

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020625\  
 Data File : BN036393.D  
 Acq On : 08 Feb 2025 03:38  
 Operator : RC/JU  
 Sample : Q1202-17  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 E29B0

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025  
 Supervised By :Sohil Jodhani 02/18/2025

Quant Time: Feb 11 15:04:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 07 11:25:57 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.762  | 152  | 2978     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.540 | 136  | 12194m   | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.396 | 164  | 18802m   | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.146 | 188  | 11115    | 0.400 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.336 | 240  | 10815    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.613 | 264  | 8365m    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.248  | 96   | 14642    | 4.491 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.146 | 152  | 4133m    | 0.268 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.179 | 212  | 8827     | 0.297 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.606 | 128  | 29671    | 0.883 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.218 | 142  | 16491    | 0.790 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.443 | 142  | 26240    | 1.239 | ng/ul  | 95       |
| 10) Acenaphthylene          | 14.127 | 152  | 3525m    | 0.040 | ng/ul  |          |
| 11) Acenaphthene            | 14.470 | 153  | 13079    | 0.201 | ng/ul# | 81       |
| 12) Fluorene                | 15.455 | 166  | 15143    | 0.210 | ng/ul# | 96       |
| 14) Pentachlorophenol       | 16.800 | 266  | 268      | 0.069 | ng/ul# | 89       |
| 15) Phenanthrene            | 17.188 | 178  | 32179    | 0.989 | ng/ul# | 92       |
| 16) Anthracene              | 17.277 | 178  | 10685    | 0.353 | ng/ul# | 56       |
| 19) Fluoranthene            | 19.207 | 202  | 4000     | 0.097 | ng/ul# | 54       |
| 20) Pyrene                  | 19.570 | 202  | 2078     | 0.048 | ng/ul# | 27       |
| -----                       |        |      |          |       |        |          |

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

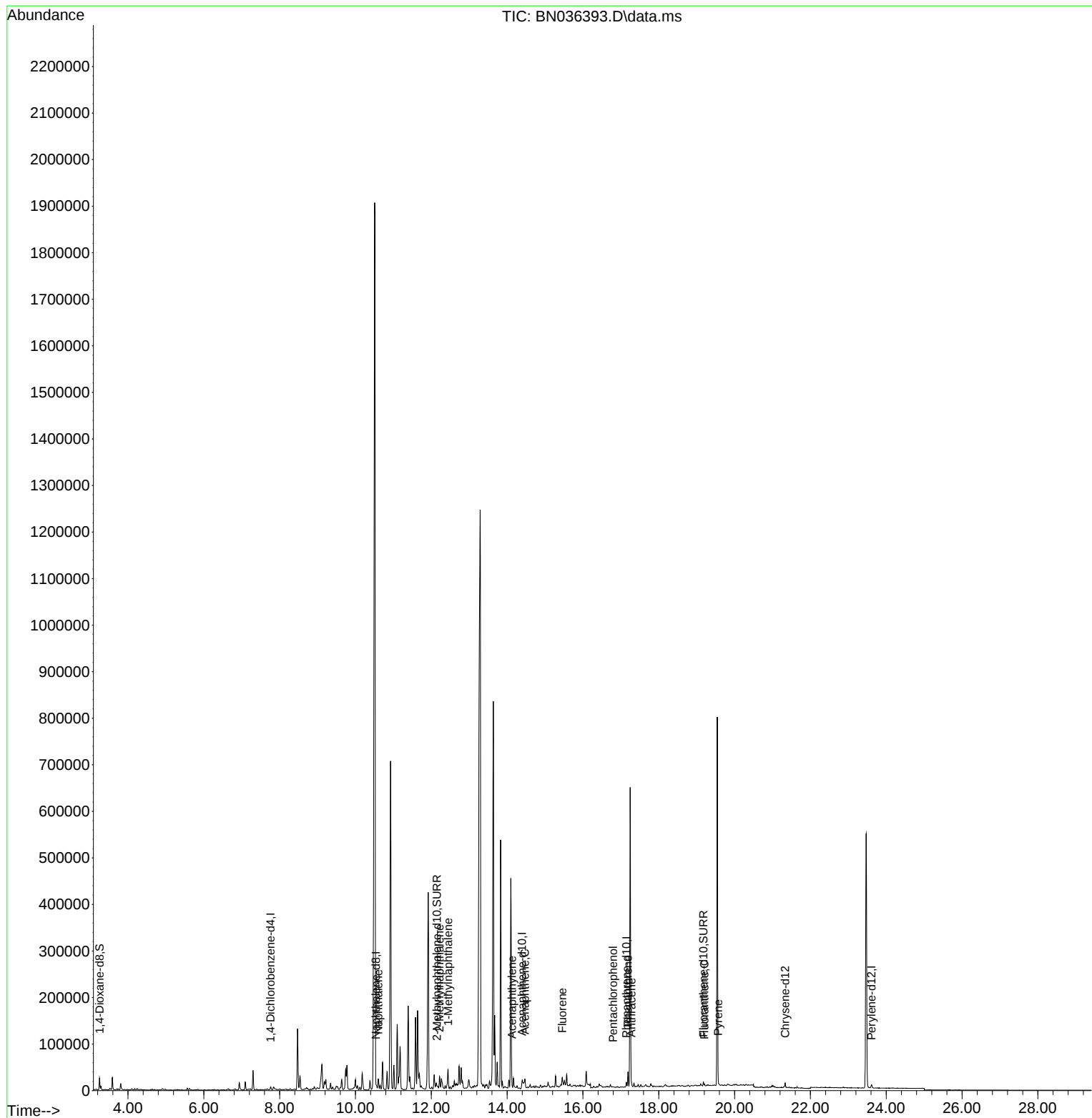
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020625\  
Data File : BN036393.D  
Acq On : 08 Feb 2025 03:38  
Operator : RC/JU  
Sample : Q1202-17  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

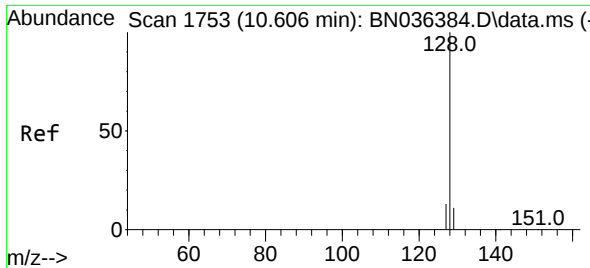
Instrument :  
BNA\_N  
ClientSampleId :  
E29B0

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Supervised By :Sohil Jodhani 02/18/2025

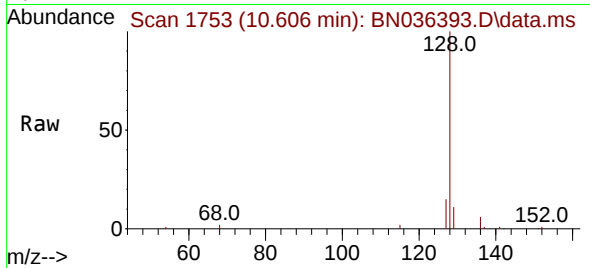
Quant Time: Feb 11 15:04:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 07 11:25:57 2025  
Response via : Initial Calibration





#5  
Naphthalene  
Concen: 0.883 ng/ul  
RT: 10.606 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: BN036393.D  
Acq: 08 Feb 2025 03:38

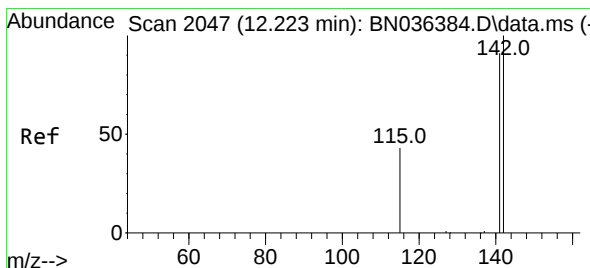
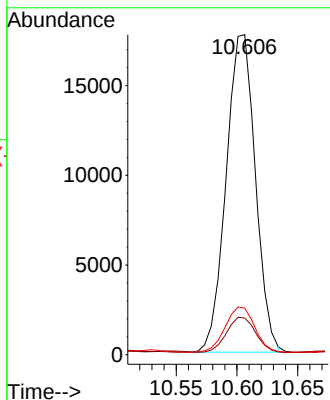
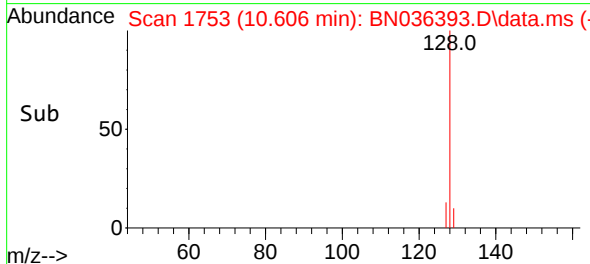
Instrument :  
BNA\_N  
ClientSampleId :  
E29B0



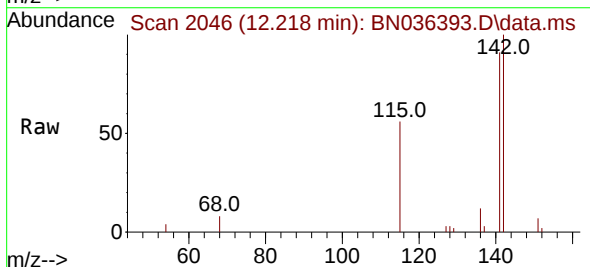
Tgt Ion:128 Resp: 2967  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.6 14.4  
127 14.6 12.0 18.0

Manual Integrations  
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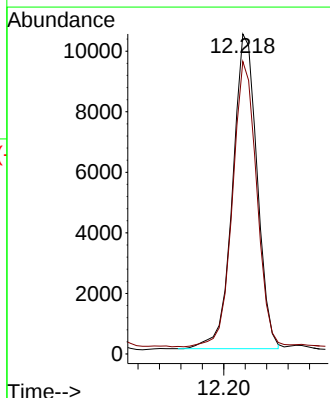
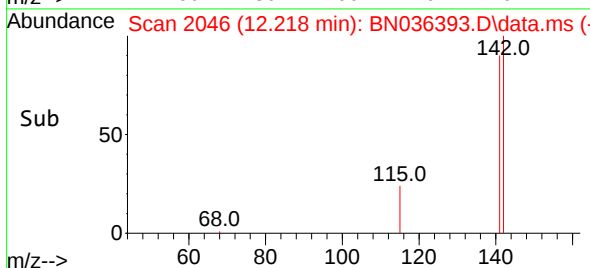
Reviewed By :Jagrut Upadhyay 02/11/2025  
Supervised By :Sohil Jodhani 02/18/2025

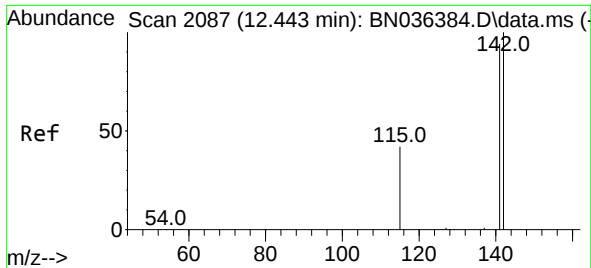


#7  
2-Methylnaphthalene  
Concen: 0.790 ng/ul  
RT: 12.218 min Scan# 2046  
Delta R.T. -0.011 min  
Lab File: BN036393.D  
Acq: 08 Feb 2025 03:38



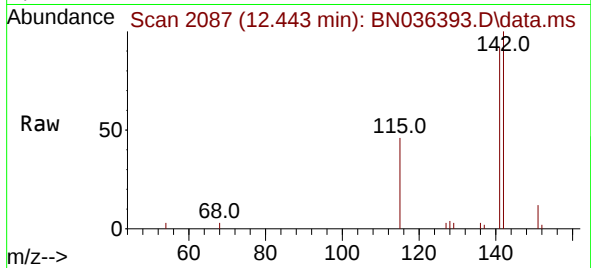
Tgt Ion:142 Resp: 16491  
Ion Ratio Lower Upper  
142 100  
141 89.2 71.9 107.9





#8  
1-Methylnaphthalene  
Concen: 1.239 ng/ul  
RT: 12.443 min Scan# 2087  
Delta R.T. -0.005 min  
Lab File: BN036393.D  
Acq: 08 Feb 2025 03:38

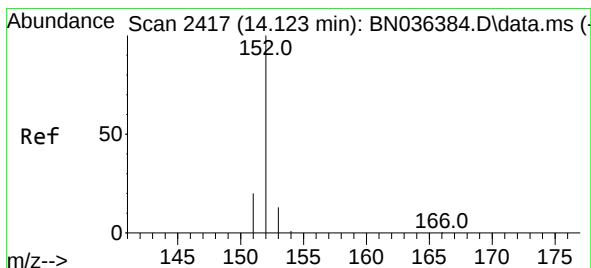
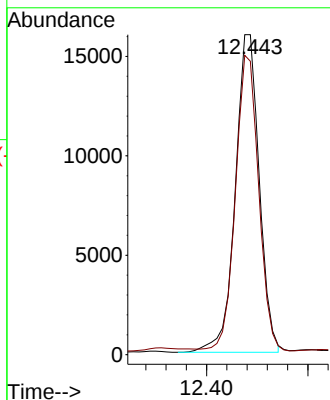
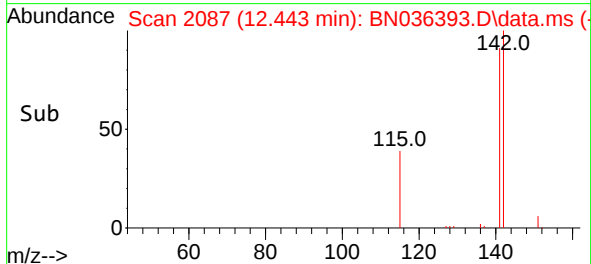
Instrument :  
BNA\_N  
ClientSampleId :  
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Tgt Ion:142 Resp: 26240  
Ion Ratio Lower Upper  
142 100  
141 88.7 75.2 112.8

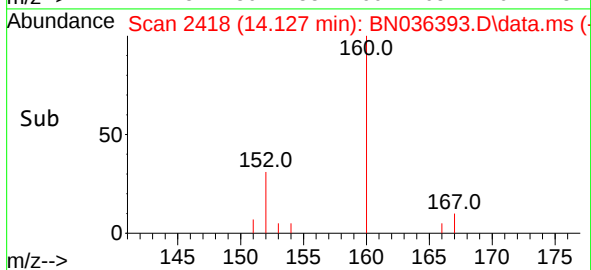
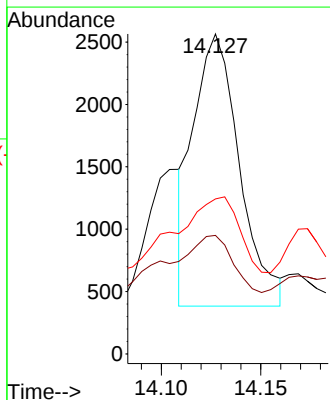
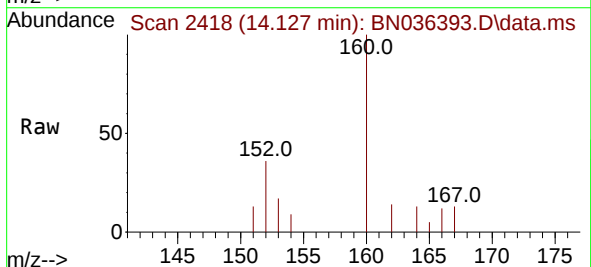
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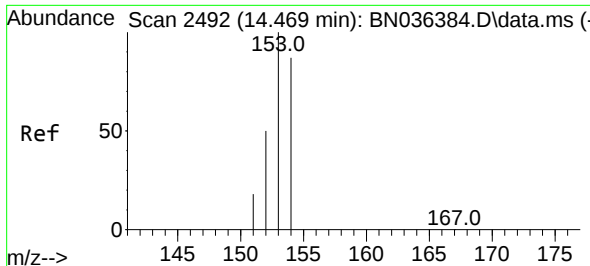
Reviewed By :Jagrut Upadhyay 02/11/2025  
Supervised By :Sohil Jodhani 02/18/2025



#10  
Acenaphthylene  
Concen: 0.040 ng/ul m  
RT: 14.127 min Scan# 2418  
Delta R.T. 0.000 min  
Lab File: BN036393.D  
Acq: 08 Feb 2025 03:38

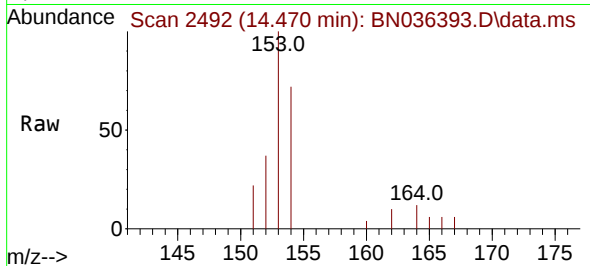
Tgt Ion:152 Resp: 3525  
Ion Ratio Lower Upper  
152 100  
151 37.0 17.4 26.2#  
153 48.5 11.9 17.9#





#11  
Acenaphthene  
Concen: 0.201 ng/ul  
RT: 14.470 min Scan# 2492  
Delta R.T. 0.000 min  
Lab File: BN036393.D  
Acq: 08 Feb 2025 03:38

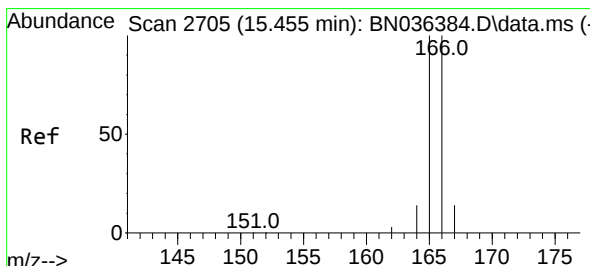
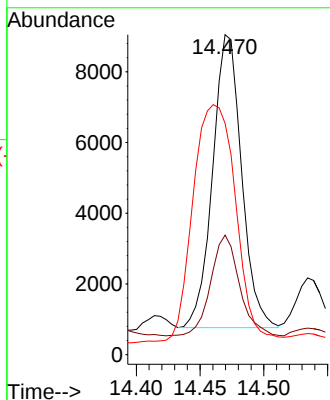
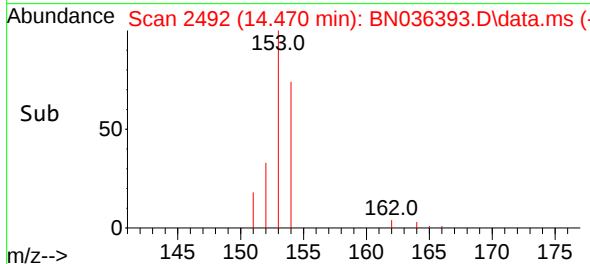
Instrument :  
BNA\_N  
ClientSampleId :  
E29B0



Tgt Ion:153 Resp: 13079  
Ion Ratio Lower Upper  
153 100  
152 37.3 43.2 64.8  
154 72.3 70.5 105.7

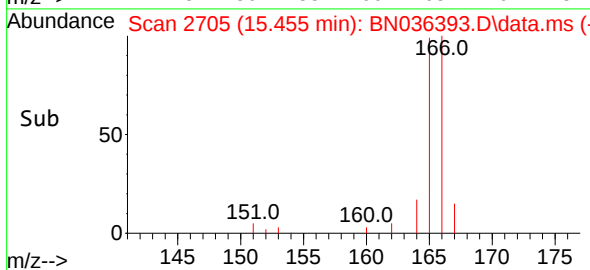
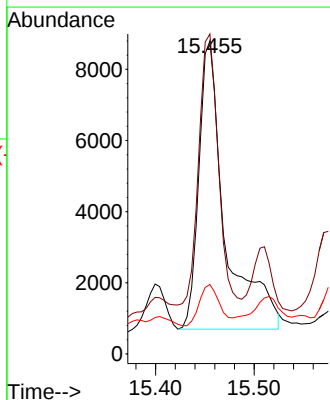
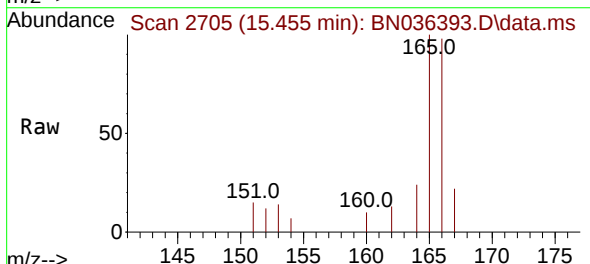
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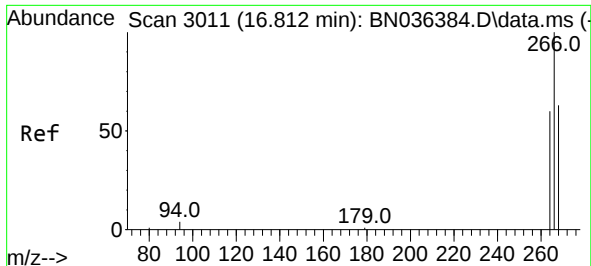
Reviewed By :Jagrut Upadhyay 02/11/2025  
Supervised By :Sohil Jodhani 02/18/2025



#12  
Fluorene  
Concen: 0.210 ng/ul  
RT: 15.455 min Scan# 2705  
Delta R.T. -0.004 min  
Lab File: BN036393.D  
Acq: 08 Feb 2025 03:38

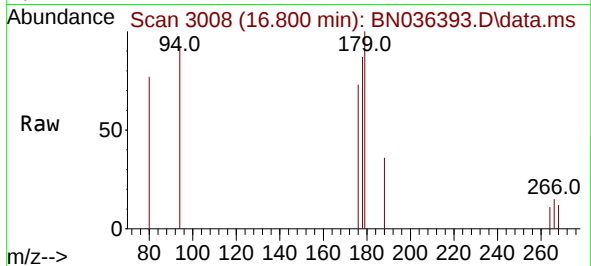
Tgt Ion:166 Resp: 15143  
Ion Ratio Lower Upper  
166 100  
165 102.2 80.3 120.5  
167 22.2 12.3 18.5





#14  
Pentachlorophenol  
Concen: 0.069 ng/u1  
RT: 16.800 min Scan# 3011  
Delta R.T. -0.012 min  
Lab File: BN036393.D  
Acq: 08 Feb 2025 03:38

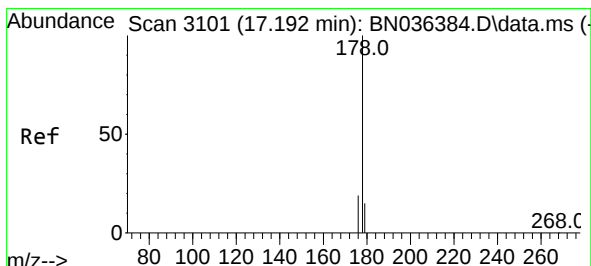
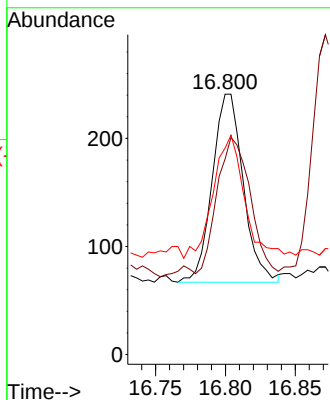
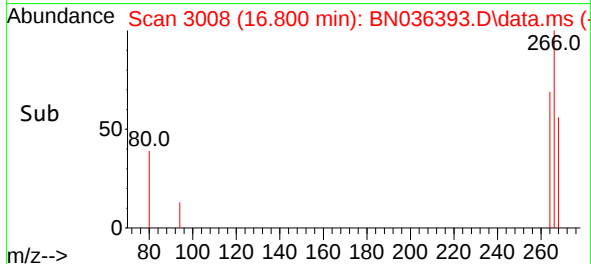
Instrument :  
BNA\_N  
ClientSampleId :  
E29B0



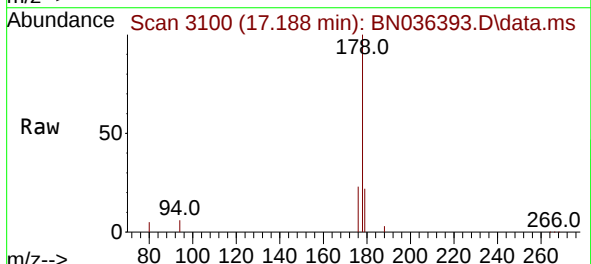
Tgt Ion:266 Resp: 266  
Ion Ratio Lower Upper  
266 100  
264 77.2 50.6 75.8  
268 66.8 50.6 75.8

Manual Integrations  
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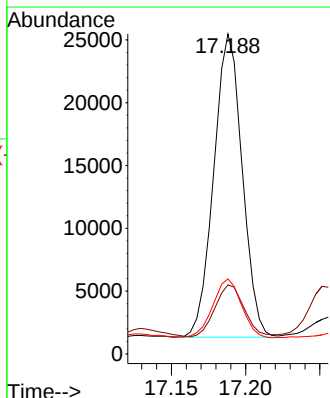
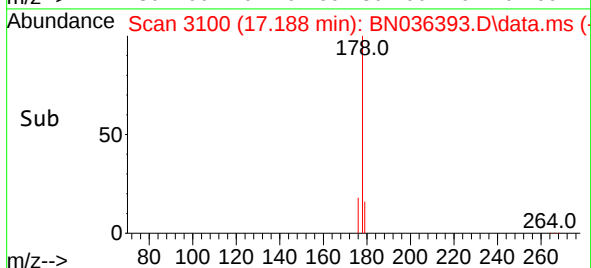
Reviewed By :Jagrut Upadhyay 02/11/2025  
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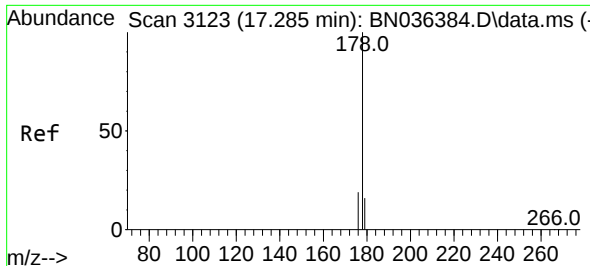


#15  
Phenanthrene  
Concen: 0.989 ng/u1  
RT: 17.188 min Scan# 3100  
Delta R.T. -0.008 min  
Lab File: BN036393.D  
Acq: 08 Feb 2025 03:38



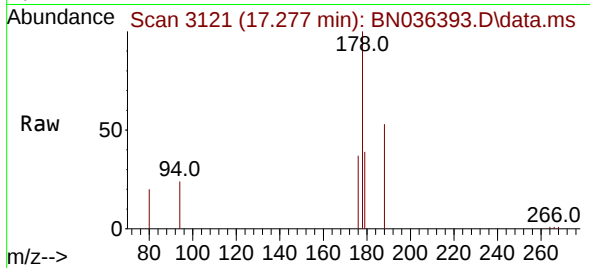
Tgt Ion:178 Resp: 32179  
Ion Ratio Lower Upper  
178 100  
179 21.6 13.2 19.8  
176 23.5 16.8 25.2





#16  
 Anthracene  
 Concen: 0.353 ng/ul  
 RT: 17.277 min Scan# 3121  
 Delta R.T. -0.012 min  
 Lab File: BN036393.D  
 Acq: 08 Feb 2025 03:38

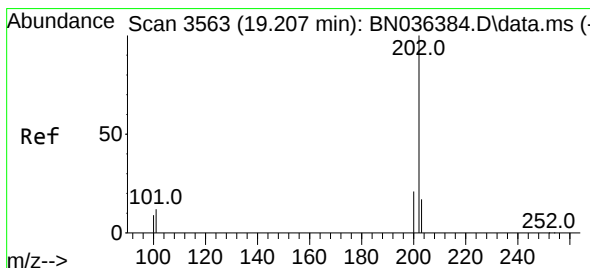
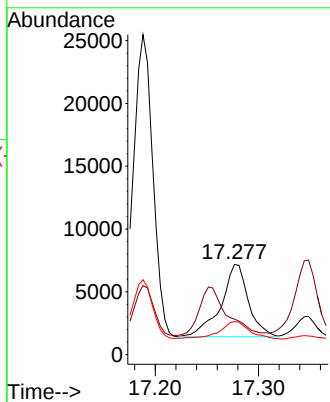
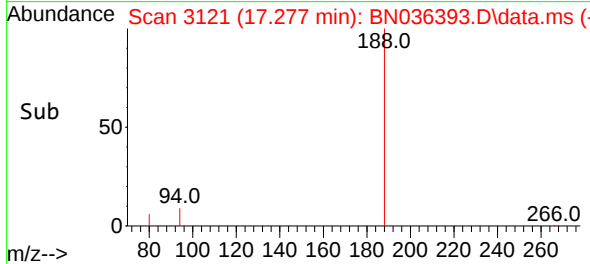
Instrument :  
 BNA\_N  
 ClientSampleId :  
 E29B0



Tgt Ion:178 Resp: 10685  
 Ion Ratio Lower Upper  
 178 100  
 179 39.3 13.0 19.4#  
 176 36.7 15.9 23.9#

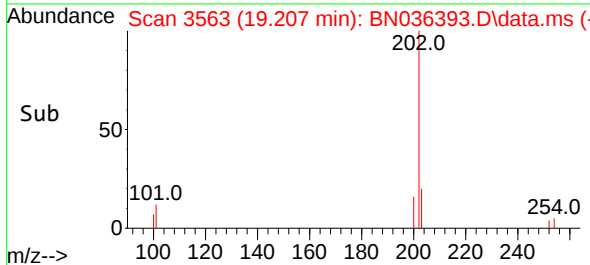
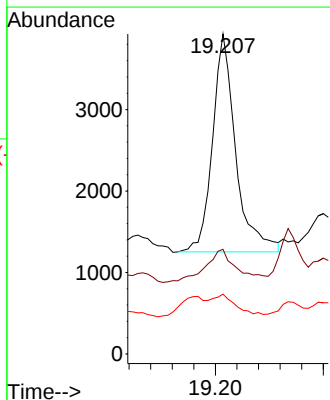
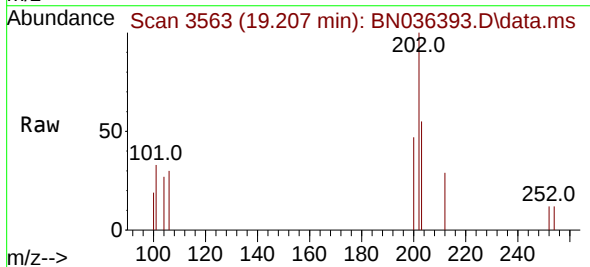
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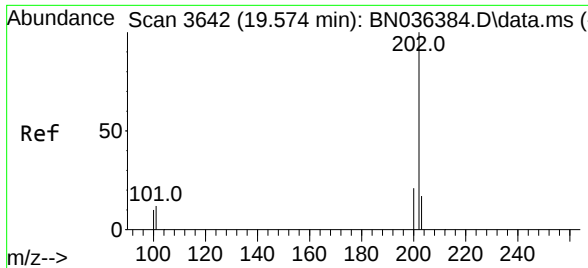
Reviewed By :Jagrut Upadhyay 02/11/2025  
 Supervised By :Sohil Jodhani 02/18/2025



#19  
 Fluoranthene  
 Concen: 0.097 ng/ul  
 RT: 19.207 min Scan# 3563  
 Delta R.T. -0.004 min  
 Lab File: BN036393.D  
 Acq: 08 Feb 2025 03:38

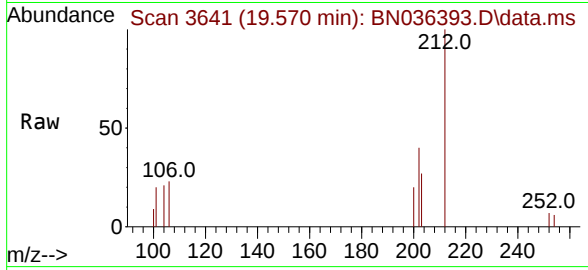
Tgt Ion:202 Resp: 4000  
 Ion Ratio Lower Upper  
 202 100  
 101 32.7 8.4 12.6#  
 100 18.7 6.5 9.7#





#20  
Pyrene  
Concen: 0.048 ng/ul  
RT: 19.570 min Scan# 30  
Delta R.T. -0.004 min  
Lab File: BN036393.D  
Acq: 08 Feb 2025 03:38

Instrument :  
BNA\_N  
ClientSampleId :  
E29B0



Tgt Ion: 202 Resp: 2078

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 50.5  | 9.3   | 13.9  |
| 100 | 23.1  | 7.5   | 11.3  |

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