

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP090819\  
 Data File : BP000106.D  
 Acq On : 08 Sep 2019 22:15  
 Operator : HP/JU  
 Sample : PB122885BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB122885BL

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\_P\METHODS\8270-BP083019.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         | 2.205       | 13            | 20          | 28           | rVB      | 262028         | 349421        | 2.34%           | 0.356%        |
| 2         | 5.516       | 578           | 583         | 586          | rBV      | 9716476        | 8884997       | 59.37%          | 9.040%        |
| 3         | 6.510       | 747           | 752         | 755          | rBV      | 9055046        | 9101860       | 60.82%          | 9.261%        |
| 4         | 6.657       | 773           | 777         | 781          | rBV      | 9689104        | 9512328       | 63.57%          | 9.678%        |
| 5         | 6.893       | 813           | 817         | 820          | rBV      | 2952228        | 2427027       | 16.22%          | 2.469%        |
| 6         | 7.052       | 840           | 844         | 847          | rVB      | 8837667        | 8040911       | 53.73%          | 8.181%        |
| 7         | 7.446       | 906           | 911         | 914          | rBV      | 6850252        | 5640984       | 37.70%          | 5.739%        |
| 8         | 8.169       | 1031          | 1034        | 1038         | rBV      | 3703179        | 3087101       | 20.63%          | 3.141%        |
| 9         | 9.251       | 1214          | 1218        | 1221         | rBV      | 15138211       | 12491438      | 83.47%          | 12.709%       |
| 10        | 9.934       | 1330          | 1334        | 1337         | rBV      | 4817994        | 3735505       | 24.96%          | 3.801%        |
| 11        | 10.722      | 1464          | 1468        | 1472         | rBV      | 7789164        | 7545435       | 50.42%          | 7.677%        |
| 12        | 11.428      | 1585          | 1588        | 1592         | rBV      | 5009204        | 4126272       | 27.57%          | 4.198%        |
| 13        | 13.034      | 1857          | 1861        | 1864         | rBV      | 15455079       | 14964312      | 100.00%         | 15.225%       |
| 14        | 14.098      | 2037          | 2042        | 2045         | rBV      | 4652025        | 4233825       | 28.29%          | 4.308%        |
| 15        | 15.622      | 2294          | 2301        | 2308         | rBV      | 3078963        | 4144074       | 27.69%          | 4.216%        |

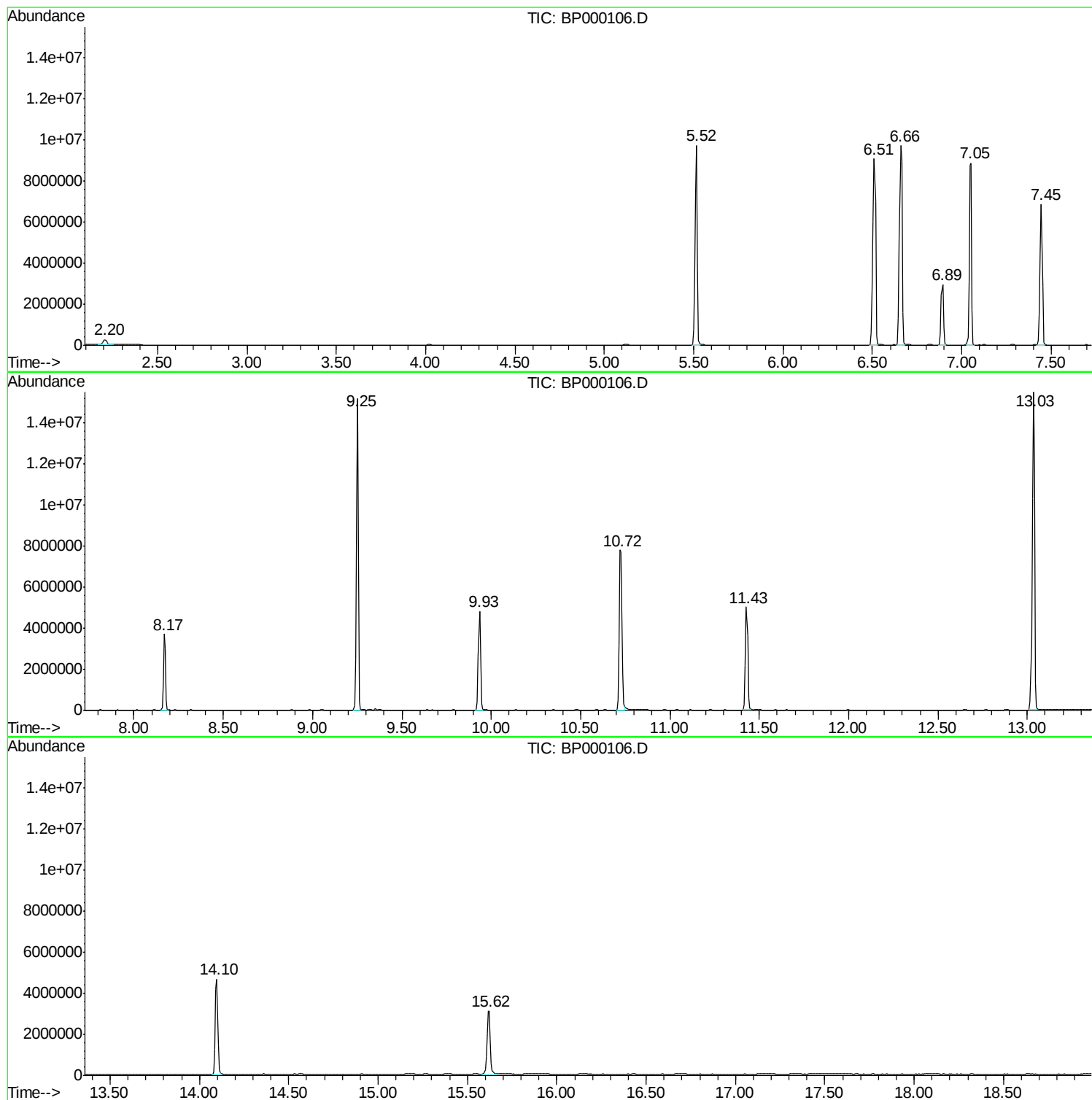
Sum of corrected areas: 98285490

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.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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Instrument :  
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ClientSampleId :  
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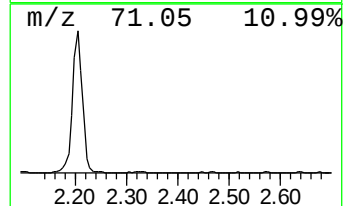
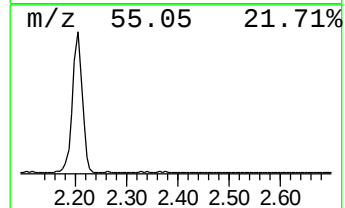
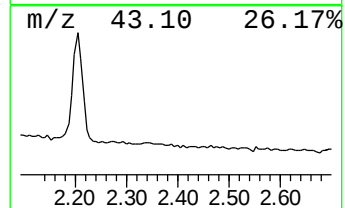
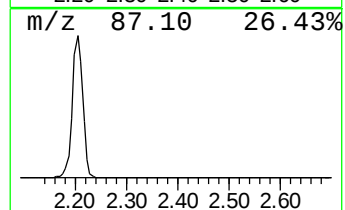
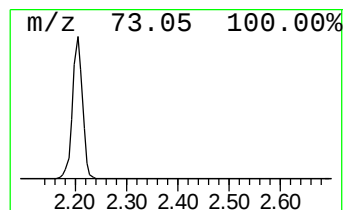
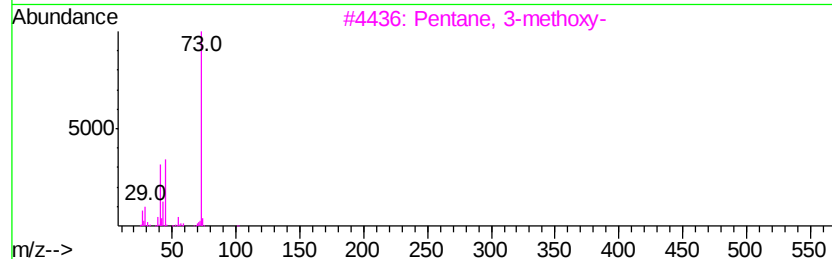
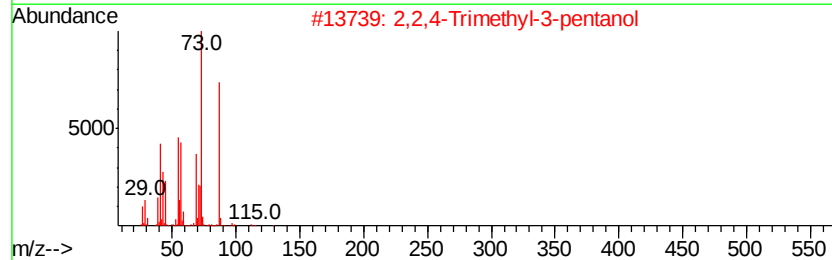
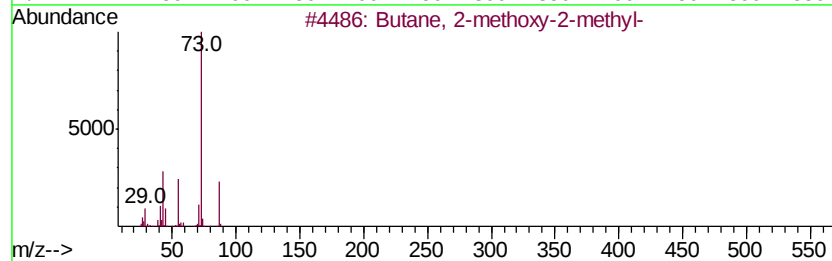
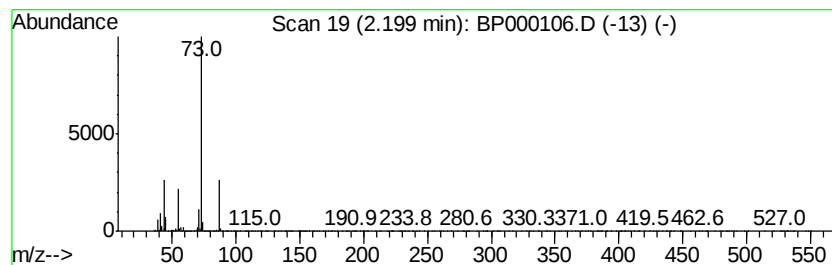
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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. |
|------|---------|--------|------------------------|------|
| 2.20 | 2.88 ng | 349421 | 1,4-Dichlorobenzene-d4 | 6.89 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-         | 102 | C6H14O  | 000994-05-8  | 83   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol          | 130 | C8H18O  | 005162-48-1  | 43   |
| 3    |    |   | Pentane, 3-methoxy-                 | 102 | C6H14O  | 036839-67-5  | 23   |
| 4    |    |   | 1-(2-Methoxyethoxy)-2-methyl-2-p... | 162 | C8H18O3 | 1000364-24-4 | 23   |
| 5    |    |   | N-Ethylformamide                    | 73  | C3H7NO  | 000627-45-2  | 9    |



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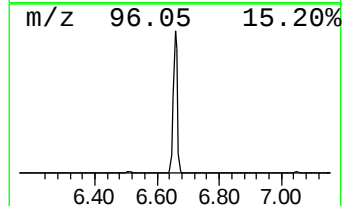
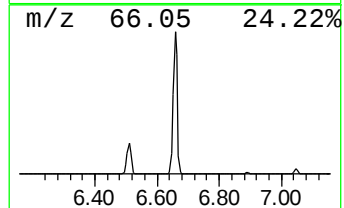
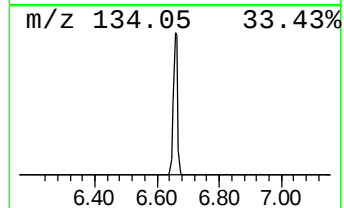
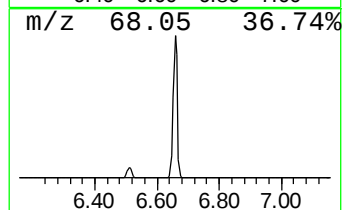
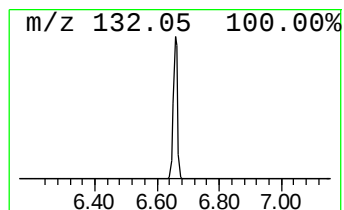
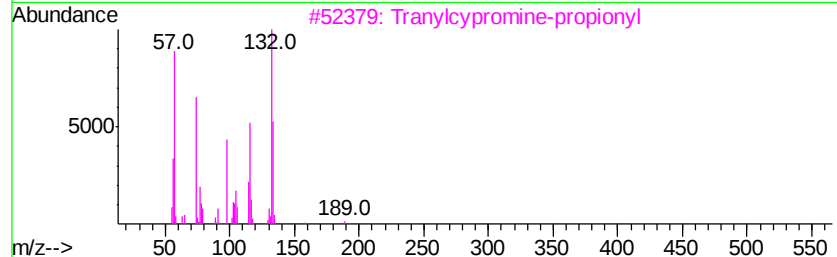
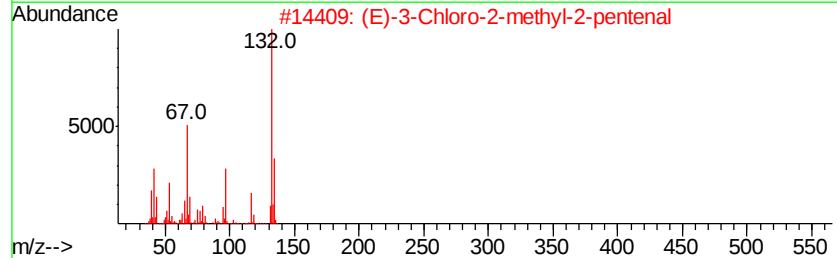
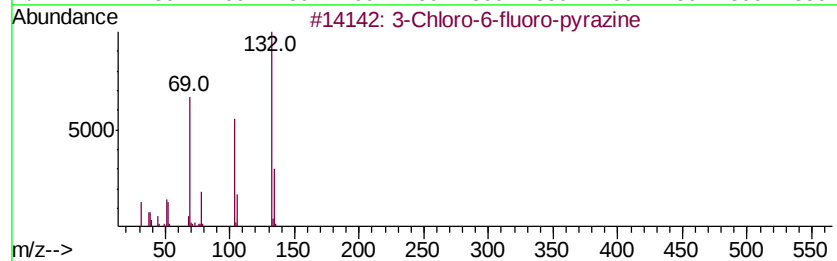
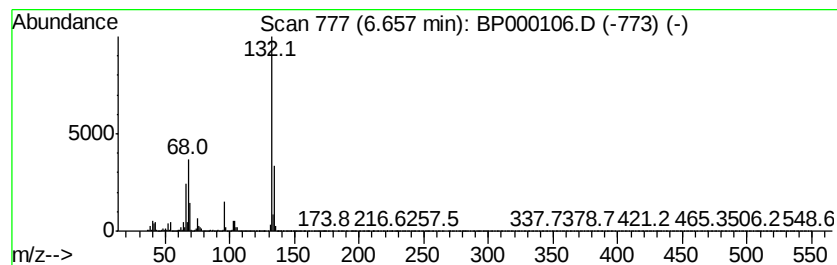
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown6.66 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.66 | 78.39 ng | 9512330 | 1,4-Dichlorobenzene-d4 | 6.89 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 25   |
| 3    |    | Tranvlcypropine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 16   |
| 4    |    | 1-Methylpyrrolo[1,2-a]pyrazine   | 132 | C8H8N2    | 064608-59-9  | 9    |
| 5    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 9    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|----------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                      |      |         |       |          | #                     | RT   | Resp    | Conc |
| Butane, 2-methoxy... | 2.20 | 2.9     | ng    | 349421   | 1                     | 6.89 | 2427030 | 20.0 |
| unknown6.66          | 6.66 | 78.4    | ng    | 9512330  | 1                     | 6.89 | 2427030 | 20.0 |