

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF052519\  
 Data File : BF114629.D  
 Acq On : 26 May 2019 4:06  
 Operator : JU/SJ  
 Sample : PB120077BL  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB120077BL

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\_F\METHODS\8270-BF051019.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         | 2.116       | 3             | 5           | 15           | rVB      | 117934         | 150582        | 3.40%           | 0.415%        |
| 2         | 5.434       | 566           | 569         | 603          | rBV      | 3388143        | 3925348       | 88.66%          | 10.824%       |
| 3         | 6.445       | 737           | 741         | 759          | rBV      | 3617627        | 4118909       | 93.03%          | 11.357%       |
| 4         | 6.575       | 759           | 763         | 782          | rVB      | 4314628        | 3957654       | 89.39%          | 10.913%       |
| 5         | 6.798       | 798           | 801         | 813          | rBV      | 1005402        | 945292        | 21.35%          | 2.607%        |
| 6         | 6.957       | 824           | 828         | 846          | rBV      | 3324041        | 3147673       | 71.09%          | 8.679%        |
| 7         | 7.363       | 893           | 897         | 920          | rBV      | 2376653        | 2587008       | 58.43%          | 7.133%        |
| 8         | 8.081       | 1016          | 1019        | 1036         | rBV      | 1154886        | 1193304       | 26.95%          | 3.290%        |
| 9         | 9.157       | 1197          | 1202        | 1205         | rBV      | 4855729        | 4427584       | 100.00%         | 12.209%       |
| 10        | 9.833       | 1314          | 1317        | 1335         | rBV      | 1326891        | 1322396       | 29.87%          | 3.646%        |
| 11        | 10.628      | 1448          | 1452        | 1477         | rBV      | 2573297        | 2594270       | 58.59%          | 7.153%        |
| 12        | 11.322      | 1567          | 1570        | 1589         | rBV      | 1356218        | 1407174       | 31.78%          | 3.880%        |
| 13        | 12.904      | 1835          | 1839        | 1842         | rBV      | 4554402        | 4191958       | 94.68%          | 11.559%       |
| 14        | 13.968      | 2016          | 2020        | 2032         | rBV      | 1155523        | 1210556       | 27.34%          | 3.338%        |
| 15        | 15.427      | 2260          | 2268        | 2285         | rBV      | 711134         | 1086671       | 24.54%          | 2.996%        |

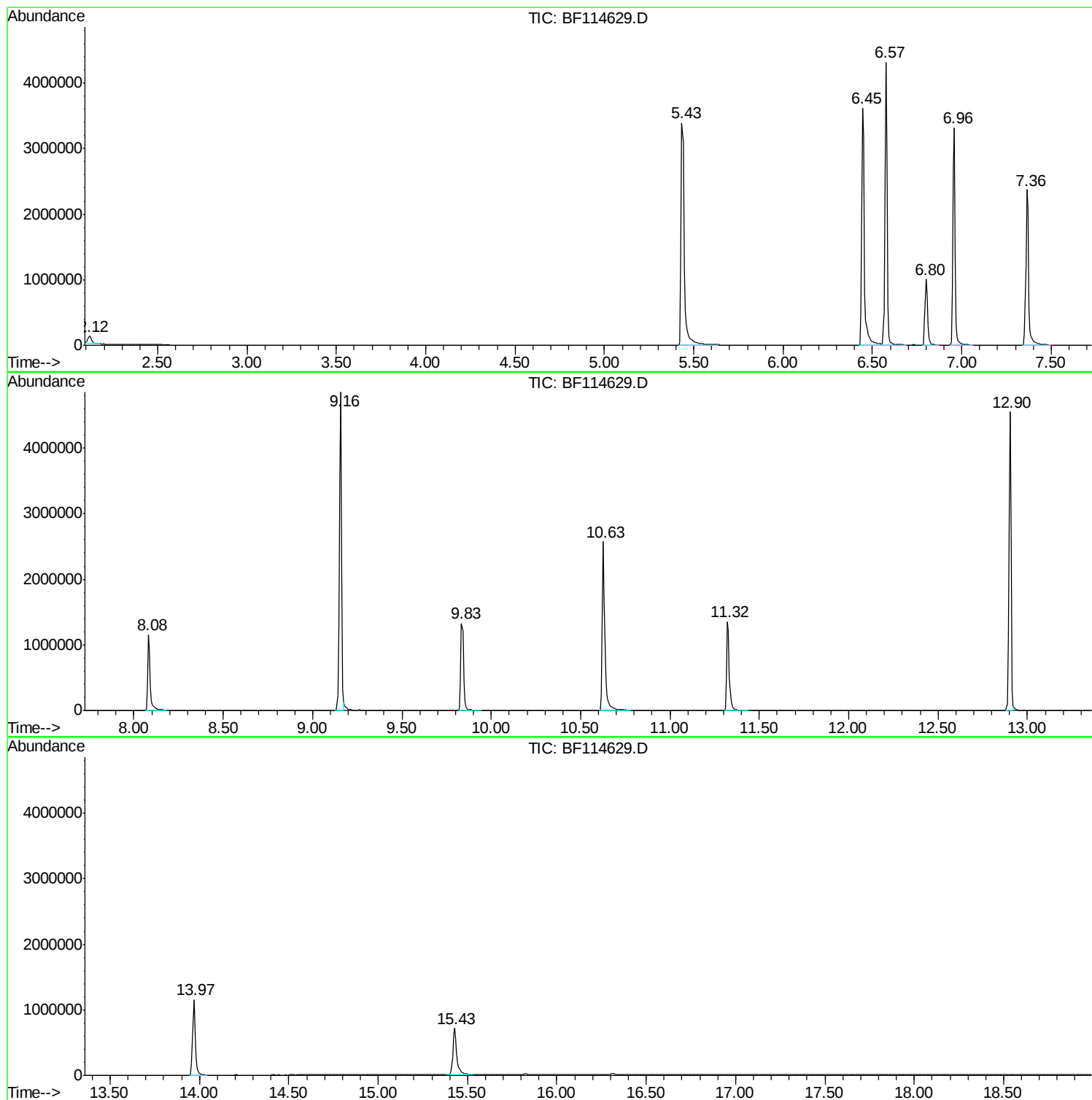
Sum of corrected areas: 36266379

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF051019.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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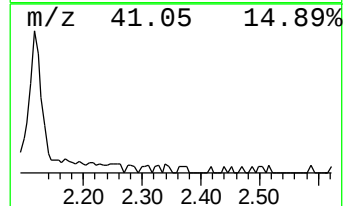
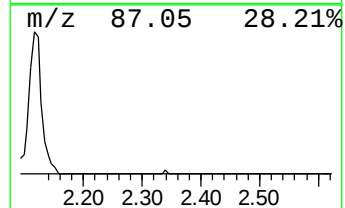
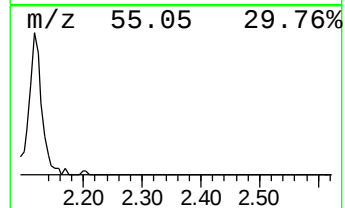
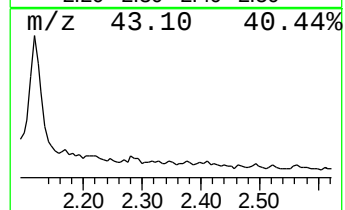
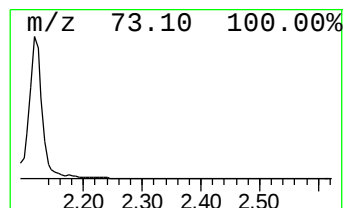
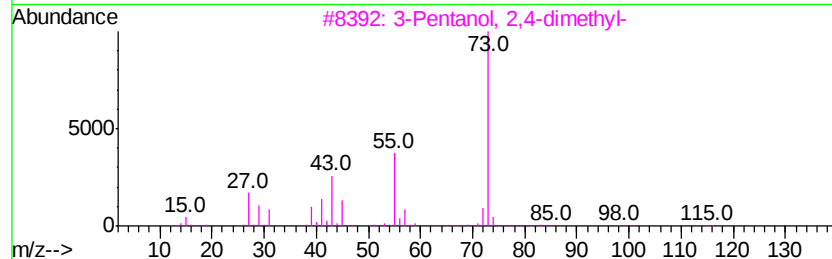
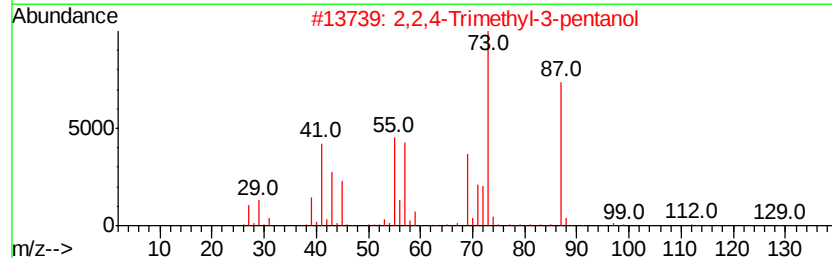
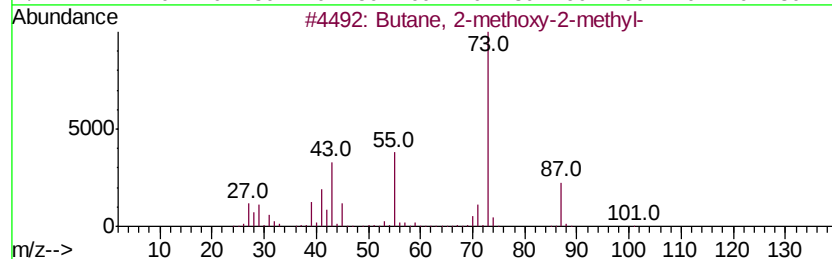
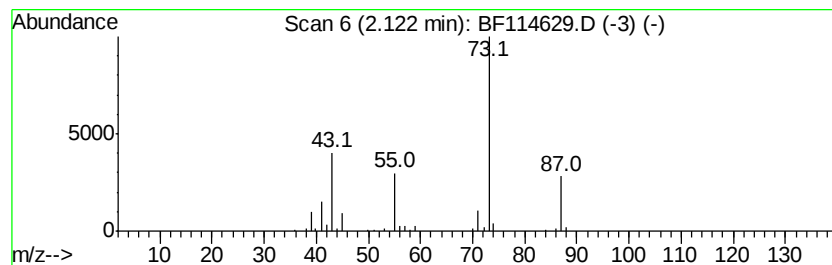
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 2.12 | 3.19 ng | 150582 | 1,4-Dichlorobenzene-d4 | 6.80 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    |   | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 32   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 32   |
| 5    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 17   |



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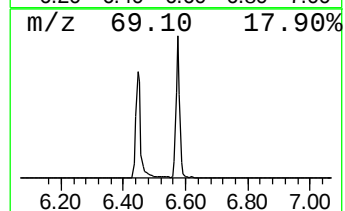
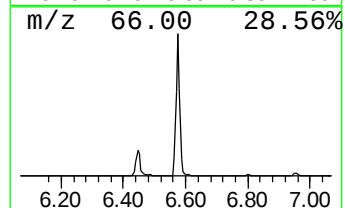
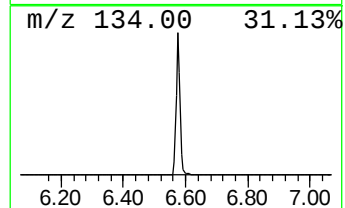
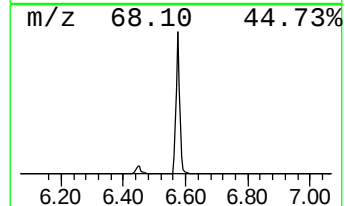
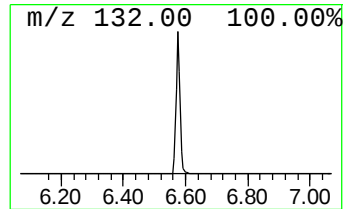
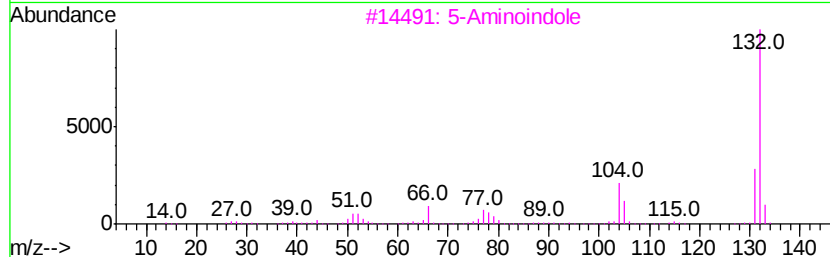
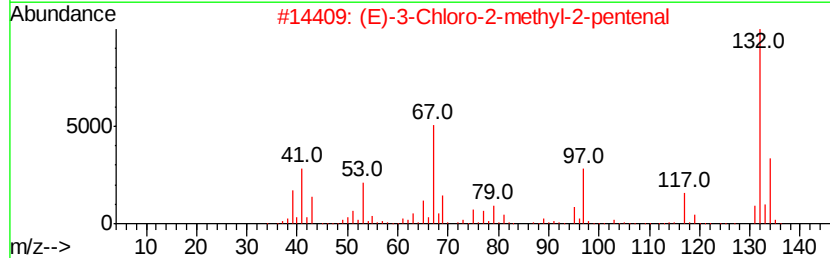
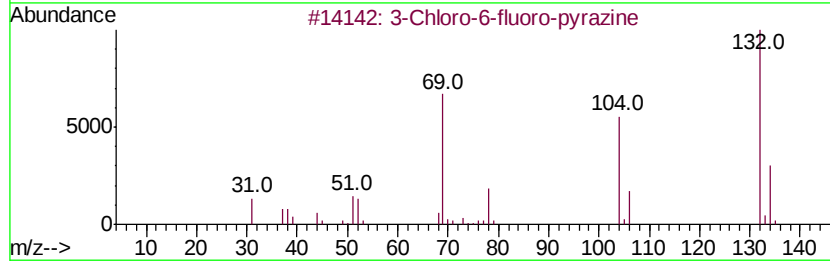
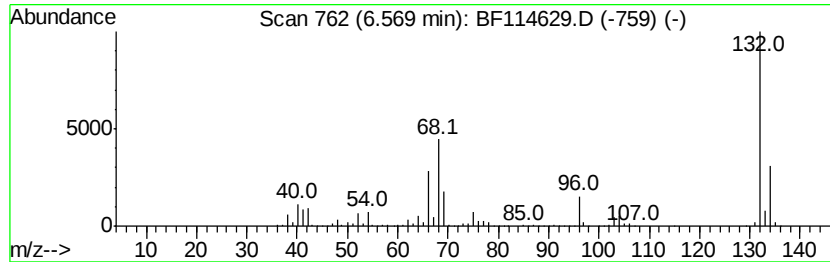
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Peak Number 2 unknown6.57 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.57 | 83.73 ng | 3957650 | 1,4-Dichlorobenzene-d4 | 6.80 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | 1,2,4-Trifluorobenzene           | 132 | C6H3F3    | 000367-23-7  | 9    |
| 5    |    | 1,3,5-Trifluorobenzene           | 132 | C6H3F3    | 000372-38-3  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Butane, 2-methoxy... | 2.12 | 3.2     | ng    | 150582   | 1                     | 6.80 | 945292 | 20.0 |
| unknown6.57          | 6.57 | 83.7    | ng    | 3957650  | 1                     | 6.80 | 945292 | 20.0 |