

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102721\  
 Data File : BF125978.D  
 Acq On : 27 Oct 2021 23:02  
 Operator : JU/CG  
 Sample : M4357-01 2X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-01-102521

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-BF102521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125978.D\data.ms

| 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         | 3.916       | 307           | 311         | 315          | rVB      | 22515          | 31785         | 1.23%           | 0.131%        |
| 2         | 5.063       | 503           | 506         | 511          | rVB      | 68360          | 76076         | 2.96%           | 0.313%        |
| 3         | 5.463       | 570           | 574         | 578          | rBV      | 2773584        | 2574080       | 100.00%         | 10.595%       |
| 4         | 6.475       | 742           | 746         | 749          | rBV      | 2846085        | 2489997       | 96.73%          | 10.249%       |
| 5         | 6.857       | 807           | 811         | 814          | rBV      | 1688473        | 1290725       | 50.14%          | 5.313%        |
| 6         | 7.416       | 896           | 906         | 909          | rBV      | 1982106        | 1626442       | 63.19%          | 6.695%        |
| 7         | 7.498       | 916           | 920         | 925          | rVB5     | 22518          | 37048         | 1.44%           | 0.152%        |
| 8         | 8.039       | 1009          | 1012        | 1017         | rBV      | 282408         | 245752        | 9.55%           | 1.012%        |
| 9         | 8.139       | 1025          | 1029        | 1032         | rBV      | 2114995        | 1666851       | 64.76%          | 6.861%        |
| 10        | 8.433       | 1072          | 1079        | 1082         | rBV6     | 19749          | 30549         | 1.19%           | 0.126%        |
| 11        | 8.569       | 1098          | 1102        | 1104         | rBV      | 31053          | 32791         | 1.27%           | 0.135%        |
| 12        | 8.851       | 1144          | 1150        | 1155         | rVB2     | 23798          | 32596         | 1.27%           | 0.134%        |
| 13        | 9.216       | 1208          | 1212        | 1215         | rBV      | 2998330        | 2538986       | 98.64%          | 10.451%       |
| 14        | 9.298       | 1223          | 1226        | 1231         | rBV2     | 35383          | 42575         | 1.65%           | 0.175%        |
| 15        | 9.475       | 1250          | 1256        | 1260         | rBV6     | 19125          | 33396         | 1.30%           | 0.137%        |
| 16        | 9.622       | 1276          | 1281        | 1283         | rBV4     | 43276          | 56179         | 2.18%           | 0.231%        |
| 17        | 9.892       | 1322          | 1327        | 1330         | rBV      | 2048811        | 1637123       | 63.60%          | 6.739%        |
| 18        | 9.922       | 1330          | 1332        | 1337         | rVB      | 45801          | 45240         | 1.76%           | 0.186%        |
| 19        | 10.092      | 1358          | 1361        | 1364         | rBV2     | 48227          | 41989         | 1.63%           | 0.173%        |
| 20        | 10.439      | 1416          | 1420        | 1425         | rVB2     | 71330          | 75440         | 2.93%           | 0.311%        |
| 21        | 10.674      | 1456          | 1460        | 1463         | rBV      | 1637782        | 1265391       | 49.16%          | 5.209%        |
| 22        | 10.804      | 1479          | 1482        | 1483         | rBV      | 34619          | 34307         | 1.33%           | 0.141%        |
| 23        | 11.280      | 1560          | 1563        | 1568         | rVB3     | 37880          | 48776         | 1.89%           | 0.201%        |
| 24        | 11.374      | 1575          | 1579        | 1581         | rBV      | 1721984        | 1411511       | 54.84%          | 5.810%        |
| 25        | 11.398      | 1581          | 1583        | 1586         | rVV      | 426027         | 312804        | 12.15%          | 1.288%        |
| 26        | 11.451      | 1586          | 1592        | 1595         | rVB      | 113498         | 111039        | 4.31%           | 0.457%        |
| 27        | 11.674      | 1628          | 1630        | 1633         | rBV      | 34391          | 30264         | 1.18%           | 0.125%        |
| 28        | 11.880      | 1662          | 1665        | 1666         | rBV      | 51388          | 43927         | 1.71%           | 0.181%        |
| 29        | 11.904      | 1666          | 1669        | 1673         | rVB      | 169723         | 133372        | 5.18%           | 0.549%        |
| 30        | 11.986      | 1680          | 1683        | 1685         | rBV      | 112935         | 109143        | 4.24%           | 0.449%        |
| 31        | 12.010      | 1685          | 1687        | 1692         | rVB2     | 58165          | 51380         | 2.00%           | 0.211%        |
| 32        | 12.174      | 1712          | 1715        | 1716         | rBV      | 34478          | 31237         | 1.21%           | 0.129%        |
| 33        | 12.304      | 1734          | 1737        | 1739         | rBV4     | 30781          | 37946         | 1.47%           | 0.156%        |
| 34        | 12.427      | 1755          | 1758        | 1760         | rBV      | 78141          | 73189         | 2.84%           | 0.301%        |
| 35        | 12.468      | 1762          | 1765        | 1769         | rVB3     | 49665          | 85384         | 3.32%           | 0.351%        |
| 36        | 12.516      | 1770          | 1773        | 1776         | rBV4     | 30349          | 49493         | 1.92%           | 0.204%        |

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 Sample : M4357-01 2X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CL-01-102521

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-BF102521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 12.586 | 1782 | 1785 | 1788 | rVB  | 536112  | 429001  | 16.67% | 1.766% |
| 38 | 12.692 | 1800 | 1803 | 1804 | rBV3 | 41364   | 34201   | 1.33%  | 0.141% |
| 39 | 12.739 | 1809 | 1811 | 1814 | rBV2 | 35286   | 36533   | 1.42%  | 0.150% |
| 40 | 12.816 | 1818 | 1824 | 1827 | rBV  | 475598  | 499442  | 19.40% | 2.056% |
| 41 | 12.963 | 1845 | 1849 | 1852 | rBV  | 2312627 | 2025404 | 78.68% | 8.337% |
| 42 | 13.145 | 1877 | 1880 | 1884 | rVB  | 110660  | 98281   | 3.82%  | 0.405% |
| 43 | 13.210 | 1888 | 1891 | 1893 | rVB2 | 89439   | 96154   | 3.74%  | 0.396% |
| 44 | 13.245 | 1895 | 1897 | 1900 | rBV2 | 71952   | 74261   | 2.88%  | 0.306% |
| 45 | 13.410 | 1923 | 1925 | 1928 | rVB3 | 83548   | 68567   | 2.66%  | 0.282% |
| 46 | 13.868 | 2001 | 2003 | 2006 | rBV  | 131144  | 141851  | 5.51%  | 0.584% |
| 47 | 14.015 | 2023 | 2028 | 2030 | rBV2 | 1415158 | 1497479 | 58.18% | 6.164% |
| 48 | 14.039 | 2030 | 2032 | 2034 | rVB  | 201442  | 155386  | 6.04%  | 0.640% |
| 49 | 15.480 | 2274 | 2277 | 2281 | rVB  | 623388  | 703287  | 27.32% | 2.895% |

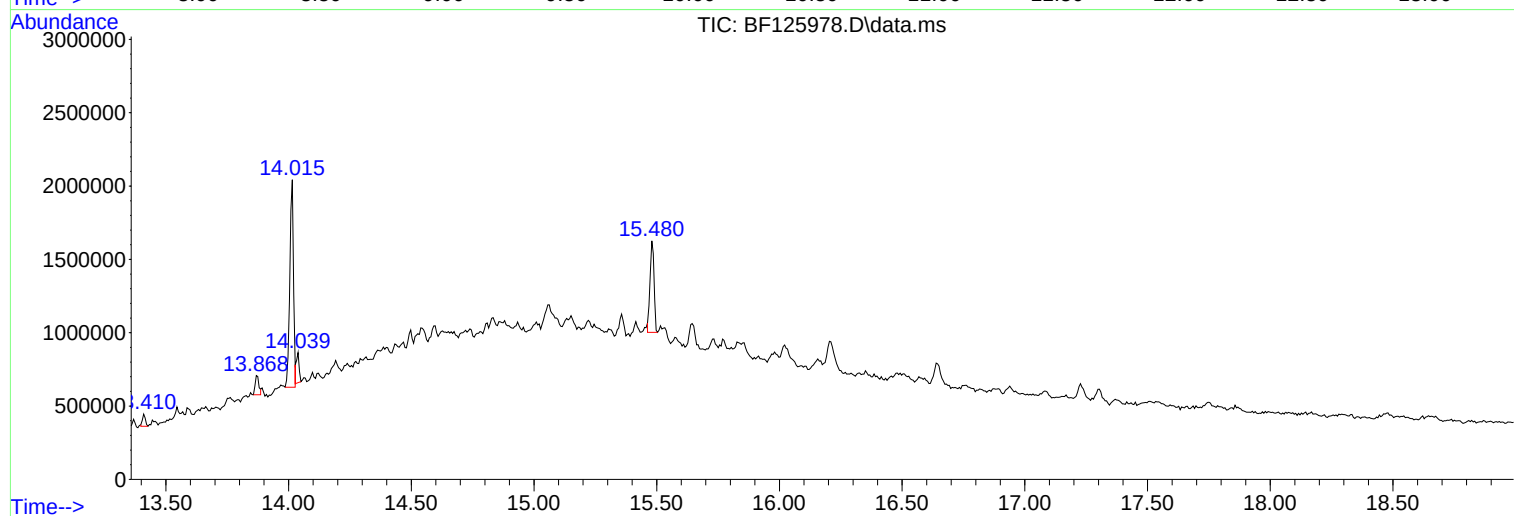
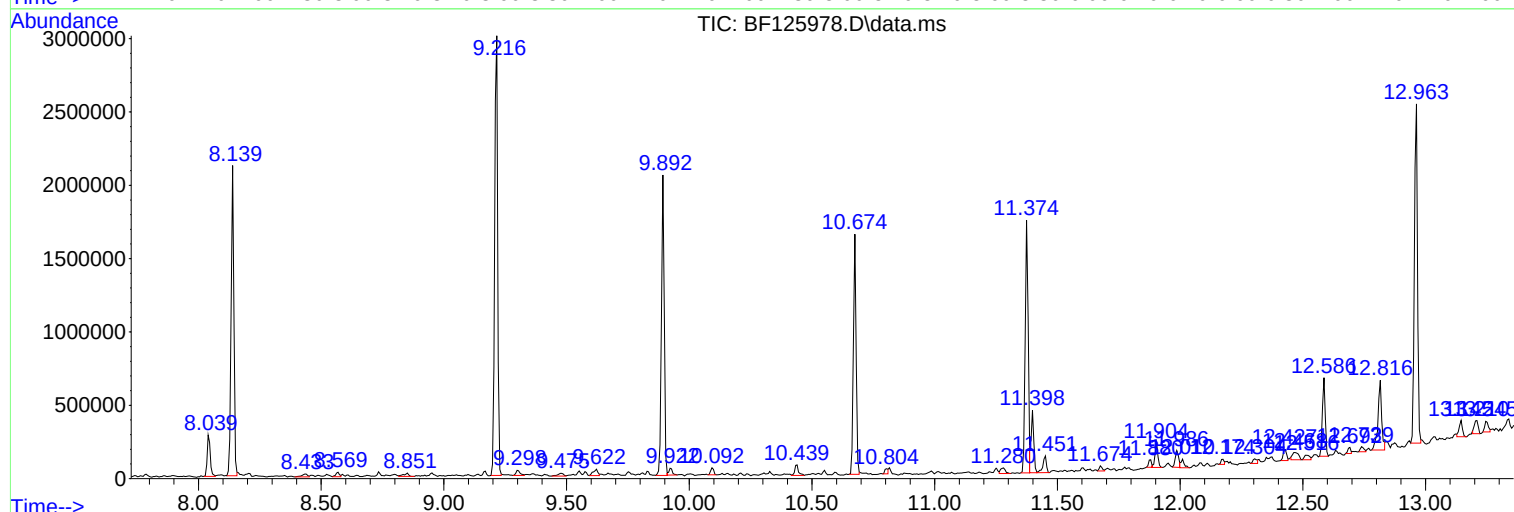
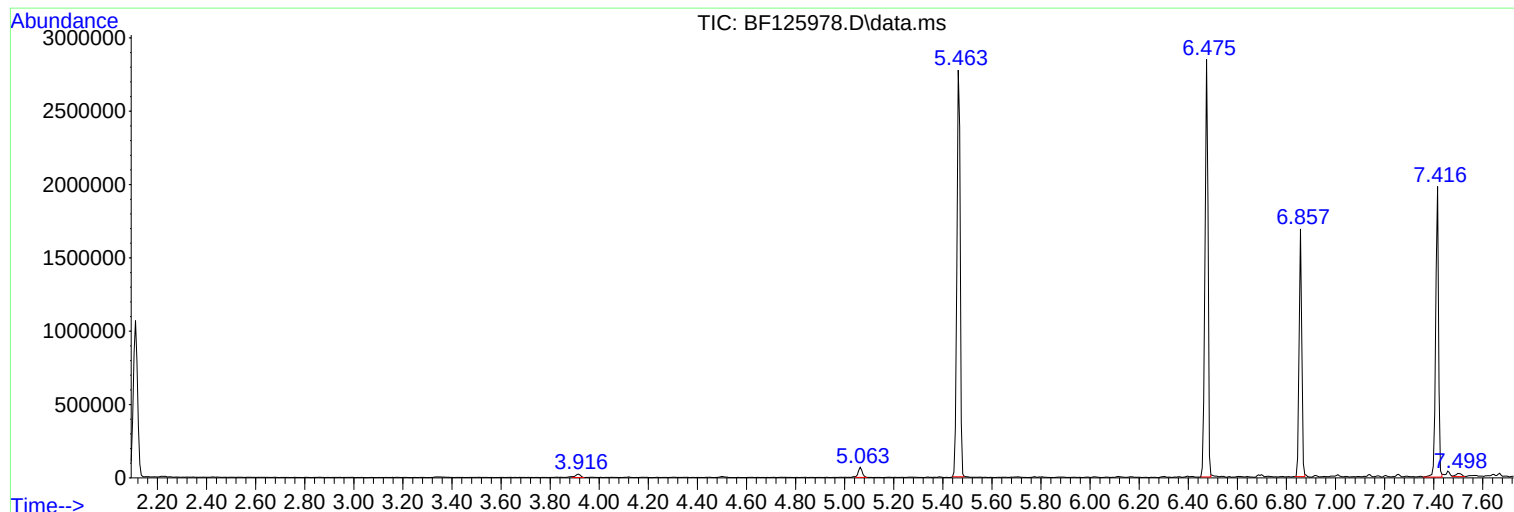
Sum of corrected areas: 24294630

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Sample : M4357-01 2X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CL-01-102521

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF102521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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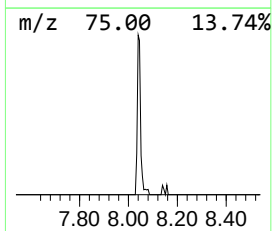
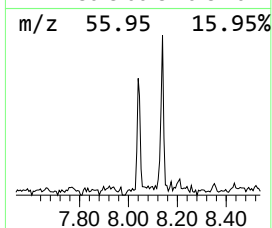
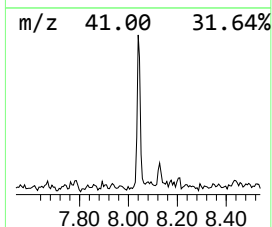
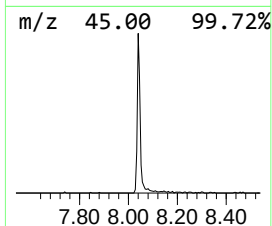
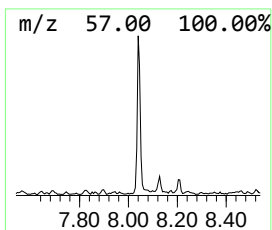
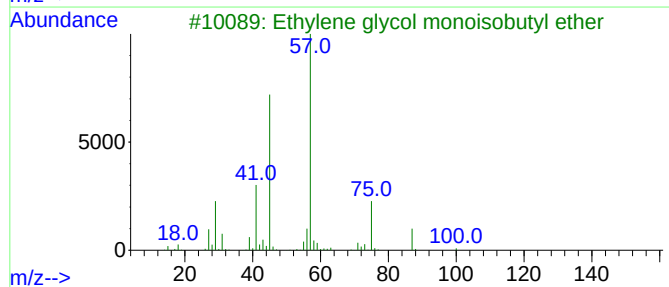
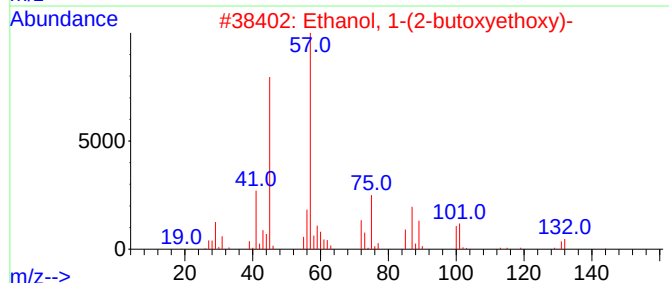
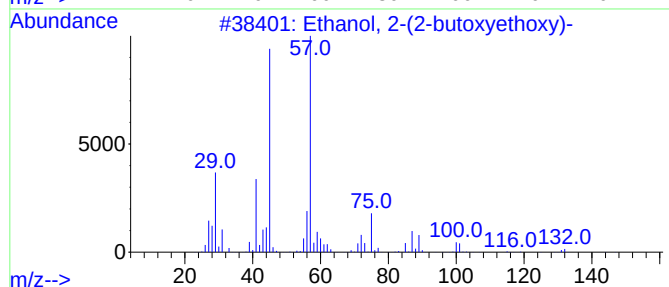
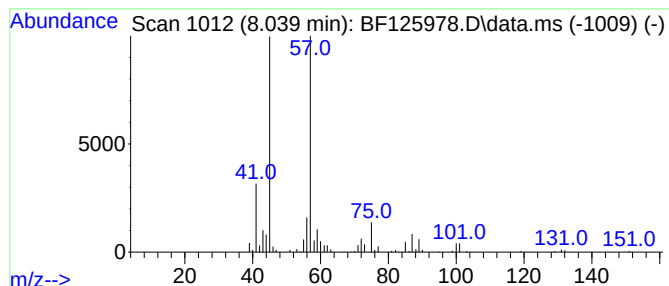
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF102521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.039 | 2.95 ng | 245752 | Naphthalene-d8   | 8.139 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3 | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 1-(2-butoxyethoxy)-        | 162 | C8H18O3 | 054446-78-5 | 83   |
| 3    |    |   | Ethylene glycol monoisobutyl ether  | 118 | C6H14O2 | 004439-24-1 | 64   |
| 4    |    |   | 3,3-Dimethylbutane-2-ol             | 102 | C6H14O  | 000464-07-3 | 53   |
| 5    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 50   |



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ALS Vial : 22 Sample Multiplier: 1

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| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                    |       |         |       |          | #                     | RT    | Resp    | Conc |
| Ethanol, 2-(2-b... | 8.039 | 3.0     | ng    | 245752   | 2                     | 8.139 | 1666850 | 20.0 |