

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF031622\  
 Data File : BF127348.D  
 Acq On : 16 Mar 2022 13:26  
 Operator : CG\JU  
 Sample : PB143388BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB143388BL

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-BF031022.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127348.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         | 5.510       | 543           | 548         | 551          | rBV      | 3008275        | 3122225       | 69.83%          | 12.363%       |
| 2         | 6.504       | 711           | 717         | 720          | rBV      | 2628677        | 3304044       | 73.90%          | 13.083%       |
| 3         | 6.863       | 774           | 778         | 782          | rBV      | 714258         | 600279        | 13.43%          | 2.377%        |
| 4         | 7.434       | 869           | 875         | 878          | rBV      | 1830554        | 2310070       | 51.67%          | 9.147%        |
| 5         | 8.145       | 991           | 996         | 1000         | rBV      | 751974         | 813729        | 18.20%          | 3.222%        |
| 6         | 9.228       | 1173          | 1180        | 1183         | rBV      | 3590538        | 4122439       | 92.20%          | 16.324%       |
| 7         | 9.904       | 1289          | 1295        | 1299         | rBV      | 901017         | 912435        | 20.41%          | 3.613%        |
| 8         | 10.704      | 1424          | 1431        | 1434         | rBV      | 2526514        | 2592900       | 57.99%          | 10.267%       |
| 9         | 11.398      | 1542          | 1549        | 1553         | rBV      | 1156010        | 1009350       | 22.57%          | 3.997%        |
| 10        | 12.992      | 1814          | 1820        | 1823         | rBV      | 4261005        | 4471231       | 100.00%         | 17.705%       |
| 11        | 14.045      | 1995          | 1999        | 2010         | rBV      | 1036705        | 887686        | 19.85%          | 3.515%        |
| 12        | 15.139      | 2181          | 2185        | 2189         | rBV      | 42835          | 46615         | 1.04%           | 0.185%        |
| 13        | 15.533      | 2246          | 2252        | 2264         | rBV      | 605934         | 824466        | 18.44%          | 3.265%        |
| 14        | 15.962      | 2320          | 2325        | 2331         | rBV      | 42277          | 64869         | 1.45%           | 0.257%        |
| 15        | 16.474      | 2407          | 2412        | 2419         | rBV2     | 36837          | 64913         | 1.45%           | 0.257%        |
| 16        | 17.251      | 2531          | 2544        | 2555         | rVB4     | 27596          | 107259        | 2.40%           | 0.425%        |

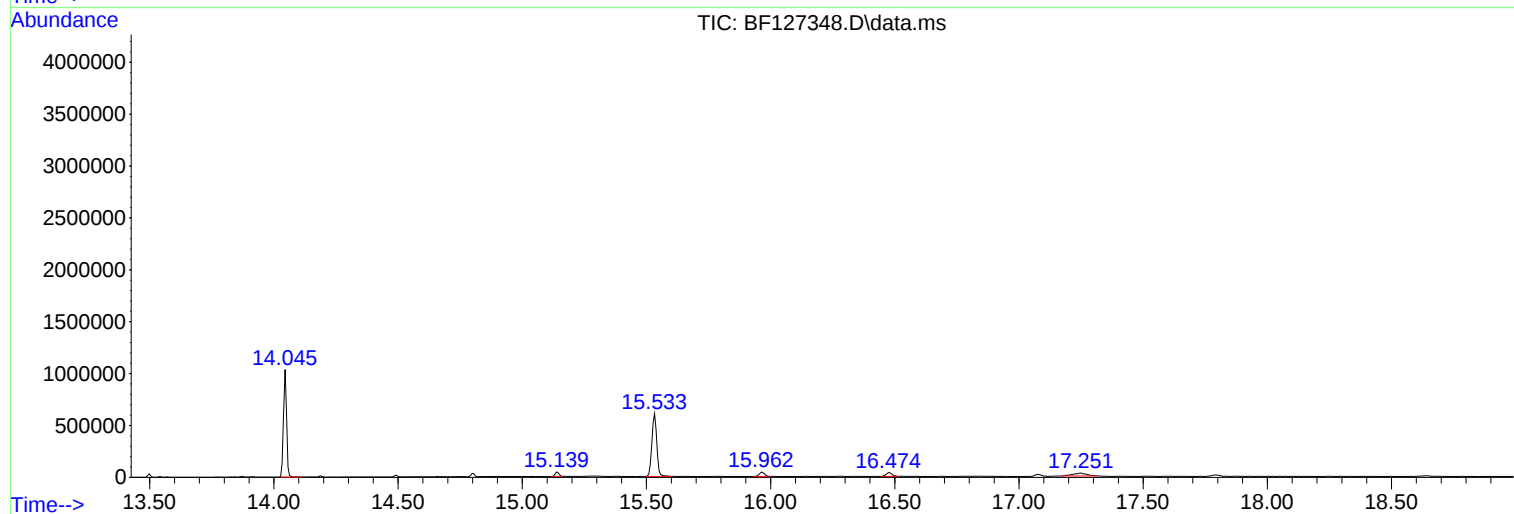
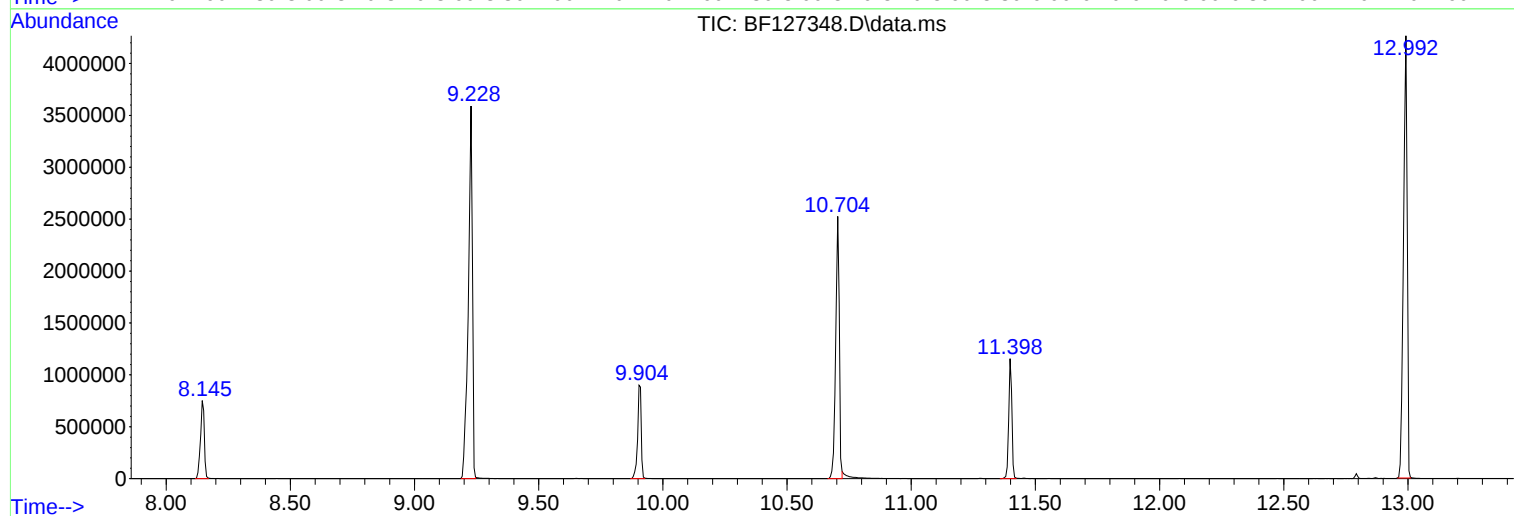
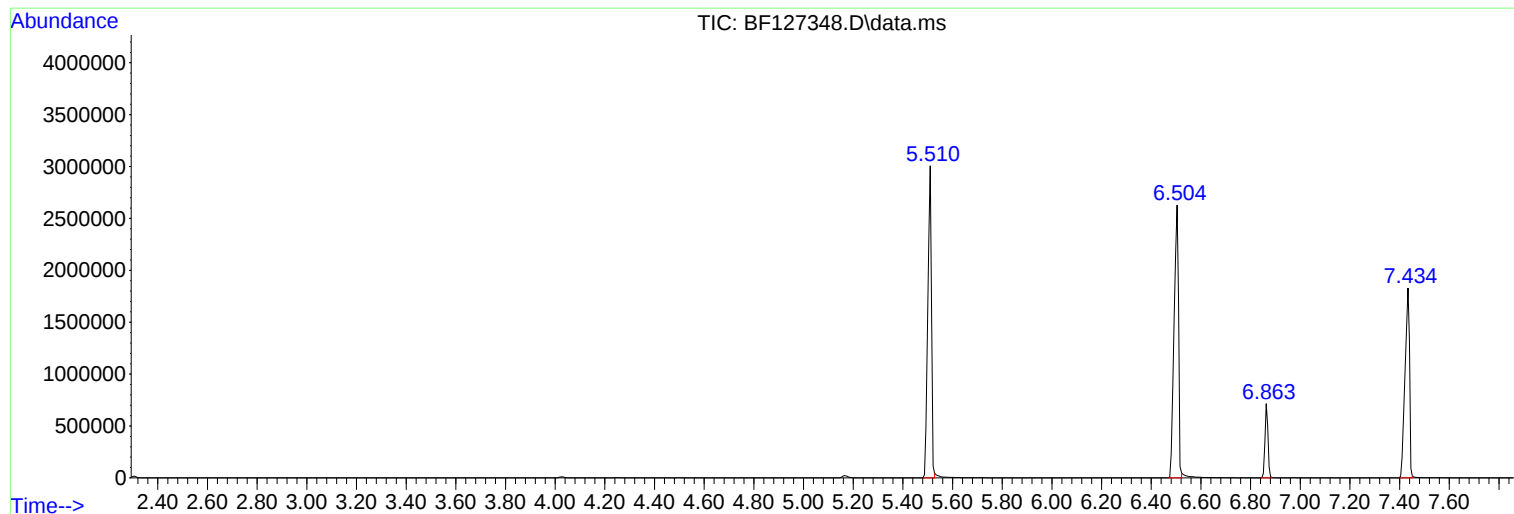
Sum of corrected areas: 25254510

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.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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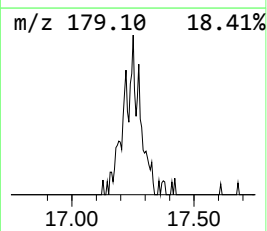
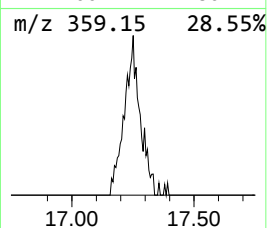
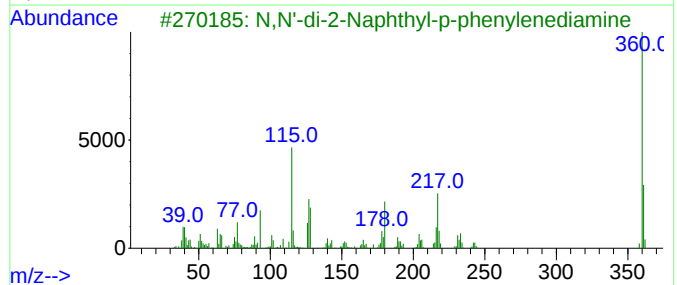
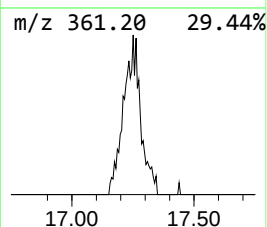
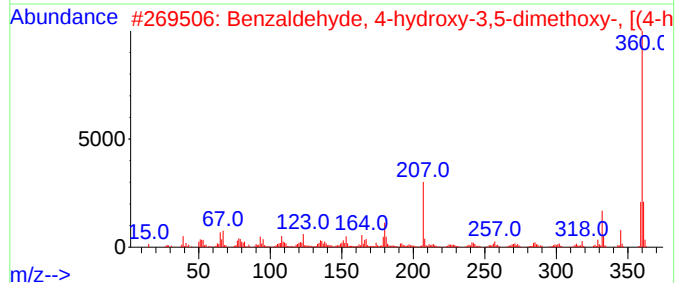
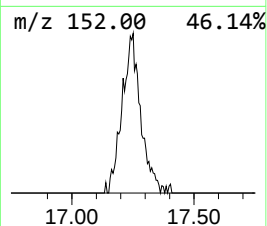
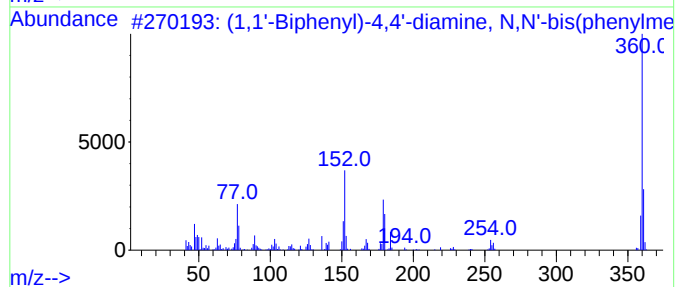
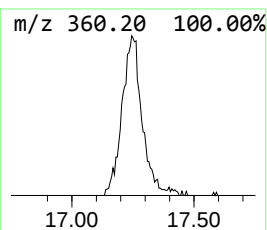
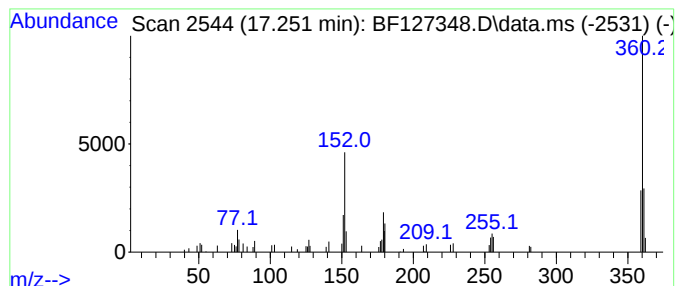
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF031022.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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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.   |
|--------|---------|--------|------------------|--------|
| 17.250 | 2.60 ng | 107259 | Perylene-d12     | 15.533 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | (1,1'-Biphenyl)-4,4'-diamine, N,... | 360 | C26H20N2   | 006311-48-4  | 93   |
| 2    |    |   | Benzaldehyde, 4-hydroxy-3,5-dime... | 360 | C18H20N2O6 | 014414-32-5  | 47   |
| 3    |    |   | N,N'-di-2-Naphthyl-p-phenylenedi... | 360 | C26H20N2   | 000093-46-9  | 43   |
| 4    |    |   | 1,3,2-Dioxaborolane, bis(spiro[4... | 360 | C20H13B06  | 1000150-23-7 | 37   |
| 5    |    |   | [2-(4-Methoxy-phenyl)-2H-benzo[g... | 360 | C22H20N2O3 | 1000188-59-8 | 35   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| (1,1'-Biphenyl)... | 17.250 | 2.6     | ng    | 107259   | 6                     | 15.533 | 824466 | 20.0 |