

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF072718\  
 Data File : BF107783.D  
 Acq On : 28 Jul 2018 8:43  
 Operator : JU/SJ  
 Sample : J4199-04  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-30

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-BF072018.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| 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         | 5.189       | 481           | 485         | 494          | rBV      | 171118         | 203156        | 4.61%           | 0.740%        |
| 2         | 5.595       | 551           | 554         | 579          | rBV      | 730639         | 1371868       | 31.10%          | 4.997%        |
| 3         | 6.601       | 721           | 725         | 744          | rBV      | 326211         | 913927        | 20.72%          | 3.329%        |
| 4         | 6.736       | 744           | 748         | 773          | rVV      | 2217363        | 3141220       | 71.21%          | 11.441%       |
| 5         | 6.966       | 783           | 787         | 809          | rVB      | 399122         | 788618        | 17.88%          | 2.872%        |
| 6         | 7.113       | 809           | 812         | 837          | rBV      | 2433960        | 3135215       | 71.07%          | 11.419%       |
| 7         | 7.530       | 879           | 883         | 905          | rBV      | 1390584        | 2428534       | 55.05%          | 8.845%        |
| 8         | 8.242       | 1000          | 1004        | 1025         | rBV      | 694349         | 1057461       | 23.97%          | 3.852%        |
| 9         | 9.313       | 1182          | 1186        | 1214         | rBV      | 3355310        | 4411444       | 100.00%         | 16.067%       |
| 10        | 9.707       | 1250          | 1253        | 1262         | rVB      | 69754          | 79301         | 1.80%           | 0.289%        |
| 11        | 10.001      | 1299          | 1303        | 1307         | rBV      | 878491         | 896456        | 20.32%          | 3.265%        |
| 12        | 10.030      | 1307          | 1308        | 1317         | rVB      | 123743         | 132662        | 3.01%           | 0.483%        |
| 13        | 10.795      | 1434          | 1438        | 1458         | rBV      | 1579915        | 2232246       | 50.60%          | 8.130%        |
| 14        | 11.495      | 1554          | 1557        | 1571         | rBV      | 608311         | 930156        | 21.09%          | 3.388%        |
| 15        | 12.948      | 1798          | 1804        | 1812         | rBV      | 35776          | 61995         | 1.41%           | 0.226%        |
| 16        | 13.077      | 1822          | 1826        | 1847         | rBV      | 3034844        | 3653969       | 82.83%          | 13.309%       |
| 17        | 14.148      | 2004          | 2008        | 2026         | rBV      | 778277         | 1069050       | 24.23%          | 3.894%        |
| 18        | 15.683      | 2260          | 2269        | 2280         | rBV      | 435168         | 843058        | 19.11%          | 3.071%        |
| 19        | 16.112      | 2339          | 2342        | 2349         | rVB3     | 34704          | 55164         | 1.25%           | 0.201%        |
| 20        | 16.642      | 2428          | 2432        | 2438         | rBV7     | 25402          | 50316         | 1.14%           | 0.183%        |

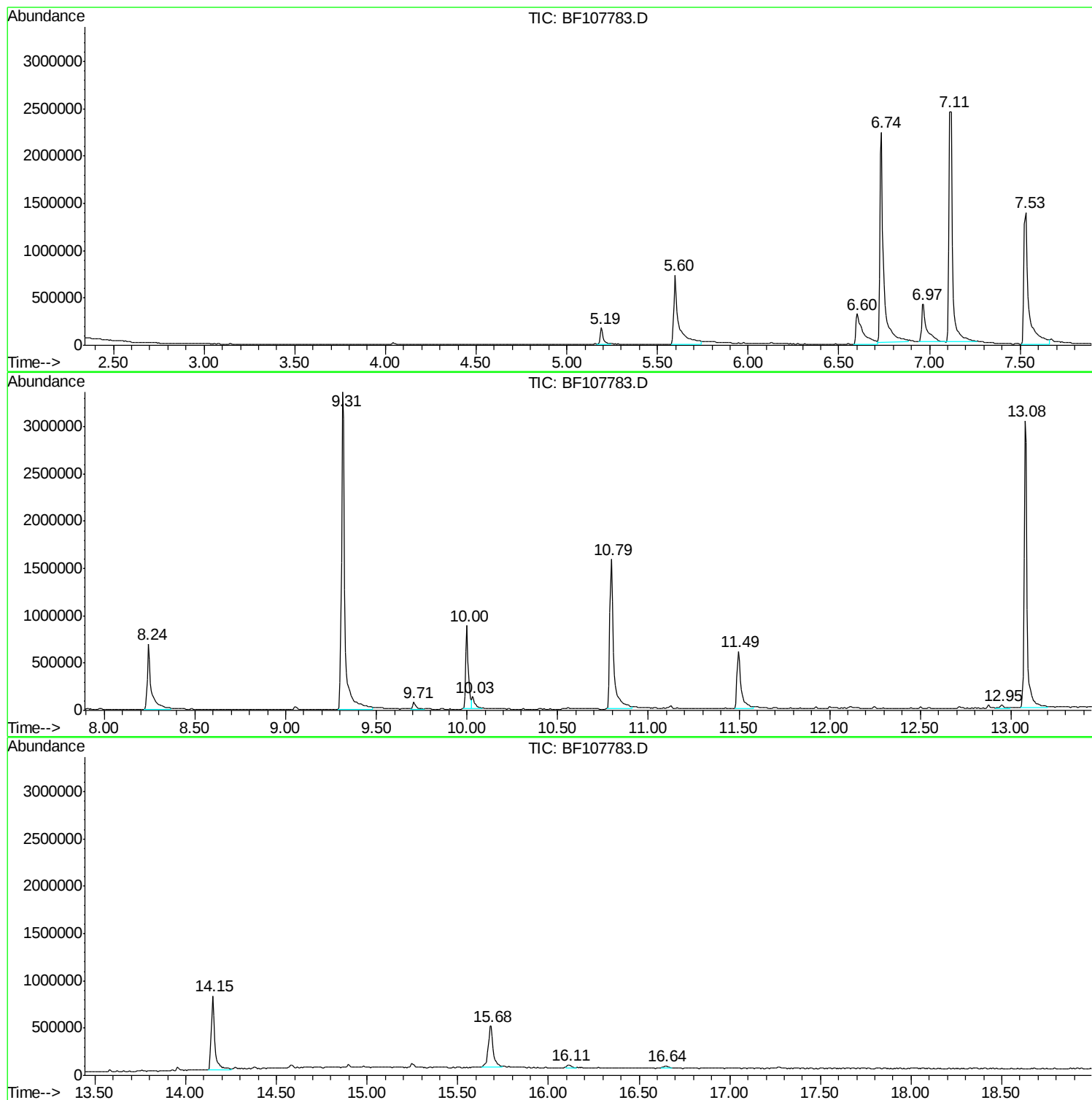
Sum of corrected areas: 27455816

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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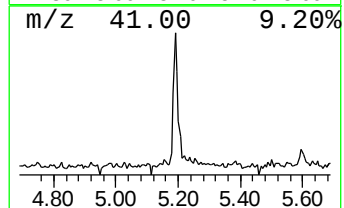
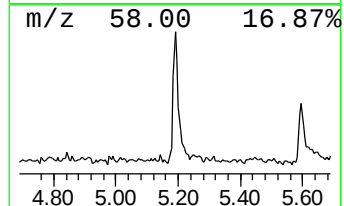
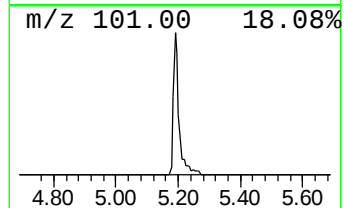
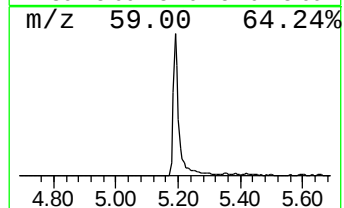
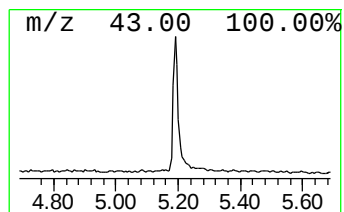
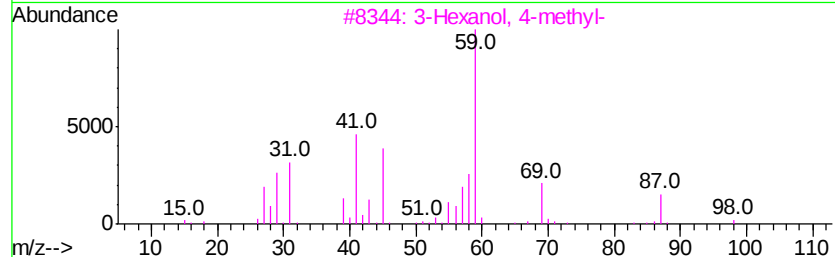
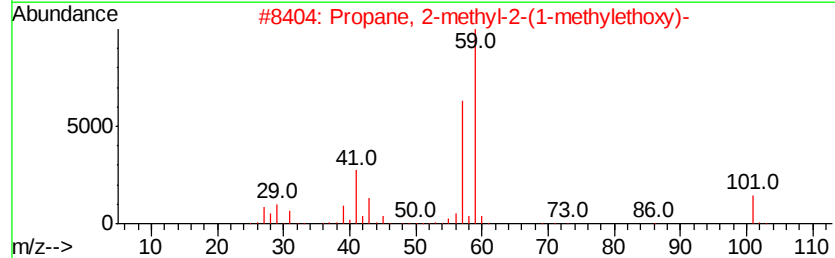
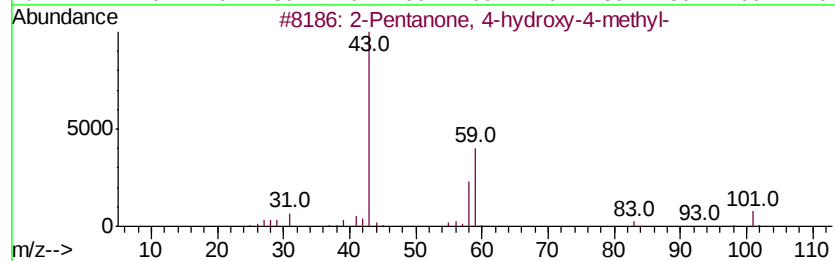
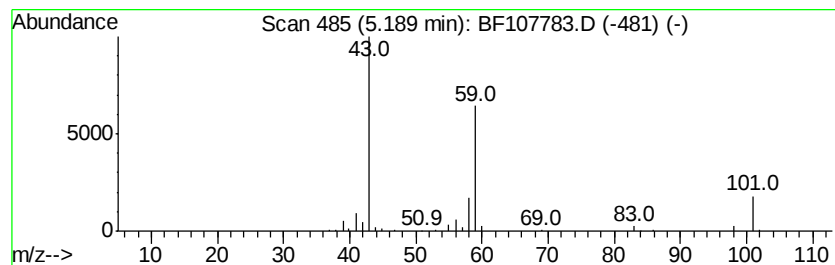
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.19 | 5.15 ng | 203156 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 56   |
| 2    |    |   | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O  | 017348-59-3 | 36   |
| 3    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O  | 000615-29-2 | 28   |
| 4    |    |   | 3-Octanol                           | 130 | C8H18O  | 000589-98-0 | 28   |
| 5    |    |   | Propanoic acid, 2-hydroxy-2-meth... | 132 | C6H12O3 | 000080-55-7 | 25   |



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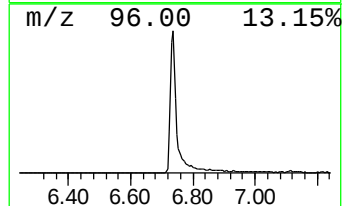
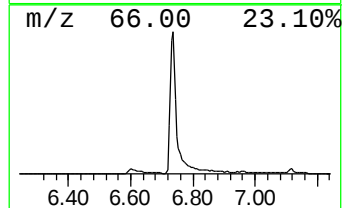
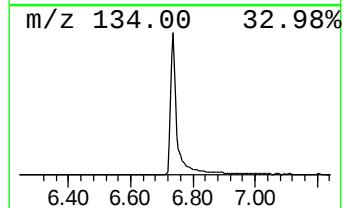
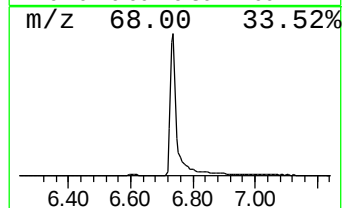
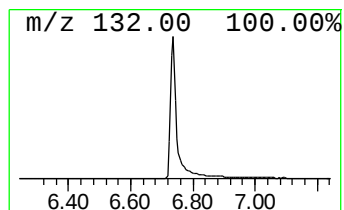
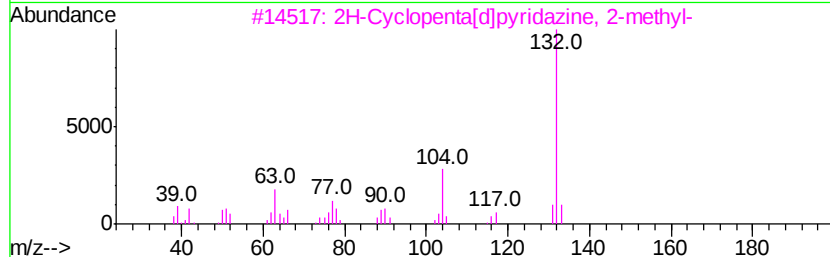
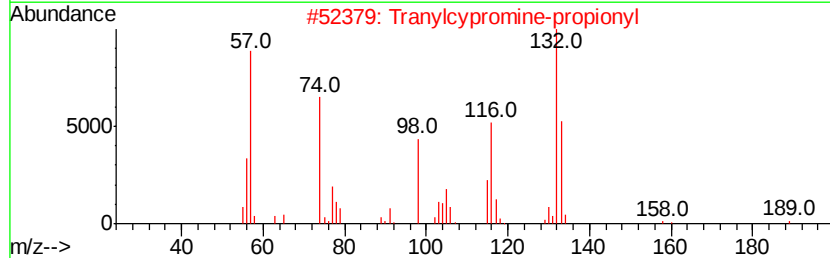
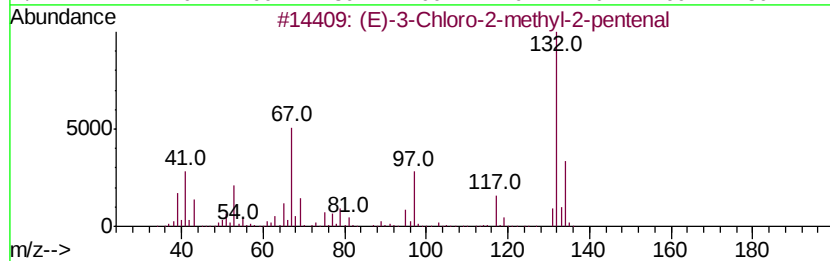
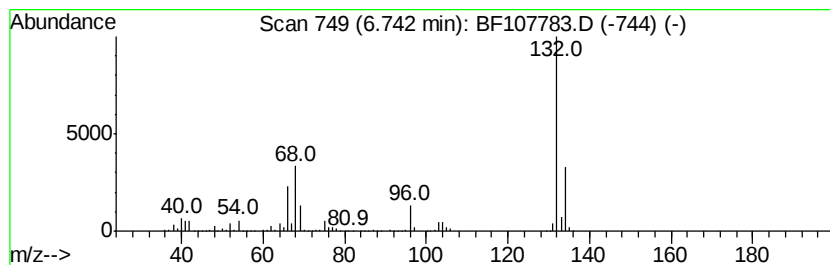
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Peak Number 2 unknown6.74 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.74 | 79.66 ng | 3141220 | 1,4-Dichlorobenzene-d4 | 6.97 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 25   |
| 2    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 3    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 9    |
| 4    |    | 4-Chloro-2-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-00-5  | 9    |
| 5    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.19 | 5.2     | ng    | 203156   | 1                     | 6.97 | 788618 | 20.0 |
| unknown6.74          | 6.74 | 79.7    | ng    | 3141220  | 1                     | 6.97 | 788618 | 20.0 |