

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF051115\  
 Data File : BF079116.D  
 Acq On : 11 May 2015 15:22  
 Operator : TP/IZ  
 Sample : G2182-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S32-0484

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-BF043015.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         | 1.576       | 31            | 34          | 37           | rVB      | 405795         | 551149        | 10.84%          | 2.711%        |
| 2         | 1.747       | 46            | 49          | 57           | rVB2     | 780871         | 1129974       | 22.22%          | 5.559%        |
| 3         | 1.861       | 57            | 59          | 108          | rVB      | 2695567        | 5084932       | 100.00%         | 25.016%       |
| 4         | 5.587       | 383           | 385         | 388          | rBV      | 563453         | 664855        | 13.08%          | 3.271%        |
| 5         | 6.856       | 494           | 496         | 498          | rBV      | 428768         | 411609        | 8.09%           | 2.025%        |
| 6         | 7.005       | 507           | 509         | 512          | rBV      | 1366169        | 1318867       | 25.94%          | 6.488%        |
| 7         | 7.302       | 532           | 535         | 537          | rBV      | 259834         | 320402        | 6.30%           | 1.576%        |
| 8         | 7.485       | 549           | 551         | 553          | rVB      | 1406384        | 1260799       | 24.79%          | 6.203%        |
| 9         | 7.988       | 593           | 595         | 598          | rBV      | 1169046        | 1011387       | 19.89%          | 4.976%        |
| 10        | 8.879       | 670           | 673         | 675          | rBV      | 320975         | 440179        | 8.66%           | 2.166%        |
| 11        | 10.216      | 788           | 790         | 793          | rBV      | 1684468        | 2003517       | 39.40%          | 9.857%        |
| 12        | 11.051      | 861           | 863         | 866          | rVB      | 560147         | 519803        | 10.22%          | 2.557%        |
| 13        | 12.034      | 946           | 949         | 951          | rBV      | 1364238        | 1375014       | 27.04%          | 6.765%        |
| 14        | 12.891      | 1022          | 1024        | 1027         | rVB      | 412982         | 550143        | 10.82%          | 2.707%        |
| 15        | 14.891      | 1197          | 1199        | 1202         | rBV      | 1674676        | 2290733       | 45.05%          | 11.270%       |
| 16        | 16.080      | 1301          | 1303        | 1308         | rBV      | 30340          | 51547         | 1.01%           | 0.254%        |
| 17        | 16.206      | 1312          | 1314        | 1317         | rBV      | 446814         | 626519        | 12.32%          | 3.082%        |
| 18        | 17.429      | 1419          | 1421        | 1424         | rBV      | 49905          | 60709         | 1.19%           | 0.299%        |
| 19        | 18.046      | 1472          | 1475        | 1477         | rBV      | 421180         | 654552        | 12.87%          | 3.220%        |

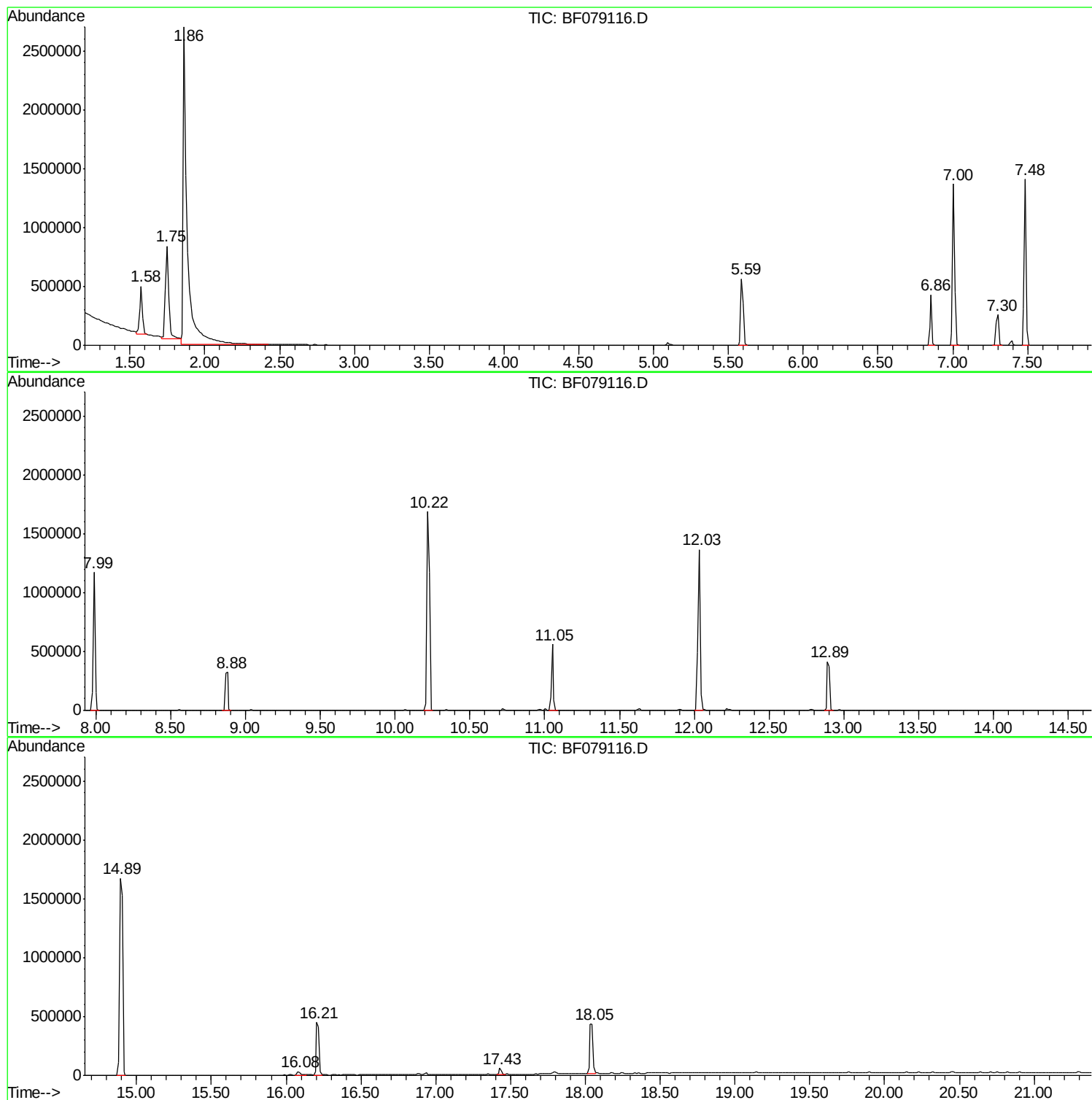
Sum of corrected areas: 20326690

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

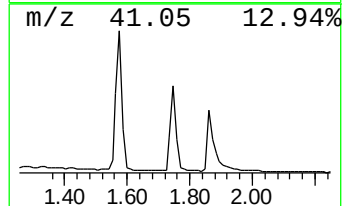
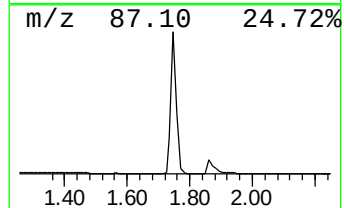
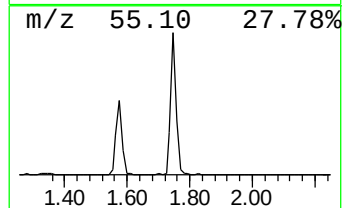
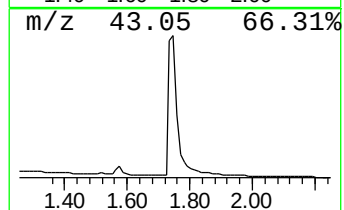
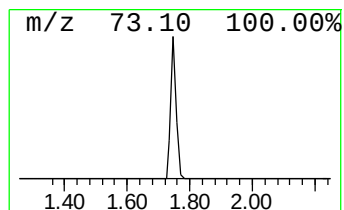
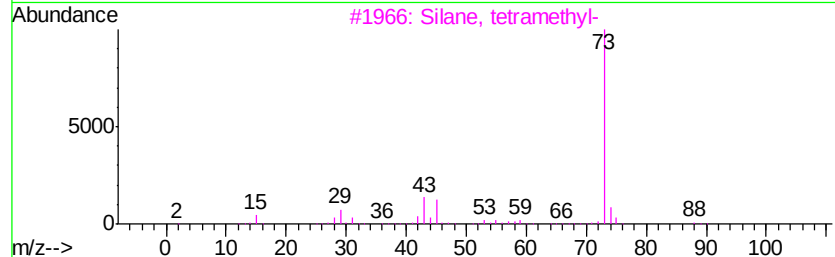
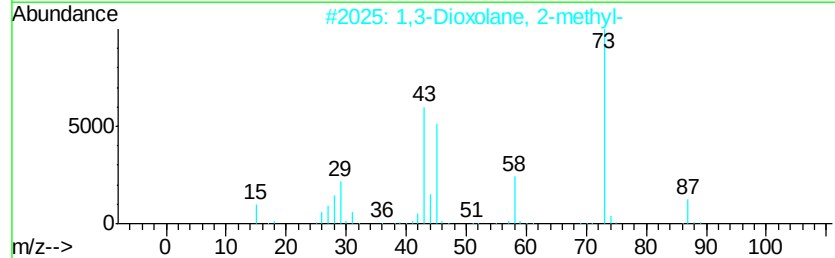
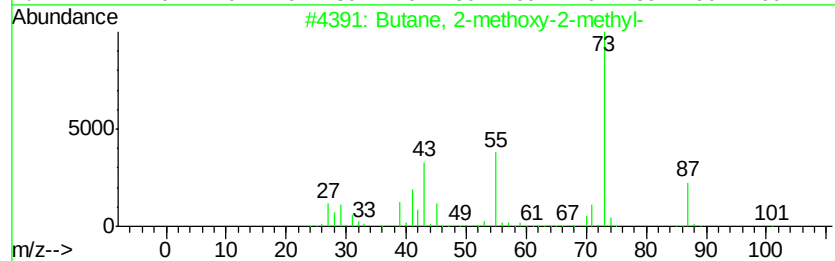
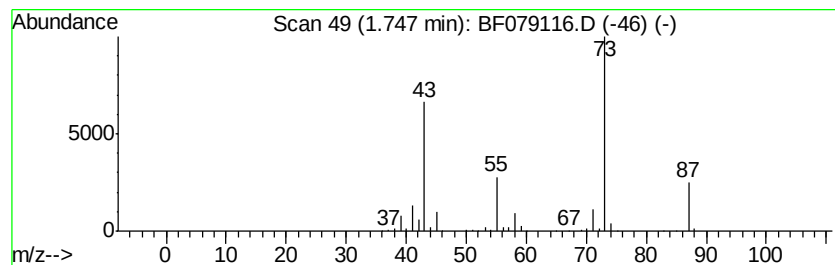
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 1.75 | 70.53 ng | 1129970 | 1,4-Dichlorobenzene-d4 | 7.30 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 56   |
| 2    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 37   |
| 3    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 35   |
| 4    |    | Acetamide, N-methyl-        | 73  | C3H7NO  | 000079-16-3 | 12   |
| 5    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |



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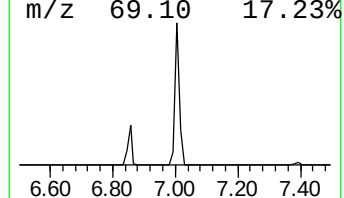
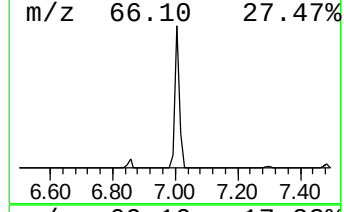
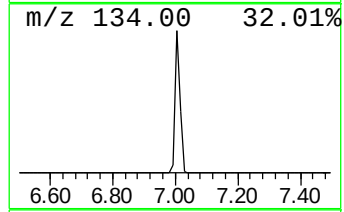
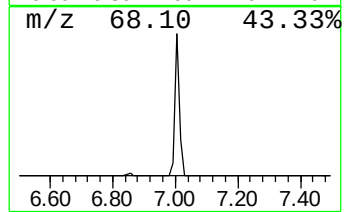
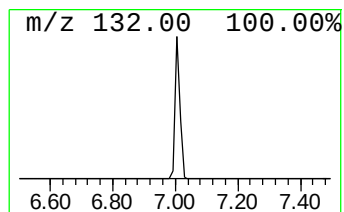
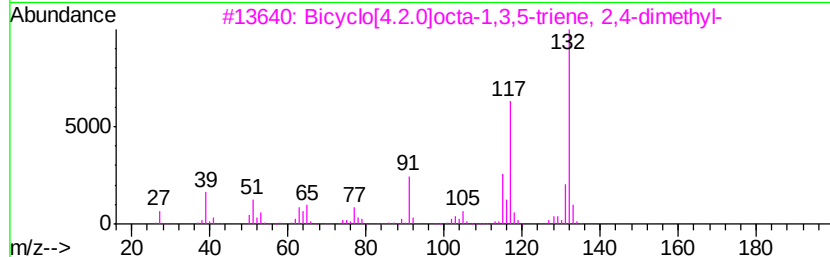
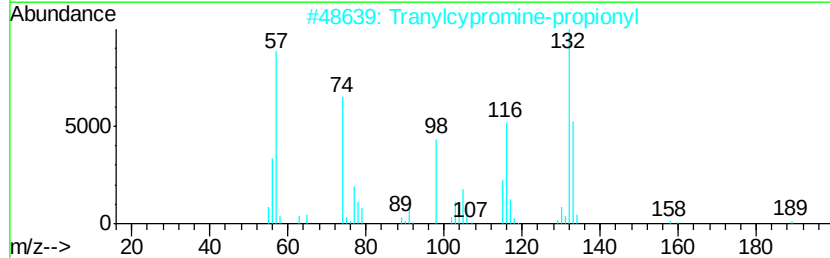
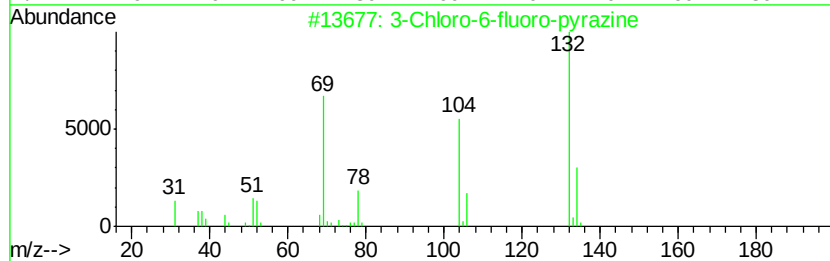
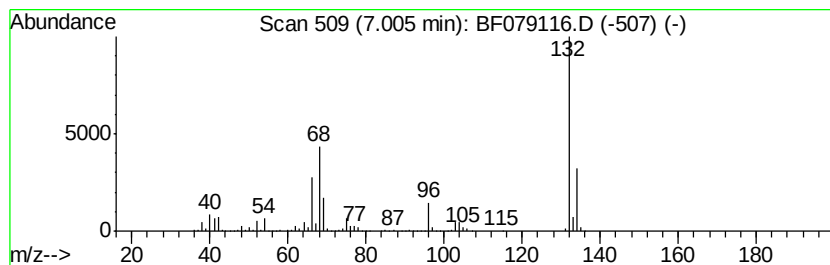
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown7.00 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.00 | 82.33 ng | 1318870 | 1,4-Dichlorobenzene-d4 | 7.30 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 3    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 4    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 9    |
| 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 |
| Butane, 2-methoxy... | 1.75 | 70.5    | ng    | 1129970  | 1                     | 7.30 | 320402 | 20.0 |
| unknown7.00          | 7.00 | 82.3    | ng    | 1318870  | 1                     | 7.30 | 320402 | 20.0 |