

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082225\  
 Data File : BF143564.D  
 Acq On : 22 Aug 2025 10:58  
 Operator : RC/JU  
 Sample : PB169330BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB169330BL

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-BF082025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143564.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         | 2.346       | 15            | 26          | 32           | rVB      | 22384          | 41269         | 1.21%           | 0.196%        |
| 2         | 4.104       | 319           | 325         | 336          | rBV      | 32273          | 50665         | 1.48%           | 0.241%        |
| 3         | 5.181       | 502           | 508         | 526          | rBV      | 180981         | 298286        | 8.71%           | 1.418%        |
| 4         | 5.575       | 569           | 575         | 591          | rBV      | 1939670        | 2614591       | 76.35%          | 12.431%       |
| 5         | 6.563       | 736           | 743         | 774          | rBV      | 1814486        | 2643449       | 77.19%          | 12.568%       |
| 6         | 6.922       | 799           | 804         | 815          | rVB      | 473819         | 607313        | 17.73%          | 2.887%        |
| 7         | 7.481       | 893           | 899         | 915          | rBV      | 1224067        | 1806390       | 52.75%          | 8.588%        |
| 8         | 8.204       | 1016          | 1022        | 1038         | rBV      | 592824         | 799039        | 23.33%          | 3.799%        |
| 9         | 9.281       | 1198          | 1205        | 1210         | rBV      | 2558169        | 3392762       | 99.08%          | 16.131%       |
| 10        | 9.963       | 1315          | 1321        | 1336         | rBV      | 739216         | 934912        | 27.30%          | 4.445%        |
| 11        | 10.751      | 1450          | 1455        | 1486         | rBV      | 1505123        | 2109978       | 61.62%          | 10.032%       |
| 12        | 11.451      | 1569          | 1574        | 1596         | rVB      | 735245         | 943107        | 27.54%          | 4.484%        |
| 13        | 13.039      | 1838          | 1844        | 1849         | rBV      | 2574716        | 3424413       | 100.00%         | 16.281%       |
| 14        | 14.098      | 2018          | 2024        | 2038         | rBV      | 471582         | 643581        | 18.79%          | 3.060%        |
| 15        | 15.598      | 2273          | 2279        | 2292         | rBV      | 305001         | 519828        | 15.18%          | 2.471%        |
| 16        | 17.374      | 2567          | 2581        | 2603         | rBV3     | 30410          | 203360        | 5.94%           | 0.967%        |

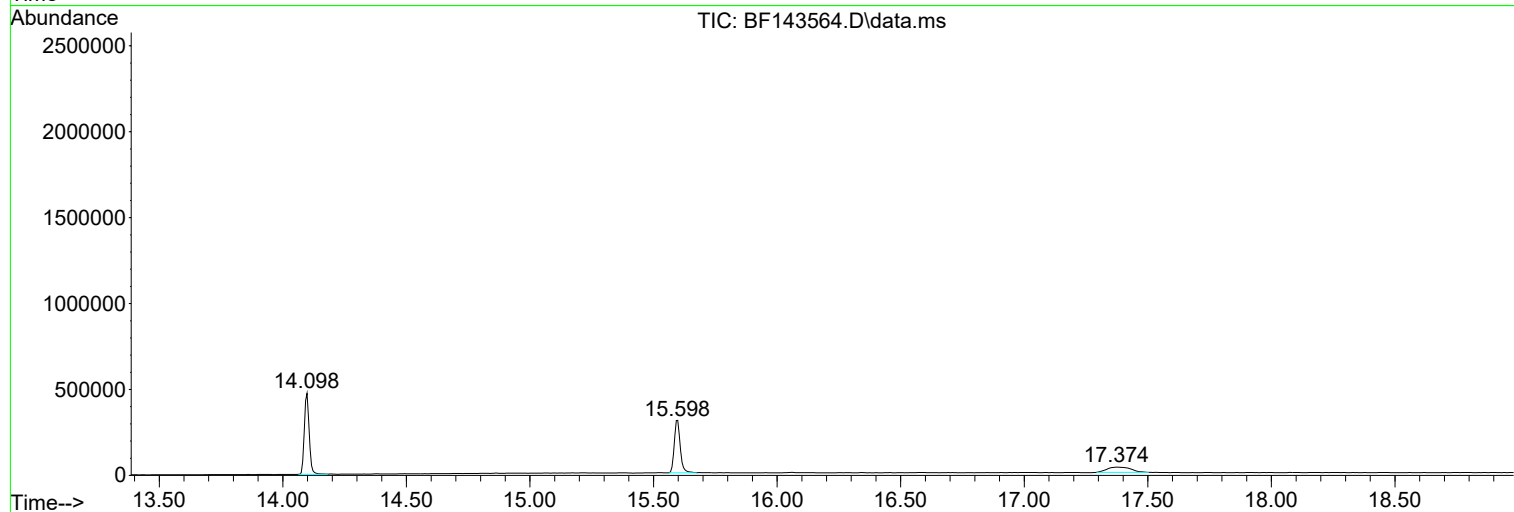
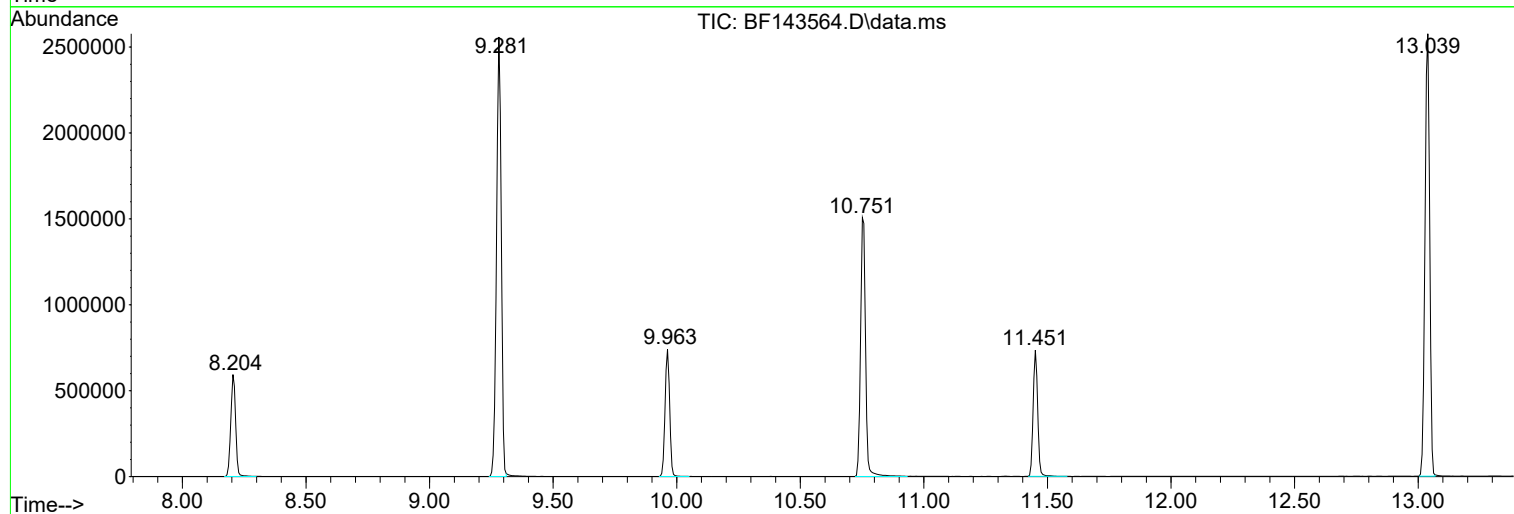
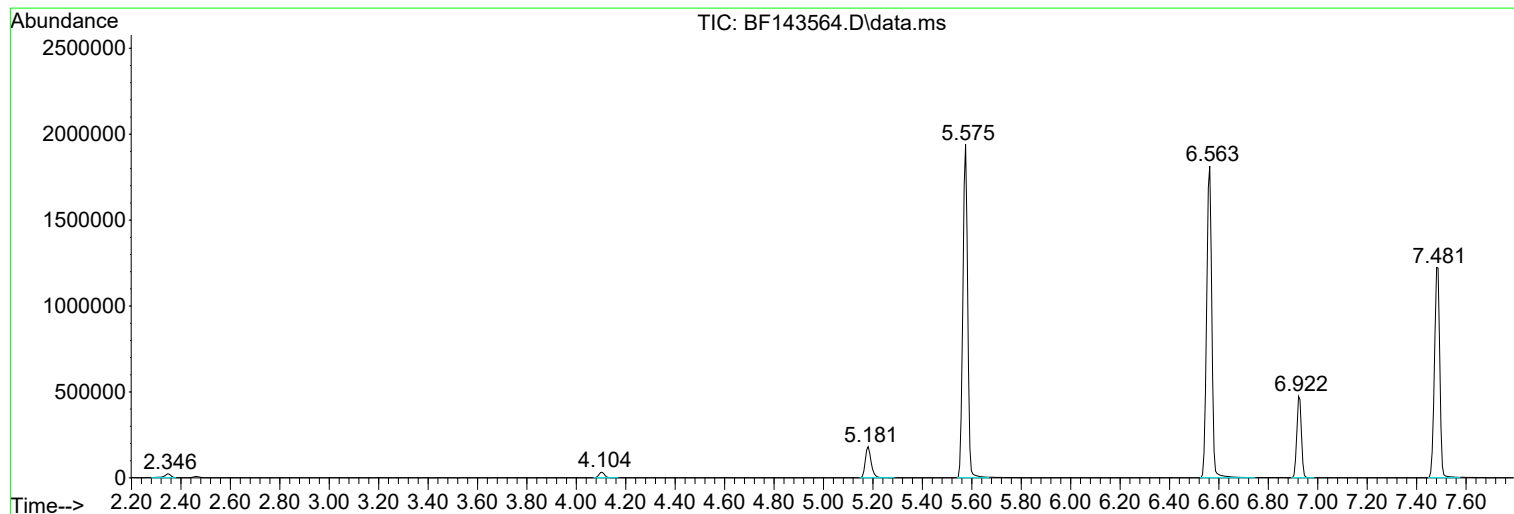
Sum of corrected areas: 21032943

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PB169330BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082025.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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ALS Vial : 3 Sample Multiplier: 1

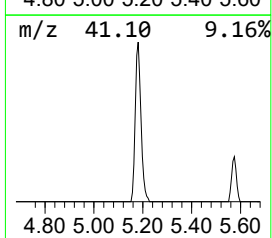
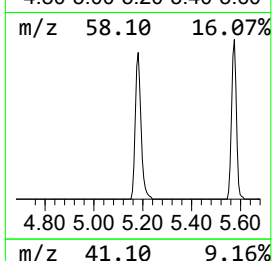
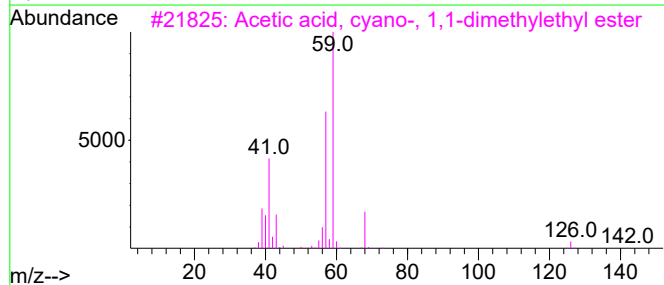
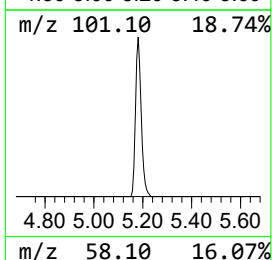
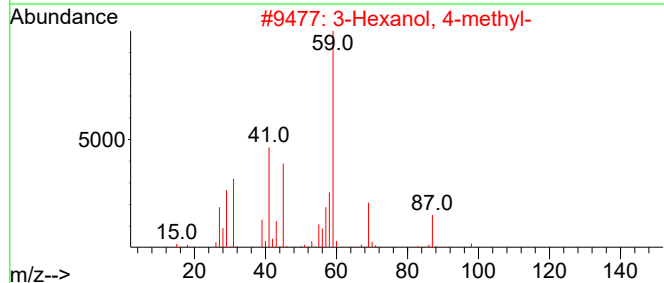
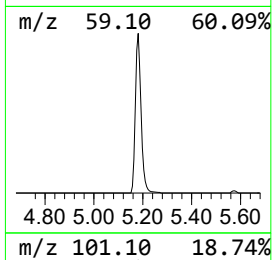
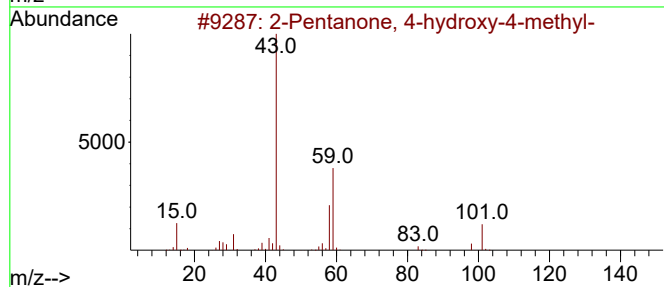
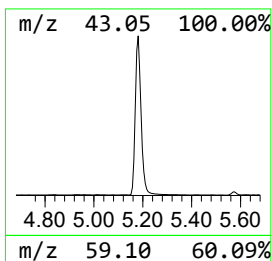
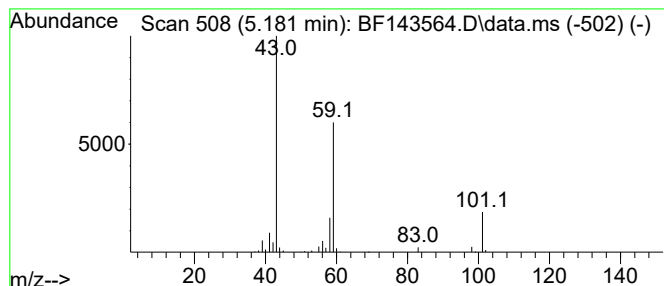
Instrument :  
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ClientSampleId :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.        |      |
|-----------|-------------------------------------|--------|------------------------|----------|-------------|------|
| 5.181     | 9.82 ng                             | 298286 | 1,4-Dichlorobenzene-d4 |          | 6.922       |      |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm  | CAS#        | Qual |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl-    |        | 116                    | C6H12O2  | 000123-42-2 | 59   |
| 2         | 3-Hexanol, 4-methyl-                |        | 116                    | C7H16O   | 000615-29-2 | 33   |
| 3         | Acetic acid, cyano-, 1,1-dimethy... |        | 141                    | C7H11NO2 | 001116-98-9 | 25   |
| 4         | 2,3-Butanedione, monooxime          |        | 101                    | C4H7NO2  | 000057-71-6 | 16   |
| 5         | 1-Propen-2-ol, acetate              |        | 100                    | C5H8O2   | 000108-22-5 | 12   |



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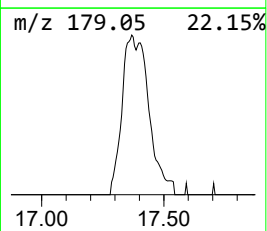
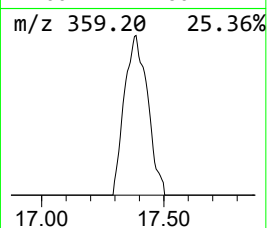
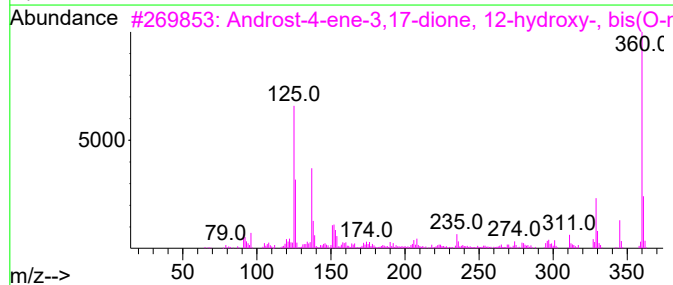
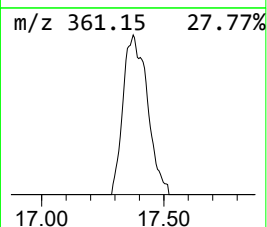
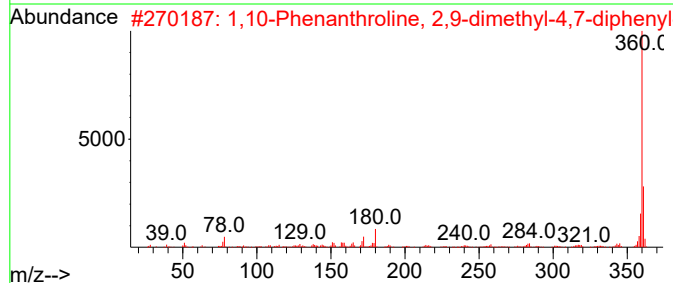
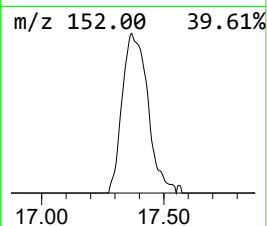
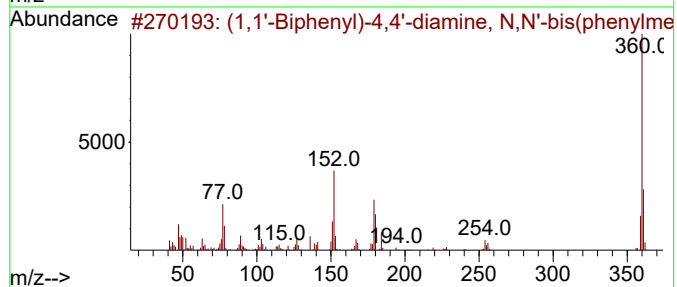
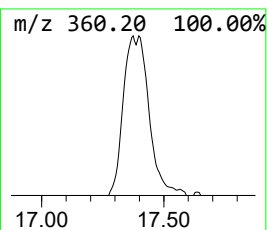
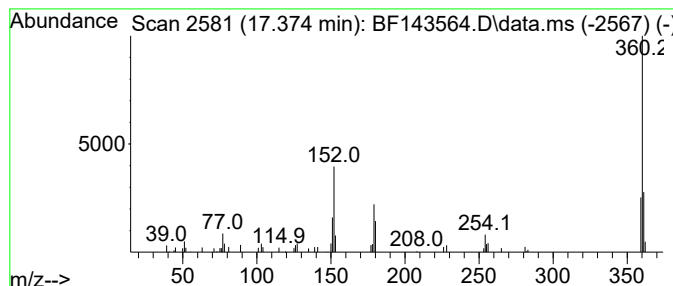
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\*\*\*\*\*  
Peak Number 2 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.374 | 7.82 ng | 203360 | Perylene-d12     | 15.598 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | (1,1'-Biphenyl)-4,4'-diamine, N,... | 360 | C26H20N2   | 006311-48-4  | 87   |
| 2    |    |   | 1,10-Phenanthroline, 2,9-dimethy... | 360 | C26H20N2   | 004733-39-5  | 47   |
| 3    |    |   | Androst-4-ene-3,17-dione, 12-hyd... | 360 | C21H32N2O3 | 069688-31-9  | 47   |
| 4    |    |   | Benzaldehyde, 4-hydroxy-3,5-dime... | 360 | C18H20N2O6 | 014414-32-5  | 47   |
| 5    |    |   | 1H-isindole-1,3(2H)-dione, 2-[5...  | 360 | C21H16N2O4 | 1000398-48-8 | 43   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 2-Pentanone, 4-... | 5.181  | 9.8     | ng    | 298286   | 1                     | 6.922  | 607313 | 20.0 |
| (1,1'-Biphenyl)... | 17.374 | 7.8     | ng    | 203360   | 6                     | 15.598 | 519828 | 20.0 |