

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\  
 Data File : BM025842.D  
 Acq On : 27 Mar 2020 17:41  
 Operator : CG/JU  
 Sample : L1968-03DL 5X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0DC9DL

## 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-BM031420MA.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         | 4.952       | 341           | 351         | 371          | rBV2     | 51980469       | 93753715      | 100.00%         | 32.998%       |
| 2         | 6.910       | 679           | 684         | 692          | rBV      | 104061         | 167424        | 0.18%           | 0.059%        |
| 3         | 7.104       | 711           | 717         | 725          | rBV      | 116146         | 177775        | 0.19%           | 0.063%        |
| 4         | 7.457       | 769           | 777         | 788          | rBV      | 3338699        | 5222895       | 5.57%           | 1.838%        |
| 5         | 7.622       | 789           | 805         | 811          | rBV2     | 45816392       | 89971816      | 95.97%          | 31.667%       |
| 6         | 7.934       | 847           | 858         | 863          | rBV      | 32242884       | 56887609      | 60.68%          | 20.023%       |
| 7         | 8.269       | 909           | 915         | 925          | rBV2     | 75711          | 124241        | 0.13%           | 0.044%        |
| 8         | 8.704       | 983           | 989         | 992          | rBV      | 134065         | 214951        | 0.23%           | 0.076%        |
| 9         | 8.745       | 992           | 996         | 1005         | rVB      | 438594         | 704297        | 0.75%           | 0.248%        |
| 10        | 9.422       | 1106          | 1111        | 1119         | rVB2     | 95682          | 151408        | 0.16%           | 0.053%        |
| 11        | 9.957       | 1196          | 1202        | 1212         | rBV      | 156212         | 254375        | 0.27%           | 0.090%        |
| 12        | 10.204      | 1236          | 1244        | 1254         | rBV      | 10952710       | 17406697      | 18.57%          | 6.127%        |
| 13        | 10.334      | 1259          | 1266        | 1272         | rBV      | 908176         | 1457493       | 1.55%           | 0.513%        |
| 14        | 10.716      | 1324          | 1331        | 1339         | rVB      | 734585         | 1239520       | 1.32%           | 0.436%        |
| 15        | 10.928      | 1361          | 1367        | 1374         | rVB      | 95765          | 155271        | 0.17%           | 0.055%        |
| 16        | 12.380      | 1604          | 1614        | 1620         | rBV      | 432308         | 701647        | 0.75%           | 0.247%        |
| 17        | 12.992      | 1711          | 1718        | 1727         | rBV      | 664186         | 1037637       | 1.11%           | 0.365%        |
| 18        | 13.622      | 1819          | 1825        | 1830         | rBV      | 305006         | 418923        | 0.45%           | 0.147%        |
| 19        | 13.892      | 1865          | 1871        | 1881         | rBV      | 342255         | 497088        | 0.53%           | 0.175%        |
| 20        | 14.204      | 1917          | 1924        | 1933         | rBV      | 1374350        | 1964002       | 2.09%           | 0.691%        |
| 21        | 15.198      | 2088          | 2093        | 2100         | rVB      | 484419         | 669373        | 0.71%           | 0.236%        |
| 22        | 15.321      | 2110          | 2114        | 2123         | rVB      | 65688          | 97994         | 0.10%           | 0.034%        |
| 23        | 16.951      | 2384          | 2391        | 2397         | rBV      | 1693042        | 2337761       | 2.49%           | 0.823%        |
| 24        | 17.045      | 2401          | 2407        | 2418         | rVB2     | 522244         | 721035        | 0.77%           | 0.254%        |
| 25        | 19.345      | 2792          | 2798        | 2804         | rBV2     | 671528         | 849019        | 0.91%           | 0.299%        |
| 26        | 21.145      | 3098          | 3104        | 3109         | rBV      | 2141583        | 2766522       | 2.95%           | 0.974%        |
| 27        | 23.156      | 3440          | 3446        | 3453         | rBV      | 554191         | 917636        | 0.98%           | 0.323%        |
| 28        | 23.221      | 3454          | 3457        | 3462         | rVV      | 87405          | 130705        | 0.14%           | 0.046%        |
| 29        | 23.292      | 3462          | 3469        | 3478         | rVB      | 1713401        | 2984276       | 3.18%           | 1.050%        |
| 30        | 23.839      | 3558          | 3562        | 3569         | rVB4     | 85634          | 134312        | 0.14%           | 0.047%        |

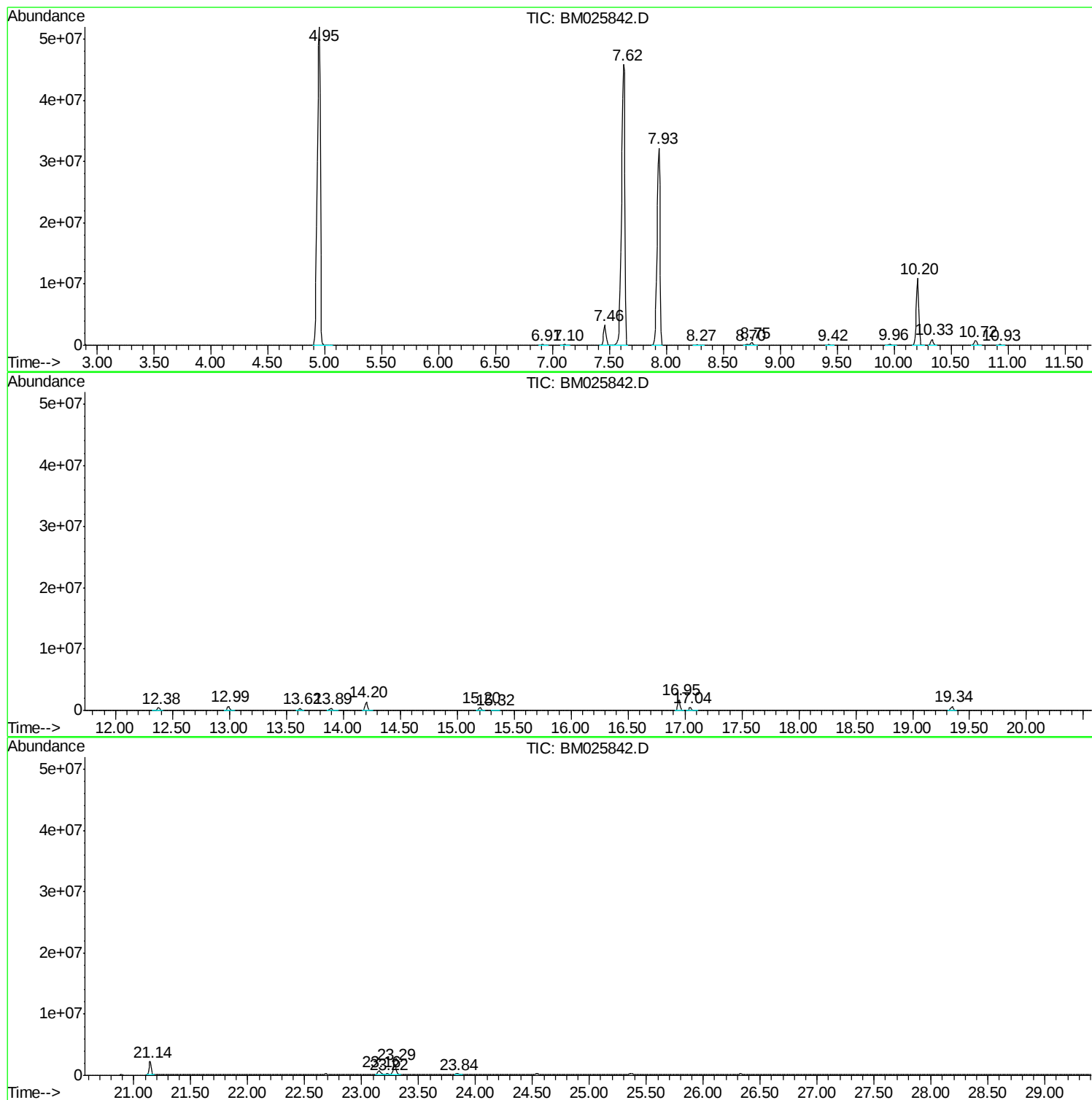
Sum of corrected areas: 284117417

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
Quant Title : SVOA CALIBRATION

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



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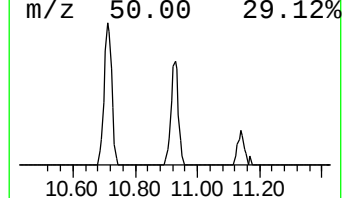
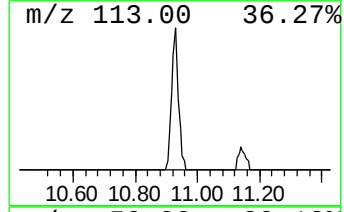
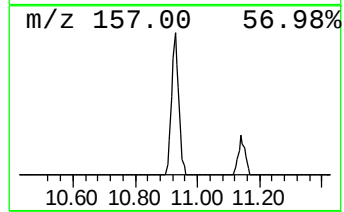
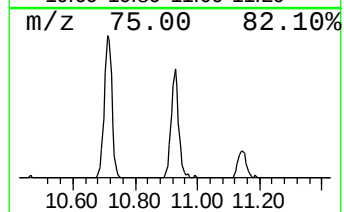
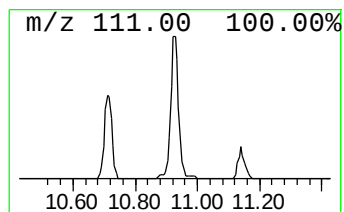
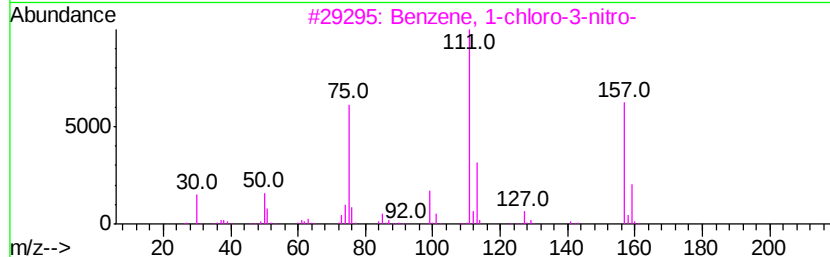
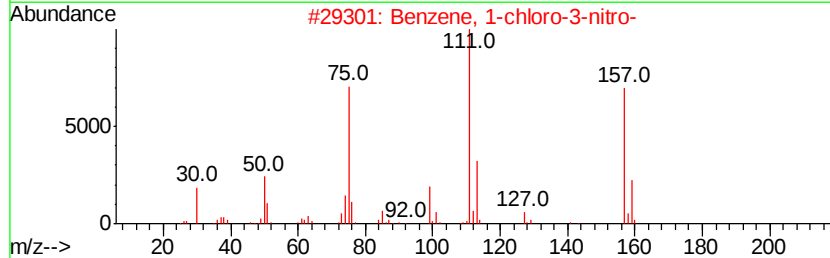
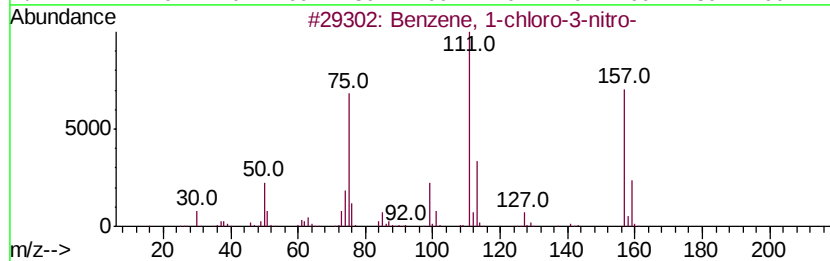
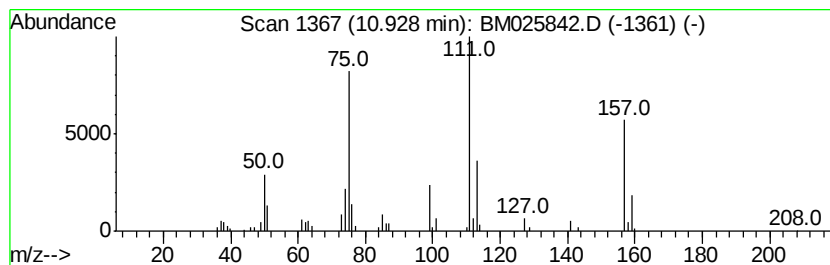
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Peak Number 5 Benzene, 1-chloro-3-nitro- Concentration Rank 5

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 10.93 | 2.13 ng/ul | 155271 | Naphthalene-d8   | 10.33 |

| Hit# | of | Tentative ID               | MW  | MolForm   | CAS#        | Qual |
|------|----|----------------------------|-----|-----------|-------------|------|
| 1    | 5  | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 96   |
| 2    |    | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 95   |
| 3    |    | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 94   |
| 4    |    | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 91   |
| 5    |    | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 91   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | ---Internal Standard--- |       |         |      |
|----------------------|-------|---------|-------|----------|-------------------------|-------|---------|------|
|                      |       |         |       |          | #                       | RT    | Resp    | Conc |
| Benzene, 1-chloro... | 10.93 | 2.1     | ng/ul | 155271   | 2                       | 10.33 | 1457490 | 20.0 |