

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051625\  
Data File : BF142417.D  
Acq On : 16 May 2025 10:14  
Operator : RC/JU  
Sample : PB168000BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB168000BL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142417.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         | 2.263       | 3             | 12          | 18           | rVB      | 60984          | 109002        | 2.01%           | 0.326%        |
| 2         | 5.140       | 493           | 501         | 512          | rBV      | 281245         | 479349        | 8.86%           | 1.433%        |
| 3         | 5.528       | 560           | 567         | 572          | rBV      | 3013594        | 4214303       | 77.85%          | 12.595%       |
| 4         | 6.528       | 729           | 737         | 742          | rBV      | 2823073        | 4262718       | 78.75%          | 12.740%       |
| 5         | 6.904       | 795           | 801         | 806          | rVB      | 803631         | 990594        | 18.30%          | 2.961%        |
| 6         | 7.463       | 889           | 896         | 901          | rBV      | 2001872        | 2814070       | 51.99%          | 8.410%        |
| 7         | 8.186       | 1012          | 1019        | 1024         | rBV      | 996029         | 1316349       | 24.32%          | 3.934%        |
| 8         | 9.257       | 1194          | 1201        | 1207         | rBV      | 3744564        | 5251930       | 97.02%          | 15.696%       |
| 9         | 9.939       | 1311          | 1317        | 1322         | rBV      | 1193669        | 1496639       | 27.65%          | 4.473%        |
| 10        | 10.727      | 1445          | 1451        | 1456         | rBV      | 2575206        | 3383259       | 62.50%          | 10.112%       |
| 11        | 11.427      | 1564          | 1570        | 1575         | rBV      | 1233439        | 1551657       | 28.66%          | 4.637%        |
| 12        | 13.016      | 1833          | 1840        | 1845         | rBV      | 4016469        | 5413153       | 100.00%         | 16.178%       |
| 13        | 14.063      | 2013          | 2018        | 2029         | rBV      | 917370         | 1253374       | 23.15%          | 3.746%        |
| 14        | 15.557      | 2266          | 2272        | 2286         | rVB      | 575393         | 923033        | 17.05%          | 2.759%        |

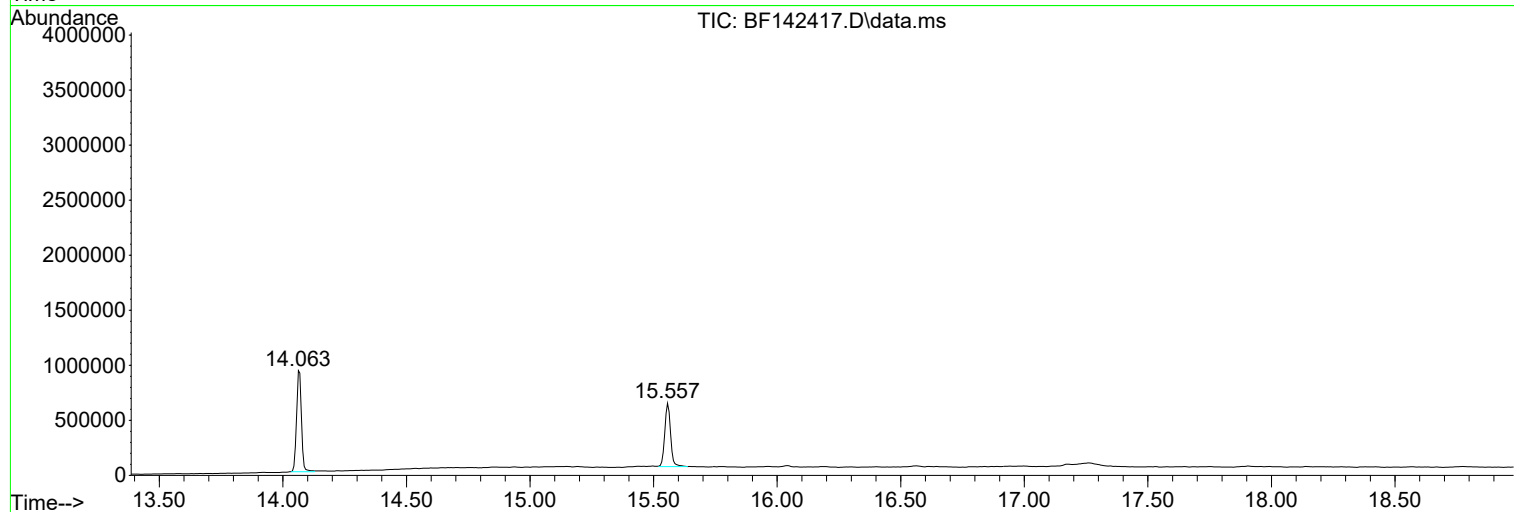
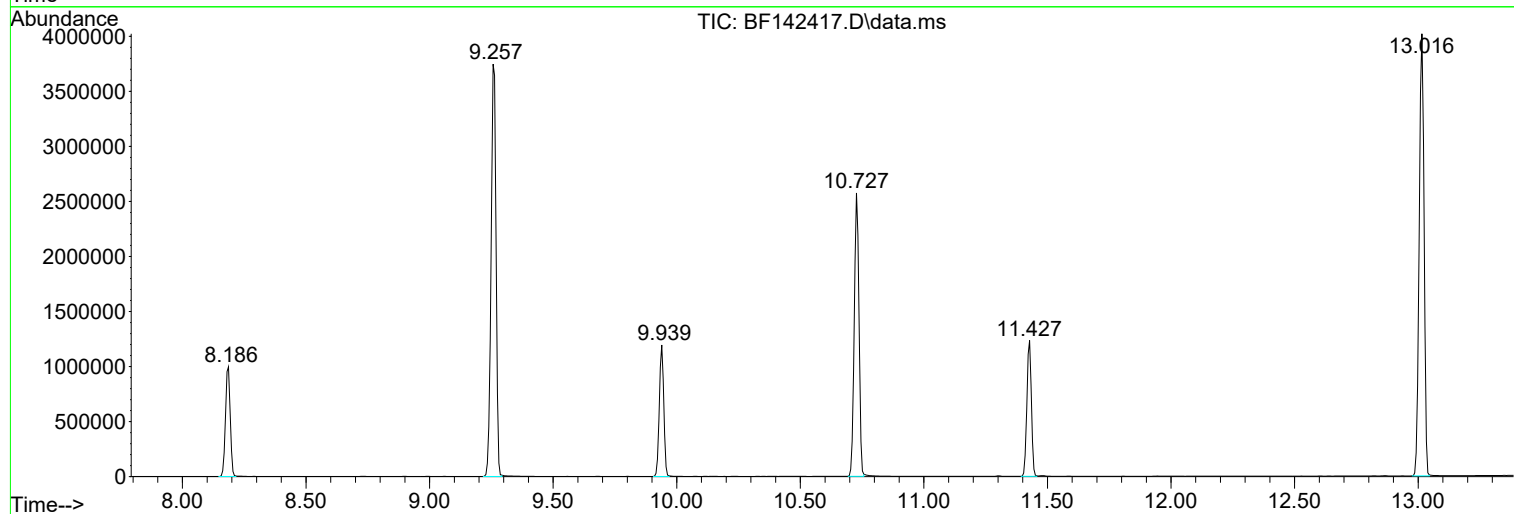
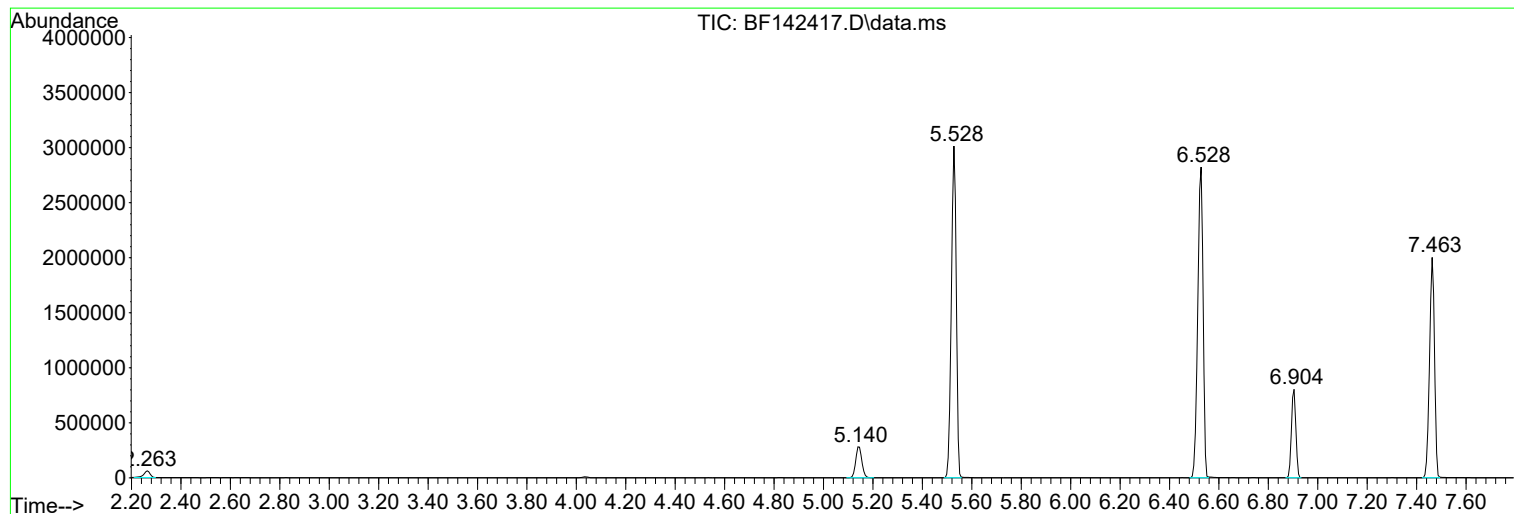
Sum of corrected areas: 33459430

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.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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Operator : RC/JU  
Sample : PB168000BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB168000BL

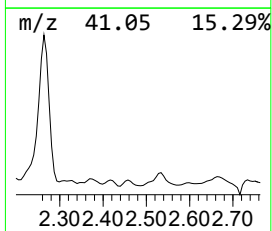
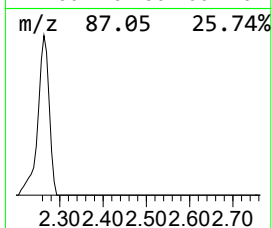
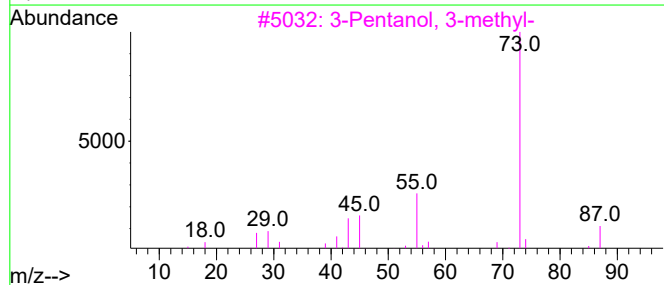
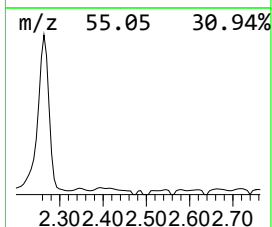
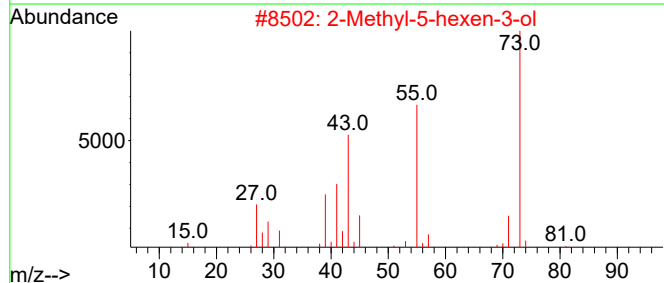
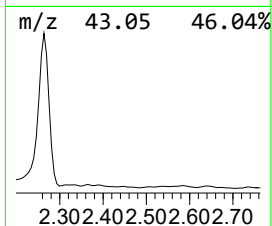
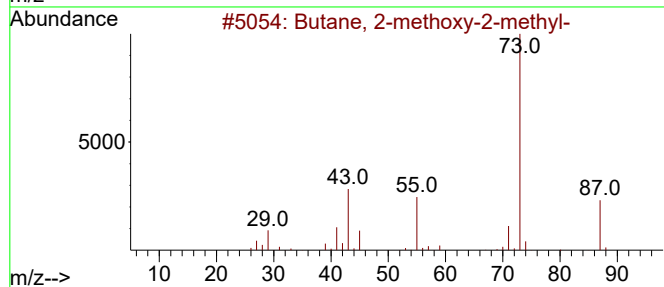
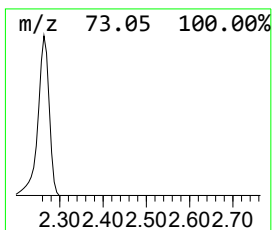
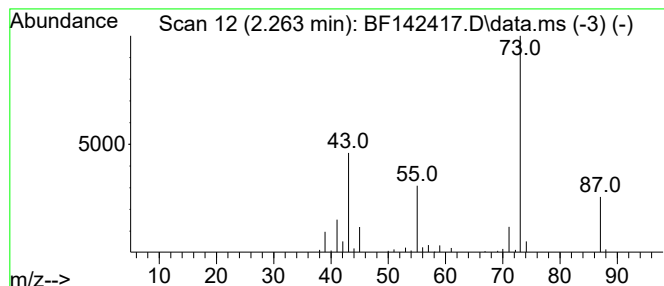
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 2.263 | 2.20 ng | 109002 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 47   |
| 3    |    |   | 3-Pentanol, 3-methyl-       | 102 | C6H14O  | 000077-74-7 | 43   |
| 4    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 5    |    |   | Silane, ethyltrimethyl-     | 102 | C5H14Si | 003439-38-1 | 36   |



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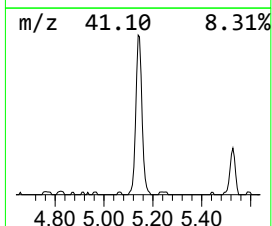
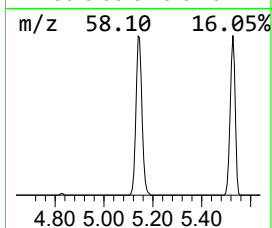
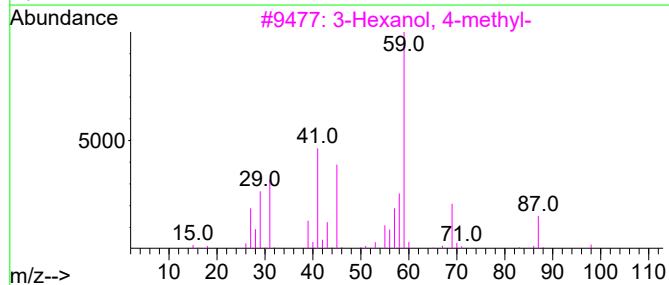
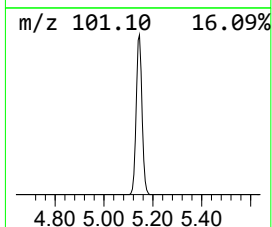
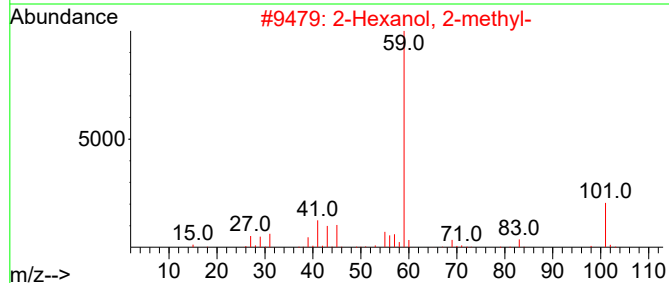
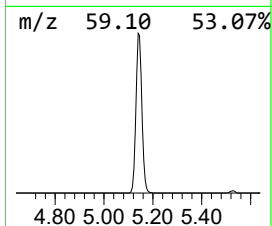
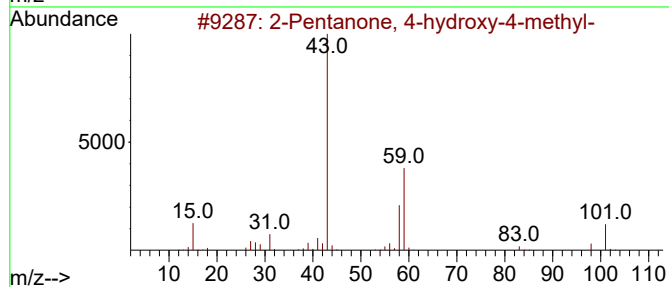
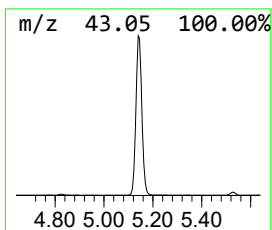
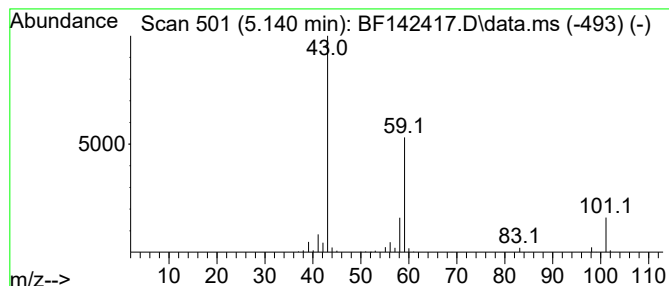
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TIC Integration Parameters: LSCINT.P

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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.  |
|-------|---------|--------|------------------------|-------|
| 5.140 | 9.68 ng | 479349 | 1,4-Dichlorobenzene-d4 | 6.904 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    |   | 2-Hexanol, 2-methyl-                | 116 | C7H16O   | 000625-23-0 | 33   |
| 3    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 33   |
| 4    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 27   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-metho... | 2.263 | 2.2     | ng    | 109002   | 1                     | 6.904 | 990594 | 20.0 |
| 2-Pentanone, 4-... | 5.140 | 9.7     | ng    | 479349   | 1                     | 6.904 | 990594 | 20.0 |