

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF040419\  
 Data File : BF113584.D  
 Acq On : 4 Apr 2019 15:36  
 Operator : JU/SJ  
 Sample : PB118322BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB118322BL

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 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-BF040319.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         | 5.310       | 543           | 548         | 579          | rBV      | 3221593        | 3594138       | 71.03%          | 9.548%        |
| 2         | 6.334       | 717           | 722         | 725          | rBV      | 3334281        | 3594263       | 71.03%          | 9.549%        |
| 3         | 6.457       | 738           | 743         | 746          | rBV      | 3719665        | 3676125       | 72.65%          | 9.766%        |
| 4         | 6.681       | 777           | 781         | 794          | rBV      | 1003225        | 909880        | 17.98%          | 2.417%        |
| 5         | 6.839       | 803           | 808         | 811          | rBV      | 2963259        | 2917518       | 57.66%          | 7.751%        |
| 6         | 7.245       | 872           | 877         | 880          | rBV      | 2172204        | 2336790       | 46.18%          | 6.208%        |
| 7         | 7.963       | 994           | 999         | 1017         | rBV      | 1162823        | 1169485       | 23.11%          | 3.107%        |
| 8         | 9.039       | 1176          | 1182        | 1185         | rBV      | 4420260        | 4531207       | 89.54%          | 12.038%       |
| 9         | 9.710       | 1291          | 1296        | 1310         | rBV2     | 1499262        | 1379719       | 27.27%          | 3.665%        |
| 10        | 10.504      | 1426          | 1431        | 1457         | rBV      | 2832993        | 3115274       | 61.56%          | 8.276%        |
| 11        | 11.192      | 1543          | 1548        | 1562         | rBV      | 1612915        | 1564154       | 30.91%          | 4.155%        |
| 12        | 12.774      | 1811          | 1817        | 1820         | rBV      | 4541057        | 5060266       | 100.00%         | 13.443%       |
| 13        | 13.821      | 1990          | 1995        | 2008         | rBV      | 1564366        | 1612417       | 31.86%          | 4.284%        |
| 14        | 14.286      | 2068          | 2074        | 2078         | rBV2     | 52175          | 70033         | 1.38%           | 0.186%        |
| 15        | 14.580      | 2119          | 2124        | 2130         | rBV      | 95028          | 95453         | 1.89%           | 0.254%        |
| 16        | 14.892      | 2173          | 2177        | 2181         | rVB      | 94985          | 105070        | 2.08%           | 0.279%        |
| 17        | 15.221      | 2227          | 2233        | 2246         | rBV      | 1134502        | 1570002       | 31.03%          | 4.171%        |
| 18        | 15.627      | 2297          | 2302        | 2308         | rVB      | 100258         | 147027        | 2.91%           | 0.391%        |
| 19        | 16.080      | 2373          | 2379        | 2388         | rBV      | 73936          | 129956        | 2.57%           | 0.345%        |
| 20        | 16.609      | 2465          | 2469        | 2476         | rVB2     | 35882          | 62691         | 1.24%           | 0.167%        |

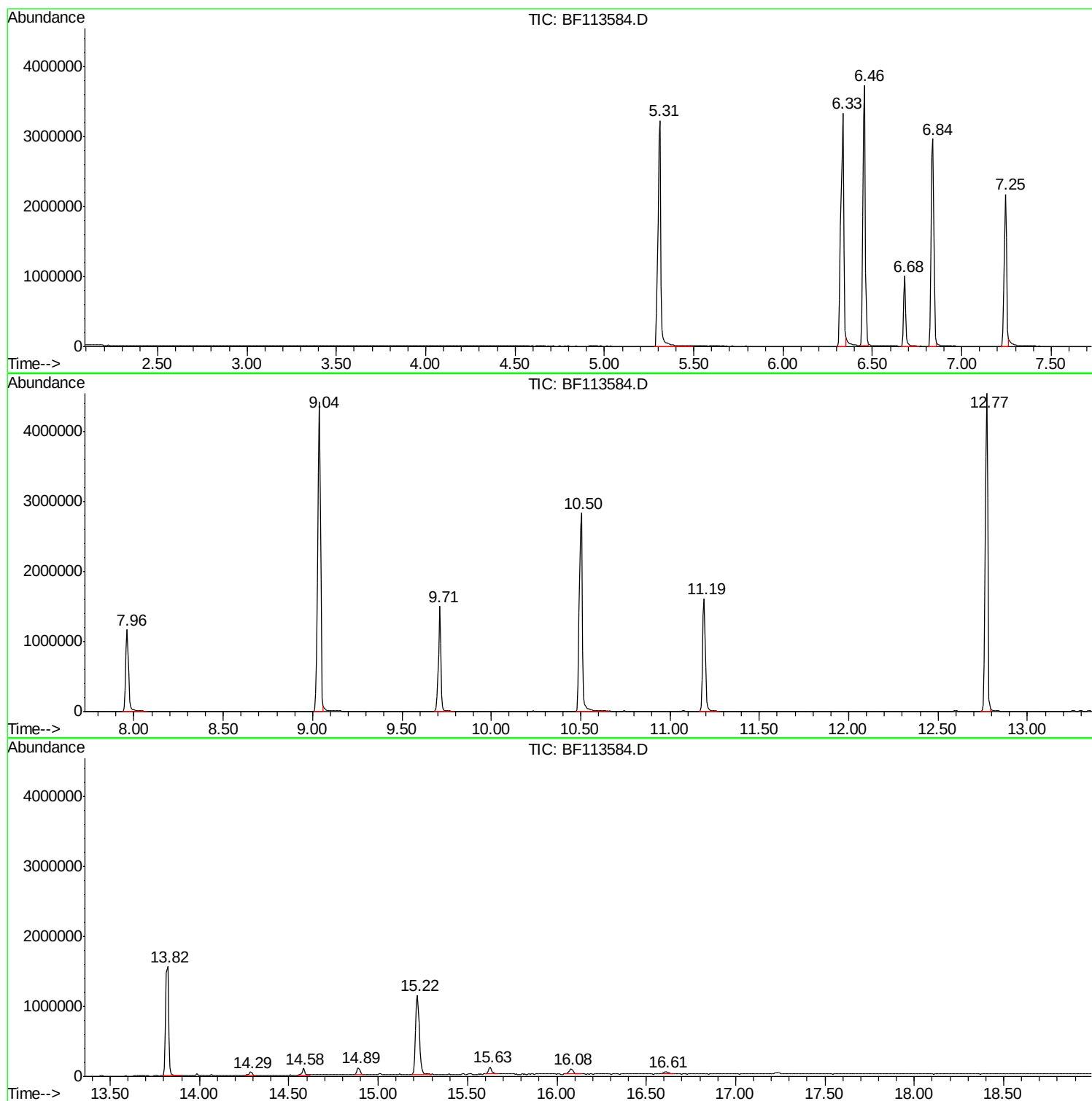
Sum of corrected areas: 37641468

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF040319.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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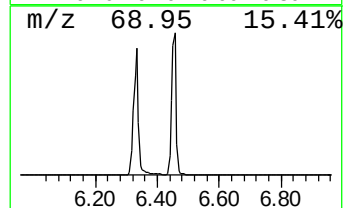
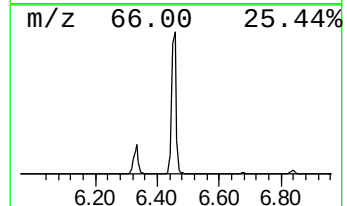
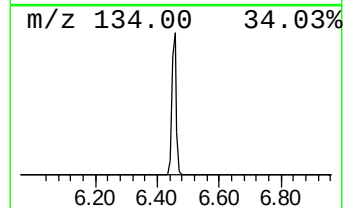
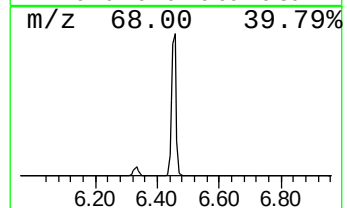
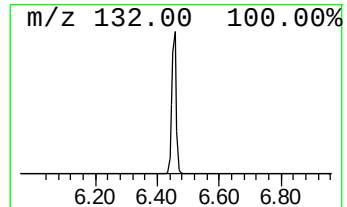
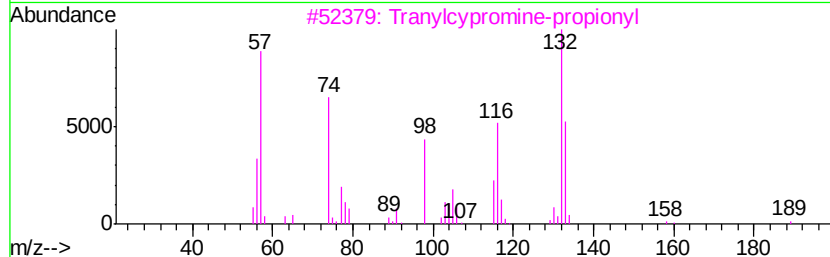
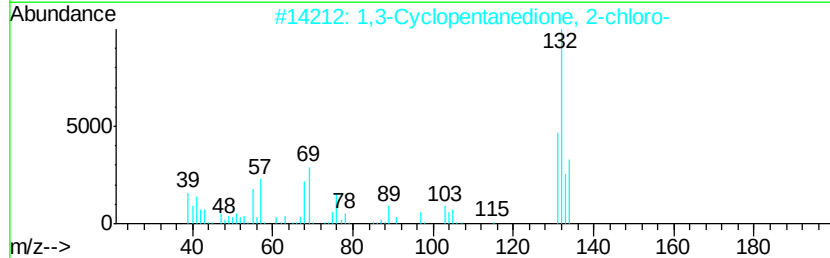
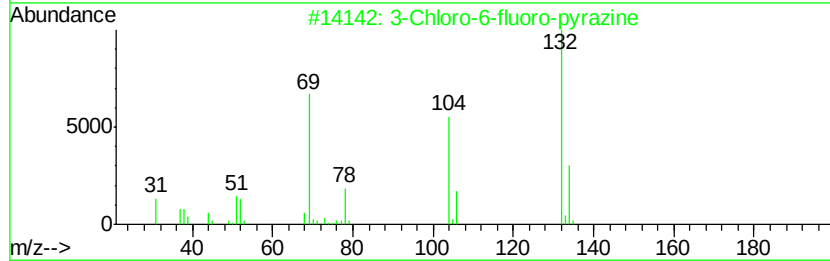
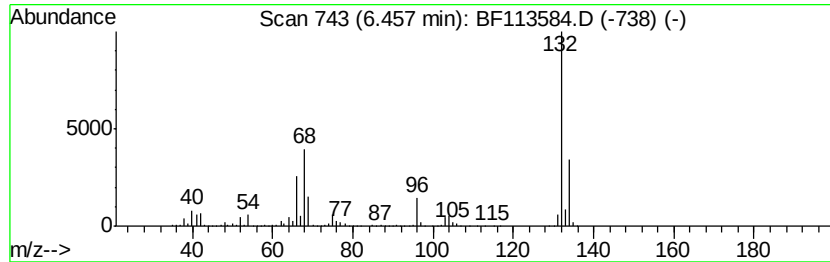
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown6.46 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.46 | 80.80 ng | 3676130 | 1,4-Dichlorobenzene-d4 | 6.68 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | 1,3-Cyclopentanedione, 2-chloro-    | 132 | C5H5ClO2  | 014203-19-1  | 17   |
| 3    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 5    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 9    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown6.46      | 6.46 | 80.8    | ng    | 3676130  | 1                     | 6.68 | 909880 | 20.0 |