

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF050815\  
 Data File : BF079049.D  
 Acq On : 8 May 2015 20:39  
 Operator : TP/IZ  
 Sample : G2151-10  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TU012-TW-02

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         | 1.621       | 35            | 38          | 41           | rVB      | 581619         | 903022        | 12.97%          | 3.311%        |
| 2         | 1.747       | 48            | 49          | 51           | rBV      | 314785         | 383199        | 5.50%           | 1.405%        |
| 3         | 1.804       | 51            | 54          | 57           | rVB      | 786929         | 1190943       | 17.10%          | 4.366%        |
| 4         | 1.872       | 58            | 60          | 108          | rVB      | 3315632        | 6964804       | 100.00%         | 25.534%       |
| 5         | 5.621       | 385           | 388         | 391          | rBV      | 910707         | 895670        | 12.86%          | 3.284%        |
| 6         | 6.879       | 495           | 498         | 500          | rBV      | 708506         | 601905        | 8.64%           | 2.207%        |
| 7         | 7.027       | 509           | 511         | 514          | rBV      | 1385800        | 1631913       | 23.43%          | 5.983%        |
| 8         | 7.324       | 534           | 537         | 539          | rBV      | 407593         | 475273        | 6.82%           | 1.742%        |
| 9         | 7.507       | 551           | 553         | 555          | rBV      | 1822740        | 1630688       | 23.41%          | 5.978%        |
| 10        | 8.010       | 594           | 597         | 600          | rBV      | 1555001        | 1410897       | 20.26%          | 5.172%        |
| 11        | 8.902       | 672           | 675         | 677          | rBV      | 470846         | 649022        | 9.32%           | 2.379%        |
| 12        | 10.239      | 790           | 792         | 795          | rBV      | 2599187        | 2653595       | 38.10%          | 9.728%        |
| 13        | 11.073      | 862           | 865         | 868          | rBV      | 793958         | 739444        | 10.62%          | 2.711%        |
| 14        | 11.622      | 911           | 913         | 916          | rVB      | 182440         | 161653        | 2.32%           | 0.593%        |
| 15        | 12.056      | 948           | 951         | 953          | rBV      | 1527240        | 1649339       | 23.68%          | 6.047%        |
| 16        | 12.914      | 1024          | 1026        | 1029         | rBV      | 612129         | 765456        | 10.99%          | 2.806%        |
| 17        | 14.914      | 1198          | 1201        | 1204         | rBV      | 2928027        | 2992529       | 42.97%          | 10.971%       |
| 18        | 16.205      | 1312          | 1314        | 1317         | rBV      | 722535         | 795405        | 11.42%          | 2.916%        |
| 19        | 17.920      | 1461          | 1464        | 1466         | rBV      | 542891         | 782269        | 11.23%          | 2.868%        |

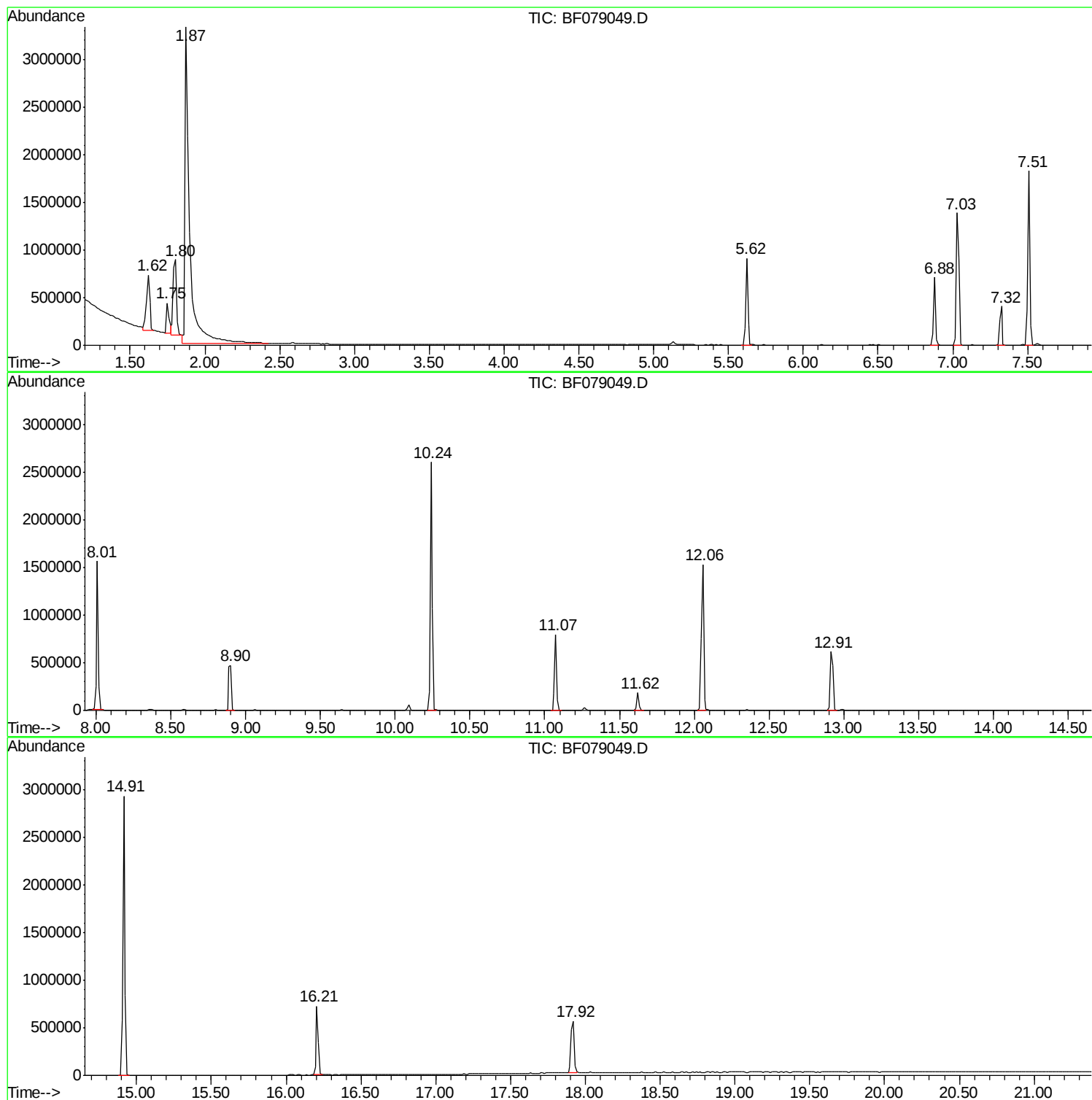
Sum of corrected areas: 27277026

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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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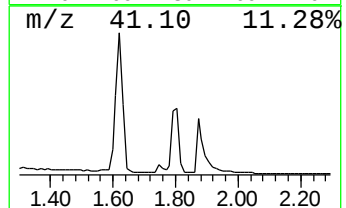
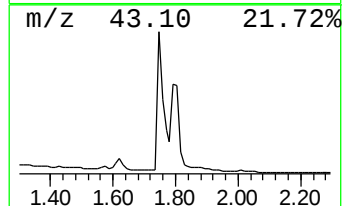
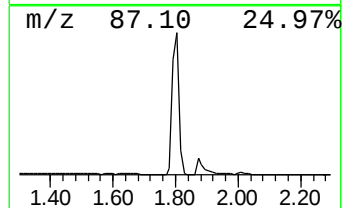
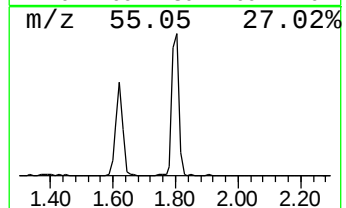
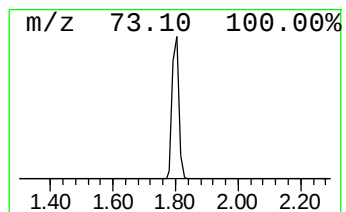
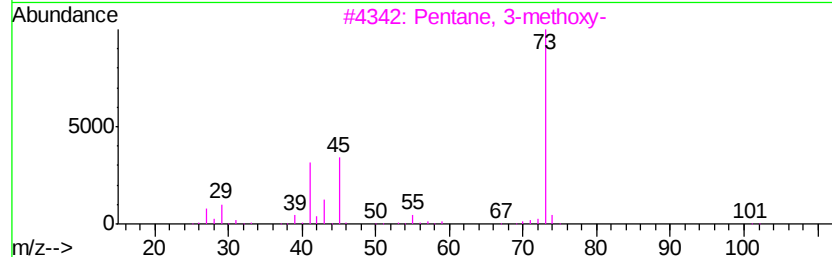
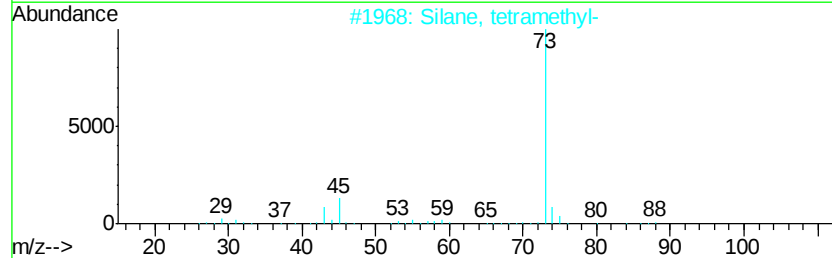
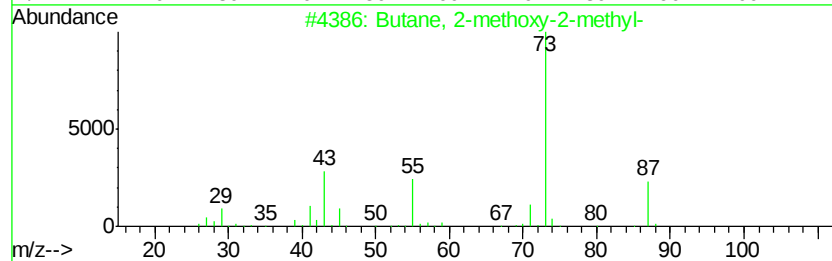
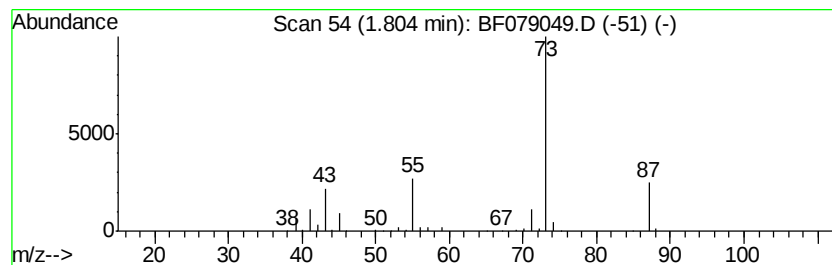
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Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 1.80 | 50.12 ng | 1190940 | 1,4-Dichlorobenzene-d4 | 7.32 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 17   |
| 3    |    | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 4    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |
| 5    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 1.80 | 50.1    | ng    | 1190940  | 1                     | 7.32 | 475273 | 20.0 |