

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061522\  
 Data File : BF128827.D  
 Acq On : 15 Jun 2022 15:33  
 Operator : CG\JU  
 Sample : N3340-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CS-2

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-BF060222.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128827.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         | 4.993       | 456           | 460         | 467          | rVB      | 24803          | 31452         | 1.54%           | 0.235%        |
| 2         | 5.422       | 529           | 533         | 549          | rBV      | 2143188        | 2038035       | 100.00%         | 15.222%       |
| 3         | 6.440       | 702           | 706         | 718          | rVB      | 2079555        | 1865162       | 91.52%          | 13.930%       |
| 4         | 6.781       | 760           | 764         | 767          | rBV      | 614121         | 465624        | 22.85%          | 3.478%        |
| 5         | 7.345       | 855           | 860         | 863          | rBV      | 1152190        | 1127168       | 55.31%          | 8.419%        |
| 6         | 8.063       | 978           | 982         | 986          | rBV      | 625650         | 537176        | 26.36%          | 4.012%        |
| 7         | 9.145       | 1160          | 1166        | 1169         | rBV      | 2425720        | 2029917       | 99.60%          | 15.161%       |
| 8         | 9.822       | 1277          | 1281        | 1284         | rVB      | 708668         | 543780        | 26.68%          | 4.061%        |
| 9         | 10.616      | 1412          | 1416        | 1430         | rBV      | 1129625        | 952613        | 46.74%          | 7.115%        |
| 10        | 11.310      | 1530          | 1534        | 1536         | rBV      | 643177         | 506010        | 24.83%          | 3.779%        |
| 11        | 11.333      | 1536          | 1538        | 1541         | rVB      | 95586          | 70319         | 3.45%           | 0.525%        |
| 12        | 11.810      | 1617          | 1619        | 1622         | rBV      | 39925          | 37829         | 1.86%           | 0.283%        |
| 13        | 11.839      | 1622          | 1624        | 1628         | rVB      | 54164          | 44211         | 2.17%           | 0.330%        |
| 14        | 11.922      | 1635          | 1638        | 1640         | rBV      | 47253          | 41984         | 2.06%           | 0.314%        |
| 15        | 11.945      | 1640          | 1642        | 1648         | rVB      | 36798          | 31154         | 1.53%           | 0.233%        |
| 16        | 12.363      | 1709          | 1713        | 1716         | rBV      | 44430          | 42381         | 2.08%           | 0.317%        |
| 17        | 12.451      | 1725          | 1728        | 1732         | rBV3     | 23818          | 24252         | 1.19%           | 0.181%        |
| 18        | 12.527      | 1737          | 1741        | 1744         | rVB      | 95396          | 86745         | 4.26%           | 0.648%        |
| 19        | 12.757      | 1774          | 1780        | 1787         | rBV      | 112251         | 128509        | 6.31%           | 0.960%        |
| 20        | 12.898      | 1800          | 1804        | 1808         | rBV      | 1934228        | 1673096       | 82.09%          | 12.496%       |
| 21        | 12.975      | 1813          | 1817        | 1821         | rBV2     | 23530          | 37240         | 1.83%           | 0.278%        |
| 22        | 13.063      | 1829          | 1832        | 1834         | rBV3     | 18998          | 23393         | 1.15%           | 0.175%        |
| 23        | 13.186      | 1851          | 1853        | 1857         | rVB      | 26455          | 23888         | 1.17%           | 0.178%        |
| 24        | 13.592      | 1920          | 1922        | 1927         | rVB      | 20858          | 23320         | 1.14%           | 0.174%        |
| 25        | 13.957      | 1980          | 1984        | 1987         | rBV      | 467040         | 427157        | 20.96%          | 3.190%        |
| 26        | 13.980      | 1987          | 1988        | 1991         | rVB      | 43368          | 24613         | 1.21%           | 0.184%        |
| 27        | 14.051      | 1995          | 2000        | 2003         | rBV      | 245222         | 262570        | 12.88%          | 1.961%        |
| 28        | 15.410      | 2227          | 2231        | 2241         | rVB      | 217113         | 289555        | 14.21%          | 2.163%        |

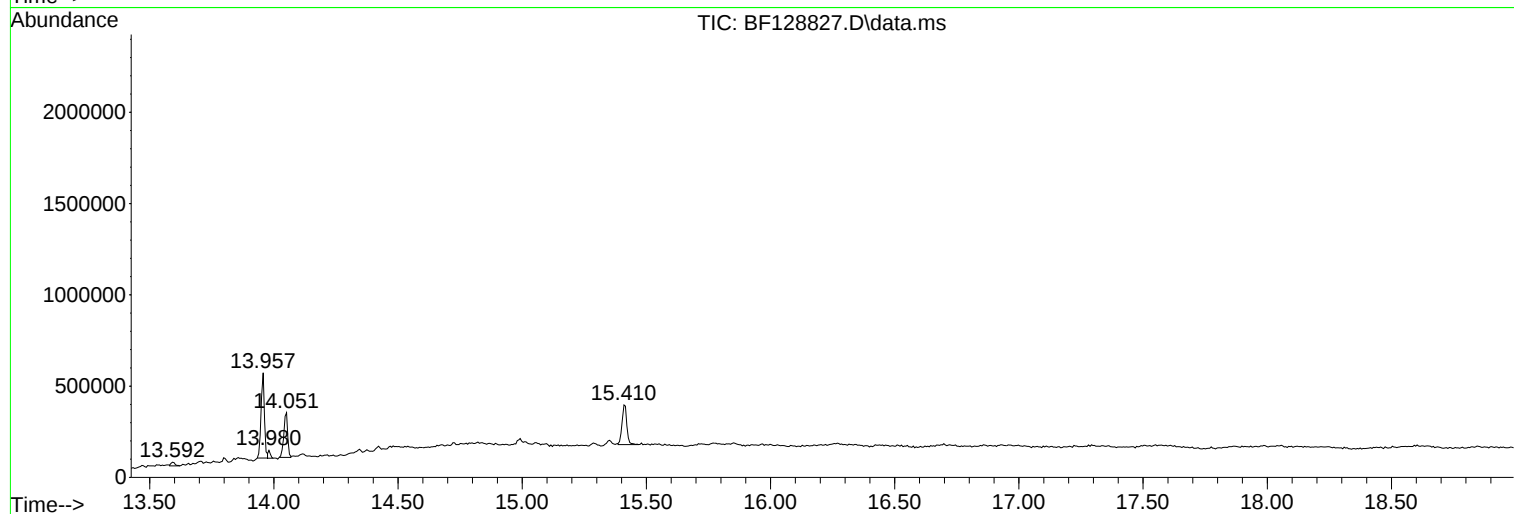
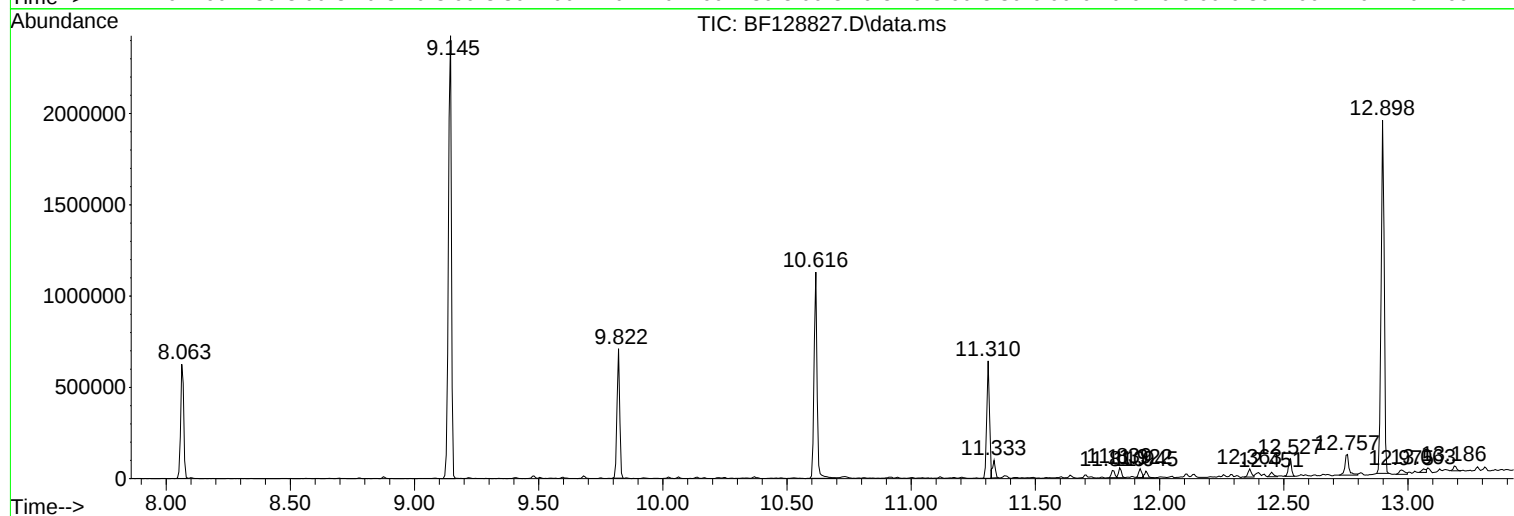
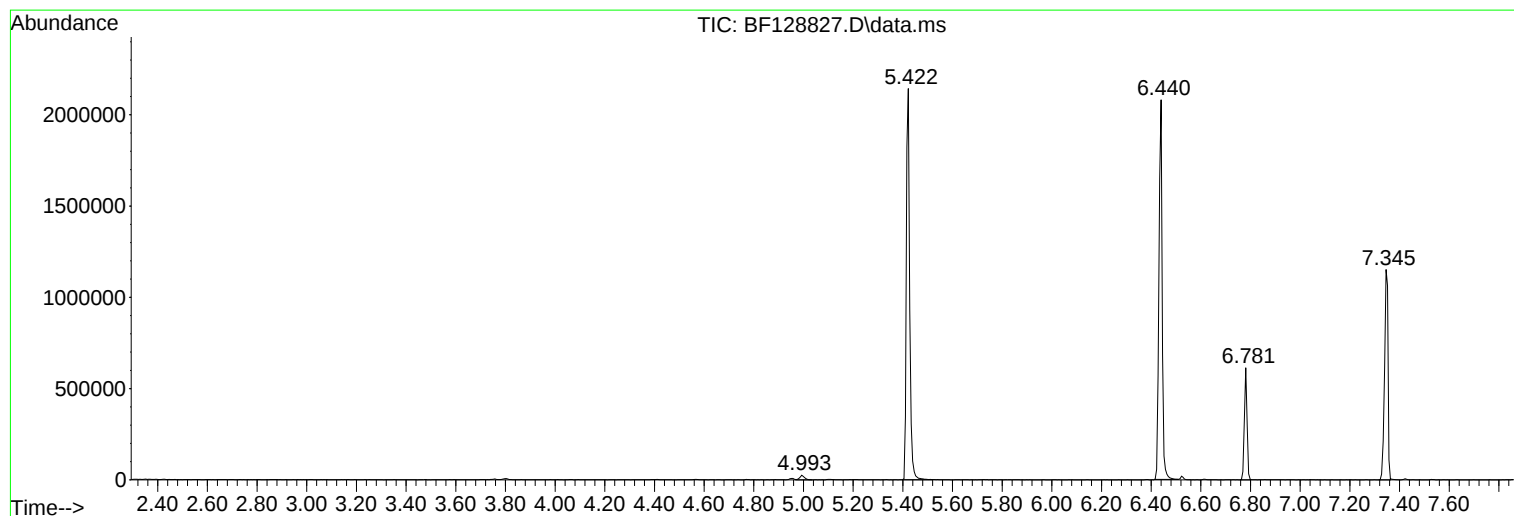
Sum of corrected areas: 13389153

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.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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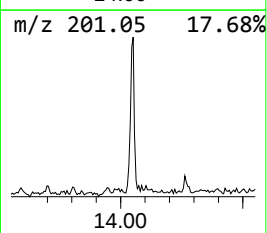
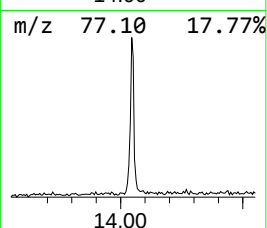
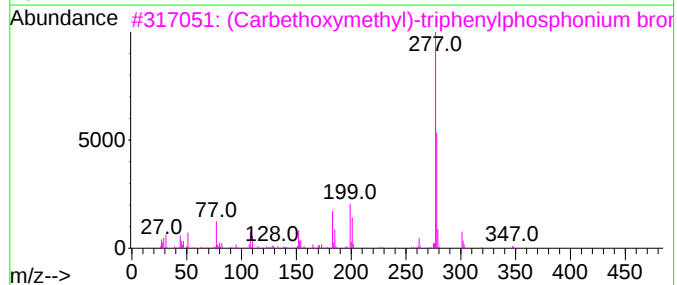
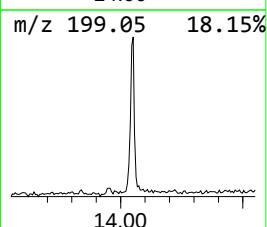
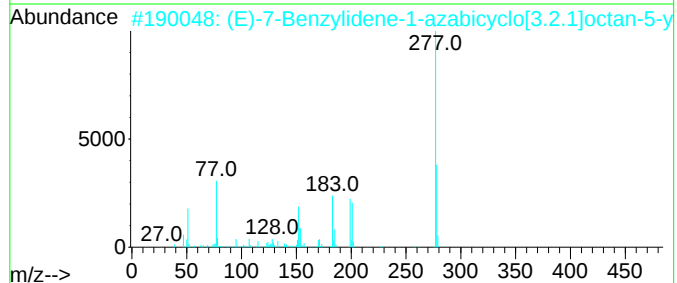
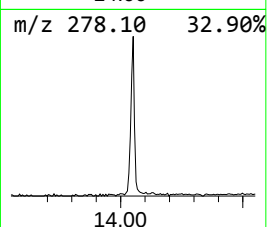
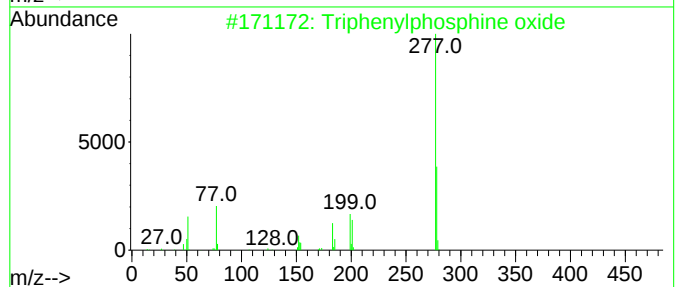
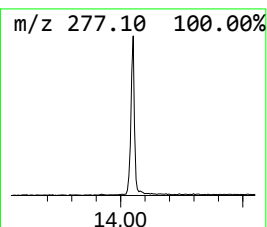
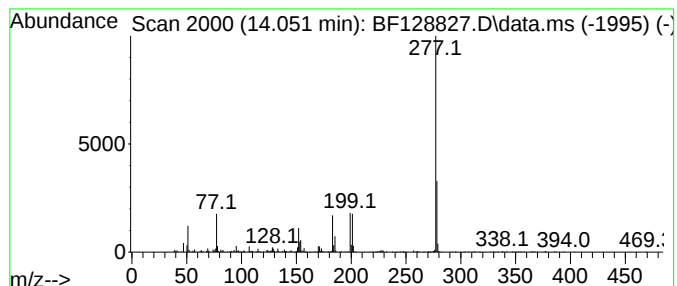
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Triphenylphosphine oxide Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 14.051 | 12.29 ng | 262570 | Chrysene-d12     | 13.957 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm     | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide             | 278 | C18H15OP    | 000791-28-6  | 97   |
| 2    |    |   | (E)-7-Benzylidene-1-azabicyclo[3...] | 293 | C15H19NO3S  | 1000483-83-4 | 62   |
| 3    |    |   | (Carbethoxymethyl)-triphenylphos...  | 428 | C22H22BrO2P | 001530-45-6  | 50   |
| 4    |    |   | 2-Phenyl-6-(trifluoromethyl)-1H-...  | 277 | C15H10F3NO  | 1000387-59-3 | 50   |
| 5    |    |   | Formaldehyde, (triphenylphosphor...  | 304 | C19H17N2P   | 015990-54-2  | 47   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Triphenylphosph... | 14.051 | 12.3    | ng    | 262570   | 5                     | 13.957 | 427157 | 20.0 |