

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091924\  
 Data File : BF139460.D  
 Acq On : 19 Sep 2024 12:58  
 Operator : RC/JU  
 Sample : PB163516BL  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB163516BL

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\_F\Methods\8270-BF091324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139460.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         | 2.258       | 20            | 28          | 38           | rVB      | 39411          | 68966         | 2.60%           | 0.414%        |
| 2         | 5.116       | 507           | 514         | 527          | rVB      | 95831          | 152917        | 5.76%           | 0.918%        |
| 3         | 5.510       | 574           | 581         | 586          | rBV      | 1575213        | 2215402       | 83.45%          | 13.304%       |
| 4         | 6.504       | 743           | 750         | 755          | rBV      | 1578028        | 2258875       | 85.09%          | 13.565%       |
| 5         | 6.875       | 808           | 813         | 818          | rBV      | 439878         | 534949        | 20.15%          | 3.212%        |
| 6         | 7.440       | 902           | 909         | 914          | rBV      | 1069921        | 1501036       | 56.54%          | 9.014%        |
| 7         | 8.157       | 1025          | 1031        | 1036         | rBV      | 530958         | 677141        | 25.51%          | 4.066%        |
| 8         | 9.234       | 1207          | 1214        | 1219         | rBV      | 2019801        | 2654726       | 100.00%         | 15.942%       |
| 9         | 9.910       | 1323          | 1329        | 1334         | rBV      | 615545         | 764768        | 28.81%          | 4.593%        |
| 10        | 10.698      | 1457          | 1463        | 1491         | rBV      | 1175663        | 1549986       | 58.39%          | 9.308%        |
| 11        | 11.398      | 1576          | 1582        | 1589         | rBV      | 621391         | 796498        | 30.00%          | 4.783%        |
| 12        | 12.980      | 1845          | 1851        | 1856         | rBV      | 1940443        | 2539959       | 95.68%          | 15.253%       |
| 13        | 14.033      | 2024          | 2030        | 2040         | rBV      | 399769         | 517201        | 19.48%          | 3.106%        |
| 14        | 15.504      | 2273          | 2280        | 2293         | rBV      | 249642         | 419867        | 15.82%          | 2.521%        |

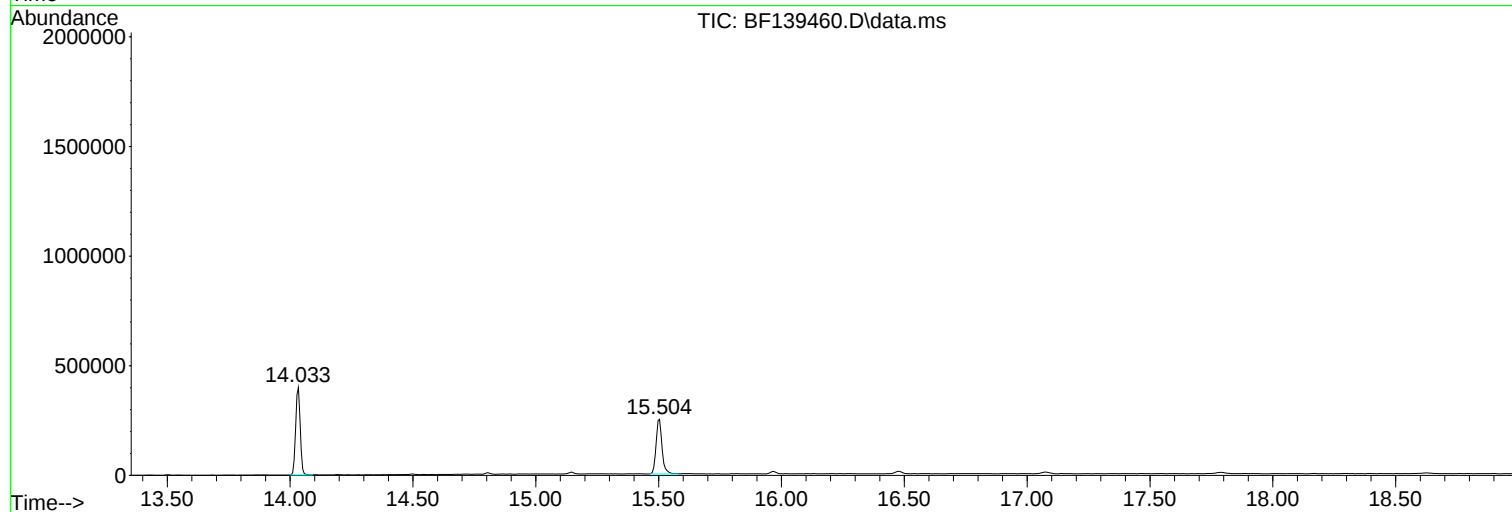
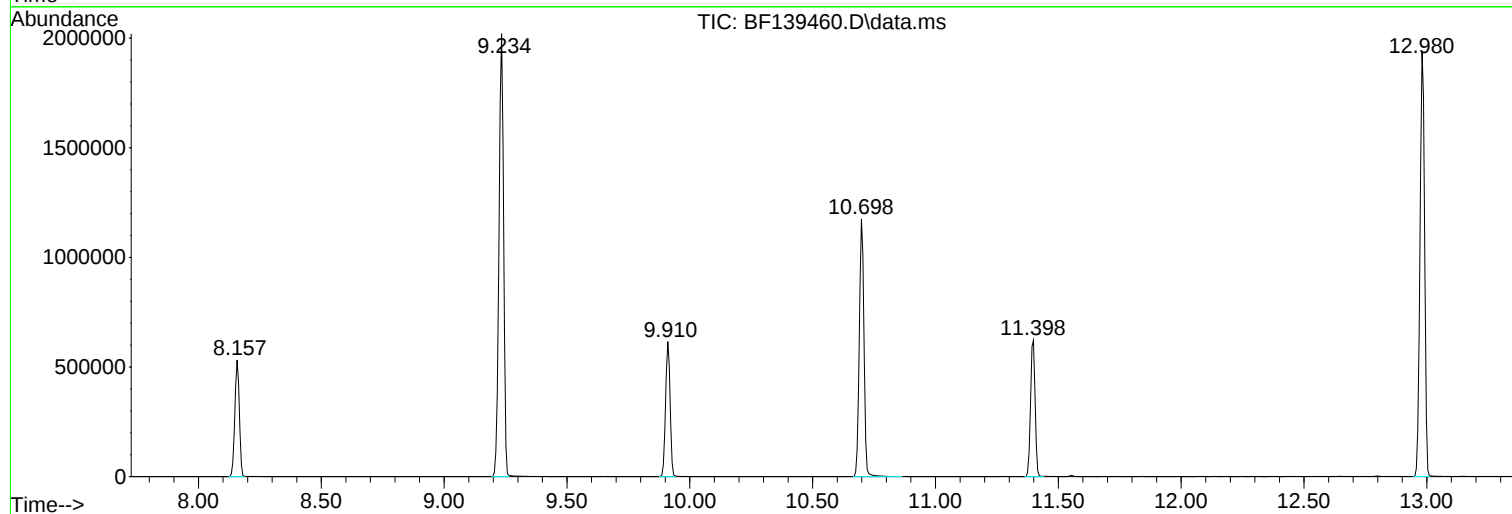
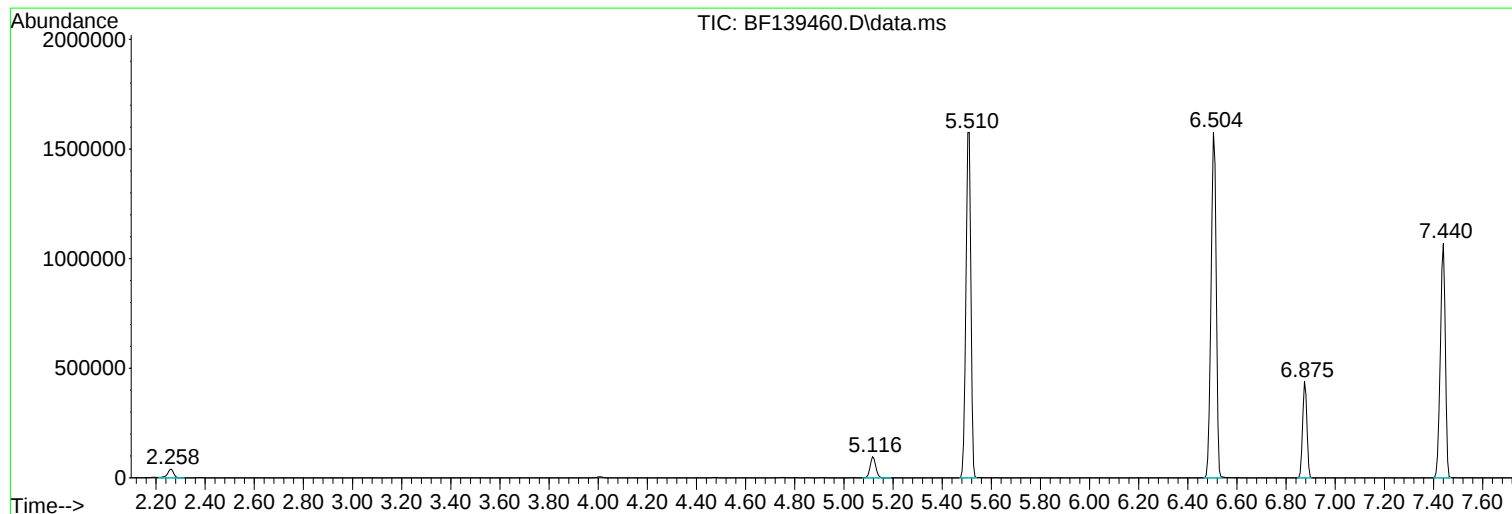
Sum of corrected areas: 16652291

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.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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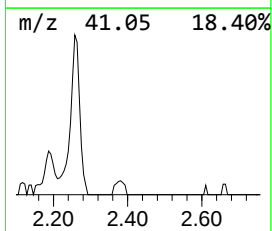
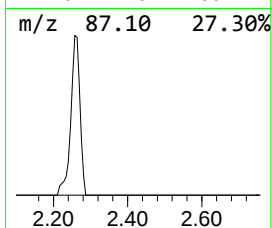
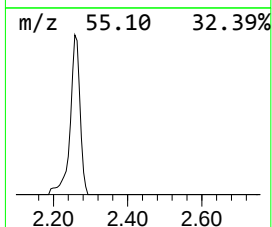
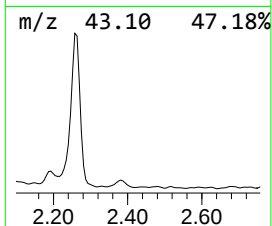
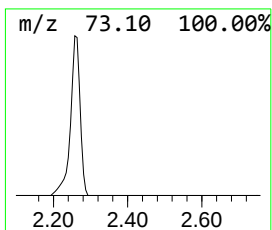
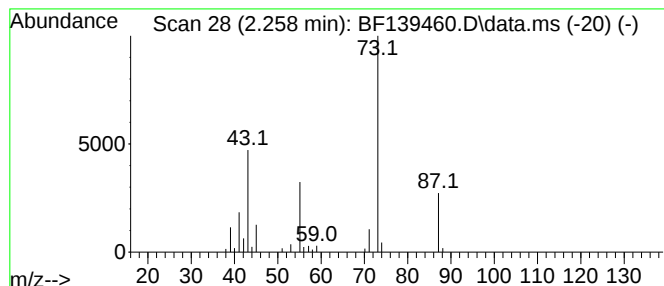
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 2.258 | 2.58 ng | 68966 | 1,4-Dichlorobenzene-d4 | 6.875 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 38   |
| 3    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 37   |
| 4    |    |   | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 25   |
| 5    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 23   |



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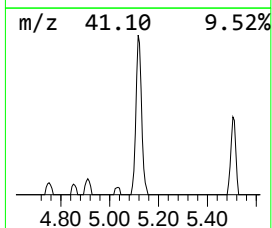
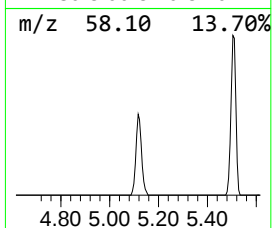
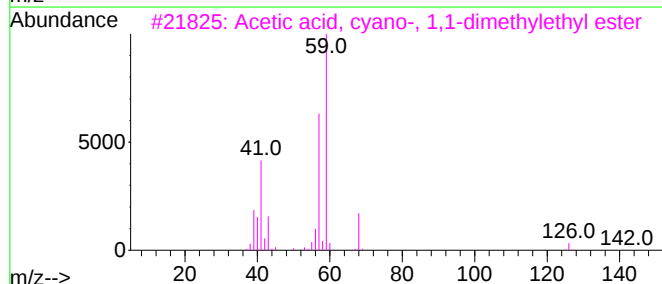
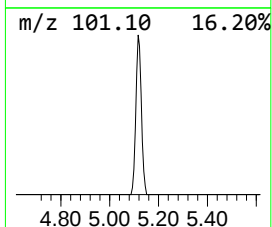
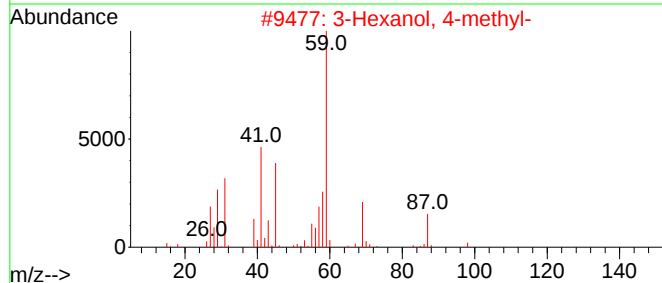
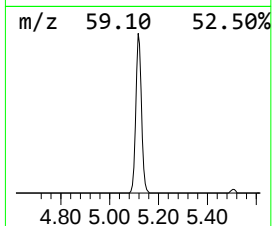
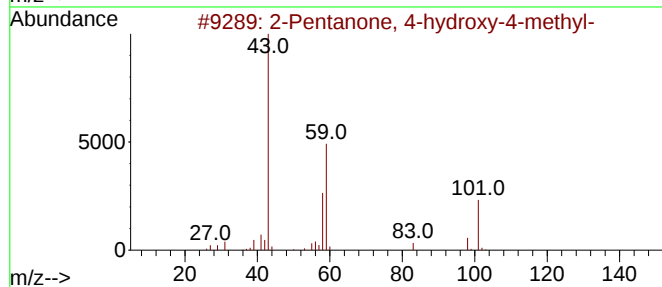
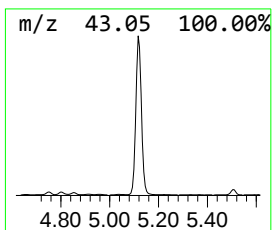
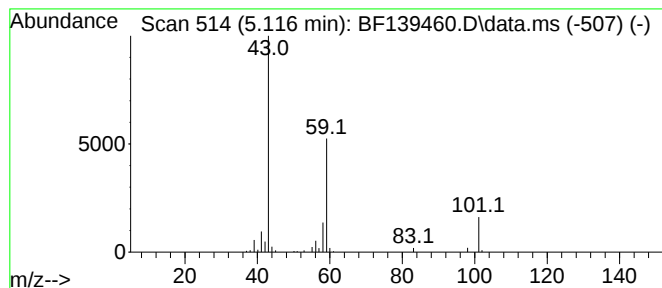
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.116 | 5.72 ng | 152917 | 1,4-Dichlorobenzene-d4 | 6.875 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 72   |
| 2    |      | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 33   |
| 3    |      | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 4    |      | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 17   |
| 5    |      | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 16   |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-metho... | 2.258 | 2.6     | ng    | 68966    | 1                     | 6.875 | 534949 | 20.0 |
| 2-Pentanone, 4-... | 5.116 | 5.7     | ng    | 152917   | 1                     | 6.875 | 534949 | 20.0 |