

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP011723\  
 Data File : BP013489.D  
 Acq On : 17 Jan 2023 10:44  
 Operator : CG/JU  
 Sample : PB150211BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB150211BL

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-BP011223.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP013489.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       | 301           | 307         | 317          | rBV      | 3794392        | 5100877       | 15.96%          | 3.690%        |
| 2         | 5.463       | 380           | 387         | 400          | rBV      | 8478270        | 12135403      | 37.97%          | 8.779%        |
| 3         | 7.069       | 652           | 660         | 677          | rBV      | 8109539        | 12928472      | 40.46%          | 9.352%        |
| 4         | 7.905       | 795           | 802         | 812          | rVB      | 1547433        | 2368042       | 7.41%           | 1.713%        |
| 5         | 9.075       | 993           | 1001        | 1016         | rBV      | 4795664        | 7843430       | 24.54%          | 5.674%        |
| 6         | 10.716      | 1272          | 1280        | 1291         | rBV      | 2016648        | 3412651       | 10.68%          | 2.469%        |
| 7         | 13.175      | 1691          | 1698        | 1714         | rBV      | 13110868       | 19120614      | 59.83%          | 13.832%       |
| 8         | 14.557      | 1926          | 1933        | 1942         | rBV      | 3351620        | 4892494       | 15.31%          | 3.539%        |
| 9         | 16.051      | 2180          | 2187        | 2206         | rBV      | 11693097       | 16641404      | 52.07%          | 12.038%       |
| 10        | 17.316      | 2395          | 2402        | 2415         | rBV      | 4482040        | 6301866       | 19.72%          | 4.559%        |
| 11        | 19.874      | 2831          | 2837        | 2842         | rBV      | 24891578       | 31956861      | 100.00%         | 23.117%       |
| 12        | 21.404      | 3092          | 3097        | 3107         | rBV      | 5528671        | 7616053       | 23.83%          | 5.509%        |
| 13        | 23.868      | 3509          | 3516        | 3528         | rVB2     | 3923125        | 7921395       | 24.79%          | 5.730%        |

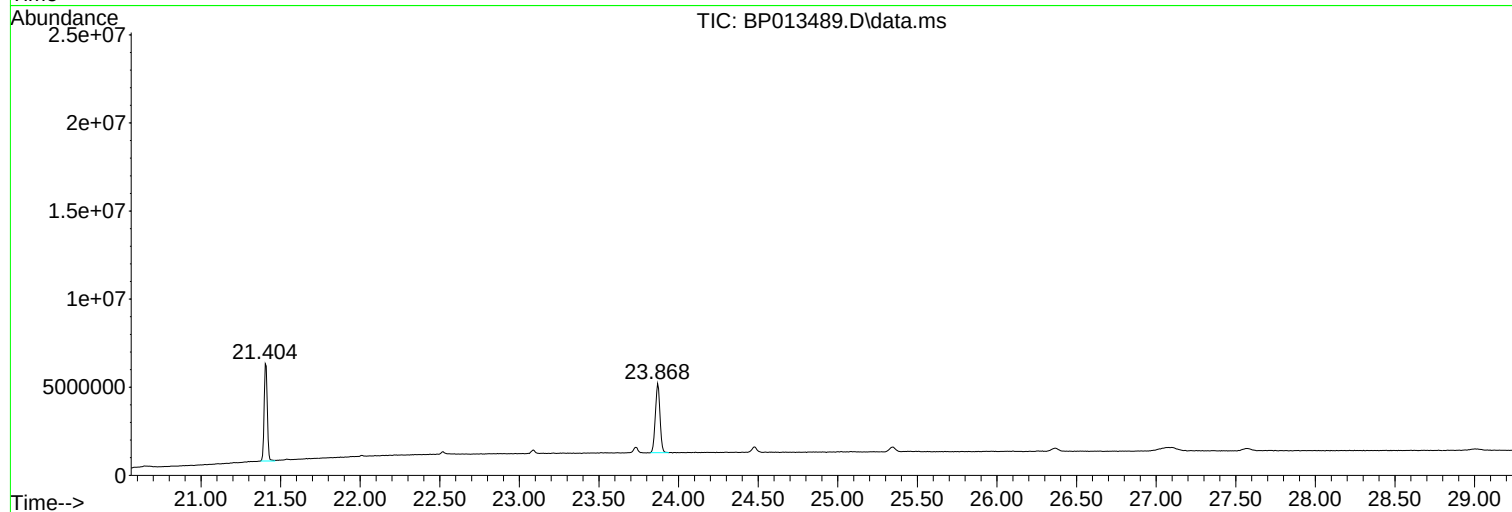
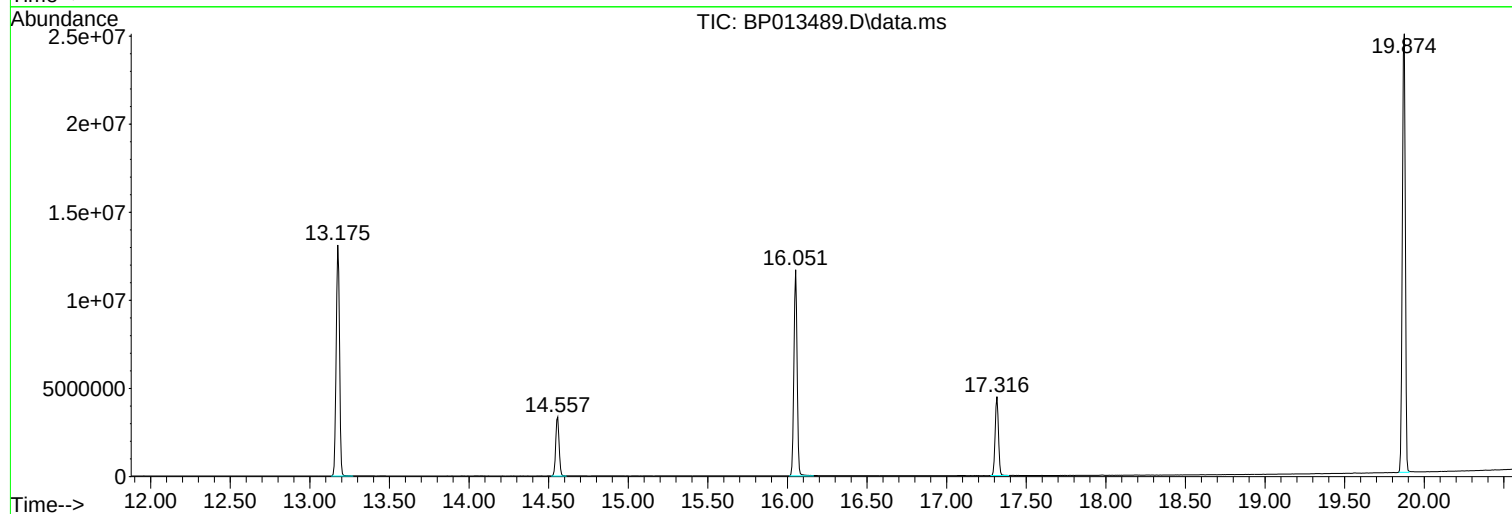
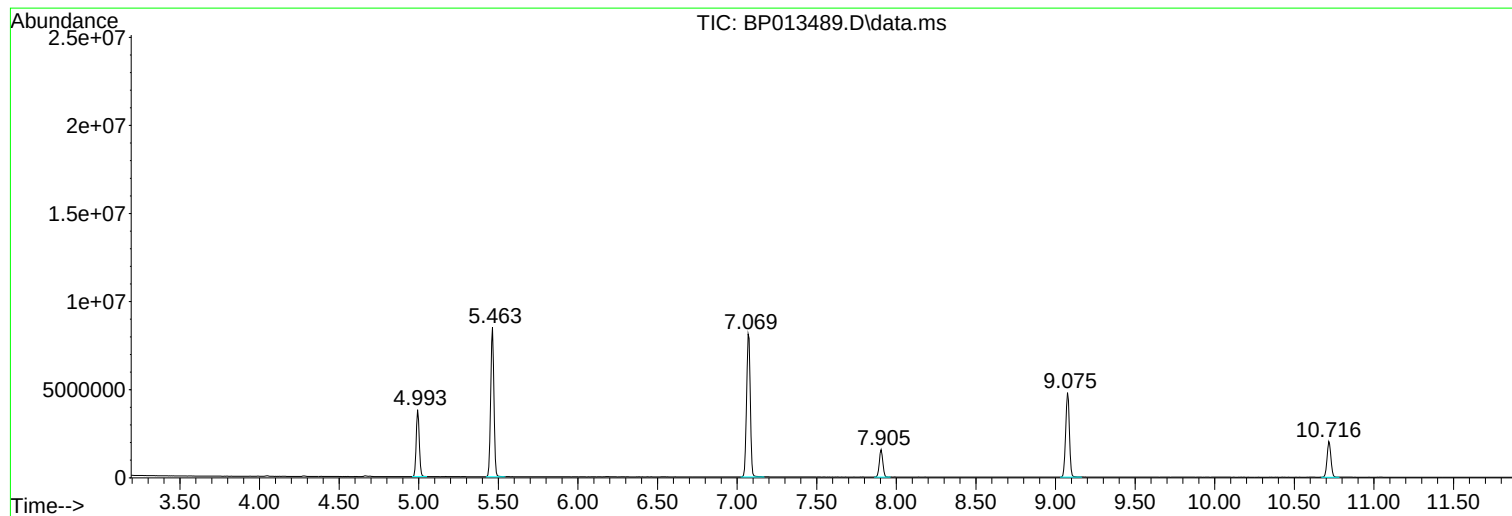
Sum of corrected areas: 138239562

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011223.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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BNA\_P  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

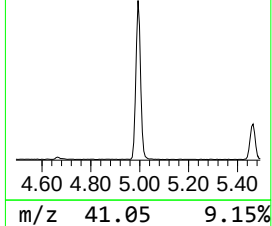
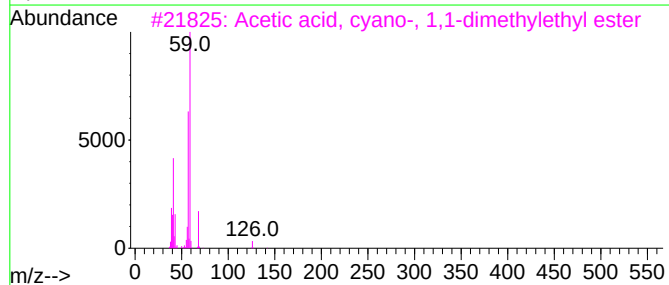
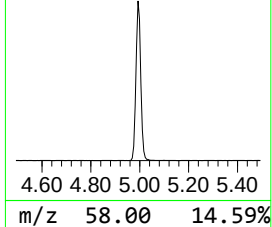
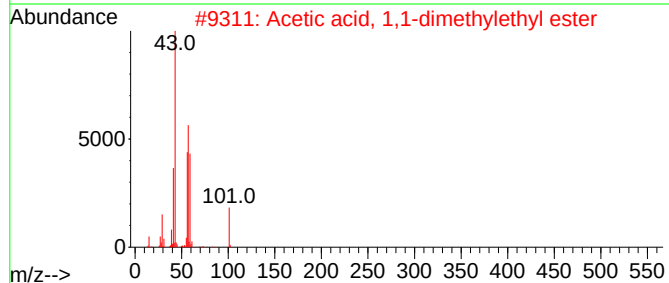
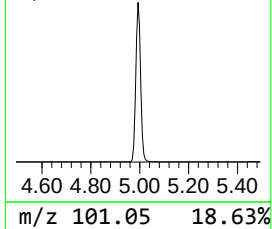
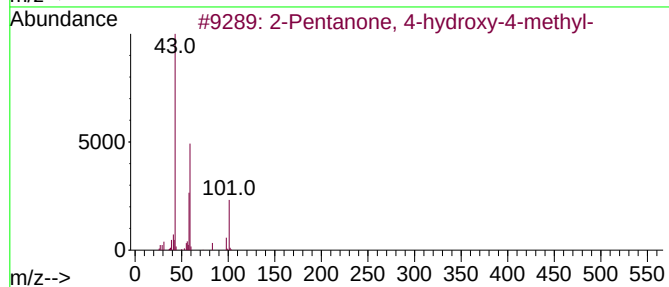
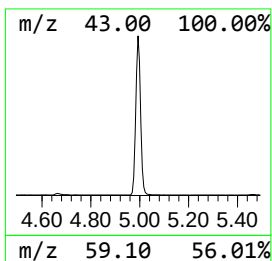
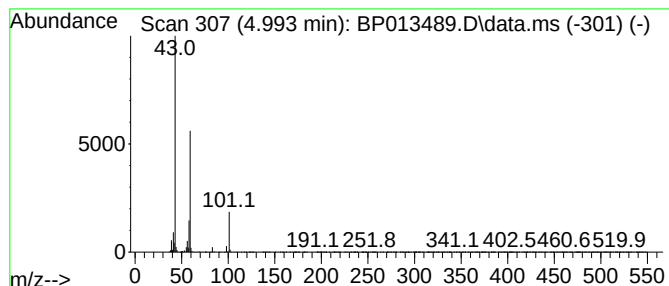
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TIC Integration Parameters: LSCINT.P

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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.  |
|-------|----------|---------|------------------------|-------|
| 4.993 | 43.08 ng | 5100880 | 1,4-Dichlorobenzene-d4 | 7.904 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 3    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 4    |    |   | 1-Propen-2-ol, acetate              | 100 | C5H8O2   | 000108-22-5 | 12   |
| 5    |    |   | Morpholine, 4-methyl-               | 101 | C5H11NO  | 000109-02-4 | 9    |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                    |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2-Pentanone, 4-... | 4.993 | 43.1    | ng    | 5100880  | 1                     | 7.904 | 2368040 | 20.0 |