

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE110424\  
 Data File : BE101470.D  
 Acq On : 4 Nov 2024 00:01  
 Operator : RC/JU  
 Sample : P4679-01 5X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 MH-1

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\_E\Methods\8270-BE102824.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BE101470.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         | 2.790       | 31            | 34          | 44           | rVB2     | 8871           | 18278         | 1.02%           | 0.175%        |
| 2         | 2.873       | 44            | 48          | 61           | rVB      | 141718         | 212655        | 11.84%          | 2.032%        |
| 3         | 5.323       | 458           | 465         | 477          | rBV      | 141638         | 257798        | 14.36%          | 2.464%        |
| 4         | 6.950       | 734           | 742         | 760          | rBV      | 123502         | 276281        | 15.39%          | 2.640%        |
| 5         | 7.567       | 841           | 847         | 856          | rBV      | 269374         | 435522        | 24.25%          | 4.162%        |
| 6         | 8.783       | 1046          | 1054        | 1064         | rBV      | 94893          | 178608        | 9.95%           | 1.707%        |
| 7         | 10.340      | 1311          | 1319        | 1325         | rBV      | 385206         | 676005        | 37.65%          | 6.460%        |
| 8         | 12.802      | 1731          | 1738        | 1745         | rBV      | 318280         | 494272        | 27.52%          | 4.723%        |
| 9         | 14.177      | 1966          | 1972        | 1980         | rBV      | 652647         | 985945        | 54.91%          | 9.422%        |
| 10        | 14.753      | 2064          | 2070        | 2071         | rBV      | 11666          | 18879         | 1.05%           | 0.180%        |
| 11        | 15.546      | 2201          | 2205        | 2211         | rVB      | 28102          | 36640         | 2.04%           | 0.350%        |
| 12        | 15.687      | 2223          | 2229        | 2236         | rBV      | 280859         | 424994        | 23.67%          | 4.061%        |
| 13        | 15.752      | 2236          | 2240        | 2245         | rVB3     | 19947          | 36980         | 2.06%           | 0.353%        |
| 14        | 16.915      | 2432          | 2438        | 2443         | rBV      | 841138         | 1242170       | 69.17%          | 11.871%       |
| 15        | 16.956      | 2443          | 2445        | 2453         | rVB      | 98330          | 118791        | 6.62%           | 1.135%        |
| 16        | 17.044      | 2456          | 2460        | 2464         | rVV      | 20985          | 30488         | 1.70%           | 0.291%        |
| 17        | 17.767      | 2580          | 2583        | 2587         | rBV      | 19261          | 25228         | 1.40%           | 0.241%        |
| 18        | 17.814      | 2588          | 2591        | 2597         | rVB2     | 26404          | 36840         | 2.05%           | 0.352%        |
| 19        | 17.973      | 2612          | 2618        | 2621         | rBV4     | 26325          | 54526         | 3.04%           | 0.521%        |
| 20        | 18.554      | 2715          | 2717        | 2721         | rVB2     | 18100          | 18542         | 1.03%           | 0.177%        |
| 21        | 18.960      | 2782          | 2786        | 2791         | rBV      | 191890         | 264215        | 14.71%          | 2.525%        |
| 22        | 19.330      | 2845          | 2849        | 2854         | rVB      | 181055         | 241172        | 13.43%          | 2.305%        |
| 23        | 19.506      | 2874          | 2879        | 2887         | rBV      | 719190         | 889929        | 49.56%          | 8.505%        |
| 24        | 21.075      | 3140          | 3146        | 3151         | rBV      | 1211947        | 1693636       | 94.31%          | 16.185%       |
| 25        | 23.372      | 3531          | 3537        | 3546         | rVB      | 931749         | 1795727       | 100.00%         | 17.161%       |

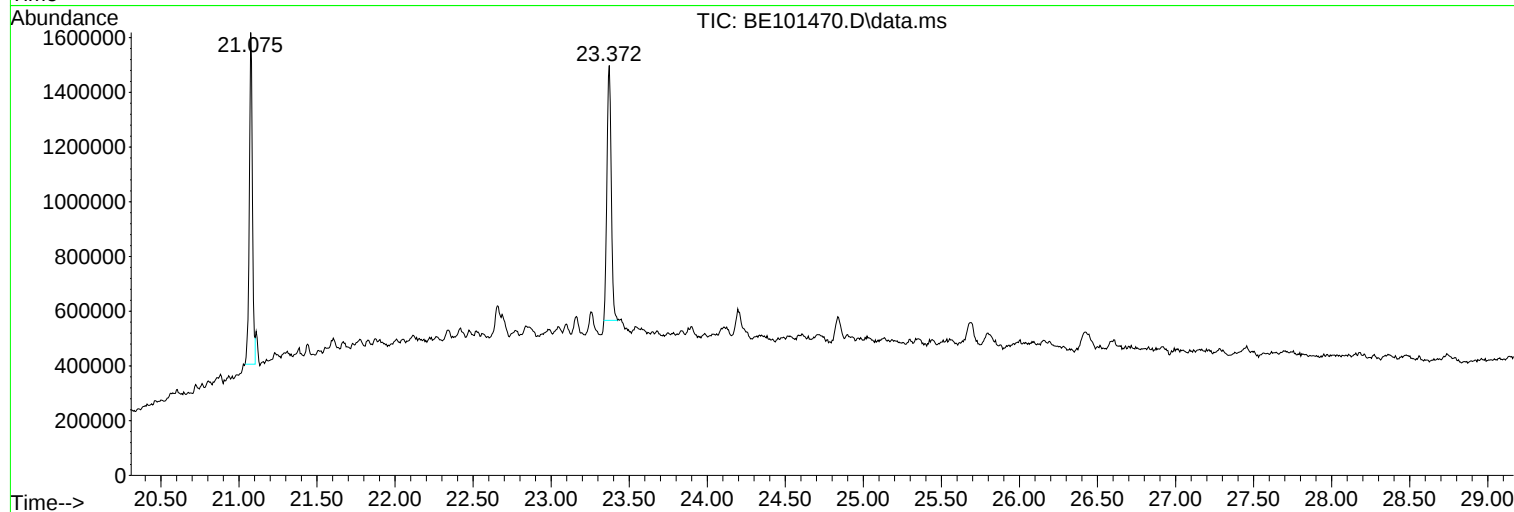
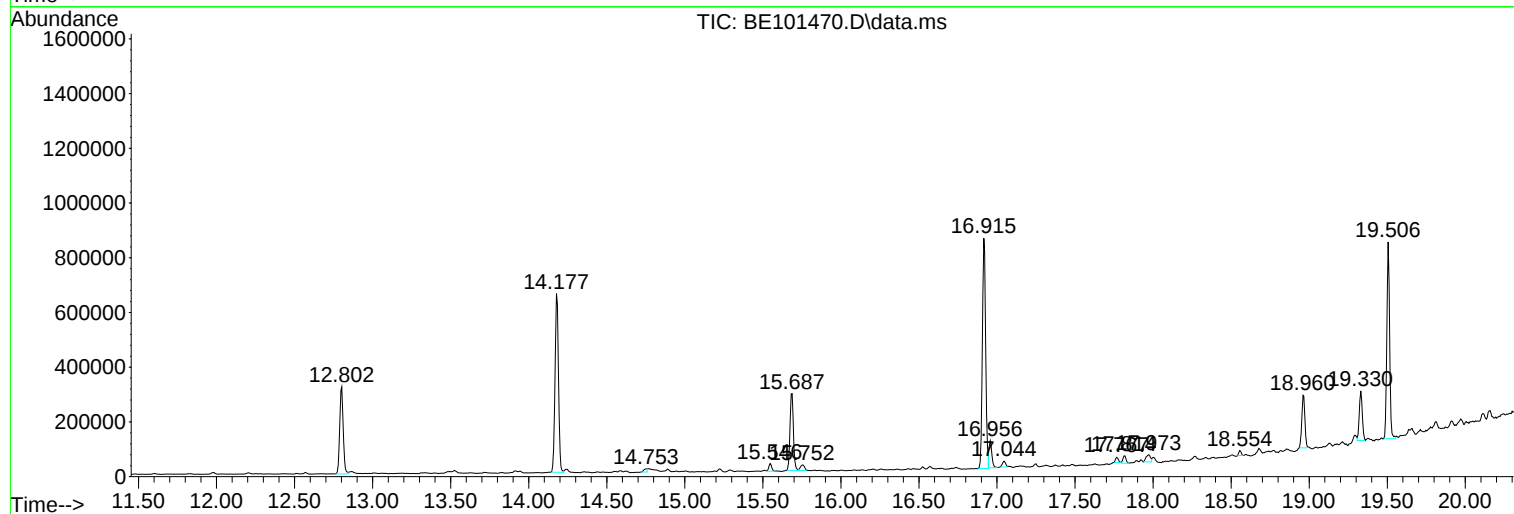
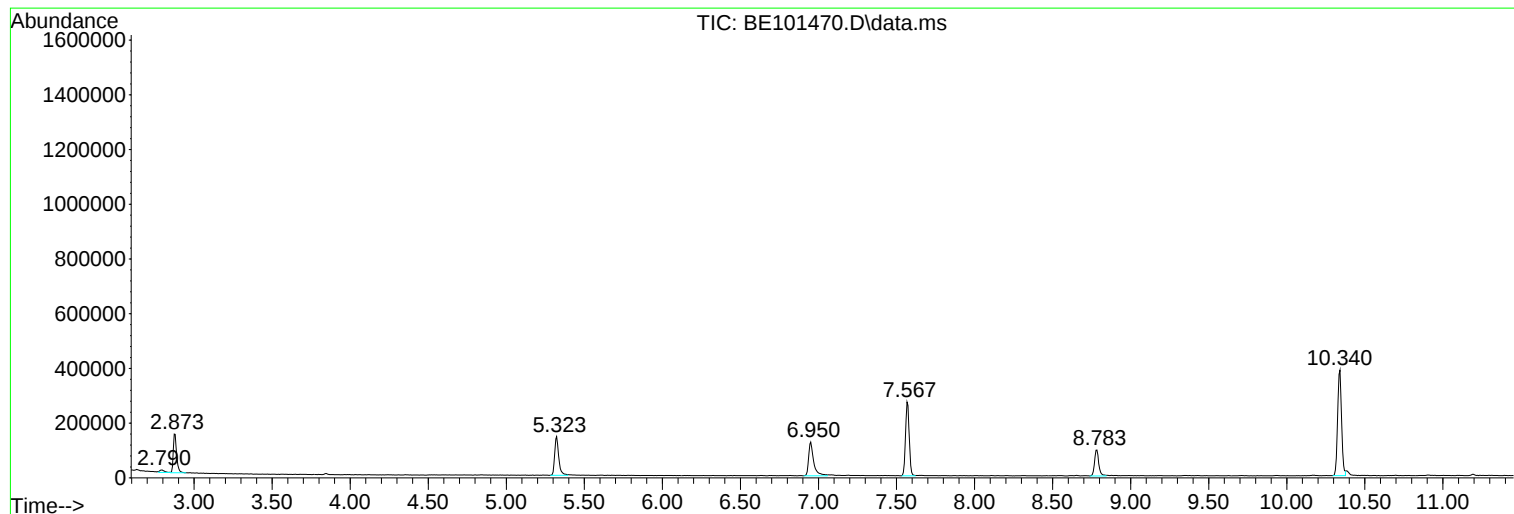
Sum of corrected areas: 10464121

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE102824.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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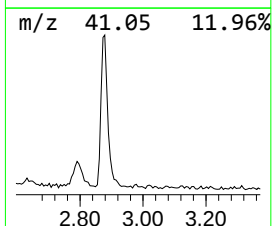
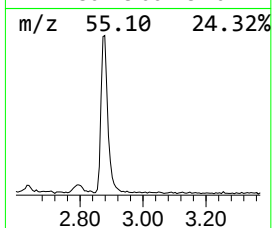
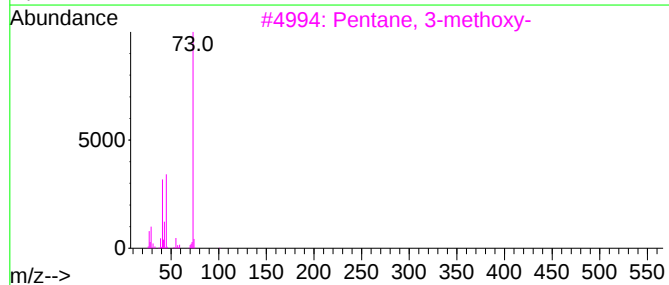
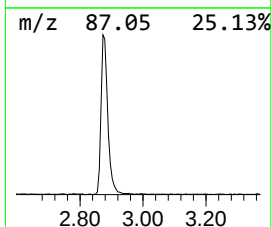
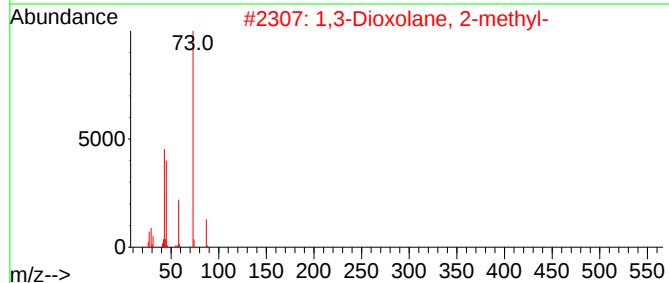
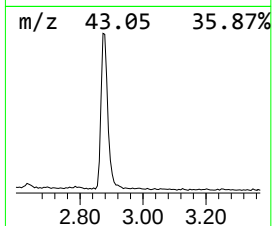
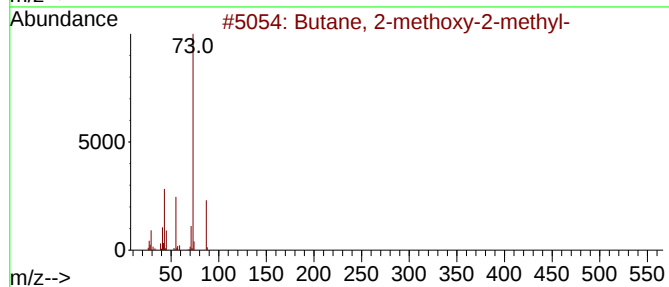
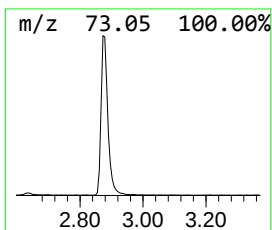
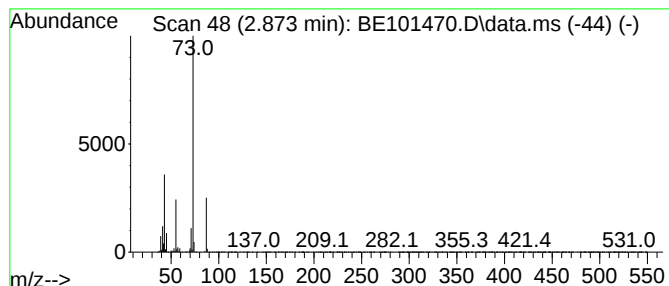
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 2.873 | 9.77 ng | 212655 | 1,4-Dichlorobenzene-d4 | 7.567 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 37   |
| 3    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 23   |
| 4    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |
| 5    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-metho... | 2.873 | 9.8     | ng    | 212655   | 1                     | 7.567 | 435522 | 20.0 |