252 100  
253 28.0 24.6 36.8  
125 17.2 17.8 26.8#





#39

Benzo(a)pyrene

Concen: 0.381 ng

RT: 23.420 min Scan# 21

Delta R.T. -0.035 min

Lab File: BN036771.D

Acq: 28 Mar 2025 13:58

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

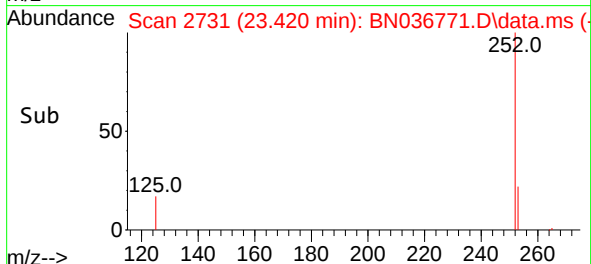
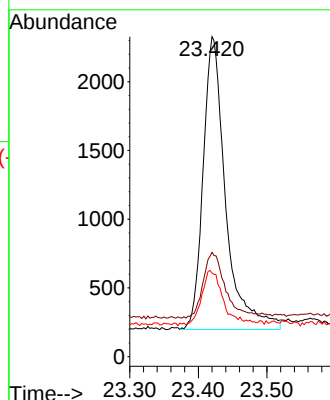
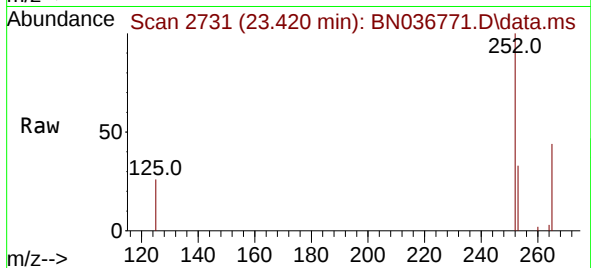
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 486  |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 32.6  | 27.8  | 41.8 |
| 125       | 26.1  | 22.7  | 34.1 |

Manual Integrations

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#40

Dibenzo(a,h)anthracene

Concen: 0.334 ng

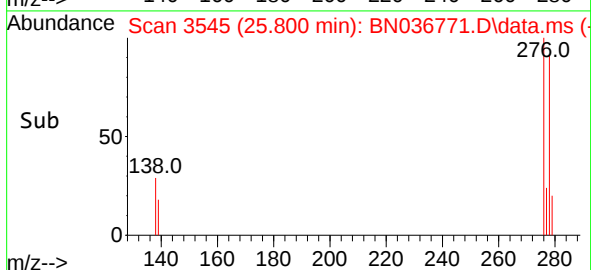
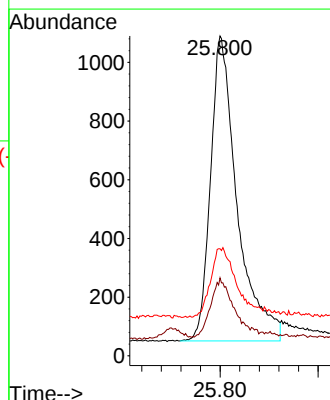
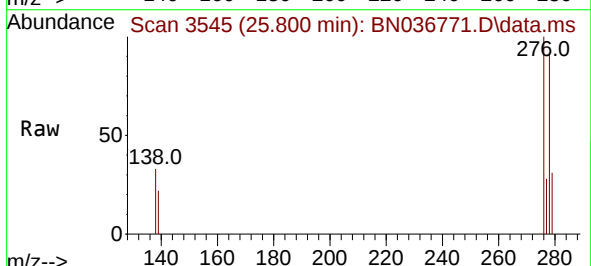
RT: 25.800 min Scan# 3545

Delta R.T. -0.055 min

Lab File: BN036771.D

Acq: 28 Mar 2025 13:58

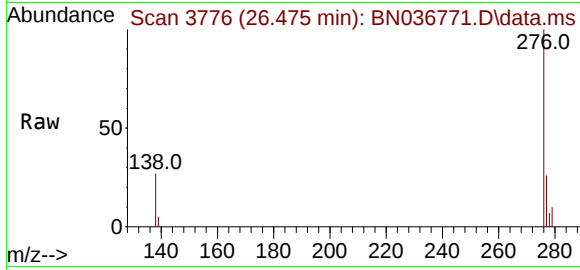
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 278   | Resp: | 3914 |
| Ion Ratio | Lower | Upper |      |
| 278       | 100   |       |      |
| 139       | 24.4  | 20.8  | 31.2 |
| 279       | 33.5  | 28.8  | 43.2 |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.355 ng  
 RT: 26.475 min Scan# 31  
 Delta R.T. -0.055 min  
 Lab File: BN036771.D  
 Acq: 28 Mar 2025 13:58

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



Tgt Ion: 276 Resp: 4758  
 Ion Ratio Lower Upper  
 276 100  
 277 25.7 22.2 33.4  
 138 27.0 24.1 36.1

Manual Integrations  
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 Supervised By :Jagrut Upadhyay 04/01/2025

