

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041122\  
 Data File : BF127730.D  
 Acq On : 11 Apr 2022 10:57  
 Operator : CG\JU  
 Sample : PB144000BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB144000BL

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-BF040622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127730.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         | 5.228       | 493           | 500         | 509          | rBV      | 206390         | 313641        | 5.03%           | 0.860%        |
| 2         | 5.599       | 557           | 563         | 566          | rBV      | 3917657        | 4561647       | 73.12%          | 12.504%       |
| 3         | 6.587       | 724           | 731         | 734          | rBV      | 3649193        | 4586113       | 73.52%          | 12.571%       |
| 4         | 6.963       | 791           | 795         | 798          | rBV      | 1248552        | 1003363       | 16.08%          | 2.750%        |
| 5         | 7.528       | 885           | 891         | 894          | rBV      | 2686275        | 3164054       | 50.72%          | 8.673%        |
| 6         | 8.246       | 1008          | 1013        | 1017         | rBV      | 1377270        | 1276410       | 20.46%          | 3.499%        |
| 7         | 9.328       | 1190          | 1197        | 1200         | rBV      | 5622543        | 5635664       | 90.34%          | 15.449%       |
| 8         | 10.010      | 1306          | 1313        | 1316         | rBV      | 1782064        | 1485444       | 23.81%          | 4.072%        |
| 9         | 10.804      | 1441          | 1448        | 1451         | rBV      | 3830446        | 3627525       | 58.15%          | 9.944%        |
| 10        | 11.504      | 1562          | 1567        | 1570         | rBV      | 1826516        | 1565332       | 25.09%          | 4.291%        |
| 11        | 13.098      | 1833          | 1838        | 1841         | rBV      | 6051999        | 6238314       | 100.00%         | 17.100%       |
| 12        | 14.151      | 2013          | 2017        | 2021         | rBV      | 1677352        | 1439445       | 23.07%          | 3.946%        |
| 13        | 15.680      | 2270          | 2277        | 2287         | rBV2     | 921521         | 1224265       | 19.62%          | 3.356%        |
| 14        | 17.833      | 2626          | 2643        | 2659         | rBV3     | 71274          | 359111        | 5.76%           | 0.984%        |

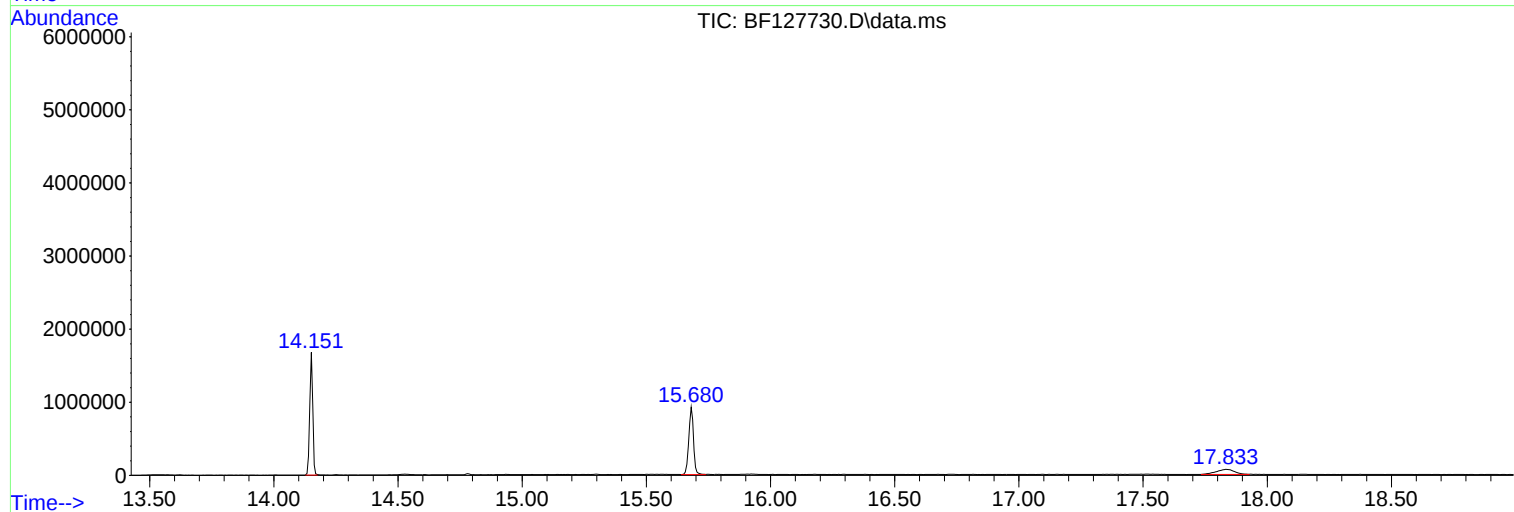
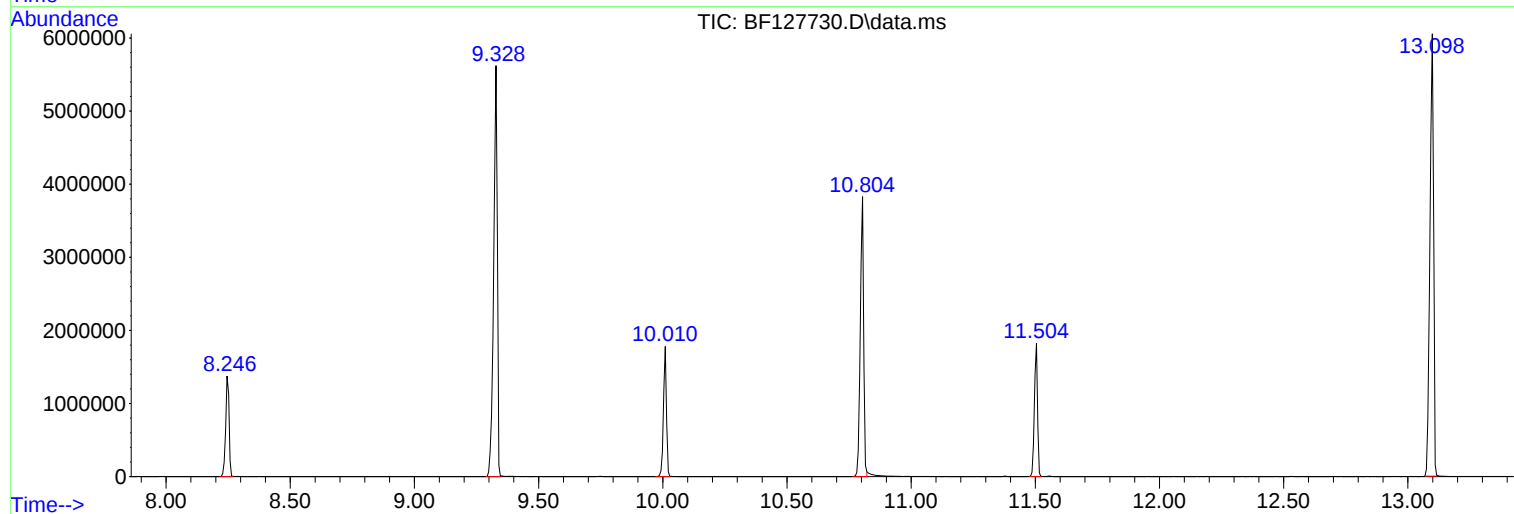
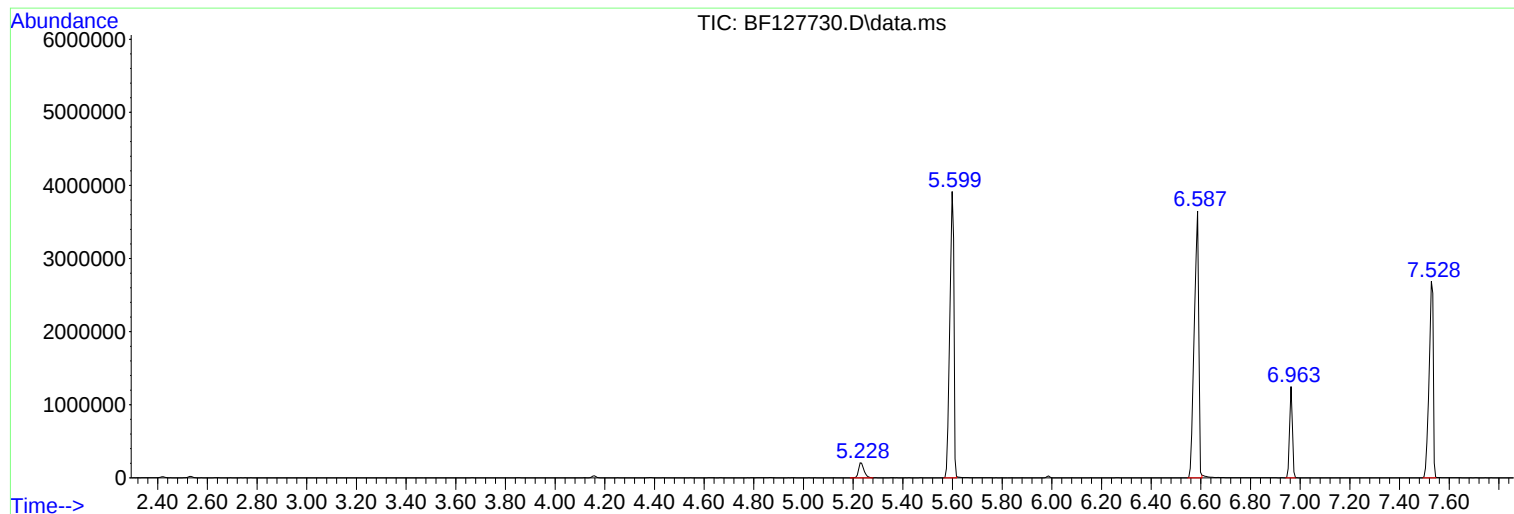
Sum of corrected areas: 36480328

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.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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ClientSampleId :  
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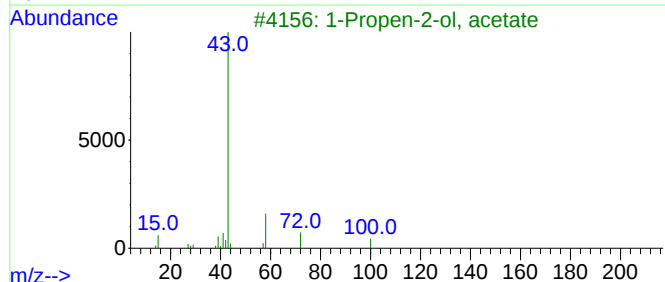
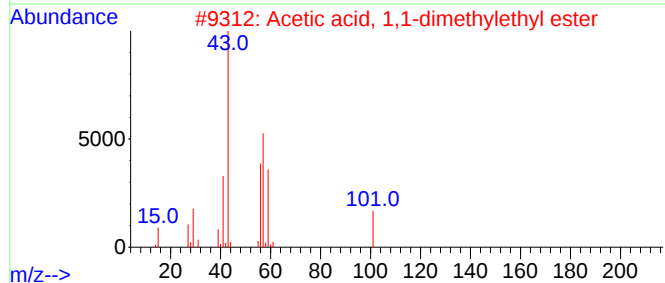
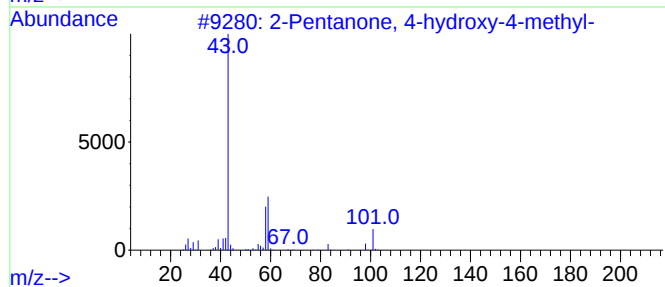
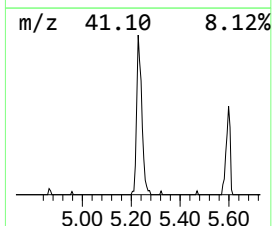
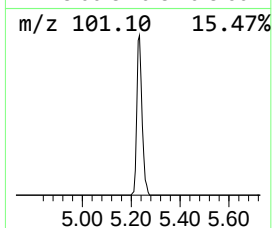
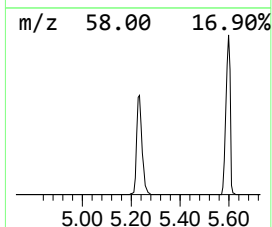
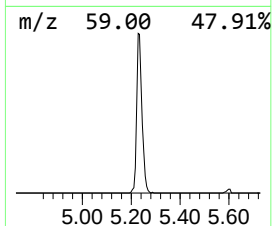
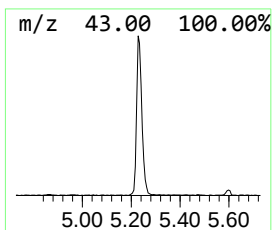
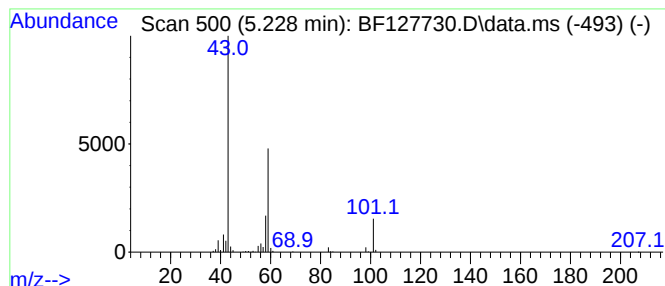
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.  |
|-----------|-------------------------------------|--------|------------------------|---------|-------------|-------|
| 5.228     | 6.25 ng                             | 313641 | 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 | 64    |
| 2         | Acetic acid, 1,1-dimethylethyl e... |        | 116                    | C6H12O2 | 000540-88-5 | 38    |
| 3         | 1-Propen-2-ol, acetate              |        | 100                    | C5H8O2  | 000108-22-5 | 12    |
| 4         | Acetone                             |        | 58                     | C3H6O   | 000067-64-1 | 12    |
| 5         | 2,3-Butanedione, monooxime          |        | 101                    | C4H7NO2 | 000057-71-6 | 10    |



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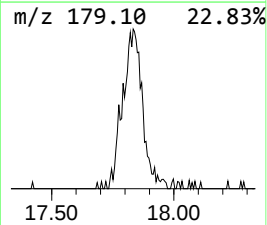
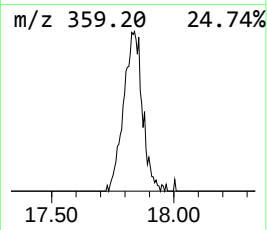
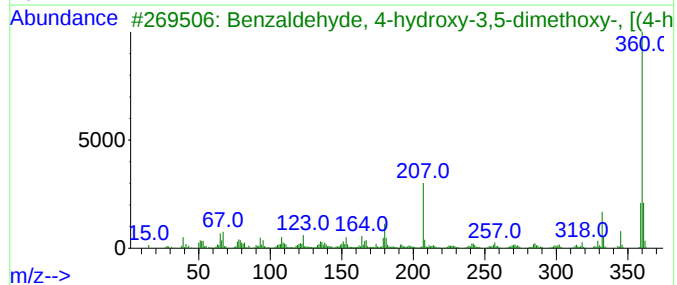
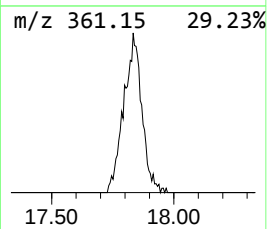
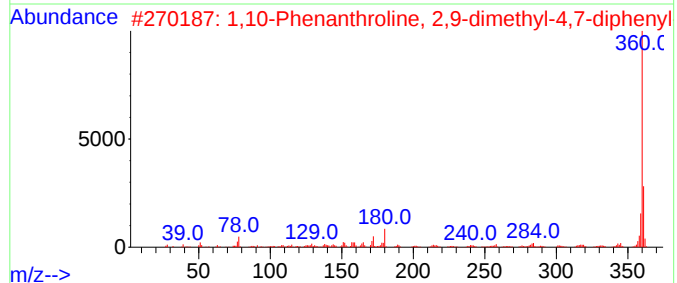
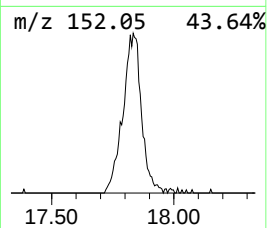
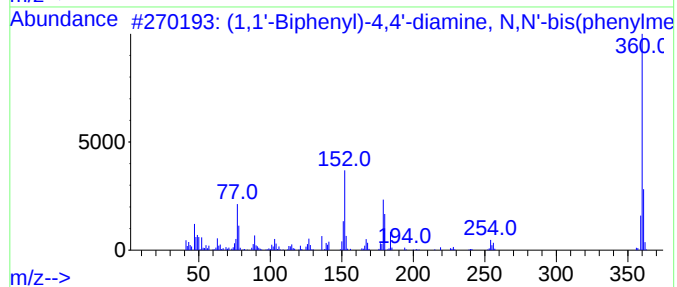
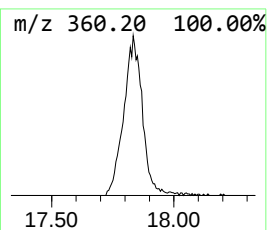
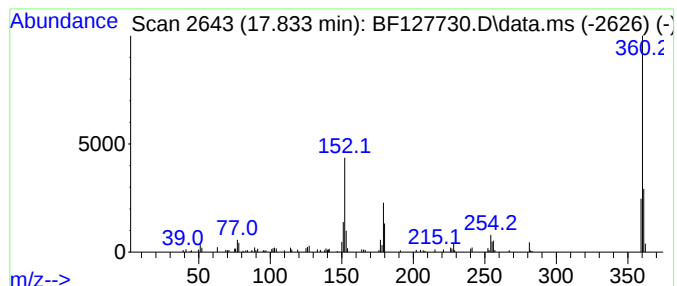
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Peak Number 2 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.833 | 5.87 ng | 359111 | Perylene-d12     | 15.680 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | (1,1'-Biphenyl)-4,4'-diamine, N,... | 360 | C26H20N2   | 006311-48-4  | 91   |
| 2    |    |   | 1,10-Phenanthroline, 2,9-dimethy... | 360 | C26H20N2   | 004733-39-5  | 49   |
| 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  | 43   |
| 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-... | 5.228  | 6.3     | ng    | 313641   | 1                     | 6.963  | 1003360 | 20.0 |
| (1,1'-Biphenyl)... | 17.833 | 5.9     | ng    | 359111   | 6                     | 15.680 | 1224270 | 20.0 |