

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\  
 Data File : BM021330.D  
 Acq On : 02 Jul 2019 04:21  
 Operator : HP/JU  
 Sample : K3562-05  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C5AE9

## 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<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         | 3.275       | 47            | 49          | 56           | rVB      | 53276          | 60676         | 0.94%           | 0.090%        |
| 2         | 4.399       | 236           | 240         | 249          | rVB      | 243118         | 335475        | 5.21%           | 0.498%        |
| 3         | 6.851       | 652           | 657         | 664          | rVB      | 146467         | 207278        | 3.22%           | 0.307%        |
| 4         | 6.922       | 664           | 669         | 680          | rVB      | 231991         | 373148        | 5.79%           | 0.554%        |
| 5         | 7.093       | 692           | 698         | 713          | rVB      | 733876         | 1160499       | 18.01%          | 1.722%        |
| 6         | 7.287       | 724           | 731         | 740          | rBV      | 831668         | 1357043       | 21.06%          | 2.013%        |
| 7         | 7.751       | 803           | 810         | 818          | rVB      | 910575         | 1446453       | 22.45%          | 2.146%        |
| 8         | 8.457       | 923           | 930         | 945          | rVB      | 706946         | 1150623       | 17.86%          | 1.707%        |
| 9         | 8.910       | 1000          | 1007        | 1019         | rBV      | 1013070        | 1738713       | 26.98%          | 2.579%        |
| 10        | 9.063       | 1030          | 1033        | 1036         | rVB5     | 5303           | 6647          | 0.10%           | 0.010%        |
| 11        | 9.275       | 1063          | 1069        | 1076         | rVB      | 83510          | 116668        | 1.81%           | 0.173%        |
| 12        | 9.628       | 1122          | 1129        | 1141         | rBV      | 909165         | 1507881       | 23.40%          | 2.237%        |
| 13        | 10.163      | 1212          | 1220        | 1232         | rBV      | 1363241        | 2396124       | 37.19%          | 3.555%        |
| 14        | 10.539      | 1276          | 1284        | 1293         | rBV      | 1311614        | 2249648       | 34.91%          | 3.337%        |
| 15        | 10.692      | 1305          | 1310        | 1321         | rBV      | 63196          | 123894        | 1.92%           | 0.184%        |
| 16        | 11.763      | 1485          | 1492        | 1499         | rBV      | 66401          | 98281         | 1.53%           | 0.146%        |
| 17        | 12.133      | 1549          | 1555        | 1562         | rBV      | 25864          | 41661         | 0.65%           | 0.062%        |
| 18        | 13.016      | 1699          | 1705        | 1711         | rVB2     | 7366           | 12850         | 0.20%           | 0.019%        |
| 19        | 13.351      | 1758          | 1762        | 1767         | rVB5     | 4965           | 6631          | 0.10%           | 0.010%        |
| 20        | 13.810      | 1826          | 1840        | 1853         | rBV      | 2898124        | 4070443       | 63.17%          | 6.038%        |
| 21        | 14.086      | 1879          | 1887        | 1899         | rBV      | 3275050        | 4851966       | 75.30%          | 7.198%        |
| 22        | 14.392      | 1930          | 1939        | 1951         | rBV2     | 2150040        | 3305153       | 51.29%          | 4.903%        |
| 23        | 14.621      | 1971          | 1978        | 1988         | rBV      | 126781         | 259719        | 4.03%           | 0.385%        |
| 24        | 14.810      | 2004          | 2010        | 2013         | rBV6     | 7832           | 12666         | 0.20%           | 0.019%        |
| 25        | 15.339      | 2095          | 2100        | 2102         | rBV      | 35767          | 42377         | 0.66%           | 0.063%        |
| 26        | 15.392      | 2102          | 2109        | 2119         | rVB      | 4270034        | 6179708       | 95.90%          | 9.168%        |
| 27        | 15.521      | 2125          | 2131        | 2143         | rBV      | 918530         | 1320560       | 20.49%          | 1.959%        |
| 28        | 15.627      | 2145          | 2149        | 2156         | rVB      | 49816          | 67613         | 1.05%           | 0.100%        |
| 29        | 16.174      | 2237          | 2242        | 2247         | rVB4     | 11101          | 17653         | 0.27%           | 0.026%        |
| 30        | 16.586      | 2306          | 2312        | 2319         | rBV      | 32346          | 40810         | 0.63%           | 0.061%        |
| 31        | 16.927      | 2367          | 2370        | 2377         | rVB2     | 9039           | 13468         | 0.21%           | 0.020%        |
| 32        | 17.145      | 2401          | 2407        | 2417         | rBV      | 2698502        | 3766167       | 58.45%          | 5.587%        |
| 33        | 17.245      | 2417          | 2424        | 2438         | rVV      | 4439701        | 6300452       | 97.78%          | 9.347%        |
| 34        | 17.357      | 2440          | 2443        | 2448         | rVB4     | 4692           | 6582          | 0.10%           | 0.010%        |

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## Integration Parameters: LSCINT.P

Integrator: RTE  
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 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 | 17.533 | 2471 | 2473 | 2478 | rVB4 | 5959    | 7221    | 0.11%   | 0.011% |
| 36 | 17.657 | 2490 | 2494 | 2499 | rVB  | 24403   | 32516   | 0.50%   | 0.048% |
| 37 | 18.027 | 2553 | 2557 | 2564 | rBV2 | 84734   | 117585  | 1.82%   | 0.174% |
| 38 | 18.598 | 2650 | 2654 | 2660 | rVB  | 32356   | 37785   | 0.59%   | 0.056% |
| 39 | 18.956 | 2713 | 2715 | 2718 | rVB4 | 7020    | 6749    | 0.10%   | 0.010% |
| 40 | 19.174 | 2748 | 2752 | 2761 | rBV  | 55227   | 76153   | 1.18%   | 0.113% |
| 41 | 19.315 | 2772 | 2776 | 2780 | rBV2 | 63850   | 86095   | 1.34%   | 0.128% |
| 42 | 19.403 | 2787 | 2791 | 2793 | rBV  | 34749   | 48099   | 0.75%   | 0.071% |
| 43 | 19.427 | 2793 | 2795 | 2799 | rVB  | 36271   | 38469   | 0.60%   | 0.057% |
| 44 | 19.539 | 2808 | 2814 | 2823 | rBV  | 4757885 | 6316648 | 98.03%  | 9.371% |
| 45 | 19.862 | 2867 | 2869 | 2872 | rVB3 | 16116   | 16936   | 0.26%   | 0.025% |
| 46 | 20.098 | 2907 | 2909 | 2913 | rVB4 | 29253   | 30385   | 0.47%   | 0.045% |
| 47 | 21.033 | 3065 | 3068 | 3074 | rBV3 | 74595   | 102593  | 1.59%   | 0.152% |
| 48 | 21.327 | 3113 | 3118 | 3127 | rVB  | 2584567 | 3273966 | 50.81%  | 4.857% |
| 49 | 21.903 | 3214 | 3216 | 3219 | rBV  | 109331  | 104991  | 1.63%   | 0.156% |
| 50 | 22.609 | 3332 | 3336 | 3343 | rBV  | 376689  | 470692  | 7.30%   | 0.698% |
| 51 | 22.886 | 3379 | 3383 | 3387 | rVB  | 288116  | 376071  | 5.84%   | 0.558% |
| 52 | 22.944 | 3388 | 3393 | 3403 | rVV  | 561385  | 1093205 | 16.97%  | 1.622% |
| 53 | 23.456 | 3473 | 3480 | 3489 | rVB  | 3431218 | 6443759 | 100.00% | 9.559% |
| 54 | 23.597 | 3498 | 3504 | 3513 | rVB  | 1905932 | 3508097 | 54.44%  | 5.204% |
| 55 | 24.103 | 3587 | 3590 | 3600 | rVB  | 319113  | 575032  | 8.92%   | 0.853% |

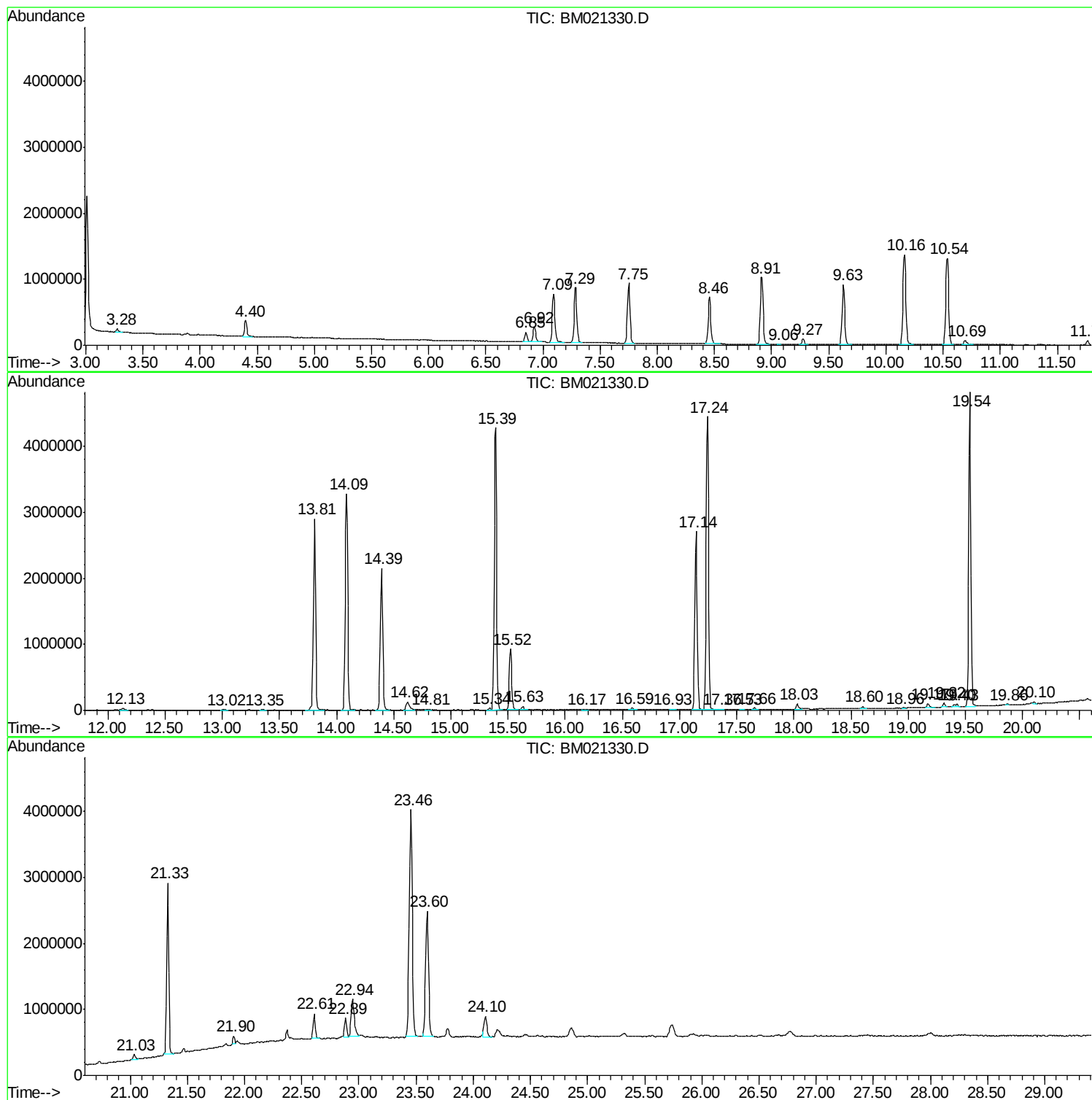
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061419MA.M  
Quant Title : SVOA CALIBRATION

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



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Operator : HP/JU  
Sample : K3562-05  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_M  
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C5AE9

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

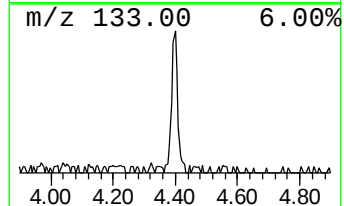
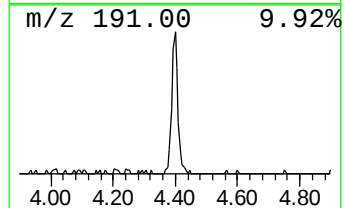
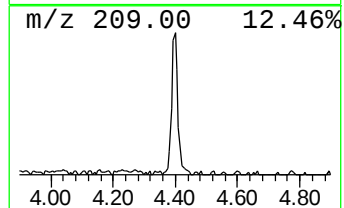
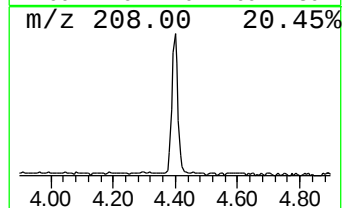
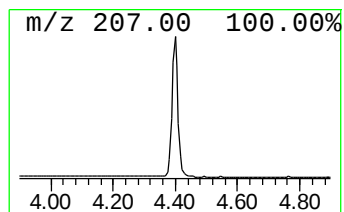
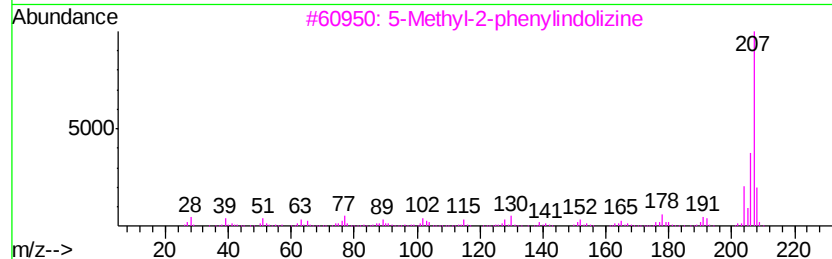
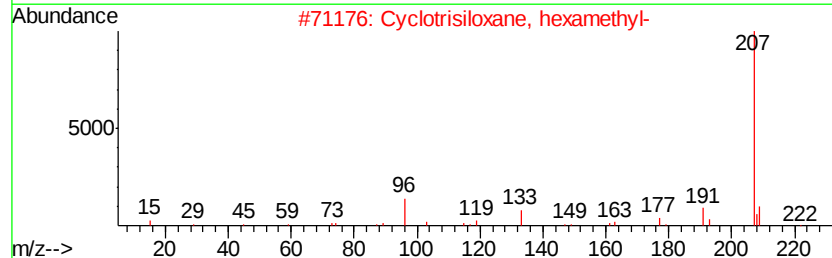
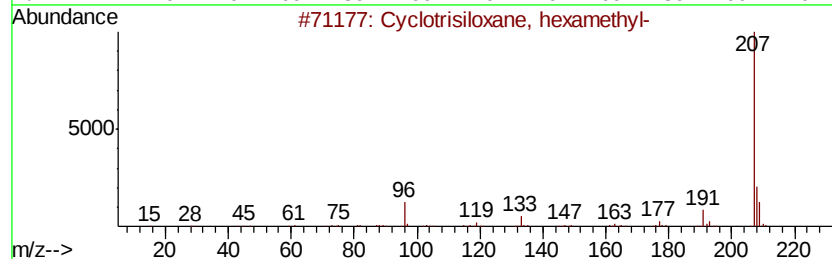
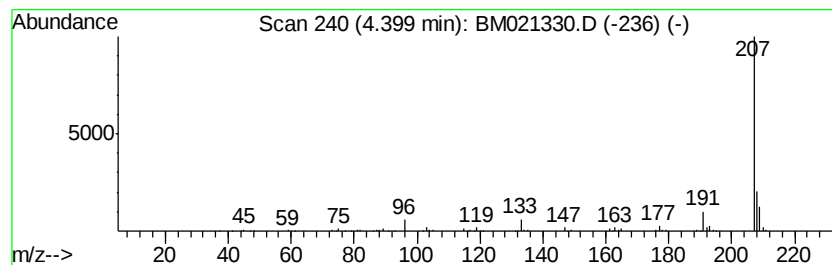
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 4.40 | 4.64 ng/ul | 335475 | 1,4-Dichlorobenzene-d4 | 7.75 |

| Hit# | of | Tentative ID                  | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------|-----|------------|-------------|------|
| 1    | 5  | Cyclotrisiloxane, hexamethyl- | 222 | C6H18O3Si3 | 000541-05-9 | 91   |
| 2    |    | Cyclotrisiloxane, hexamethyl- | 222 | C6H18O3Si3 | 000541-05-9 | 50   |
| 3    |    | 5-Methyl-2-phenylindolizine   | 207 | C15H13N    | 036944-99-7 | 45   |
| 4    |    | Cyclotrisiloxane, hexamethyl- | 222 | C6H18O3Si3 | 000541-05-9 | 43   |
| 5    |    | 1H-Indole, 1-methyl-2-phenyl- | 207 | C15H13N    | 003558-24-5 | 39   |



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Misc :  
ALS Vial : 30 Sample Multiplier: 1

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

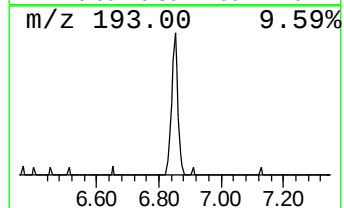
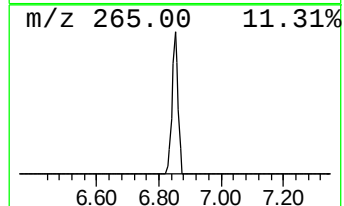
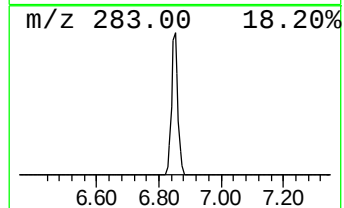
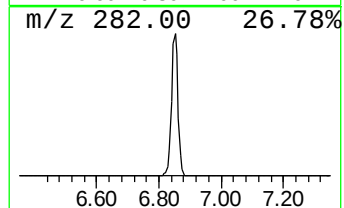
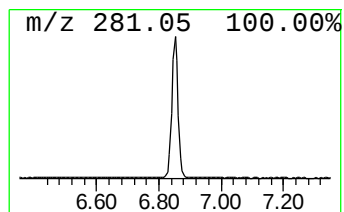
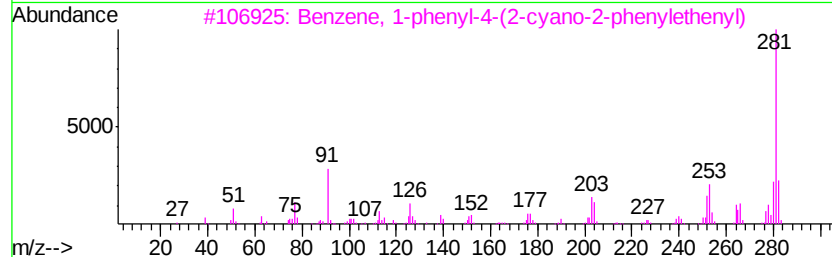
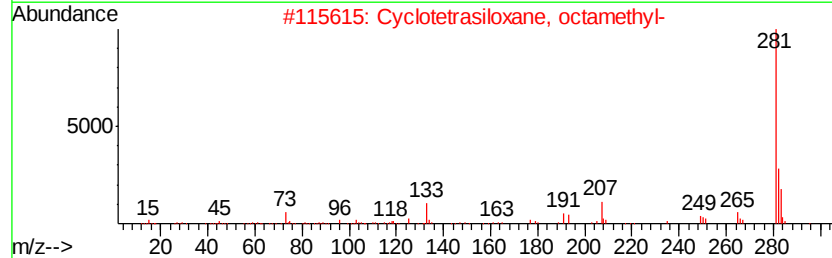
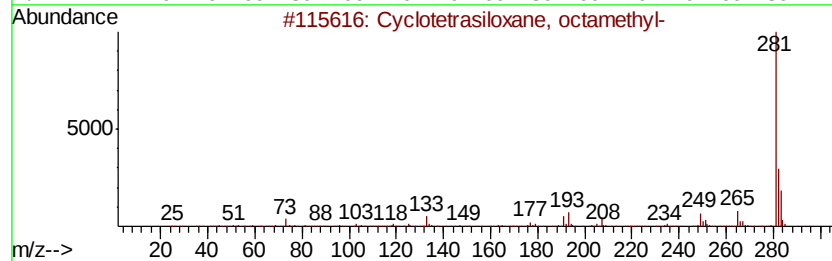
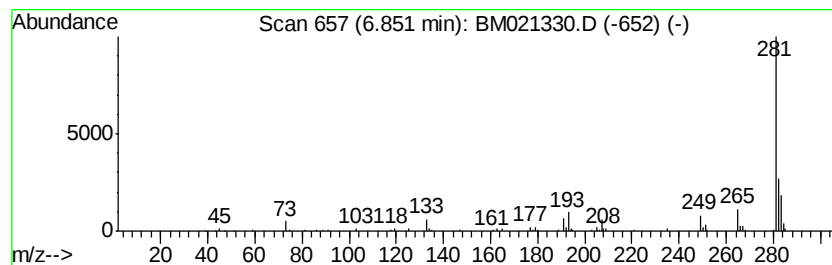
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Cyclotetrasiloxane, octamet... Concentration Rank 4

| R.T. | EstConc    | Area   | Relative to ISTD       | R.T. |
|------|------------|--------|------------------------|------|
| 6.85 | 2.87 ng/ul | 207278 | 1,4-Dichlorobenzene-d4 | 7.75 |

| Hit# | of | Tentative ID                                  | MW  | MolForm    | CAS#        | Qual |
|------|----|-----------------------------------------------|-----|------------|-------------|------|
| 1    | 5  | Cyclotetrasiloxane, octamethyl-               | 296 | C8H24O4Si4 | 000556-67-2 | 91   |
| 2    |    | Cyclotetrasiloxane, octamethyl-               | 296 | C8H24O4Si4 | 000556-67-2 | 90   |
| 3    |    | Benzene, 1-phenyl-4-(2-cyano-2-phenylethenyl) | 281 | C21H15N    | 027869-56-3 | 59   |
| 4    |    | Cyclotetrasiloxane, octamethyl-               | 296 | C8H24O4Si4 | 000556-67-2 | 53   |
| 5    |    | trans-4-(2-(5-Nitro-2-furyl)viny...           | 281 | C15H11N3O3 | 000847-10-9 | 53   |



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ALS Vial : 30 Sample Multiplier: 1

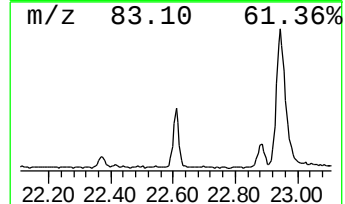
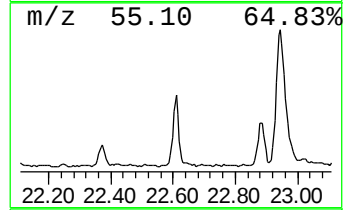
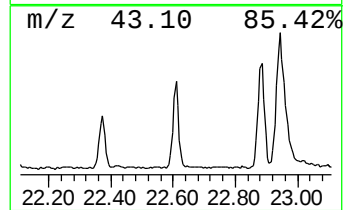
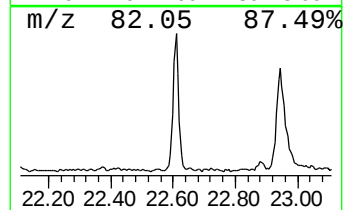
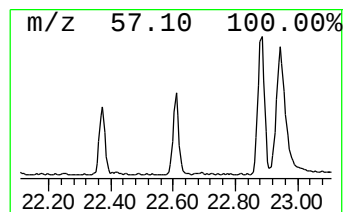
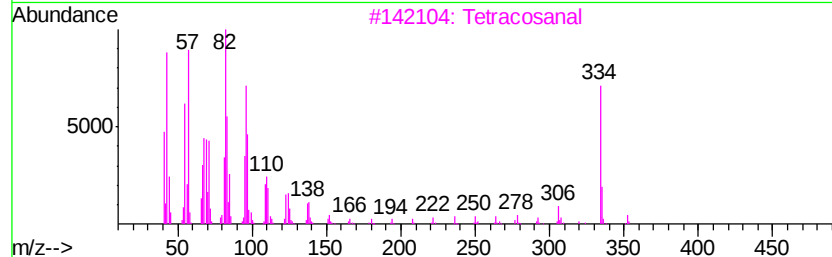
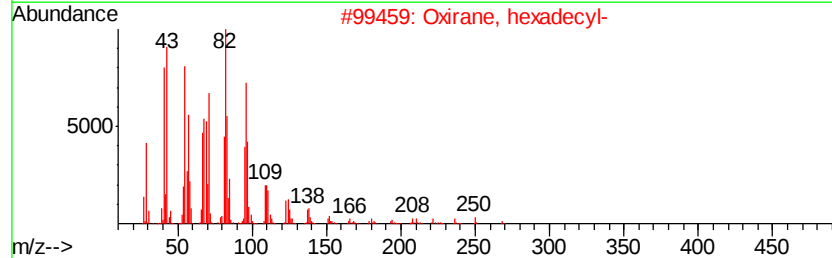
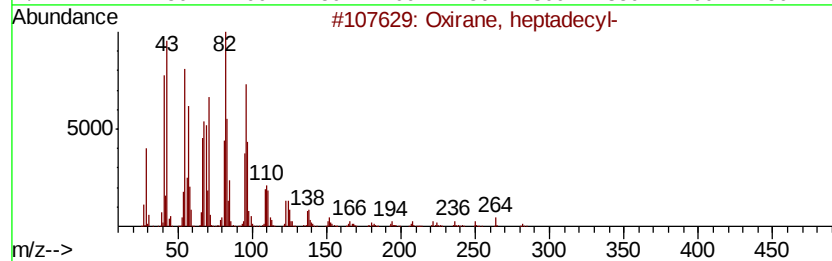
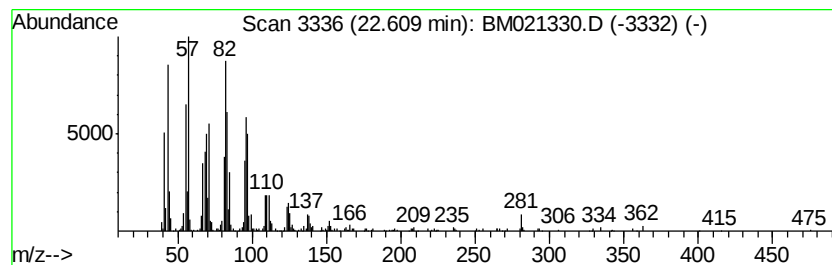
Instrument :  
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ClientSampleId :  
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Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Oxirane, heptadecyl- Concentration Rank 5

| R.T.      | EstConc                   | Area   | Relative to ISTD |             | R.T.  |
|-----------|---------------------------|--------|------------------|-------------|-------|
| 22.61     | 2.68 ng/ul                | 470692 | Perylene-d12     |             | 23.60 |
| Hit# of 5 | Tentative ID              | MW     | MolForm          | CAS#        | Qual  |
| 1         | Oxirane, heptadecyl-      | 282    | C19H38O          | 067860-04-2 | 95    |
| 2         | Oxirane, hexadecyl-       | 268    | C18H36O          | 007390-81-0 | 91    |
| 3         | Tetracosanal              | 352    | C24H48O          | 057866-08-7 | 91    |
| 4         | Oxirane, hexadecyl-       | 268    | C18H36O          | 007390-81-0 | 91    |
| 5         | (Z)-14-Tricosenyl formate | 366    | C24H46O2         | 077899-10-6 | 90    |



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Quant Title : SVOA CALIBRATION

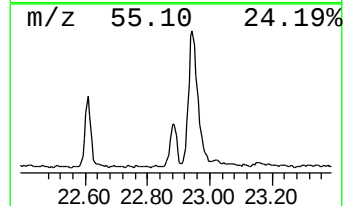
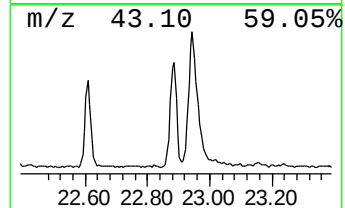
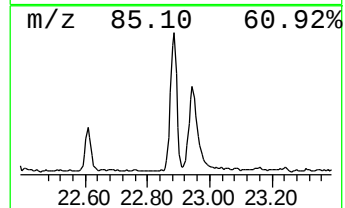
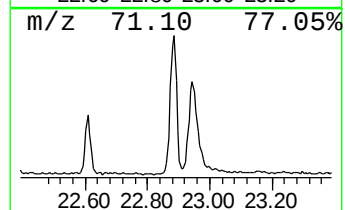
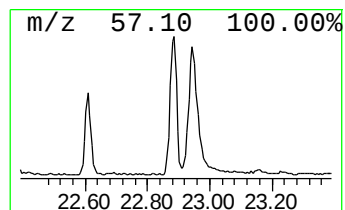
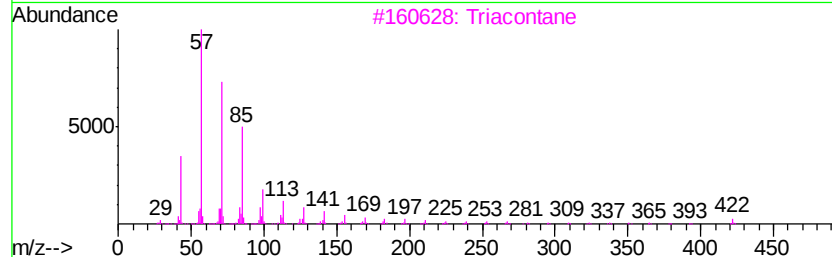
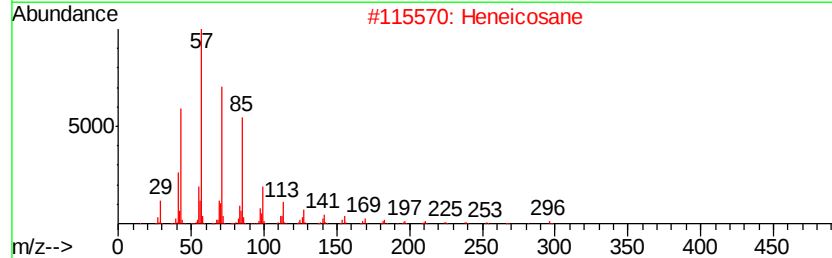
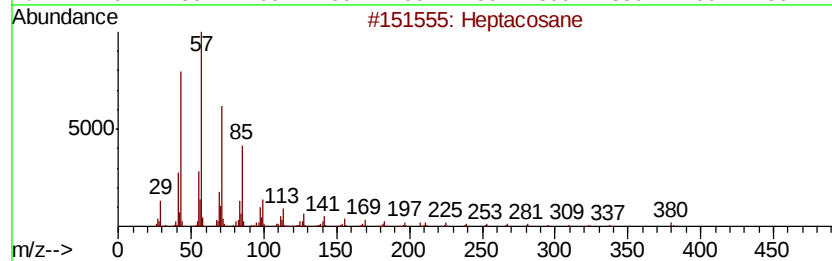
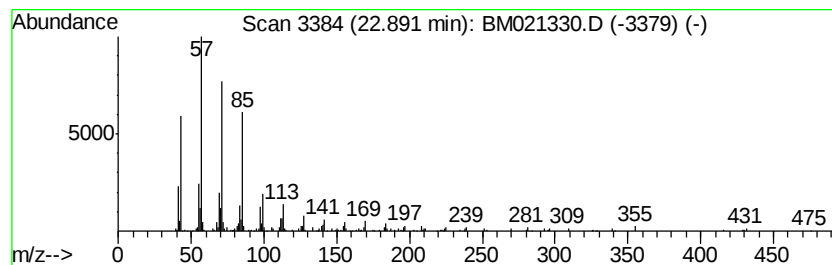
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 22.89 | 2.14 ng/ul | 376071 | Perylene-d12     | 23.60 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Heptacosane           | 380 | C27H56  | 000593-49-7 | 91   |
| 2    |    | Heneicosane           | 296 | C21H44  | 000629-94-7 | 90   |
| 3    |    | triacontane           | 422 | C30H62  | 000638-68-6 | 90   |
| 4    |    | Octadecane            | 254 | C18H38  | 000593-45-3 | 90   |
| 5    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\  
Data File : BM021330.D  
Acq On : 02 Jul 2019 04:21  
Operator : HP/JU  
Sample : K3562-05  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C5AE9

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

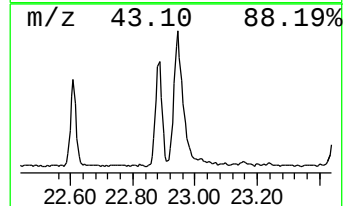
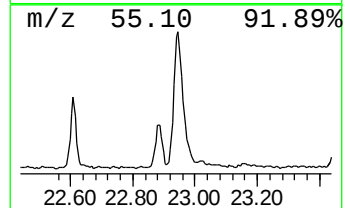
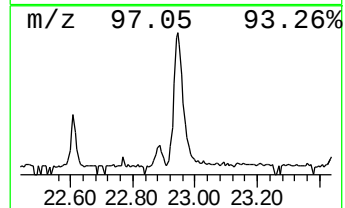
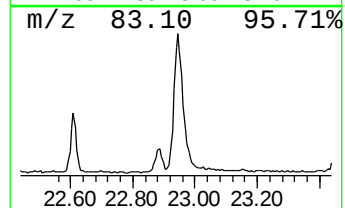
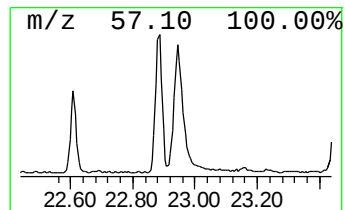
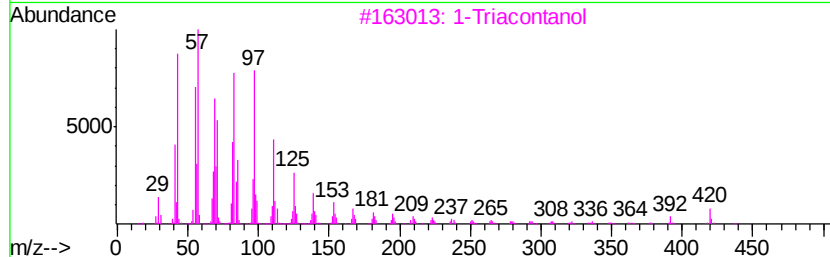
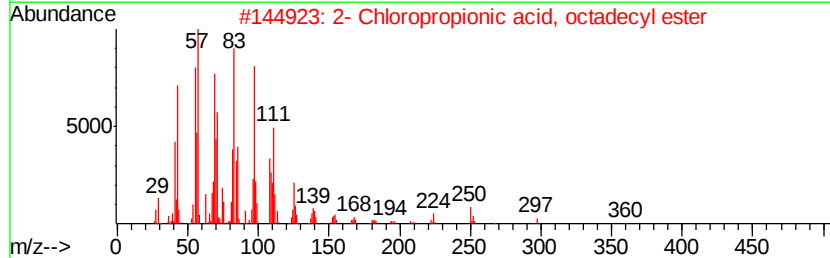
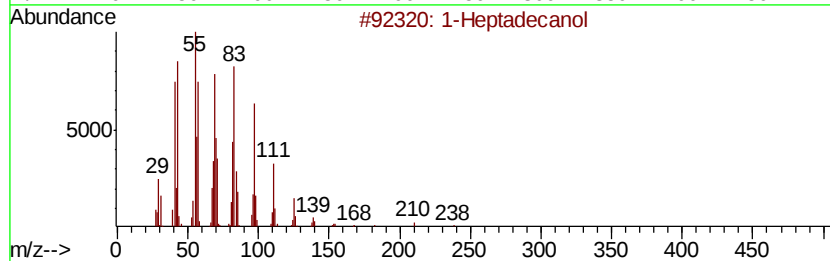
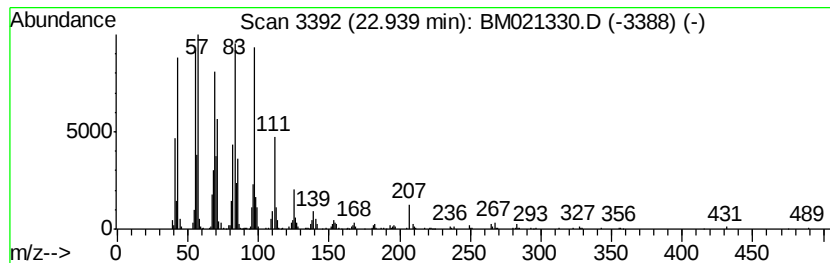
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 1-Heptadecanol Concentration Rank 1

| R.T.  | EstConc    | Area    | Relative to ISTD | R.T.  |
|-------|------------|---------|------------------|-------|
| 22.94 | 6.23 ng/ul | 1093210 | Perylene-d12     | 23.60 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | 1-Heptadecanol                      | 256 | C17H36O    | 001454-85-9 | 90   |
| 2    |    | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2 | 088104-31-8 | 90   |
| 3    |    | 1-Triacontanol                      | 438 | C30H62O    | 000593-50-0 | 81   |
| 4    |    | 17-Pentatriacontene                 | 491 | C35H70     | 006971-40-0 | 76   |
| 5    |    | 1-Octadecanol                       | 270 | C18H38O    | 000112-92-5 | 70   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\  
Data File : BM021330.D  
Acq On : 02 Jul 2019 04:21  
Operator : HP/JU  
Sample : K3562-05  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C5AE9

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

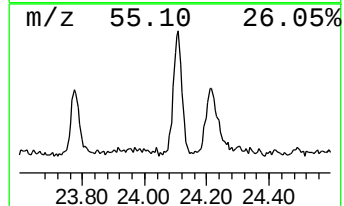
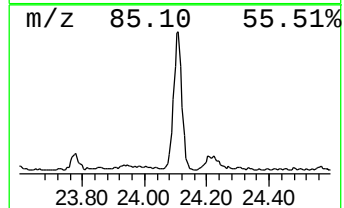
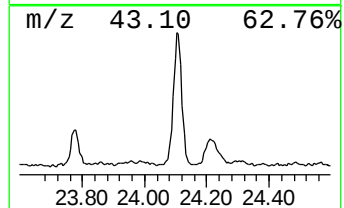
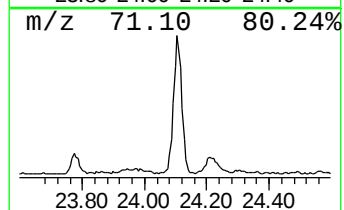
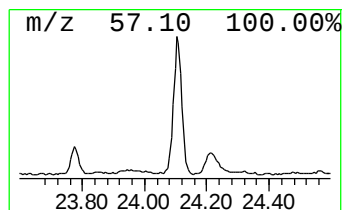
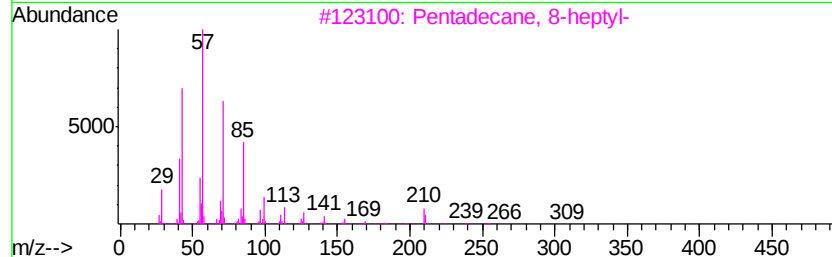
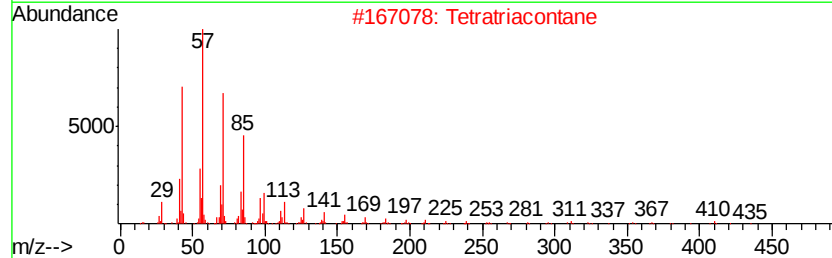
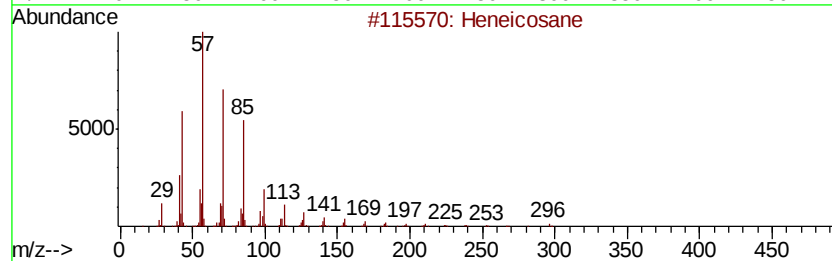
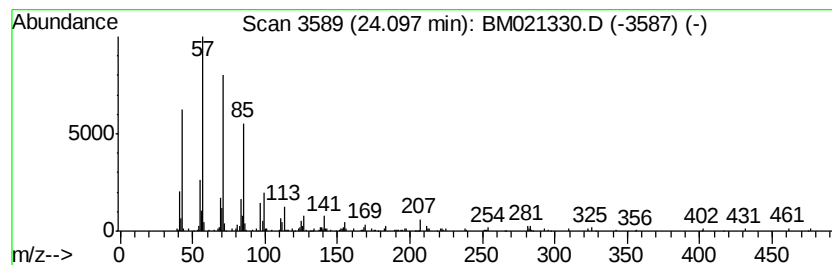
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 24.10 | 3.28 ng/ul | 575032 | Perylene-d12     | 23.60 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane            | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    | Tetratriacontane       | 479 | C34H70  | 014167-59-0 | 91   |
| 3    |    | Pentadecane, 8-heptyl- | 310 | C22H46  | 071005-15-7 | 91   |
| 4    |    | Tetracosane, 11-decyl- | 479 | C34H70  | 055429-84-0 | 91   |
| 5    |    | Nonacosane             | 408 | C29H60  | 000630-03-5 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM070119\  
Data File : BM021330.D  
Acq On : 02 Jul 2019 04:21  
Operator : HP/JU  
Sample : K3562-05  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C5AE9

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Cyclotrisiloxane,... | 4.40  | 4.6     | ng/ul | 335475   | 1                     | 7.75  | 1446450 | 20.0 |
| Cyclotetrasiloxan... | 6.85  | 2.9     | ng/ul | 207278   | 1                     | 7.75  | 1446450 | 20.0 |
| Oxirane, heptadecyl- | 22.61 | 2.7     | ng/ul | 470692   | 6                     | 23.60 | 3508100 | 20.0 |
| (DEL) Alkane: Str... | 22.89 | 2.1     | ng/ul | 376071   | 6                     | 23.60 | 3508100 | 20.0 |
| 1-Heptadecanol       | 22.94 | 6.2     | ng/ul | 1093210  | 6                     | 23.60 | 3508100 | 20.0 |
| (DEL) Alkane: Str... | 24.10 | 3.3     | ng/ul | 575032   | 6                     | 23.60 | 3508100 | 20.0 |