

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081422\  
 Data File : BF129769.D  
 Acq On : 14 Aug 2022 18:49  
 Operator : CG\JU  
 Sample : PB146938BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB146938BL

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081422.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129769.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 5.469       | 537           | 541         | 556          | rBV      | 3949685        | 4030798       | 68.37%          | 12.122%       |
| 2         | 6.481       | 708           | 713         | 732          | rBV      | 3986371        | 4052545       | 68.73%          | 12.187%       |
| 3         | 6.822       | 767           | 771         | 774          | rBV      | 1098425        | 920427        | 15.61%          | 2.768%        |
| 4         | 7.387       | 862           | 867         | 871          | rBV      | 2316357        | 2669099       | 45.27%          | 8.027%        |
| 5         | 8.104       | 984           | 989         | 992          | rBV      | 1331367        | 1258341       | 21.34%          | 3.784%        |
| 6         | 9.181       | 1166          | 1172        | 1175         | rBV      | 5205417        | 5233160       | 88.76%          | 15.738%       |
| 7         | 9.857       | 1282          | 1287        | 1291         | rBV      | 1643558        | 1491073       | 25.29%          | 4.484%        |
| 8         | 10.657      | 1418          | 1423        | 1426         | rBV      | 3744335        | 3327749       | 56.44%          | 10.008%       |
| 9         | 11.351      | 1537          | 1541        | 1544         | rBV      | 1866451        | 1551250       | 26.31%          | 4.665%        |
| 10        | 12.939      | 1806          | 1811        | 1814         | rBV      | 5973991        | 5895901       | 100.00%         | 17.731%       |
| 11        | 13.998      | 1987          | 1991        | 1995         | rBV      | 1558671        | 1385037       | 23.49%          | 4.165%        |
| 12        | 15.468      | 2234          | 2241        | 2251         | rVB      | 850123         | 1123114       | 19.05%          | 3.378%        |
| 13        | 16.368      | 2389          | 2394        | 2401         | rVB3     | 36005          | 66768         | 1.13%           | 0.201%        |
| 14        | 16.933      | 2482          | 2490        | 2501         | rVB5     | 67601          | 246700        | 4.18%           | 0.742%        |

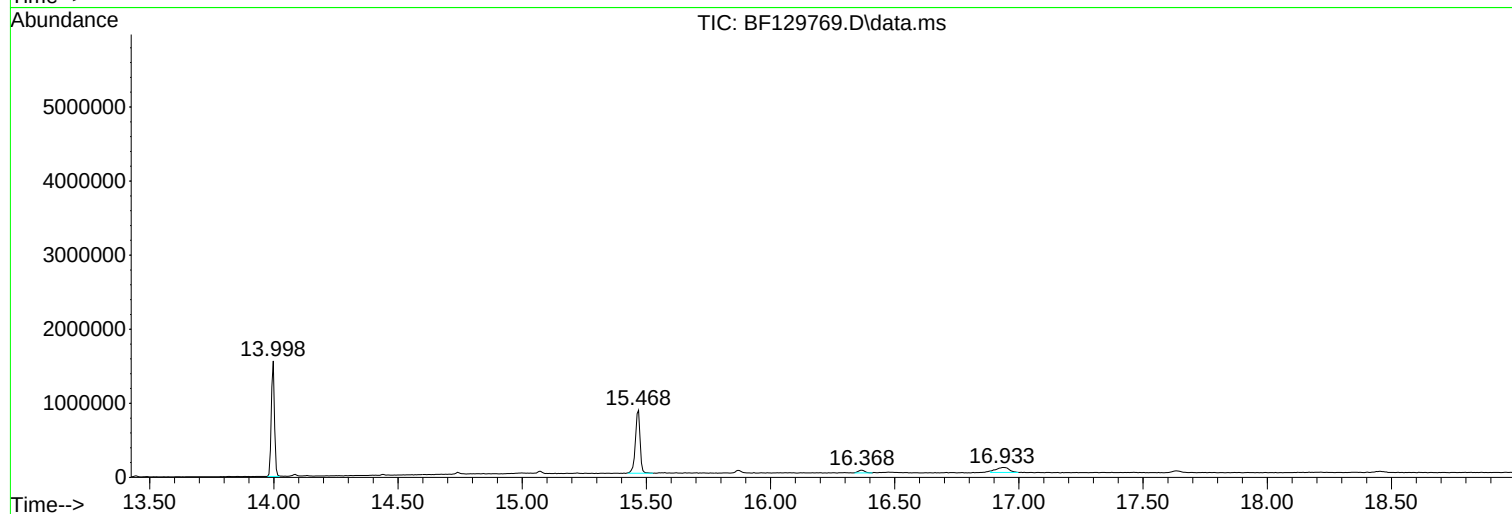
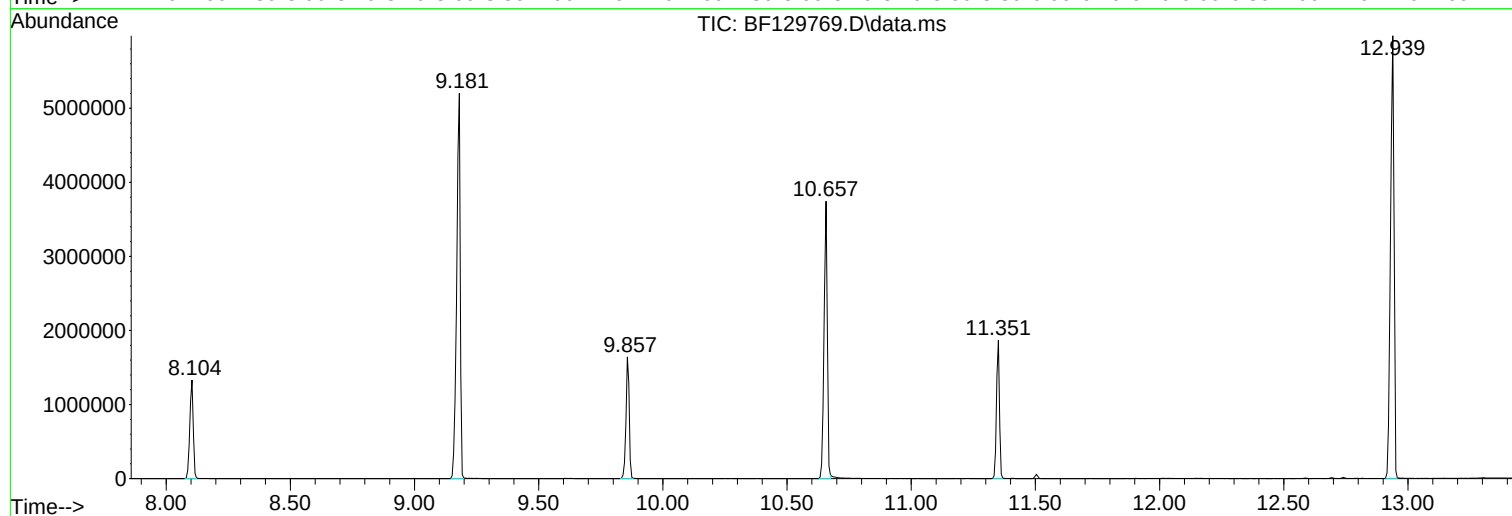
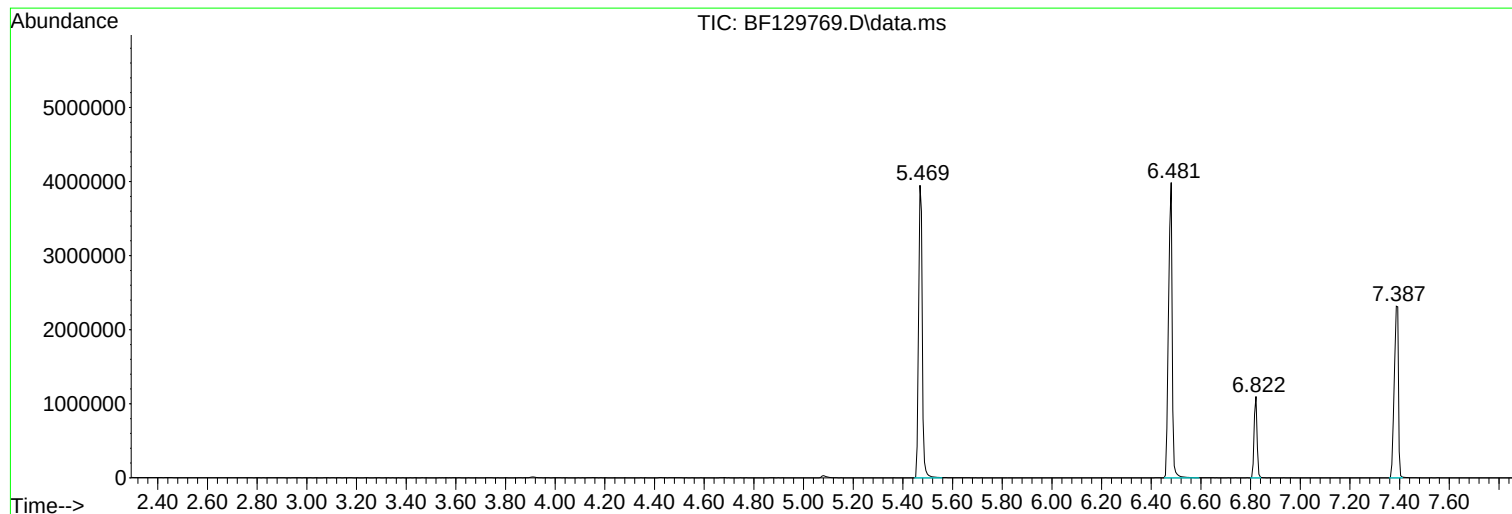
Sum of corrected areas: 33251962

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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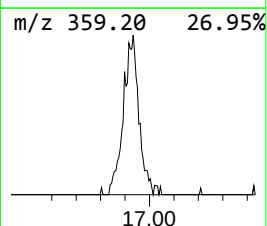
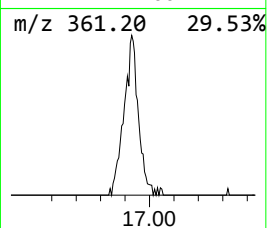
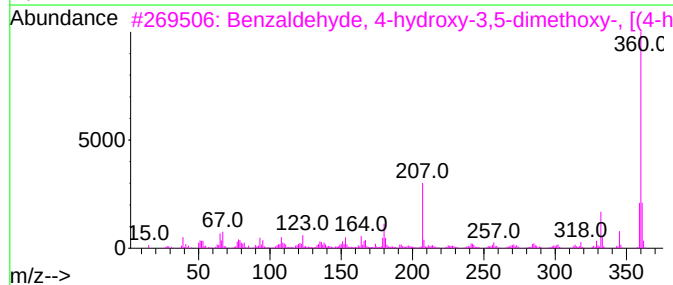
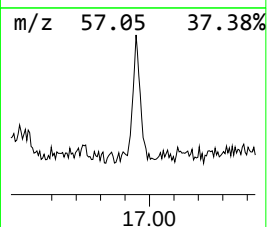
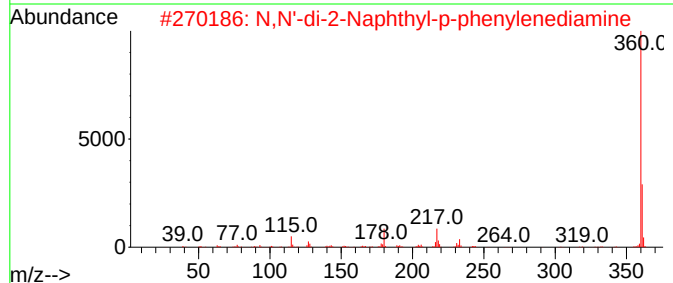
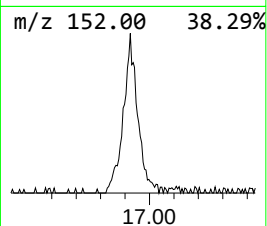
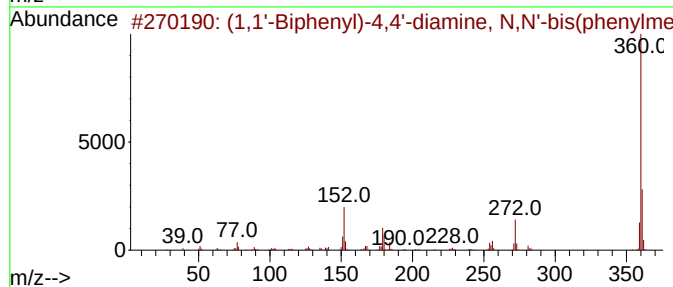
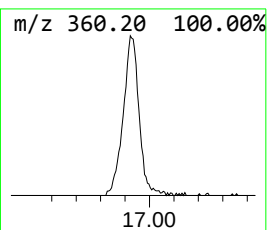
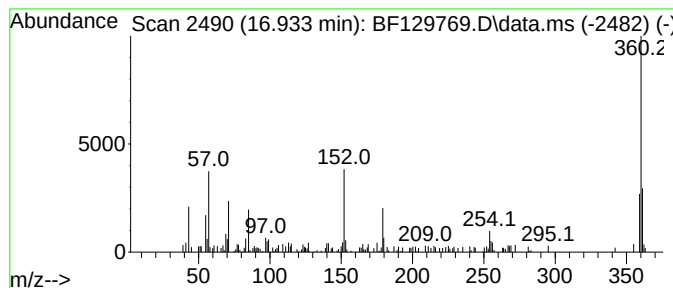
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown16.933 Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.933 | 4.39 ng | 246700 | Perylene-d12     | 15.468 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | (1,1'-Biphenyl)-4,4'-diamine, N,... | 360 | C26H20N2   | 006311-48-4 | 49   |
| 2    |    |   | N,N'-di-2-Naphthyl-p-phenylenedi... | 360 | C26H20N2   | 000093-46-9 | 41   |
| 3    |    |   | Benzaldehyde, 4-hydroxy-3,5-dime... | 360 | C18H20N2O6 | 014414-32-5 | 38   |
| 4    |    |   | 1,10-Phenanthroline, 2,9-dimethy... | 360 | C26H20N2   | 004733-39-5 | 38   |
| 5    |    |   | Benzo[1,2-b:4,3-b']dipyrrole-1,8... | 360 | C18H20N2O6 | 174832-71-4 | 30   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                  |        |         |       |          | #                     | RT     | Resp    | Conc |
| unknown16.933    | 16.933 | 4.4     | ng    | 246700   | 6                     | 15.468 | 1123110 | 20.0 |