

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE103124\  
 Data File : BE101435.D  
 Acq On : 31 Oct 2024 16:25  
 Operator : RC/JU  
 Sample : P4640-01 5X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 MH-3

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\_E\Methods\8270-BE102824.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BE101435.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         | 2.878       | 45            | 49          | 61           | rVB      | 226623         | 317663        | 9.27%           | 1.425%        |
| 2         | 5.322       | 458           | 465         | 484          | rBV      | 361071         | 665087        | 19.42%          | 2.983%        |
| 3         | 6.950       | 735           | 742         | 762          | rBV      | 334817         | 731434        | 21.35%          | 3.281%        |
| 4         | 7.572       | 840           | 848         | 856          | rBV      | 465094         | 767635        | 22.41%          | 3.443%        |
| 5         | 8.783       | 1046          | 1054        | 1063         | rBV      | 242323         | 450746        | 13.16%          | 2.022%        |
| 6         | 10.340      | 1312          | 1319        | 1330         | rBV      | 729416         | 1305201       | 38.10%          | 5.855%        |
| 7         | 10.692      | 1375          | 1379        | 1386         | rVB2     | 30447          | 50959         | 1.49%           | 0.229%        |
| 8         | 10.898      | 1407          | 1414        | 1419         | rBV8     | 14253          | 37312         | 1.09%           | 0.167%        |
| 9         | 11.192      | 1459          | 1464        | 1469         | rBV      | 61123          | 104616        | 3.05%           | 0.469%        |
| 10        | 11.480      | 1507          | 1513        | 1518         | rBV3     | 35964          | 65941         | 1.92%           | 0.296%        |
| 11        | 11.603      | 1530          | 1534        | 1542         | rVB4     | 21566          | 35738         | 1.04%           | 0.160%        |
| 12        | 11.832      | 1565          | 1573        | 1579         | rVB7     | 25954          | 70206         | 2.05%           | 0.315%        |
| 13        | 11.973      | 1592          | 1597        | 1603         | rVB6     | 24475          | 51116         | 1.49%           | 0.229%        |
| 14        | 12.032      | 1603          | 1607        | 1610         | rBV3     | 17578          | 35774         | 1.04%           | 0.160%        |
| 15        | 12.514      | 1685          | 1689        | 1693         | rBV4     | 30182          | 46898         | 1.37%           | 0.210%        |
| 16        | 12.572      | 1694          | 1699        | 1707         | rVB      | 79598          | 124727        | 3.64%           | 0.559%        |
| 17        | 12.801      | 1731          | 1738        | 1743         | rBV      | 848985         | 1291590       | 37.71%          | 5.794%        |
| 18        | 12.866      | 1744          | 1749        | 1756         | rVB4     | 43814          | 105712        | 3.09%           | 0.474%        |
| 19        | 13.501      | 1853          | 1857        | 1858         | rBV3     | 51098          | 66473         | 1.94%           | 0.298%        |
| 20        | 13.524      | 1858          | 1861        | 1866         | rVB2     | 103081         | 147890        | 4.32%           | 0.663%        |
| 21        | 13.830      | 1908          | 1913        | 1917         | rBV4     | 39067          | 64287         | 1.88%           | 0.288%        |
| 22        | 13.912      | 1924          | 1927        | 1931         | rVB2     | 39990          | 47669         | 1.39%           | 0.214%        |
| 23        | 14.176      | 1966          | 1972        | 1979         | rBV      | 1224463        | 1852734       | 54.09%          | 8.311%        |
| 24        | 14.752      | 2065          | 2070        | 2071         | rBV      | 46245          | 71990         | 2.10%           | 0.323%        |
| 25        | 15.287      | 2157          | 2161        | 2167         | rBV      | 48882          | 74805         | 2.18%           | 0.336%        |
| 26        | 15.545      | 2201          | 2205        | 2211         | rVB      | 173020         | 231834        | 6.77%           | 1.040%        |
| 27        | 15.680      | 2218          | 2228        | 2235         | rBV      | 801989         | 1218193       | 35.56%          | 5.464%        |
| 28        | 15.757      | 2236          | 2241        | 2247         | rVB      | 86893          | 160714        | 4.69%           | 0.721%        |
| 29        | 16.527      | 2369          | 2372        | 2375         | rBV      | 29072          | 36805         | 1.07%           | 0.165%        |
| 30        | 16.568      | 2376          | 2379        | 2384         | rVB2     | 48225          | 69401         | 2.03%           | 0.311%        |
| 31        | 16.914      | 2432          | 2438        | 2442         | rBV      | 1579728        | 2272971       | 66.35%          | 10.196%       |
| 32        | 16.955      | 2442          | 2445        | 2453         | rVB      | 247731         | 343828        | 10.04%          | 1.542%        |
| 33        | 17.044      | 2456          | 2460        | 2464         | rBV      | 58588          | 90036         | 2.63%           | 0.404%        |
| 34        | 18.959      | 2782          | 2786        | 2791         | rBV      | 496571         | 655023        | 19.12%          | 2.938%        |
| 35        | 19.329      | 2845          | 2849        | 2853         | rVB      | 465473         | 602102        | 17.58%          | 2.701%        |
| 36        | 19.505      | 2875          | 2879        | 2885         | rBV      | 1878505        | 2231000       | 65.13%          | 10.008%       |

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Sample : P4640-01 5X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
MH-3

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\_E\Methods\8270-BE102824.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |     |         |         |         |         |
|----|--------|------|------|------|-----|---------|---------|---------|---------|
| 37 | 21.080 | 3142 | 3147 | 3150 | rBV | 1905486 | 2371528 | 69.23%  | 10.638% |
| 38 | 23.371 | 3531 | 3537 | 3547 | rBV | 1551710 | 3425510 | 100.00% | 15.366% |

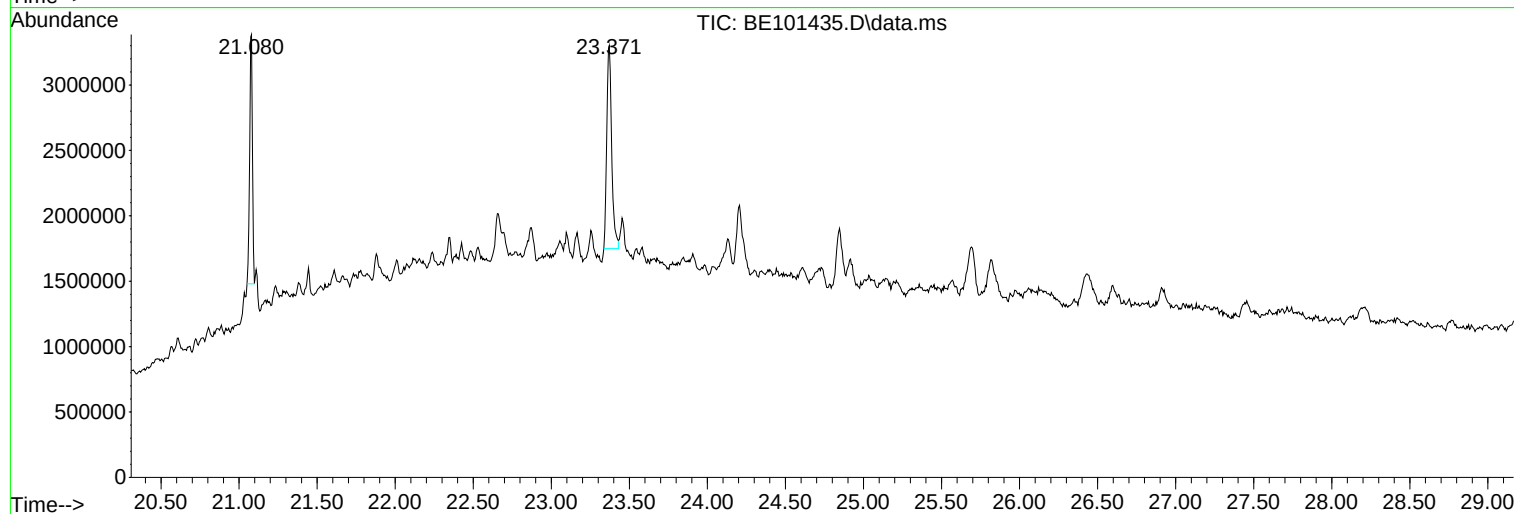
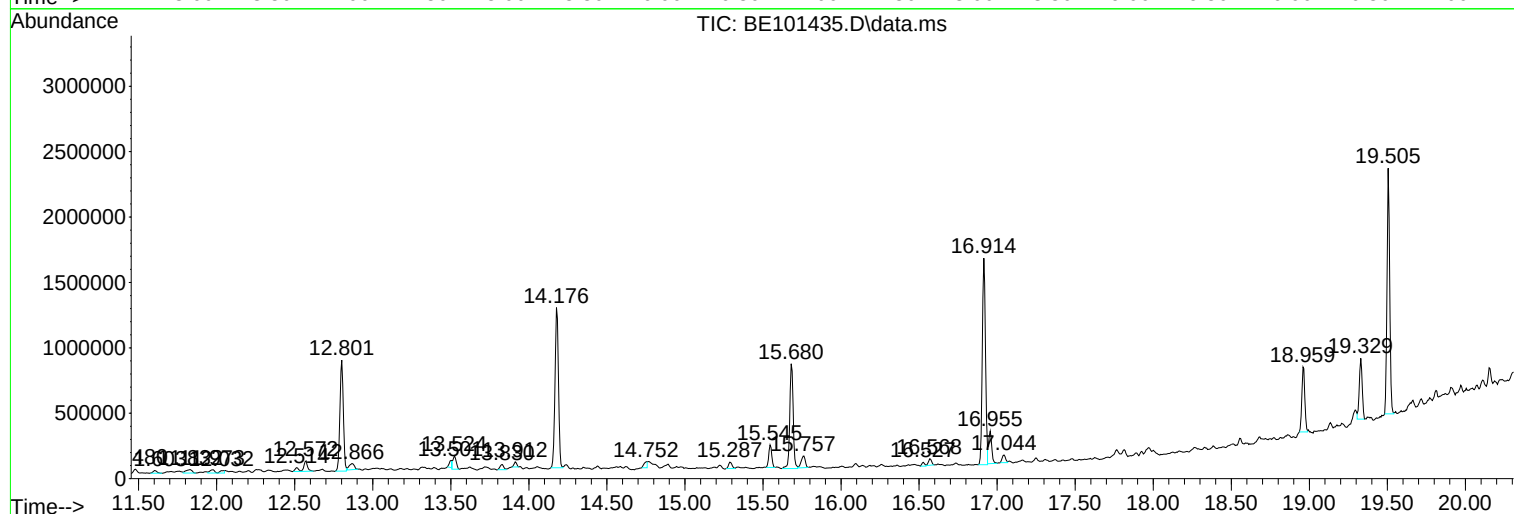
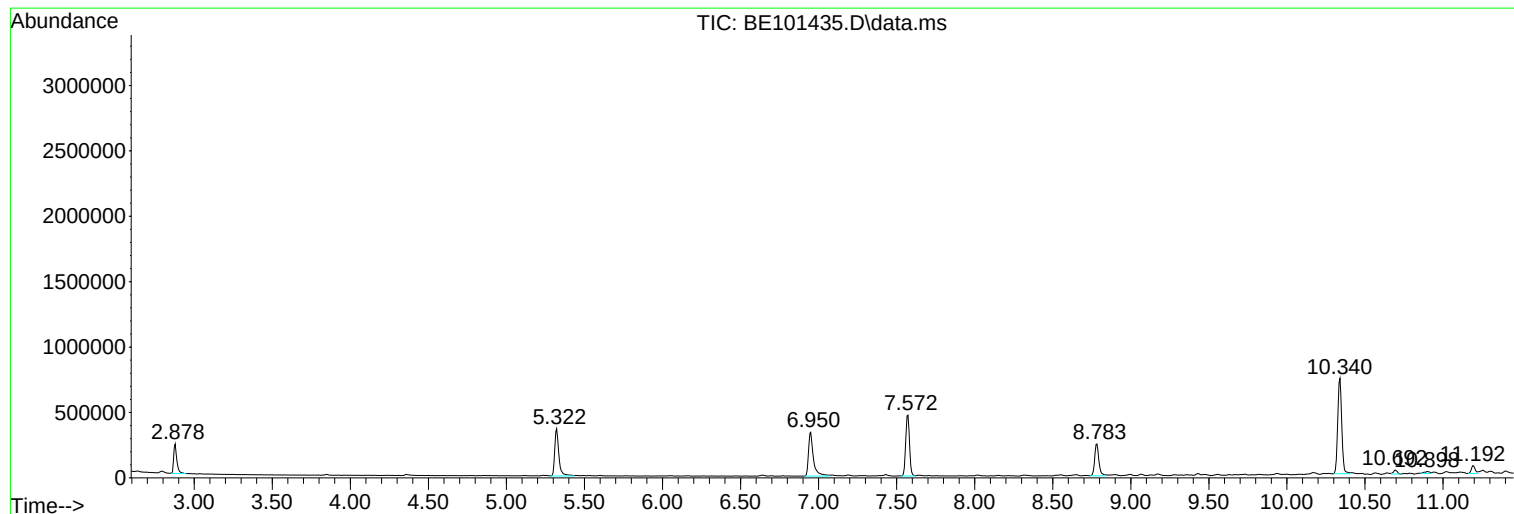
Sum of corrected areas: 22293148

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE102824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE103124\  
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Sample : P4640-01 5X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
MH-3

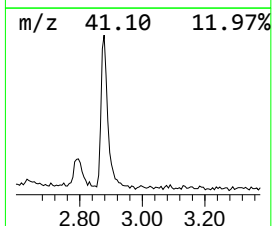
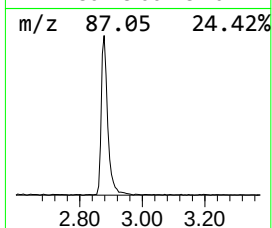
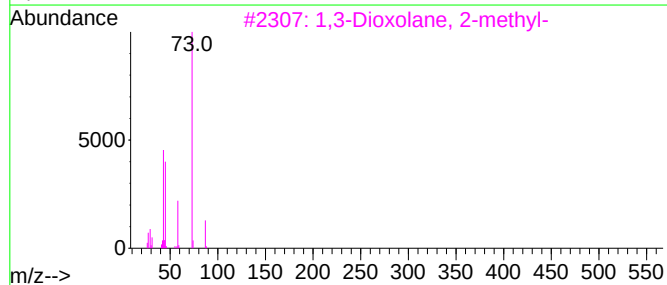
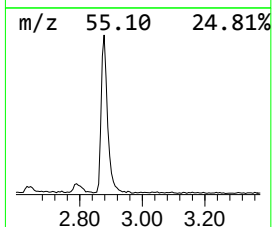
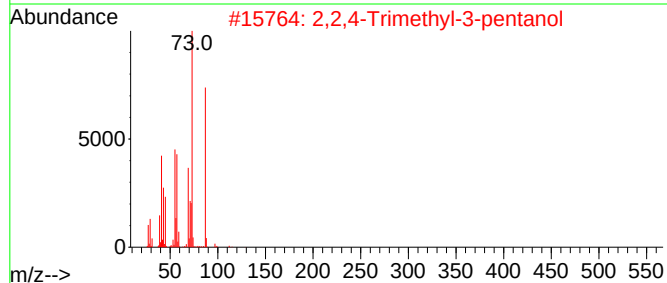
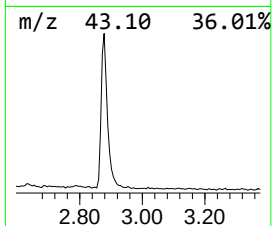
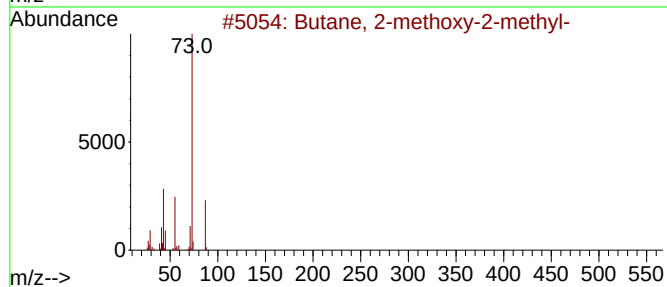
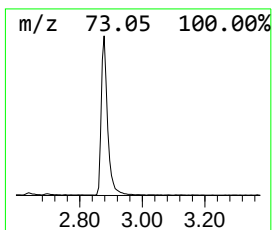
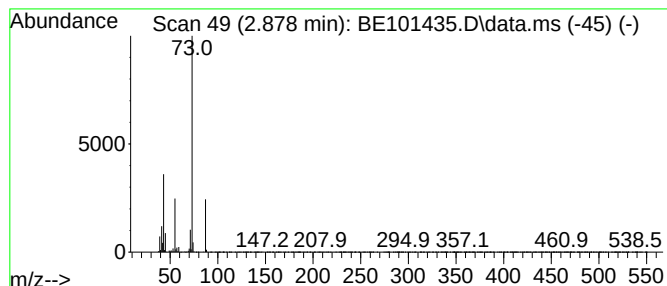
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE102824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 2.878 | 8.28 ng | 317663 | 1,4-Dichlorobenzene-d4 | 7.572 |

| 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 | 40   |
| 3    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 23   |
| 4    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 5    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 12   |



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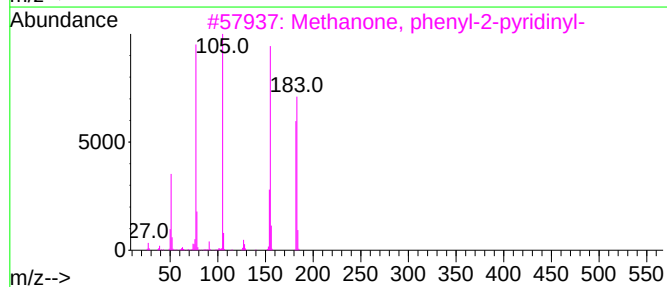
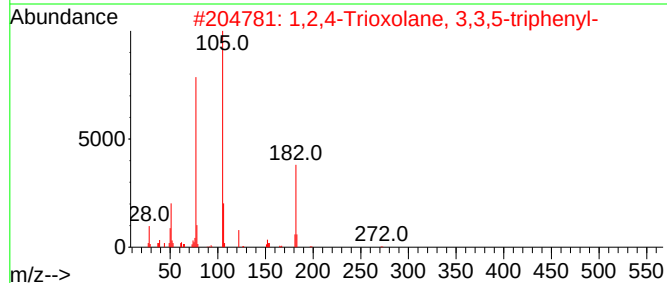
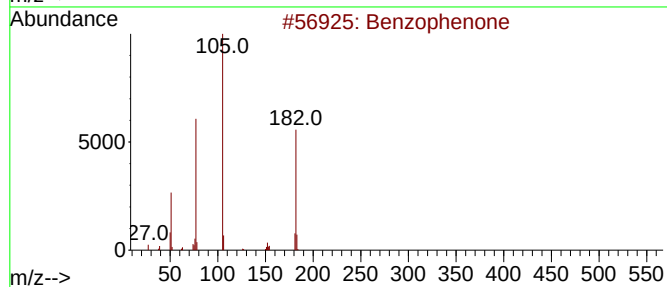
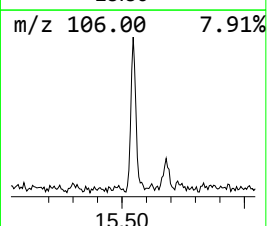
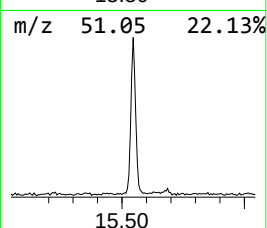
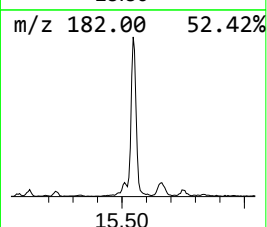
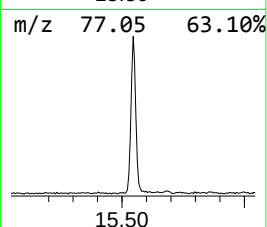
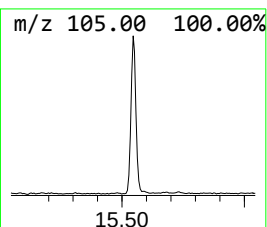
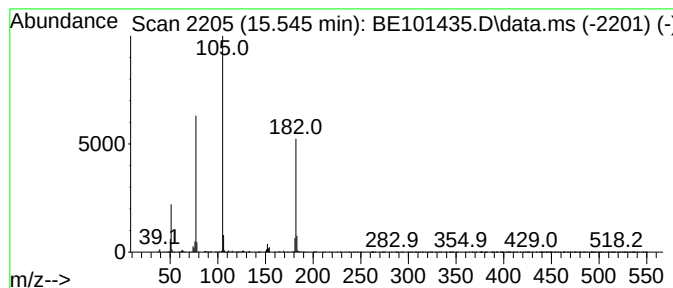
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE102824.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzophenone Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.545 | 2.50 ng | 231834 | Acenaphthene-d10 | 14.176 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | 1,2,4-Trioxolane, 3,3,5-triphenyl-  | 304 | C20H16O3 | 023246-12-0 | 64   |
| 3    |    |   | Methanone, phenyl-2-pyridinyl-      | 183 | C12H9NO  | 000091-02-1 | 50   |
| 4    |    |   | Benzenamine, N-(3-pyridinylmethy... | 182 | C12H10N2 | 029722-97-2 | 45   |
| 5    |    |   | Azobenzene                          | 182 | C12H10N2 | 000103-33-3 | 42   |



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BNA\_E  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE102824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 2.878  | 8.3     | ng    | 317663   | 1                     | 7.572  | 767635  | 20.0 |
| Benzophenone       | 15.545 | 2.5     | ng    | 231834   | 3                     | 14.176 | 1852730 | 20.0 |