

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\  
 Data File : BM021315.D  
 Acq On : 01 Jul 2019 18:40  
 Operator : HP/JU  
 Sample : K3578-04  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JLJHO

## 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-BM061419MA.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      | 3.275    | 47         | 49       | 56        | rVB2  | 45354       | 64599      | 0.89%        | 0.092%     |
| 2      | 4.399    | 236        | 240      | 250       | rVB   | 301812      | 415547     | 5.75%        | 0.595%     |
| 3      | 6.851    | 652        | 657      | 663       | rVB   | 179187      | 259314     | 3.59%        | 0.371%     |
| 4      | 6.928    | 664        | 670      | 680       | rVB   | 290503      | 467322     | 6.47%        | 0.669%     |
| 5      | 7.092    | 692        | 698      | 708       | rBV   | 918843      | 1437916    | 19.90%       | 2.059%     |
| 6      | 7.287    | 725        | 731      | 741       | rVB   | 1100277     | 1704940    | 23.60%       | 2.441%     |
| 7      | 7.751    | 804        | 810      | 817       | rBV   | 836655      | 1317057    | 18.23%       | 1.886%     |
| 8      | 8.457    | 924        | 930      | 945       | rVB   | 882208      | 1450409    | 20.07%       | 2.076%     |
| 9      | 8.916    | 1001       | 1008     | 1020      | rBV   | 1337626     | 2168897    | 30.02%       | 3.105%     |
| 10     | 9.275    | 1063       | 1069     | 1076      | rVB   | 93724       | 141567     | 1.96%        | 0.203%     |
| 11     | 9.633    | 1122       | 1130     | 1139      | rBV   | 1124907     | 1900461    | 26.30%       | 2.721%     |
| 12     | 10.163   | 1213       | 1220     | 1232      | rBV   | 1711703     | 3013437    | 41.71%       | 4.314%     |
| 13     | 10.539   | 1276       | 1284     | 1292      | rBV   | 1248840     | 2095240    | 29.00%       | 3.000%     |
| 14     | 10.698   | 1306       | 1311     | 1317      | rVB3  | 13312       | 19958      | 0.28%        | 0.029%     |
| 15     | 11.769   | 1487       | 1493     | 1499      | rVB   | 75195       | 113241     | 1.57%        | 0.162%     |
| 16     | 12.133   | 1550       | 1555     | 1564      | rVB   | 32400       | 49754      | 0.69%        | 0.071%     |
| 17     | 12.386   | 1595       | 1598     | 1604      | rVB   | 7115        | 10588      | 0.15%        | 0.015%     |
| 18     | 12.992   | 1695       | 1701     | 1710      | rBV5  | 4802        | 12265      | 0.17%        | 0.018%     |
| 19     | 13.351   | 1758       | 1762     | 1768      | rBV2  | 5281        | 8415       | 0.12%        | 0.012%     |
| 20     | 13.810   | 1828       | 1840     | 1851      | rBV   | 3460192     | 4804839    | 66.50%       | 6.879%     |
| 21     | 14.092   | 1878       | 1888     | 1899      | rBV   | 4030080     | 5875769    | 81.32%       | 8.412%     |
| 22     | 14.398   | 1930       | 1940     | 1953      | rVB2  | 1975697     | 3054354    | 42.27%       | 4.373%     |
| 23     | 14.621   | 1972       | 1978     | 1997      | rBV2  | 148983      | 330007     | 4.57%        | 0.472%     |
| 24     | 14.810   | 2006       | 2010     | 2017      | rBV5  | 9162        | 14874      | 0.21%        | 0.021%     |
| 25     | 15.339   | 2095       | 2100     | 2103      | rBV2  | 44507       | 55153      | 0.76%        | 0.079%     |
| 26     | 15.392   | 2103       | 2109     | 2118      | rVB   | 5142373     | 7225577    | 100.00%      | 10.344%    |
| 27     | 15.527   | 2126       | 2132     | 2145      | rBV   | 1161667     | 1684318    | 23.31%       | 2.411%     |
| 28     | 15.633   | 2145       | 2150     | 2156      | rVB   | 58816       | 86189      | 1.19%        | 0.123%     |
| 29     | 16.180   | 2236       | 2243     | 2246      | rBV4  | 11399       | 22277      | 0.31%        | 0.032%     |
| 30     | 16.221   | 2246       | 2250     | 2256      | rVB3  | 7823        | 11938      | 0.17%        | 0.017%     |
| 31     | 16.586   | 2307       | 2312     | 2318      | rBV   | 36466       | 47456      | 0.66%        | 0.068%     |
| 32     | 16.827   | 2350       | 2353     | 2356      | rVB4  | 6212        | 7639       | 0.11%        | 0.011%     |
| 33     | 16.933   | 2367       | 2371     | 2380      | rVB2  | 13718       | 24324      | 0.34%        | 0.035%     |
| 34     | 17.145   | 2401       | 2407     | 2414      | rBV2  | 2281450     | 3307225    | 45.77%       | 4.735%     |

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BNA\_M  
ClientSampleId :  
JLJH0

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Sampling : 1  
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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-BM061419MA.M  
Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 17.245 | 2418 | 2424 | 2435 | rVV  | 4737010 | 6976107 | 96.55% | 9.987% |
| 36 | 17.656 | 2490 | 2494 | 2499 | rBV  | 31221   | 38723   | 0.54%  | 0.055% |
| 37 | 18.033 | 2554 | 2558 | 2564 | rBV  | 54047   | 79495   | 1.10%  | 0.114% |
| 38 | 18.380 | 2614 | 2617 | 2618 | rBV3 | 11570   | 13426   | 0.19%  | 0.019% |
| 39 | 18.603 | 2651 | 2655 | 2660 | rVB  | 33103   | 40159   | 0.56%  | 0.057% |
| 40 | 19.174 | 2748 | 2752 | 2759 | rBV  | 61101   | 94765   | 1.31%  | 0.136% |
| 41 | 19.315 | 2772 | 2776 | 2783 | rBV5 | 44165   | 66991   | 0.93%  | 0.096% |
| 42 | 19.403 | 2788 | 2791 | 2793 | rVV2 | 33232   | 44687   | 0.62%  | 0.064% |
| 43 | 19.427 | 2793 | 2795 | 2800 | rVB  | 40839   | 48961   | 0.68%  | 0.070% |
| 44 | 19.545 | 2808 | 2815 | 2823 | rBV  | 4881623 | 6778712 | 93.82% | 9.705% |
| 45 | 20.103 | 2907 | 2910 | 2914 | rVB4 | 29422   | 36387   | 0.50%  | 0.052% |
| 46 | 21.333 | 3114 | 3119 | 3126 | rVB  | 2224792 | 2737081 | 37.88% | 3.919% |
| 47 | 23.462 | 3474 | 3481 | 3489 | rVB  | 3615592 | 6708899 | 92.85% | 9.605% |
| 48 | 23.603 | 3499 | 3505 | 3516 | rVB  | 1552135 | 2982344 | 41.27% | 4.270% |

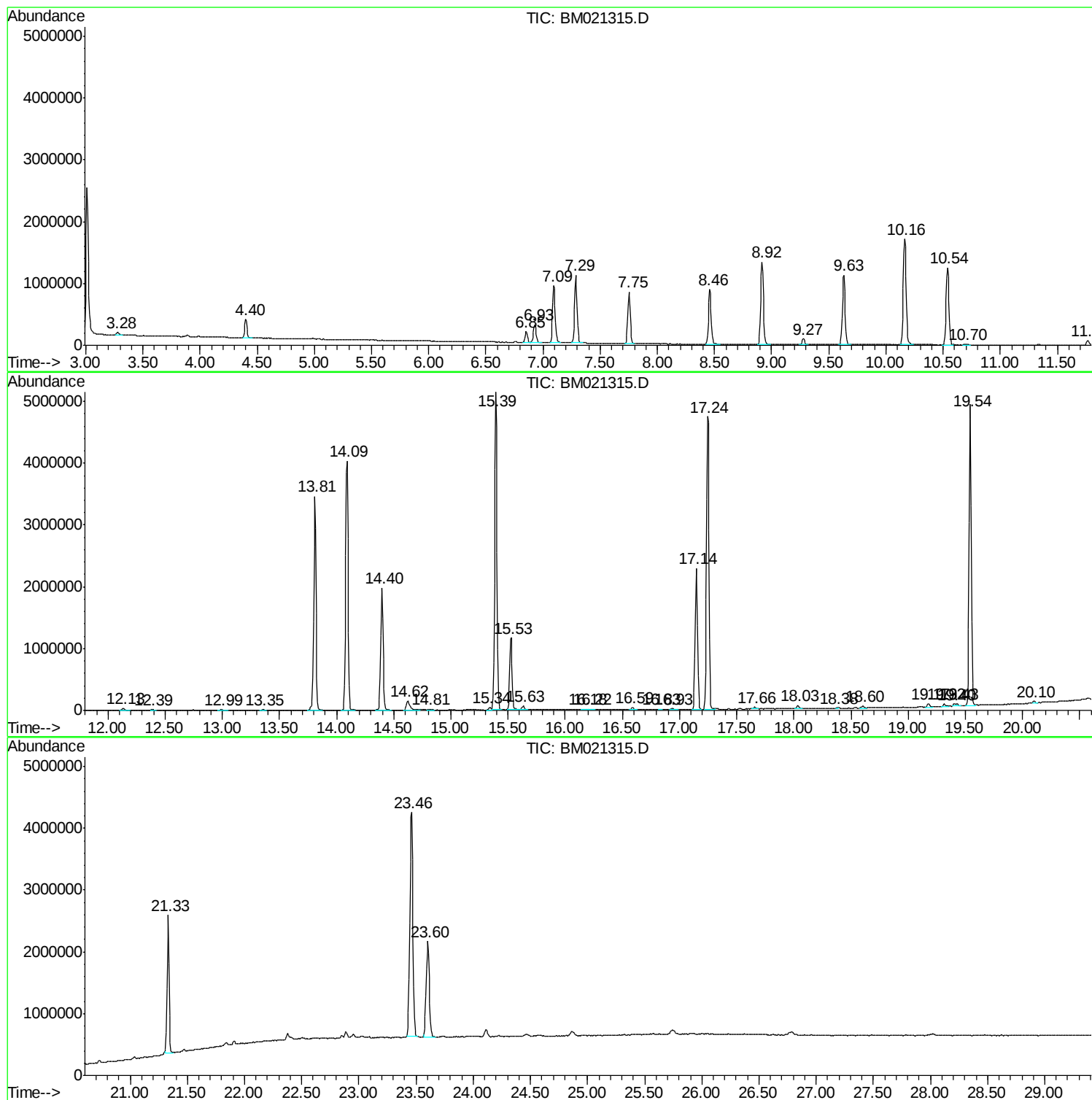
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

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



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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

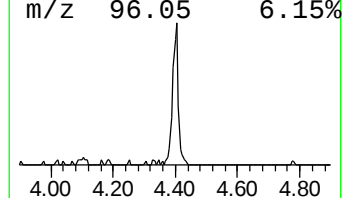
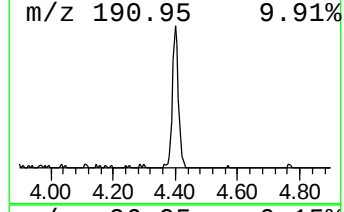
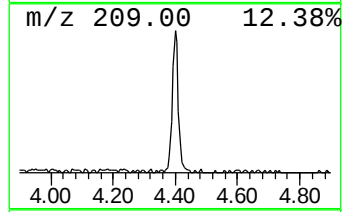
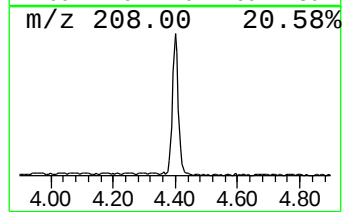
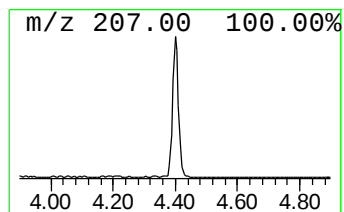
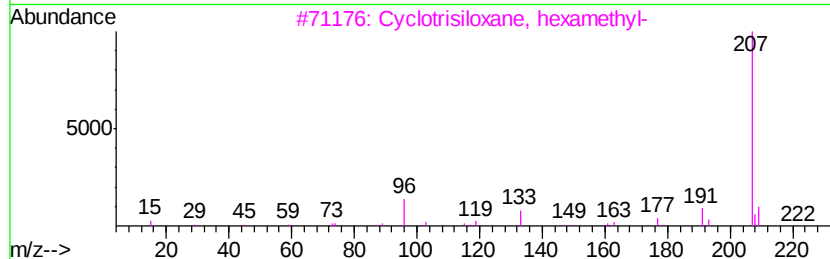
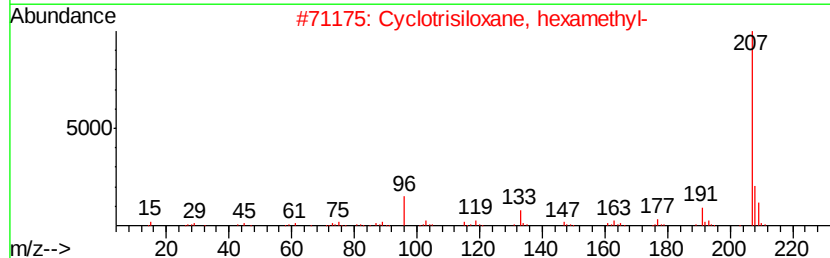
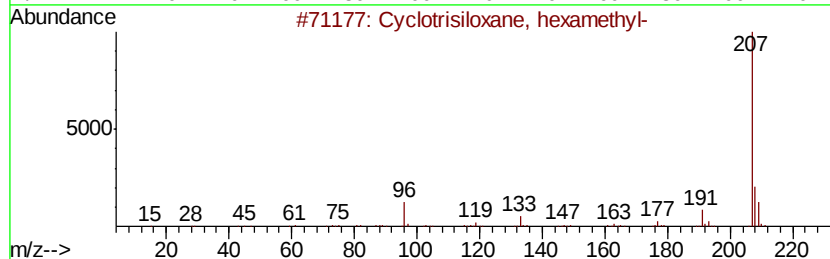
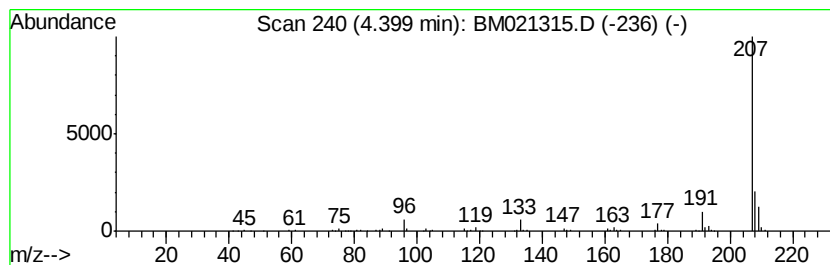
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 4.40 | 6.31 ng/ul | 415547 | 1,4-Dichlorobenzene-d4 | 7.75 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm    | CAS#        | Qual |
|------|----|---|----------------------------------|-----|------------|-------------|------|
| 1    |    |   | Cyclotrisiloxane, hexamethyl-    | 222 | C6H18O3Si3 | 000541-05-9 | 91   |
| 2    |    |   | Cyclotrisiloxane, hexamethyl-    | 222 | C6H18O3Si3 | 000541-05-9 | 90   |
| 3    |    |   | Cyclotrisiloxane, hexamethyl-    | 222 | C6H18O3Si3 | 000541-05-9 | 72   |
| 4    |    |   | 5-Methyl-2-phenylindolizine      | 207 | C15H13N    | 036944-99-7 | 39   |
| 5    |    |   | Benzo[h]quinoline, 2,4-dimethyl- | 207 | C15H13N    | 000605-67-4 | 39   |



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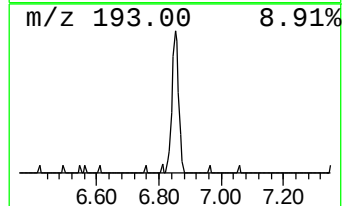
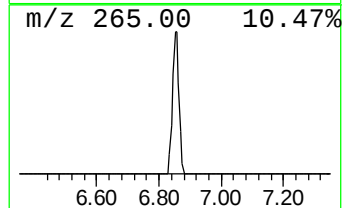
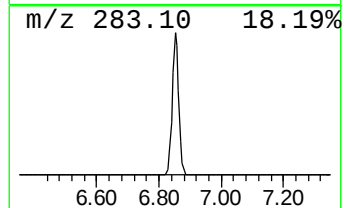
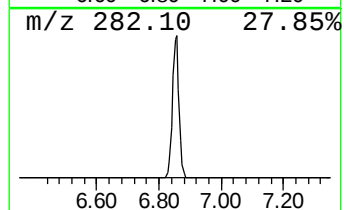
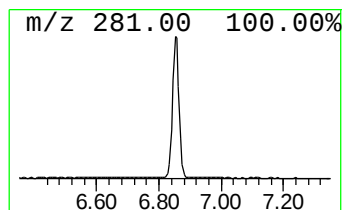
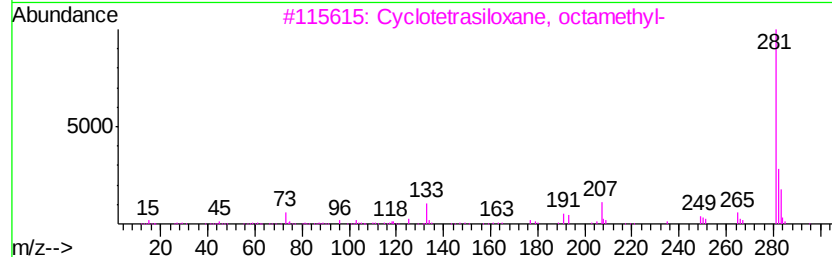
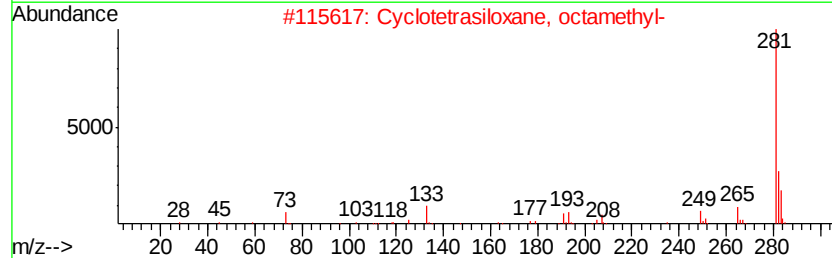
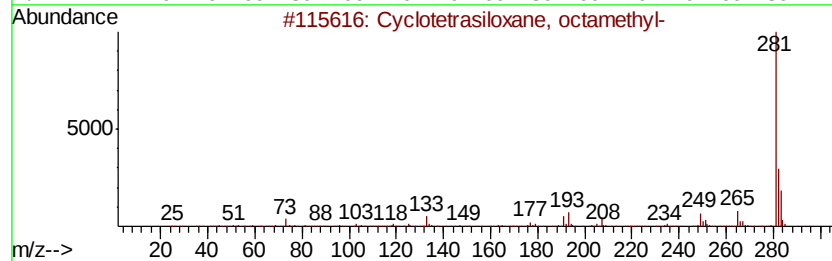
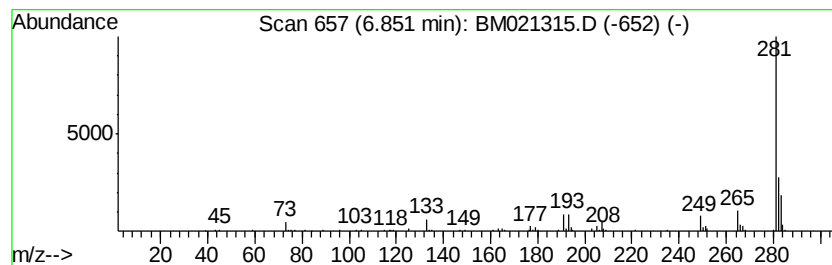
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Cyclotetrasiloxane, octamet... Concentration Rank 2

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 6.85 | 3.94 ng/ul | 259314 | 1,4-Dichlorobenzene-d4 | 7.75 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Cyclotetrasiloxane, octamethyl-     | 296 | C8H24O4Si4  | 000556-67-2 | 91   |
| 2    |    |   | Cyclotetrasiloxane, octamethyl-     | 296 | C8H24O4Si4  | 000556-67-2 | 90   |
| 3    |    |   | Cyclotetrasiloxane, octamethyl-     | 296 | C8H24O4Si4  | 000556-67-2 | 78   |
| 4    |    |   | 4H-1,2,4-Triazole-3-thiol, 4-all... | 281 | C16H15N3S   | 031803-13-1 | 58   |
| 5    |    |   | 4-Nitro-4'-chlorodiphenylsulfoxide  | 281 | C12H8ClN03S | 024535-53-3 | 53   |



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Quant Title : SVOA CALIBRATION

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| TIC Top Hit name     | RT   | EstConc | Units | Response | ---Internal Standard--- |      |         |      |
|----------------------|------|---------|-------|----------|-------------------------|------|---------|------|
|                      |      |         |       |          | #                       | RT   | Resp    | Conc |
| Cyclotrisiloxane,... | 4.40 | 6.3     | ng/ul | 415547   | 1                       | 7.75 | 1317060 | 20.0 |
| Cyclotetrasiloxan... | 6.85 | 3.9     | ng/ul | 259314   | 1                       | 7.75 | 1317060 | 20.0 |