

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\  
Data File : BM015809.D  
Acq On : 06 Jul 2018 19:30  
Operator : SJ/JU  
Sample : PB110833BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB110833BL

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-BM070518.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         | 5.810       | 420           | 429         | 450          | rBV      | 2262263        | 3389639       | 18.08%          | 4.721%        |
| 2         | 7.457       | 699           | 709         | 734          | rBV      | 2234149        | 3596446       | 19.18%          | 5.009%        |
| 3         | 7.834       | 764           | 773         | 799          | rBV      | 2343901        | 3814325       | 20.35%          | 5.312%        |
| 4         | 8.304       | 846           | 853         | 870          | rBV      | 516809         | 844567        | 4.51%           | 1.176%        |
| 5         | 8.634       | 900           | 909         | 936          | rBV      | 1687305        | 2821818       | 15.05%          | 3.930%        |
| 6         | 9.492       | 1046          | 1055        | 1085         | rBV      | 1329692        | 2192464       | 11.70%          | 3.054%        |
| 7         | 11.133      | 1325          | 1334        | 1373         | rBV      | 622572         | 1074512       | 5.73%           | 1.497%        |
| 8         | 13.551      | 1737          | 1745        | 1767         | rBV      | 3214267        | 4610391       | 24.59%          | 6.421%        |
| 9         | 14.927      | 1968          | 1979        | 1996         | rBV2     | 862833         | 1272138       | 6.79%           | 1.772%        |
| 10        | 16.404      | 2223          | 2230        | 2257         | rBV      | 2473147        | 3300923       | 17.61%          | 4.597%        |
| 11        | 17.651      | 2436          | 2442        | 2467         | rBV      | 932759         | 1336713       | 7.13%           | 1.862%        |
| 12        | 20.215      | 2871          | 2878        | 3135         | rBV3     | 4033513        | 8803279       | 46.96%          | 12.261%       |
| 13        | 21.762      | 3135          | 3141        | 3543         | rVV9     | 841842         | 15997637      | 85.34%          | 22.281%       |
| 14        | 24.162      | 3543          | 3549        | 4436         | rVV      | 497835         | 18746214      | 100.00%         | 26.109%       |

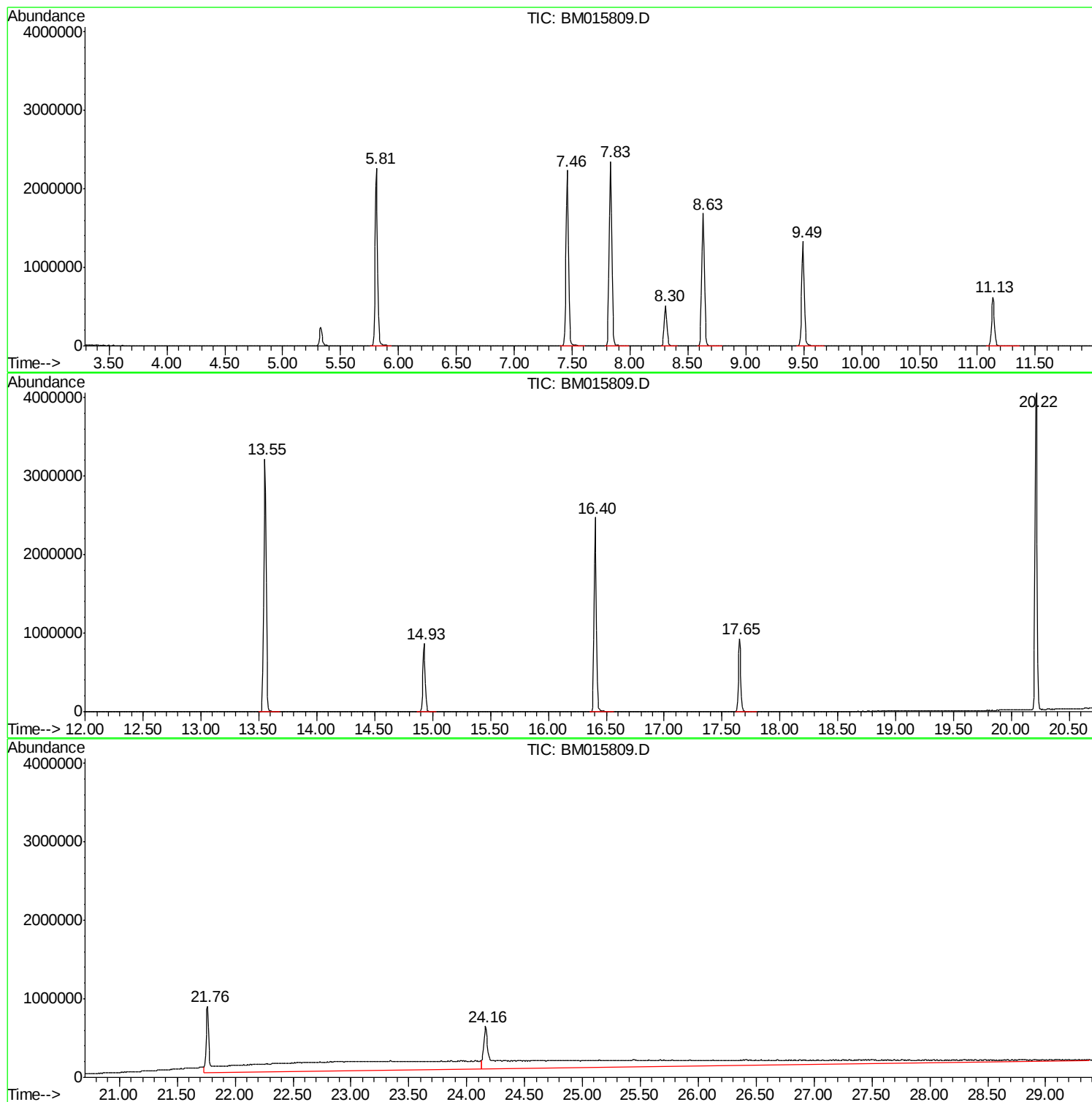
Sum of corrected areas: 71801066

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: RTEINT.P



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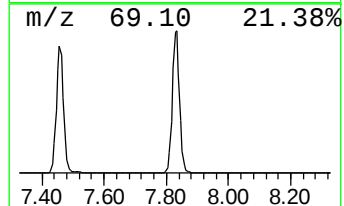
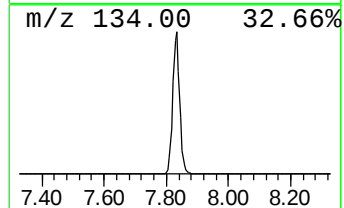
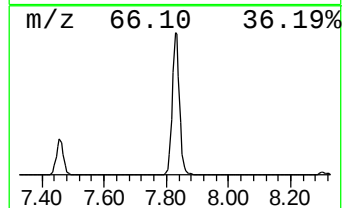
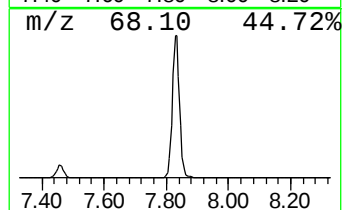
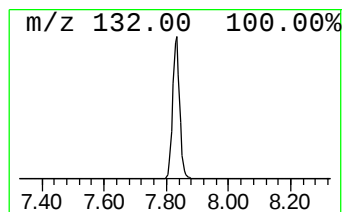
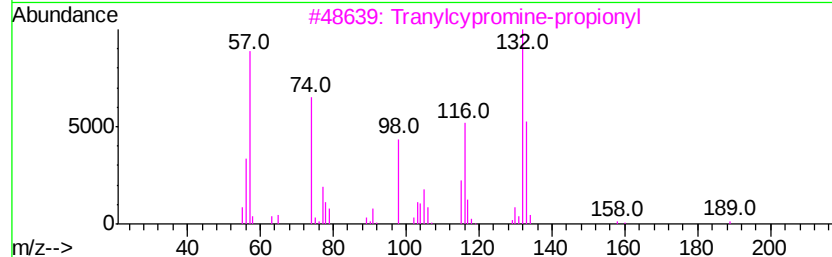
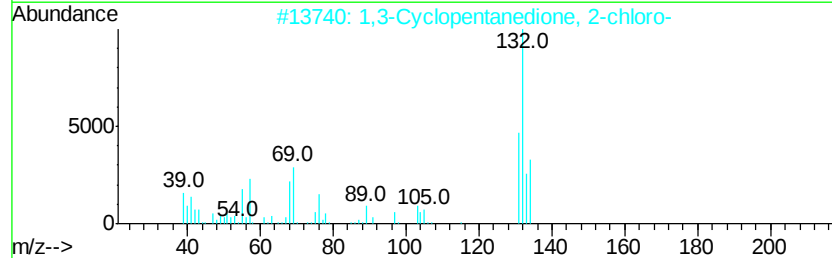
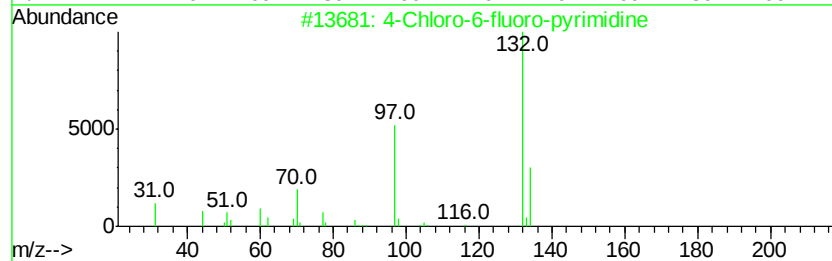
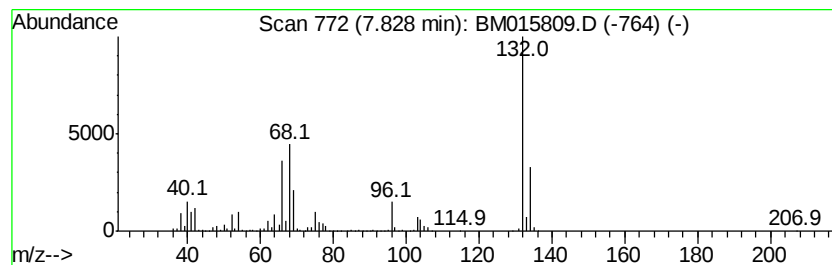
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Peak Number 1 unknown7.83 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.83 | 90.33 ng | 3814330 | 1,4-Dichlorobenzene-d4 | 8.30 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2    |    | 1,3-Cyclopentanedione, 2-chloro-    | 132 | C5H5ClO2  | 014203-19-1  | 25   |
| 3    |    | Tranvlcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 22   |
| 4    |    | 1,3,4-Thiadiazole-2(3H)-thione, ... | 132 | C3H4N2S2  | 029490-19-5  | 22   |
| 5    |    | 1H-Benzimidazole, 2-methyl-         | 132 | C8H8N2    | 000615-15-6  | 22   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown7.83      | 7.83 | 90.3    | ng    | 3814330  | 1                     | 8.30 | 844567 | 20.0 |