

Data Path : Z:\HPCHEM1\BNA G\Data\BG031816\  
 Data File : BG021444.D  
 Acq On : 18 Mar 2016 10:53  
 Operator : UM/SJ  
 Sample : H1785-12DL 25X  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AD6DL

## 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:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG031616.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         | 3.119       | 42            | 48          | 69           | rVB      | 741796         | 1177021       | 22.82%          | 11.189%       |
| 2         | 5.399       | 426           | 436         | 453          | rBB      | 2996984        | 5157113       | 100.00%         | 49.027%       |
| 3         | 7.972       | 868           | 874         | 881          | rBB      | 99892          | 164951        | 3.20%           | 1.568%        |
| 4         | 8.125       | 888           | 900         | 909          | rBV      | 833939         | 1425603       | 27.64%          | 13.553%       |
| 5         | 8.448       | 946           | 955         | 962          | rBV      | 808504         | 1403810       | 27.22%          | 13.345%       |
| 6         | 9.294       | 1093          | 1099        | 1108         | rVB      | 53742          | 97143         | 1.88%           | 0.924%        |
| 7         | 10.751      | 1340          | 1347        | 1354         | rBB      | 126063         | 217156        | 4.21%           | 2.064%        |
| 8         | 10.892      | 1364          | 1371        | 1379         | rBB      | 40582          | 67861         | 1.32%           | 0.645%        |
| 9         | 11.274      | 1430          | 1436        | 1443         | rBB2     | 31663          | 53080         | 1.03%           | 0.505%        |
| 10        | 11.491      | 1467          | 1473        | 1481         | rBB      | 48633          | 82386         | 1.60%           | 0.783%        |
| 11        | 11.709      | 1504          | 1510        | 1517         | rBB2     | 10271          | 17479         | 0.34%           | 0.166%        |
| 12        | 13.501      | 1811          | 1815        | 1820         | rBB3     | 3883           | 5203          | 0.10%           | 0.049%        |
| 13        | 14.699      | 2013          | 2019        | 2025         | rBB2     | 64611          | 102617        | 1.99%           | 0.976%        |
| 14        | 15.687      | 2182          | 2187        | 2191         | rBB2     | 4992           | 6347          | 0.12%           | 0.060%        |
| 15        | 17.437      | 2479          | 2485        | 2491         | rBV2     | 97258          | 140127        | 2.72%           | 1.332%        |
| 16        | 17.537      | 2495          | 2502        | 2508         | rBB      | 5458           | 7871          | 0.15%           | 0.075%        |
| 17        | 18.812      | 2714          | 2719        | 2723         | rBV2     | 28029          | 32003         | 0.62%           | 0.304%        |
| 18        | 19.811      | 2882          | 2889        | 2895         | rBV      | 8367           | 12455         | 0.24%           | 0.118%        |
| 19        | 21.697      | 3203          | 3210        | 3215         | rBV      | 107273         | 180571        | 3.50%           | 1.717%        |
| 20        | 24.929      | 3752          | 3760        | 3773         | rVB2     | 60205          | 168200        | 3.26%           | 1.599%        |

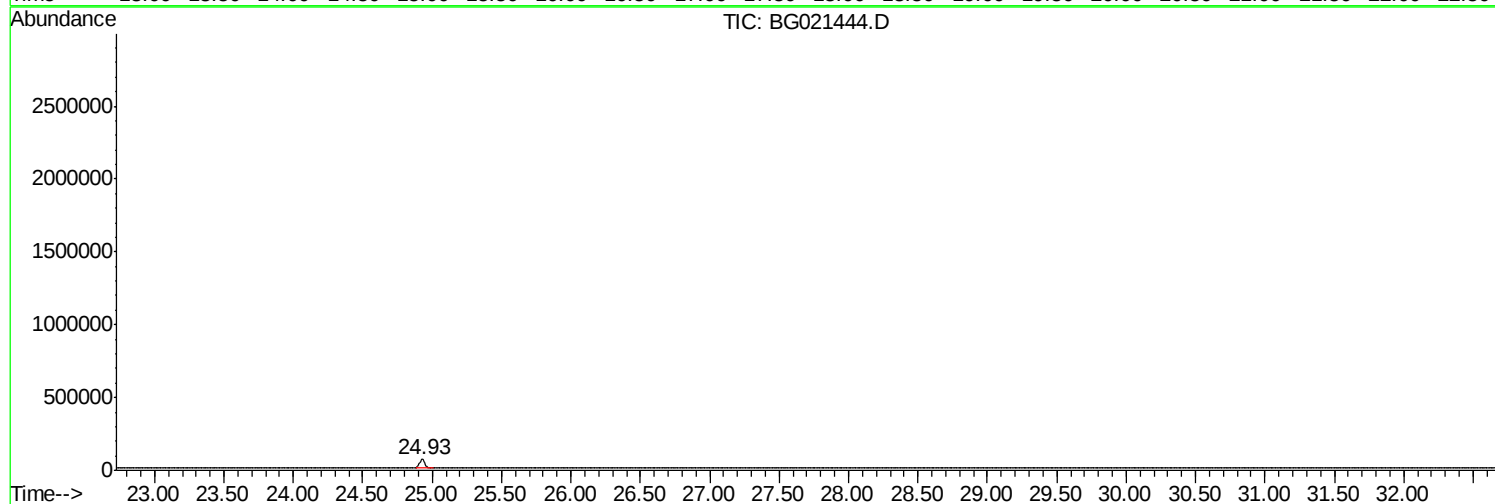
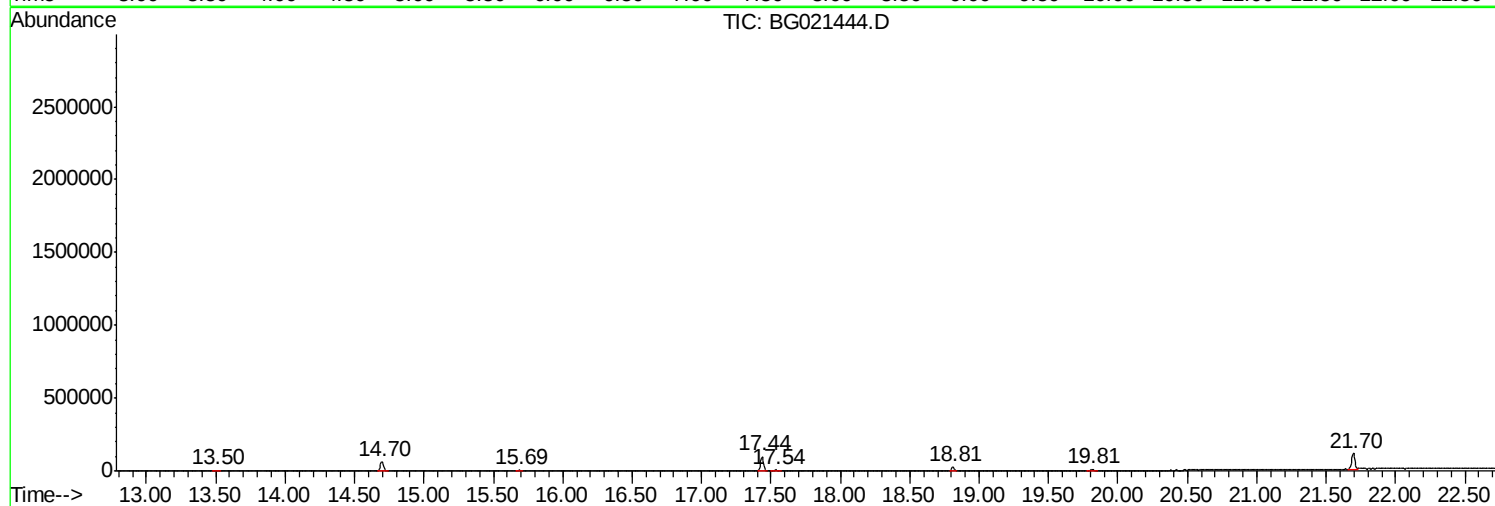
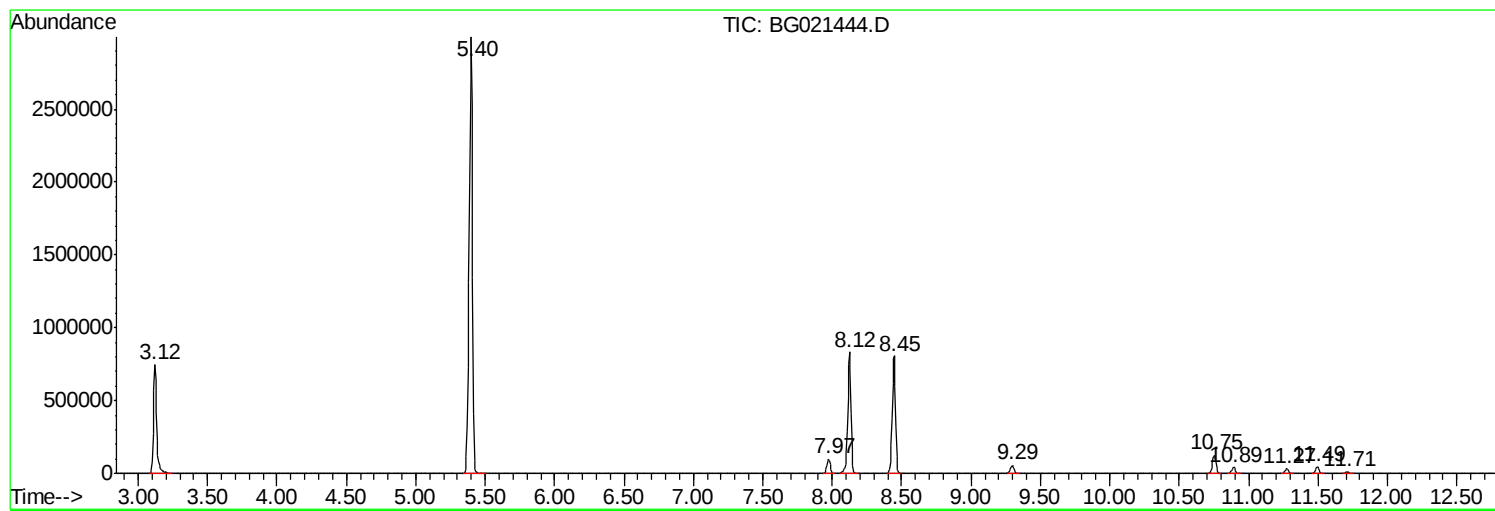
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C0AD6DL

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M  
Quant Title : SVOA CALIBRATION

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



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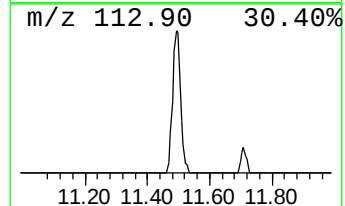
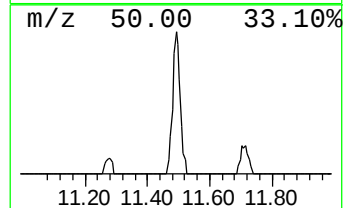
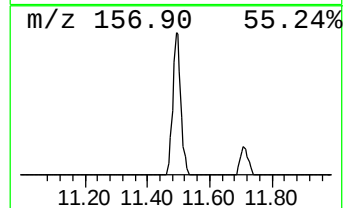
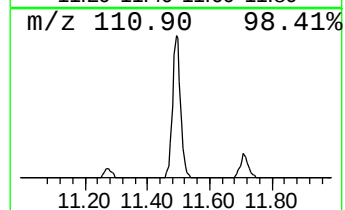
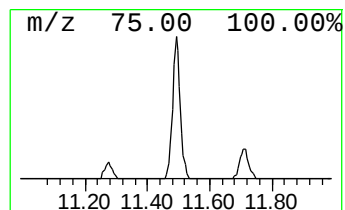
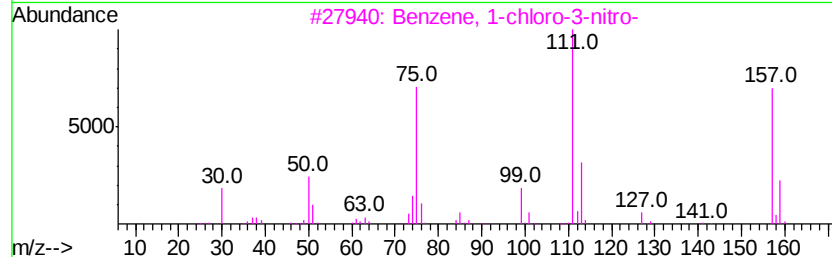
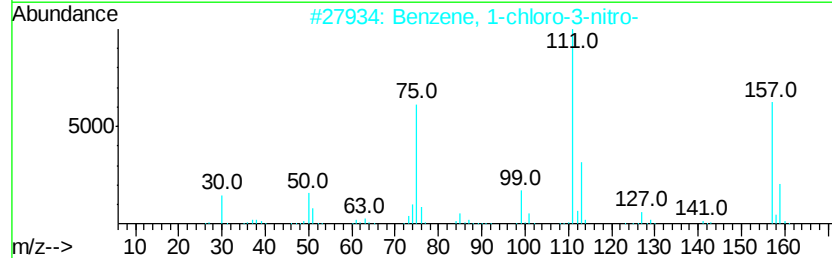
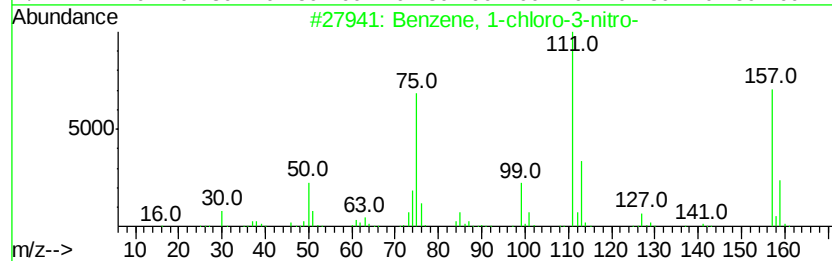
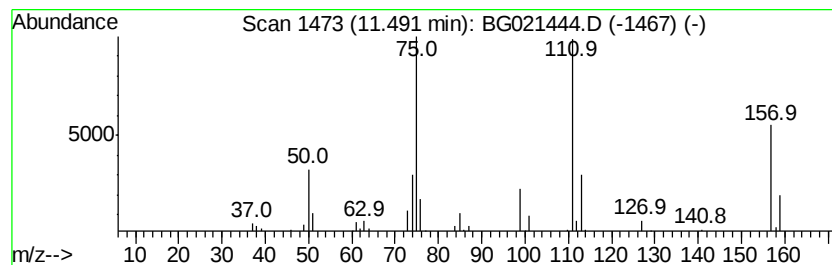
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Benzene, 1-chloro-3-nitro- Concentration Rank 3

| R.T.  | EstConc     | Area  | Relative to ISTD | R.T.  |
|-------|-------------|-------|------------------|-------|
| 11.49 | 24.28 ng/ul | 82386 | Naphthalene-d8   | 10.89 |

| 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-3-nitro- | 157 | C6H4ClNO2 | 000121-73-3 | 93   |
| 4    |    | Benzene, 1-chloro-2-nitro- | 157 | C6H4ClNO2 | 000088-73-3 | 93   |
| 5    |    | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 93   |



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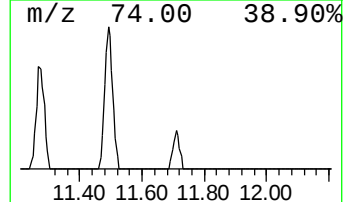
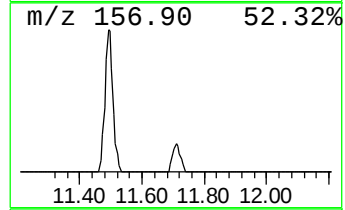
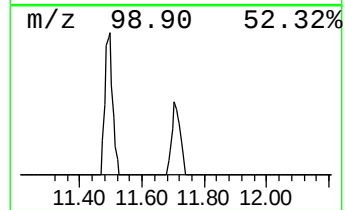
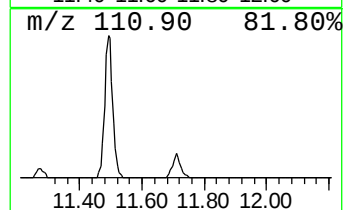
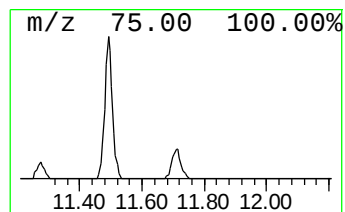
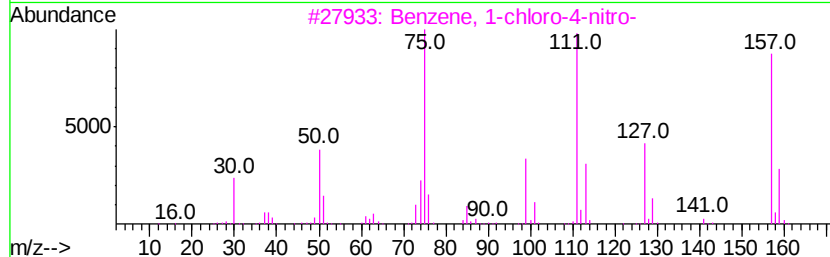
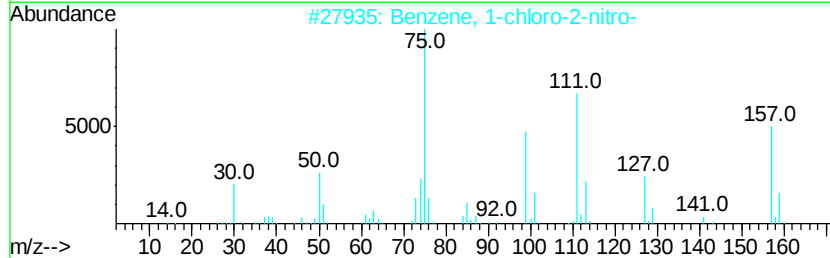
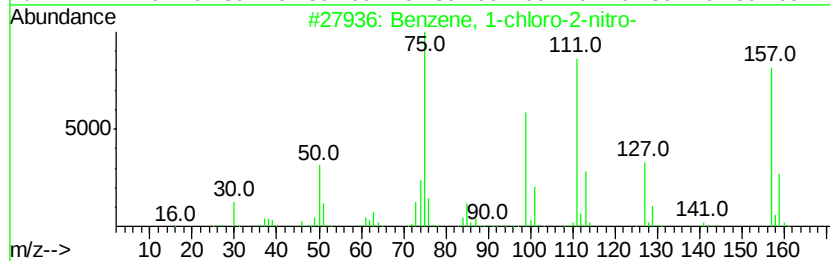
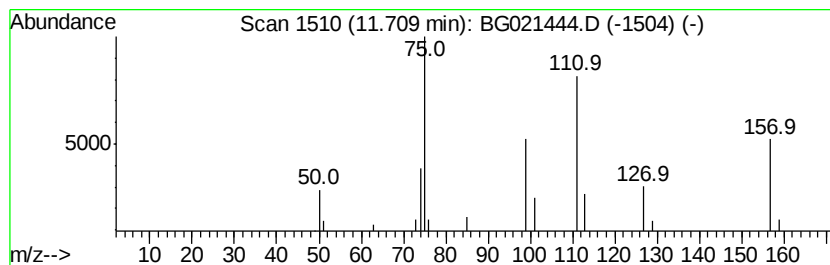
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Benzene, 1-chloro-2-nitro- Concentration Rank 7

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 11.71 | 5.15 ng/ul | 17479 | Naphthalene-d8   | 10.89 |

| Hit# | of | Tentative ID               | MW  | MolForm   | CAS#        | Qual |
|------|----|----------------------------|-----|-----------|-------------|------|
| 1    | 5  | Benzene, 1-chloro-2-nitro- | 157 | C6H4ClNO2 | 000088-73-3 | 95   |
| 2    |    | Benzene, 1-chloro-2-nitro- | 157 | C6H4ClNO2 | 000088-73-3 | 94   |
| 3    |    | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 93   |
| 4    |    | Benzene, 1-chloro-2-nitro- | 157 | C6H4ClNO2 | 000088-73-3 | 91   |
| 5    |    | Benzene, 1-chloro-4-nitro- | 157 | C6H4ClNO2 | 000100-00-5 | 89   |



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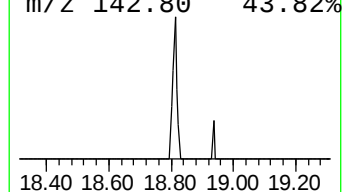
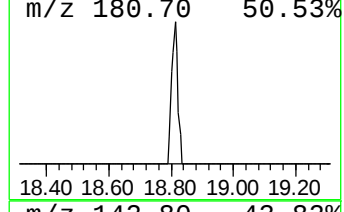
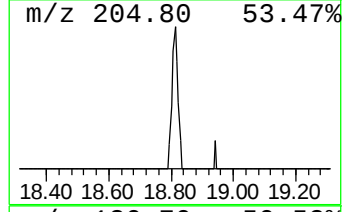
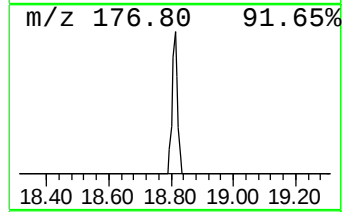
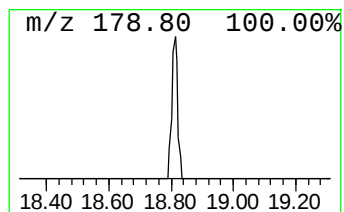
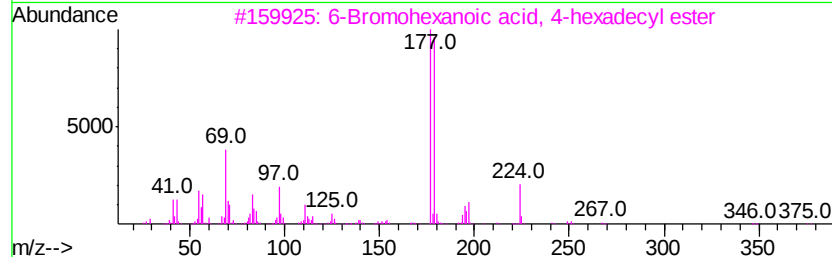
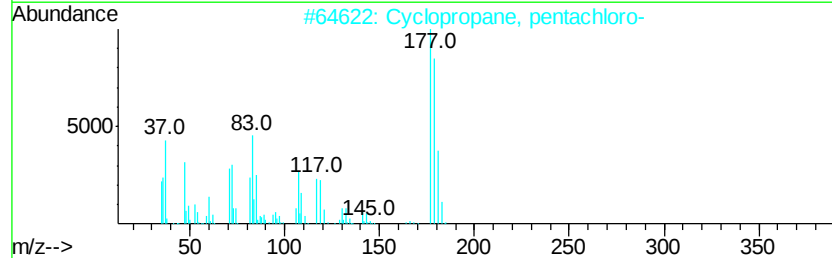
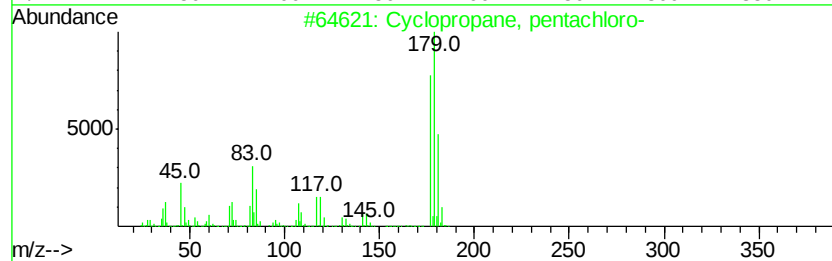
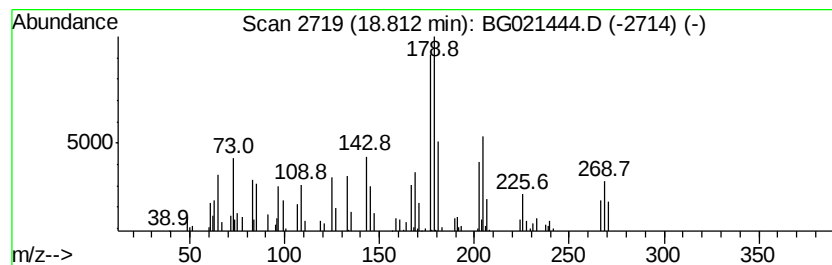
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 unknown-01 Concentration Rank 8

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 18.81 | 4.57 ng/ul | 32003 | Phenanthrene-d10 | 17.44 |

| Hit# | of | Tentative ID                            | MW  | MolForm    | CAS#         | Qual |
|------|----|-----------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Cyclopropane, pentachloro-              | 212 | C3HCl5     | 006262-51-7  | 35   |
| 2    |    | Cyclopropane, pentachloro-              | 212 | C3HCl5     | 006262-51-7  | 25   |
| 3    |    | 6-Bromohexanoic acid, 4-hexadecyl ester | 418 | C22H43BrO2 | 1000282-90-6 | 22   |
| 4    |    | Cloxyquin                               | 179 | C9H6ClNO   | 000130-16-5  | 18   |
| 5    |    | 6-Chloro-1,2,3,4-tetrahydrocarba...     | 205 | C12H12ClN  | 036684-65-8  | 15   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Benzene, 1-chloro... | 11.49 | 24.3    | ng/ul | 82386    | 2                     | 10.89 | 67861  | 20.0 |
| Benzene, 1-chloro... | 11.71 | 5.2     | ng/ul | 17479    | 2                     | 10.89 | 67861  | 20.0 |
| unknown-01           | 18.81 | 4.6     | ng/ul | 32003    | 4                     | 17.44 | 140127 | 20.0 |