

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM052423\  
 Data File : BM039990.D  
 Acq On : 24 May 2023 18:49  
 Operator : CG/JU  
 Sample : 02891-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A653

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\_M\Methods\8270-BM052323.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039990.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         | 5.093       | 302           | 307         | 317          | rVB      | 128161         | 178758        | 1.03%           | 0.245%        |
| 2         | 5.563       | 380           | 387         | 397          | rBV      | 3470354        | 4787647       | 27.61%          | 6.573%        |
| 3         | 6.998       | 623           | 631         | 641          | rBV      | 93995          | 177364        | 1.02%           | 0.243%        |
| 4         | 7.169       | 653           | 660         | 668          | rBV      | 1883217        | 2845623       | 16.41%          | 3.907%        |
| 5         | 8.016       | 796           | 804         | 810          | rBV      | 1285785        | 1949506       | 11.24%          | 2.676%        |
| 6         | 9.186       | 994           | 1003        | 1013         | rBV      | 3980201        | 6424202       | 37.04%          | 8.819%        |
| 7         | 9.292       | 1015          | 1021        | 1027         | rBV      | 103917         | 175828        | 1.01%           | 0.241%        |
| 8         | 10.833      | 1275          | 1283        | 1290         | rBV      | 1585127        | 2607935       | 15.04%          | 3.580%        |
| 9         | 13.280      | 1692          | 1699        | 1713         | rBV      | 9932806        | 14234883      | 82.08%          | 19.542%       |
| 10        | 14.651      | 1924          | 1932        | 1940         | rBV      | 2046900        | 2896712       | 16.70%          | 3.977%        |
| 11        | 15.451      | 2062          | 2068        | 2075         | rBV      | 459062         | 632833        | 3.65%           | 0.869%        |
| 12        | 16.004      | 2157          | 2162        | 2170         | rBV      | 279545         | 384411        | 2.22%           | 0.528%        |
| 13        | 16.139      | 2178          | 2185        | 2193         | rBV      | 6865464        | 9319234       | 53.74%          | 12.794%       |
| 14        | 17.392      | 2393          | 2398        | 2405         | rBV      | 1982620        | 2826865       | 16.30%          | 3.881%        |
| 15        | 18.286      | 2545          | 2550        | 2557         | rBV      | 179058         | 266495        | 1.54%           | 0.366%        |
| 16        | 20.015      | 2838          | 2844        | 2849         | rBV      | 15306344       | 17342157      | 100.00%         | 23.808%       |
| 17        | 21.274      | 3055          | 3058        | 3068         | rVB4     | 181240         | 241057        | 1.39%           | 0.331%        |
| 18        | 21.568      | 3102          | 3108        | 3113         | rBV      | 2168790        | 2768504       | 15.96%          | 3.801%        |
| 19        | 24.021      | 3518          | 3525        | 3538         | rVB      | 1421359        | 2782756       | 16.05%          | 3.820%        |

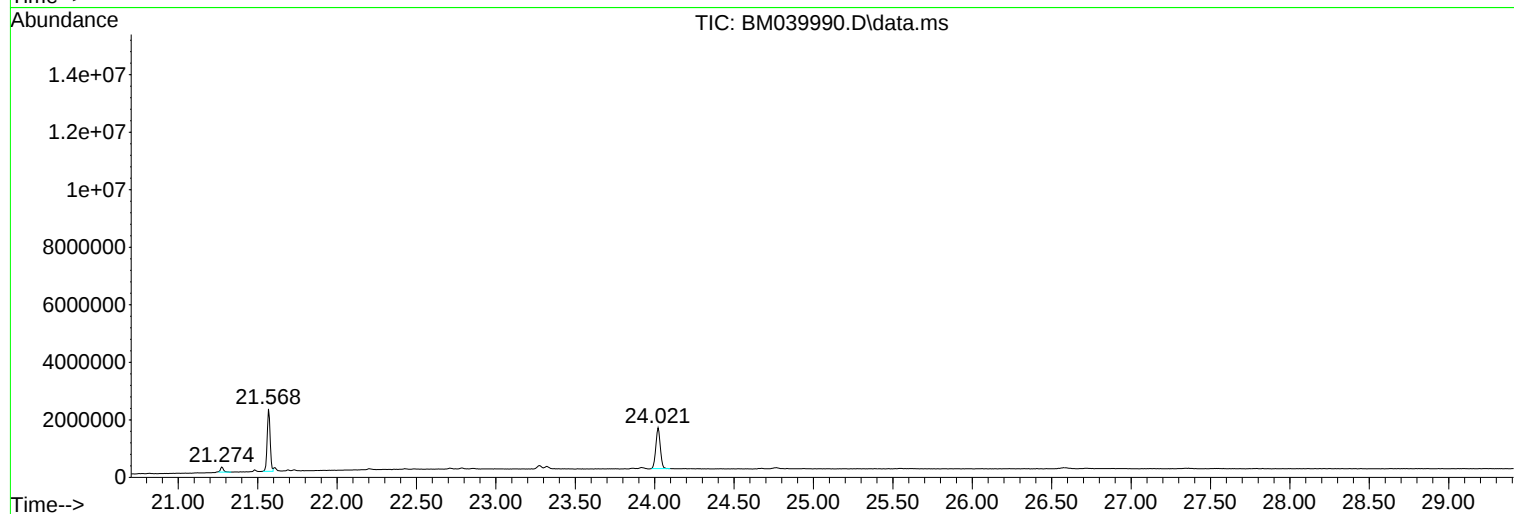
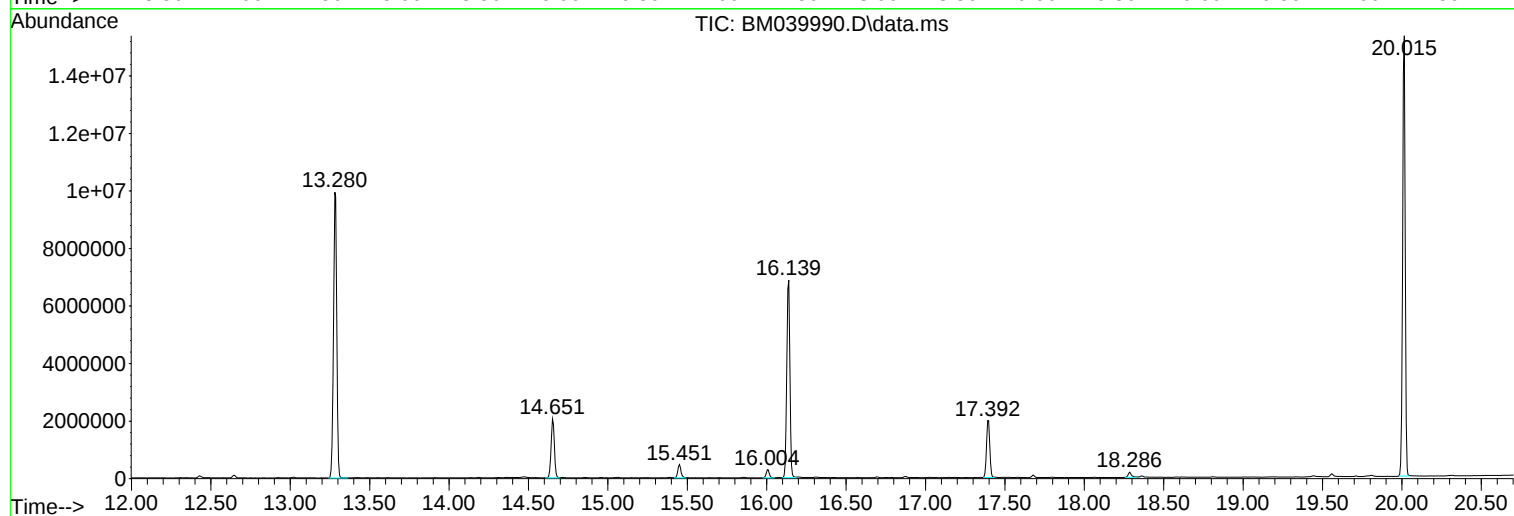
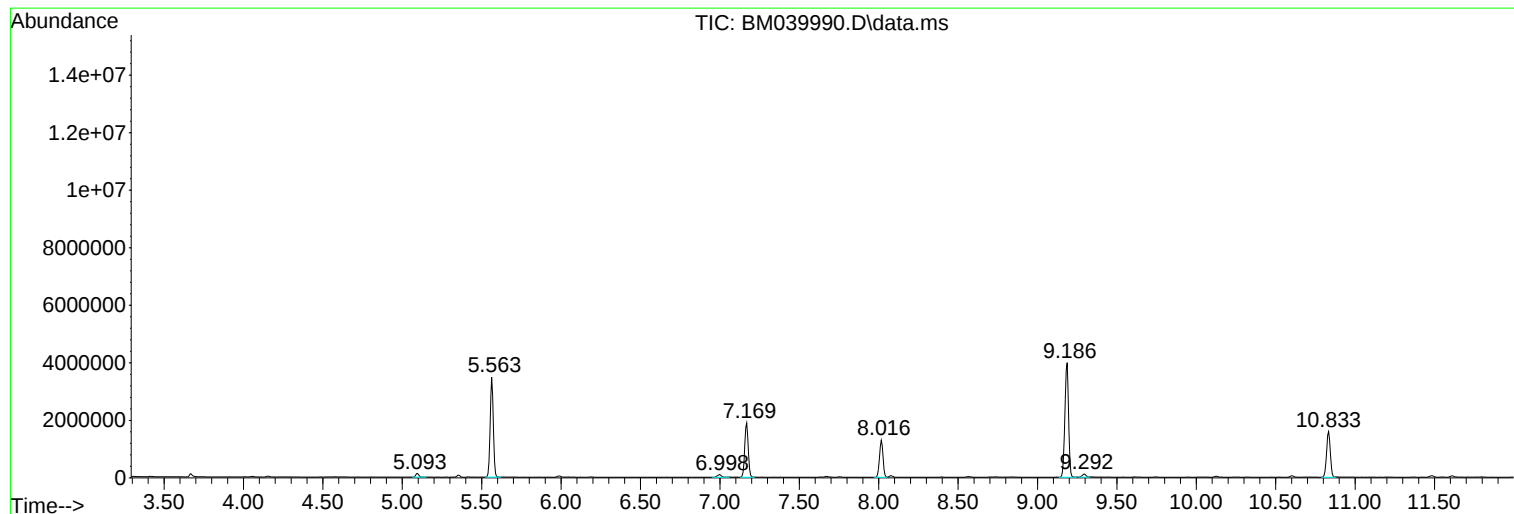
Sum of corrected areas: 72842770

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Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

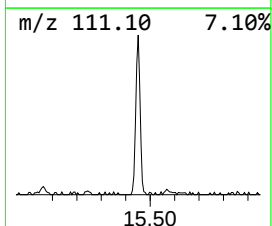
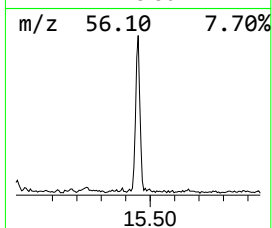
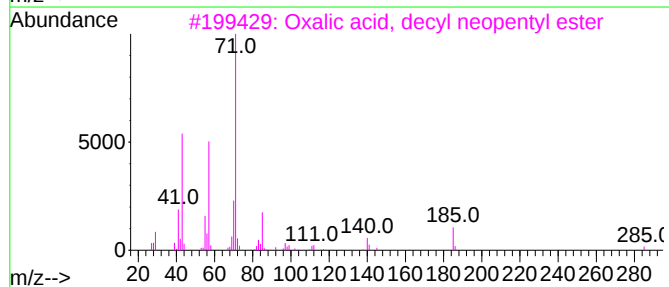
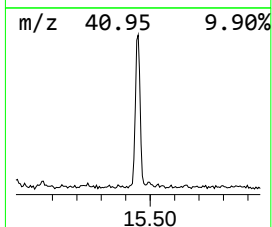
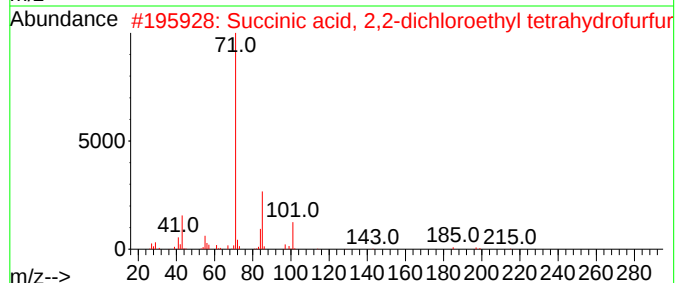
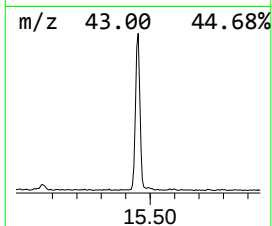
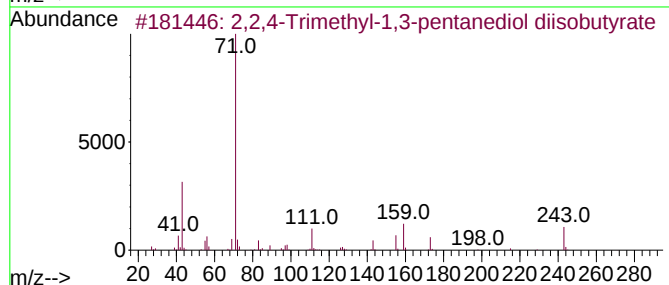
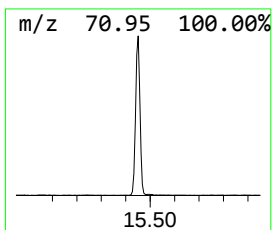
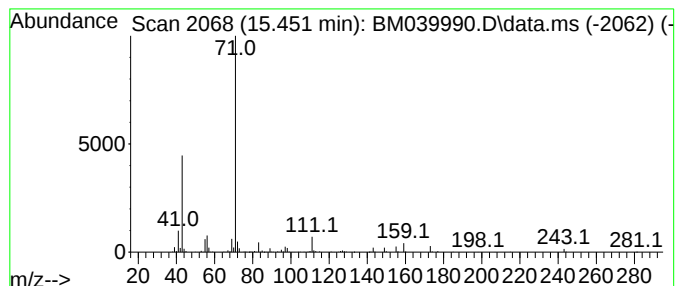
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.451 | 4.37 ng | 632833 | Acenaphthene-d10 | 14.651 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2,2,4-Trimethyl-1,3-pentanediol ... | 286 | C16H30O4     | 006846-50-0  | 90      |      |      |
| 2    | Succinic acid, 2,2-dichloroethyl... | 298 | C11H16Cl2O5  | 1000390-71-6 | 59      |      |      |
| 3    | Oxalic acid, decyl neopentyl ester  | 300 | C17H32O4     | 1000309-73-4 | 50      |      |      |
| 4    | Fumaric acid, nonyl tetrahydrofu... | 326 | C18H30O5     | 1000330-58-3 | 45      |      |      |
| 5    | Butanoic acid, 2-butoxy-1-methyl... | 216 | C11H20O4     | 007492-70-8  | 45      |      |      |



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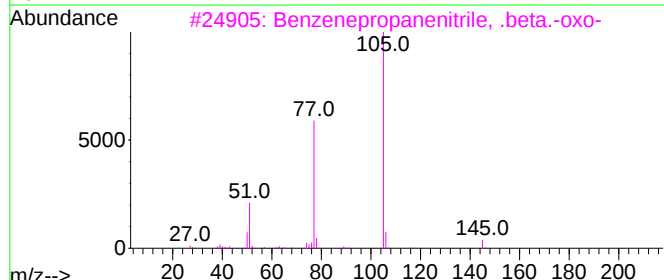
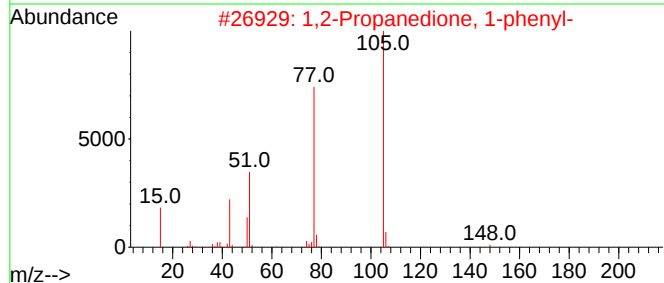
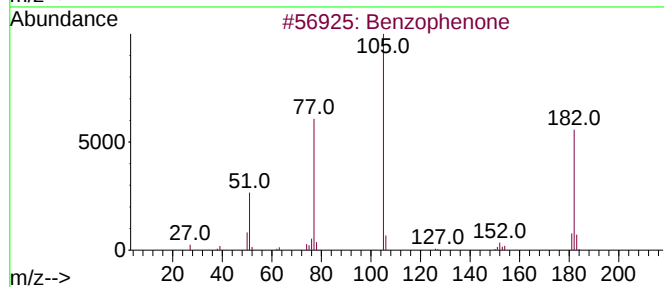
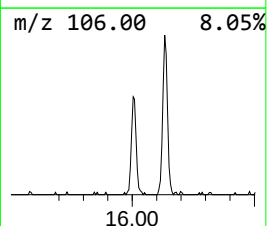
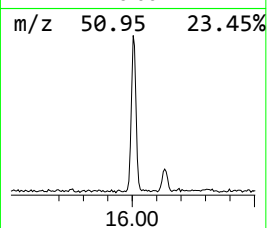
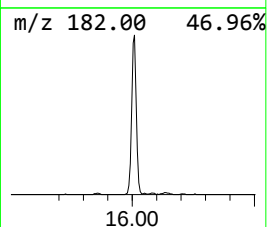
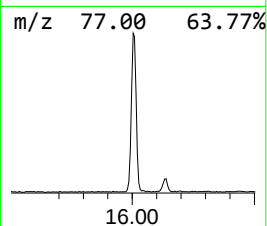
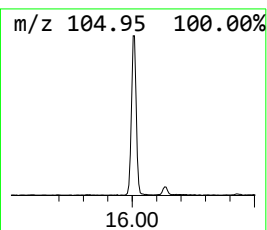
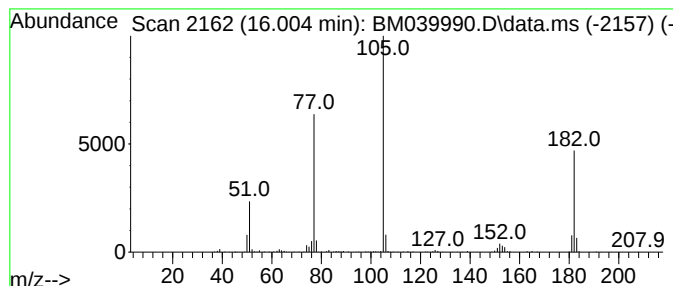
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Benzophenone Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.004 | 2.65 ng | 384411 | Acenaphthene-d10 | 14.651 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O    | 000119-61-9 | 96   |
| 2    |    |   | 1,2-Propanedione, 1-phenyl-         | 148 | C9H8O2     | 000579-07-7 | 47   |
| 3    |    |   | Benzenepropanenitrile, .beta.-oxo-  | 145 | C9H7NO     | 000614-16-4 | 47   |
| 4    |    |   | 2,6-Piperazinedione, 4-benzoyl-,... | 233 | C11H11N3O3 | 035975-25-8 | 47   |
| 5    |    |   | Vinyl benzoate                      | 148 | C9H8O2     | 000769-78-8 | 47   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 2,2,4-Trimethyl... | 15.451 | 4.4     | ng    | 632833   | 3                     | 14.651 | 2896710 | 20.0 |
| Benzophenone       | 16.004 | 2.6     | ng    | 384411   | 3                     | 14.651 | 2896710 | 20.0 |