

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF010821\  
 Data File : BF122937.D  
 Acq On : 8 Jan 2021 13:02  
 Operator : JU/CG  
 Sample : PB133991BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB133991BL

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-BF010721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122937.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         | 5.169       | 516           | 524         | 532          | rBV      | 374974         | 526660        | 6.35%           | 1.066%        |
| 2         | 5.545       | 582           | 588         | 591          | rBV      | 5166366        | 6171728       | 74.43%          | 12.496%       |
| 3         | 6.534       | 749           | 756         | 759          | rBV      | 4796103        | 6172227       | 74.43%          | 12.497%       |
| 4         | 6.916       | 817           | 821         | 824          | rBV      | 1632730        | 1324816       | 15.98%          | 2.682%        |
| 5         | 7.475       | 910           | 916         | 919          | rBV      | 3410042        | 4088441       | 49.30%          | 8.278%        |
| 6         | 8.198       | 1034          | 1039        | 1042         | rBV      | 1845851        | 1736854       | 20.95%          | 3.517%        |
| 7         | 9.280       | 1216          | 1223        | 1226         | rBV      | 6803802        | 7558958       | 91.16%          | 15.305%       |
| 8         | 9.957       | 1333          | 1338        | 1342         | rVB      | 2163337        | 2044725       | 24.66%          | 4.140%        |
| 9         | 10.751      | 1465          | 1473        | 1476         | rBV      | 4659010        | 5012173       | 60.44%          | 10.148%       |
| 10        | 10.886      | 1492          | 1496        | 1501         | rBV      | 66932          | 84102         | 1.01%           | 0.170%        |
| 11        | 11.451      | 1586          | 1592        | 1595         | rBV      | 2295395        | 2079155       | 25.07%          | 4.210%        |
| 12        | 13.051      | 1856          | 1864        | 1867         | rBV      | 7746597        | 8292198       | 100.00%         | 16.790%       |
| 13        | 14.098      | 2035          | 2042        | 2045         | rBV      | 2342898        | 1995433       | 24.06%          | 4.040%        |
| 14        | 14.839      | 2158          | 2168        | 2174         | rBV2     | 88352          | 273467        | 3.30%           | 0.554%        |
| 15        | 15.592      | 2289          | 2296        | 2300         | rBV      | 1387710        | 1732857       | 20.90%          | 3.509%        |
| 16        | 15.633      | 2300          | 2303        | 2311         | rVB      | 74112          | 94870         | 1.14%           | 0.192%        |
| 17        | 16.092      | 2376          | 2381        | 2386         | rVB      | 66939          | 97085         | 1.17%           | 0.197%        |
| 18        | 16.615      | 2465          | 2470        | 2477         | rVB      | 58254          | 102642        | 1.24%           | 0.208%        |

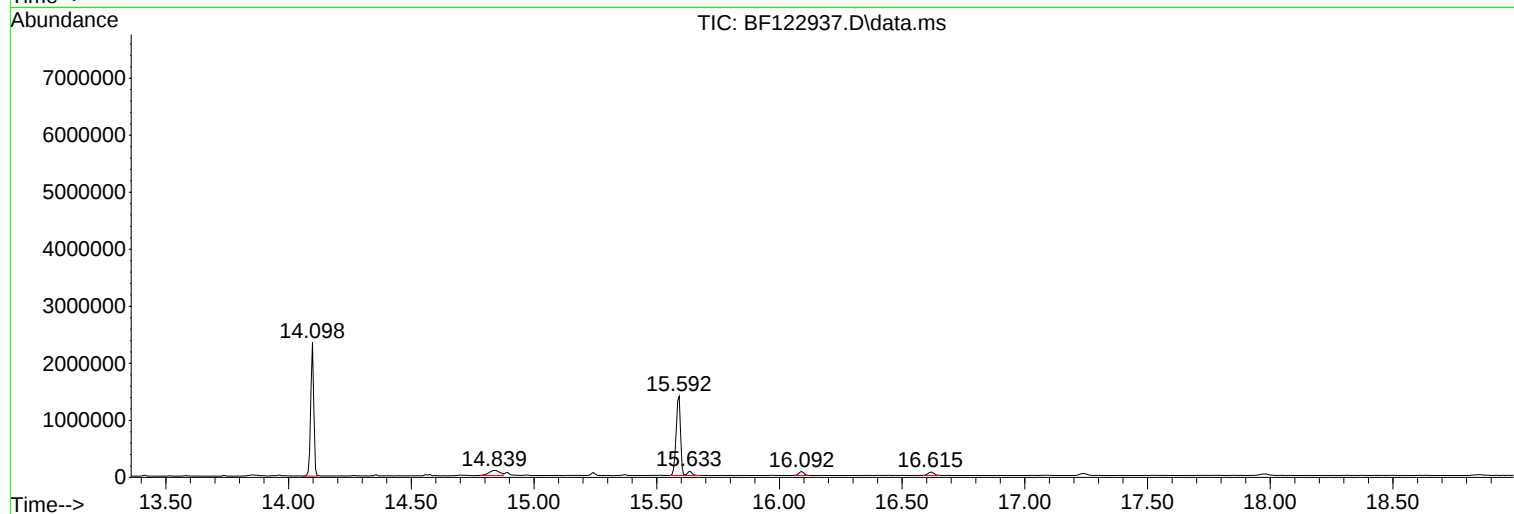
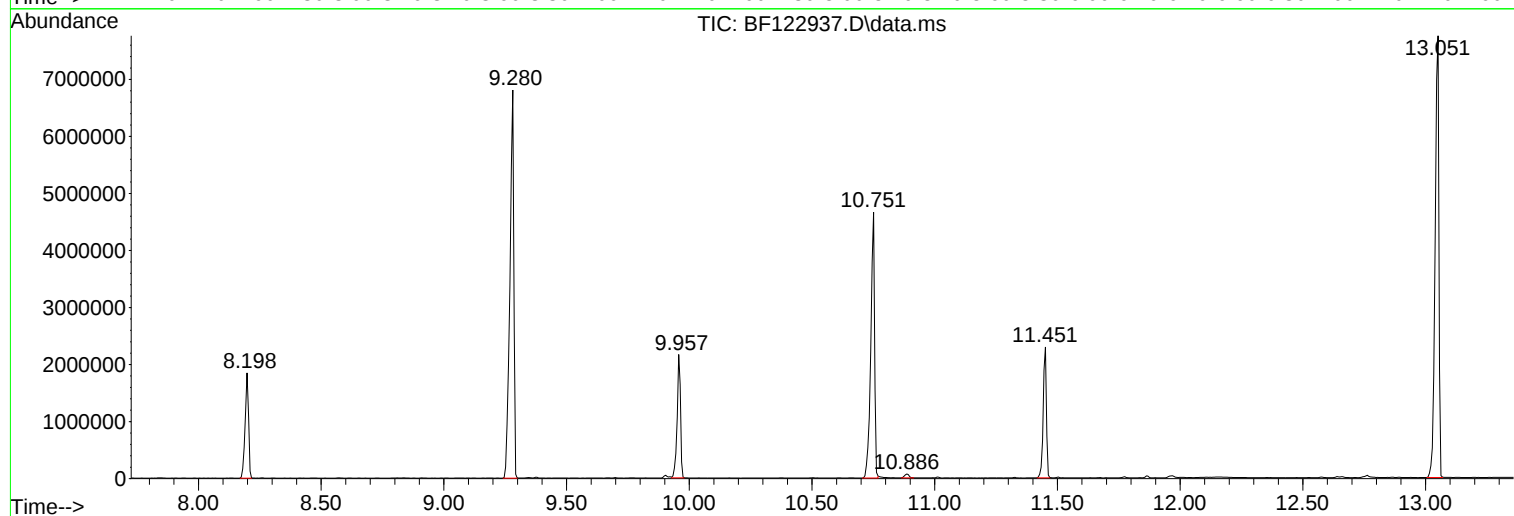
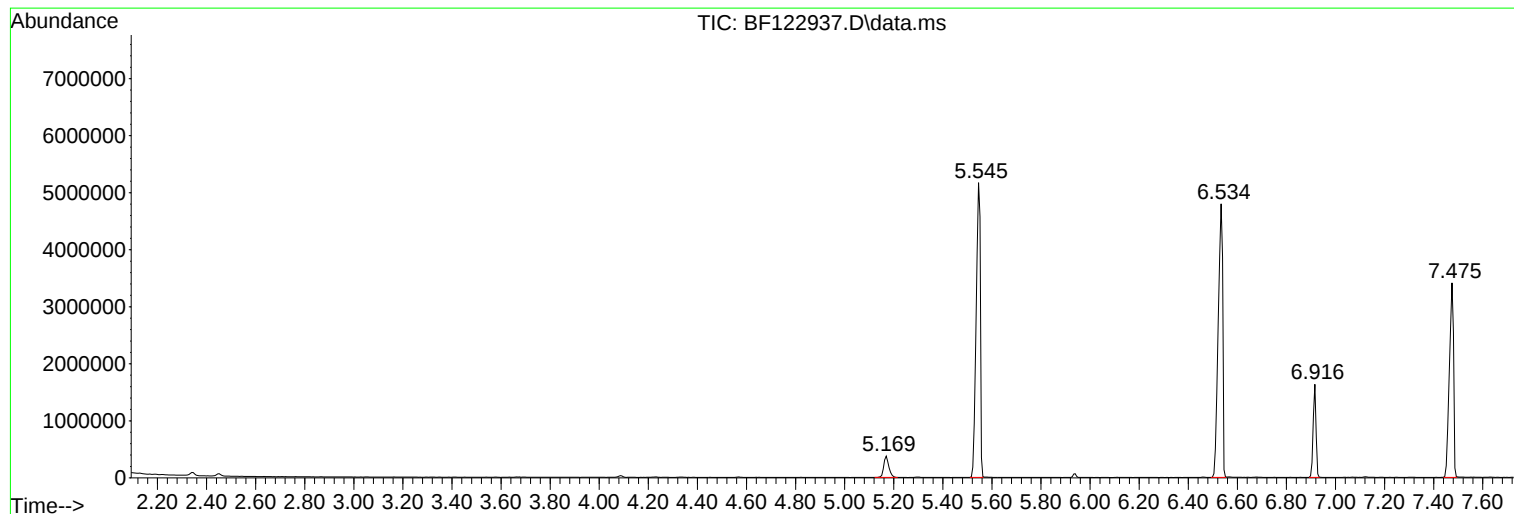
Sum of corrected areas: 49388391

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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF010721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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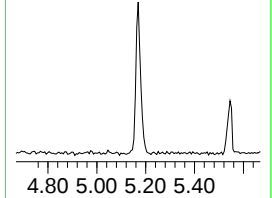
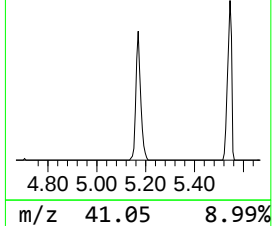
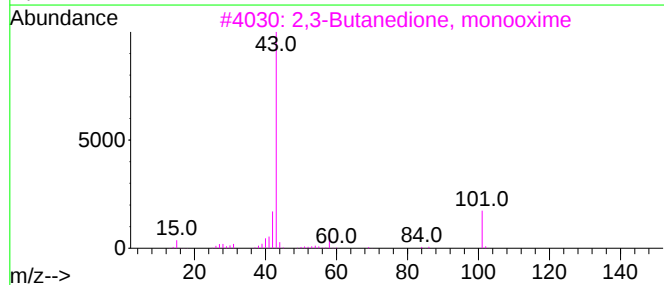
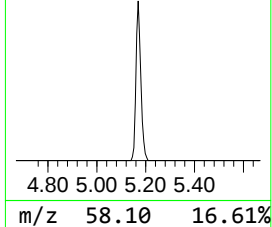
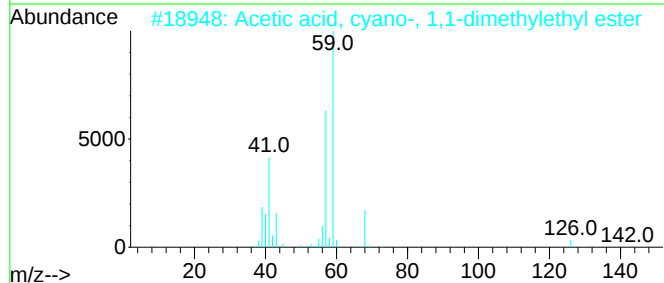
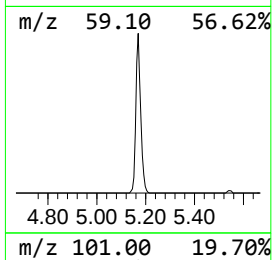
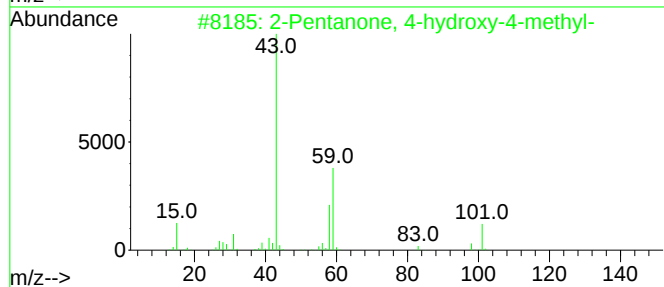
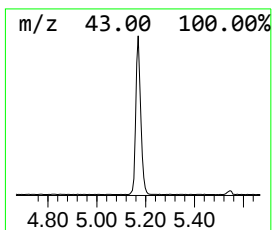
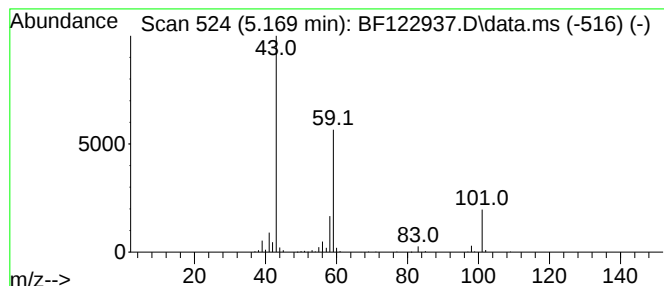
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF010721.M  
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD       |          |             | R.T.  |
|-----------|-------------------------------------|--------|------------------------|----------|-------------|-------|
| 5.169     | 7.95 ng                             | 526660 | 1,4-Dichlorobenzene-d4 |          |             | 6.916 |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm  | CAS#        | Qual  |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl-    |        | 116                    | C6H12O2  | 000123-42-2 | 50    |
| 2         | Acetic acid, cyano-, 1,1-dimethy... |        | 141                    | C7H11NO2 | 001116-98-9 | 25    |
| 3         | 2,3-Butanedione, monooxime          |        | 101                    | C4H7NO2  | 000057-71-6 | 25    |
| 4         | 3-Hexanol, 4-methyl-                |        | 116                    | C7H16O   | 000615-29-2 | 9     |
| 5         | 1,2-Butanediol                      |        | 90                     | C4H10O2  | 000584-03-2 | 9     |



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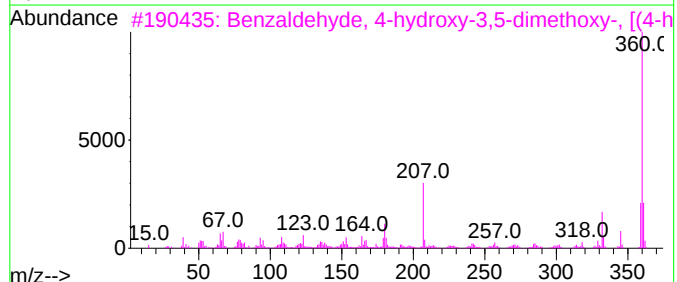
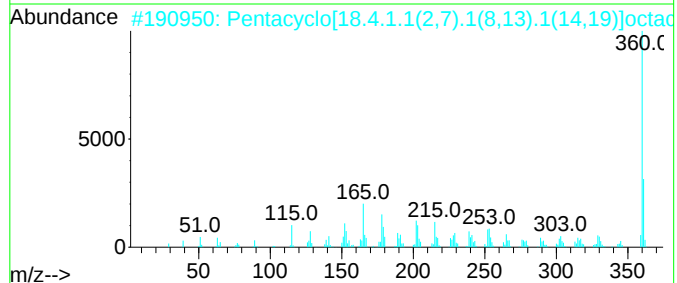
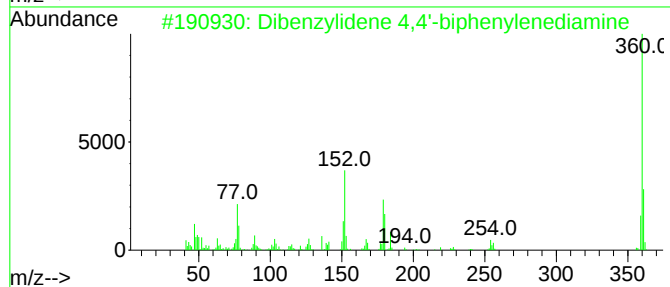
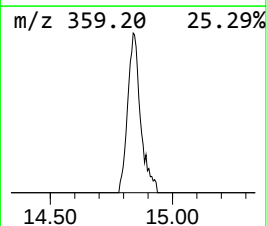
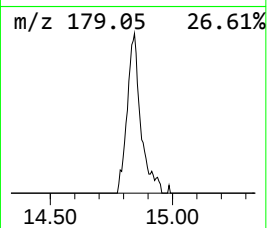
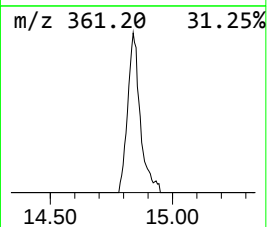
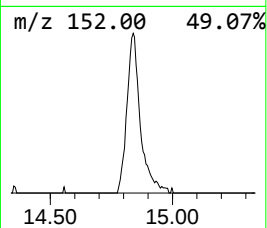
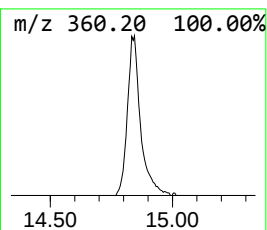
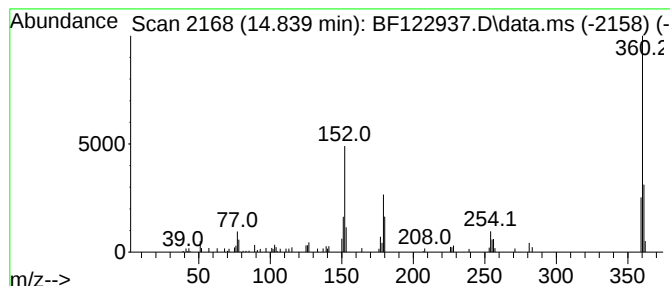
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Peak Number 2 Dibenzylidene 4,4'-biphenyl... Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.839 | 2.74 ng | 273467 | Chrysene-d12     | 14.098 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Dibenzylidene 4,4'-biphenylenedi...  | 360 | C26H20N2   | 006311-48-4 | 93   |
| 2    |    |   | Pentacyclo[18.4.1.1(2,7).1(8,13)...] | 360 | C28H24     | 101077-60-5 | 47   |
| 3    |    |   | Benzaldehyde, 4-hydroxy-3,5-dime...  | 360 | C18H20N2O6 | 014414-32-5 | 47   |
| 4    |    |   | 1,10-Phenanthroline, 2,9-dimethy...  | 360 | C26H20N2   | 004733-39-5 | 46   |
| 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-... | 5.169  | 8.0     | ng    | 526660   | 1                     | 6.916  | 1324820 | 20.0 |
| Dibenzylidene 4... | 14.839 | 2.7     | ng    | 273467   | 5                     | 14.098 | 1995430 | 20.0 |