

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012423\  
 Data File : BF132194.D  
 Acq On : 24 Jan 2023 15:49  
 Operator : CG\JU  
 Sample : PB150197BL  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150197BL

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-BF012423.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132194.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         | 5.343       | 419           | 426         | 438          | rVB      | 2172303        | 3012994       | 25.84%          | 4.617%        |
| 2         | 5.713       | 483           | 489         | 492          | rBV      | 6216079        | 7355234       | 63.07%          | 11.270%       |
| 3         | 6.695       | 649           | 656         | 659          | rBV      | 5984254        | 7421036       | 63.64%          | 11.371%       |
| 4         | 7.078       | 717           | 721         | 725          | rBV      | 2232783        | 1723670       | 14.78%          | 2.641%        |
| 5         | 7.648       | 811           | 818         | 821          | rBV      | 4536126        | 4957652       | 42.51%          | 7.596%        |
| 6         | 8.366       | 935           | 940         | 943          | rBV      | 2808961        | 2228981       | 19.11%          | 3.415%        |
| 7         | 9.448       | 1117          | 1124        | 1127         | rBV      | 10921355       | 9940550       | 85.24%          | 15.231%       |
| 8         | 10.130      | 1236          | 1240        | 1244         | rBV      | 3271987        | 2762500       | 23.69%          | 4.233%        |
| 9         | 10.930      | 1371          | 1376        | 1379         | rBV      | 7180400        | 6950770       | 59.61%          | 10.650%       |
| 10        | 11.630      | 1491          | 1495        | 1498         | rBV      | 3638172        | 2934602       | 25.17%          | 4.496%        |
| 11        | 13.230      | 1762          | 1767        | 1770         | rBV      | 12077778       | 11661240      | 100.00%         | 17.867%       |
| 12        | 14.289      | 1943          | 1947        | 1951         | rBV      | 2368765        | 2283326       | 19.58%          | 3.499%        |
| 13        | 15.883      | 2212          | 2218        | 2233         | rBV      | 1274275        | 1684433       | 14.44%          | 2.581%        |
| 14        | 18.483      | 2647          | 2660        | 2675         | rBV3     | 79251          | 348320        | 2.99%           | 0.534%        |

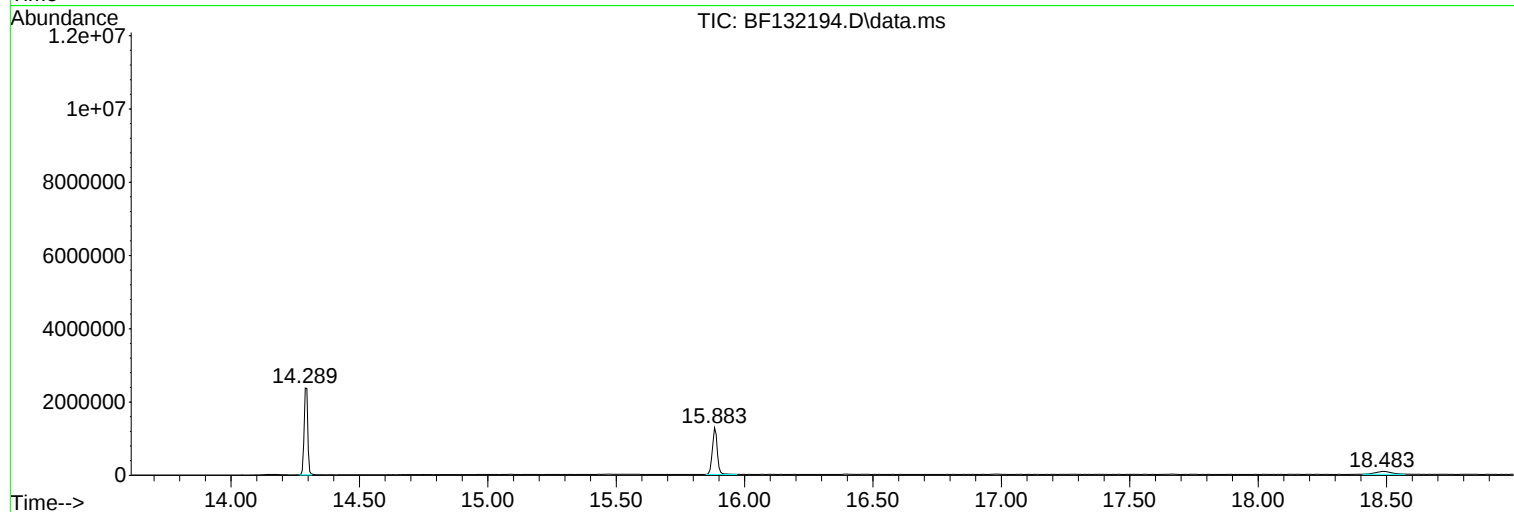
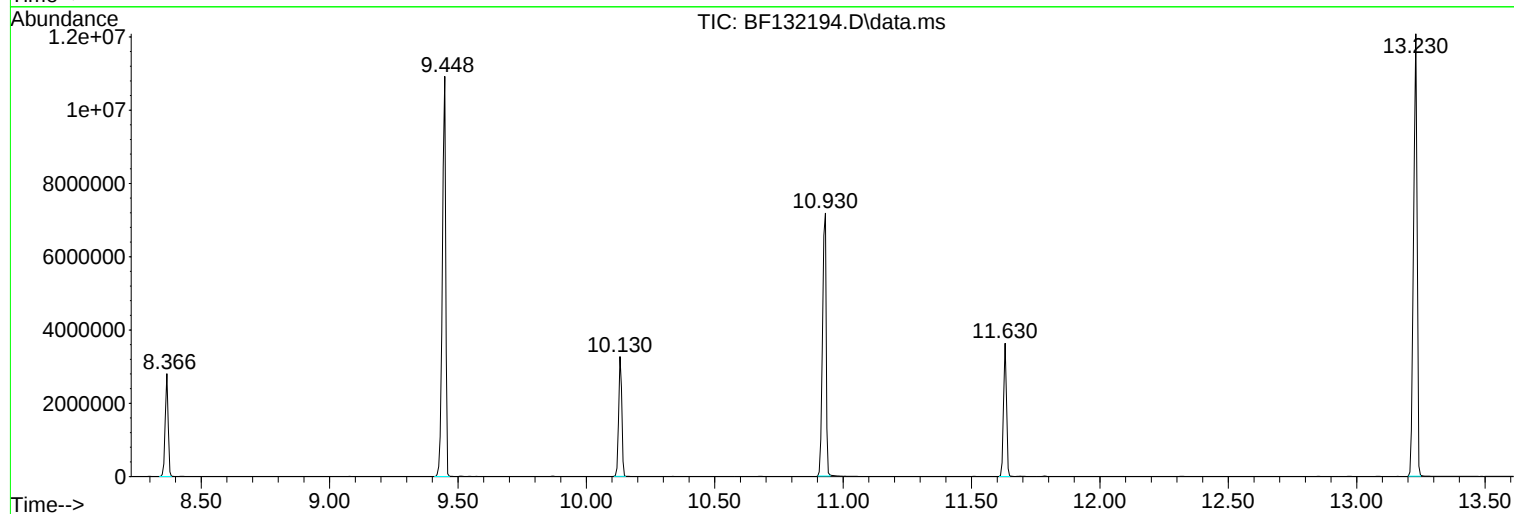
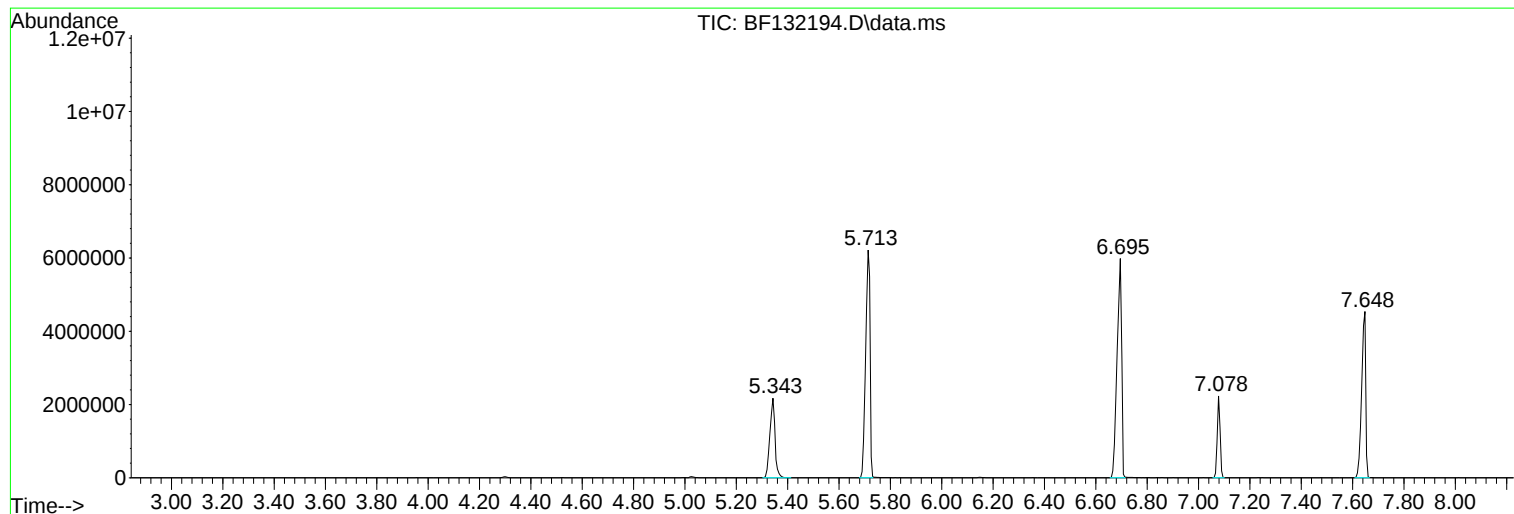
Sum of corrected areas: 65265308

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012423.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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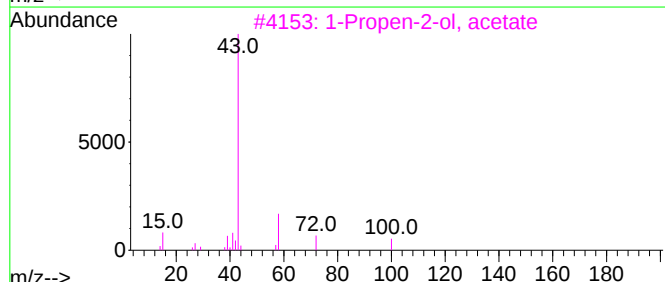
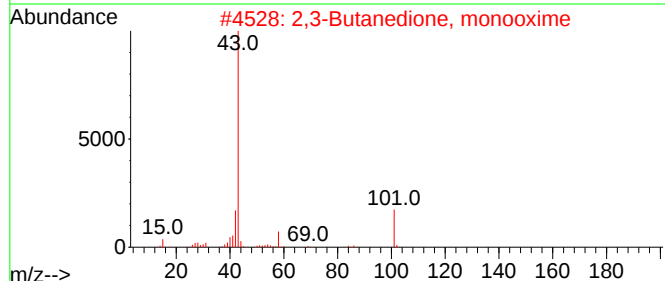
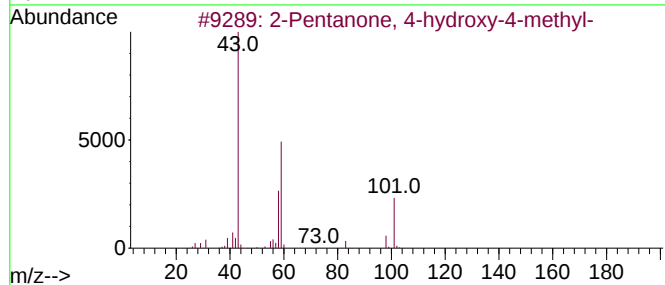
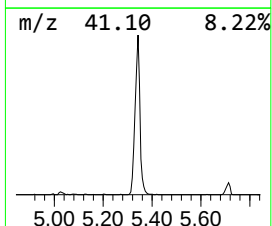
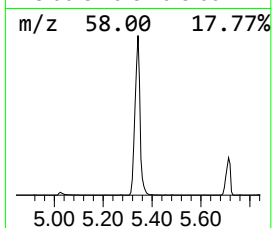
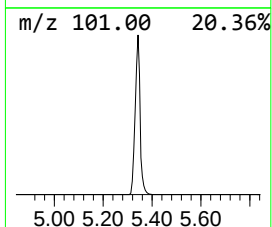
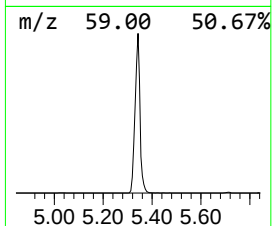
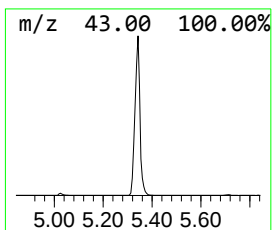
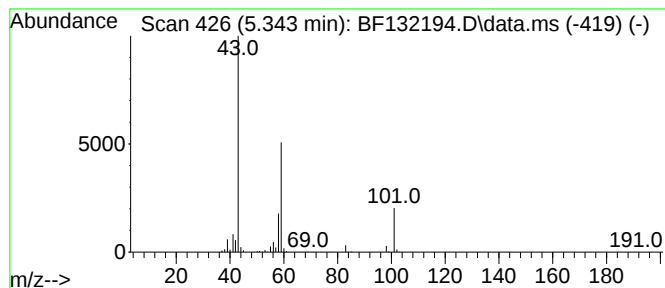
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 5.343 | 34.96 ng | 3012990 | 1,4-Dichlorobenzene-d4 | 7.078 |

| Hit# | of                               | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|----------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2      | 000123-42-2 | 56      |      |      |
| 2    | 2,3-Butanedione, monooxime       | 101 | C4H7NO2      | 000057-71-6 | 25      |      |      |
| 3    | 1-Propen-2-ol, acetate           | 100 | C5H8O2       | 000108-22-5 | 10      |      |      |
| 4    | Acetone                          | 58  | C3H6O        | 000067-64-1 | 10      |      |      |
| 5    | Butane, 1-ethoxy-                | 102 | C6H14O       | 000628-81-9 | 9       |      |      |



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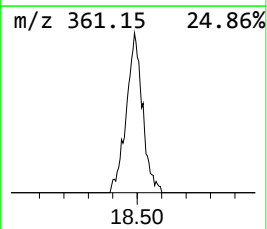
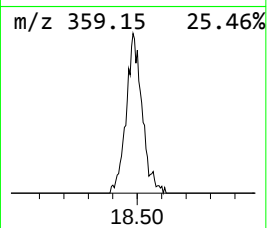
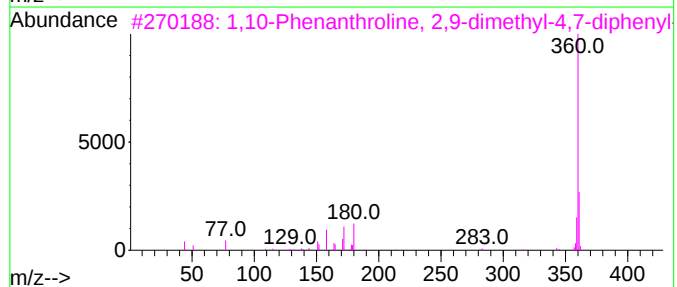
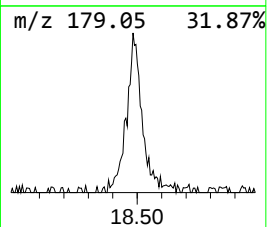
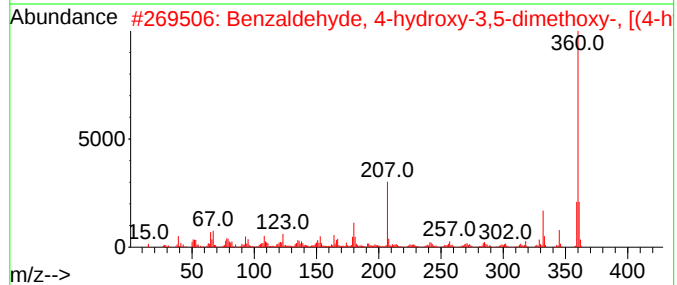
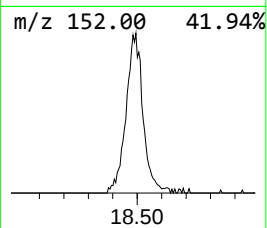
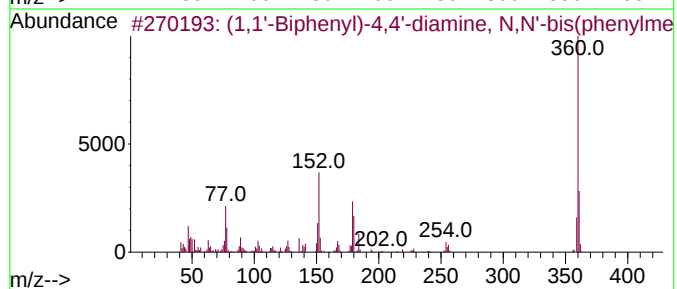
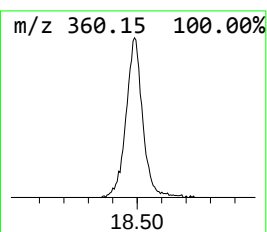
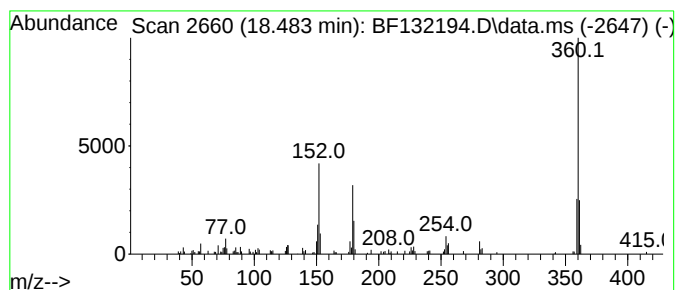
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Peak Number 2 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 2

| R.T.      | EstConc                                                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------------------------------------------------------|--------|------------------|-------------|------|
| 18.483    | 4.14 ng                                                             | 348320 | Perylene-d12     | 15.883      |      |
| 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 | 93   |
| 2         | Benzaldehyde, 4-hydroxy-3,5-dimethoxybenzoic acid                   | 360    | C18H20N2O6       | 014414-32-5 | 50   |
| 3         | 1,10-Phenanthroline, 2,9-dimethyl-4,5-bis(methylene)-               | 360    | C26H20N2         | 004733-39-5 | 49   |
| 4         | Jaceidin                                                            | 360    | C18H16O8         | 010173-01-0 | 47   |
| 5         | N,N'-di-2-Naphthyl-p-phenylenediamine                               | 360    | C26H20N2         | 000093-46-9 | 46   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 2-Pentanone, 4-... | 5.343  | 35.0    | ng    | 3012990  | 1                     | 7.078  | 1723670 | 20.0 |
| (1,1'-Biphenyl)... | 18.483 | 4.1     | ng    | 348320   | 6                     | 15.883 | 1684430 | 20.0 |