

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042222\  
 Data File : BF127866.D  
 Acq On : 22 Apr 2022 22:55  
 Operator : CG\JU  
 Sample : PB144313BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB144313BL

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-BF042222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127866.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         | 2.322       | 3             | 6           | 12           | rVB      | 47549          | 59496         | 1.12%           | 0.180%        |
| 2         | 5.569       | 553           | 558         | 561          | rBV      | 4002567        | 4139422       | 78.14%          | 12.513%       |
| 3         | 6.563       | 721           | 727         | 730          | rBV      | 3709510        | 4230842       | 79.87%          | 12.790%       |
| 4         | 6.940       | 787           | 791         | 794          | rBV      | 1237028        | 987074        | 18.63%          | 2.984%        |
| 5         | 7.504       | 881           | 887         | 890          | rBV      | 2846593        | 2937865       | 55.46%          | 8.881%        |
| 6         | 8.222       | 1004          | 1009        | 1013         | rBV      | 1447016        | 1301701       | 24.57%          | 3.935%        |
| 7         | 9.298       | 1186          | 1192        | 1195         | rBV      | 4922553        | 5025021       | 94.86%          | 15.190%       |
| 8         | 9.981       | 1303          | 1308        | 1325         | rBV      | 1775492        | 1526735       | 28.82%          | 4.615%        |
| 9         | 10.775      | 1438          | 1443        | 1446         | rBV      | 3228032        | 3065417       | 57.87%          | 9.267%        |
| 10        | 11.475      | 1558          | 1562        | 1565         | rBV      | 1772549        | 1582029       | 29.87%          | 4.782%        |
| 11        | 13.063      | 1827          | 1832        | 1835         | rBV      | 5032874        | 5297182       | 100.00%         | 16.013%       |
| 12        | 14.116      | 2007          | 2011        | 2021         | rBV      | 1495221        | 1361600       | 25.70%          | 4.116%        |
| 13        | 14.216      | 2023          | 2028        | 2033         | rBV      | 52193          | 70518         | 1.33%           | 0.213%        |
| 14        | 15.627      | 2263          | 2268        | 2279         | rBV      | 763434         | 1089548       | 20.57%          | 3.294%        |
| 15        | 17.621      | 2594          | 2607        | 2622         | rVB3     | 88427          | 405998        | 7.66%           | 1.227%        |

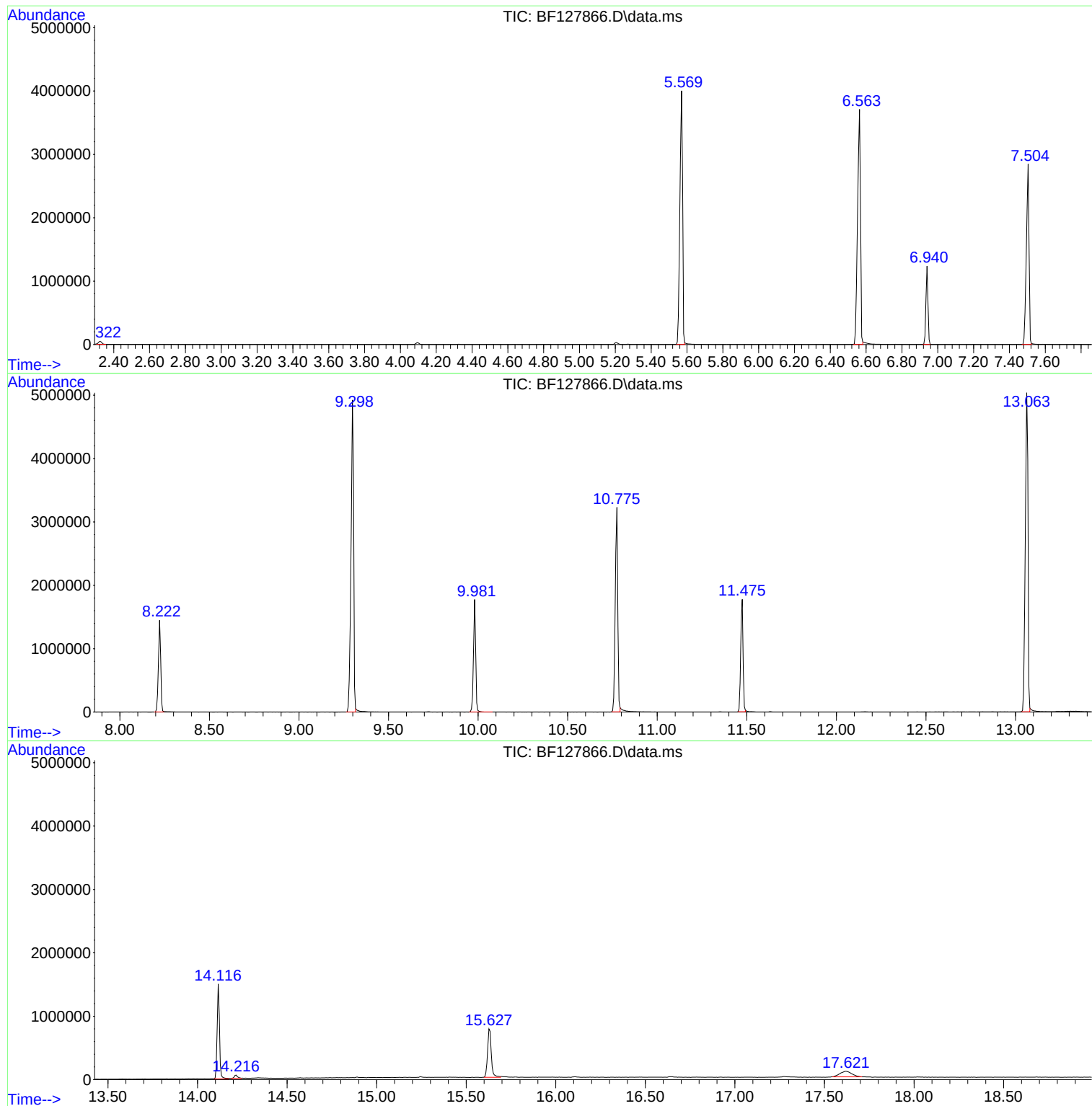
Sum of corrected areas: 33080448

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.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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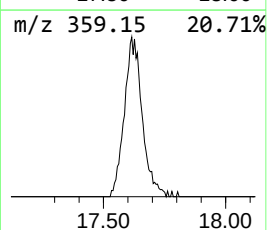
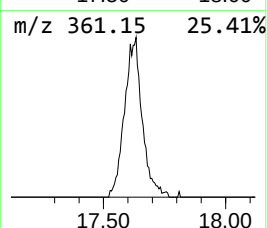
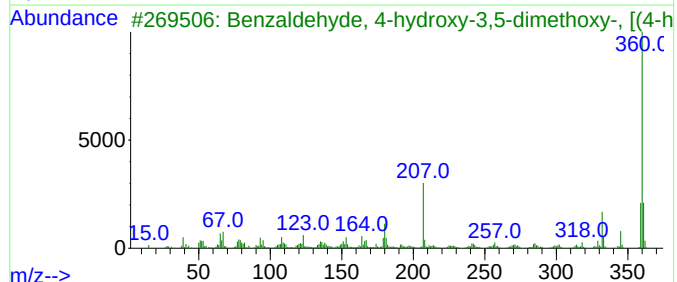
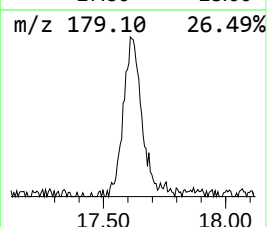
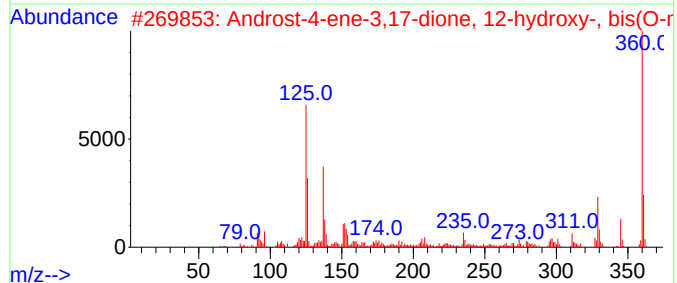
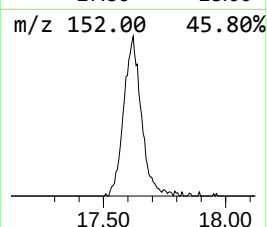
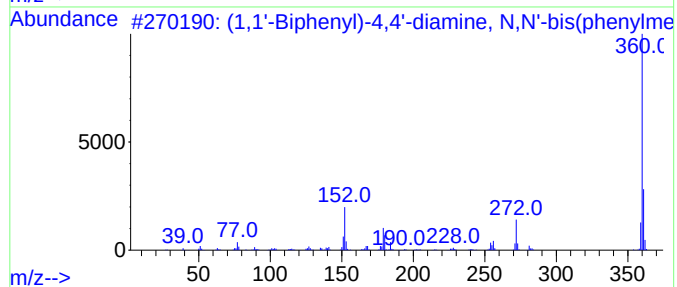
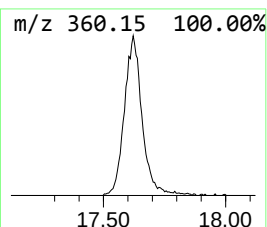
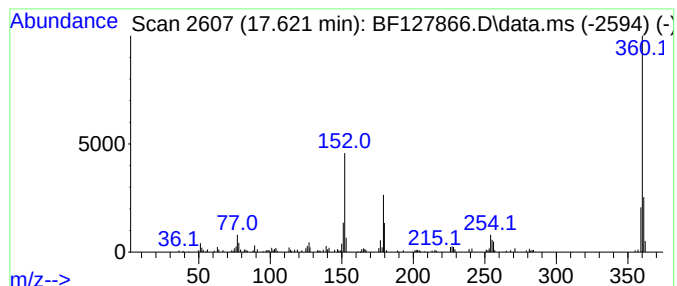
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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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.       |              |      |
|--------|---------|---------------------------------------------------------------------|------------------|------------|--------------|------|
| 17.621 | 7.45 ng | 405998                                                              | Perylene-d12     | 15.627     |              |      |
| Hit#   | of 5    | Tentative ID                                                        | MW               | MolForm    | CAS#         | Qual |
| 1      |         | (1,1'-Biphenyl)-4,4'-diamine, N,N'-di-2-Naphthyl-p-phenylenediamine | 360              | C26H20N2   | 006311-48-4  | 87   |
| 2      |         | Androst-4-ene-3,17-dione, 12-hydroxy-3,5-dimethoxy-                 | 360              | C21H32N2O3 | 069688-31-9  | 47   |
| 3      |         | Benzaldehyde, 4-hydroxy-3,5-dimethoxy-                              | 360              | C18H20N2O6 | 014414-32-5  | 47   |
| 4      |         | N,N'-di-2-Naphthyl-p-phenylenediamine                               | 360              | C26H20N2   | 000093-46-9  | 46   |
| 5      |         | Ethene, 1-(anthracen-9-yl)-2-(4-hydroxy-3,5-dimethoxybenzyl)-       | 360              | C27H20O    | 1000163-55-1 | 43   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| (1,1'-Biphenyl)... | 17.621 | 7.5     | ng    | 405998   | 6                     | 15.627 | 1089550 | 20.0 |