

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090922\  
 Data File : BP011672.D  
 Acq On : 09 Sep 2022 20:15  
 Operator : CG/JU  
 Sample : N4549-23  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 FB090822

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\_P\Methods\8270E-BP090222.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP011672.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         | 3.017       | 3             | 5           | 13           | rVB      | 1273782        | 1558310       | 2.84%           | 0.927%        |
| 2         | 3.093       | 13            | 18          | 35           | rVB      | 13379306       | 16809728      | 30.65%          | 9.996%        |
| 3         | 5.517       | 423           | 430         | 440          | rBV      | 3533129        | 5270580       | 9.61%           | 3.134%        |
| 4         | 7.111       | 694           | 701         | 711          | rBV      | 1933654        | 3081925       | 5.62%           | 1.833%        |
| 5         | 7.958       | 837           | 845         | 853          | rBV      | 1376429        | 2254023       | 4.11%           | 1.340%        |
| 6         | 9.128       | 1035          | 1044        | 1052         | rBV      | 4612981        | 7594168       | 13.85%          | 4.516%        |
| 7         | 10.775      | 1316          | 1324        | 1336         | rVB      | 1749636        | 3036671       | 5.54%           | 1.806%        |
| 8         | 13.228      | 1733          | 1741        | 1756         | rBV      | 12319815       | 18437004      | 33.62%          | 10.964%       |
| 9         | 14.598      | 1967          | 1974        | 1987         | rBV      | 2635586        | 3790787       | 6.91%           | 2.254%        |
| 10        | 16.087      | 2220          | 2227        | 2245         | rBV      | 9339252        | 13503657      | 24.62%          | 8.030%        |
| 11        | 17.351      | 2436          | 2442        | 2452         | rBV      | 3024217        | 4317614       | 7.87%           | 2.568%        |
| 12        | 19.904      | 2871          | 2876        | 2882         | rBV      | 18827536       | 23606883      | 43.05%          | 14.038%       |
| 13        | 21.433      | 3131          | 3136        | 3142         | rBV      | 3772404        | 4796956       | 8.75%           | 2.853%        |
| 14        | 21.569      | 3152          | 3159        | 3188         | rBV      | 31831488       | 54840363      | 100.00%         | 32.612%       |
| 15        | 23.898      | 3549          | 3555        | 3566         | rVB2     | 2583508        | 5260185       | 9.59%           | 3.128%        |

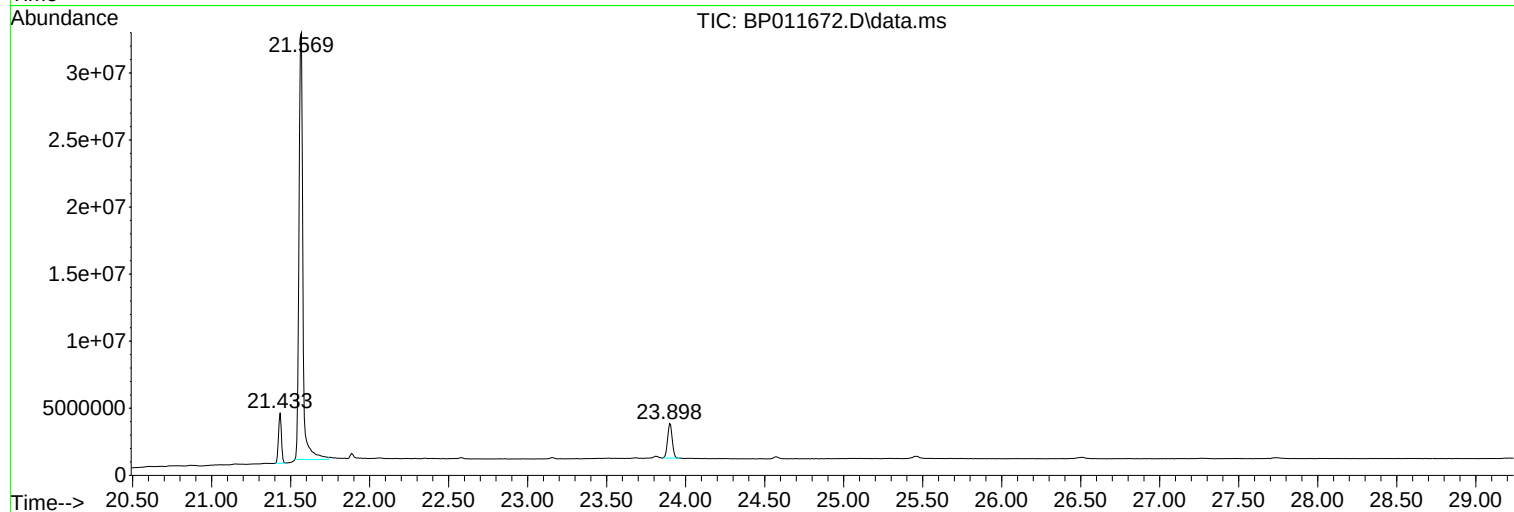
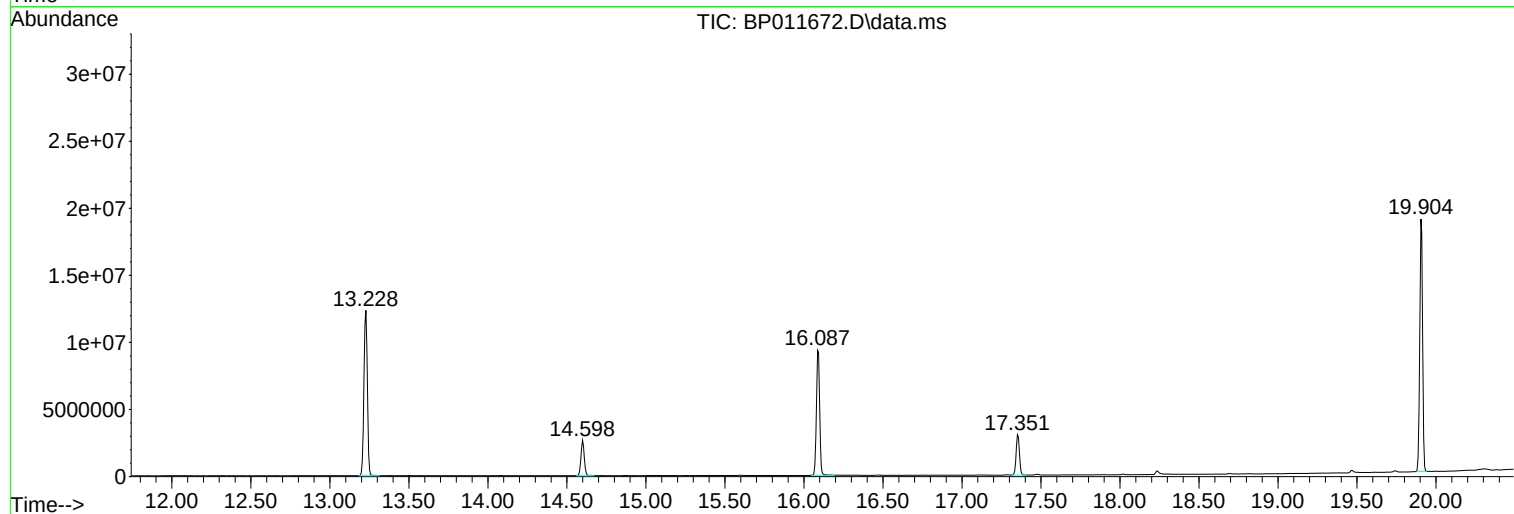
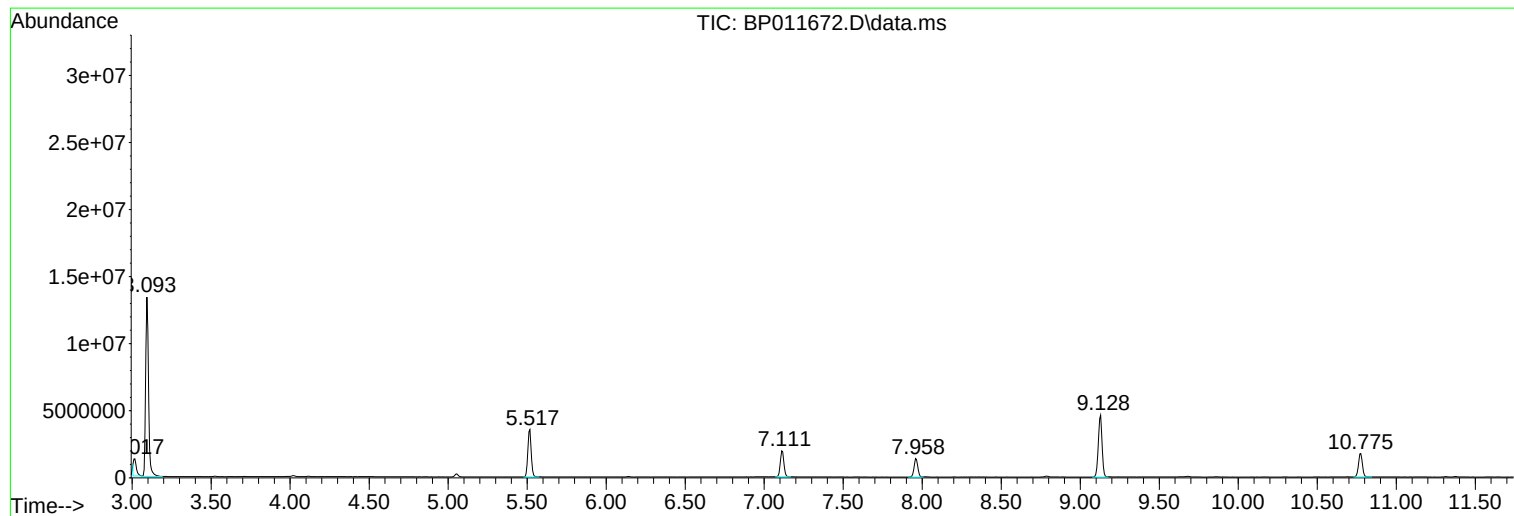
Sum of corrected areas: 168158854

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP090222.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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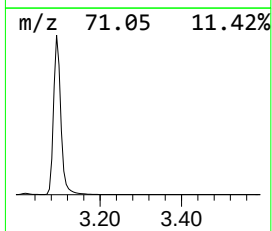
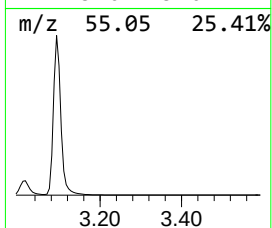
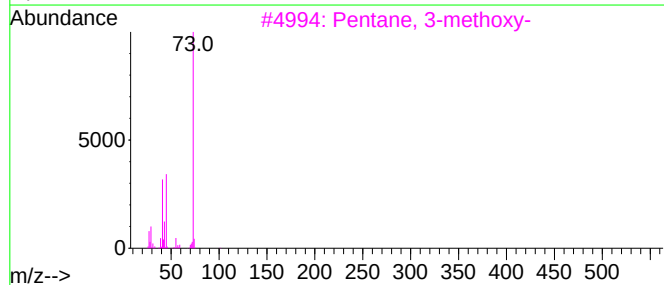
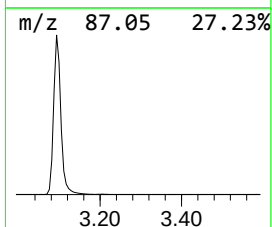
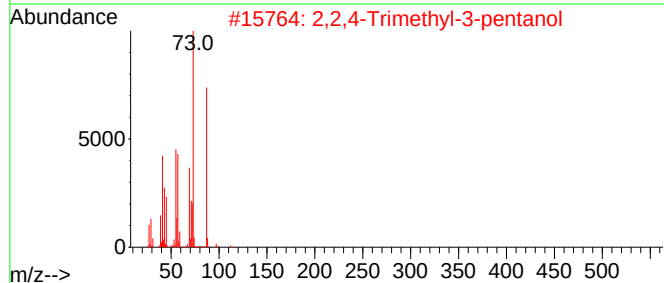
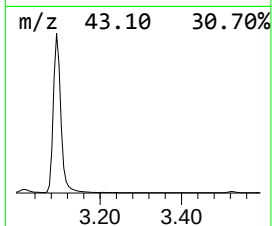
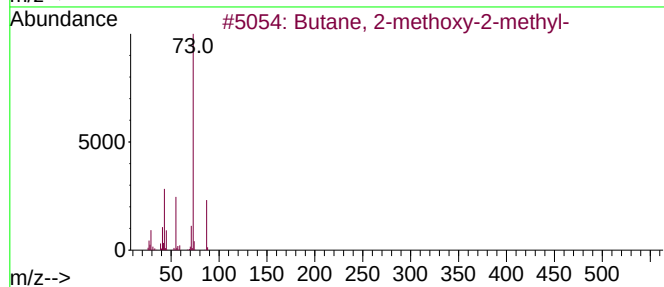
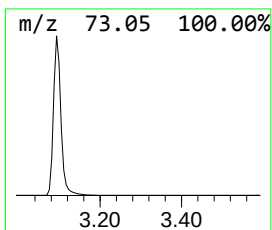
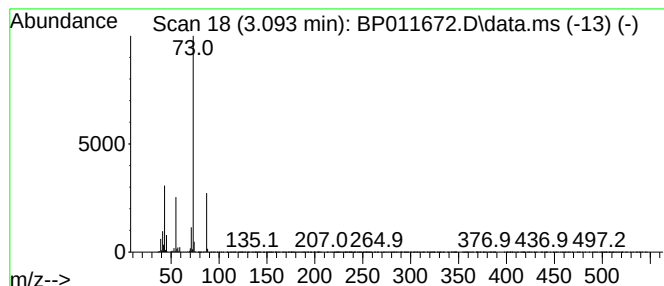
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP090222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

| R.T.  | EstConc   | Area     | Relative to ISTD       | R.T.  |
|-------|-----------|----------|------------------------|-------|
| 3.093 | 149.15 ng | 16809700 | 1,4-Dichlorobenzene-d4 | 7.958 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 4    |    |   | Borane, dimethoxy-          | 74  | C2H7BO2 | 004542-61-4 | 9    |
| 5    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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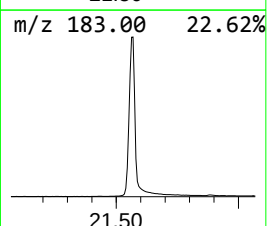
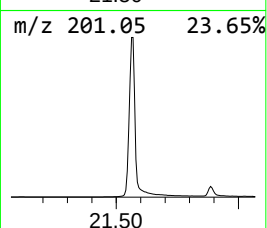
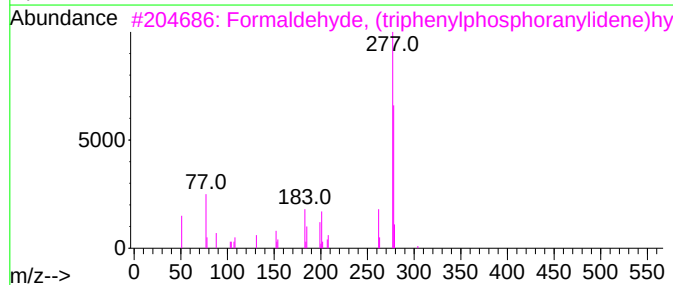
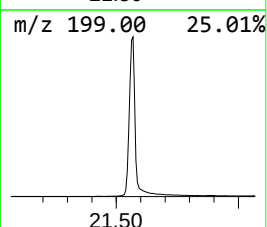
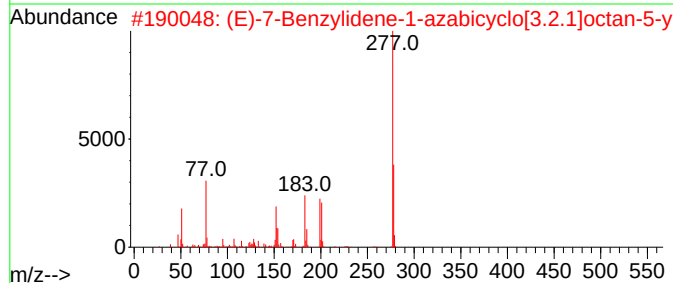
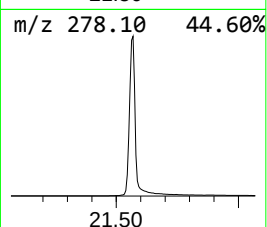
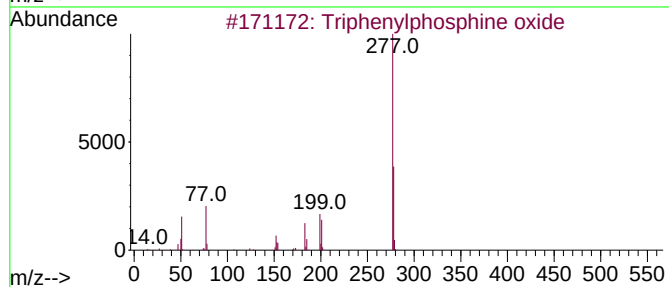
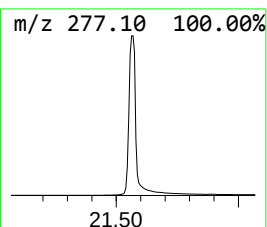
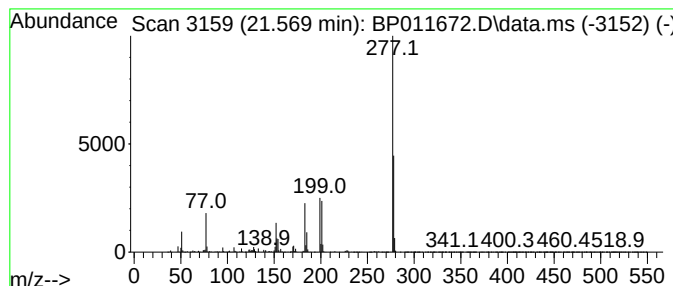
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Peak Number 3 Triphenylphosphine oxide Concentration Rank 1

| R.T.   | EstConc   | Area     | Relative to ISTD | R.T.   |
|--------|-----------|----------|------------------|--------|
| 21.569 | 228.65 ng | 54840400 | Chrysene-d12     | 21.433 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide             | 278 | C18H15OP   | 000791-28-6  | 95   |
| 2    |    |   | (E)-7-Benzylidene-1-azabicyclo[3...] | 293 | C15H19N03S | 1000483-83-4 | 72   |
| 3    |    |   | Formaldehyde, (triphenylphosphor...  | 304 | C19H17N2P  | 015990-54-2  | 56   |
| 4    |    |   | Quinoline, 2-(2-methyl-5-nitroph...  | 278 | C17H14N2O2 | 311765-54-5  | 37   |
| 5    |    |   | Cobalt,(.eta.<5>-2,4-cyclopentad...  | 277 | C16H15BCo  | 036682-12-9  | 17   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 3.093  | 149.2   | ng    | 16809700 | 1                     | 7.958  | 2254020 | 20.0 |
| Triphenylphosph... | 21.569 | 228.7   | ng    | 54840400 | 5                     | 21.433 | 4796960 | 20.0 |