

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF062518\  
 Data File : BF106803.D  
 Acq On : 26 Jun 2018 5:59  
 Operator : JU/SJ  
 Sample : J3689-01  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 062118-DBRI-E-D-B

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-BF061918.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         | 5.190       | 482           | 485         | 492          | rBV      | 20101          | 21494         | 1.76%           | 0.292%        |
| 2         | 5.601       | 551           | 555         | 568          | rBB      | 403083         | 355258        | 29.03%          | 4.825%        |
| 3         | 6.601       | 721           | 725         | 735          | rBV2     | 264688         | 266567        | 21.78%          | 3.620%        |
| 4         | 6.737       | 744           | 748         | 751          | rBV      | 753173         | 621872        | 50.81%          | 8.446%        |
| 5         | 6.960       | 782           | 786         | 789          | rBV      | 323205         | 255616        | 20.88%          | 3.472%        |
| 6         | 7.119       | 808           | 813         | 816          | rBV      | 1006641        | 885105        | 72.32%          | 12.021%       |
| 7         | 7.525       | 877           | 882         | 885          | rBV      | 688414         | 665467        | 54.37%          | 9.038%        |
| 8         | 8.242       | 1000          | 1004        | 1021         | rBB      | 337592         | 290028        | 23.70%          | 3.939%        |
| 9         | 9.319       | 1182          | 1187        | 1190         | rBV      | 1239525        | 1155087       | 94.37%          | 15.687%       |
| 10        | 9.707       | 1249          | 1253        | 1260         | rBB      | 20809          | 19221         | 1.57%           | 0.261%        |
| 11        | 10.001      | 1300          | 1303        | 1310         | rVB      | 319394         | 274602        | 22.44%          | 3.729%        |
| 12        | 10.407      | 1370          | 1372        | 1375         | rVB      | 18914          | 14040         | 1.15%           | 0.191%        |
| 13        | 10.660      | 1412          | 1415        | 1418         | rBV      | 86034          | 60456         | 4.94%           | 0.821%        |
| 14        | 10.795      | 1434          | 1438        | 1446         | rBV      | 504471         | 442811        | 36.18%          | 6.014%        |
| 15        | 10.883      | 1450          | 1453        | 1456         | rBV      | 14641          | 13536         | 1.11%           | 0.184%        |
| 16        | 11.495      | 1553          | 1557        | 1564         | rBV      | 345343         | 289143        | 23.62%          | 3.927%        |
| 17        | 13.077      | 1822          | 1826        | 1830         | rBV      | 1207509        | 1223949       | 100.00%         | 16.623%       |
| 18        | 13.954      | 1972          | 1975        | 1981         | rBV      | 17931          | 22367         | 1.83%           | 0.304%        |
| 19        | 14.148      | 2004          | 2008        | 2013         | rBV      | 321978         | 290205        | 23.71%          | 3.941%        |
| 20        | 15.683      | 2263          | 2269        | 2277         | rVB      | 145300         | 196342        | 16.04%          | 2.667%        |

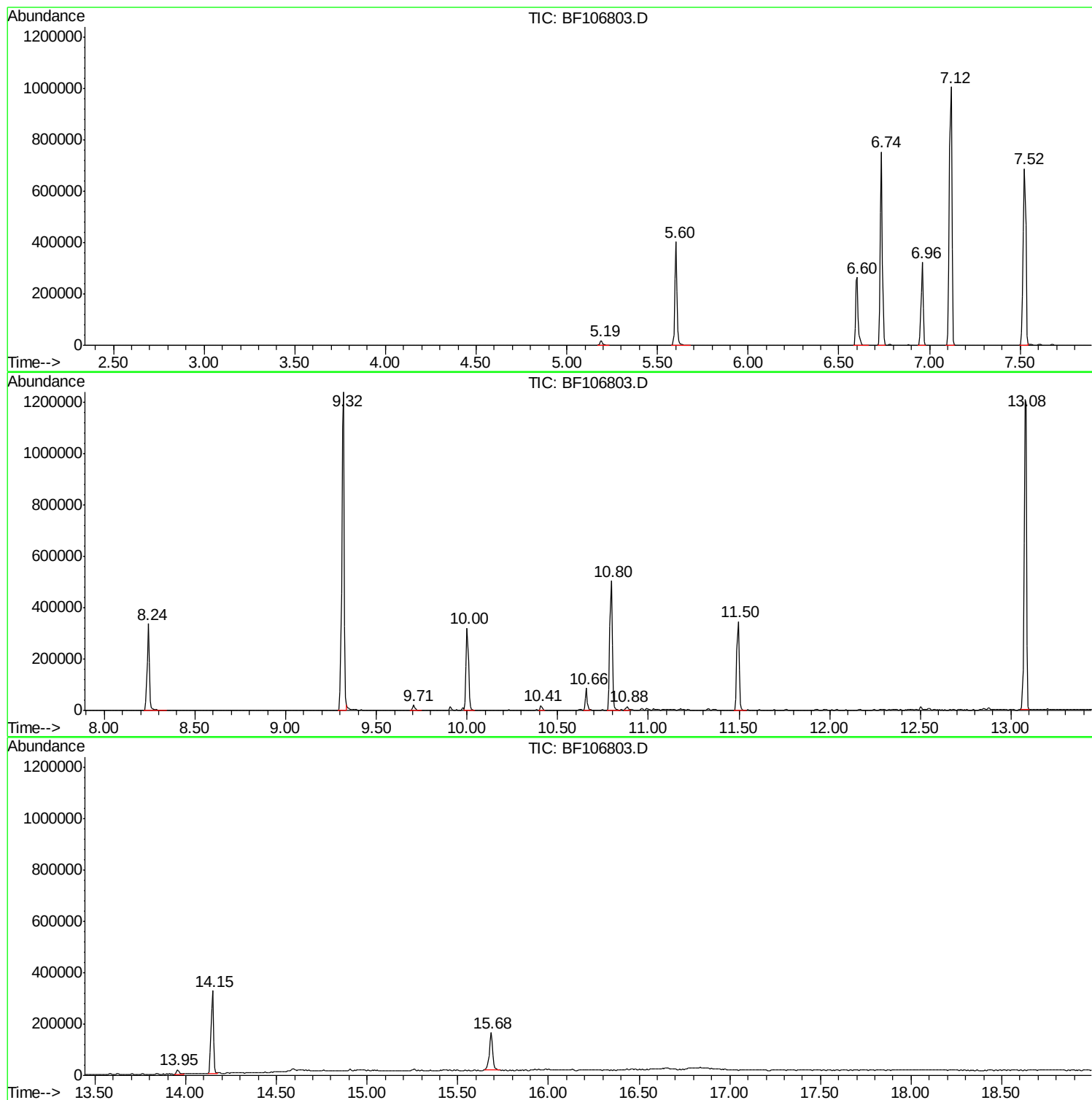
Sum of corrected areas: 7363166

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ClientSampleId :  
062118-DBRI-E-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.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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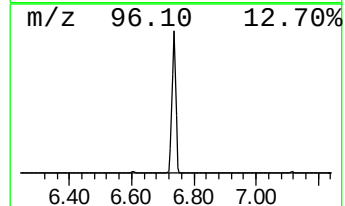
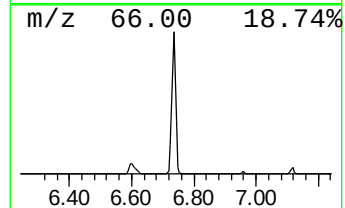
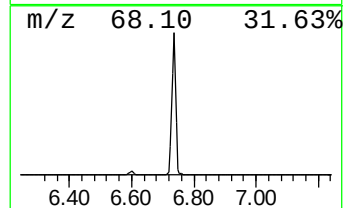
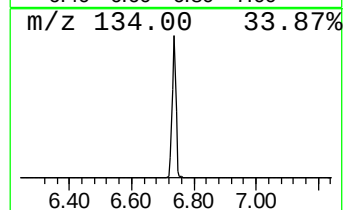
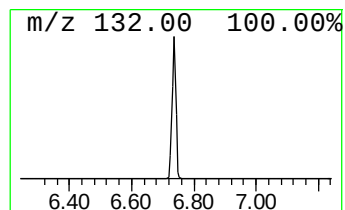
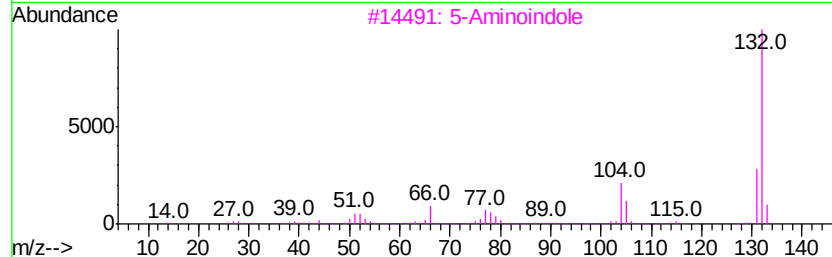
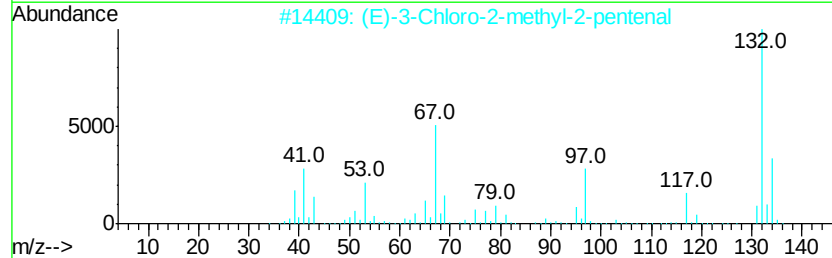
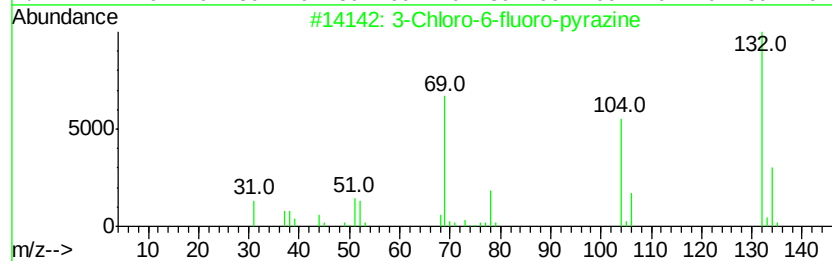
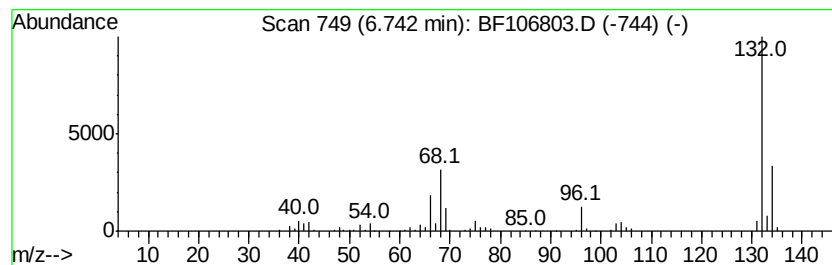
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown6.74 Concentration Rank 2

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 6.74 | 48.66 ng | 621872 | 1,4-Dichlorobenzene-d4 | 6.96 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 16   |
| 3    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2    | 000615-15-6  | 10   |
| 5    |    | Tranlylcypromine-propionyl       | 189 | C12H15NO  | 1000123-86-3 | 10   |



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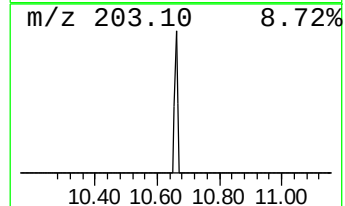
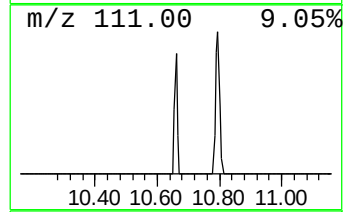
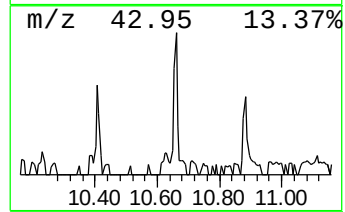
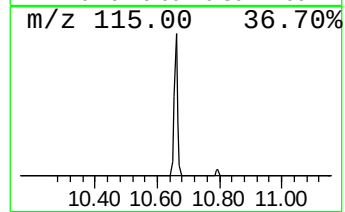
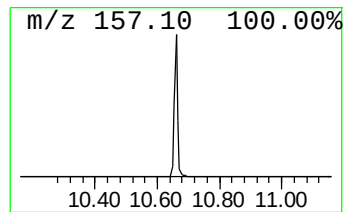
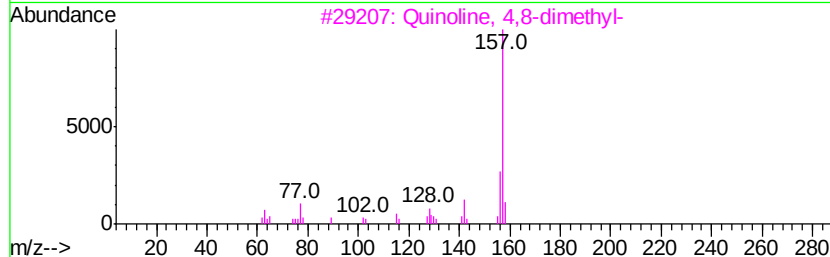
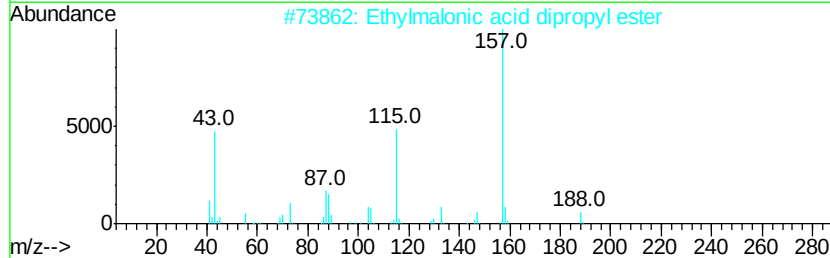
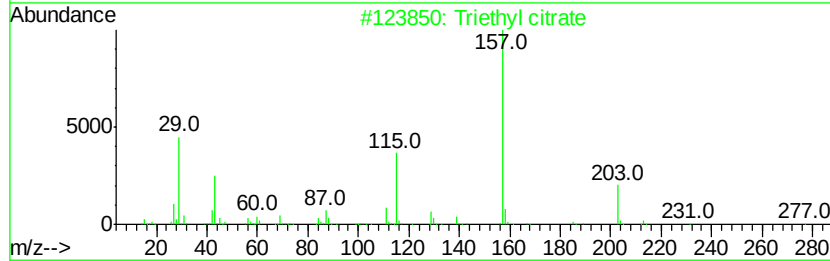
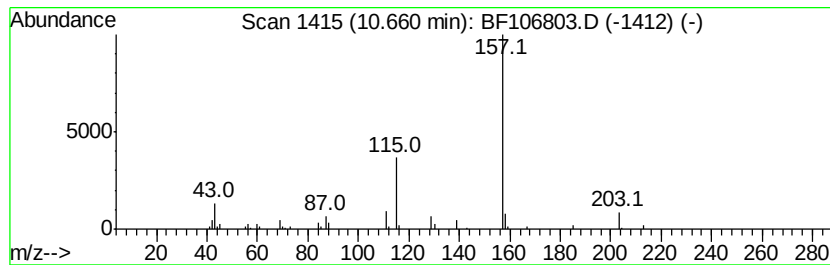
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Peak Number 3 Triethyl citrate Concentration Rank 3

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 10.66     | 4.40 ng                             | 60456 | Acenaphthene-d10 | 10.00        |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | Triethyl citrate                    | 276   | C12H20O7         | 000077-93-0  | 90   |
| 2         | Ethylmalonic acid dipropyl ester    | 216   | C11H20O4         | 001113-91-3  | 59   |
| 3         | Quinoline, 4,8-dimethyl-            | 157   | C11H11N          | 013362-80-6  | 40   |
| 4         | 3-Chloro2-fluorobenzoic acid, 3-... | 370   | C21H32ClF02      | 1000338-64-6 | 36   |
| 5         | Piperazine-1-carboxylic acid, 4-... | 362   | C14H19ClN2O5S    | 1000303-80-2 | 36   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | ---Internal Standard--- |       |        |      |
|------------------|-------|---------|-------|----------|-------------------------|-------|--------|------|
|                  |       |         |       |          | #                       | RT    | Resp   | Conc |
| unknown6.74      | 6.74  | 48.7    | ng    | 621872   | 1                       | 6.96  | 255616 | 20.0 |
| Triethyl citrate | 10.66 | 4.4     | ng    | 60456    | 3                       | 10.00 | 274602 | 20.0 |