

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030620\  
 Data File : BP002091.D  
 Acq On : 06 Mar 2020 11:45  
 Operator : CG/JU  
 Sample : L1780-05DL 20X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0DF9DL

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
 Title : SVOA 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         | 2.922       | 3             | 6           | 10           | rVB      | 51639          | 65576         | 0.43%           | 0.093%        |
| 2         | 4.993       | 350           | 358         | 370          | rBV      | 6069458        | 9461641       | 61.71%          | 13.488%       |
| 3         | 6.340       | 581           | 587         | 590          | rBV3     | 10357          | 21089         | 0.14%           | 0.030%        |
| 4         | 6.828       | 664           | 670         | 673          | rBV2     | 11377          | 19748         | 0.13%           | 0.028%        |
| 5         | 6.981       | 690           | 696         | 705          | rVB2     | 35551          | 64701         | 0.42%           | 0.092%        |
| 6         | 7.175       | 725           | 729         | 736          | rBV2     | 33175          | 68330         | 0.45%           | 0.097%        |
| 7         | 7.528       | 782           | 789         | 799          | rBV      | 1654475        | 2646601       | 17.26%          | 3.773%        |
| 8         | 7.675       | 801           | 814         | 824          | rVV      | 8561019        | 15332417      | 100.00%         | 21.857%       |
| 9         | 7.987       | 859           | 867         | 876          | rBV      | 8292155        | 14250767      | 92.95%          | 20.315%       |
| 10        | 8.352       | 926           | 929         | 935          | rVB2     | 20959          | 35964         | 0.23%           | 0.051%        |
| 11        | 8.822       | 1003          | 1009        | 1019         | rVB      | 883674         | 1460615       | 9.53%           | 2.082%        |
| 12        | 9.116       | 1053          | 1059        | 1065         | rVV2     | 26162          | 55742         | 0.36%           | 0.079%        |
| 13        | 9.446       | 1109          | 1115        | 1121         | rVB3     | 48310          | 89893         | 0.59%           | 0.128%        |
| 14        | 9.504       | 1121          | 1125        | 1129         | rVB2     | 16753          | 23789         | 0.16%           | 0.034%        |
| 15        | 10.046      | 1210          | 1217        | 1224         | rBV2     | 31944          | 76141         | 0.50%           | 0.109%        |
| 16        | 10.281      | 1249          | 1257        | 1268         | rVB      | 3888200        | 6437306       | 41.98%          | 9.177%        |
| 17        | 10.410      | 1272          | 1279        | 1286         | rVV      | 1157892        | 1906785       | 12.44%          | 2.718%        |
| 18        | 10.522      | 1290          | 1298        | 1304         | rBV2     | 26232          | 56765         | 0.37%           | 0.081%        |
| 19        | 10.793      | 1336          | 1344        | 1356         | rVB      | 1344577        | 2287720       | 14.92%          | 3.261%        |
| 20        | 11.004      | 1373          | 1380        | 1390         | rBV      | 212729         | 410851        | 2.68%           | 0.586%        |
| 21        | 11.228      | 1409          | 1418        | 1426         | rVV2     | 27826          | 69343         | 0.45%           | 0.099%        |
| 22        | 12.463      | 1621          | 1628        | 1635         | rVV2     | 76997          | 145395        | 0.95%           | 0.207%        |
| 23        | 13.069      | 1726          | 1731        | 1738         | rBV2     | 175715         | 288316        | 1.88%           | 0.411%        |
| 24        | 13.692      | 1830          | 1837        | 1843         | rBV2     | 71724          | 119865        | 0.78%           | 0.171%        |
| 25        | 13.963      | 1877          | 1883        | 1892         | rBV      | 91286          | 152157        | 0.99%           | 0.217%        |
| 26        | 14.275      | 1929          | 1936        | 1945         | rBV      | 1768317        | 2705848       | 17.65%          | 3.857%        |
| 27        | 15.275      | 2101          | 2106        | 2114         | rVB2     | 135721         | 221208        | 1.44%           | 0.315%        |
| 28        | 17.028      | 2397          | 2404        | 2415         | rBV      | 2217567        | 3265194       | 21.30%          | 4.655%        |
| 29        | 17.128      | 2415          | 2421        | 2431         | rVB      | 141789         | 232062        | 1.51%           | 0.331%        |
| 30        | 19.375      | 2797          | 2803        | 2809         | rBV      | 188604         | 276609        | 1.80%           | 0.394%        |
| 31        | 21.121      | 3095          | 3100        | 3109         | rBV      | 2979916        | 3732303       | 24.34%          | 5.321%        |
| 32        | 23.192      | 3447          | 3452        | 3459         | rBV      | 123720         | 207667        | 1.35%           | 0.296%        |
| 33        | 23.327      | 3468          | 3475        | 3491         | rVB2     | 2000002        | 3960810       | 25.83%          | 5.646%        |

## LSC Area Percent Report

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Integration Parameters: LSCINT.P  
Integrator: RTE  
Smoothing : OFF Filtering: 5  
Sampling : 1 Min Area: 0.1 % 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\SOM-EPA-BP022720MA.M  
Title : SVOA CALIBRATION

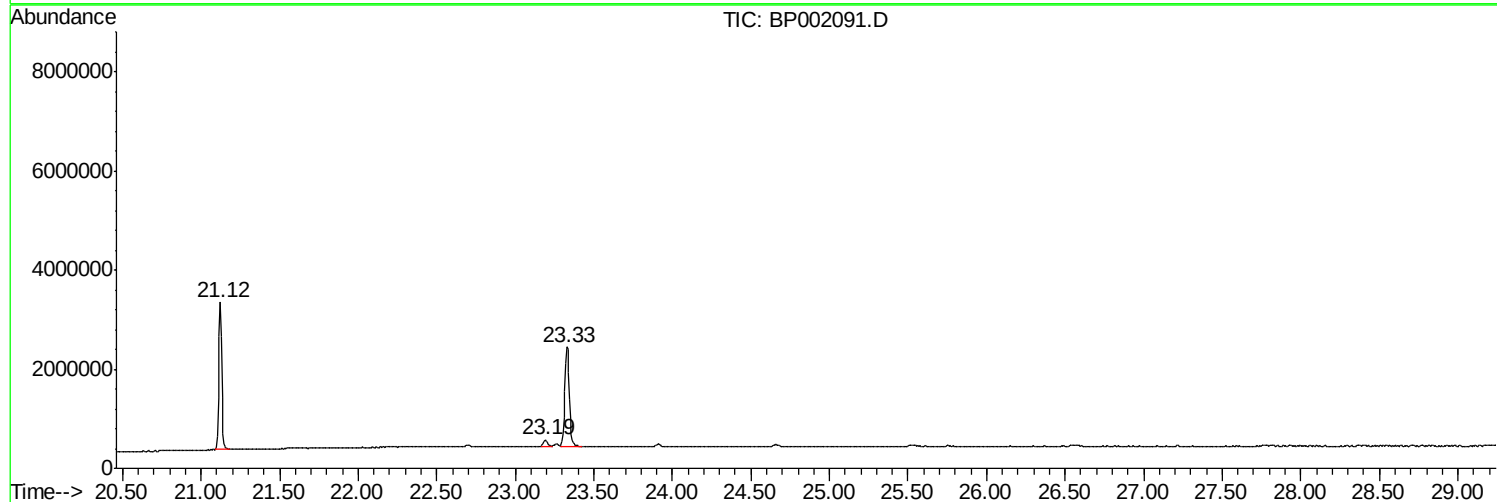
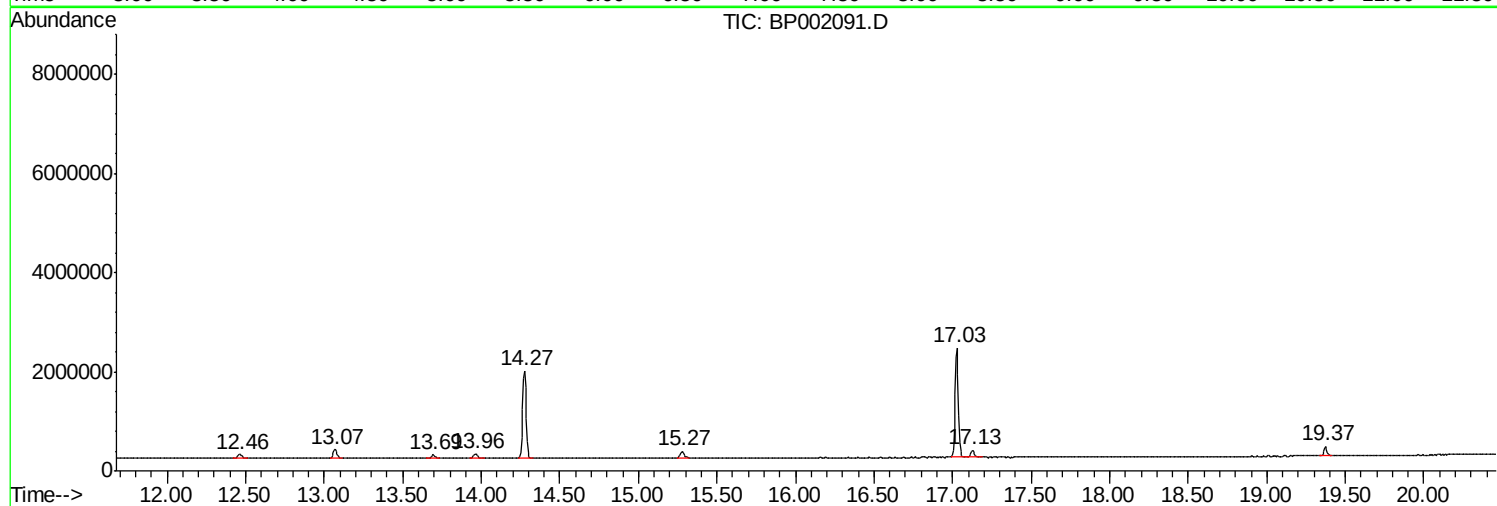
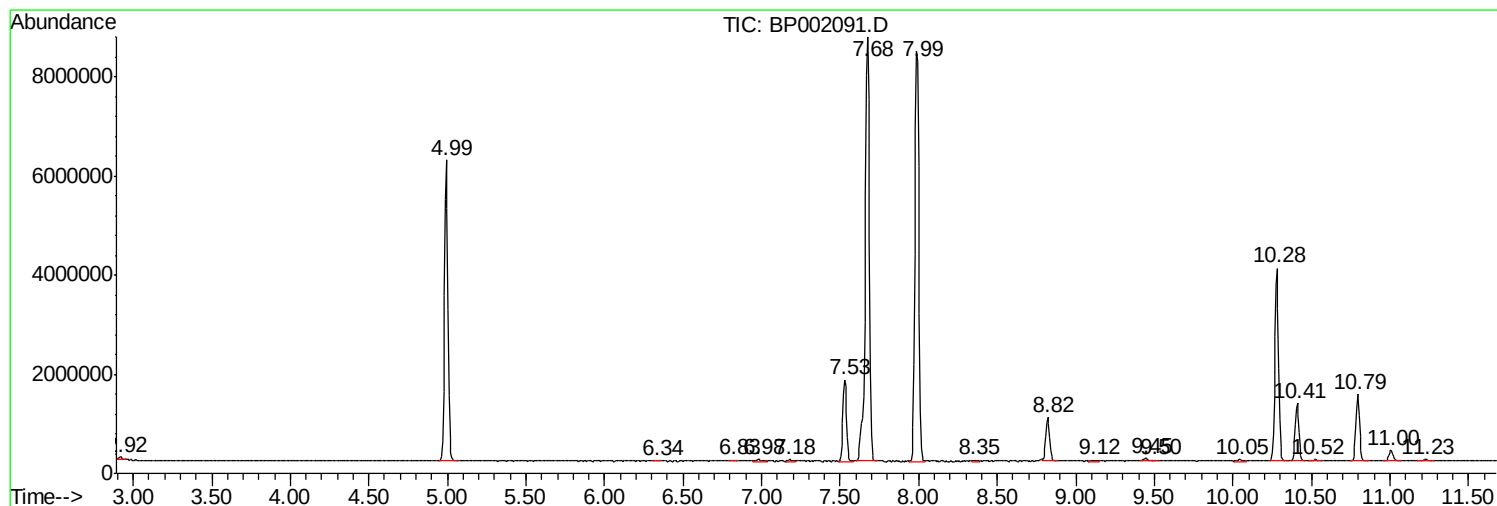
Sum of corrected areas: 70149218

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP022720MA.M  
Quant Title : SVOA CALIBRATION

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



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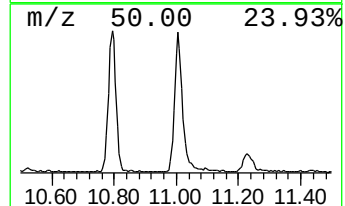
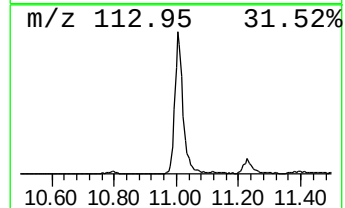
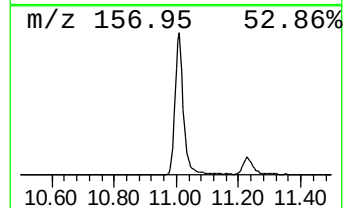
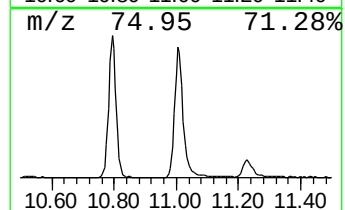
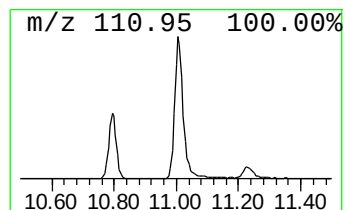
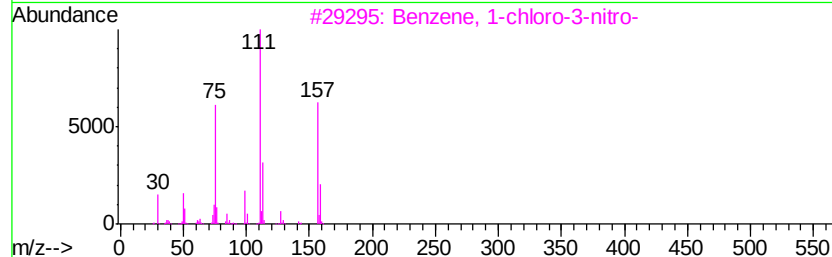
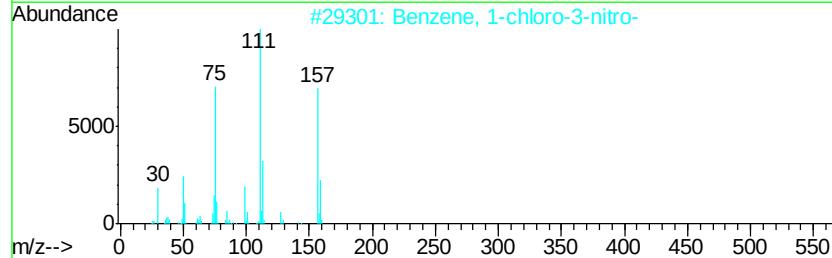
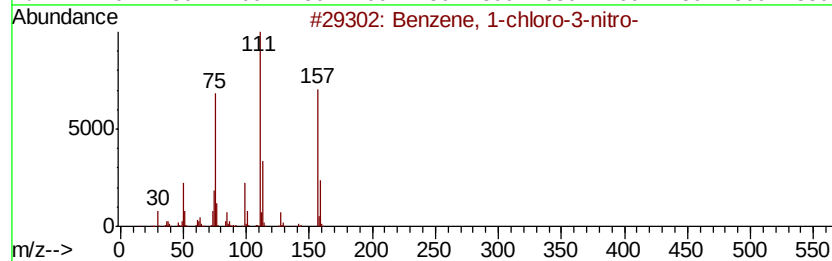
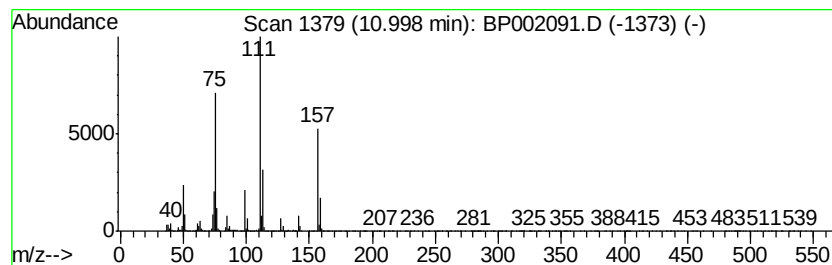
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Benzene, 1-chloro-3-nitro- Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.00 | 4.31 ng/ul | 410851 | Naphthalene-d8   | 10.41 |

| Hit# | of | Tentative ID               | MW  | MolForm   | CAS#        | Qual |
|------|----|----------------------------|-----|-----------|-------------|------|
| 1    | 5  | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 98   |
| 2    |    | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 97   |
| 3    |    | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 96   |
| 4    |    | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 91   |
| 5    |    | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 90   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | ---Internal Standard--- |       |         |      |
|----------------------|-------|---------|-------|----------|-------------------------|-------|---------|------|
|                      |       |         |       |          | #                       | RT    | Resp    | Conc |
| -----                |       |         |       |          |                         |       |         |      |
| Benzene, 1-chloro... | 11.00 | 4.3     | ng/ul | 410851   | 2                       | 10.41 | 1906790 | 20.0 |