

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052623\  
 Data File : BP015301.D  
 Acq On : 26 May 2023 09:57  
 Operator : CG/JU  
 Sample : PB152410BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB152410BL

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-BP052423.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP015301.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         | 4.540       | 225           | 230         | 240          | rVB      | 345990         | 459539        | 4.27%           | 0.748%        |
| 2         | 5.164       | 330           | 336         | 343          | rBV      | 1319068        | 1797621       | 16.69%          | 2.927%        |
| 3         | 5.640       | 410           | 417         | 432          | rBV      | 4988218        | 7327721       | 68.02%          | 11.931%       |
| 4         | 7.263       | 685           | 693         | 713          | rVB      | 4475820        | 7290123       | 67.67%          | 11.870%       |
| 5         | 8.110       | 830           | 837         | 846          | rBV      | 885967         | 1435058       | 13.32%          | 2.337%        |
| 6         | 9.287       | 1027          | 1037        | 1056         | rBV      | 2841588        | 4768537       | 44.26%          | 7.764%        |
| 7         | 10.934      | 1309          | 1317        | 1331         | rBV      | 1045881        | 1869070       | 17.35%          | 3.043%        |
| 8         | 13.375      | 1725          | 1732        | 1746         | rBV      | 6795931        | 9941709       | 92.28%          | 16.187%       |
| 9         | 14.751      | 1959          | 1966        | 1980         | rBV      | 1470697        | 2281030       | 21.17%          | 3.714%        |
| 10        | 16.239      | 2211          | 2219        | 2239         | rBV      | 4889514        | 7156368       | 66.43%          | 11.652%       |
| 11        | 17.504      | 2427          | 2434        | 2445         | rBV      | 1624535        | 2439083       | 22.64%          | 3.971%        |
| 12        | 20.039      | 2859          | 2865        | 2880         | rBV      | 8769088        | 10773422      | 100.00%         | 17.541%       |
| 13        | 21.580      | 3122          | 3127        | 3137         | rBV      | 1426085        | 1966127       | 18.25%          | 3.201%        |
| 14        | 24.133      | 3554          | 3561        | 3577         | rVB      | 856747         | 1912848       | 17.76%          | 3.114%        |

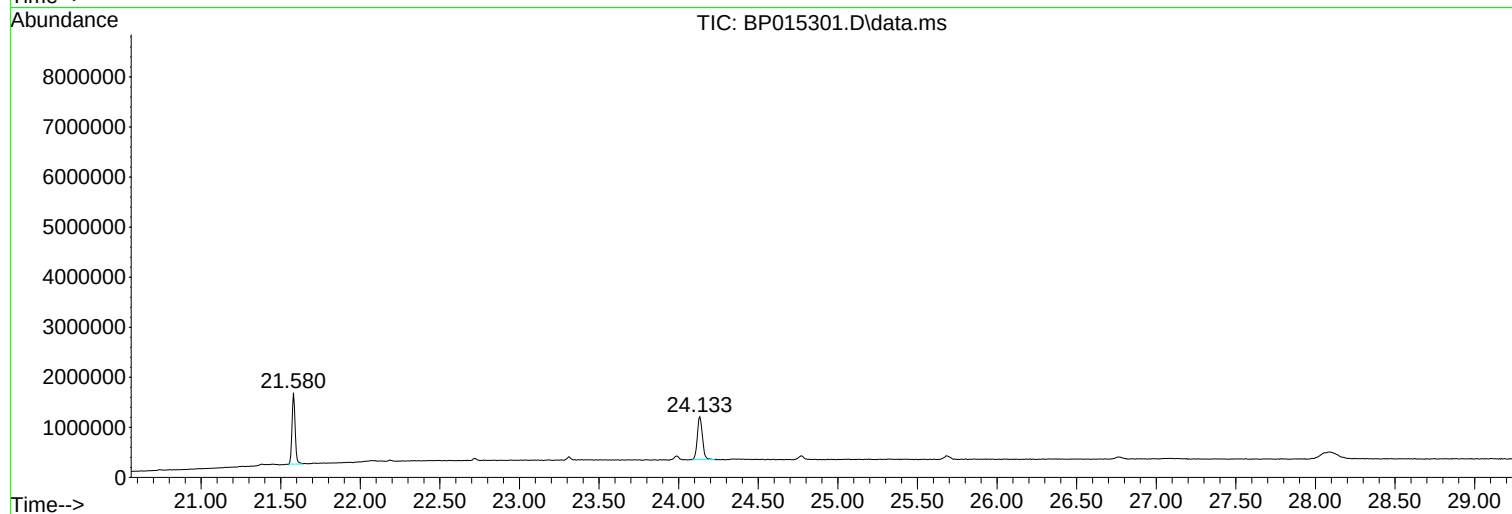
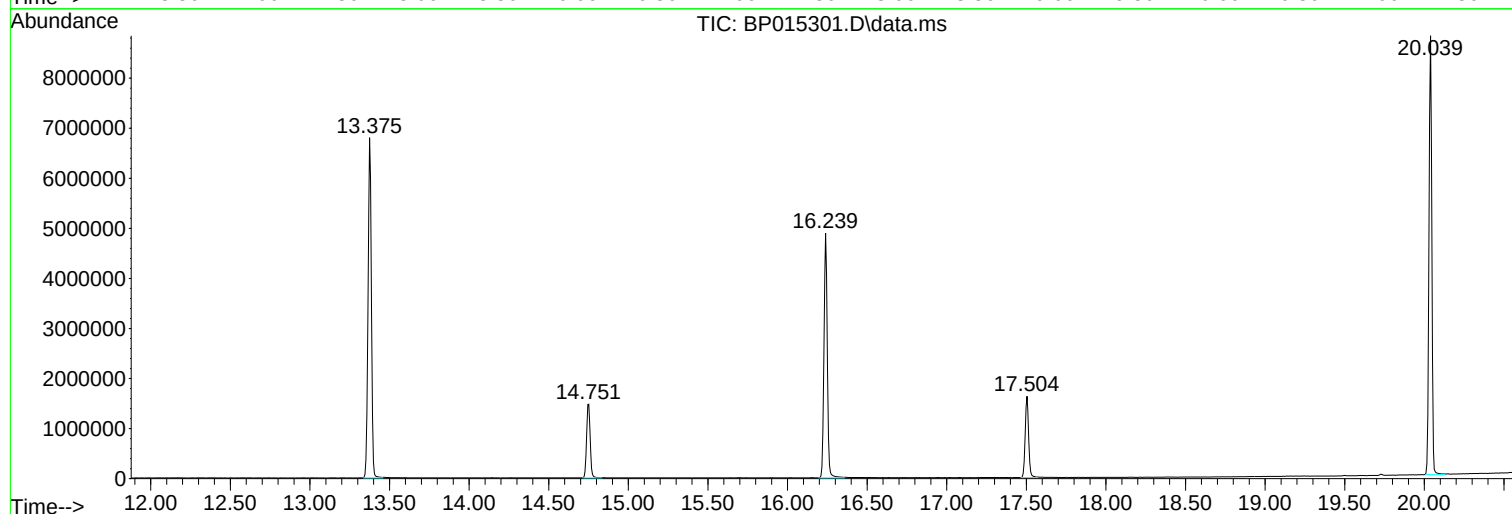
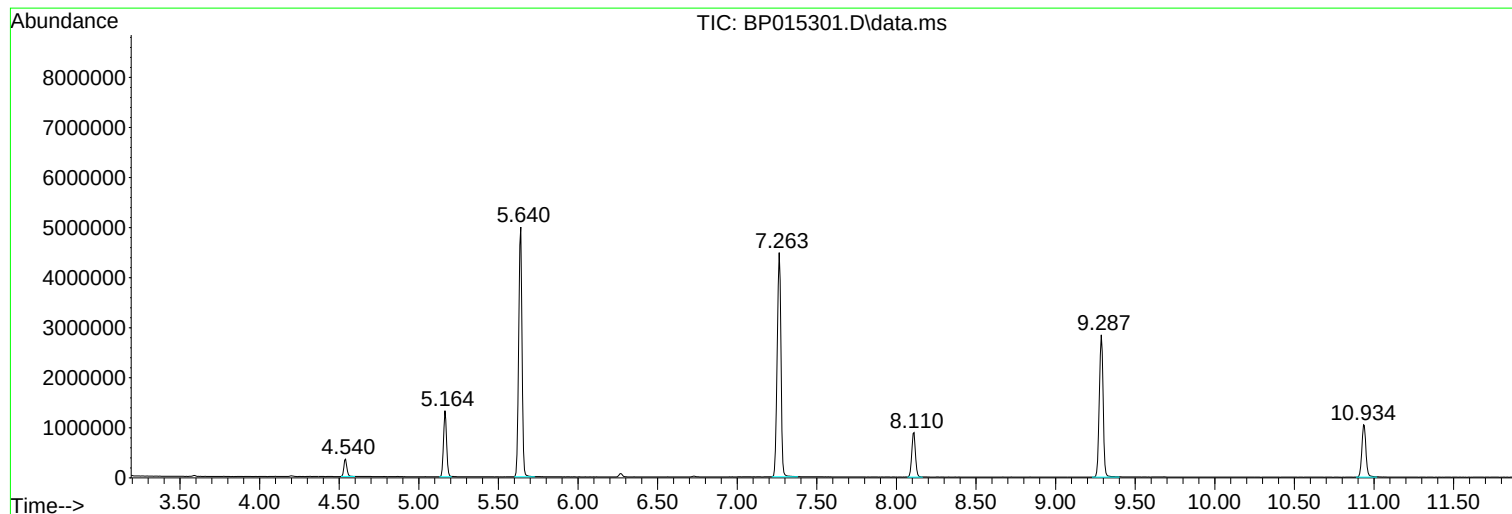
Sum of corrected areas: 61418256

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Instrument :  
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ClientSampleId :  
PB152410BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052423.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052623\  
Data File : BP015301.D  
Acq On : 26 May 2023 09:57  
Operator : CG/JU  
Sample : PB152410BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PB152410BL

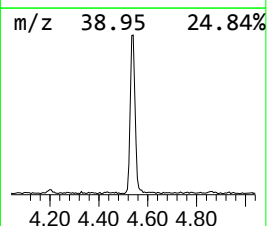
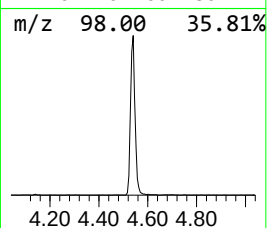
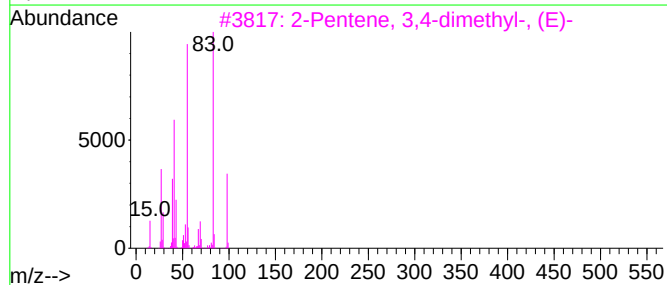
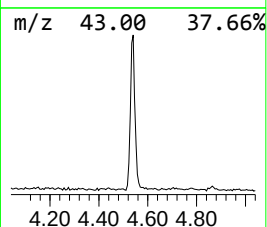
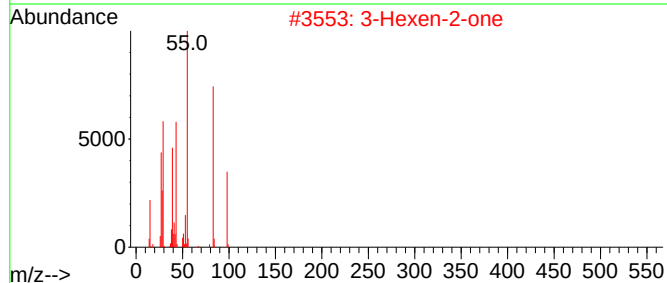
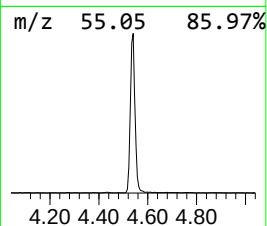
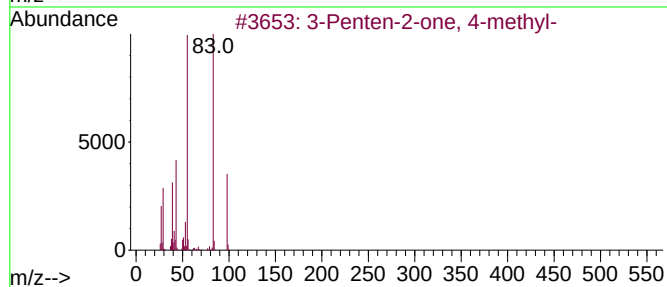
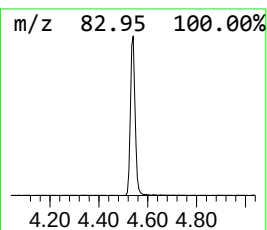
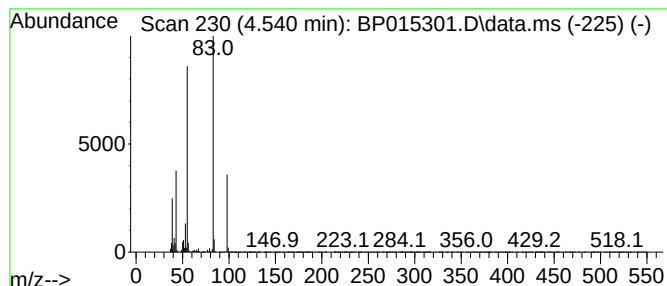
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052423.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.540 | 6.40 ng | 459539 | 1,4-Dichlorobenzene-d4 | 8.110 |

| Hit# | of | 5 | Tentative ID                   | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|----|---------|-------------|------|
| 1    |    |   | 3-Penten-2-one, 4-methyl-      | 98 | C6H10O  | 000141-79-7 | 95   |
| 2    |    |   | 3-Hexen-2-one                  | 98 | C6H10O  | 000763-93-9 | 91   |
| 3    |    |   | 2-Pentene, 3,4-dimethyl-, (E)- | 98 | C7H14   | 004914-92-5 | 90   |
| 4    |    |   | 2-Pentene, 2,4-dimethyl-       | 98 | C7H14   | 000625-65-0 | 87   |
| 5    |    |   | 2-Pentene, 3,4-dimethyl-, (Z)- | 98 | C7H14   | 004914-91-4 | 86   |



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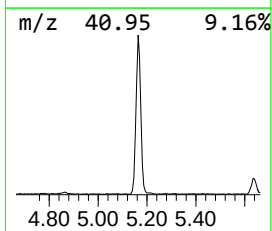
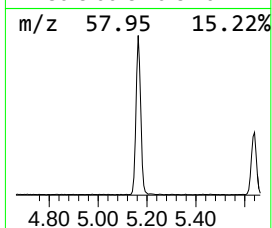
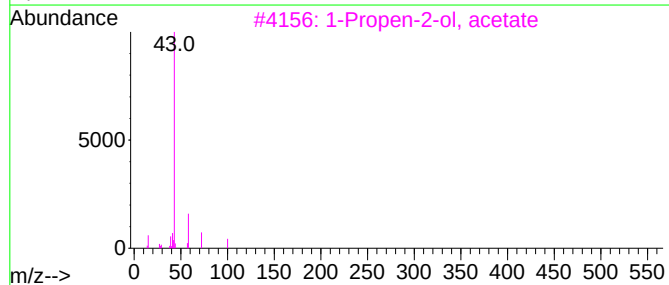
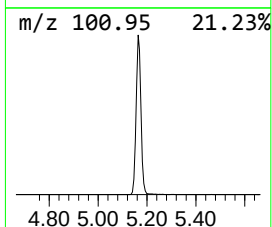
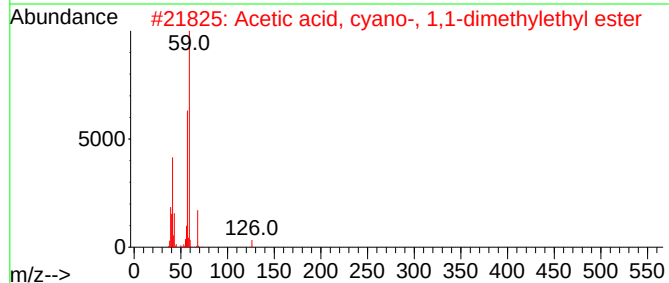
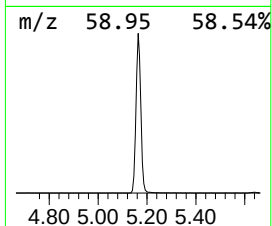
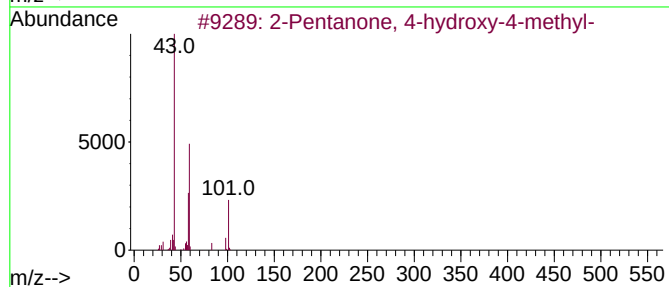
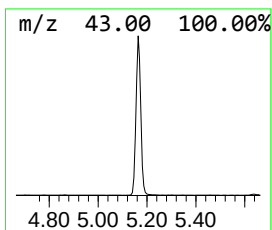
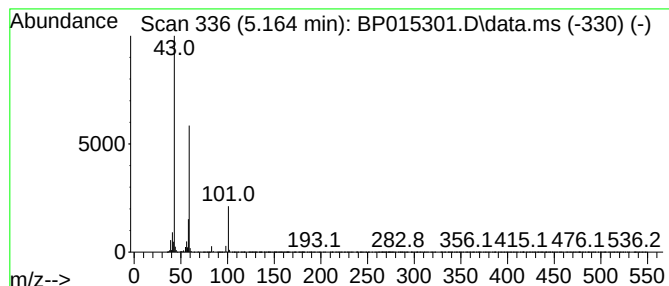
Instrument :  
BNA\_P  
ClientSampleId :  
PB152410BL

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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T.      | EstConc                             | Area    | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|---------|------------------------|-------------|------|
| 5.164     | 25.05 ng                            | 1797620 | 1,4-Dichlorobenzene-d4 | 8.110       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm                | CAS#        | Qual |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl-    | 116     | C6H12O2                | 000123-42-2 | 56   |
| 2         | Acetic acid, cyano-, 1,1-dimethy... | 141     | C7H11NO2               | 001116-98-9 | 23   |
| 3         | 1-Propen-2-ol, acetate              | 100     | C5H8O2                 | 000108-22-5 | 10   |
| 4         | 2,3-Butanedione, monooxime          | 101     | C4H7NO2                | 000057-71-6 | 9    |
| 5         | 5-Hexen-2-one                       | 98      | C6H10O                 | 000109-49-9 | 9    |



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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052423.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                    |       |         |       |          | #                     | RT    | Resp    | Conc |
| 3-Penten-2-one,... | 4.540 | 6.4     | ng    | 459539   | 1                     | 8.110 | 1435060 | 20.0 |
| 2-Pentanone, 4-... | 5.164 | 25.1    | ng    | 1797620  | 1                     | 8.110 | 1435060 | 20.0 |