

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\  
 Data File : BM028934.D  
 Acq On : 27 Feb 2021 00:14  
 Operator : CG/JU  
 Sample : M1482-10DL 10X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBGN1DL

## 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-BM022721MA.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      | 7.116    | 698        | 702      | 708       | rBB   | 3766        | 5335       | 0.75%        | 0.210%     |
| 2      | 7.310    | 731        | 735      | 740       | rBB2  | 2917        | 3956       | 0.55%        | 0.156%     |
| 3      | 7.769    | 808        | 813      | 822       | rBB   | 62227       | 95166      | 13.32%       | 3.745%     |
| 4      | 8.140    | 872        | 876      | 880       | rBB   | 3519        | 4742       | 0.66%        | 0.187%     |
| 5      | 8.304    | 899        | 904      | 911       | rBB   | 22685       | 34397      | 4.81%        | 1.354%     |
| 6      | 8.510    | 936        | 939      | 945       | rBB   | 1403        | 2235       | 0.31%        | 0.088%     |
| 7      | 8.951    | 1010       | 1014     | 1020      | rBB   | 4461        | 6635       | 0.93%        | 0.261%     |
| 8      | 9.263    | 1061       | 1067     | 1071      | rBB2  | 1505        | 2597       | 0.36%        | 0.102%     |
| 9      | 9.675    | 1133       | 1137     | 1141      | rBB   | 2984        | 3727       | 0.52%        | 0.147%     |
| 10     | 10.216   | 1225       | 1229     | 1234      | rBB   | 4197        | 5812       | 0.81%        | 0.229%     |
| 11     | 10.575   | 1283       | 1290     | 1293      | rBV   | 87132       | 137634     | 19.26%       | 5.417%     |
| 12     | 10.628   | 1293       | 1299     | 1306      | rVB   | 452407      | 714430     | 100.00%      | 28.116%    |
| 13     | 10.745   | 1313       | 1319     | 1325      | rBB   | 22973       | 35263      | 4.94%        | 1.388%     |
| 14     | 12.139   | 1552       | 1556     | 1559      | rBB   | 1015        | 1348       | 0.19%        | 0.053%     |
| 15     | 12.245   | 1571       | 1574     | 1578      | rBB2  | 1612        | 2215       | 0.31%        | 0.087%     |
| 16     | 12.369   | 1592       | 1595     | 1598      | rBB   | 579         | 740        | 0.10%        | 0.029%     |
| 17     | 12.463   | 1602       | 1611     | 1617      | rBB   | 34059       | 50185      | 7.02%        | 1.975%     |
| 18     | 13.263   | 1743       | 1747     | 1753      | rBB   | 12970       | 16676      | 2.33%        | 0.656%     |
| 19     | 13.457   | 1777       | 1780     | 1786      | rBB2  | 732         | 1227       | 0.17%        | 0.048%     |
| 20     | 13.757   | 1826       | 1831     | 1834      | rBB   | 1567        | 2382       | 0.33%        | 0.094%     |
| 21     | 13.810   | 1837       | 1840     | 1843      | rBV   | 795         | 1033       | 0.14%        | 0.041%     |
| 22     | 13.851   | 1843       | 1847     | 1852      | rVB   | 16200       | 19612      | 2.75%        | 0.772%     |
| 23     | 14.127   | 1889       | 1894     | 1903      | rBB2  | 13248       | 20309      | 2.84%        | 0.799%     |
| 24     | 14.433   | 1940       | 1946     | 1952      | rBB   | 135644      | 191620     | 26.82%       | 7.541%     |
| 25     | 14.498   | 1952       | 1957     | 1963      | rBB   | 71384       | 96832      | 13.55%       | 3.811%     |
| 26     | 14.580   | 1966       | 1971     | 1977      | rBB   | 19617       | 26791      | 3.75%        | 1.054%     |
| 27     | 14.833   | 2009       | 2014     | 2018      | rBV   | 31446       | 43527      | 6.09%        | 1.713%     |
| 28     | 14.869   | 2018       | 2020     | 2026      | rVB   | 7765        | 10107      | 1.41%        | 0.398%     |
| 29     | 15.427   | 2111       | 2115     | 2120      | rBB   | 22227       | 29197      | 4.09%        | 1.149%     |
| 30     | 15.486   | 2120       | 2125     | 2130      | rBB   | 30065       | 39597      | 5.54%        | 1.558%     |
| 31     | 15.580   | 2138       | 2141     | 2144      | rBV   | 2308        | 2695       | 0.38%        | 0.106%     |
| 32     | 15.604   | 2144       | 2145     | 2148      | rVB2  | 1032        | 822        | 0.12%        | 0.032%     |
| 33     | 15.780   | 2172       | 2175     | 2178      | rBB   | 759         | 948        | 0.13%        | 0.037%     |
| 34     | 15.927   | 2197       | 2200     | 2205      | rBB   | 1258        | 1771       | 0.25%        | 0.070%     |

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Max Peaks: 100  
Peak Location: TOP

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Peak separation: 5

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Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 16.168 | 2238 | 2241 | 2246 | rBB  | 1899   | 2669   | 0.37%  | 0.105% |
| 36 | 16.845 | 2352 | 2356 | 2361 | rBB  | 2207   | 2380   | 0.33%  | 0.094% |
| 37 | 16.998 | 2379 | 2382 | 2386 | rVB  | 878    | 1161   | 0.16%  | 0.046% |
| 38 | 17.180 | 2407 | 2413 | 2417 | rBV  | 165381 | 220419 | 30.85% | 8.675% |
| 39 | 17.215 | 2417 | 2419 | 2424 | rVV  | 18753  | 23438  | 3.28%  | 0.922% |
| 40 | 17.274 | 2424 | 2429 | 2434 | rVV2 | 25121  | 33539  | 4.69%  | 1.320% |
| 41 | 17.315 | 2434 | 2436 | 2440 | rVB  | 788    | 876    | 0.12%  | 0.034% |
| 42 | 17.586 | 2477 | 2482 | 2490 | rVB  | 81198  | 109698 | 15.35% | 4.317% |
| 43 | 17.757 | 2508 | 2511 | 2515 | rVB  | 852    | 970    | 0.14%  | 0.038% |
| 44 | 18.021 | 2552 | 2556 | 2560 | rVB2 | 1155   | 1287   | 0.18%  | 0.051% |
| 45 | 18.062 | 2560 | 2563 | 2566 | rBV2 | 999    | 791    | 0.11%  | 0.031% |
| 46 | 18.098 | 2566 | 2569 | 2574 | rBV2 | 3568   | 4451   | 0.62%  | 0.175% |
| 47 | 18.186 | 2581 | 2584 | 2587 | rVB  | 796    | 742    | 0.10%  | 0.029% |
| 48 | 18.245 | 2590 | 2594 | 2598 | rVB2 | 776    | 1029   | 0.14%  | 0.040% |
| 49 | 18.351 | 2607 | 2612 | 2613 | rBV2 | 868    | 1371   | 0.19%  | 0.054% |
| 50 | 18.404 | 2618 | 2621 | 2625 | rVB2 | 1671   | 2009   | 0.28%  | 0.079% |
| 51 | 18.498 | 2633 | 2637 | 2643 | rBV2 | 1514   | 2506   | 0.35%  | 0.099% |
| 52 | 18.557 | 2645 | 2647 | 2653 | rVB2 | 814    | 932    | 0.13%  | 0.037% |
| 53 | 19.068 | 2730 | 2734 | 2735 | rBV2 | 657    | 896    | 0.13%  | 0.035% |
| 54 | 19.233 | 2757 | 2762 | 2764 | rBV2 | 818    | 1326   | 0.19%  | 0.052% |
| 55 | 19.562 | 2813 | 2818 | 2823 | rVV  | 30231  | 37931  | 5.31%  | 1.493% |
| 56 | 20.121 | 2911 | 2913 | 2915 | rBV3 | 646    | 757    | 0.11%  | 0.030% |
| 57 | 21.045 | 3068 | 3070 | 3072 | rBV3 | 1824   | 1585   | 0.22%  | 0.062% |
| 58 | 21.339 | 3115 | 3120 | 3127 | rBV  | 193971 | 226209 | 31.66% | 8.902% |
| 59 | 23.397 | 3465 | 3470 | 3476 | rVB  | 27235  | 45484  | 6.37%  | 1.790% |
| 60 | 23.539 | 3488 | 3494 | 3501 | rVB2 | 115532 | 204945 | 28.69% | 8.066% |

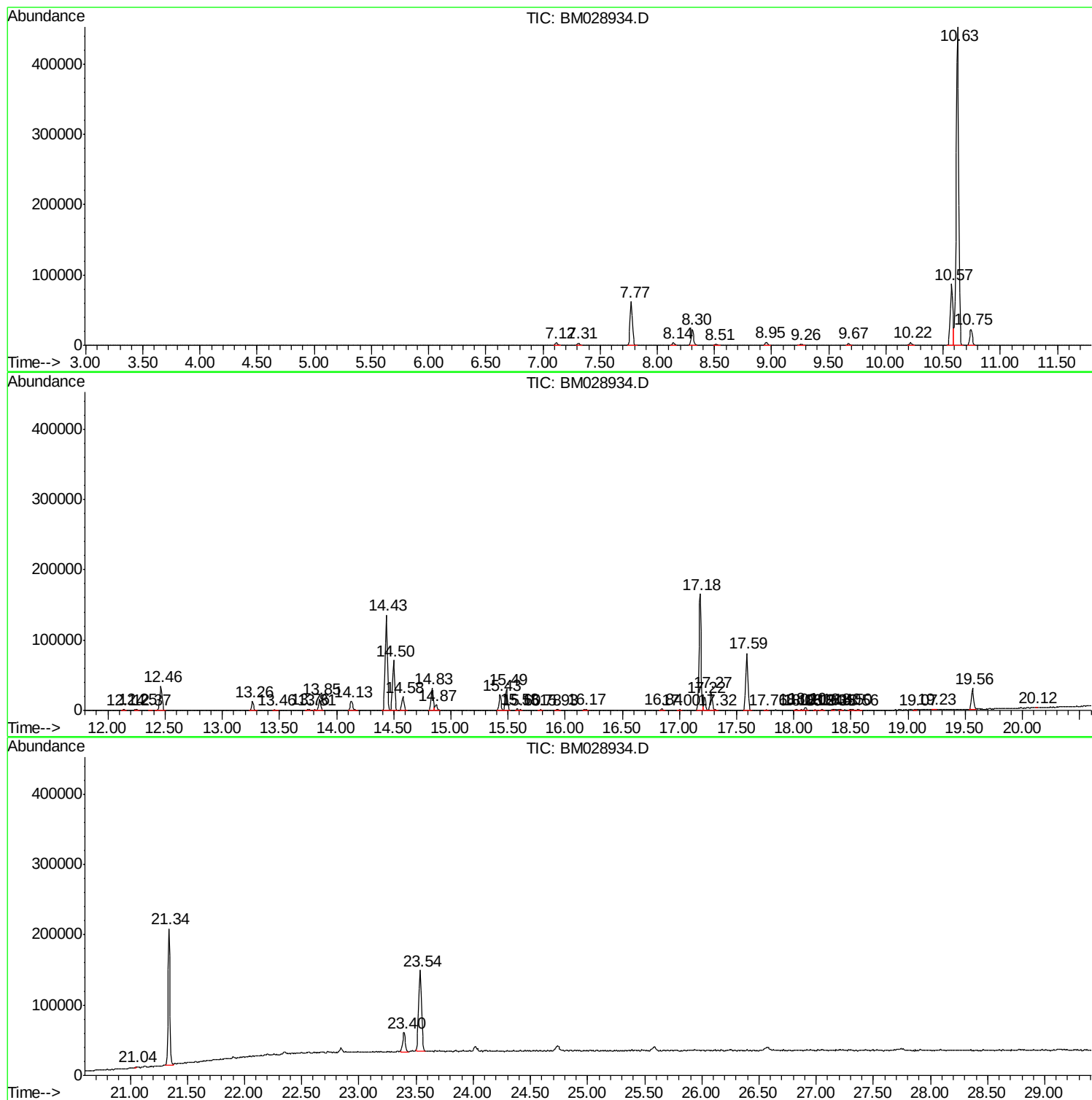
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM022721MA.M  
Quant Title : SVOA CALIBRATION

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



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Sample : M1482-10DL 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBGN1DL

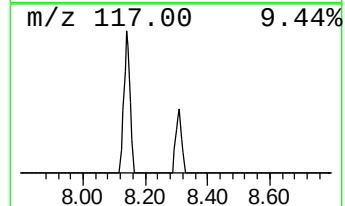
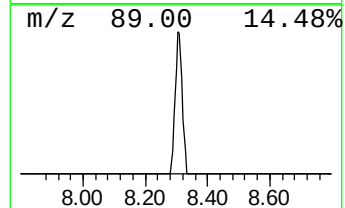
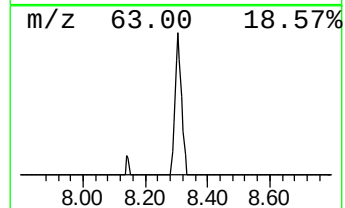
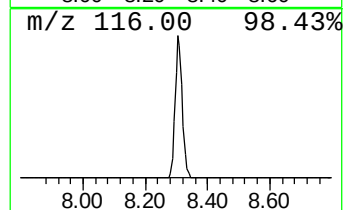
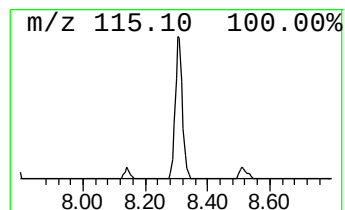
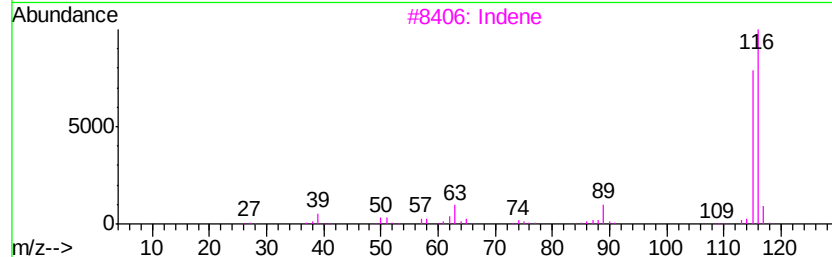
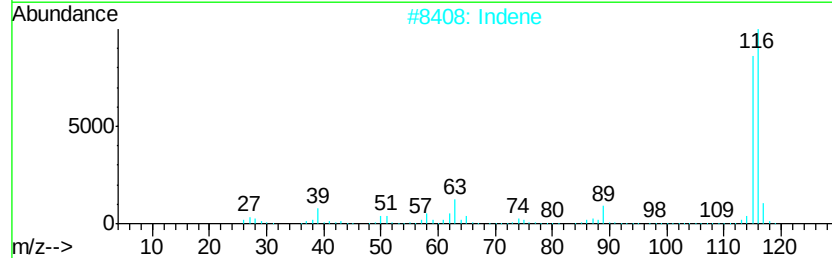
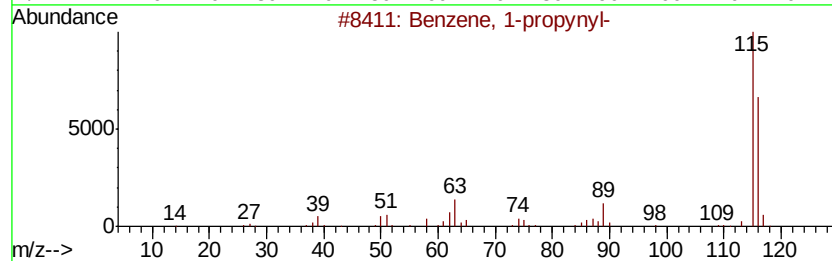
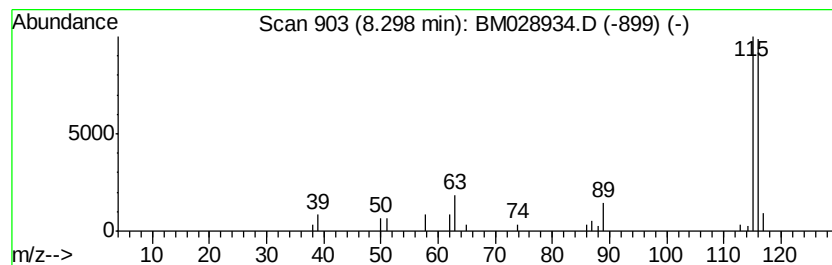
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM022721MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Benzene, 1-propynyl- Concentration Rank 2

| R.T. | EstConc    | Area  | Relative to ISTD       | R.T. |
|------|------------|-------|------------------------|------|
| 8.30 | 7.23 ng/ul | 34397 | 1,4-Dichlorobenzene-d4 | 7.77 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-propynyl- | 116 | C9H8    | 000673-32-5 | 91   |
| 2    |    |   | Indene               | 116 | C9H8    | 000095-13-6 | 91   |
| 3    |    |   | Indene               | 116 | C9H8    | 000095-13-6 | 91   |
| 4    |    |   | Benzene, 1-propynyl- | 116 | C9H8    | 000673-32-5 | 91   |
| 5    |    |   | 1-Propyne, 3-phenyl- | 116 | C9H8    | 010147-11-2 | 91   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM022721MA.M  
Quant Title : SVOA CALIBRATION

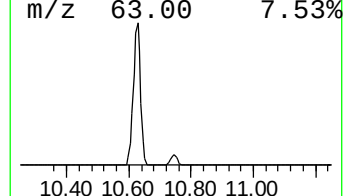
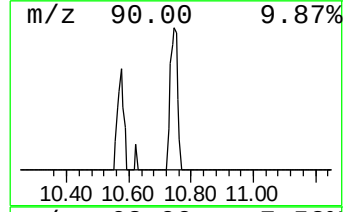
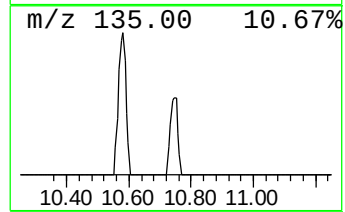
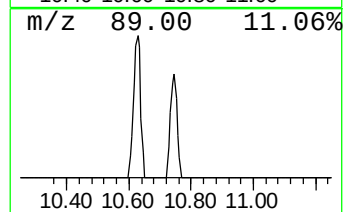
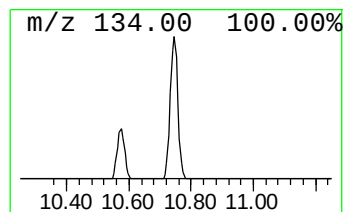
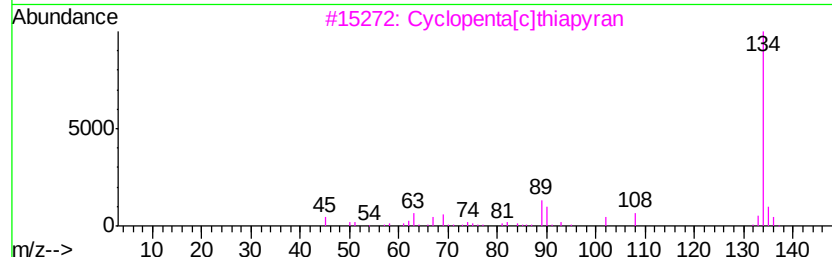
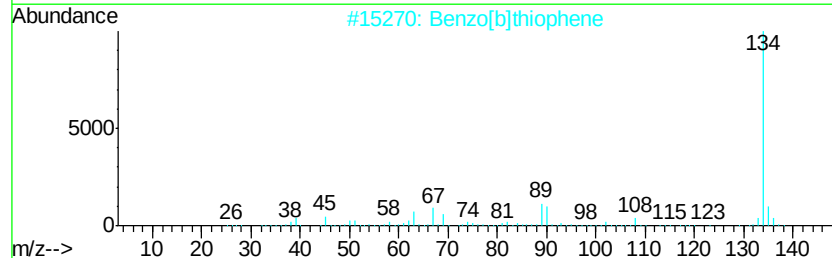
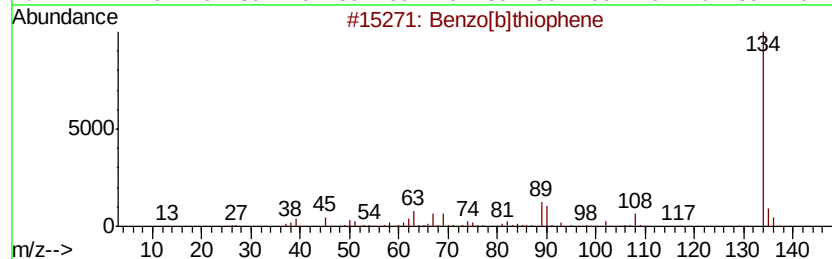
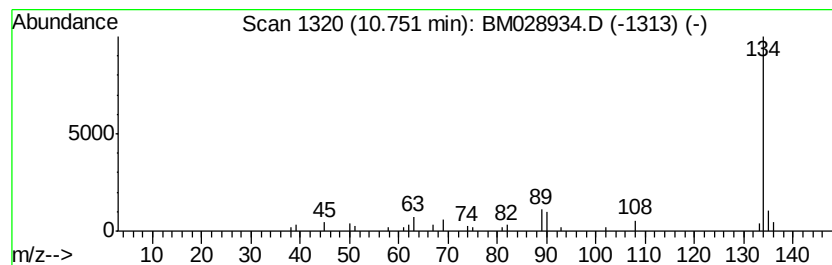
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Benzo[b]thiophene Concentration Rank 3

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 10.75 | 5.12 ng/ul | 35263 | Napthalene-d8    | 10.57 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 94   |
| 2    |    |   | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 94   |
| 3    |    |   | Cyclopenta[c]thiapyran | 134 | C8H6S   | 000270-63-3 | 91   |
| 4    |    |   | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 91   |
| 5    |    |   | Benzo[c]thiophene      | 134 | C8H6S   | 000270-82-6 | 91   |



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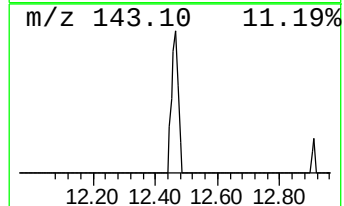
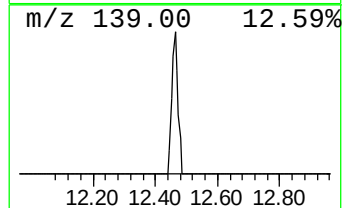
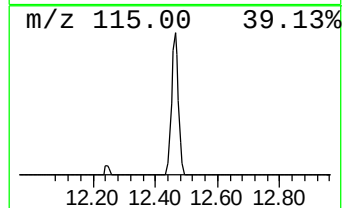
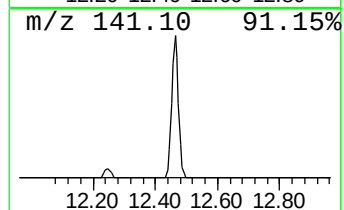
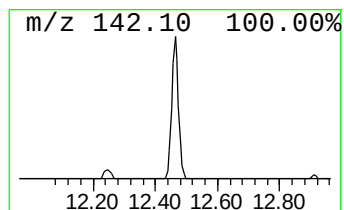
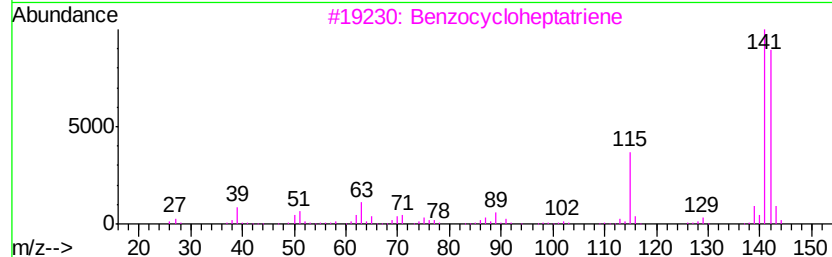
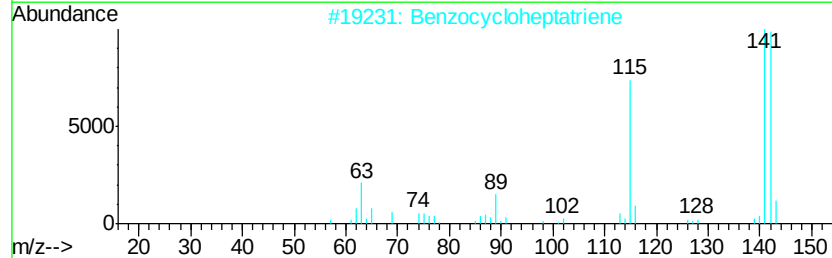
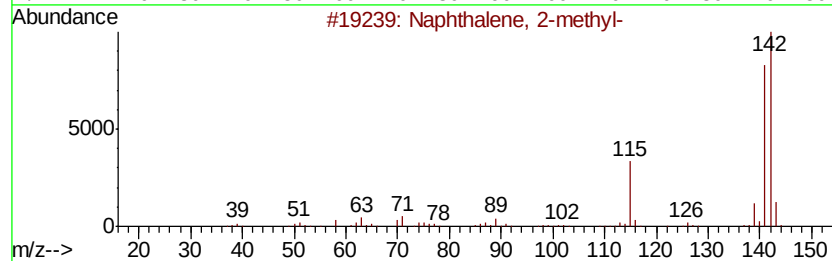
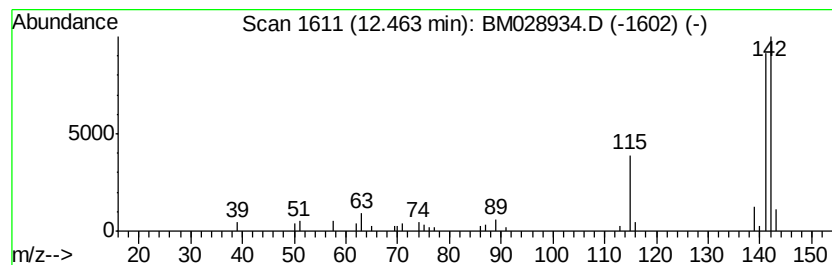
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM022721MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 3 Benzocycloheptatriene Concentration Rank 1

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 12.46 | 7.29 ng/ul | 50185 | Naphthalene-d8   | 10.57 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 93   |
| 2    |    | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 91   |
| 3    |    | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 91   |
| 4    |    | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 91   |
| 5    |    | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142 | C11H10  | 002443-46-1 | 91   |



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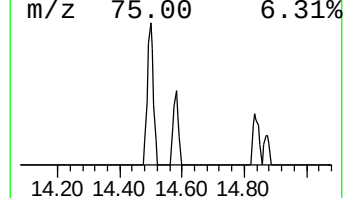
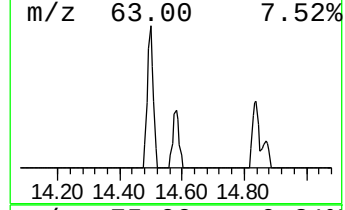
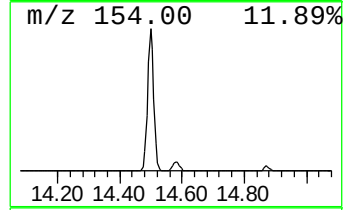
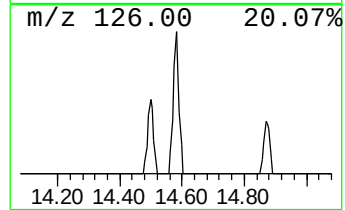
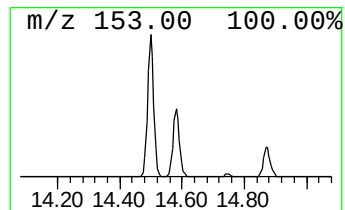
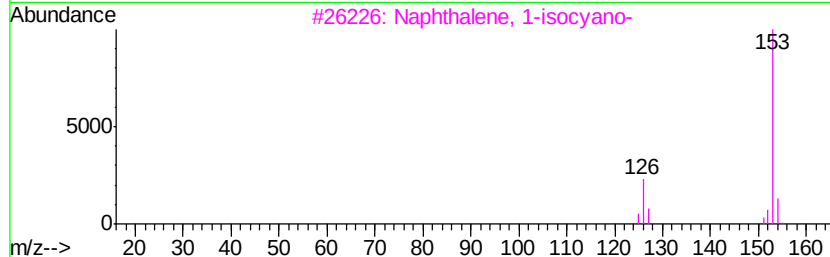
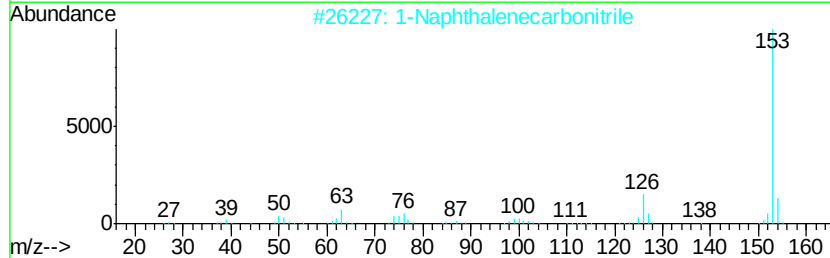
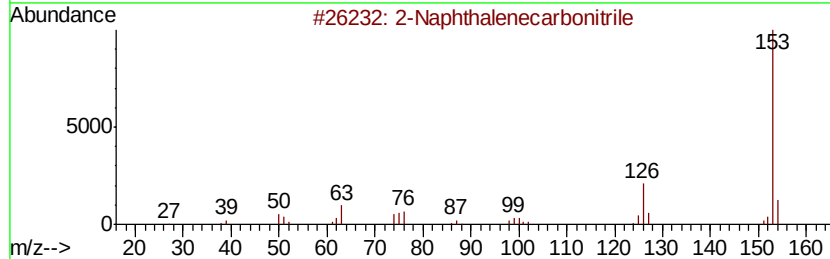
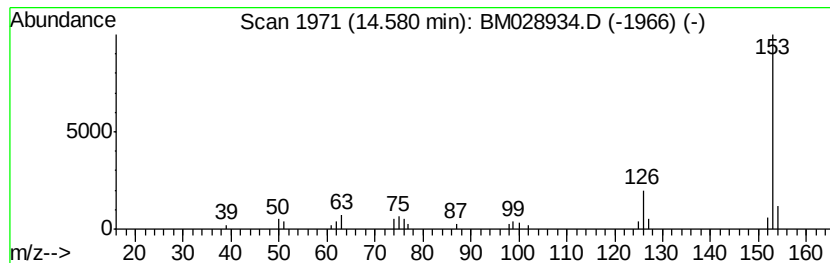
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM022721MA.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 2-Naphthalenecarbonitrile Concentration Rank 4

| R.T.  | EstConc    | Area  | Relative to ISTD | R.T.  |
|-------|------------|-------|------------------|-------|
| 14.58 | 2.80 ng/ul | 26791 | Acenaphthene-d10 | 14.43 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Naphthalenecarbonitrile | 153 | C11H7N  | 000613-46-7 | 91   |
| 2    |    |   | 1-Naphthalenecarbonitrile | 153 | C11H7N  | 000086-53-3 | 91   |
| 3    |    |   | Naphthalene, 1-isocvano-  | 153 | C11H7N  | 001984-04-9 | 90   |
| 4    |    |   | 1-Naphthalenecarbonitrile | 153 | C11H7N  | 000086-53-3 | 87   |
| 5    |    |   | 1-Naphthalenecarbonitrile | 153 | C11H7N  | 000086-53-3 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM022721\  
Data File : BM028934.D  
Acq On : 27 Feb 2021 00:14  
Operator : CG/JU  
Sample : M1482-10DL 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBGN1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM022721MA.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-propynyl- | 8.30  | 7.2     | ng/ul | 34397    | 1                     | 7.77  | 95166  | 20.0 |
| Benzo[b]thiophene    | 10.75 | 5.1     | ng/ul | 35263    | 2                     | 10.57 | 137634 | 20.0 |
| Benzocycloheptatr... | 12.46 | 7.3     | ng/ul | 50185    | 2                     | 10.57 | 137634 | 20.0 |
| 2-Naphthalenecarb... | 14.58 | 2.8     | ng/ul | 26791    | 3                     | 14.43 | 191620 | 20.0 |