

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011221\  
 Data File : BP004525.D  
 Acq On : 13 Jan 2021 02:43  
 Operator : CG/JU  
 Sample : M1077-01 5X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 JC-03-011121-A

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-BP011221.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP004525.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         | 5.405       | 371           | 377         | 386          | rBV      | 414727         | 641877        | 16.79%          | 2.736%        |
| 2         | 6.987       | 638           | 646         | 661          | rBV      | 393263         | 692479        | 18.11%          | 2.952%        |
| 3         | 7.816       | 779           | 787         | 798          | rBV      | 770401         | 1254090       | 32.80%          | 5.345%        |
| 4         | 8.969       | 977           | 983         | 992          | rBV      | 231506         | 402624        | 10.53%          | 1.716%        |
| 5         | 10.610      | 1251          | 1262        | 1278         | rBV      | 1056469        | 1845973       | 48.28%          | 7.868%        |
| 6         | 13.081      | 1673          | 1682        | 1694         | rBV      | 822995         | 1219400       | 31.89%          | 5.198%        |
| 7         | 13.287      | 1713          | 1717        | 1723         | rVB3     | 23091          | 38472         | 1.01%           | 0.164%        |
| 8         | 14.369      | 1896          | 1901        | 1907         | rBV      | 28485          | 42507         | 1.11%           | 0.181%        |
| 9         | 14.463      | 1908          | 1917        | 1925         | rBV2     | 1694827        | 2585786       | 67.63%          | 11.022%       |
| 10        | 14.869      | 1981          | 1986        | 1993         | rVB2     | 22499          | 39188         | 1.02%           | 0.167%        |
| 11        | 15.733      | 2128          | 2133        | 2138         | rVB      | 27342          | 41805         | 1.09%           | 0.178%        |
| 12        | 15.963      | 2165          | 2172        | 2181         | rBV      | 616377         | 939011        | 24.56%          | 4.002%        |
| 13        | 16.192      | 2207          | 2211        | 2213         | rBV2     | 54538          | 80705         | 2.11%           | 0.344%        |
| 14        | 16.980      | 2340          | 2345        | 2351         | rBV2     | 276867         | 374429        | 9.79%           | 1.596%        |
| 15        | 17.039      | 2352          | 2355        | 2359         | rVV2     | 35920          | 53104         | 1.39%           | 0.226%        |
| 16        | 17.086      | 2359          | 2363        | 2368         | rVB      | 50219          | 67172         | 1.76%           | 0.286%        |
| 17        | 17.227      | 2381          | 2387        | 2392         | rBV      | 2039529        | 3055243       | 79.91%          | 13.023%       |
| 18        | 17.269      | 2392          | 2394        | 2401         | rVB      | 69643          | 82756         | 2.16%           | 0.353%        |
| 19        | 17.727      | 2469          | 2472        | 2476         | rVB      | 36804          | 41073         | 1.07%           | 0.175%        |
| 20        | 18.398      | 2584          | 2586        | 2590         | rBV      | 33864          | 38460         | 1.01%           | 0.164%        |
| 21        | 18.851      | 2660          | 2663        | 2668         | rBV2     | 90497          | 125057        | 3.27%           | 0.533%        |
| 22        | 19.239      | 2726          | 2729        | 2736         | rBV      | 126594         | 168369        | 4.40%           | 0.718%        |
| 23        | 19.786      | 2818          | 2822        | 2827         | rBV      | 1504131        | 1842813       | 48.20%          | 7.855%        |
| 24        | 21.092      | 3041          | 3044        | 3048         | rBV      | 386729         | 509890        | 13.34%          | 2.173%        |
| 25        | 21.321      | 3078          | 3083        | 3087         | rBV      | 2640313        | 3455367       | 90.37%          | 14.728%       |
| 26        | 23.674      | 3478          | 3483        | 3498         | rVB2     | 1924639        | 3823508       | 100.00%         | 16.297%       |

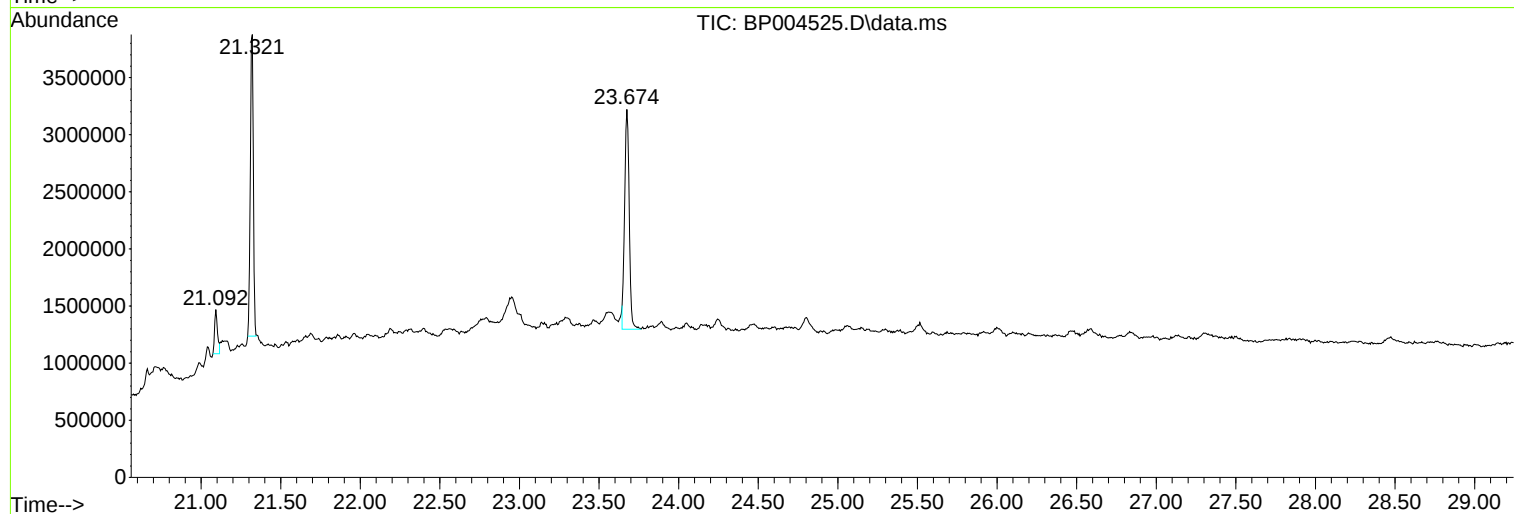
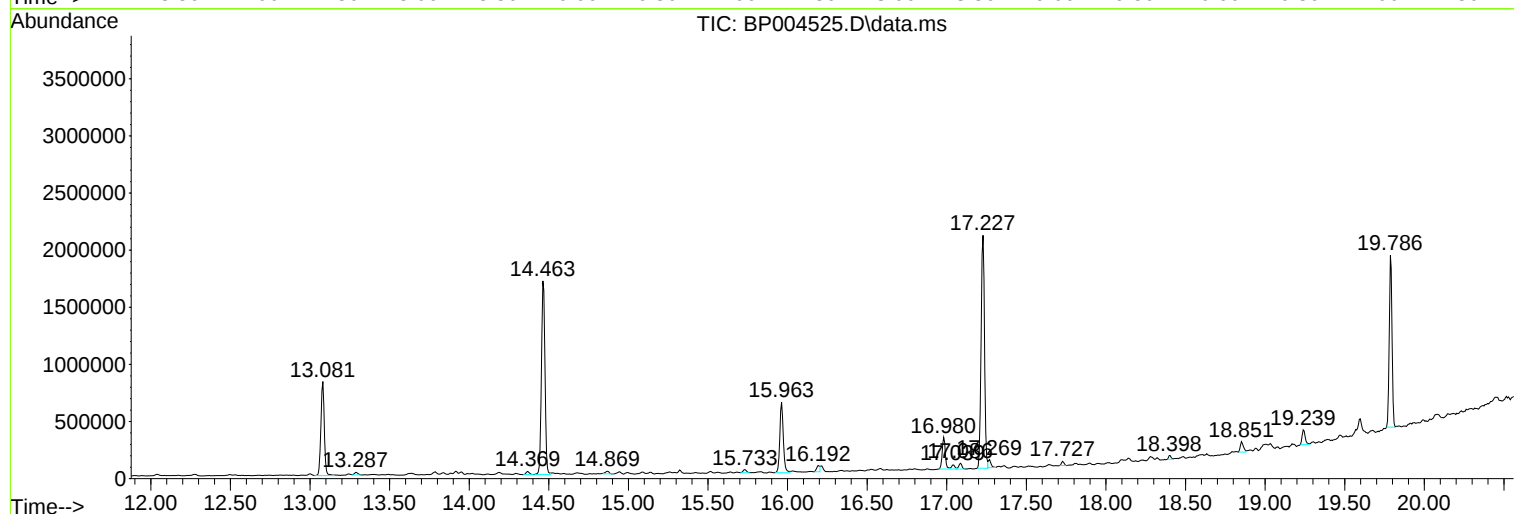
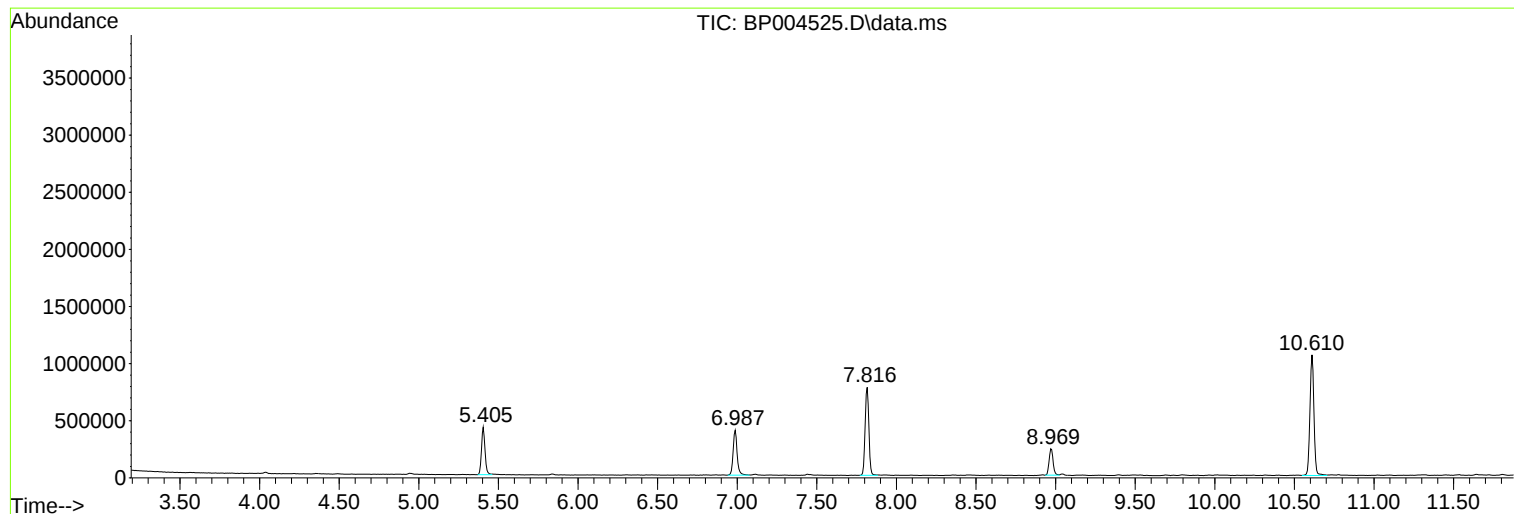
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270E-BP011221.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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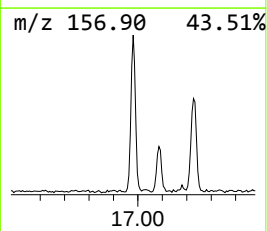
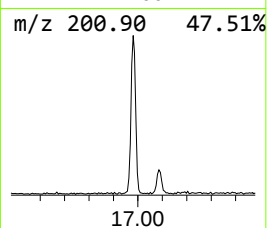
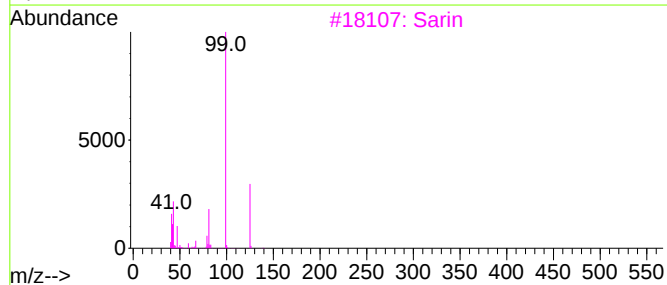
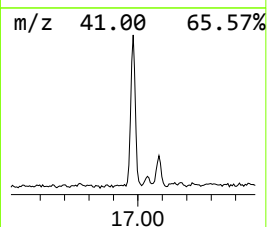
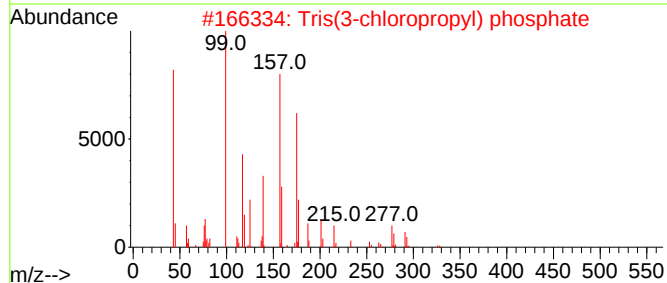
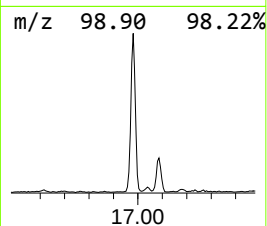
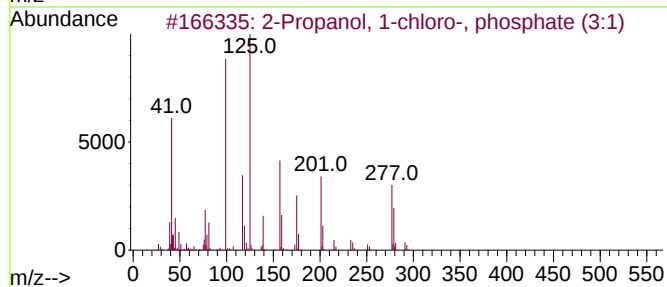
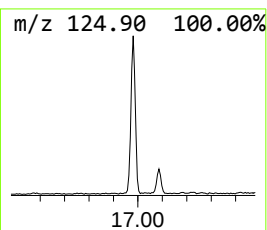
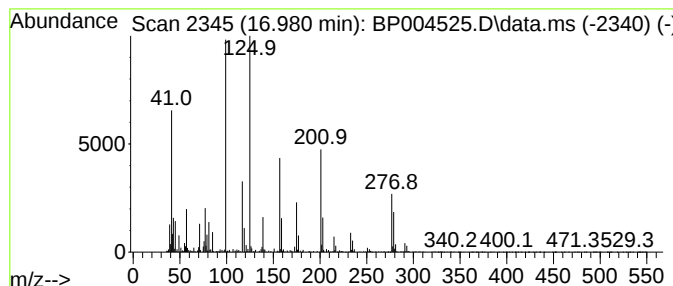
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 2-Propanol, 1-chloro-, phos... Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.980 | 2.45 ng | 374429 | Phenanthrene-d10 | 17.227 |

| Hit# | of 5                                | Tentative ID | MW          | MolForm     | CAS# | Qual |
|------|-------------------------------------|--------------|-------------|-------------|------|------|
| 1    | 2-Propanol, 1-chloro-, phosphate... | 326          | C9H18Cl3O4P | 013674-84-5 | 93   |      |
| 2    | Tris(3-chloropropyl) phosphate      | 326          | C9H18Cl3O4P | 001067-98-7 | 37   |      |
| 3    | Sarin                               | 140          | C4H10FO2P   | 000107-44-8 | 32   |      |
| 4    | Bis(1-chloro-2-propyl)(3-chloro-... | 326          | C9H18Cl3O4P | 137909-40-1 | 22   |      |
| 5    | Bis(3-chloro-1-propyl)(1-chloro-... | 326          | C9H18Cl3O4P | 137888-35-8 | 16   |      |



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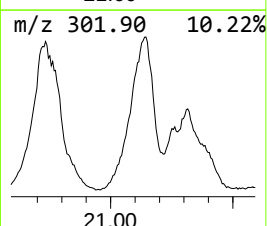
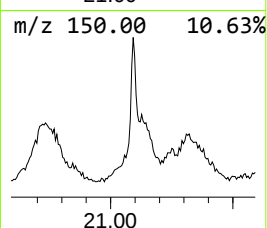
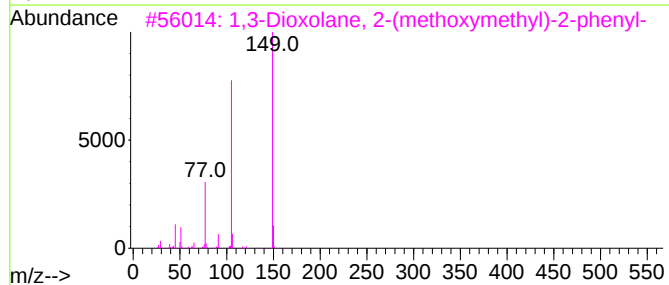
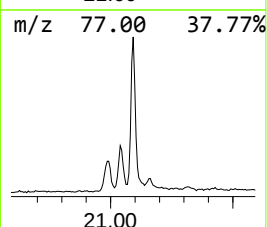
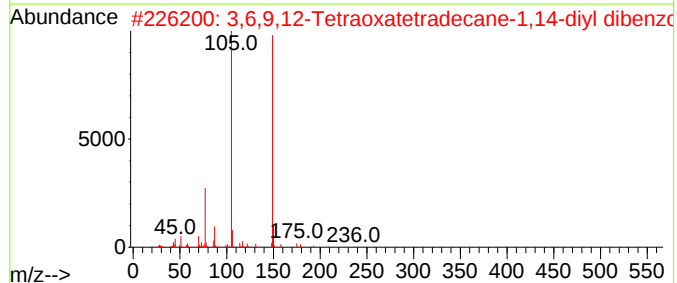
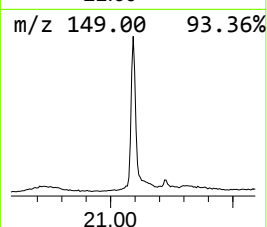
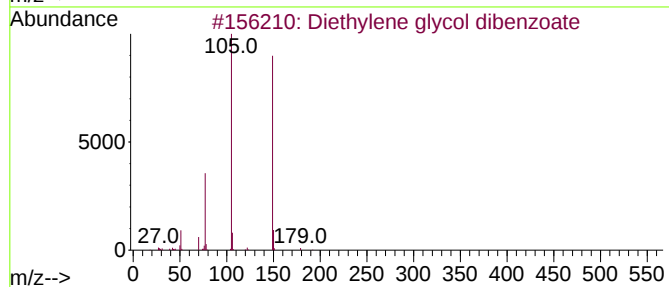
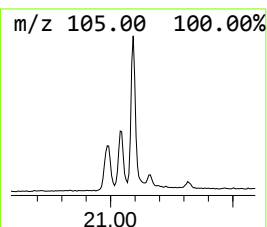
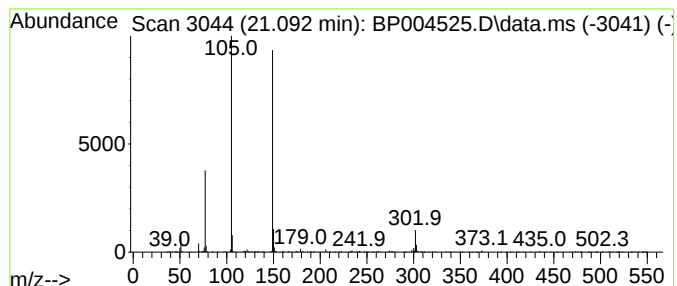
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Peak Number 2 Diethylene glycol dibenzoate Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.092 | 2.95 ng | 509890 | Chrysene-d12     | 21.321 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Diethylene glycol dibenzoate        | 314 | C18H18O5 | 000120-55-8  | 58   |
| 2    |    |   | 3,6,9,12-Tetraoxatetradecane-1,1... | 446 | C24H30O8 | 1000366-97-0 | 53   |
| 3    |    |   | 1,3-Dioxolane, 2-(methoxymethyl)... | 194 | C11H14O3 | 1000156-71-2 | 53   |
| 4    |    |   | 2,5,8,11-Tetraoxatridecan-13-yl ... | 312 | C16H24O6 | 1000366-96-7 | 42   |
| 5    |    |   | Phthalic acid, 2-cyclohexylethyl... | 360 | C22H32O4 | 1000309-87-6 | 42   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 2-Propanol, 1-c... | 16.980 | 2.5     | ng    | 374429   | 4                     | 17.227 | 3055240 | 20.0 |
| Diethylene glyc... | 21.092 | 3.0     | ng    | 509890   | 5                     | 21.321 | 3455370 | 20.0 |