

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030722\  
 Data File : BG052592.D  
 Acq On : 7 Mar 2022 16:02  
 Operator : CG/JU  
 Sample : PB143083BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB143083BL

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\_G\Methods\8270-BG030722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052592.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         | 5.756       | 379           | 386         | 399          | rBV      | 522978         | 853737        | 28.92%          | 8.133%        |
| 2         | 7.377       | 654           | 662         | 672          | rBV      | 526336         | 892354        | 30.22%          | 8.501%        |
| 3         | 8.229       | 799           | 807         | 814          | rBV      | 98018          | 162186        | 5.49%           | 1.545%        |
| 4         | 9.398       | 998           | 1006        | 1016         | rBV      | 318703         | 588043        | 19.92%          | 5.602%        |
| 5         | 11.066      | 1281          | 1290        | 1300         | rBV      | 130636         | 230326        | 7.80%           | 2.194%        |
| 6         | 13.492      | 1696          | 1703        | 1715         | rBV      | 932373         | 1409155       | 47.73%          | 13.424%       |
| 7         | 14.873      | 1931          | 1938        | 1946         | rBV      | 203540         | 330455        | 11.19%          | 3.148%        |
| 8         | 16.359      | 2184          | 2191        | 2210         | rBV      | 614583         | 1054003       | 35.70%          | 10.041%       |
| 9         | 17.616      | 2399          | 2405        | 2419         | rBV      | 293407         | 468714        | 15.88%          | 4.465%        |
| 10        | 20.148      | 2819          | 2836        | 2841         | rBV5     | 37569          | 165276        | 5.60%           | 1.574%        |
| 11        | 20.213      | 2841          | 2847        | 2854         | rVB      | 2260914        | 2952525       | 100.00%         | 28.126%       |
| 12        | 21.934      | 3133          | 3140        | 3148         | rBV      | 337208         | 586303        | 19.86%          | 5.585%        |
| 13        | 24.372      | 3551          | 3555        | 3563         | rVB3     | 18274          | 37877         | 1.28%           | 0.361%        |
| 14        | 25.406      | 3718          | 3731        | 3744         | rBV2     | 210200         | 650563        | 22.03%          | 6.197%        |
| 15        | 26.645      | 3933          | 3942        | 3950         | rVB8     | 18396          | 57666         | 1.95%           | 0.549%        |
| 16        | 28.125      | 4186          | 4194        | 4205         | rVB7     | 16370          | 58141         | 1.97%           | 0.554%        |

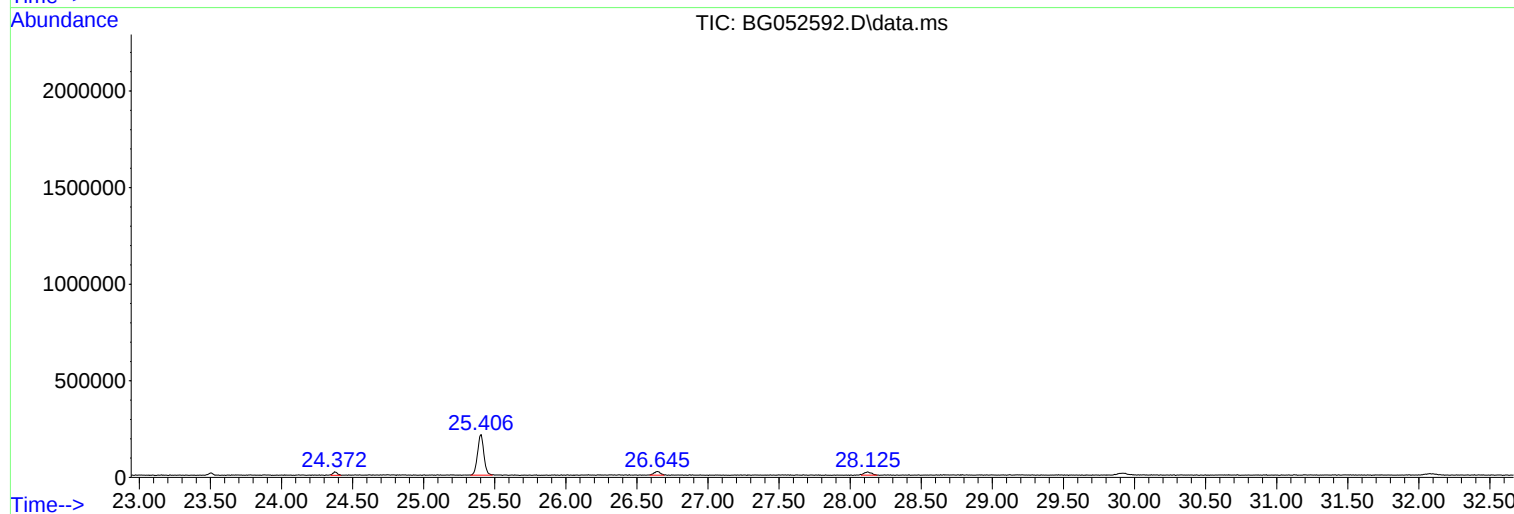
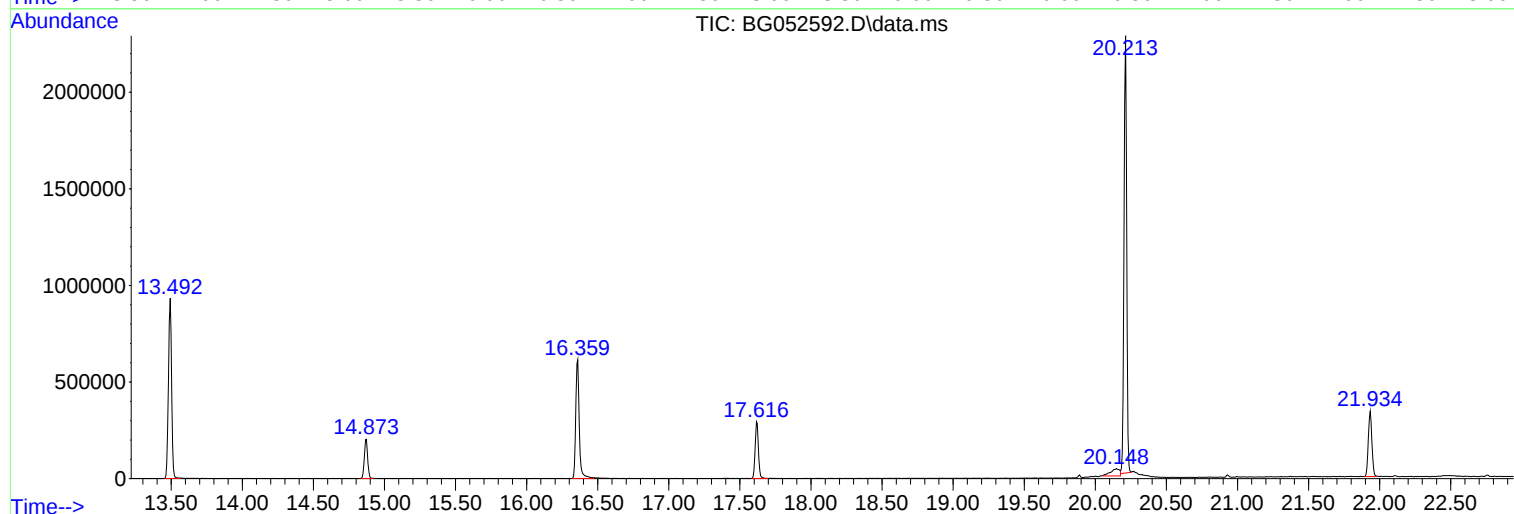
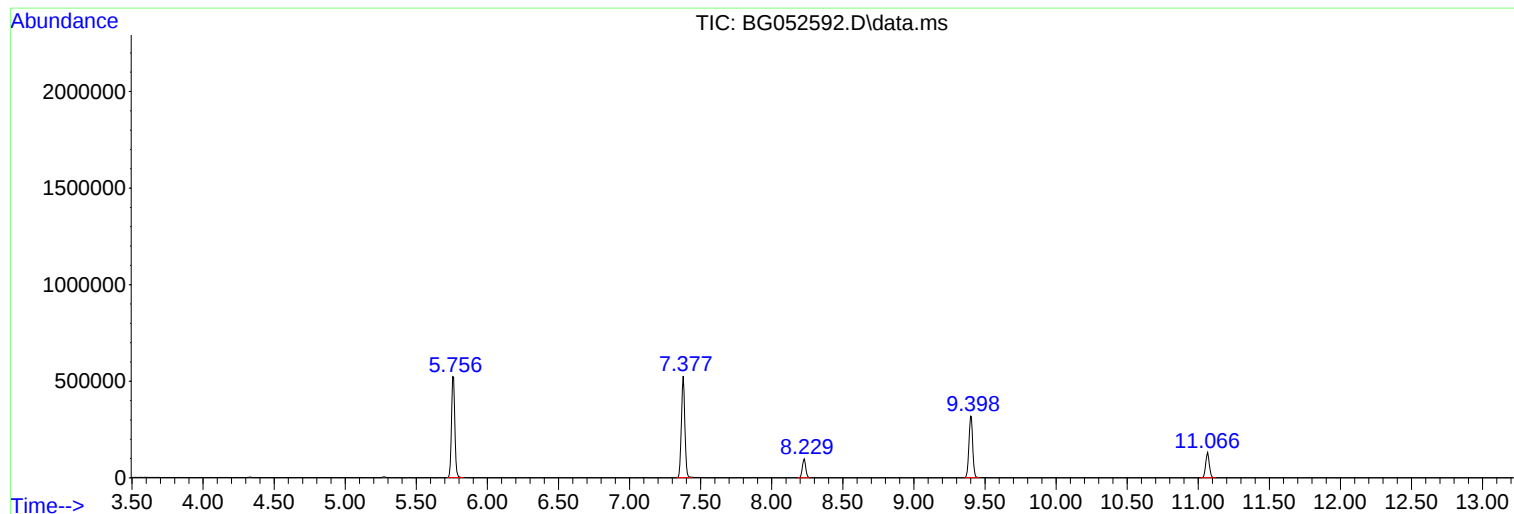
Sum of corrected areas: 10497324

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030722.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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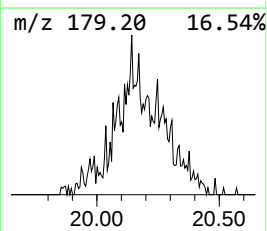
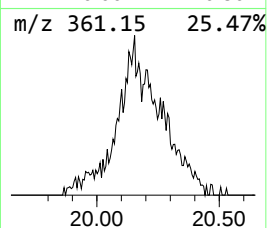
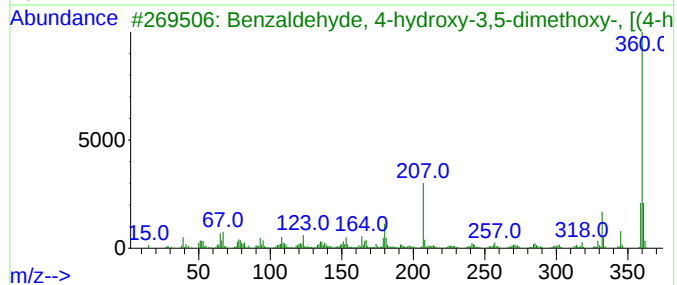
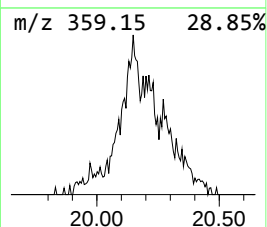
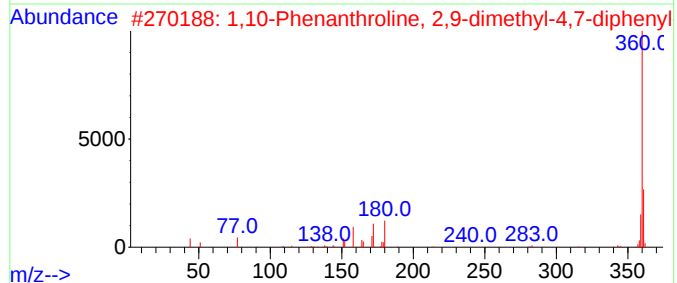
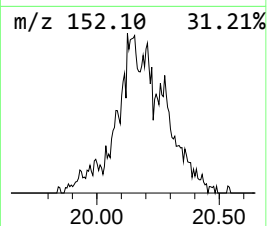
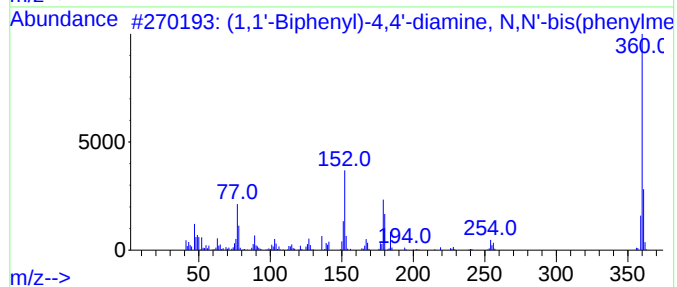
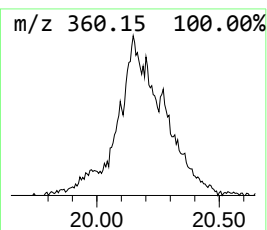
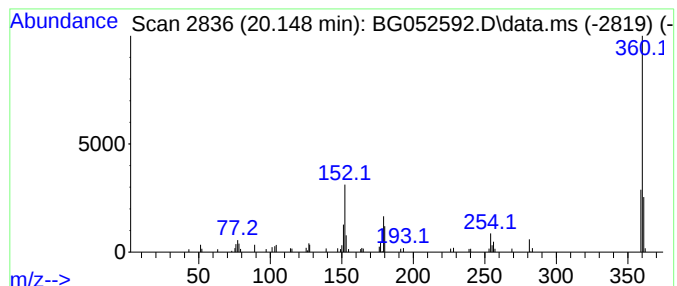
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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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.   |
|--------|---------|--------|------------------|--------|
| 20.148 | 5.64 ng | 165276 | Chrysene-d12     | 21.934 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|--------------|--------------|------|
| 1    |    |   | (1,1'-Biphenyl)-4,4'-diamine, N,... | 360 | C26H20N2     | 006311-48-4  | 90   |
| 2    |    |   | 1,10-Phenanthroline, 2,9-dimethy... | 360 | C26H20N2     | 004733-39-5  | 53   |
| 3    |    |   | Benzaldehyde, 4-hydroxy-3,5-dime... | 360 | C18H20N2O6   | 014414-32-5  | 53   |
| 4    |    |   | 7,7-Diiodo-2,4,6-triphenyl-2,6-d... | 606 | C23H16I2N2O2 | 1000210-89-0 | 25   |
| 5    |    |   | Pentacyclo[18.4.1.1(2,7).1(8,13)... | 360 | C28H24       | 101077-60-5  | 9    |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| (1,1'-Biphenyl)... | 20.148 | 5.6     | ng    | 165276   | 5                     | 21.934 | 586303 | 20.0 |