

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\  
 Data File : BM025848.D  
 Acq On : 27 Mar 2020 21:20  
 Operator : CG/JU  
 Sample : L2003-01DL 5X  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0EKODL

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         | 4.957       | 340           | 352         | 356          | RBV3     | 58098152       | 120136182     | 100.00%         | 31.588%       |
| 2         | 6.910       | 679           | 684         | 693          | rVB      | 110003         | 174248        | 0.15%           | 0.046%        |
| 3         | 7.104       | 711           | 717         | 724          | rBV      | 124414         | 193884        | 0.16%           | 0.051%        |
| 4         | 7.457       | 769           | 777         | 789          | rBV      | 7539538        | 12013194      | 10.00%          | 3.159%        |
| 5         | 7.622       | 789           | 805         | 810          | RBV2     | 45134716       | 85568813      | 71.23%          | 22.499%       |
| 6         | 7.945       | 847           | 860         | 865          | RBV2     | 48126492       | 103074163     | 85.80%          | 27.102%       |
| 7         | 8.269       | 908           | 915         | 923          | rVB      | 85633          | 137518        | 0.11%           | 0.036%        |
| 8         | 8.704       | 983           | 989         | 992          | rBV      | 138054         | 230040        | 0.19%           | 0.060%        |
| 9         | 8.745       | 992           | 996         | 1004         | rVB      | 561971         | 886575        | 0.74%           | 0.233%        |
| 10        | 9.040       | 1040          | 1046        | 1053         | rVB      | 109028         | 166284        | 0.14%           | 0.044%        |
| 11        | 9.422       | 1105          | 1111        | 1119         | rBV      | 103127         | 170673        | 0.14%           | 0.045%        |
| 12        | 9.957       | 1196          | 1202        | 1211         | rBV      | 173754         | 276928        | 0.23%           | 0.073%        |
| 13        | 10.210      | 1236          | 1245        | 1252         | rBV      | 18323074       | 29456125      | 24.52%          | 7.745%        |
| 14        | 10.334      | 1259          | 1266        | 1273         | rVB      | 895487         | 1403836       | 1.17%           | 0.369%        |
| 15        | 10.716      | 1323          | 1331        | 1340         | rVB      | 4795703        | 7574152       | 6.30%           | 1.992%        |
| 16        | 10.922      | 1359          | 1366        | 1375         | rBV      | 410331         | 678946        | 0.57%           | 0.179%        |
| 17        | 11.139      | 1397          | 1403        | 1411         | rVB      | 92396          | 157026        | 0.13%           | 0.041%        |
| 18        | 12.375      | 1608          | 1613        | 1621         | rVB      | 386971         | 614114        | 0.51%           | 0.161%        |
| 19        | 12.992      | 1711          | 1718        | 1725         | rVB      | 1140377        | 1690435       | 1.41%           | 0.444%        |
| 20        | 13.622      | 1817          | 1825        | 1829         | rBV      | 328653         | 475903        | 0.40%           | 0.125%        |
| 21        | 13.892      | 1865          | 1871        | 1878         | rBV      | 362246         | 537742        | 0.45%           | 0.141%        |
| 22        | 14.204      | 1917          | 1924        | 1931         | RBV2     | 1287968        | 1875639       | 1.56%           | 0.493%        |
| 23        | 15.198      | 2087          | 2093        | 2100         | rBV      | 528006         | 713166        | 0.59%           | 0.188%        |
| 24        | 15.327      | 2109          | 2115        | 2125         | rVB      | 87107          | 133067        | 0.11%           | 0.035%        |
| 25        | 16.945      | 2384          | 2390        | 2398         | rVB      | 1638585        | 2281952       | 1.90%           | 0.600%        |
| 26        | 17.045      | 2401          | 2407        | 2416         | rBV      | 575348         | 776890        | 0.65%           | 0.204%        |
| 27        | 18.321      | 2619          | 2624        | 2629         | rVB      | 294910         | 363830        | 0.30%           | 0.096%        |
| 28        | 19.345      | 2790          | 2798        | 2806         | rBV      | 732803         | 949673        | 0.79%           | 0.250%        |
| 29        | 21.139      | 3098          | 3103        | 3109         | rBV      | 2224450        | 2801522       | 2.33%           | 0.737%        |
| 30        | 22.686      | 3362          | 3366        | 3370         | rVB      | 113793         | 147069        | 0.12%           | 0.039%        |
| 31        | 23.150      | 3440          | 3445        | 3452         | rBV      | 572545         | 983084        | 0.82%           | 0.258%        |
| 32        | 23.227      | 3454          | 3458        | 3462         | rVV      | 148056         | 217851        | 0.18%           | 0.057%        |
| 33        | 23.291      | 3462          | 3469        | 3476         | rVB      | 1712937        | 2966822       | 2.47%           | 0.780%        |
| 34        | 23.833      | 3557          | 3561        | 3568         | rVB      | 143874         | 257666        | 0.21%           | 0.068%        |

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Sample : L2003-01DL 5X  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0EK0DL

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\_M\METHODS\SOM-EPA-BM031420MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |       |        |
|----|--------|------|------|------|------|--------|--------|-------|--------|
| 35 | 24.538 | 3677 | 3681 | 3689 | rVB3 | 121081 | 235069 | 0.20% | 0.062% |
|----|--------|------|------|------|------|--------|--------|-------|--------|

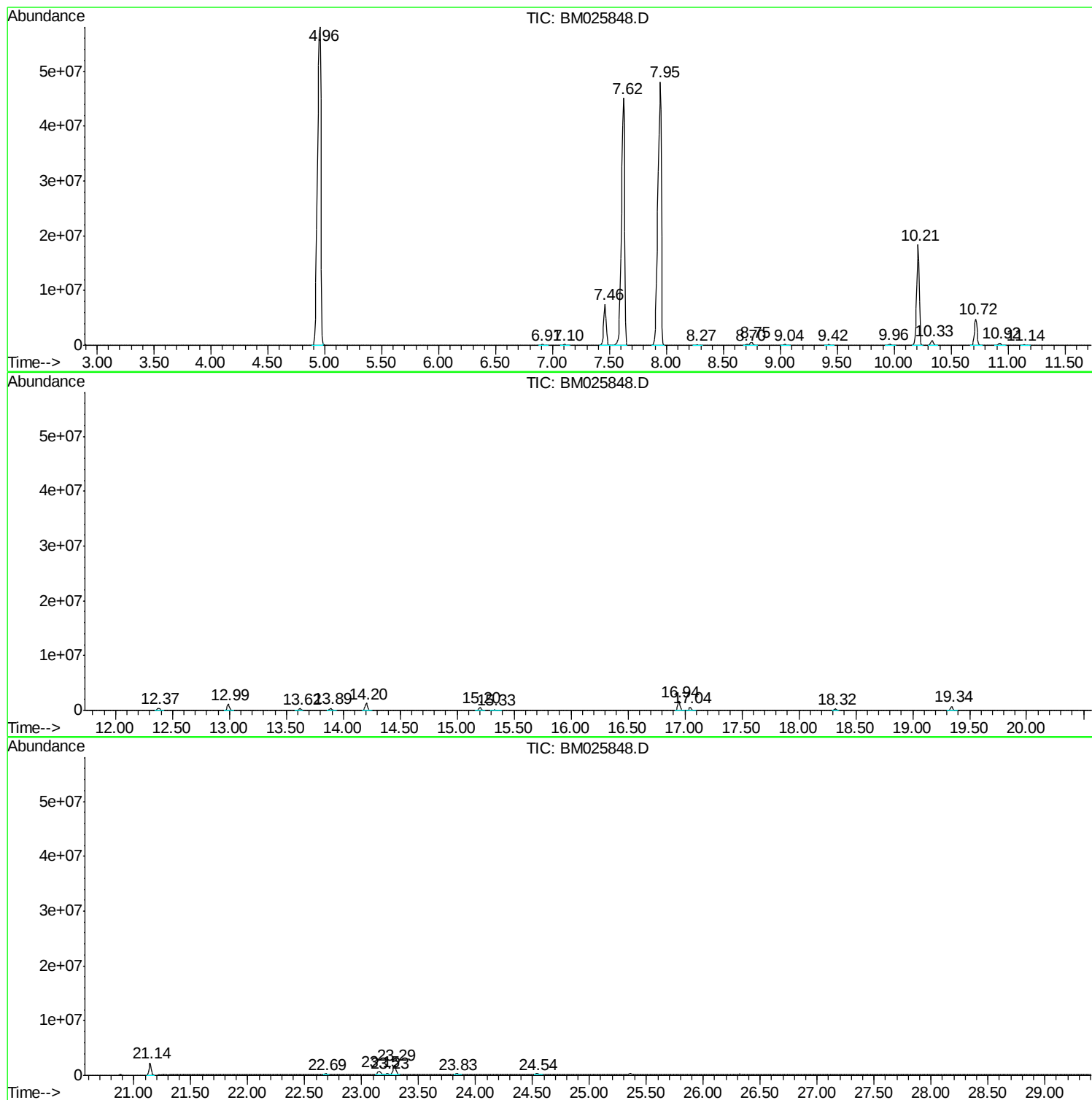
Sum of corrected areas: 380320081

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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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Sample : L2003-01DL 5X  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0EKODL

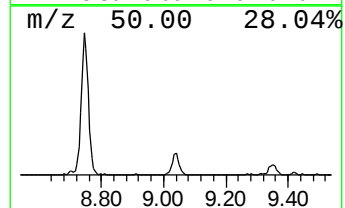
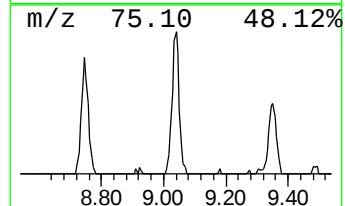
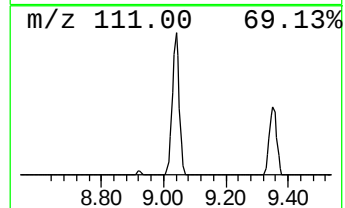
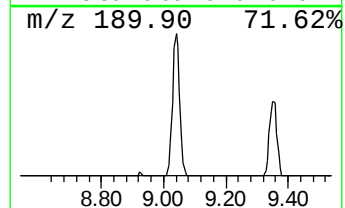
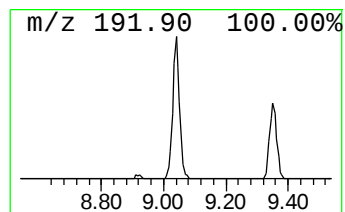
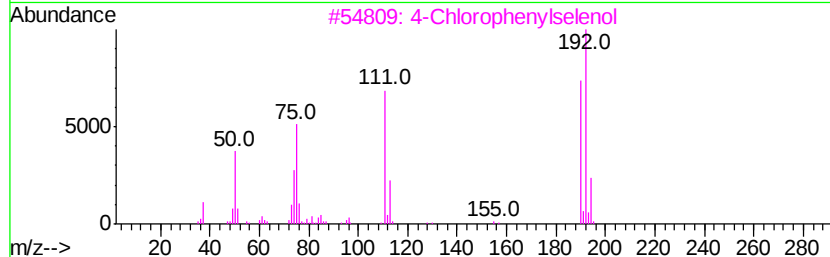
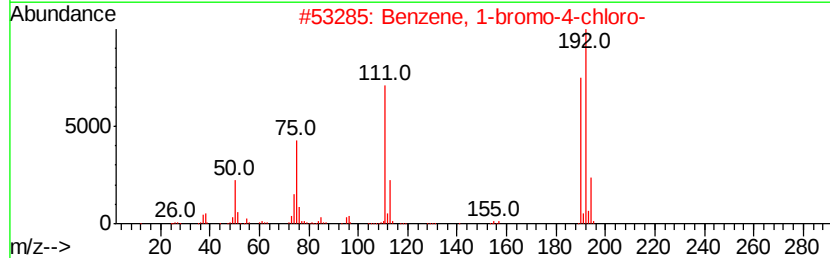
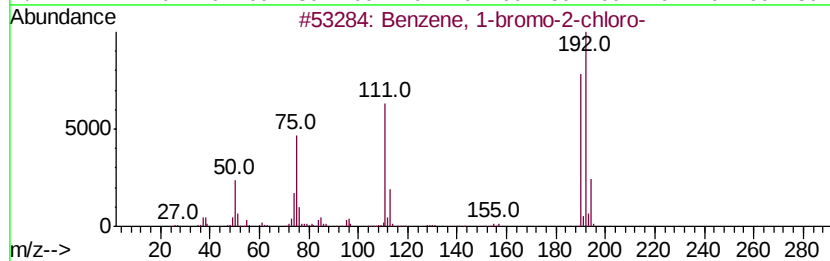
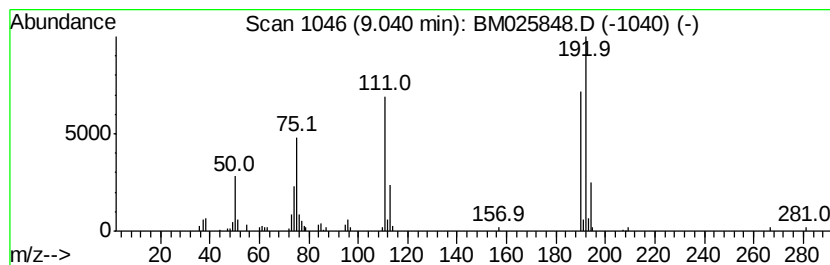
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 9

| R.T. | EstConc    | Area   | Relative to ISTD | R.T.  |
|------|------------|--------|------------------|-------|
| 9.04 | 2.37 ng/ul | 166284 | Naphthalene-d8   | 10.33 |

| Hit# | of | Tentative ID               | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------|-----|----------|-------------|------|
| 1    | 5  | Benzene, 1-bromo-2-chloro- | 190 | C6H4BrCl | 000694-80-4 | 98   |
| 2    |    | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 98   |
| 3    |    | 4-Chlorophenylselenol      | 192 | C6H5ClSe | 016645-10-6 | 97   |
| 4    |    | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 96   |
| 5    |    | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 96   |



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ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0EKODL

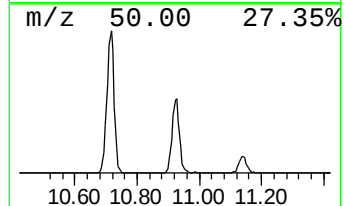
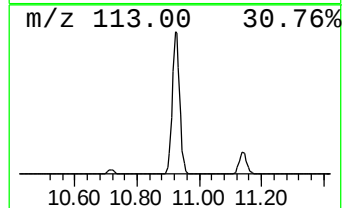
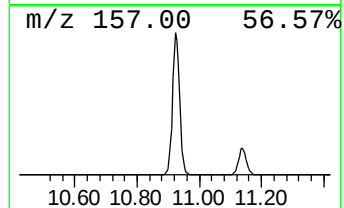
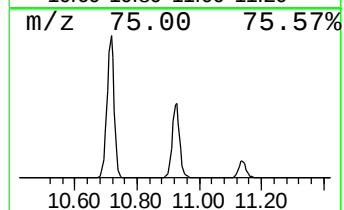
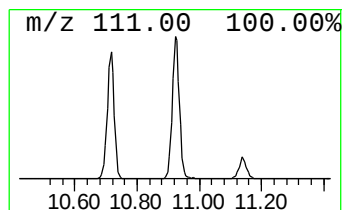
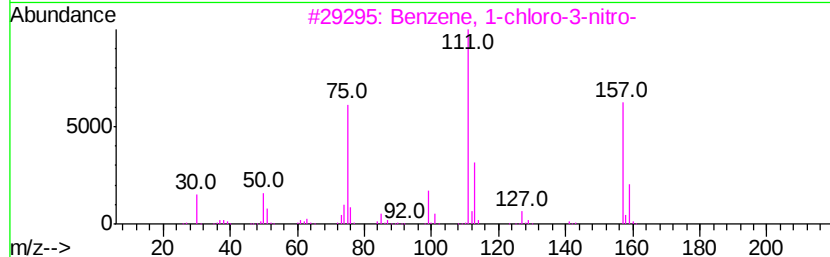
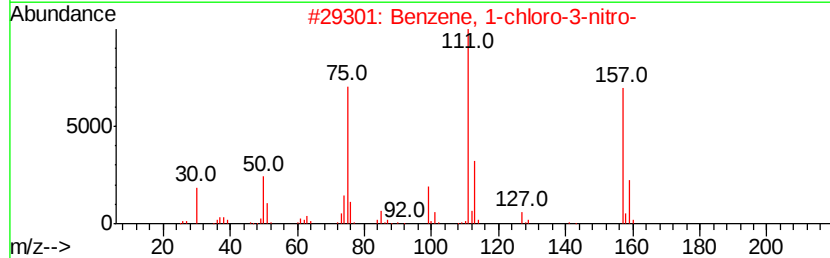
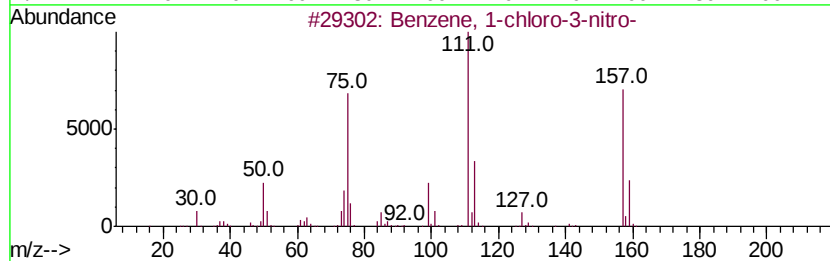
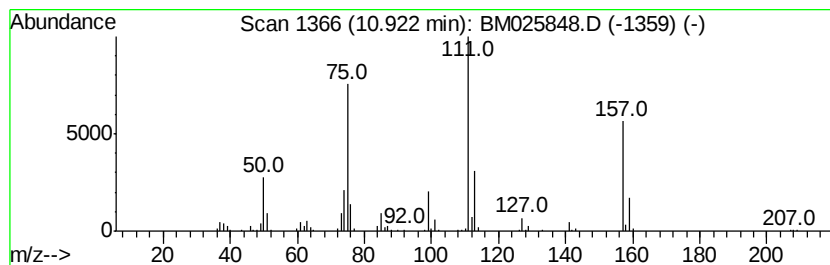
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM031420MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 10.92 | 9.67 ng/ul | 678946 | Naphthalene-d8   | 10.33 |

| 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 | 93   |
| 3    |    | Benzene, 1-chloro-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 92   |
| 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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Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0EKODL

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

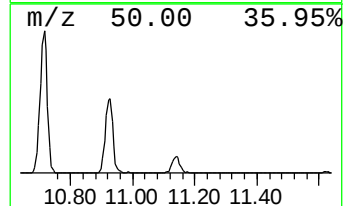
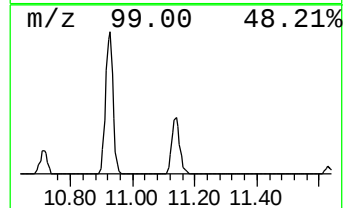
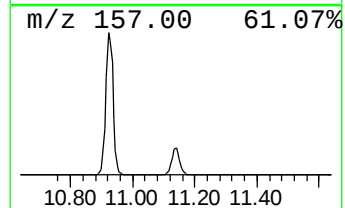
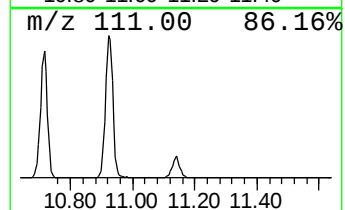
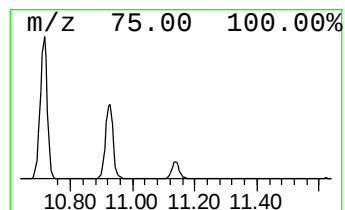
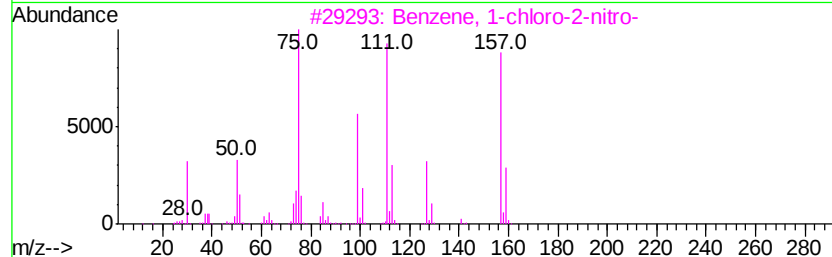
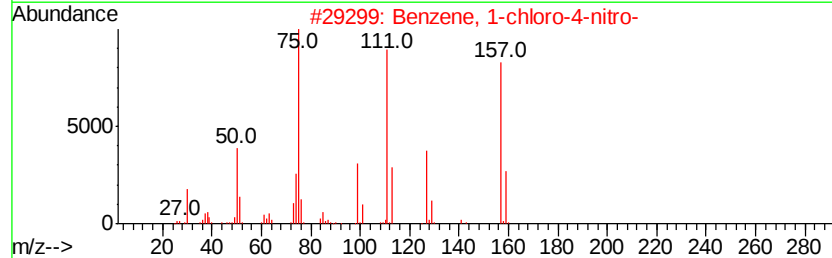
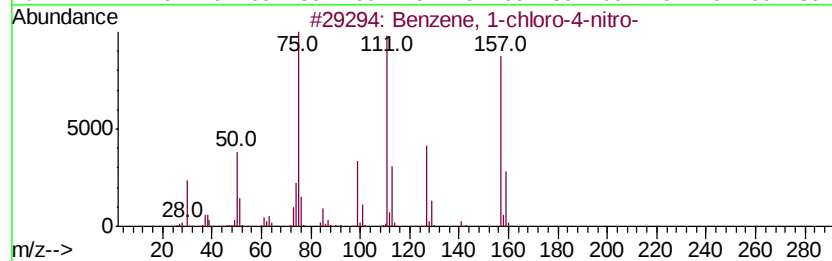
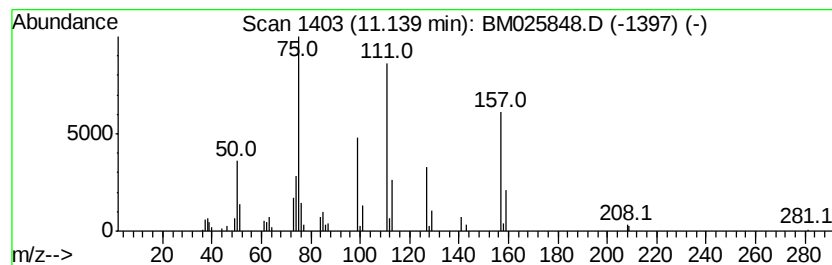
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Benzene, 1-chloro-4-nitro- Concentration Rank 10

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.14 | 2.24 ng/ul | 157026 | Naphthalene-d8   | 10.33 |

| Hit# | of | Tentative ID               | MW  | MolForm   | CAS#        | Qual |
|------|----|----------------------------|-----|-----------|-------------|------|
| 1    | 5  | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 96   |
| 2    |    | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 96   |
| 3    |    | Benzene, 1-chloro-2-nitro- | 157 | C6H4ClNO2 | 000088-73-3 | 96   |
| 4    |    | Benzene, 1-chloro-2-nitro- | 157 | C6H4ClNO2 | 000088-73-3 | 95   |
| 5    |    | Benzene, 1-chloro-2-nitro- | 157 | C6H4ClNO2 | 000088-73-3 | 95   |



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ALS Vial : 46 Sample Multiplier: 1

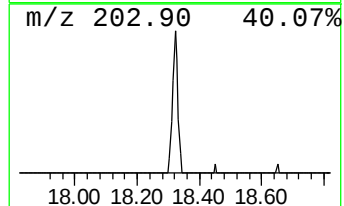
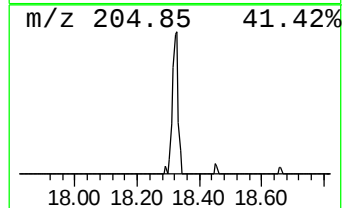
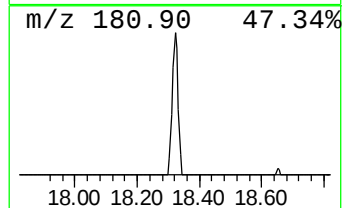
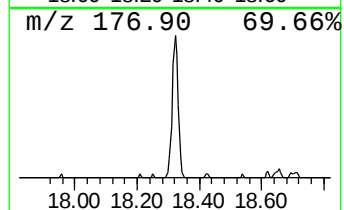
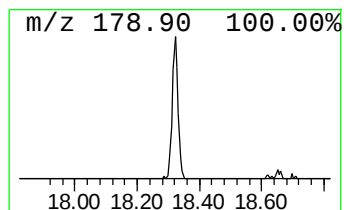
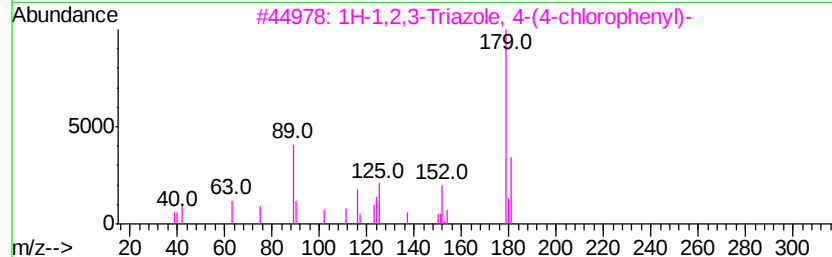
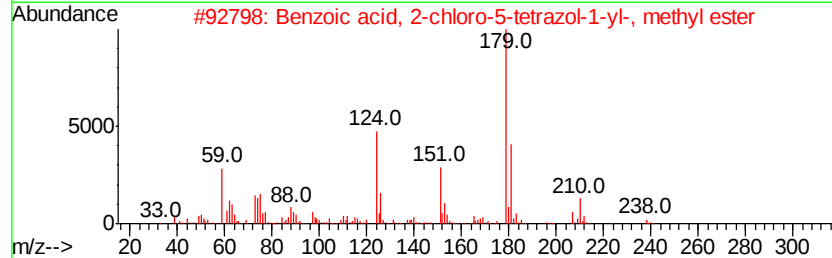
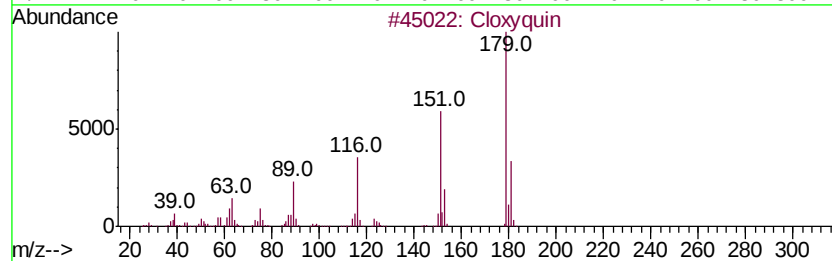
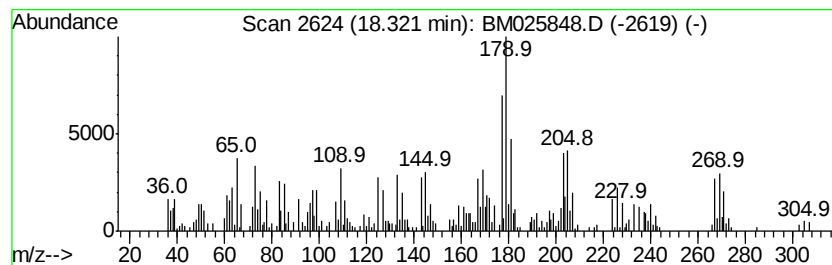
Instrument :  
BNA\_M  
ClientSampleId :  
C0EKODL

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Quant Title : SVOA CALIBRATION

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

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Peak Number 10 unknown-01 Concentration Rank 7

| R.T.    | EstConc    | Area                                | Relative to ISTD | R.T.            |
|---------|------------|-------------------------------------|------------------|-----------------|
| 18.32   | 3.19 ng/ul | 363830                              | Phenanthrene-d10 | 16.94           |
| Hit# of | 5          | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1       |            | Cloxyquin                           | 179 C9H6ClN0     | 000130-16-5 27  |
| 2       |            | Benzoic acid, 2-chloro-5-tetrazo... | 238 C9H7ClN4O2   | 1000310-73-5 22 |
| 3       |            | 1H-1,2,3-Triazole, 4-(4-chloroph... | 179 C8H6ClN3     | 005604-31-9 22  |
| 4       |            | 6-Chloro-1,2,3,4-tetrahydrocarba... | 205 C12H12ClN    | 036684-65-8 20  |
| 5       |            | 2-Amino-4,6-dichlorophenol          | 177 C6H5Cl2NO    | 000527-62-8 11  |



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ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0EK0DL

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Benzene, 1-bromo-... | 9.04  | 2.4     | ng/ul | 166284   | 2                     | 10.33 | 1403840 | 20.0 |
| Benzene, 1-chloro... | 10.92 | 9.7     | ng/ul | 678946   | 2                     | 10.33 | 1403840 | 20.0 |
| Benzene, 1-chloro... | 11.14 | 2.2     | ng/ul | 157026   | 2                     | 10.33 | 1403840 | 20.0 |
| unknown-01           | 18.32 | 3.2     | ng/ul | 363830   | 4                     | 16.94 | 2281950 | 20.0 |