

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\  
 Data File : BF120098.D  
 Acq On : 21 Apr 2020 13:01  
 Operator : MA/SJ  
 Sample : PB128341BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB128341BL

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-BF040820.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| 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         | 5.299       | 540           | 546         | 549          | rBV      | 3784184        | 4025483       | 86.83%          | 12.694%       |
| 2         | 6.334       | 716           | 722         | 725          | rBV      | 3591797        | 3949870       | 85.20%          | 12.456%       |
| 3         | 6.693       | 779           | 783         | 786          | rBV      | 818818         | 705871        | 15.23%          | 2.226%        |
| 4         | 6.851       | 805           | 810         | 813          | rBV      | 3417505        | 3197645       | 68.97%          | 10.084%       |
| 5         | 7.257       | 874           | 879         | 882          | rBV      | 2401106        | 2624237       | 56.60%          | 8.276%        |
| 6         | 7.975       | 997           | 1001        | 1005         | rBV      | 1106626        | 918987        | 19.82%          | 2.898%        |
| 7         | 9.063       | 1180          | 1186        | 1188         | rBV      | 4609858        | 4636071       | 100.00%         | 14.620%       |
| 8         | 9.734       | 1296          | 1300        | 1303         | rBV      | 1293505        | 1030152       | 22.22%          | 3.249%        |
| 9         | 10.528      | 1429          | 1435        | 1438         | rBV      | 3002306        | 2943751       | 63.50%          | 9.283%        |
| 10        | 11.216      | 1548          | 1552        | 1556         | rBV      | 1333043        | 1094796       | 23.61%          | 3.452%        |
| 11        | 12.816      | 1818          | 1824        | 1827         | rBV      | 4621830        | 4426884       | 95.49%          | 13.960%       |
| 12        | 13.857      | 1997          | 2001        | 2005         | rBV      | 1185309        | 1044390       | 22.53%          | 3.294%        |
| 13        | 15.274      | 2237          | 2242        | 2247         | rBV      | 763460         | 933336        | 20.13%          | 2.943%        |
| 14        | 16.286      | 2403          | 2414        | 2425         | rBV3     | 49291          | 179068        | 3.86%           | 0.565%        |

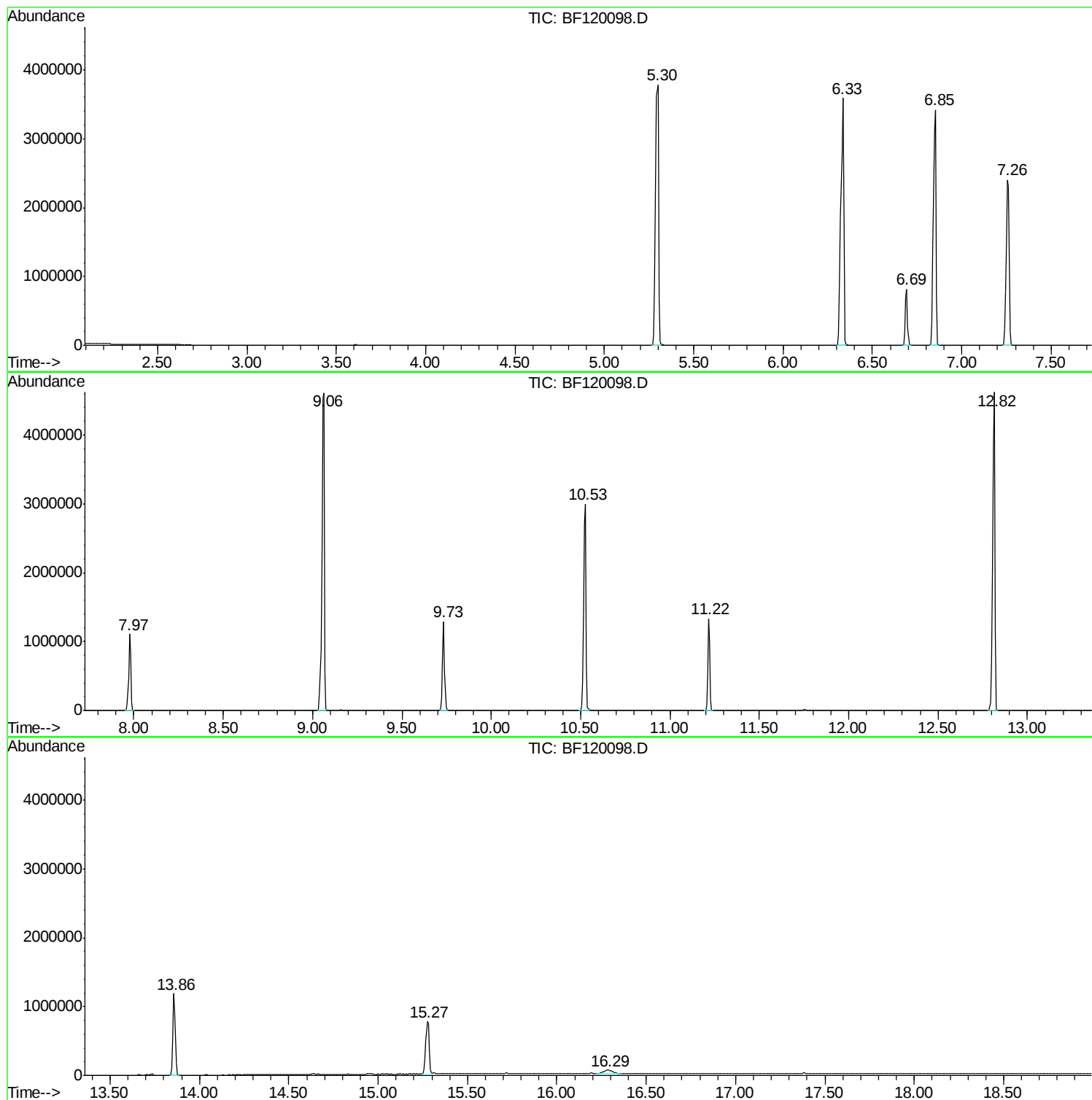
Sum of corrected areas: 31710541

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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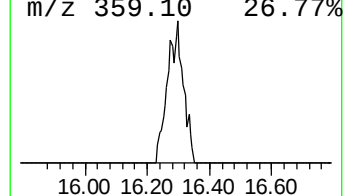
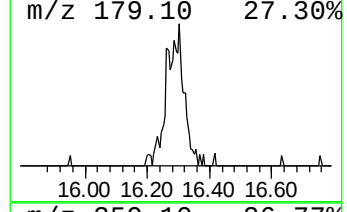
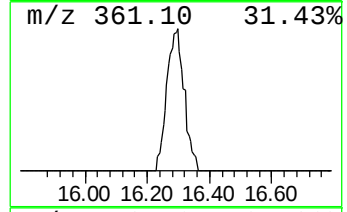
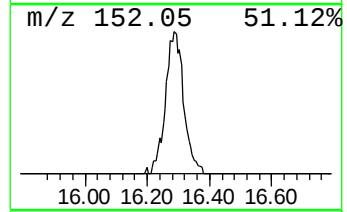
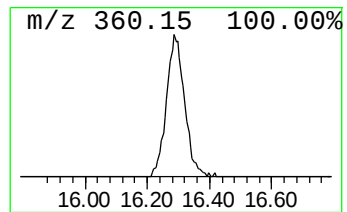
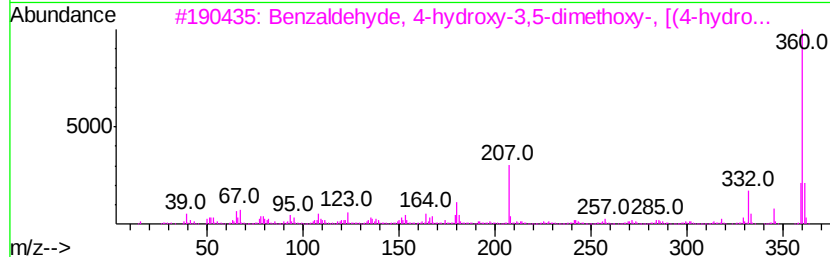
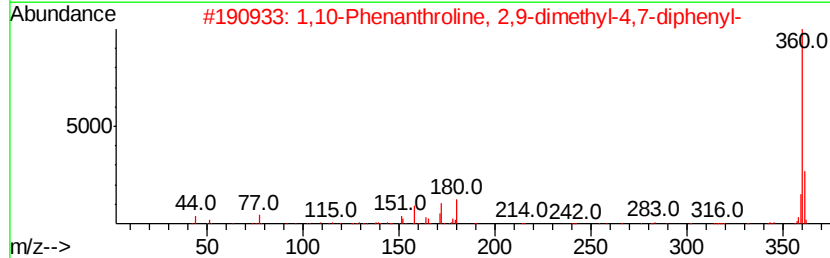
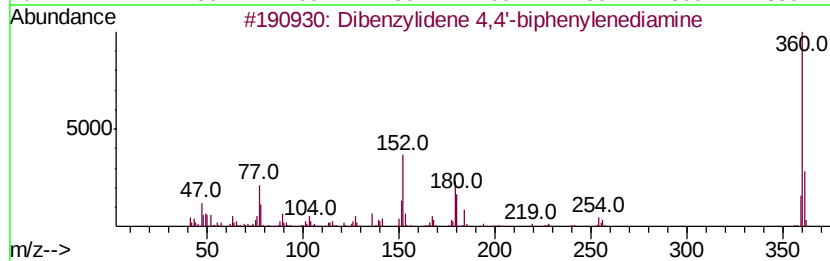
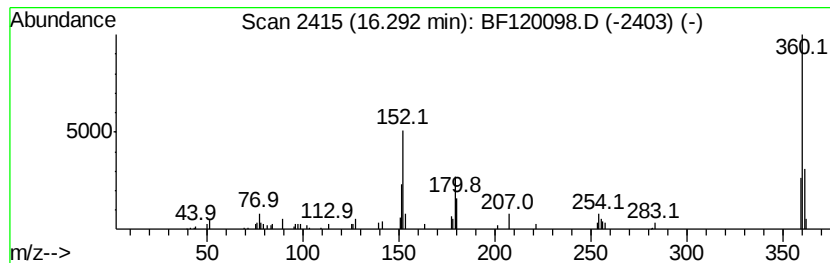
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Dibenzylidene 4,4'-biphenyl... Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 16.29 | 3.84 ng | 179068 | Perylene-d12     | 15.27 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|---------|---|-------------------------------------|-----|------------|--------------|------|
| 1       |   | Dibenzylidene 4,4'-biphenylenedi... | 360 | C26H20N2   | 006311-48-4  | 97   |
| 2       |   | 1,10-Phenanthroline, 2,9-dimethy... | 360 | C26H20N2   | 004733-39-5  | 52   |
| 3       |   | Benzaldehyde, 4-hydroxy-3,5-dime... | 360 | C18H20N2O6 | 014414-32-5  | 43   |
| 4       |   | N,N'-di-2-Naphthyl-p-phenylenedi... | 360 | C26H20N2   | 000093-46-9  | 32   |
| 5       |   | [2-(4-Methoxy-phenyl)-2H-benzo[g... | 360 | C22H20N2O3 | 1000188-59-8 | 27   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Dibenzylidene 4,4... | 16.29 | 3.8     | ng    | 179068   | 6                     | 15.27 | 933336 | 20.0 |