

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013125\  
 Data File : BN036201.D  
 Acq On : 01 Feb 2025 11:41  
 Operator : RC/JU  
 Sample : Q1224-17  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A6324

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025  
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 12:05:13 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 : Tue Jan 21 23:52:22 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.791  | 152  | 2813     | 0.400 | ng/ul  | -0.03    |
| 4) Naphthalene-d8           | 10.583 | 136  | 7409     | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.431 | 164  | 4689     | 0.400 | ng/ul  | -0.02    |
| 13) Phenanthrene-d10        | 17.179 | 188  | 10066    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.365 | 240  | 9416     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.660 | 264  | 8237m    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.259  | 96   | 10814    | 3.511 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 12.178 | 152  | 1975     | 0.211 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.210 | 212  | 3759     | 0.145 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 15) Phenanthrene            | 17.217 | 178  | 811      | 0.028 | ng/ul# | 83       |
| 19) Fluoranthene            | 19.238 | 202  | 1595     | 0.045 | ng/ul# | 74       |
| 20) Pyrene                  | 19.601 | 202  | 1365m    | 0.037 | ng/ul  |          |
| 22) Chrysene                | 21.403 | 228  | 845      | 0.025 | ng/ul# | 50       |
| -----                       |        |      |          |       |        |          |

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

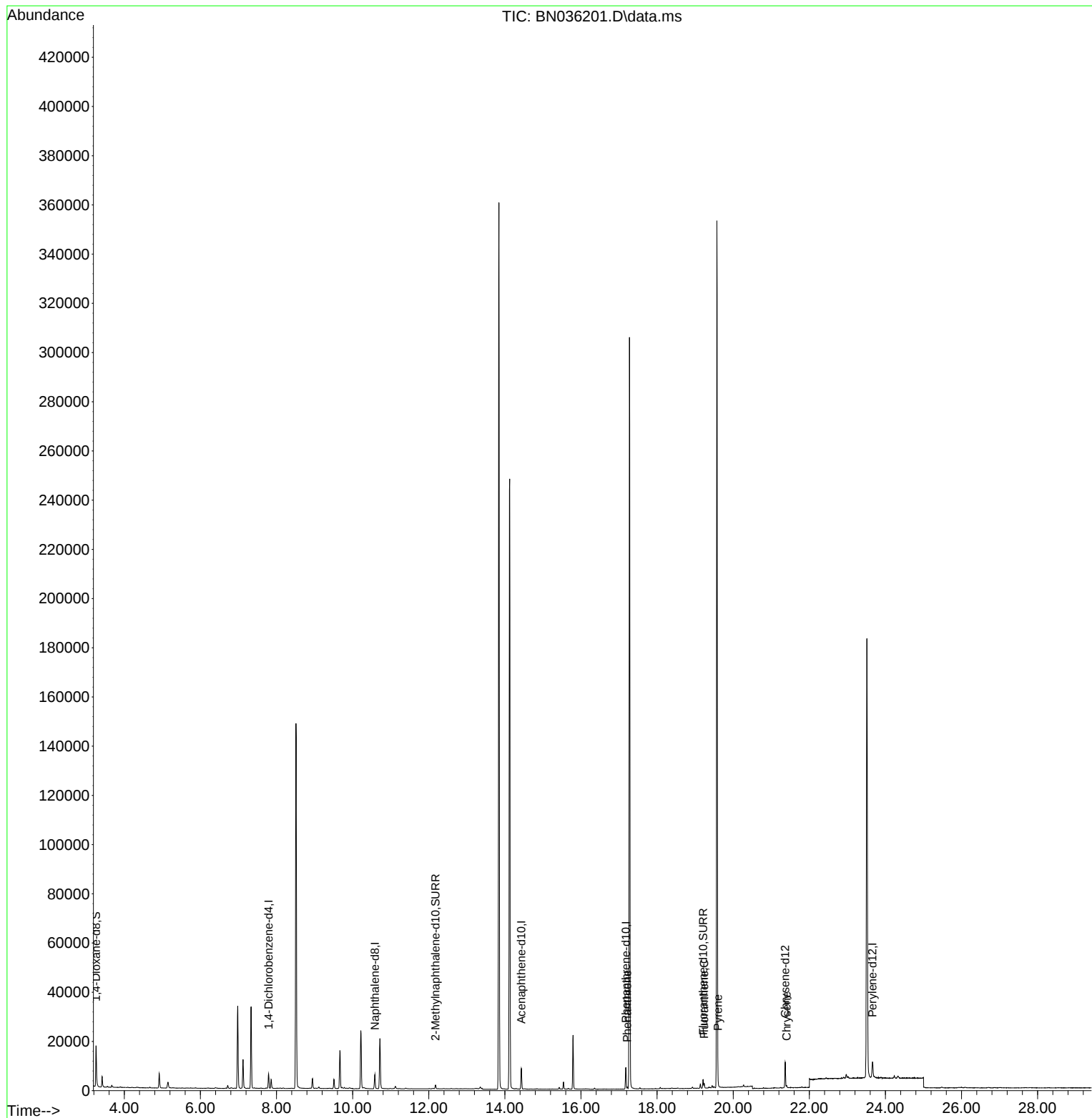
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013125\  
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ALS Vial : 33 Sample Multiplier: 1

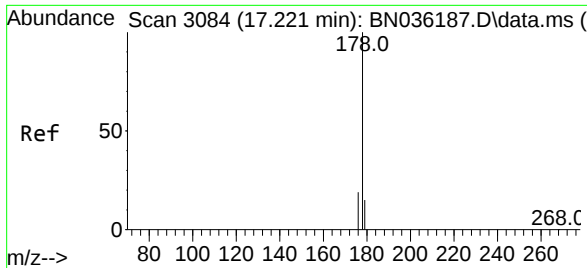
Instrument :  
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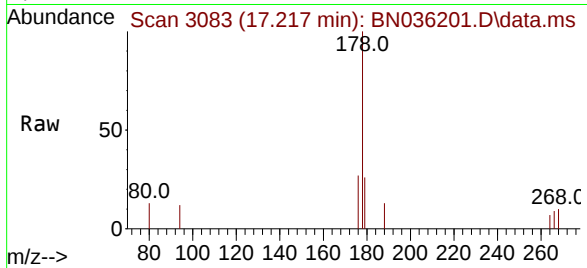
Quant Time: Feb 03 12:05:13 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN012125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jan 21 23:52:22 2025  
Response via : Initial Calibration





#15  
Phenanthrene  
Concen: 0.028 ng/ul  
RT: 17.217 min Scan# 3083  
Delta R.T. -0.017 min  
Lab File: BN036201.D  
Acq: 01 Feb 2025 11:41

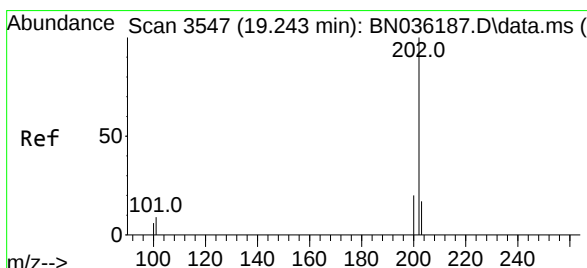
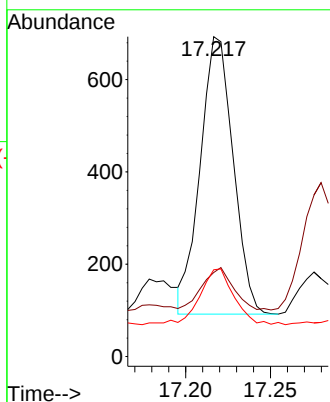
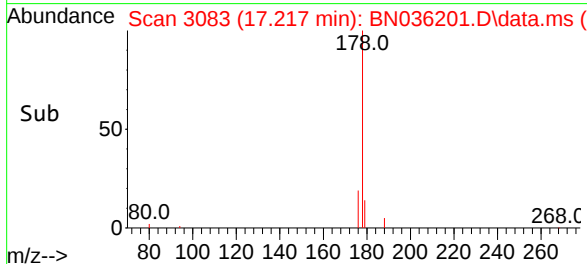
Instrument :  
BNA\_N  
ClientSampleId :  
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Tgt Ion:178 Resp: 811  
Ion Ratio Lower Upper  
178 100  
179 26.3 13.2 19.8#  
176 27.1 16.8 25.2#

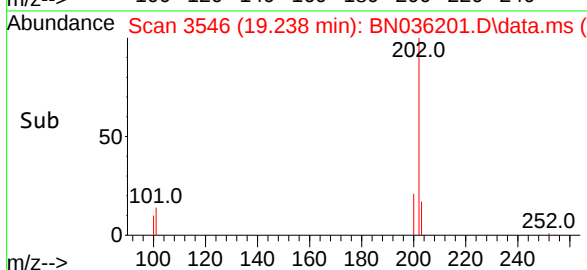
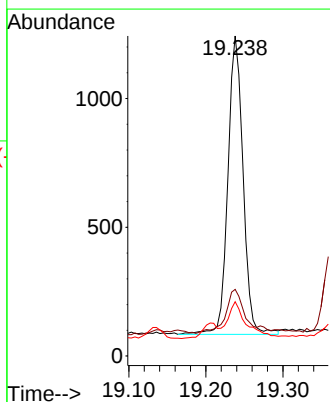
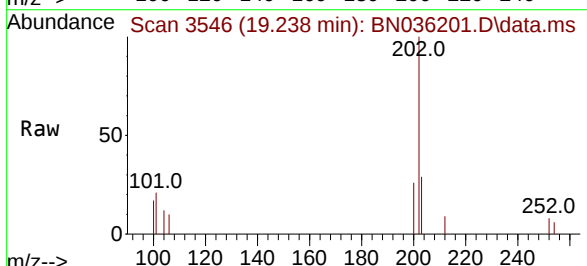
Manual Integrations  
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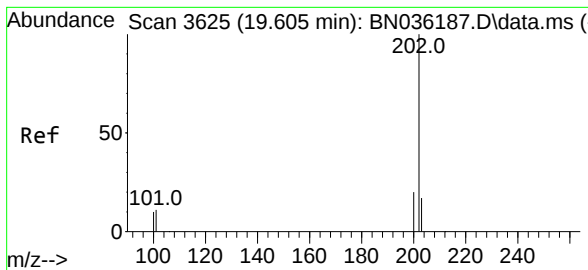
Reviewed By :Jagrut Upadhyay 02/03/2025  
Supervised By :mohammad ahmed 02/04/2025



#19  
Fluoranthene  
Concen: 0.045 ng/ul  
RT: 19.238 min Scan# 3546  
Delta R.T. -0.009 min  
Lab File: BN036201.D  
Acq: 01 Feb 2025 11:41

Tgt Ion:202 Resp: 1595  
Ion Ratio Lower Upper  
202 100  
101 20.8 8.4 12.6#  
100 17.0 6.5 9.7#





#20

Pyrene

Concen: 0.037 ng/ul m

RT: 19.601 min Scan# 3625

Delta R.T. -0.009 min

Lab File: BN036201.D

Acq: 01 Feb 2025 11:41

Instrument :

BNA\_N

ClientSampleId :

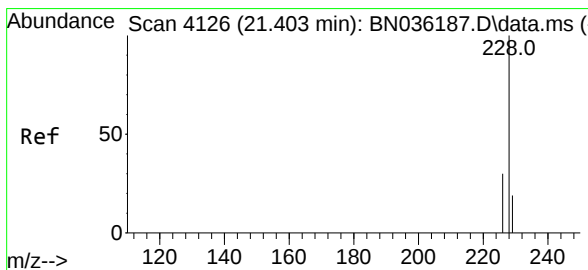
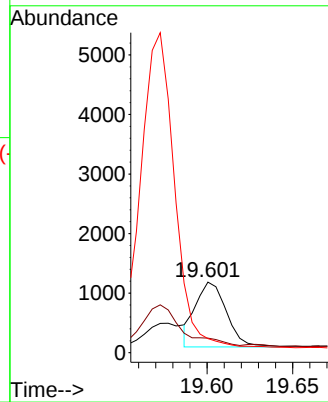
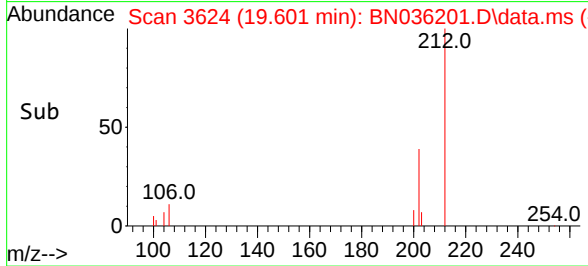
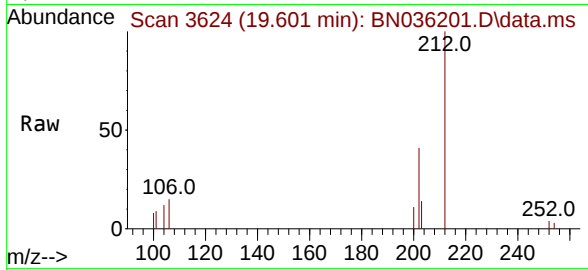
A6324

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 202   | Resp: | 136  |
| Ion Ratio | Lower | Upper |      |
| 202       | 100   |       |      |
| 101       | 20.7  | 9.3   | 13.9 |
| 100       | 20.1  | 7.5   | 11.3 |

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#22

Chrysene

Concen: 0.025 ng/ul

RT: 21.403 min Scan# 4126

Delta R.T. -0.003 min

Lab File: BN036201.D

Acq: 01 Feb 2025 11:41

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 845  |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 46.0  | 24.4  | 36.6 |
| 229       | 58.0  | 15.9  | 23.9 |

