

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\  
 Data File : BM012182.D  
 Acq On : 14 Oct 2017 22:16  
 Operator : SJ/JU  
 Sample : I5840-03  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AG6

## Integration Parameters: LSCINT.P

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

Filtering: 5  
 Min Area: 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\_M\METHODS\SOM-EPA-BM101217.M  
 Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 6.981    | 656        | 662      | 677       | rBV   | 112803      | 224542     | 3.56%        | 0.556%     |
| 2      | 7.140    | 683        | 689      | 703       | rBV   | 305811      | 520459     | 8.25%        | 1.289%     |
| 3      | 7.340    | 716        | 723      | 740       | rVB   | 374501      | 695344     | 11.02%       | 1.722%     |
| 4      | 7.810    | 793        | 803      | 809       | rBV   | 321264      | 549858     | 8.71%        | 1.362%     |
| 5      | 7.869    | 809        | 813      | 826       | rVB2  | 62079       | 133117     | 2.11%        | 0.330%     |
| 6      | 8.522    | 918        | 924      | 936       | rBV   | 351704      | 654365     | 10.37%       | 1.621%     |
| 7      | 8.910    | 983        | 990      | 995       | rBV2  | 74612       | 130705     | 2.07%        | 0.324%     |
| 8      | 8.981    | 995        | 1002     | 1009      | rVV   | 445123      | 771731     | 12.23%       | 1.911%     |
| 9      | 9.104    | 1017       | 1023     | 1034      | rVB   | 78574       | 138269     | 2.19%        | 0.342%     |
| 10     | 9.704    | 1116       | 1125     | 1137      | rBV   | 403298      | 766580     | 12.15%       | 1.899%     |
| 11     | 10.239   | 1209       | 1216     | 1235      | rBV   | 520970      | 1103215    | 17.48%       | 2.733%     |
| 12     | 10.610   | 1272       | 1279     | 1286      | rVV   | 496492      | 849860     | 13.47%       | 2.105%     |
| 13     | 13.869   | 1826       | 1833     | 1849      | rBV   | 1540721     | 2226982    | 35.30%       | 5.516%     |
| 14     | 14.157   | 1875       | 1882     | 1898      | rBV   | 1671710     | 2422189    | 38.39%       | 5.999%     |
| 15     | 14.463   | 1927       | 1934     | 1943      | rBV2  | 920564      | 1406677    | 22.29%       | 3.484%     |
| 16     | 14.698   | 1968       | 1974     | 1991      | rBV3  | 53953       | 191602     | 3.04%        | 0.475%     |
| 17     | 15.457   | 2096       | 2103     | 2119      | rBV   | 2183885     | 3182710    | 50.44%       | 7.883%     |
| 18     | 15.592   | 2121       | 2126     | 2135      | rBV   | 652862      | 1055669    | 16.73%       | 2.615%     |
| 19     | 15.668   | 2135       | 2139     | 2142      | rBV   | 93166       | 107398     | 1.70%        | 0.266%     |
| 20     | 17.209   | 2394       | 2401     | 2411      | rBV2  | 1331952     | 1909076    | 30.26%       | 4.729%     |
| 21     | 17.309   | 2411       | 2418     | 2435      | rVV   | 2446314     | 3693119    | 58.53%       | 9.147%     |
| 22     | 17.862   | 2507       | 2512     | 2519      | rVB   | 487200      | 601431     | 9.53%        | 1.490%     |
| 23     | 19.362   | 2763       | 2767     | 2771      | rBV5  | 42886       | 66214      | 1.05%        | 0.164%     |
| 24     | 19.603   | 2801       | 2808     | 2817      | rBV   | 3628878     | 4871018    | 77.20%       | 12.065%    |
| 25     | 21.386   | 3106       | 3111     | 3119      | rBV   | 1855363     | 2637656    | 41.80%       | 6.533%     |
| 26     | 23.550   | 3472       | 3479     | 3490      | rVB2  | 3282077     | 6309560    | 100.00%      | 15.628%    |
| 27     | 23.697   | 3498       | 3504     | 3514      | rVB   | 1660023     | 3153909    | 49.99%       | 7.812%     |

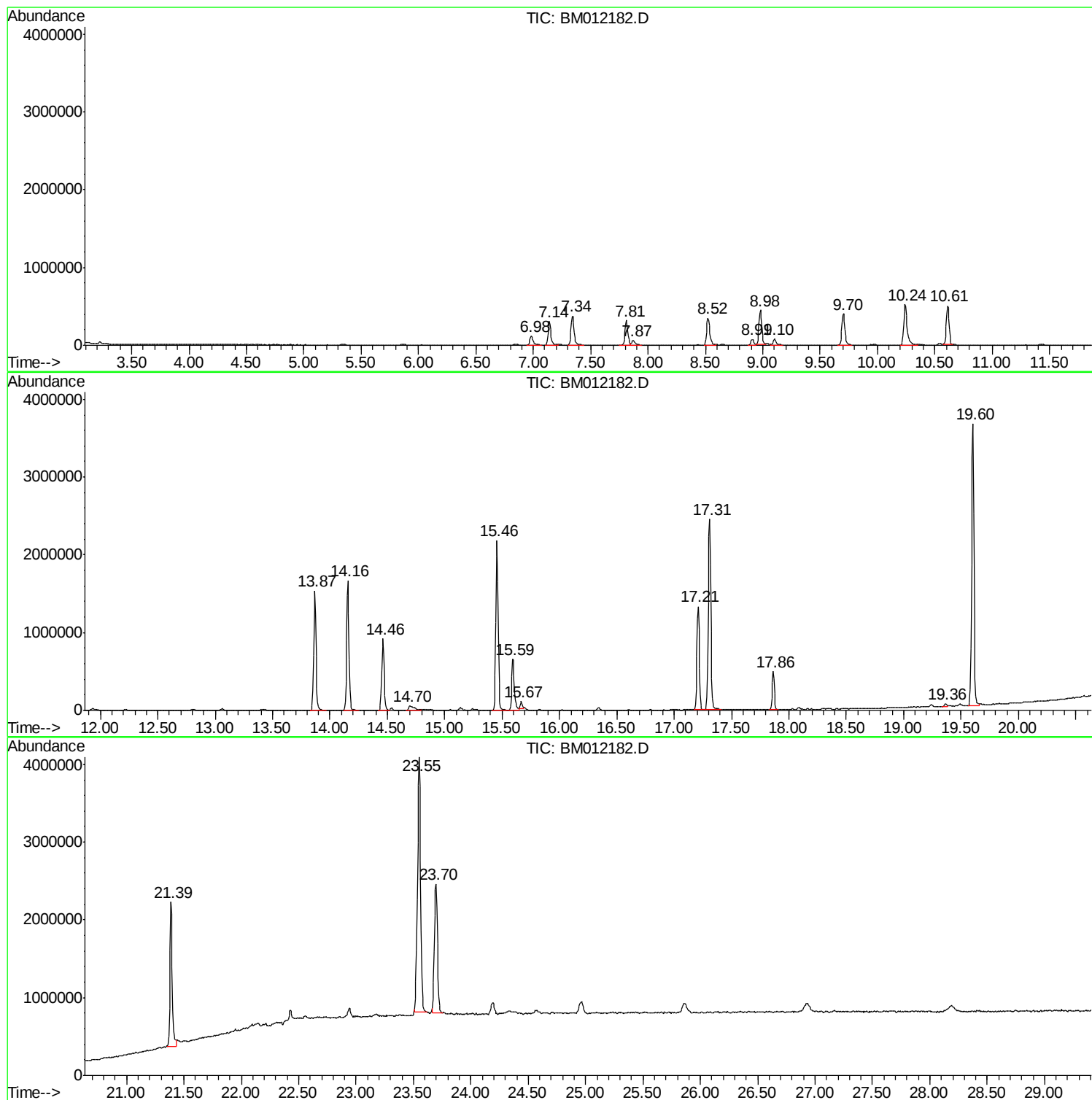
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ClientSampleId :  
C0AG6

Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

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



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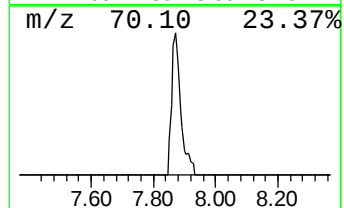
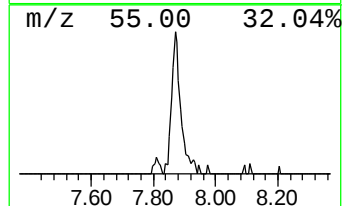
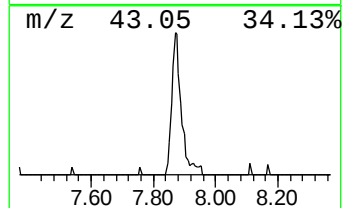
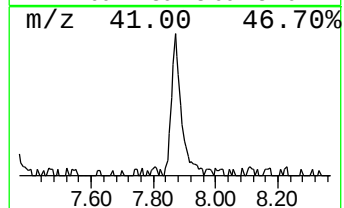
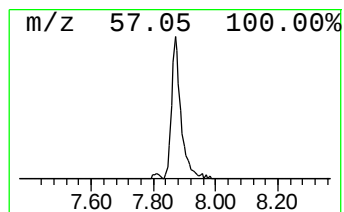
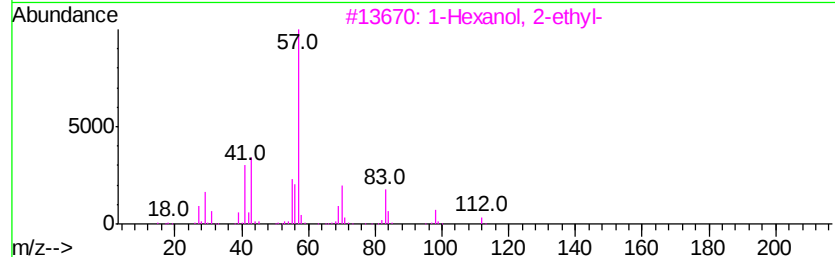
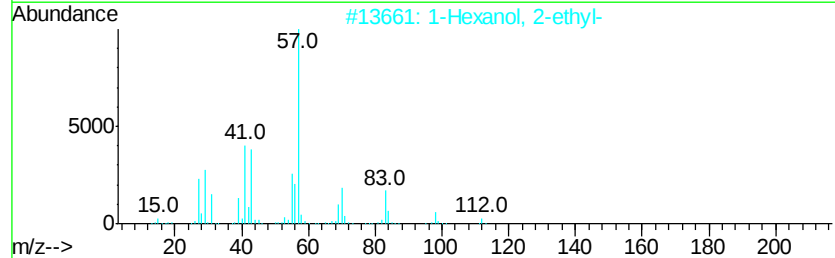
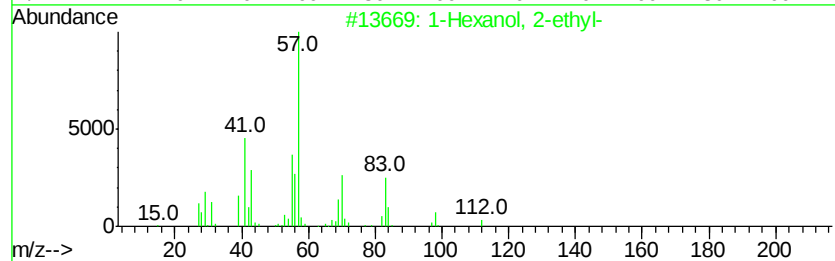
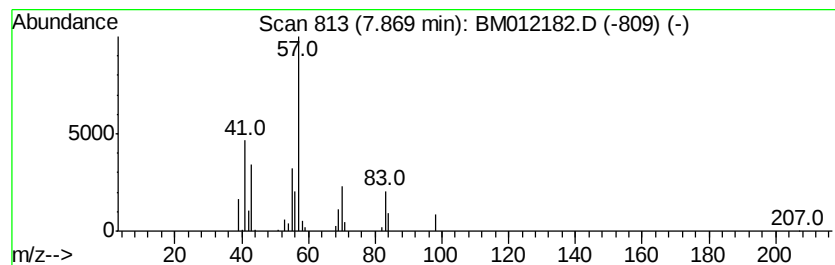
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 3

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 7.87 | 4.84 ng/ul | 133117 | 1,4-Dichlorobenzene-d4 | 7.81 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 83   |
| 2    |    |   | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 78   |
| 3    |    |   | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 72   |
| 4    |    |   | 2-Propyl-1-pentanol           | 130 | C8H18O  | 058175-57-8 | 64   |
| 5    |    |   | 1-Pentanol, 2-ethyl-4-methyl- | 130 | C8H18O  | 000106-67-2 | 64   |



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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM101217.M  
Quant Title : SVOA CALIBRATION

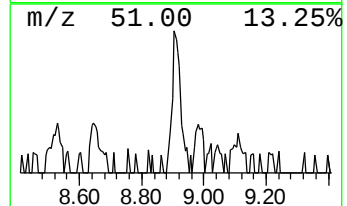
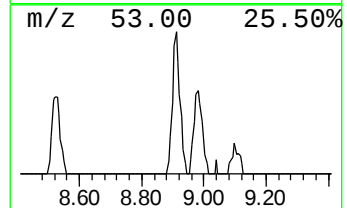
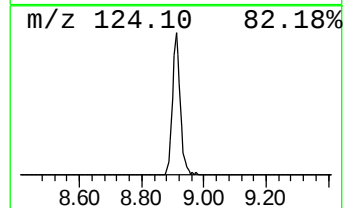
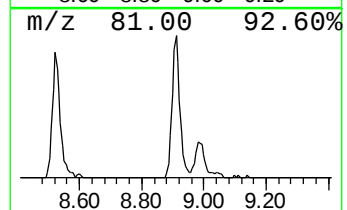
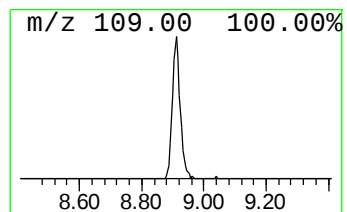
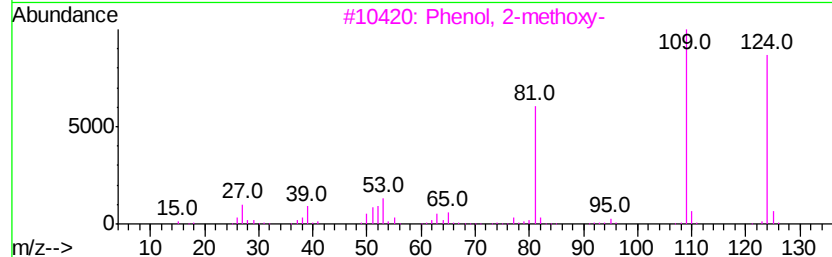
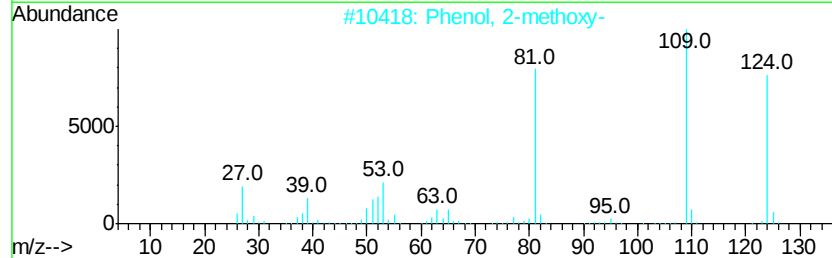
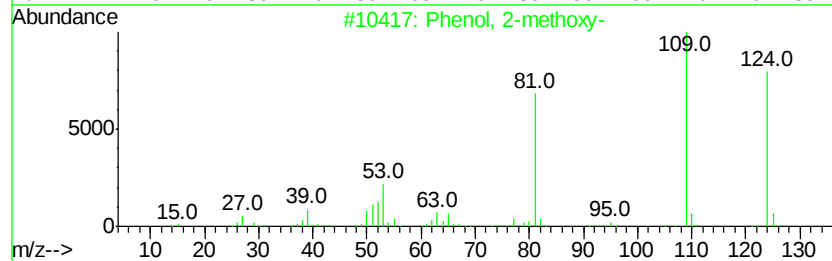
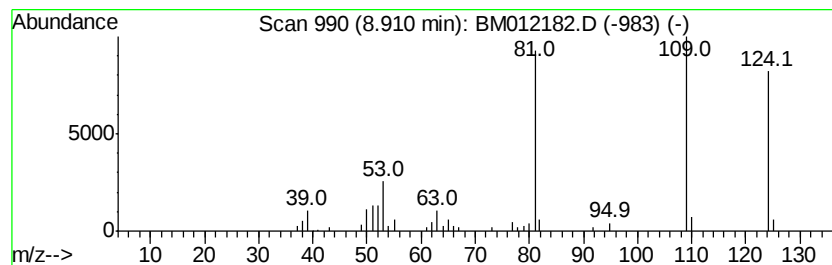
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Phenol, 2-methoxy- Concentration Rank 4

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 8.91 | 4.75 ng/ul | 130705 | 1,4-Dichlorobenzene-d4 | 7.81 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------|-----|---------|-------------|------|
| 1    | 5  | Phenol, 2-methoxy- | 124 | C7H8O2  | 000090-05-1 | 97   |
| 2    |    | Phenol, 2-methoxy- | 124 | C7H8O2  | 000090-05-1 | 97   |
| 3    |    | Phenol, 2-methoxy- | 124 | C7H8O2  | 000090-05-1 | 91   |
| 4    |    | Mequinol           | 124 | C7H8O2  | 000150-76-5 | 91   |
| 5    |    | Mequinol           | 124 | C7H8O2  | 000150-76-5 | 76   |



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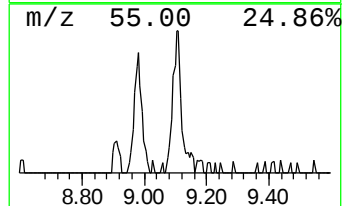
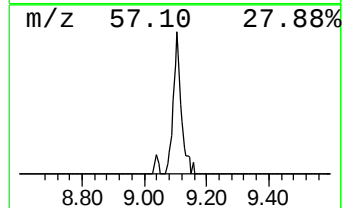
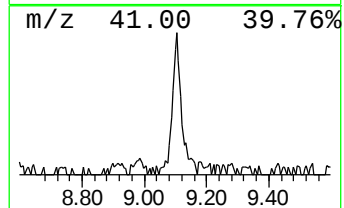
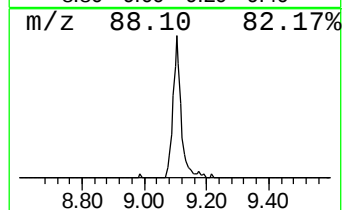
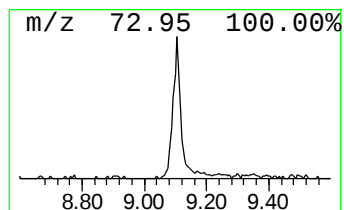
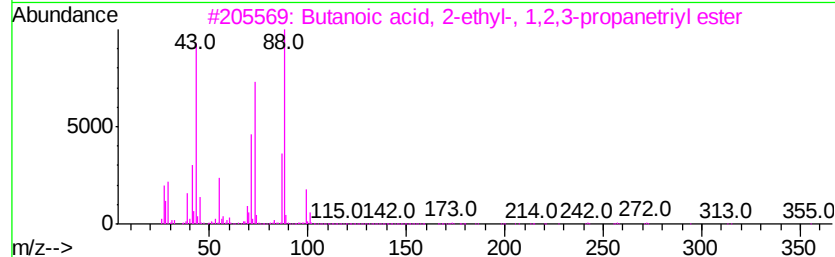
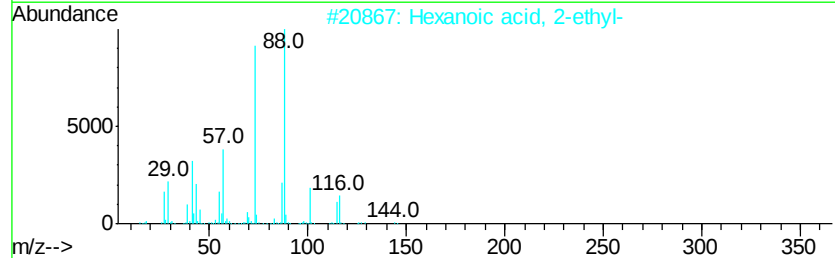
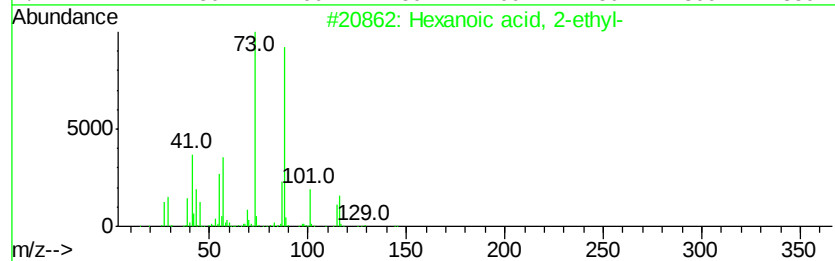
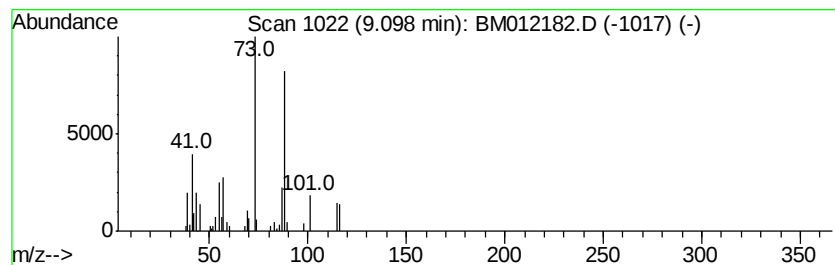
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 2

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 9.10 | 5.03 ng/ul | 138269 | 1,4-Dichlorobenzene-d4 | 7.81 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Hexanoic acid, 2-ethyl-             | 144 | C8H16O2  | 000149-57-5 | 83   |
| 2    |    | Hexanoic acid, 2-ethyl-             | 144 | C8H16O2  | 000149-57-5 | 64   |
| 3    |    | Butanoic acid, 2-ethyl-, 1,2,3-p... | 386 | C21H38O6 | 056554-54-2 | 53   |
| 4    |    | Hexanoic acid, 2-ethyl-             | 144 | C8H16O2  | 000149-57-5 | 47   |
| 5    |    | Heptanoic acid, 2-ethyl-            | 158 | C9H18O2  | 003274-29-1 | 42   |



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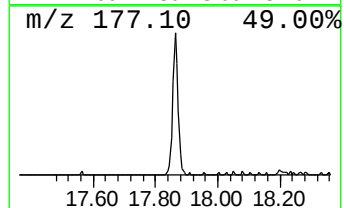
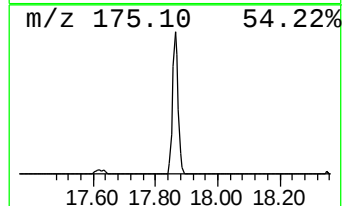
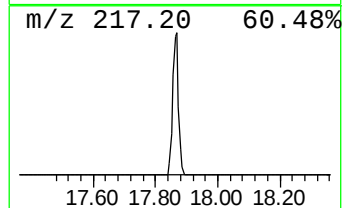
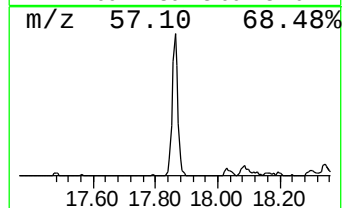
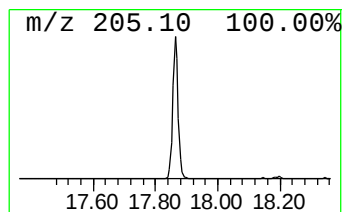
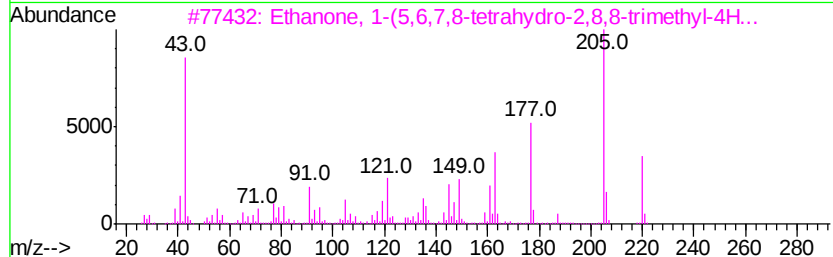
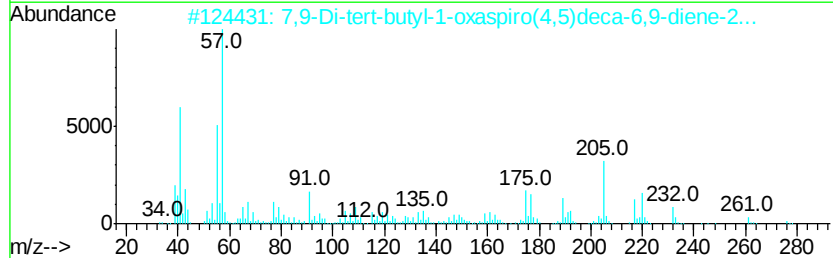
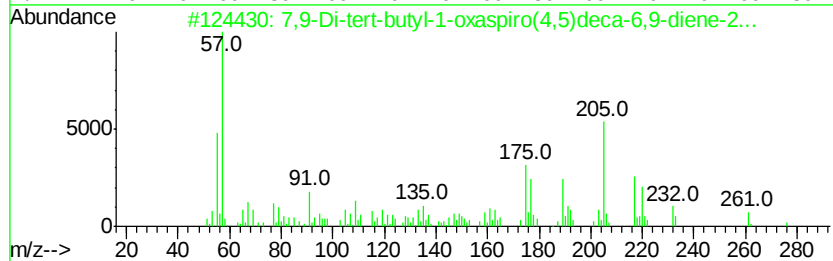
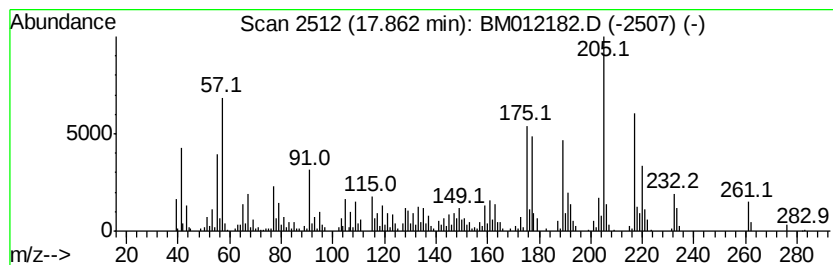
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Peak Number 4 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.        |      |      |
|---------|-------------------------------------|--------------|------------------|-------------|------|------|
| 17.86   | 6.30 ng/ul                          | 601431       | Phenanthrene-d10 | 17.21       |      |      |
| Hit# of | 5                                   | Tentative ID | MW               | MolForm     | CAS# | Qual |
| 1       | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276          | C17H24O3         | 082304-66-3 | 99   |      |
| 2       | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276          | C17H24O3         | 082304-66-3 | 97   |      |
| 3       | Ethanone, 1-(5,6,7,8-tetrahydro...  | 220          | C14H20O2         | 071596-88-8 | 46   |      |
| 4       | 2,5-Cyclohexadien-1-one, 2,6-bis... | 232          | C16H24O          | 006738-27-8 | 38   |      |
| 5       | Butylated Hydroxytoluene            | 220          | C15H24O          | 000128-37-0 | 38   |      |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 1-Hexanol, 2-ethyl-  | 7.87  | 4.8     | ng/ul | 133117   | 1                     | 7.81  | 549858  | 20.0 |
| Phenol, 2-methoxy-   | 8.91  | 4.8     | ng/ul | 130705   | 1                     | 7.81  | 549858  | 20.0 |
| Hexanoic acid, 2-... | 9.10  | 5.0     | ng/ul | 138269   | 1                     | 7.81  | 549858  | 20.0 |
| 7,9-Di-tert-butyl... | 17.86 | 6.3     | ng/ul | 601431   | 4                     | 17.21 | 1909080 | 20.0 |