

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110922\  
 Data File : BG055529.D  
 Acq On : 9 Nov 2022 18:48  
 Operator : CG/JU  
 Sample : N5360-10  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 20221169-COMP-04-MODIFIED-ELUTRIATE

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\_G\Methods\8270-BG110922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055529.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         | 3.336       | 3             | 8           | 24           | rVB      | 471865         | 924803        | 40.49%          | 6.658%        |
| 2         | 5.327       | 340           | 347         | 356          | rBV      | 78229          | 123877        | 5.42%           | 0.892%        |
| 3         | 5.797       | 419           | 427         | 434          | rBV      | 391515         | 662863        | 29.02%          | 4.772%        |
| 4         | 7.395       | 691           | 699         | 710          | rBV      | 286018         | 495213        | 21.68%          | 3.565%        |
| 5         | 8.271       | 840           | 848         | 854          | rBV      | 202226         | 342794        | 15.01%          | 2.468%        |
| 6         | 9.440       | 1039          | 1047        | 1056         | rBV      | 546639         | 969680        | 42.46%          | 6.981%        |
| 7         | 11.097      | 1316          | 1329        | 1339         | rBV      | 266263         | 490761        | 21.49%          | 3.533%        |
| 8         | 13.518      | 1733          | 1741        | 1748         | rVB      | 1460156        | 2284001       | 100.00%         | 16.443%       |
| 9         | 14.887      | 1965          | 1974        | 1981         | rVB      | 429838         | 671694        | 29.41%          | 4.836%        |
| 10        | 16.361      | 2218          | 2225        | 2233         | rBV      | 1206414        | 1856728       | 81.29%          | 13.367%       |
| 11        | 17.625      | 2431          | 2440        | 2447         | rBV      | 541896         | 830421        | 36.36%          | 5.979%        |
| 12        | 18.277      | 2546          | 2551        | 2555         | rBV      | 19649          | 24756         | 1.08%           | 0.178%        |
| 13        | 18.494      | 2583          | 2588        | 2592         | rBV6     | 19560          | 36745         | 1.61%           | 0.265%        |
| 14        | 19.757      | 2798          | 2803        | 2810         | rBV9     | 21038          | 48416         | 2.12%           | 0.349%        |
| 15        | 20.016      | 2843          | 2847        | 2853         | rVB2     | 41489          | 56726         | 2.48%           | 0.408%        |
| 16        | 20.216      | 2875          | 2881        | 2888         | rVB      | 1474202        | 1965688       | 86.06%          | 14.152%       |
| 17        | 21.538      | 3102          | 3106        | 3113         | rBV2     | 44279          | 72639         | 3.18%           | 0.523%        |
| 18        | 21.926      | 3165          | 3172        | 3180         | rBV2     | 511661         | 907138        | 39.72%          | 6.531%        |
| 19        | 22.125      | 3202          | 3206        | 3210         | rVB3     | 19347          | 26527         | 1.16%           | 0.191%        |
| 20        | 22.772      | 3312          | 3316        | 3324         | rVB      | 19071          | 36849         | 1.61%           | 0.265%        |
| 21        | 23.723      | 3472          | 3478        | 3484         | rVB      | 47580          | 91421         | 4.00%           | 0.658%        |
| 22        | 25.345      | 3743          | 3754        | 3774         | rVB2     | 310587         | 970356        | 42.48%          | 6.986%        |

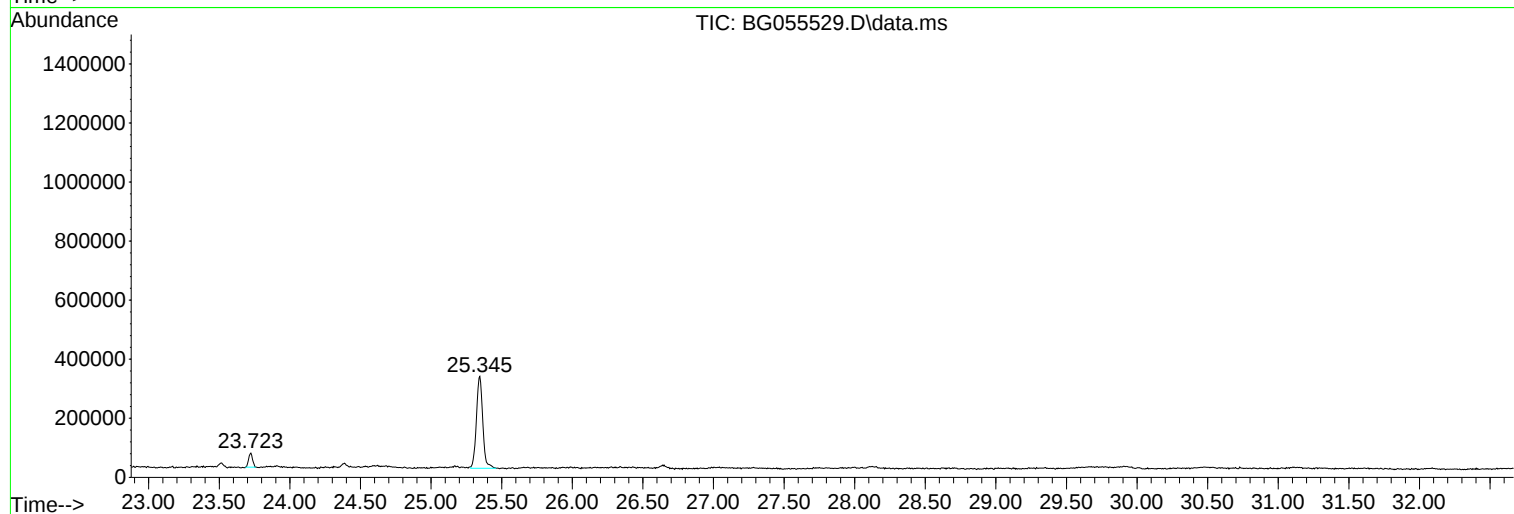
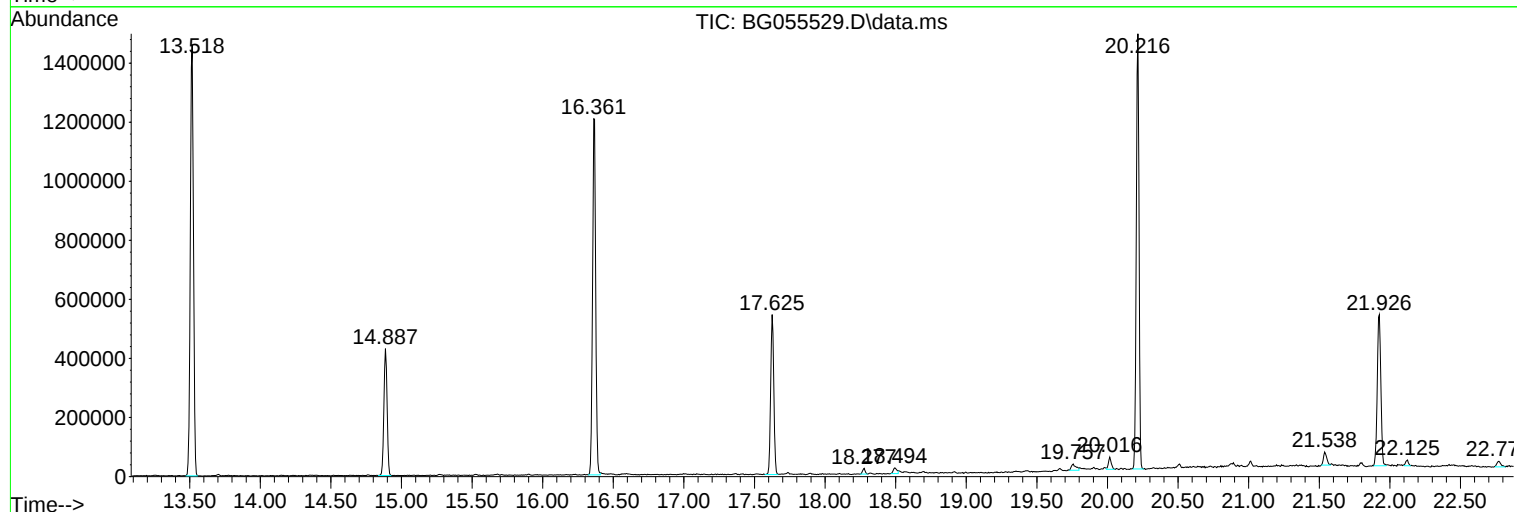
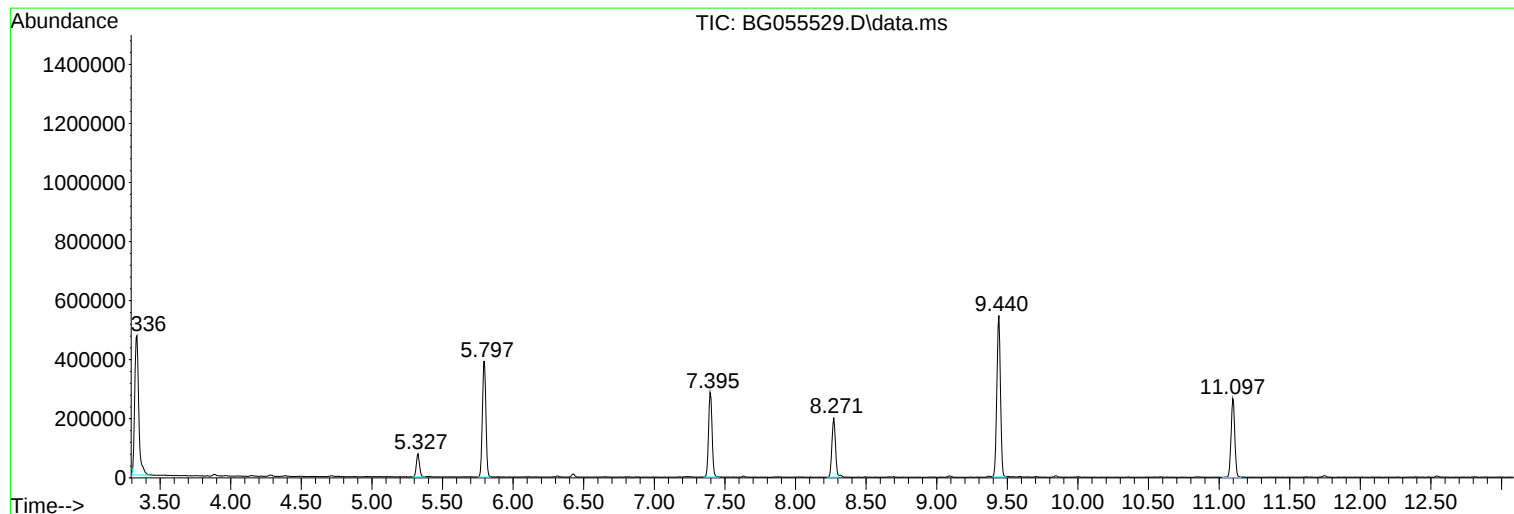
Sum of corrected areas: 13890096

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ClientSampleId :  
20221169-COMP-04-MODIFIED-ELUTRIATE

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110922.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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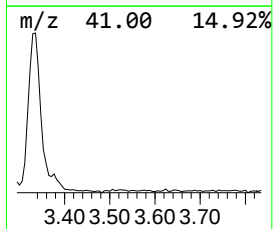
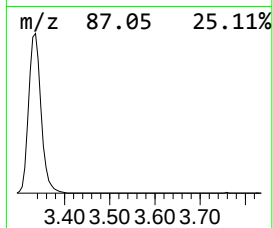
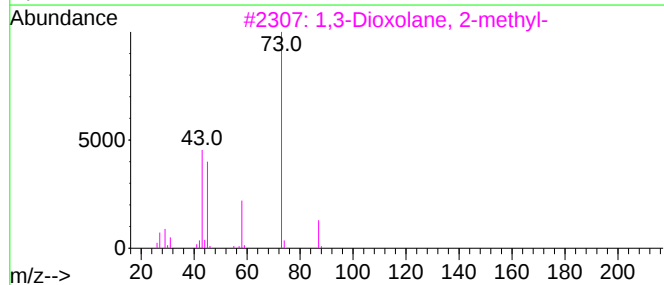
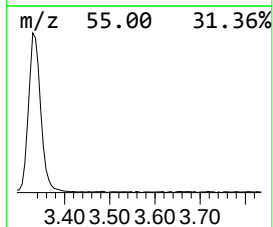
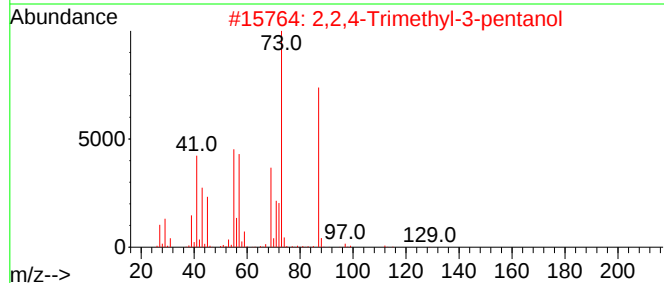
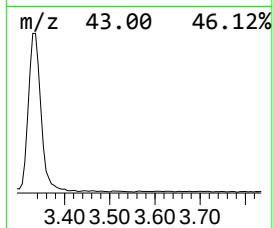
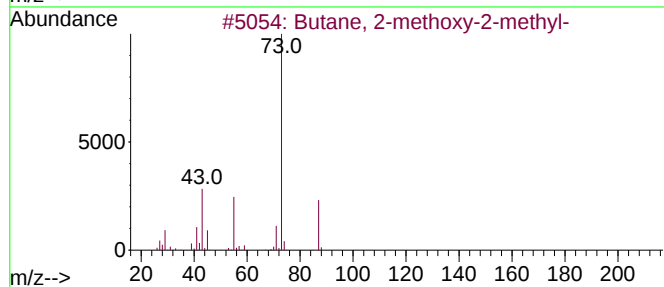
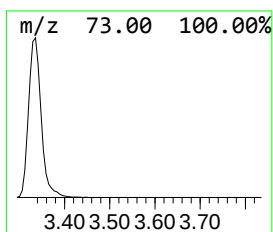
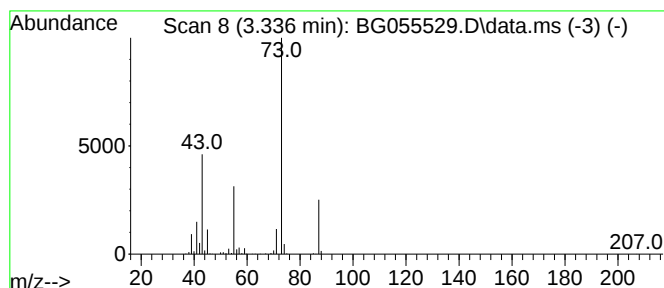
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 3.336 | 53.96 ng | 924803 | 1,4-Dichlorobenzene-d4 | 8.271 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 3    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 37   |
| 4    |    |   | 3-Pentanol, 3-methyl-       | 102 | C6H14O  | 000077-74-7 | 17   |
| 5    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |



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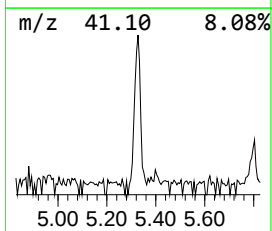
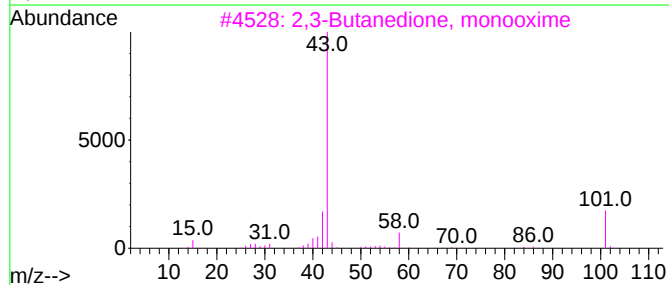
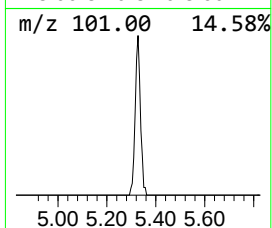
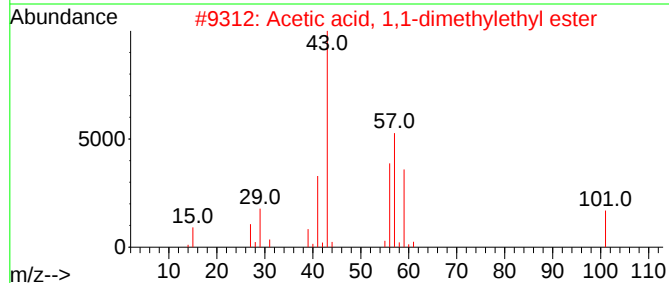
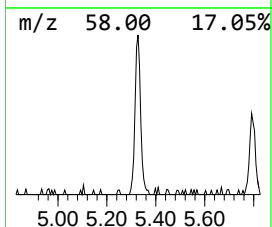
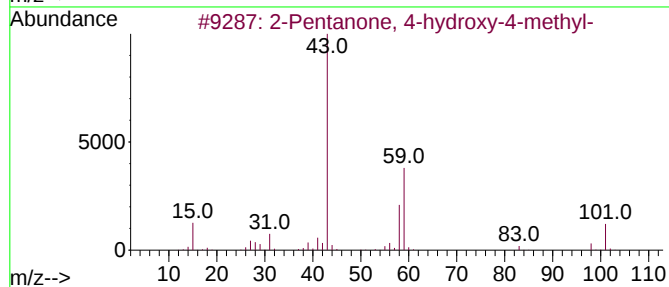
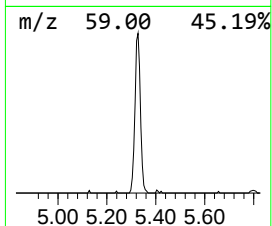
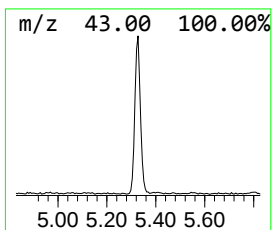
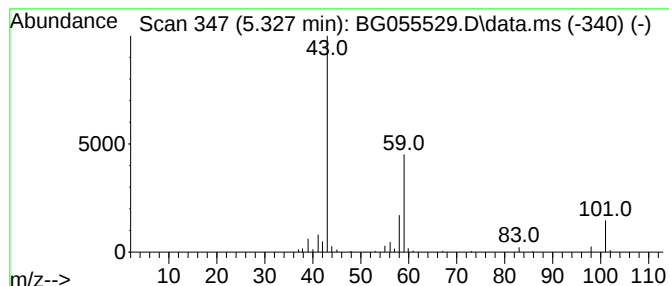
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TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.327 | 7.23 ng | 123877 | 1,4-Dichlorobenzene-d4 | 8.271 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 78   |
| 2    |      | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 38   |
| 3    |      | 2,3-Butanedione, monooxime          | 101 | C4H7NO2 | 000057-71-6 | 12   |
| 4    |      | 1-Propen-2-ol, acetate              | 100 | C5H8O2  | 000108-22-5 | 10   |
| 5    |      | Diacetamide                         | 101 | C4H7NO2 | 000625-77-4 | 9    |



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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-metho... | 3.336 | 54.0    | ng    | 924803   | 1                     | 8.271 | 342794 | 20.0 |
| 2-Pentanone, 4-... | 5.327 | 7.2     | ng    | 123877   | 1                     | 8.271 | 342794 | 20.0 |