

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020322\  
 Data File : BF126789.D  
 Acq On : 03 Feb 2022 10:00  
 Operator : CG/JU  
 Sample : PB142428BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB142428BL

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-BF020222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126789.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         | 5.575       | 588           | 593         | 596          | rBV      | 4197155        | 4735659       | 84.47%          | 13.538%       |
| 2         | 6.569       | 755           | 762         | 765          | rBV      | 4058096        | 4849098       | 86.50%          | 13.862%       |
| 3         | 6.945       | 822           | 826         | 830          | rBB      | 1212392        | 973295        | 17.36%          | 2.782%        |
| 4         | 7.510       | 916           | 922         | 925          | rBV      | 2903087        | 3282914       | 58.56%          | 9.385%        |
| 5         | 8.228       | 1039          | 1044        | 1048         | rBV      | 1366923        | 1296539       | 23.13%          | 3.707%        |
| 6         | 9.304       | 1221          | 1227        | 1231         | rBV      | 4697486        | 5165833       | 92.15%          | 14.768%       |
| 7         | 9.986       | 1338          | 1343        | 1347         | rBV      | 1809859        | 1524828       | 27.20%          | 4.359%        |
| 8         | 10.780      | 1471          | 1478        | 1481         | rBV      | 3413843        | 3317565       | 59.18%          | 9.484%        |
| 9         | 11.480      | 1593          | 1597        | 1600         | rBV      | 1885235        | 1570124       | 28.01%          | 4.489%        |
| 10        | 13.074      | 1862          | 1868        | 1871         | rBV      | 5481599        | 5606067       | 100.00%         | 16.026%       |
| 11        | 14.127      | 2043          | 2047        | 2057         | rVB      | 1473846        | 1278973       | 22.81%          | 3.656%        |
| 12        | 15.639      | 2299          | 2304        | 2315         | rVB      | 706967         | 971273        | 17.33%          | 2.777%        |
| 13        | 16.127      | 2381          | 2387        | 2393         | rVB      | 54244          | 85073         | 1.52%           | 0.243%        |
| 14        | 16.662      | 2472          | 2478        | 2485         | rBV3     | 45311          | 82845         | 1.48%           | 0.237%        |
| 15        | 17.298      | 2579          | 2586        | 2596         | rBV3     | 32819          | 76953         | 1.37%           | 0.220%        |
| 16        | 17.674      | 2638          | 2650        | 2653         | rBV5     | 29601          | 97497         | 1.74%           | 0.279%        |
| 17        | 18.056      | 2705          | 2715        | 2723         | rBV4     | 25554          | 65557         | 1.17%           | 0.187%        |

Sum of corrected areas: 34980093



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

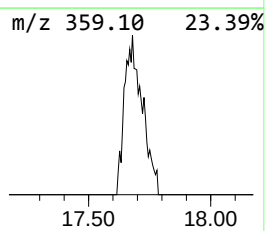
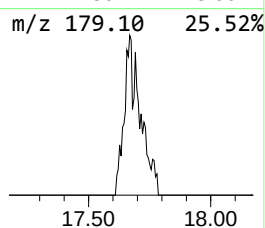
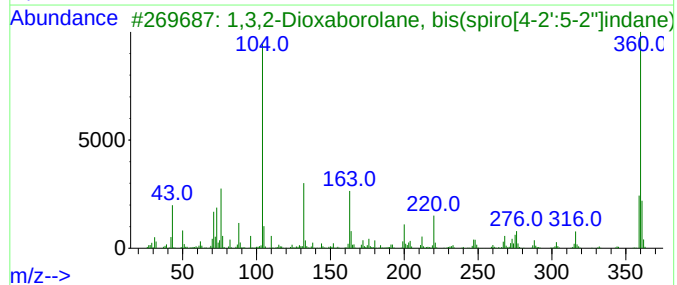
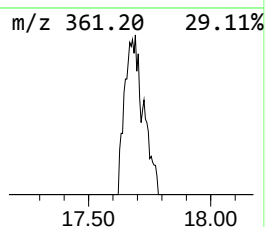
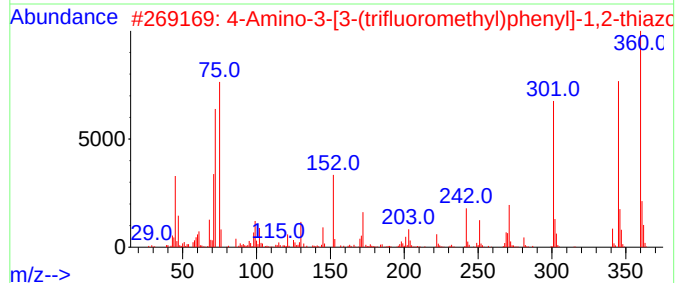
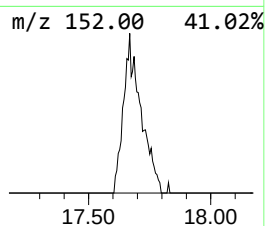
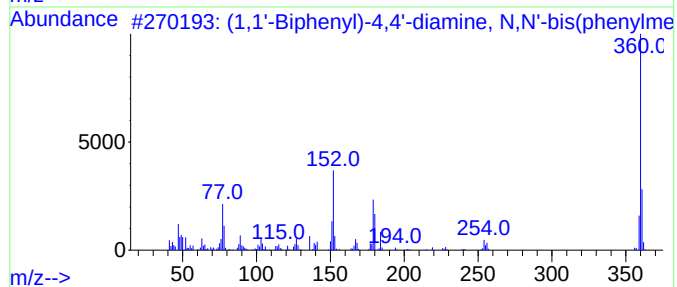
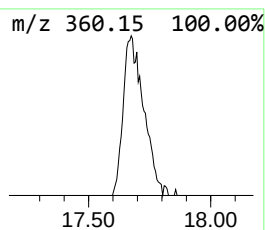
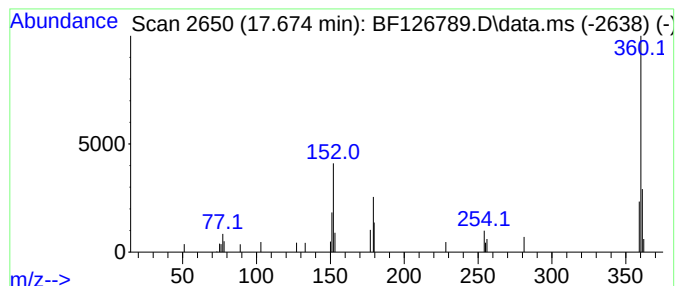
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 1

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 17.674 | 2.01 ng | 97497 | Perylene-d12     | 15.639 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm         | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------------|--------------|------|
| 1    |    |   | (1,1'-Biphenyl)-4,4'-diamine, N,... | 360 | C26H20N2        | 006311-48-4  | 93   |
| 2    |    |   | 4-Amino-3-[3-(trifluoromethyl)ph... | 360 | C14H15F3N2O2SSi | 1010500-98-0 | 49   |
| 3    |    |   | 1,3,2-Dioxaborolane, bis(spiro[4... | 360 | C20H13B06       | 1000150-23-7 | 38   |
| 4    |    |   | Benzaldehyde, 4-hydroxy-3,5-dime... | 360 | C18H20N2O6      | 014414-32-5  | 38   |
| 5    |    |   | 1,10-Phenanthroline, 2,9-dimethy... | 360 | C26H20N2        | 004733-39-5  | 38   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| (1,1'-Biphenyl)... | 17.674 | 2.0     | ng    | 97497    | 6                     | 15.639 | 971273 | 20.0 |