

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031418\  
 Data File : BF103640.D  
 Acq On : 14 Mar 2018 15:05  
 Operator : SJ/JU  
 Sample : PB107325BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB107325BL

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:\HPCHEM1\BNA\_F\METHODS\8270-BF022218.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         | 5.122       | 513           | 516         | 526          | rBV2     | 30246          | 67522         | 1.57%           | 0.211%        |
| 2         | 5.487       | 575           | 578         | 615          | rBV      | 1781736        | 3831963       | 89.16%          | 12.002%       |
| 3         | 6.498       | 747           | 750         | 769          | rBV      | 2059399        | 3665158       | 85.28%          | 11.479%       |
| 4         | 6.628       | 769           | 772         | 808          | rVV      | 2848751        | 4297975       | 100.00%         | 13.461%       |
| 5         | 6.857       | 808           | 811         | 833          | rVV      | 402253         | 867904        | 20.19%          | 2.718%        |
| 6         | 7.010       | 833           | 837         | 871          | rVB      | 2183972        | 2957040       | 68.80%          | 9.262%        |
| 7         | 7.428       | 905           | 908         | 945          | rBV      | 1376335        | 2706955       | 62.98%          | 8.478%        |
| 8         | 8.139       | 1026          | 1029        | 1064         | rBV      | 546503         | 1129742       | 26.29%          | 3.538%        |
| 9         | 9.210       | 1207          | 1211        | 1237         | rBV      | 3075020        | 4031150       | 93.79%          | 12.626%       |
| 10        | 9.898       | 1324          | 1328        | 1345         | rBV      | 869652         | 1153841       | 26.85%          | 3.614%        |
| 11        | 10.692      | 1460          | 1463        | 1494         | rBV      | 1020732        | 1818695       | 42.32%          | 5.696%        |
| 12        | 11.398      | 1579          | 1583        | 1611         | rBV      | 612529         | 1079542       | 25.12%          | 3.381%        |
| 13        | 12.974      | 1847          | 1851        | 1866         | rBV      | 2372311        | 2942082       | 68.45%          | 9.215%        |
| 14        | 14.057      | 2031          | 2035        | 2045         | rBV      | 447938         | 711826        | 16.56%          | 2.229%        |
| 15        | 15.574      | 2287          | 2293        | 2307         | rBV      | 286380         | 666839        | 15.52%          | 2.089%        |

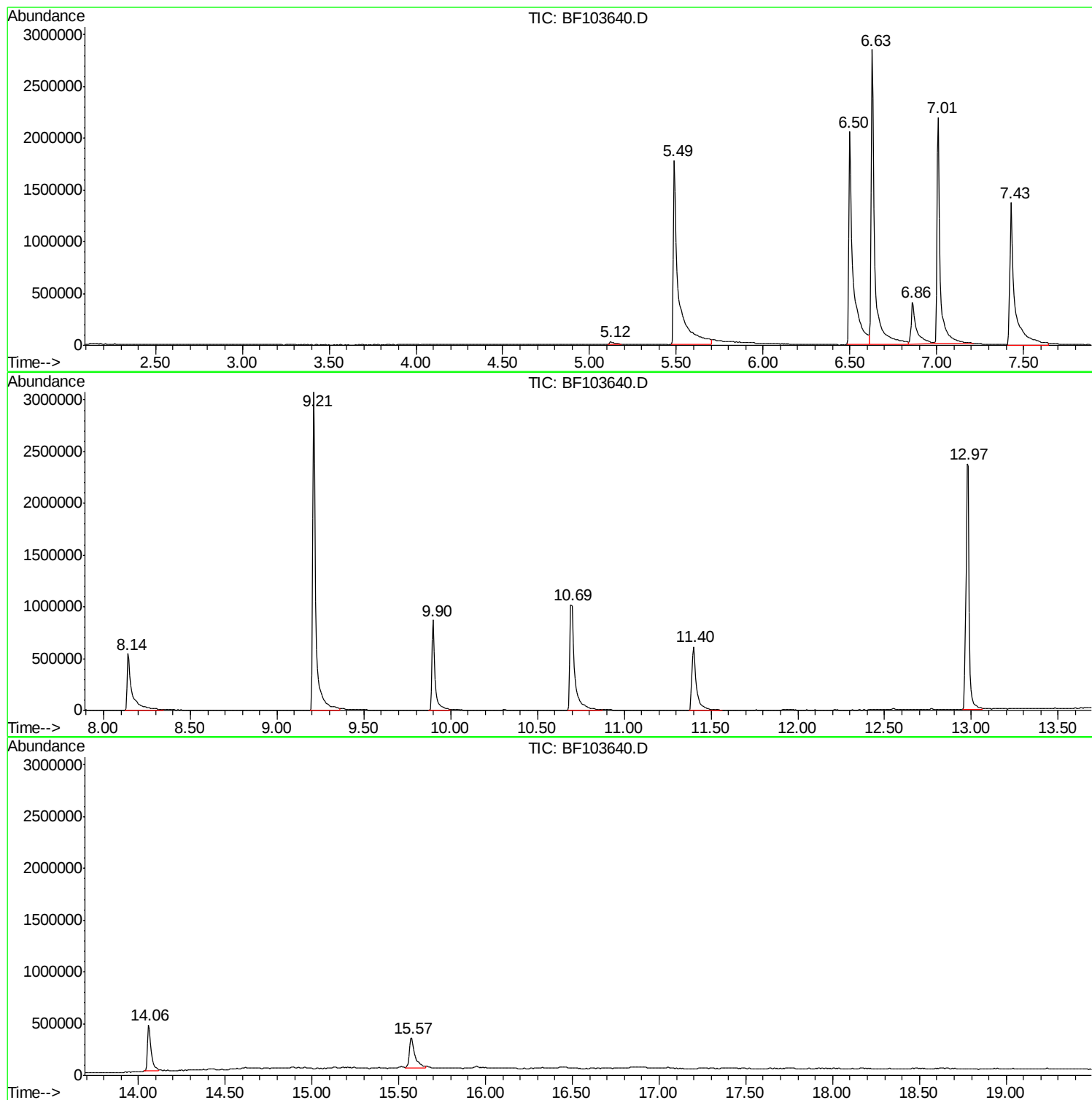
Sum of corrected areas: 31928234

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF022218.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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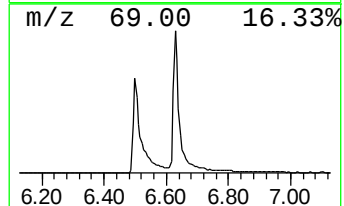
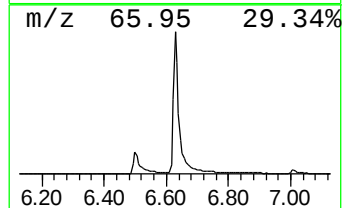
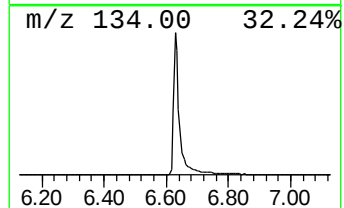
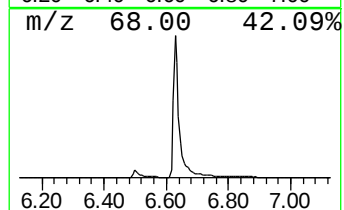
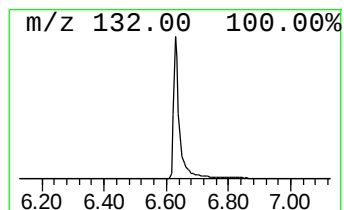
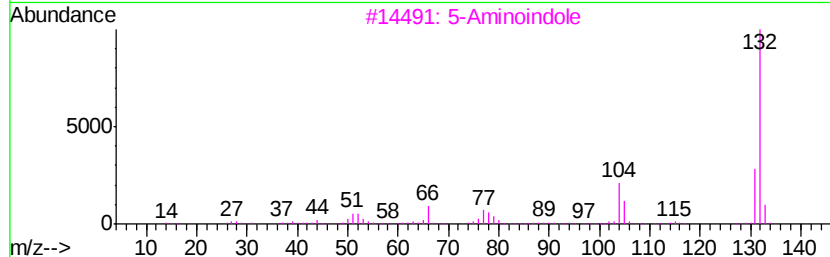
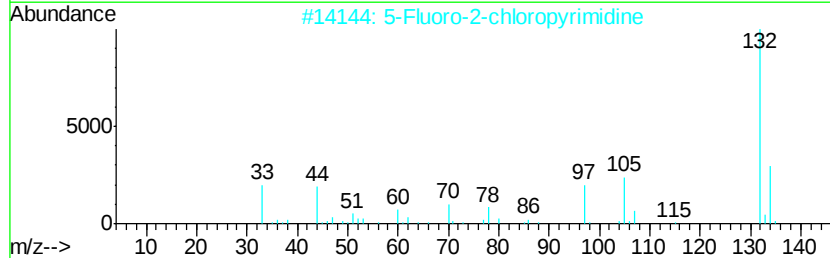
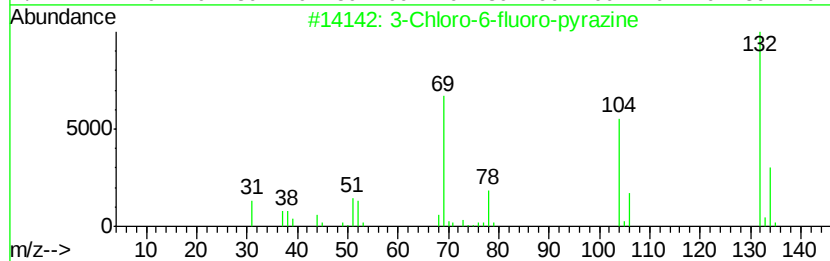
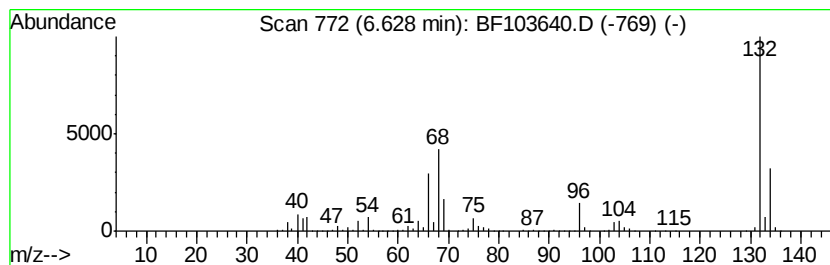
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown6.63 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.63 | 99.04 ng | 4297980 | 1,4-Dichlorobenzene-d4 | 6.86 |

| Hit# | of | Tentative ID                   | MW  | MolForm   | CAS#         | Qual |
|------|----|--------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine     | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 5-Fluoro-2-chloropyrimidine    | 132 | C4H2ClFN2 | 062802-42-0  | 16   |
| 3    |    | 5-Aminoindole                  | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | Tranylcypromine-propionyl      | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | 1-Methylpyrrolo[1,2-a]pyrazine | 132 | C8H8N2    | 064608-59-9  | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown6.63      | 6.63 | 99.0    | ng    | 4297980  | 1                     | 6.86 | 867904 | 20.0 |