

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122422\  
 Data File : BF131829.D  
 Acq On : 24 Dec 2022 17:36  
 Operator : CG\JU  
 Sample : PB149828BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149828BL

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-BF122422.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131829.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         | 5.045       | 497           | 503         | 517          | rVB      | 698847         | 947094        | 28.06%          | 5.017%        |
| 2         | 5.451       | 567           | 572         | 575          | rBV      | 2288153        | 2290059       | 67.85%          | 12.131%       |
| 3         | 6.469       | 739           | 745         | 747          | rBV      | 2062179        | 2314059       | 68.56%          | 12.259%       |
| 4         | 6.834       | 803           | 807         | 810          | rBV      | 526753         | 444774        | 13.18%          | 2.356%        |
| 5         | 7.404       | 898           | 904         | 907          | rBV      | 1546958        | 1507505       | 44.67%          | 7.986%        |
| 6         | 8.122       | 1021          | 1026        | 1030         | rBV      | 666041         | 566452        | 16.78%          | 3.001%        |
| 7         | 9.204       | 1204          | 1210        | 1213         | rBV      | 2775631        | 2802531       | 83.04%          | 14.846%       |
| 8         | 9.886       | 1321          | 1326        | 1329         | rBV      | 844754         | 674784        | 19.99%          | 3.575%        |
| 9         | 10.680      | 1456          | 1461        | 1464         | rBV      | 2116761        | 1858264       | 55.06%          | 9.844%        |
| 10        | 11.380      | 1576          | 1580        | 1583         | rBV      | 932685         | 732424        | 21.70%          | 3.880%        |
| 11        | 12.980      | 1846          | 1852        | 1855         | rBV      | 3659187        | 3374995       | 100.00%         | 17.879%       |
| 12        | 14.033      | 2027          | 2031        | 2035         | rBV      | 780978         | 681012        | 20.18%          | 3.608%        |
| 13        | 15.521      | 2278          | 2284        | 2293         | rBV      | 450948         | 539538        | 15.99%          | 2.858%        |
| 14        | 17.215      | 2560          | 2572        | 2586         | rVB5     | 34289          | 143554        | 4.25%           | 0.760%        |

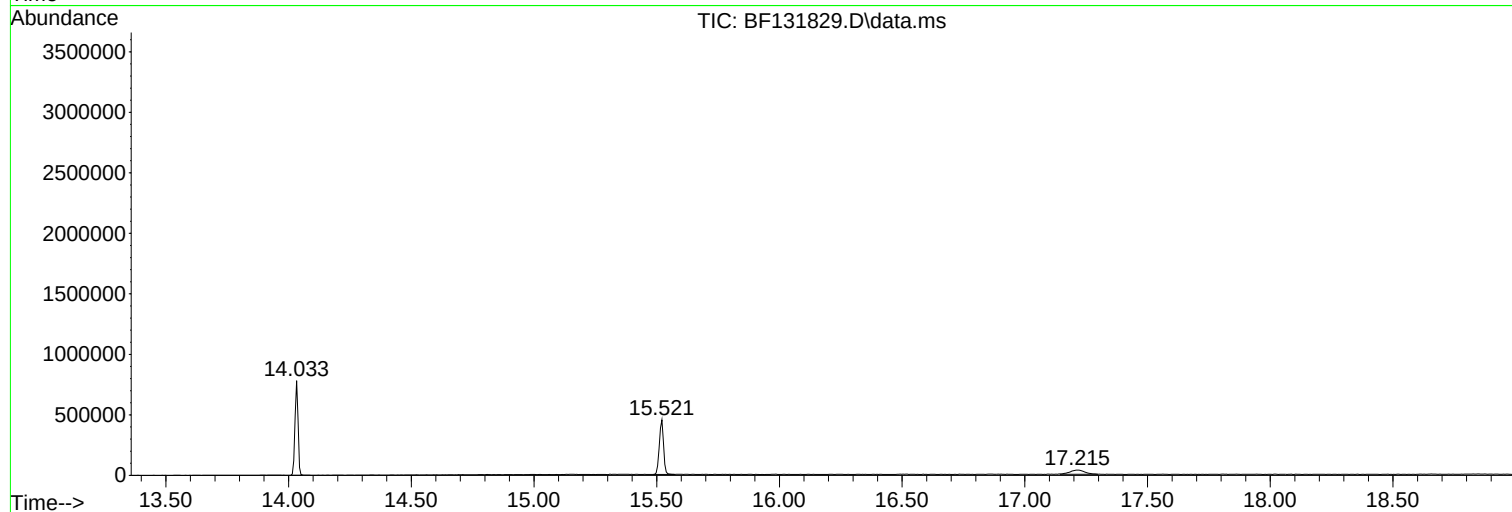
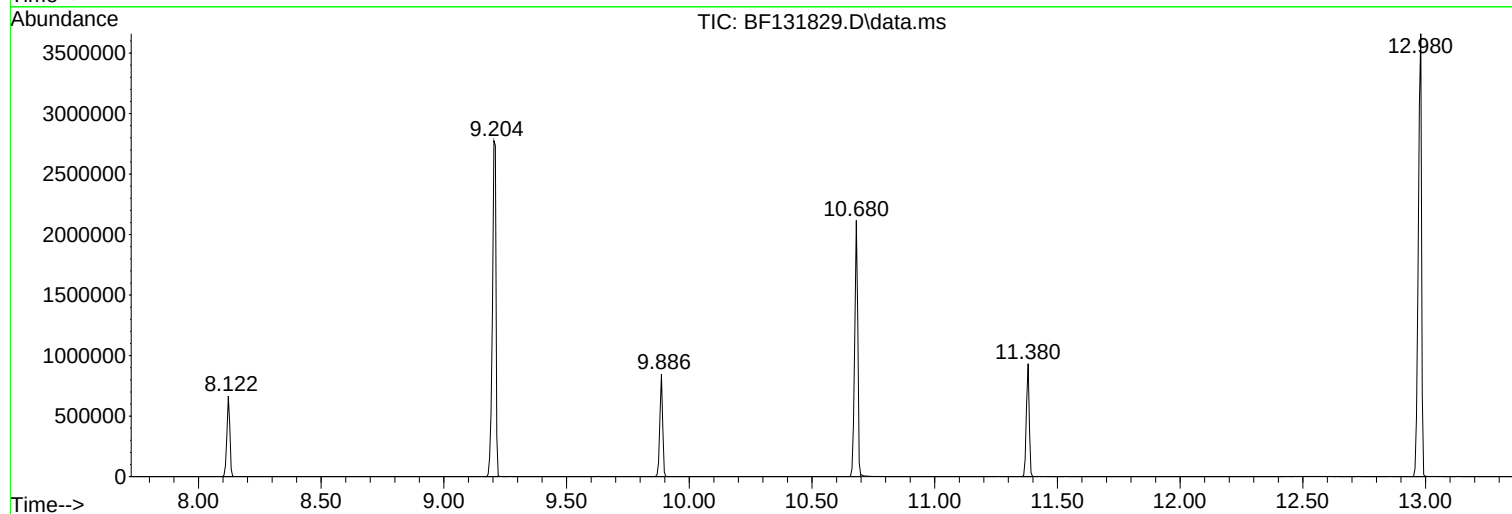
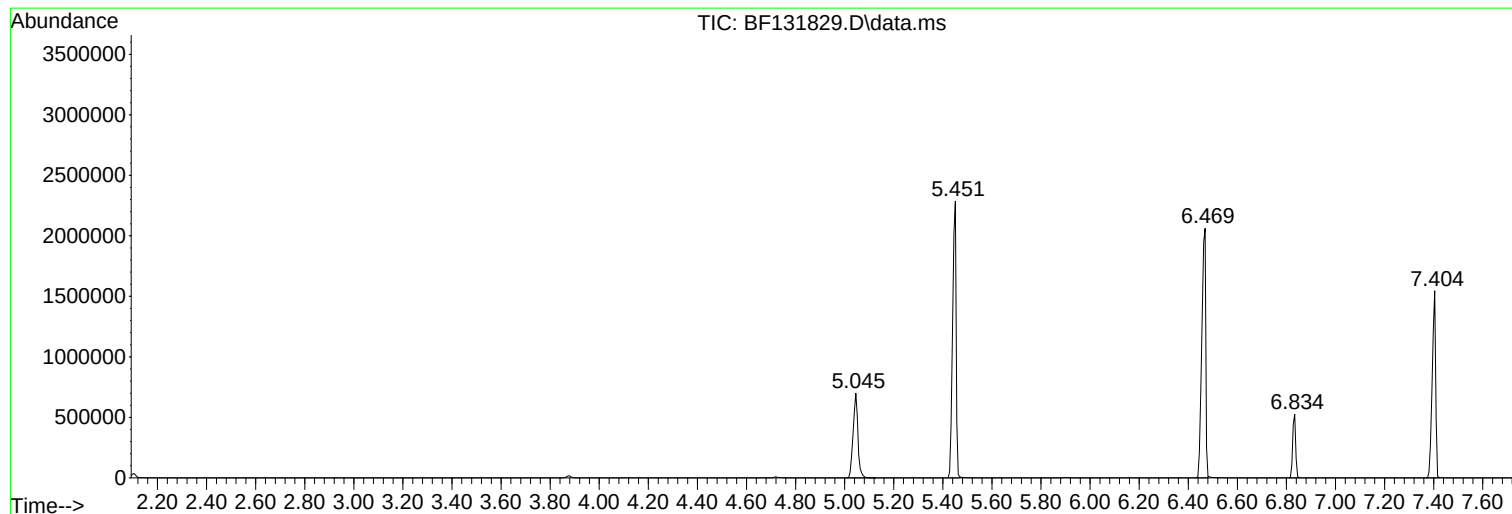
Sum of corrected areas: 18877045

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122422.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-BF122422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

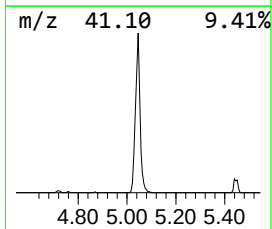
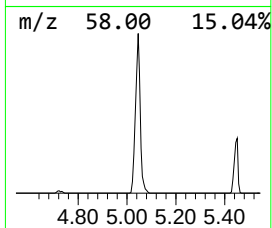
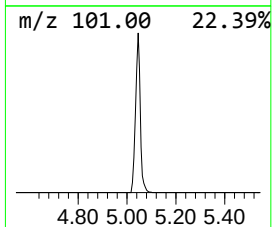
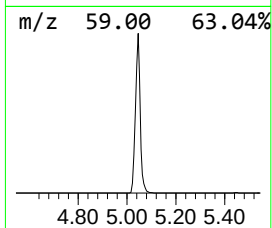
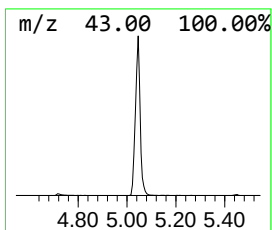
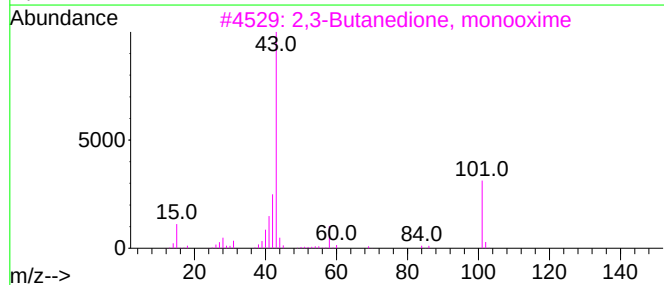
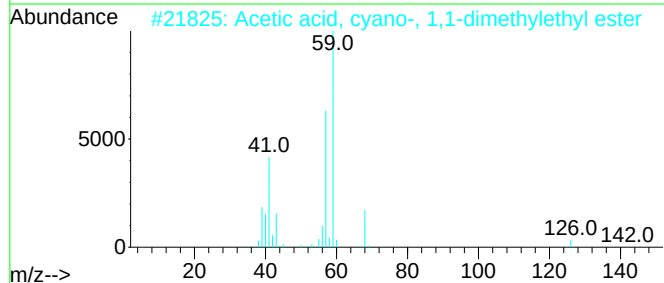
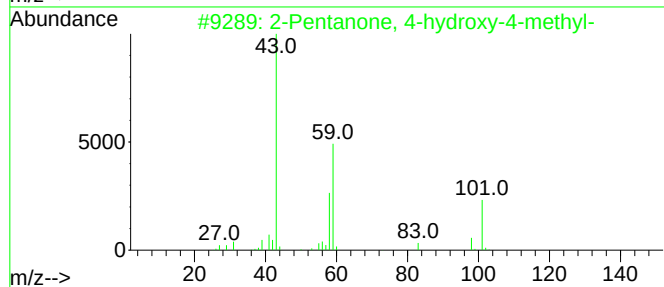
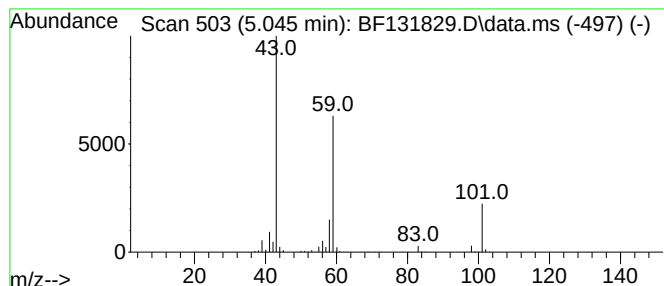
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.045 | 42.59 ng | 947094 | 1,4-Dichlorobenzene-d4 | 6.834 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 72      |      |      |
| 2    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 23      |      |      |
| 3    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2      | 000057-71-6 | 17      |      |      |
| 4    | 1-Propen-2-ol, acetate              | 100 | C5H8O2       | 000108-22-5 | 10      |      |      |
| 5    | 5-Hexen-2-one                       | 98  | C6H10O       | 000109-49-9 | 9       |      |      |



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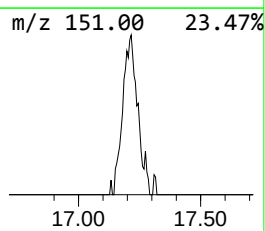
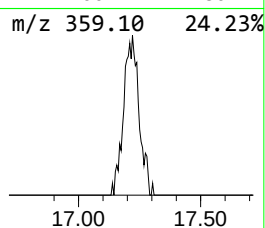
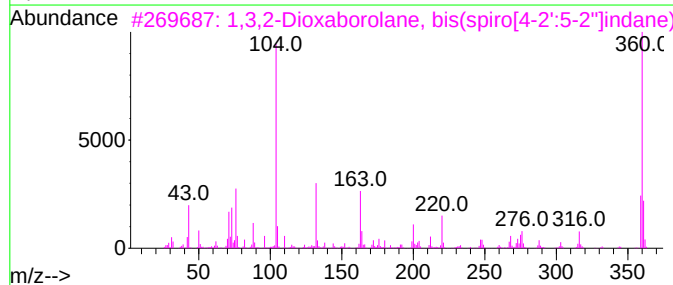
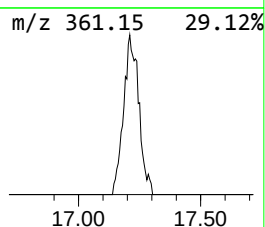
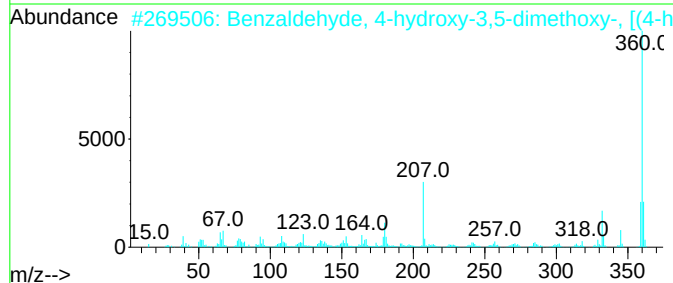
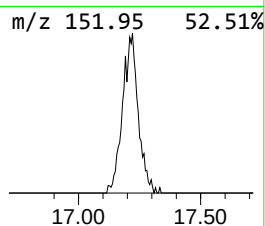
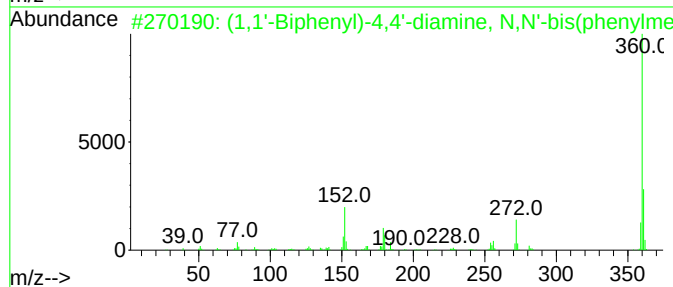
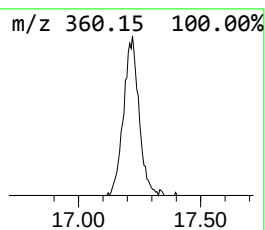
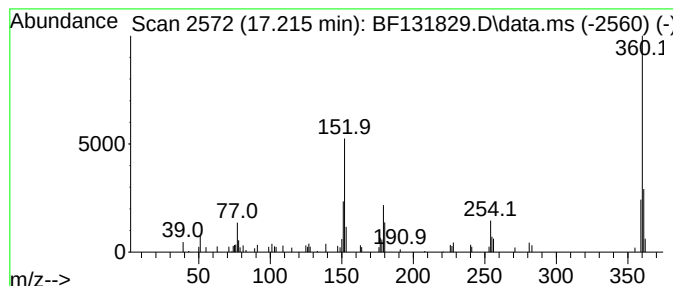
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Peak Number 2 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.215 | 5.32 ng | 143554 | Perylene-d12     | 15.521 |

| 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  | 43   |
| 3    |    |   | 1,3,2-Dioxaborolane, bis(spiro[4... | 360 | C20H13B06  | 1000150-23-7 | 43   |
| 4    |    |   | 1,10-Phenanthroline, 2,9-dimethy... | 360 | C26H20N2   | 004733-39-5  | 43   |
| 5    |    |   | N,N'-di-2-Naphthyl-p-phenylenedi... | 360 | C26H20N2   | 000093-46-9  | 43   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 2-Pentanone, 4-... | 5.045  | 42.6    | ng    | 947094   | 1                     | 6.834  | 444774 | 20.0 |
| (1,1'-Biphenyl)... | 17.215 | 5.3     | ng    | 143554   | 6                     | 15.521 | 539538 | 20.0 |