

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\  
 Data File : BM016862.D  
 Acq On : 22 Sep 2018 10:23  
 Operator : SJ/JU  
 Sample : J5013-02DL 5X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C08R6DL

## 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\_M\METHODS\SOM-EPA-BM091018MA.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         | 3.016       | 3             | 5           | 15           | rVB      | 478330         | 511552        | 0.38%           | 0.146%        |
| 2         | 5.081       | 348           | 356         | 367          | rBV      | 23915545       | 35736659      | 26.22%          | 10.195%       |
| 3         | 7.063       | 686           | 693         | 700          | rVB      | 170598         | 266088        | 0.20%           | 0.076%        |
| 4         | 7.251       | 720           | 725         | 733          | rVB      | 168884         | 262007        | 0.19%           | 0.075%        |
| 5         | 7.610       | 778           | 786         | 795          | rVB      | 4855133        | 7802683       | 5.72%           | 2.226%        |
| 6         | 7.775       | 798           | 814         | 819          | rBV2     | 43711682       | 85982488      | 63.08%          | 24.530%       |
| 7         | 8.104       | 856           | 870         | 875          | rBV2     | 50888329       | 136316637     | 100.00%         | 38.890%       |
| 8         | 8.416       | 918           | 923         | 934          | rVB      | 126403         | 203839        | 0.15%           | 0.058%        |
| 9         | 8.869       | 993           | 1000        | 1003         | rBV      | 201444         | 343174        | 0.25%           | 0.098%        |
| 10        | 8.910       | 1003          | 1007        | 1016         | rVB      | 464431         | 737105        | 0.54%           | 0.210%        |
| 11        | 9.198       | 1051          | 1056        | 1062         | rBV      | 96080          | 155257        | 0.11%           | 0.044%        |
| 12        | 9.586       | 1116          | 1122        | 1128         | rBV      | 134752         | 219783        | 0.16%           | 0.063%        |
| 13        | 10.116      | 1206          | 1212        | 1219         | rBV      | 227339         | 363949        | 0.27%           | 0.104%        |
| 14        | 10.375      | 1245          | 1256        | 1263         | rBV      | 25301661       | 43965887      | 32.25%          | 12.543%       |
| 15        | 10.498      | 1270          | 1277        | 1284         | rBV      | 1085055        | 1740710       | 1.28%           | 0.497%        |
| 16        | 10.880      | 1334          | 1342        | 1354         | rVB      | 7139473        | 11709301      | 8.59%           | 3.341%        |
| 17        | 11.092      | 1372          | 1378        | 1385         | rVB      | 334600         | 543468        | 0.40%           | 0.155%        |
| 18        | 11.310      | 1407          | 1415        | 1422         | rBV      | 85609          | 146751        | 0.11%           | 0.042%        |
| 19        | 12.533      | 1608          | 1623        | 1630         | rBV      | 805123         | 1397958       | 1.03%           | 0.399%        |
| 20        | 13.145      | 1720          | 1727        | 1735         | rBV      | 3735188        | 5521011       | 4.05%           | 1.575%        |
| 21        | 13.769      | 1823          | 1833        | 1839         | rBV      | 438782         | 629950        | 0.46%           | 0.180%        |
| 22        | 14.045      | 1871          | 1880        | 1888         | rBV      | 471067         | 678232        | 0.50%           | 0.193%        |
| 23        | 14.357      | 1926          | 1933        | 1941         | rBV2     | 1420725        | 2133964       | 1.57%           | 0.609%        |
| 24        | 14.668      | 1982          | 1986        | 1993         | rVB      | 96756          | 139655        | 0.10%           | 0.040%        |
| 25        | 15.351      | 2096          | 2102        | 2112         | rVB      | 670496         | 949156        | 0.70%           | 0.271%        |
| 26        | 17.104      | 2393          | 2400        | 2407         | rBV      | 1839181        | 2483647       | 1.82%           | 0.709%        |
| 27        | 17.198      | 2411          | 2416        | 2427         | rBV      | 675789         | 975781        | 0.72%           | 0.278%        |
| 28        | 19.498      | 2801          | 2807        | 2814         | rBV      | 845111         | 1154668       | 0.85%           | 0.329%        |
| 29        | 21.292      | 3106          | 3112        | 3120         | rBV      | 2439815        | 3151888       | 2.31%           | 0.899%        |
| 30        | 23.380      | 3462          | 3467        | 3474         | rBV      | 674366         | 1105170       | 0.81%           | 0.315%        |
| 31        | 23.521      | 3485          | 3491        | 3501         | rVB2     | 1748899        | 3186320       | 2.34%           | 0.909%        |

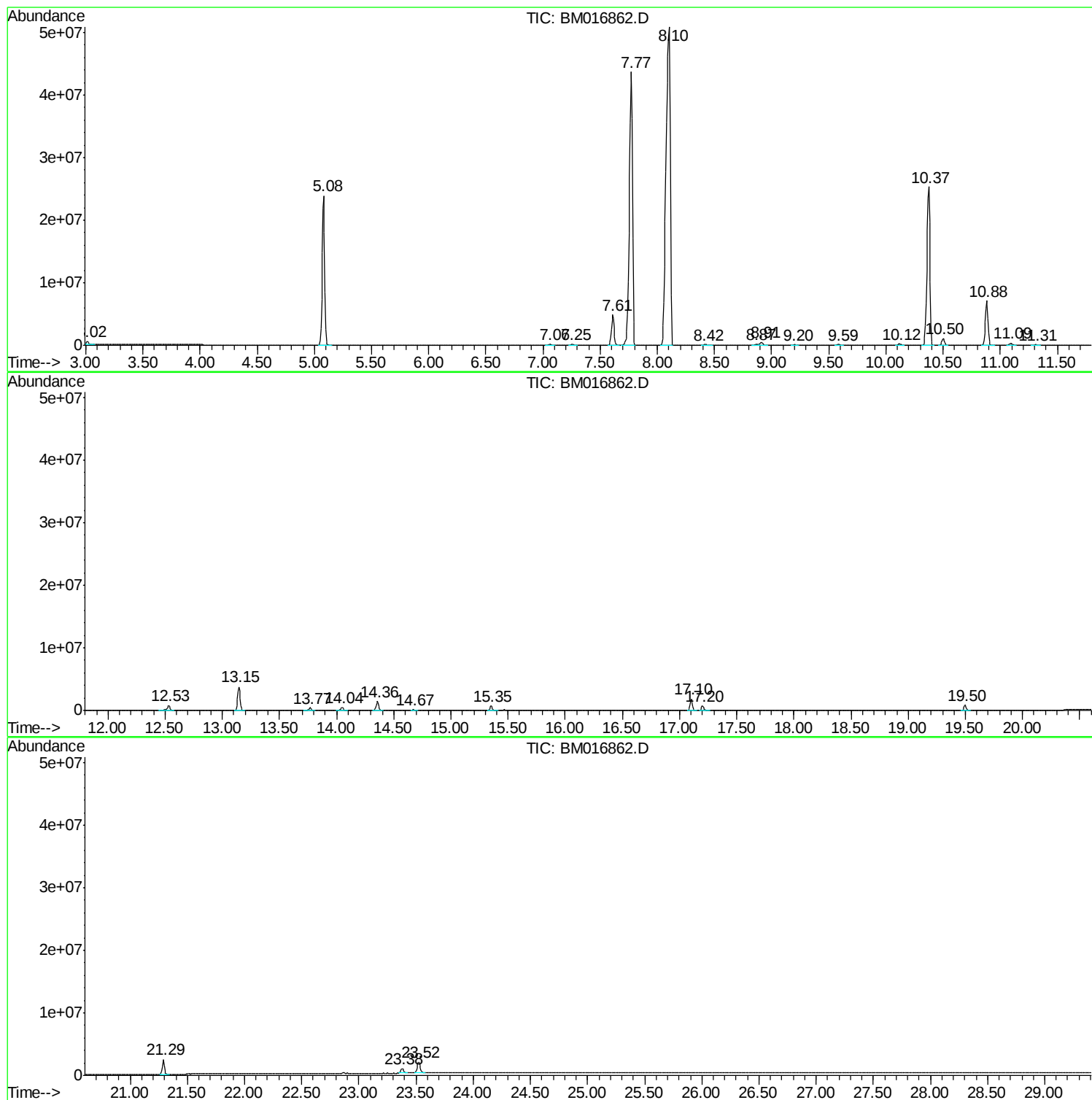
Sum of corrected areas: 350514738

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM091018MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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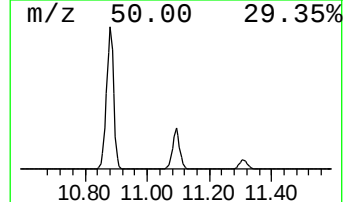
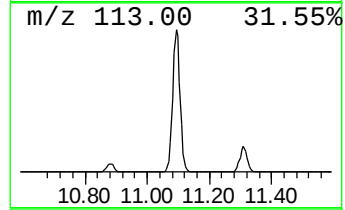
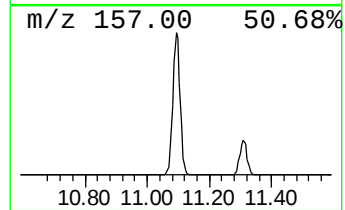
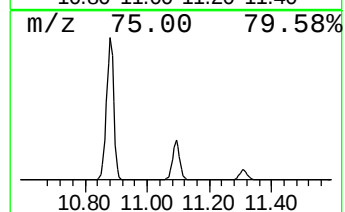
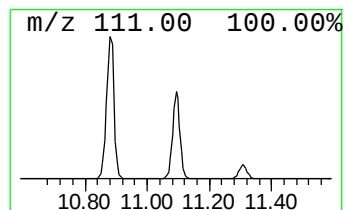
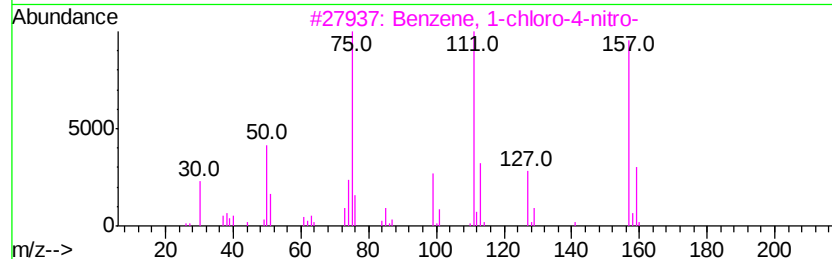
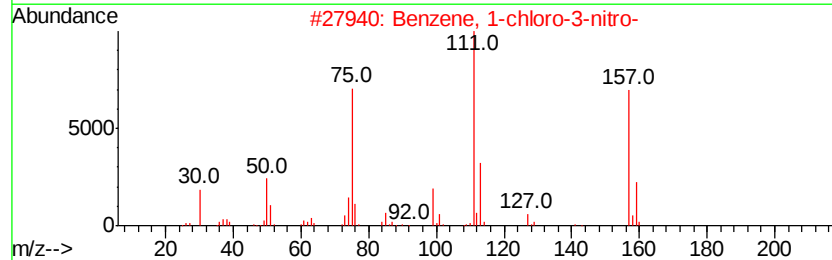
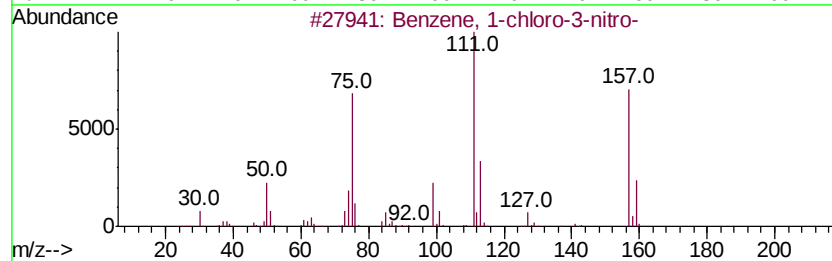
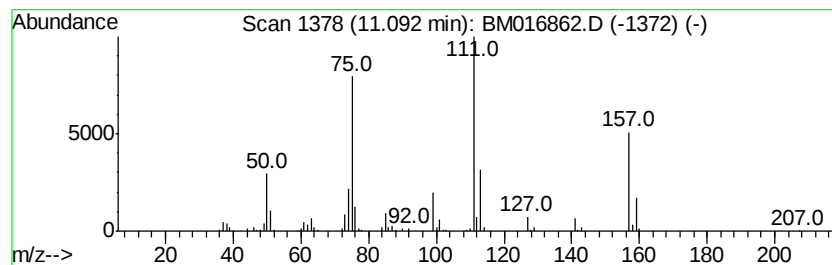
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.09 | 6.24 ng/ul | 543468 | Naphthalene-d8   | 10.50 |

| Hit# | of | Tentative ID               | MW  | MolForm   | CAS#        | Qual |
|------|----|----------------------------|-----|-----------|-------------|------|
| 1    | 5  | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 97   |
| 2    |    | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 94   |
| 3    |    | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 94   |
| 4    |    | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 93   |
| 5    |    | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 90   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | ---Internal Standard--- |       |         |      |
|----------------------|-------|---------|-------|----------|-------------------------|-------|---------|------|
|                      |       |         |       |          | #                       | RT    | Resp    | Conc |
| -----                |       |         |       |          |                         |       |         |      |
| Benzene, 1-chloro... | 11.09 | 6.2     | ng/ul | 543468   | 2                       | 10.50 | 1740710 | 20.0 |