

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM050516\  
 Data File : BM005269.D  
 Acq On : 06 May 2016 14:41  
 Operator : UM/SJ  
 Sample : H2813-07DL 10X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BC7R9DL

## 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\SOM02.2-EPA-BM050516.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         | 7.110       | 748           | 752         | 762          | rBV      | 19083          | 31929         | 1.46%           | 0.226%        |
| 2         | 7.310       | 782           | 786         | 797          | rVB      | 14782          | 25384         | 1.16%           | 0.180%        |
| 3         | 7.769       | 858           | 864         | 879          | rBV      | 297400         | 494567        | 22.62%          | 3.502%        |
| 4         | 8.140       | 921           | 927         | 934          | rVB      | 47303          | 77382         | 3.54%           | 0.548%        |
| 5         | 8.304       | 949           | 955         | 963          | rBV      | 73551          | 122937        | 5.62%           | 0.870%        |
| 6         | 8.934       | 1056          | 1062        | 1071         | rBV2     | 19546          | 37870         | 1.73%           | 0.268%        |
| 7         | 10.198      | 1272          | 1277        | 1286         | rBV2     | 21410          | 40761         | 1.86%           | 0.289%        |
| 8         | 10.557      | 1331          | 1338        | 1342         | rBV      | 483071         | 831312        | 38.02%          | 5.886%        |
| 9         | 10.610      | 1342          | 1347        | 1357         | rVV      | 862652         | 1471488       | 67.31%          | 10.419%       |
| 10        | 10.728      | 1359          | 1367        | 1377         | rVB      | 35850          | 62838         | 2.87%           | 0.445%        |
| 11        | 12.222      | 1614          | 1621        | 1630         | rBV      | 365914         | 576562        | 26.37%          | 4.082%        |
| 12        | 12.445      | 1647          | 1659        | 1667         | rBV      | 188809         | 300277        | 13.73%          | 2.126%        |
| 13        | 13.245      | 1789          | 1795        | 1803         | rBV      | 65709          | 98637         | 4.51%           | 0.698%        |
| 14        | 13.586      | 1846          | 1853        | 1859         | rVB4     | 17139          | 39873         | 1.82%           | 0.282%        |
| 15        | 13.727      | 1872          | 1877        | 1883         | rBV      | 27773          | 47284         | 2.16%           | 0.335%        |
| 16        | 13.786      | 1883          | 1887        | 1889         | rVV2     | 17118          | 22680         | 1.04%           | 0.161%        |
| 17        | 13.822      | 1889          | 1893        | 1900         | rVB      | 78790          | 106220        | 4.86%           | 0.752%        |
| 18        | 14.104      | 1935          | 1941        | 1952         | rBV      | 81564          | 137831        | 6.30%           | 0.976%        |
| 19        | 14.416      | 1985          | 1994        | 2000         | rBV2     | 819784         | 1319541       | 60.36%          | 9.343%        |
| 20        | 14.474      | 2000          | 2004        | 2012         | rVB      | 310811         | 450568        | 20.61%          | 3.190%        |
| 21        | 14.810      | 2056          | 2061        | 2071         | rBV      | 160095         | 241233        | 11.03%          | 1.708%        |
| 22        | 15.404      | 2157          | 2162        | 2167         | rBV      | 126602         | 187302        | 8.57%           | 1.326%        |
| 23        | 15.463      | 2167          | 2172        | 2181         | rVB      | 186599         | 248666        | 11.37%          | 1.761%        |
| 24        | 17.162      | 2454          | 2461        | 2465         | rBV      | 1175150        | 1731520       | 79.20%          | 12.260%       |
| 25        | 17.204      | 2465          | 2468        | 2473         | rVV      | 288078         | 384190        | 17.57%          | 2.720%        |
| 26        | 17.257      | 2473          | 2477        | 2493         | rVB      | 142496         | 232945        | 10.65%          | 1.649%        |
| 27        | 17.568      | 2522          | 2530        | 2539         | rBV      | 35196          | 49699         | 2.27%           | 0.352%        |
| 28        | 19.221      | 2807          | 2811        | 2819         | rVB      | 30583          | 41424         | 1.89%           | 0.293%        |
| 29        | 19.556      | 2862          | 2868        | 2879         | rBV      | 190565         | 289313        | 13.23%          | 2.048%        |
| 30        | 21.356      | 3168          | 3174        | 3182         | rBV      | 1735829        | 2186256       | 100.00%         | 15.479%       |
| 31        | 23.486      | 3530          | 3536        | 3545         | rVB2     | 123208         | 229273        | 10.49%          | 1.623%        |
| 32        | 23.633      | 3553          | 3561        | 3571         | rVB      | 1039343        | 2005901       | 91.75%          | 14.202%       |

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BC7R9DL

Integration Parameters: LSCINT.P  
Integrator: RTE  
Smoothing : OFF Filtering: 5  
Sampling : 1 Min Area: 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:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM050516.M  
Title : SVOA CALIBRATION

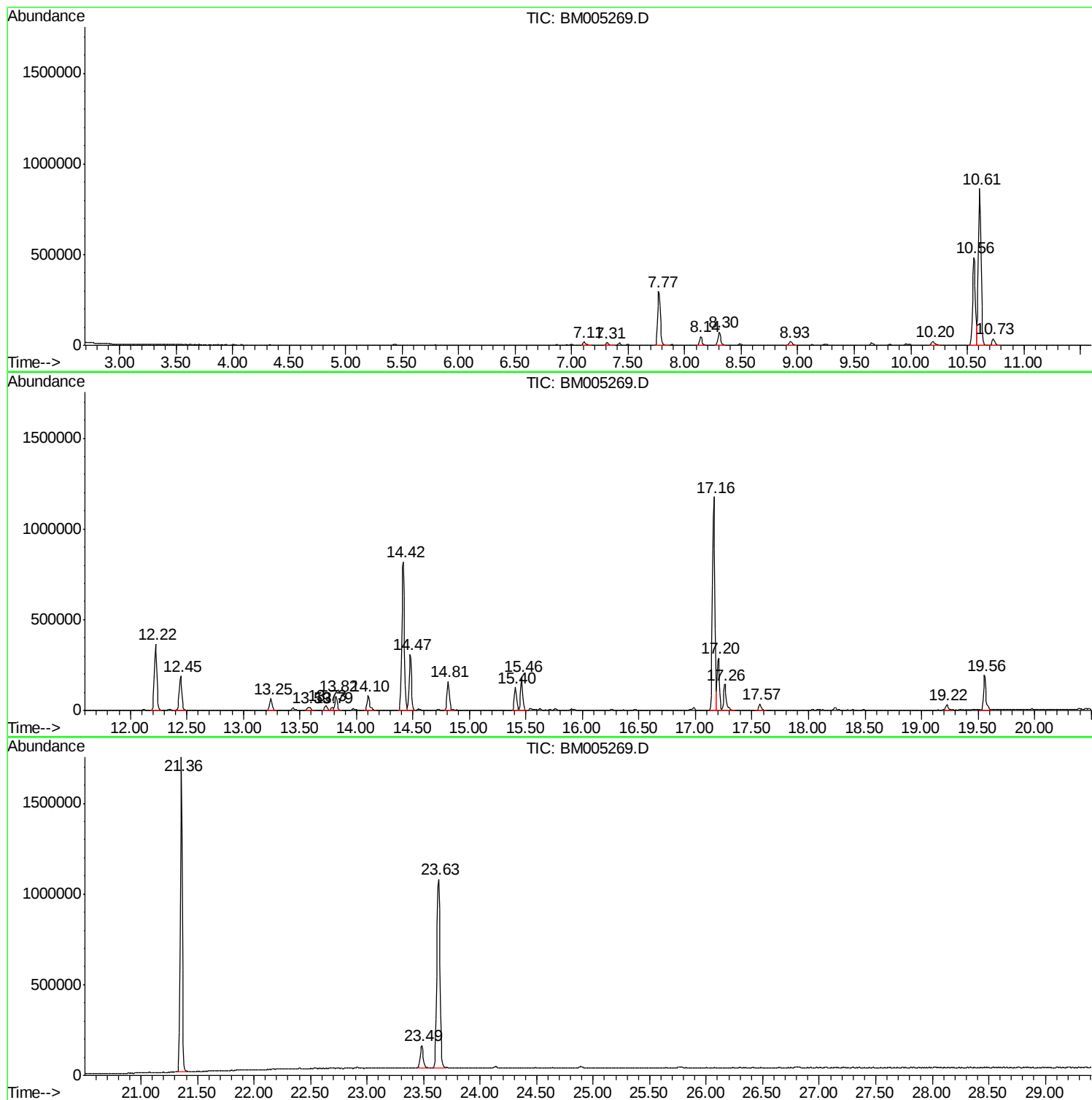
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Instrument :  
BNA\_M  
ClientSampled :  
BC7R9DL

Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM050516.M  
Quant Title : SVOA CALIBRATION

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



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ClientSampleId :  
BC7R9DL

Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM050516.M  
Quant Title : SVOA CALIBRATION

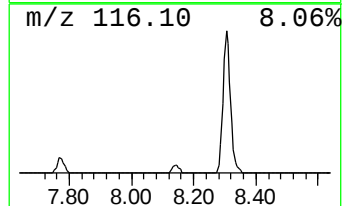
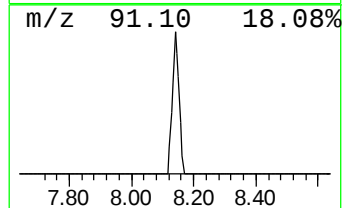
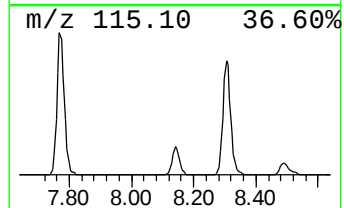
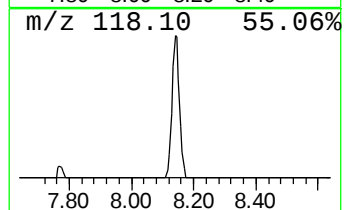
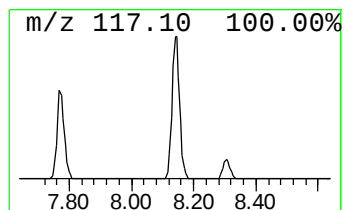
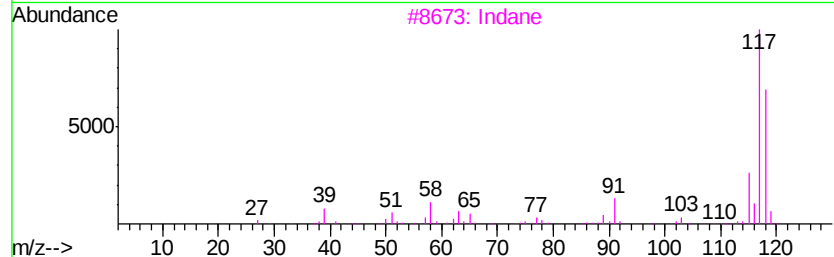
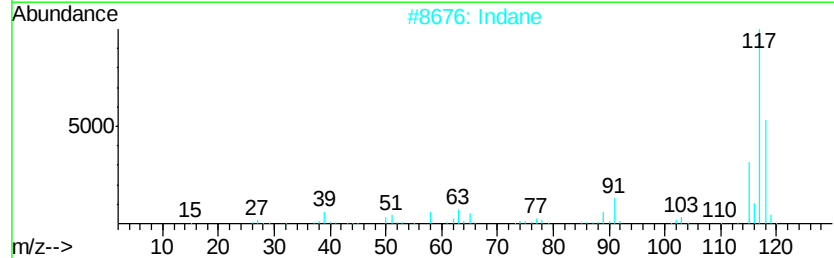
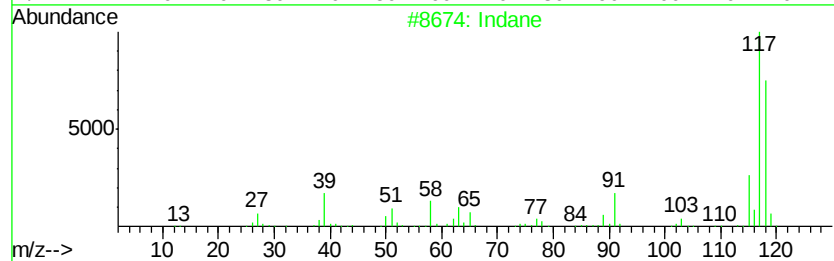
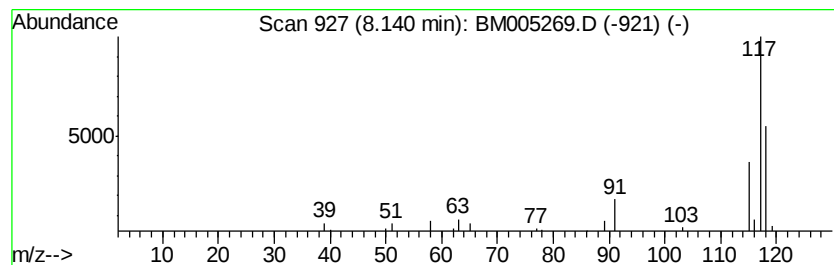
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Indane Concentration Rank 3

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 8.14 | 3.13 ng/ul | 77382 | 1,4-Dichlorobenzene-d4 | 7.77 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm | CAS#         | Qual |
|---------|-------------------------------------|--------------|-----|---------|--------------|------|
| 1       | Indane                              |              | 118 | C9H10   | 000496-11-7  | 87   |
| 2       | Indane                              |              | 118 | C9H10   | 000496-11-7  | 83   |
| 3       | Indane                              |              | 118 | C9H10   | 000496-11-7  | 72   |
| 4       | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... |              | 118 | C9H10   | 1000191-13-7 | 72   |
| 5       | Deltacyclene                        |              | 118 | C9H10   | 007785-10-6  | 59   |



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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM050516.M  
Quant Title : SVOA CALIBRATION

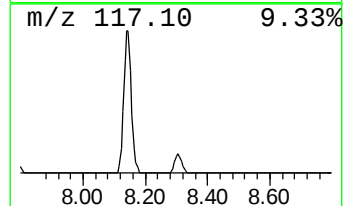
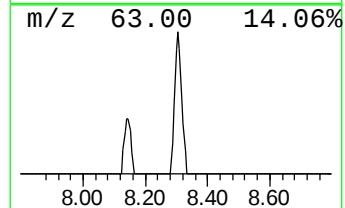
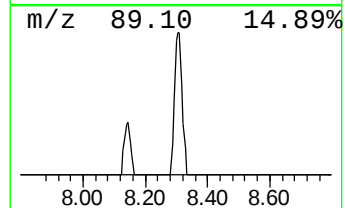
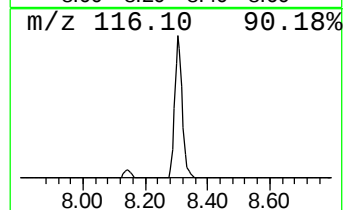
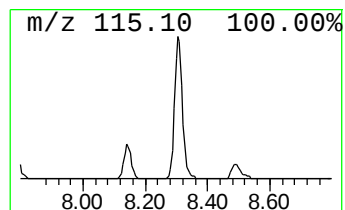
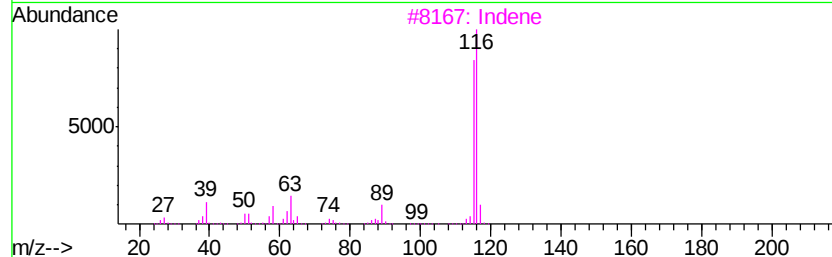
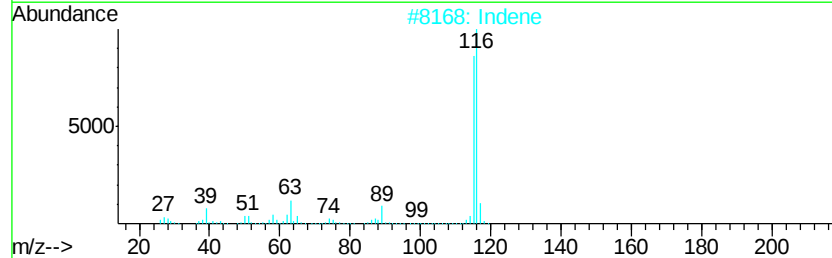
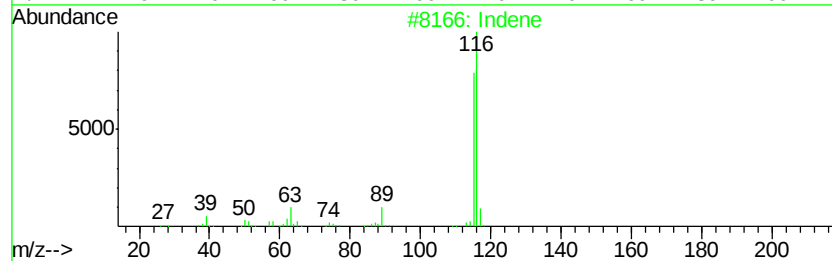
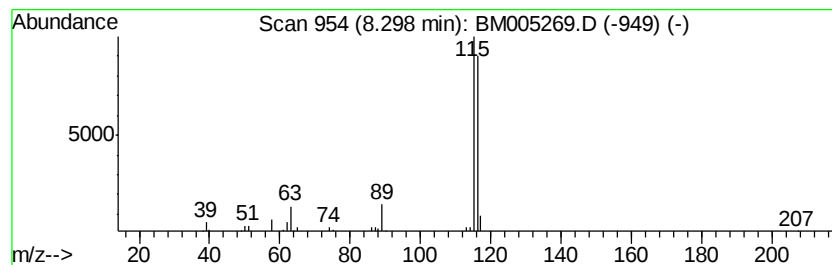
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Indene Concentration Rank 2

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 8.30 | 4.97 ng/ul | 122937 | 1,4-Dichlorobenzene-d4 | 7.77 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Indene                    | 116 | C9H8    | 000095-13-6 | 95   |
| 2    |    | Indene                    | 116 | C9H8    | 000095-13-6 | 94   |
| 3    |    | Indene                    | 116 | C9H8    | 000095-13-6 | 93   |
| 4    |    | Benzene, 1,2-propadienyl- | 116 | C9H8    | 002327-99-3 | 91   |
| 5    |    | Benzene, 1-propynyl-      | 116 | C9H8    | 000673-32-5 | 91   |



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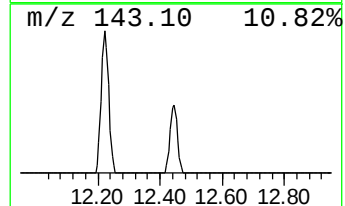
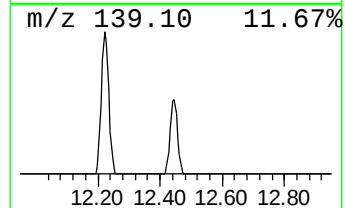
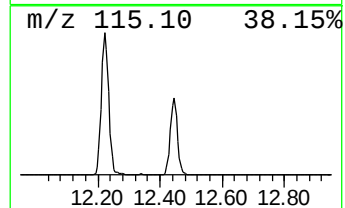
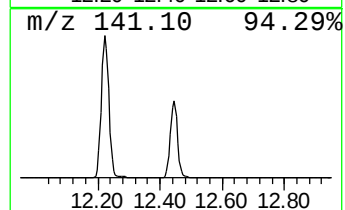
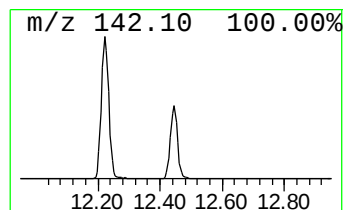
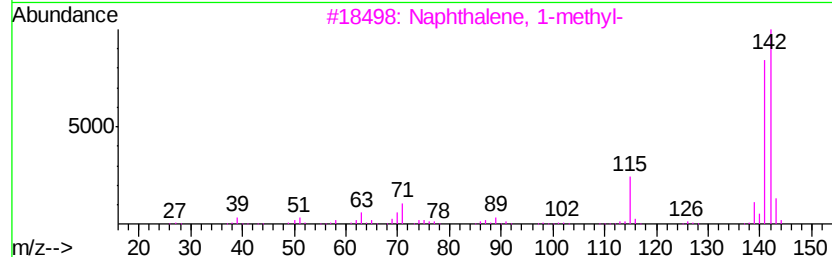
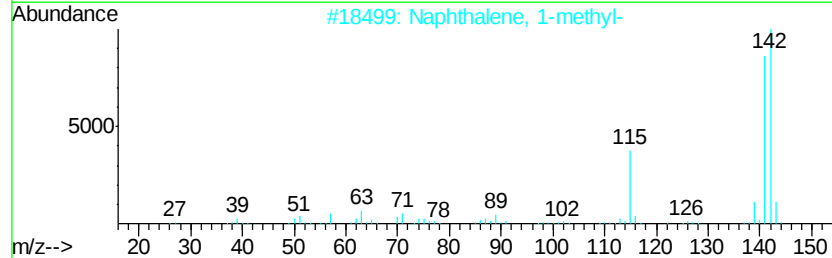
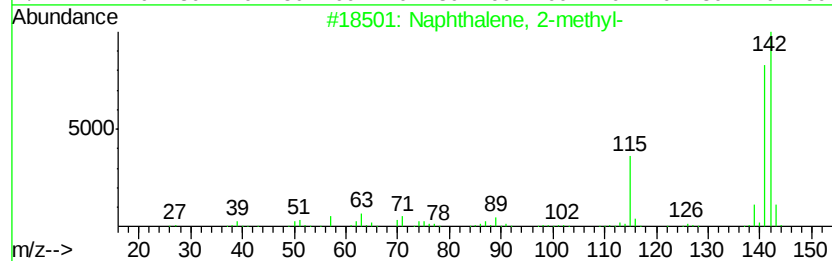
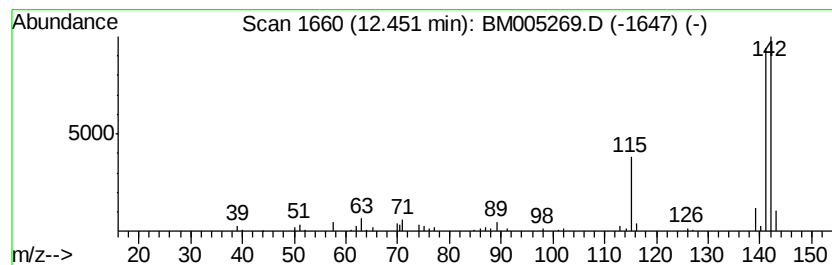
Instrument :  
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ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM050516.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

| R.T.    | EstConc    | Area                   | Relative to ISTD | R.T.    |             |      |
|---------|------------|------------------------|------------------|---------|-------------|------|
| 12.45   | 7.22 ng/ul | 300277                 | Naphthalene-d8   | 10.56   |             |      |
| Hit# of | 5          | Tentative ID           | MW               | MolForm | CAS#        | Qual |
| 1       |            | Naphthalene, 2-methyl- | 142              | C11H10  | 000091-57-6 | 96   |
| 2       |            | Naphthalene, 1-methyl- | 142              | C11H10  | 000090-12-0 | 96   |
| 3       |            | Naphthalene, 1-methyl- | 142              | C11H10  | 000090-12-0 | 94   |
| 4       |            | Naphthalene, 1-methyl- | 142              | C11H10  | 000090-12-0 | 91   |
| 5       |            | Benzocycloheptatriene  | 142              | C11H10  | 000264-09-5 | 91   |



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ClientSampleId :  
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Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Indane               | 8.14  | 3.1     | ng/ul | 77382    | 1                     | 7.77  | 494567 | 20.0 |
| Indene               | 8.30  | 5.0     | ng/ul | 122937   | 1                     | 7.77  | 494567 | 20.0 |
| Naphthalene, 1-me... | 12.45 | 7.2     | ng/ul | 300277   | 2                     | 10.56 | 831312 | 20.0 |