

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071625\  
 Data File : BF143118.D  
 Acq On : 16 Jul 2025 20:09  
 Operator : RC/JU  
 Sample : PB168854BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB168854BL

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-BF071525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143118.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         | 2.387       | 23            | 33          | 40           | rVB      | 29515          | 54351         | 1.29%           | 0.209%        |
| 2         | 5.216       | 507           | 514         | 524          | rBV      | 236824         | 371332        | 8.81%           | 1.429%        |
| 3         | 5.598       | 572           | 579         | 585          | rBV      | 2565912        | 3568173       | 84.61%          | 13.734%       |
| 4         | 6.581       | 739           | 746         | 751          | rBV      | 2493071        | 3601109       | 85.39%          | 13.861%       |
| 5         | 6.963       | 806           | 811         | 817          | rVB      | 660830         | 839838        | 19.91%          | 3.233%        |
| 6         | 7.522       | 899           | 906         | 911          | rBV      | 1662751        | 2354628       | 55.83%          | 9.063%        |
| 7         | 8.245       | 1023          | 1029        | 1034         | rBV      | 856616         | 1095678       | 25.98%          | 4.217%        |
| 8         | 9.322       | 1205          | 1212        | 1217         | rBV      | 3164376        | 4217254       | 100.00%         | 16.233%       |
| 9         | 9.998       | 1322          | 1327        | 1333         | rBV      | 904180         | 1174324       | 27.85%          | 4.520%        |
| 10        | 10.786      | 1455          | 1461        | 1480         | rBV      | 1835835        | 2385067       | 56.55%          | 9.181%        |
| 11        | 11.486      | 1575          | 1580        | 1585         | rBV      | 960962         | 1171864       | 27.79%          | 4.511%        |
| 12        | 13.074      | 1844          | 1850        | 1855         | rBV      | 2864902        | 3682936       | 87.33%          | 14.176%       |
| 13        | 14.121      | 2023          | 2028        | 2041         | rBV      | 538076         | 708316        | 16.80%          | 2.726%        |
| 14        | 15.633      | 2279          | 2285        | 2297         | rBV      | 381747         | 591901        | 14.04%          | 2.278%        |
| 15        | 17.539      | 2599          | 2609        | 2636         | rVB3     | 33806          | 162866        | 3.86%           | 0.627%        |

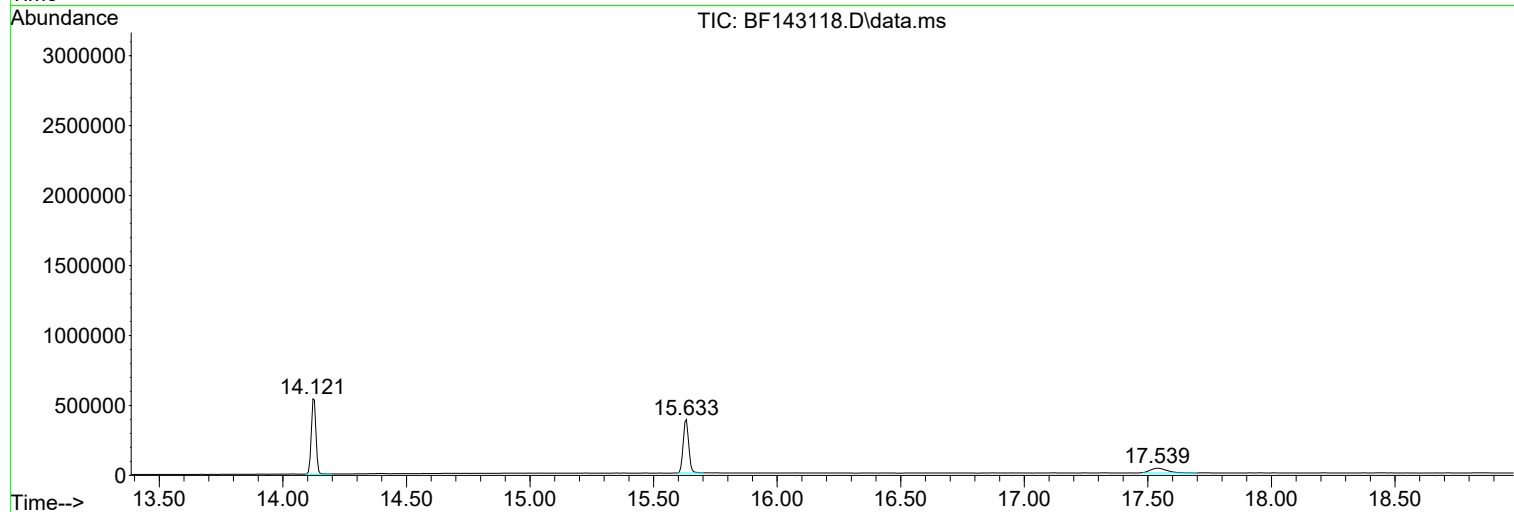
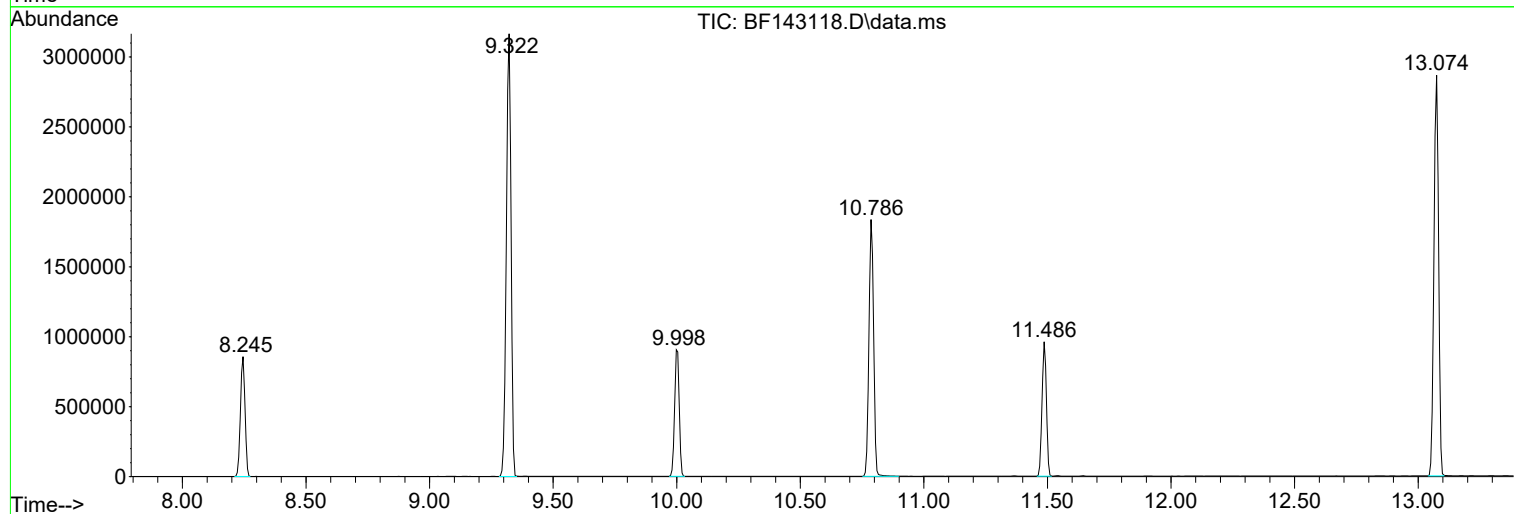
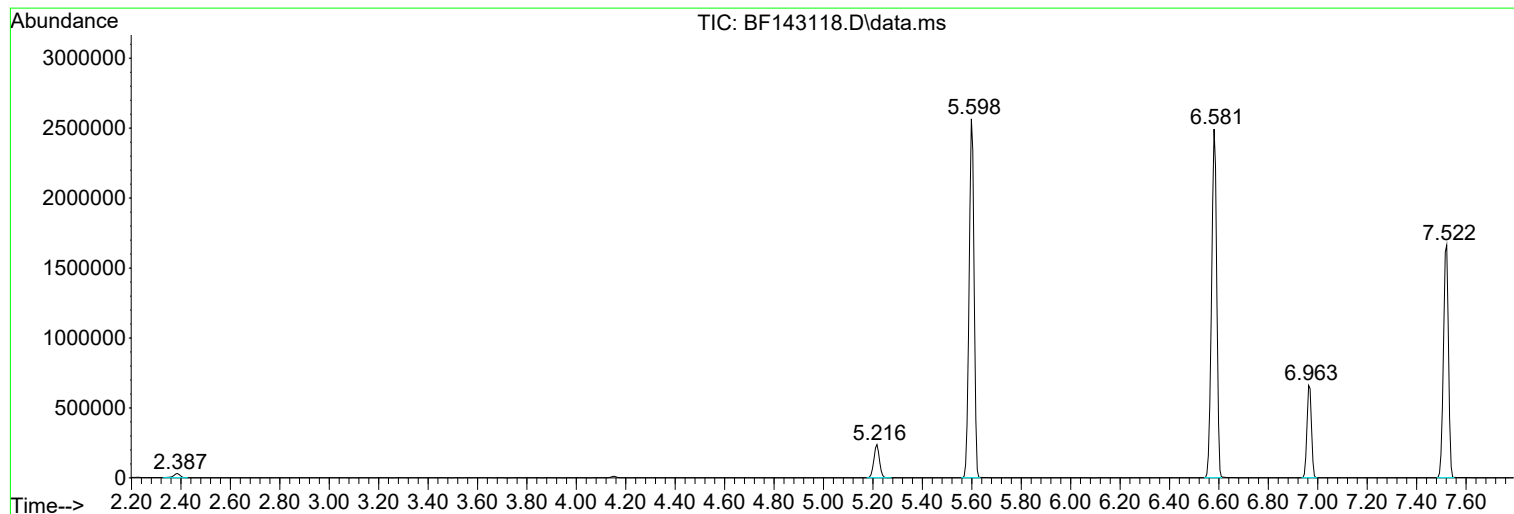
Sum of corrected areas: 25979637

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF071525.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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Instrument :  
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ClientSampleId :  
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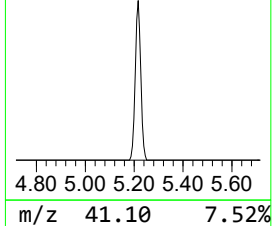
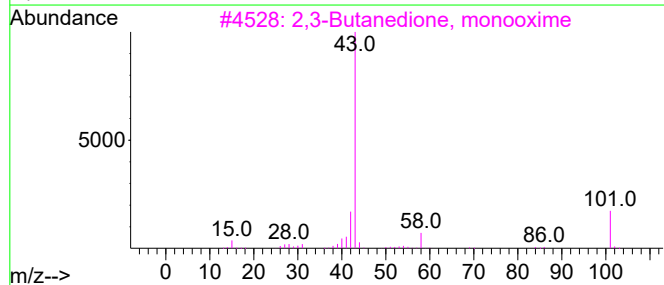
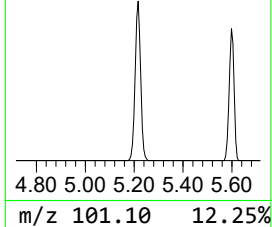
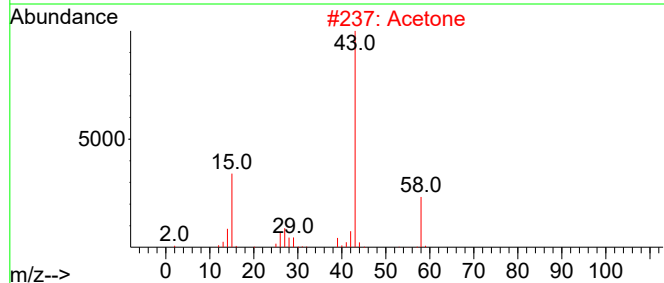
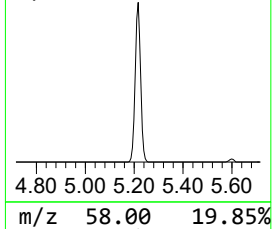
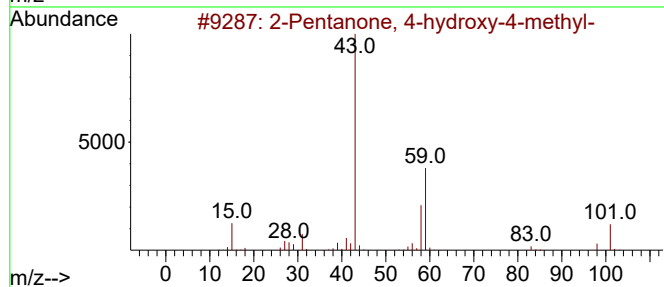
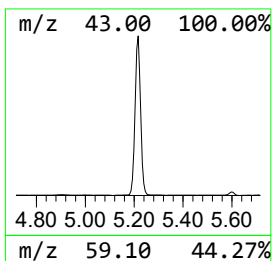
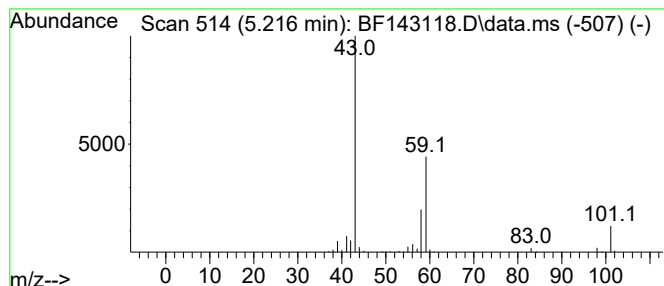
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T.      | EstConc                          | Area   | Relative to ISTD       |         | R.T.        |      |
|-----------|----------------------------------|--------|------------------------|---------|-------------|------|
| 5.216     | 8.84 ng                          | 371332 | 1,4-Dichlorobenzene-d4 |         | 6.963       |      |
| Hit# of 5 | Tentative ID                     |        | MW                     | MolForm | CAS#        | Qual |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl- |        | 116                    | C6H12O2 | 000123-42-2 | 83   |
| 2         | Acetone                          |        | 58                     | C3H6O   | 000067-64-1 | 16   |
| 3         | 2,3-Butanedione, monooxime       |        | 101                    | C4H7NO2 | 000057-71-6 | 12   |
| 4         | 1-Propen-2-ol, acetate           |        | 100                    | C5H8O2  | 000108-22-5 | 12   |
| 5         | 4-Penten-2-one, 4-methyl-        |        | 98                     | C6H10O  | 003744-02-3 | 9    |



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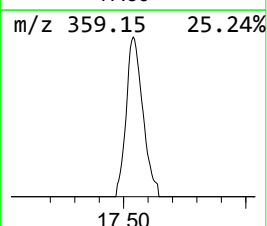
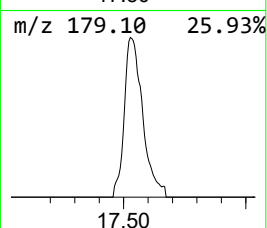
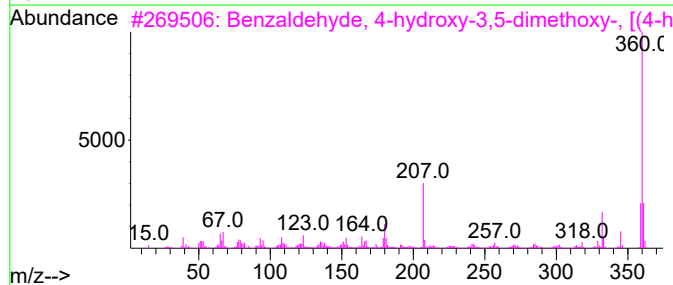
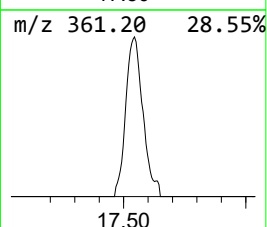
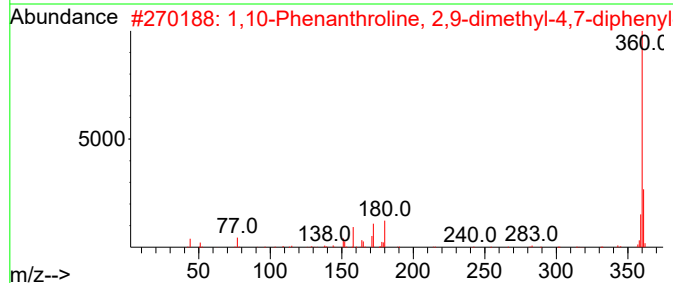
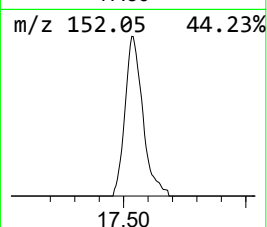
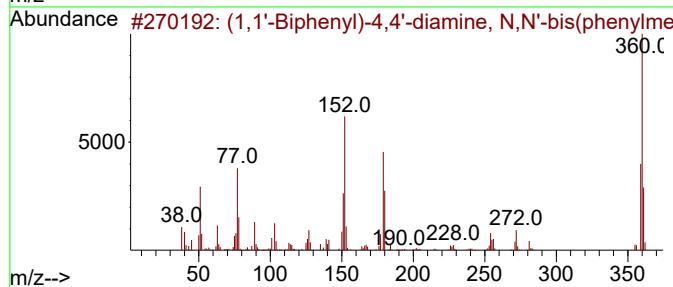
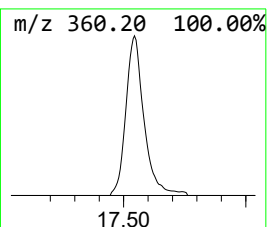
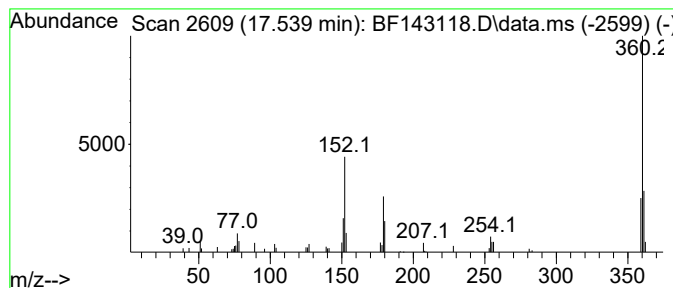
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Peak Number 2 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 17.539    | 5.50 ng                             | 162866 | Perylene-d12     | 15.633       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | (1,1'-Biphenyl)-4,4'-diamine, N,... | 360    | C26H20N2         | 006311-48-4  | 90   |
| 2         | 1,10-Phenanthroline, 2,9-dimethy... | 360    | C26H20N2         | 004733-39-5  | 47   |
| 3         | Benzaldehyde, 4-hydroxy-3,5-dime... | 360    | C18H20N2O6       | 014414-32-5  | 47   |
| 4         | N,N'-di-2-Naphthyl-p-phenylenedi... | 360    | C26H20N2         | 000093-46-9  | 46   |
| 5         | Ethene, 1-(anthracen-9-yl)-2-(4-... | 360    | C27H20O          | 1000163-55-1 | 43   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 2-Pentanone, 4-... | 5.216  | 8.8     | ng    | 371332   | 1                     | 6.963  | 839838 | 20.0 |
| (1,1'-Biphenyl)... | 17.539 | 5.5     | ng    | 162866   | 6                     | 15.633 | 591901 | 20.0 |