

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122324\  
 Data File : BN035835.D  
 Acq On : 25 Dec 2024 00:29  
 Operator : RC/JU  
 Sample : P5376-18  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT119S1-20241219

Quant Time: Dec 25 04:21:48 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 19 23:06:19 2024  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/26/2024  
 Supervised By :mohammad ahmed 12/26/2024

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.264  | 152  | 3270     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.009 | 136  | 7393     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 13.925 | 164  | 4622     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.698 | 188  | 9153     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 20.947 | 240  | 7437     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.029 | 264  | 7071     | 0.400 | ng    | #-0.01   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 4.924  | 112  | 859      | 0.105 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.484  | 99   | 361      | 0.037 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.408  | 82   | 1707m    | 0.378 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.626 | 152  | 3916     | 0.338 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.453 | 330  | 618      | 0.188 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.539 | 172  | 6261     | 0.358 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.747 | 212  | 10636    | 0.410 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.379 | 244  | 7814     | 0.533 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.982  | 88   | 63       | 0.020 | ng    | # 71     |
| 34) Bis(2-ethylhexyl)phtha... | 20.893 | 149  | 496      | 0.048 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

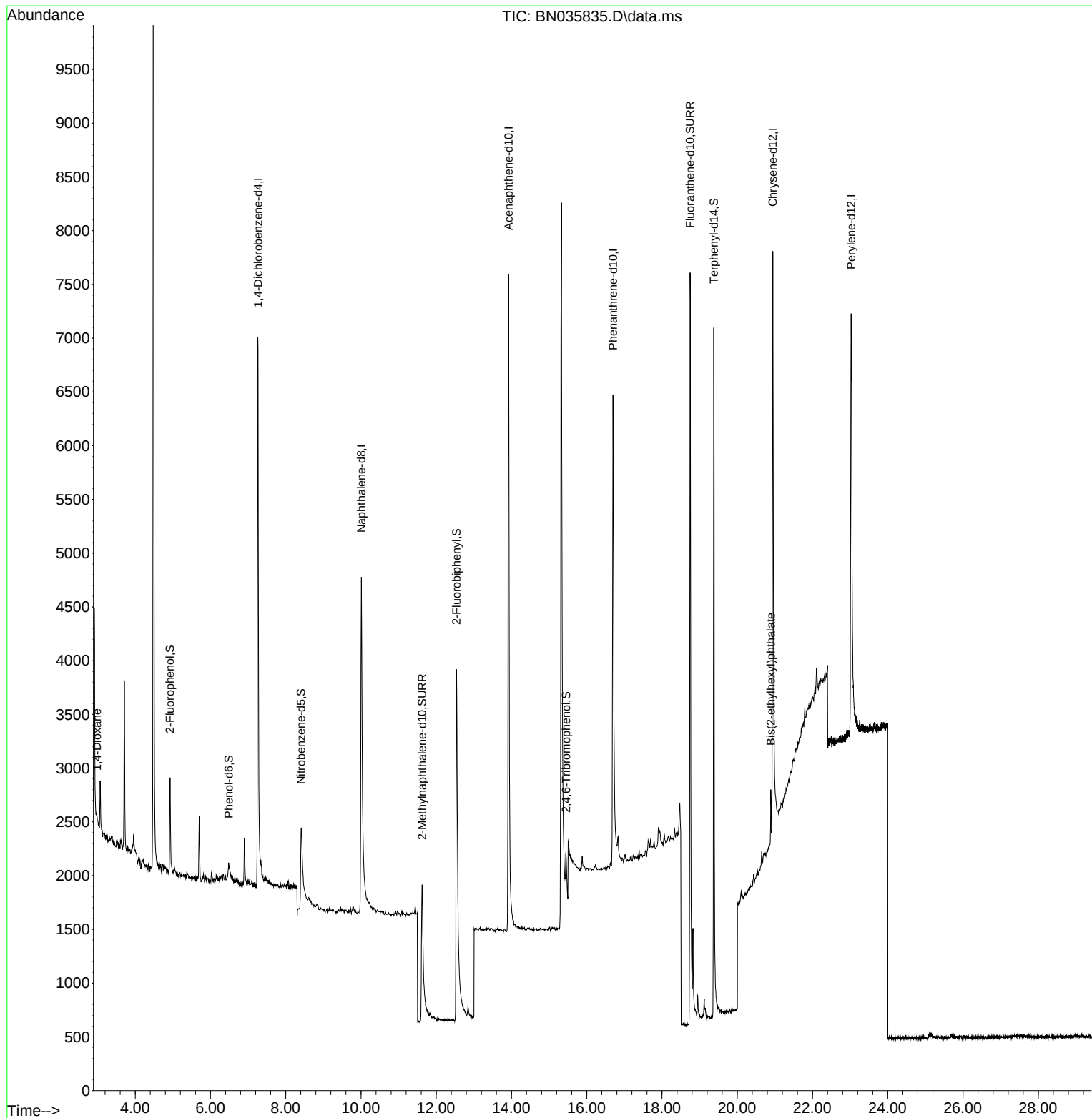
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122324\  
Data File : BN035835.D  
Acq On : 25 Dec 2024 00:29  
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Quant Time: Dec 25 04:21:48 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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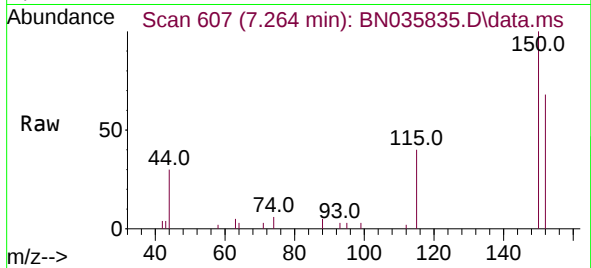
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.264 min Scan# 607  
Delta R.T. -0.008 min  
Lab File: BN035835.D  
Acq: 25 Dec 2024 00:29

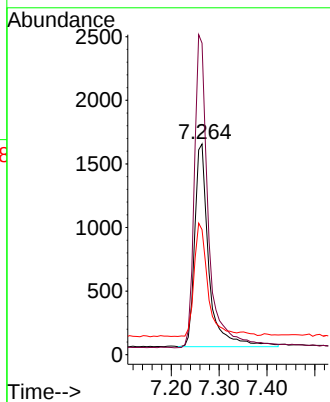
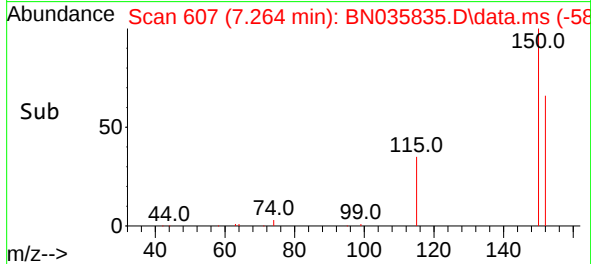
Instrument :  
BNA\_N  
ClientSampleId :  
TT119S1-20241219



Tgt Ion:152 Resp: 3270  
Ion Ratio Lower Upper  
152 100  
150 147.9 124.0 186.0  
115 59.3 49.6 74.4

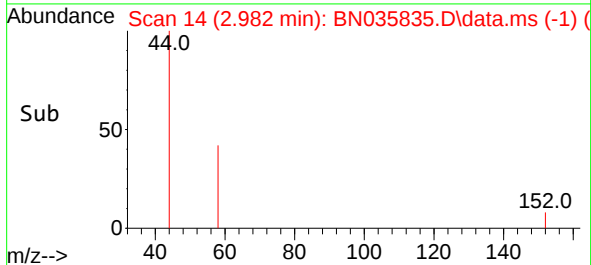
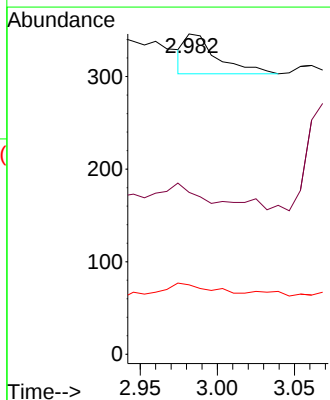
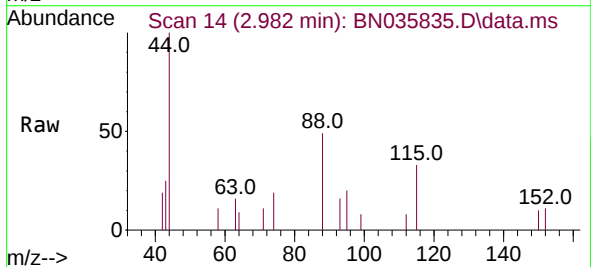
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Supervised By :mohammad ahmed 12/26/2024



#2  
1,4-Dioxane  
Concen: 0.020 ng  
RT: 2.982 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: BN035835.D  
Acq: 25 Dec 2024 00:29

Tgt Ion: 88 Resp: 63  
Ion Ratio Lower Upper  
88 100  
43 41.3 17.2 25.8#  
58 38.1 44.5 66.7#





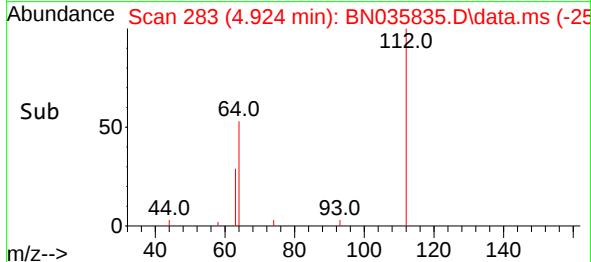
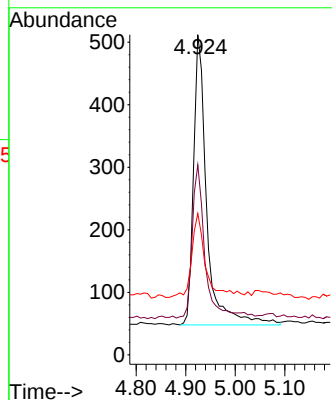
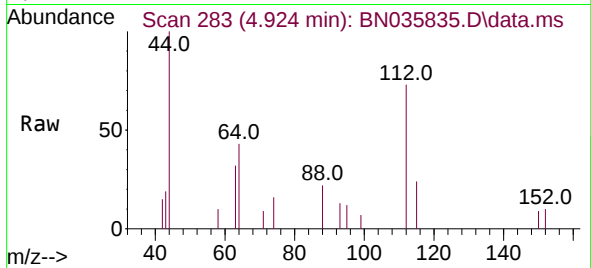
#4  
2-Fluorophenol  
Concen: 0.105 ng  
RT: 4.924 min Scan# 21  
Delta R.T. -0.015 min  
Lab File: BN035835.D  
Acq: 25 Dec 2024 00:29

Instrument :  
BNA\_N  
ClientSampleId :  
TT119S1-20241219

Tgt Ion:112 Resp: 859  
Ion Ratio Lower Upper  
112 100  
64 51.0 39.8 59.8  
63 30.2 21.0 31.6

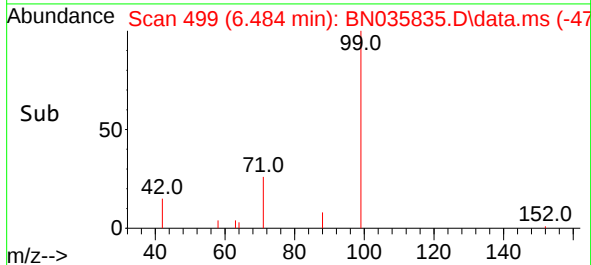
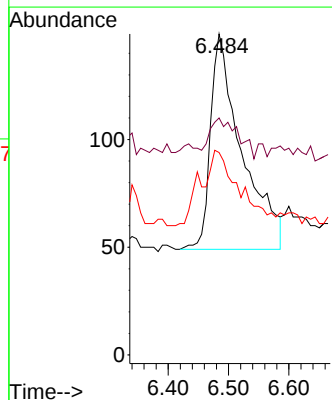
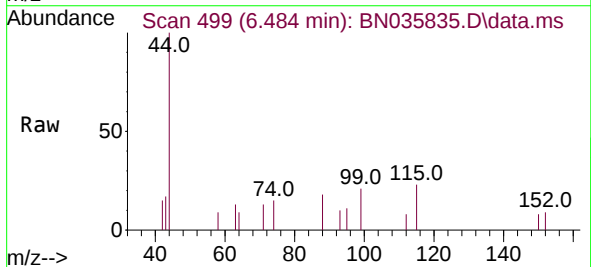
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#5  
Phenol-d6  
Concen: 0.037 ng  
RT: 6.484 min Scan# 499  
Delta R.T. -0.007 min  
Lab File: BN035835.D  
Acq: 25 Dec 2024 00:29

Tgt Ion: 99 Resp: 361  
Ion Ratio Lower Upper  
99 100  
42 16.9 11.4 17.2  
71 25.8 29.3 43.9#





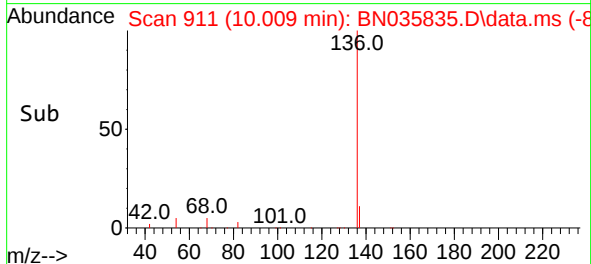
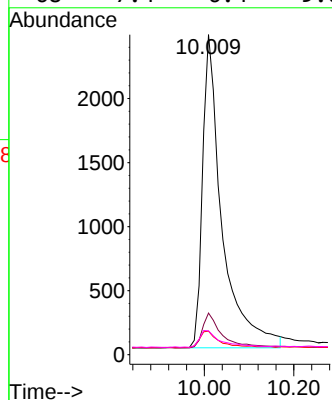
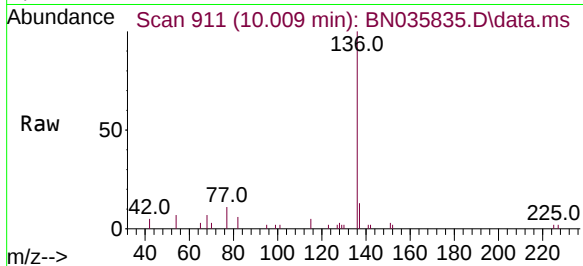
#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.009 min Scan# 915  
Delta R.T. -0.011 min  
Lab File: BN035835.D  
Acq: 25 Dec 2024 00:29

Instrument :  
BNA\_N  
ClientSampleId :  
TT119S1-20241219

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 739   |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.0  | 10.2  | 15.2  |
| 54       | 7.4   | 6.1   | 9.1   |
| 68       | 7.4   | 6.4   | 9.6   |

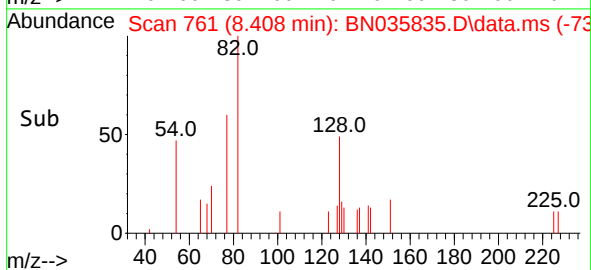
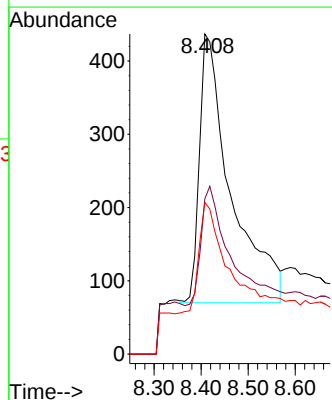
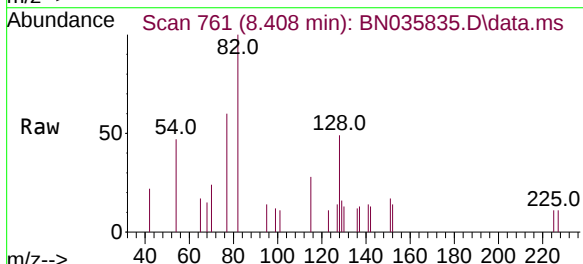
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#8  
Nitrobenzene-d5  
Concen: 0.378 ng m  
RT: 8.408 min Scan# 761  
Delta R.T. -0.000 min  
Lab File: BN035835.D  
Acq: 25 Dec 2024 00:29

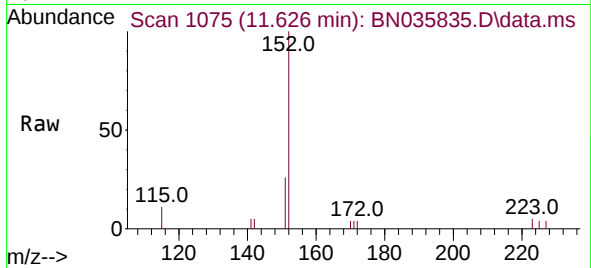
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1707  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 48.5  | 33.4  | 50.0  |
| 54       | 47.4  | 36.7  | 55.1  |





#11  
2-Methylnaphthalene-d10  
Concen: 0.338 ng  
RT: 11.626 min Scan# 1081  
Delta R.T. 0.005 min  
Lab File: BN035835.D  
Acq: 25 Dec 2024 00:29

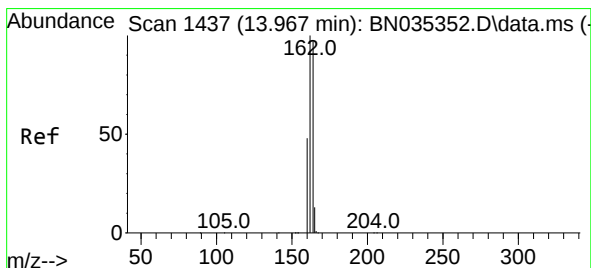
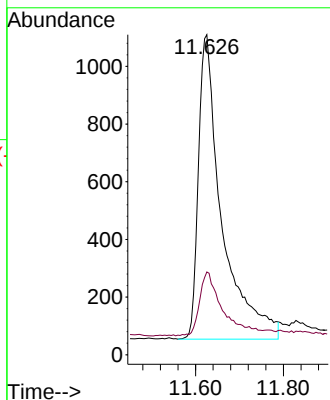
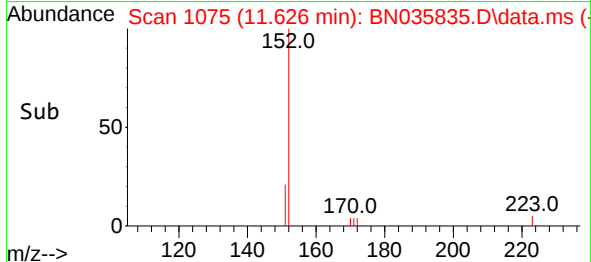
Instrument :  
BNA\_N  
ClientSampleId :  
TT119S1-20241219



Tgt Ion:152 Resp: 3910  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.6 25.0

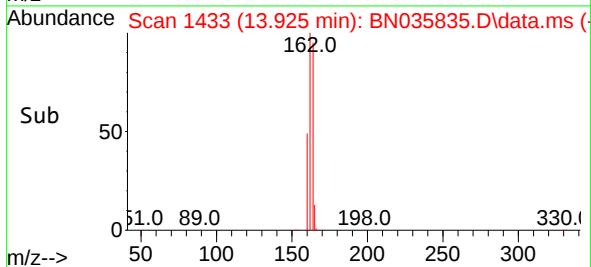
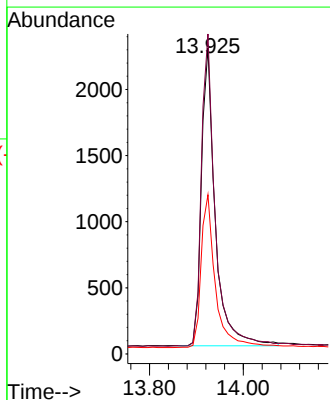
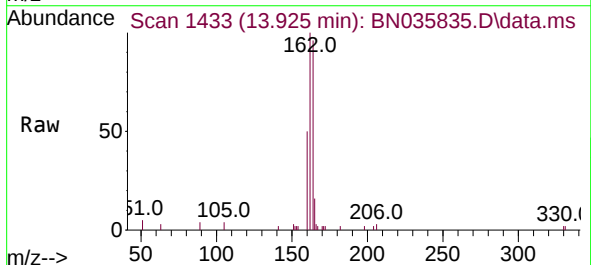
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Supervised By :mohammad ahmed 12/26/2024



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 13.925 min Scan# 1433  
Delta R.T. -0.011 min  
Lab File: BN035835.D  
Acq: 25 Dec 2024 00:29

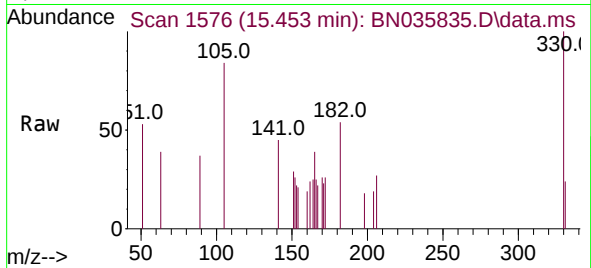
Tgt Ion:164 Resp: 4622  
Ion Ratio Lower Upper  
164 100  
162 104.5 82.2 123.2  
160 52.0 40.1 60.1





#14  
2,4,6-Tribromophenol  
Concen: 0.188 ng  
RT: 15.453 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN035835.D  
Acq: 25 Dec 2024 00:29

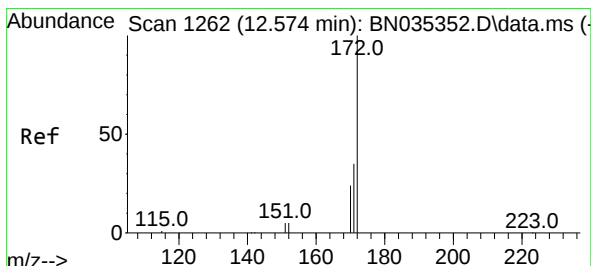
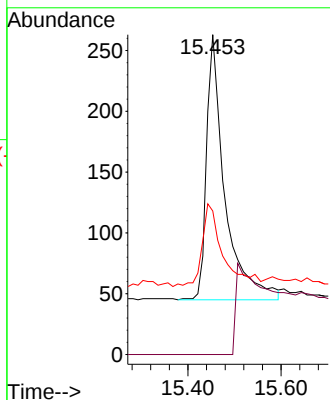
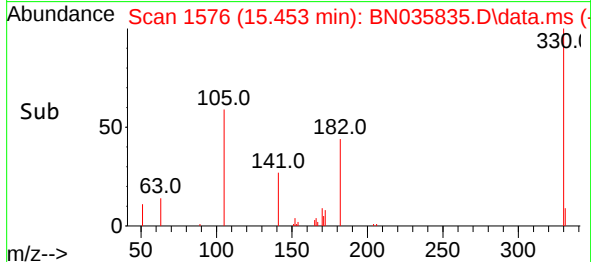
Instrument :  
BNA\_N  
ClientSampleId :  
TT119S1-20241219



Tgt Ion:330 Resp: 618  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 34.8 26.6 40.0

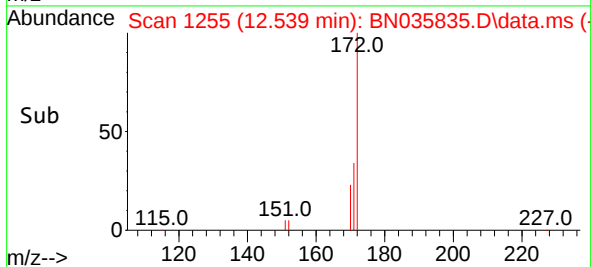
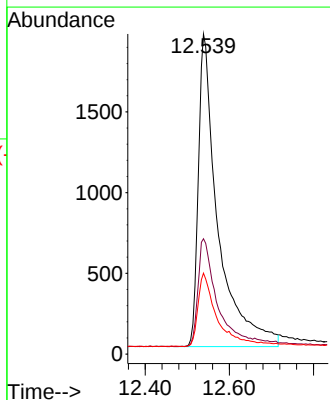
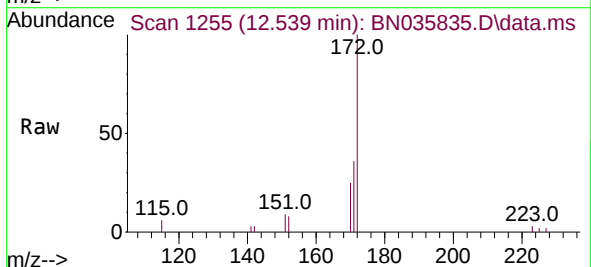
Manual Integrations  
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#15  
2-Fluorobiphenyl  
Concen: 0.358 ng  
RT: 12.539 min Scan# 1255  
Delta R.T. -0.005 min  
Lab File: BN035835.D  
Acq: 25 Dec 2024 00:29

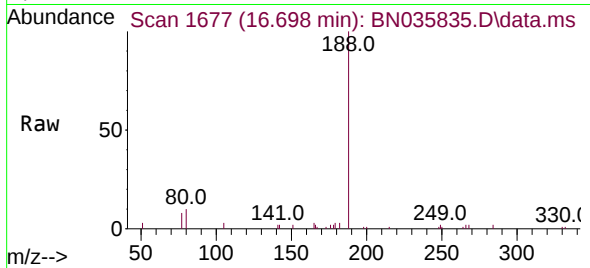
Tgt Ion:172 Resp: 6261  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.0 43.4  
170 25.3 19.8 29.8





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.698 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: BN035835.D  
Acq: 25 Dec 2024 00:29

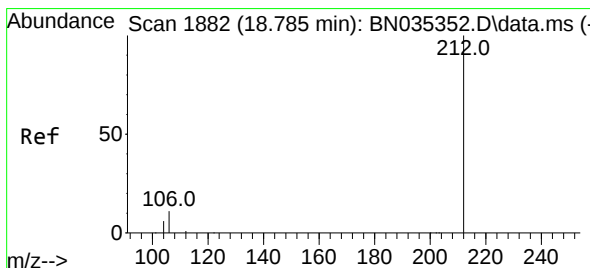
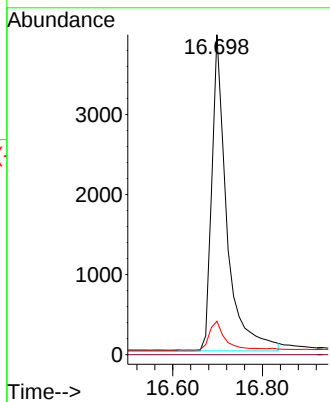
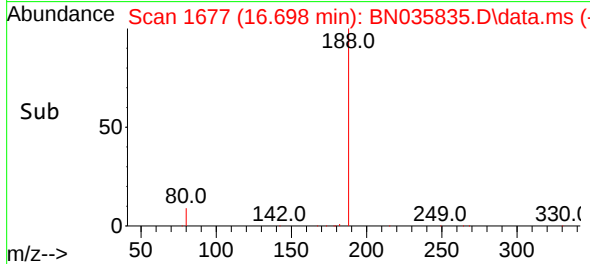
Instrument :  
BNA\_N  
ClientSampleId :  
TT119S1-20241219



Tgt Ion:188 Resp: 915  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.5 4.6 6.8

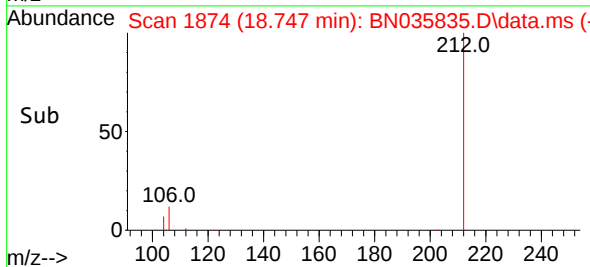
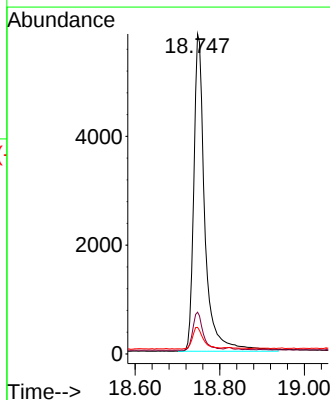
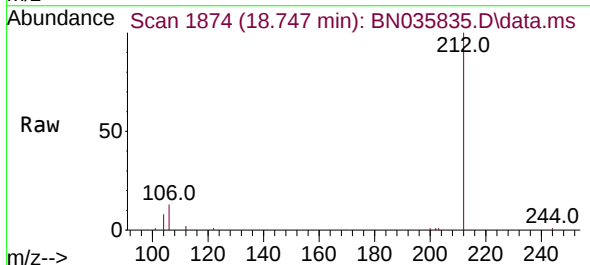
Manual Integrations  
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Supervised By :mohammad ahmed 12/26/2024



#27  
Fluoranthene-d10  
Concen: 0.410 ng  
RT: 18.747 min Scan# 1874  
Delta R.T. -0.014 min  
Lab File: BN035835.D  
Acq: 25 Dec 2024 00:29

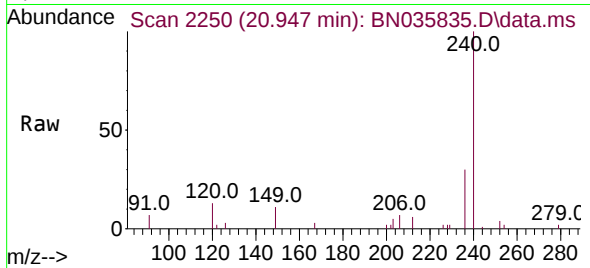
Tgt Ion:212 Resp: 10636  
Ion Ratio Lower Upper  
212 100  
106 11.4 9.2 13.8  
104 6.7 5.3 7.9





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 20.947 min Scan# 2010  
Delta R.T. -0.009 min  
Lab File: BN035835.D  
Acq: 25 Dec 2024 00:29

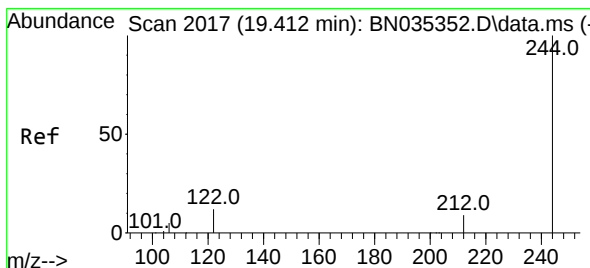
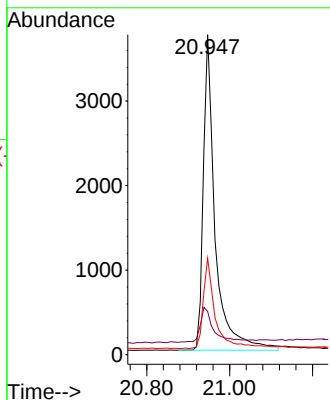
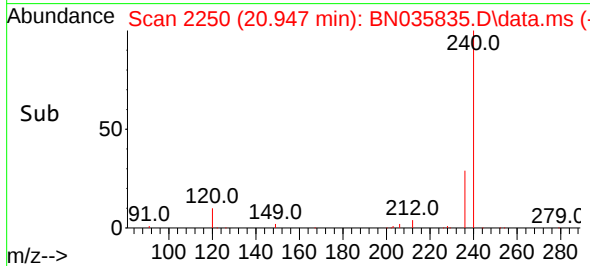
Instrument :  
BNA\_N  
ClientSampleId :  
TT119S1-20241219



Tgt Ion:240 Resp: 743  
Ion Ratio Lower Upper  
240 100  
120 13.5 7.9 11.9  
236 30.1 22.9 34.3

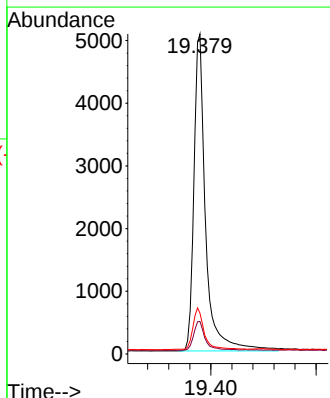
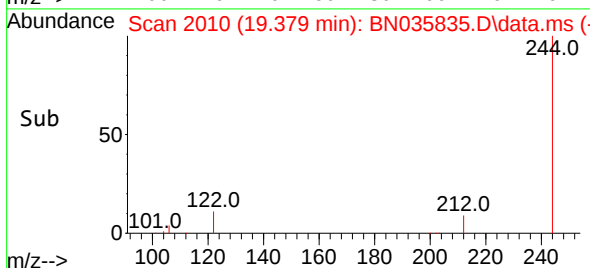
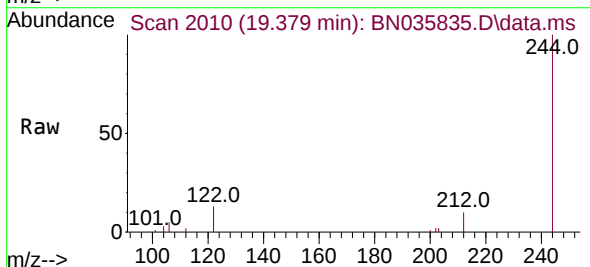
Manual Integrations  
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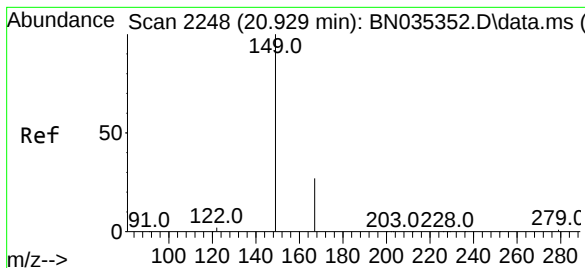
Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024



#31  
Terphenyl-d14  
Concen: 0.533 ng  
RT: 19.379 min Scan# 2010  
Delta R.T. -0.009 min  
Lab File: BN035835.D  
Acq: 25 Dec 2024 00:29

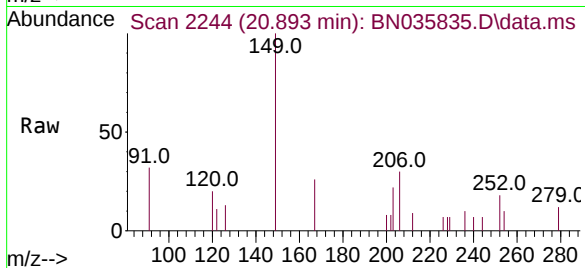
Tgt Ion:244 Resp: 7814  
Ion Ratio Lower Upper  
244 100  
212 10.1 8.1 12.1  
122 12.7 10.3 15.5





#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.048 ng  
RT: 20.893 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BN035835.D  
Acq: 25 Dec 2024 00:29

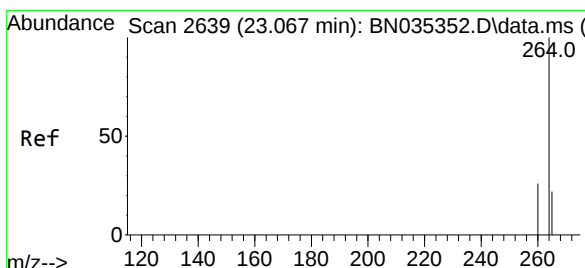
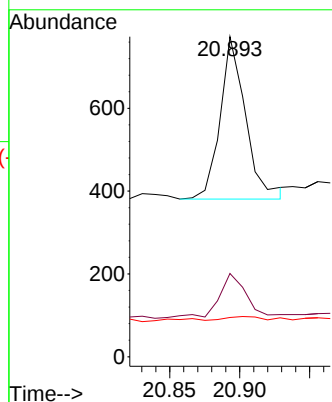
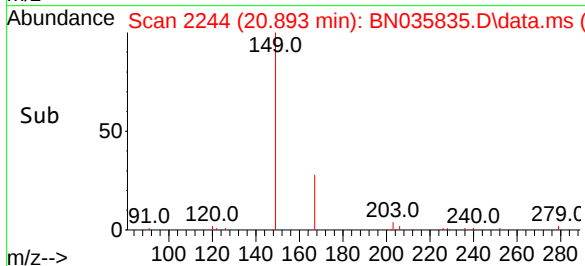
Instrument :  
BNA\_N  
ClientSampleId :  
TT119S1-20241219



Tgt Ion:149 Resp: 490  
Ion Ratio Lower Upper  
149 100  
167 28.4 22.2 33.4  
279 3.6 2.7 4.1

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/26/2024  
Supervised By :mohammad ahmed 12/26/2024



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.029 min Scan# 2626  
Delta R.T. -0.012 min  
Lab File: BN035835.D  
Acq: 25 Dec 2024 00:29

Tgt Ion:264 Resp: 7071  
Ion Ratio Lower Upper  
264 100  
260 27.2 21.4 32.2  
265 97.8 40.2 60.4#

