LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018119.D
Acq On : 13 Dec 2018 07:07
Operator : JU/SJ
Sample : J6171-11 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F9Y15

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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 | 3.151 | 26 | 28 | 32 | rVB3 | 10276 | 11989 | 0.51% | 0.053% |
| 2 | 3.522 | 87 | 91 | 99 | rBV2 | 74223 | 186666 | 8.00% | 0.832% |
| 3 | 3.599 | 99 | 104 | 110 | rVV | 57346 | 100460 | 4.31% | 0.448% |
| 4 | 3.704 | 117 | 122 | 126 | rBV | 45631 | 72723 | 3.12% | 0.324% |
| 5 | 3.840 | 141 | 145 | 148 | rVB | 16291 | 21584 | 0.93% | 0.096% |
| 6 | 3.940 | 157 | 162 | 166 | rVB6 | 13603 | 23789 | 1.02% | 0.106% |
| 7 | 3.993 | 166 | 171 | 175 | rBV7 | 10542 | 16105 | 0.69% | 0.072% |
| 8 | 4.110 | 185 | 191 | 192 | rBV3 | 7570 | 13178 | 0.56% | 0.059% |
| 9 | 4.157 | 196 | 199 | 203 | rVB4 | 13096 | 18764 | 0.80% | 0.084% |
| 10 | 4.669 | 283 | 286 | 289 | rVV4 | 9718 | 14211 | 0.61% | 0.063% |
| 11 | 4.710 | 291 | 293 | 295 | rVV2 | 18120 | 22369 | 0.96% | 0.100% |
| 12 | 4.734 | 295 | 297 | 302 | rVV3 | 20541 | 26336 | 1.13% | 0.117% |
| 13 | 4.822 | 302 | 312 | 322 | rVV2 | 79083 | 176680 | 7.57% | 0.788% |
| 14 | 5.022 | 341 | 346 | 352 | rBV5 | 15217 | 33686 | 1.44% | 0.150% |
| 15 | 5.116 | 355 | 362 | 368 | rBV2 | 54888 | 104315 | 4.47% | 0.465% |
| 16 | 5.228 | 376 | 381 | 388 | rBV | 38443 | 72875 | 3.12% | 0.325% |
| 17 | 5.375 | 401 | 406 | 410 | rVB8 | 11245 | 19493 | 0.84% | 0.087% |
| 18 | 5.451 | 410 | 419 | 425 | rBV7 | 21688 | 48435 | 2.08% | 0.216% |
| 19 | 5.522 | 427 | 431 | 435 | rVV4 | 7563 | 13014 | 0.56% | 0.058% |
| 20 | 5.581 | 437 | 441 | 450 | rVV6 | 52241 | 90480 | 3.88% | 0.403% |
| 21 | 5.657 | 450 | 454 | 461 | rVB6 | 9114 | 18582 | 0.80% | 0.083% |
| 22 | 5.828 | 479 | 483 | 489 | rBV5 | 10136 | 19498 | 0.84% | 0.087% |
| 23 | 5.934 | 496 | 501 | 505 | rBV5 | 6294 | 13102 | 0.56% | 0.058% |
| 24 | 5.975 | 505 | 508 | 511 | rBV3 | 10292 | 15063 | 0.65% | 0.067% |
| 25 | 6.063 | 518 | 523 | 527 | rBV6 | 13438 | 24089 | 1.03% | 0.107% |
| 26 | 6.104 | 527 | 530 | 534 | rVV3 | 9480 | 14581 | 0.63% | 0.065% |
| 27 | 6.187 | 539 | 544 | 549 | rVV7 | 16078 | 31936 | 1.37% | 0.142% |
| 28 | 6.328 | 565 | 568 | 577 | rVB7 | 12586 | 28729 | 1.23% | 0.128% |
| 29 | 6.440 | 577 | 587 | 590 | rBV7 | 9530 | 25532 | 1.09% | 0.114% |
| 30 | 6.534 | 596 | 603 | 608 | rBV6 | 15180 | 28816 | 1.24% | 0.128% |
| 31 | 6.640 | 616 | 621 | 624 | rVV2 | 29648 | 47757 | 2.05% | 0.213% |
| 32 | 6.692 | 625 | 630 | 633 | rVV3 | 48945 | 82993 | 3.56% | 0.370% |
| 33 | 6.739 | 633 | 638 | 655 | rVV2 | 167497 | 437253 | 18.74% | 1.950% |
| 34 | 6.898 | 655 | 665 | 675 | rVV | 139799 | 265788 | 11.39% | 1.185% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018119.D
Acq On : 13 Dec 2018 07:07
Operator : JU/SJ
Sample : J6171-11 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F9Y15

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 6.987 | 675 | 680 | 682 | rVV5 | 13213 | 19069 | 0.82% | 0.085% |
| 36 | 7.022 | 682 | 686 | 690 | rVV5 | 20816 | 35008 | 1.50% | 0.156% |
| 37 | 7.081 | 690 | 696 | 704 | rVV | 194156 | 336604 | 14.43% | 1.501% |
| 38 | 7.157 | 704 | 709 | 711 | rVV | 40634 | 59520 | 2.55% | 0.265% |
| 39 | 7.187 | 711 | 714 | 721 | rVV | 37877 | 65568 | 2.81% | 0.292% |
| 40 | 7.245 | 721 | 724 | 729 | rVV5 | 9328 | 15574 | 0.67% | 0.069% |
| 41 | 7.298 | 729 | 733 | 740 | rVB7 | 10101 | 14968 | 0.64% | 0.067% |
| 42 | 7.381 | 742 | 747 | 751 | rBV6 | 6237 | 11284 | 0.48% | 0.050% |
| 43 | 7.539 | 763 | 774 | 784 | rVV | 548626 | 919836 | 39.43% | 4.101% |
| 44 | 7.645 | 788 | 792 | 800 | rVV3 | 22332 | 45758 | 1.96% | 0.204% |
| 45 | 7.792 | 811 | 817 | 821 | rBV3 | 16262 | 36713 | 1.57% | 0.164% |
| 46 | 7.834 | 821 | 824 | 832 | rVV6 | 20054 | 39386 | 1.69% | 0.176% |
| 47 | 8.110 | 868 | 871 | 875 | rVB3 | 9533 | 12947 | 0.56% | 0.058% |
| 48 | 8.163 | 875 | 880 | 884 | rBV4 | 20260 | 32400 | 1.39% | 0.144% |
| 49 | 8.263 | 891 | 897 | 905 | rBV | 185896 | 365724 | 15.68% | 1.631% |
| 50 | 8.334 | 907 | 909 | 915 | rVB6 | 10300 | 13743 | 0.59% | 0.061% |
| 51 | 8.475 | 927 | 933 | 938 | rBV4 | 8218 | 14042 | 0.60% | 0.063% |
| 52 | 8.522 | 938 | 941 | 950 | rVB3 | 11219 | 18924 | 0.81% | 0.084% |
| 53 | 8.622 | 955 | 958 | 965 | rVV5 | 15331 | 28062 | 1.20% | 0.125% |
| 54 | 8.698 | 965 | 971 | 983 | rVB2 | 175662 | 378850 | 16.24% | 1.689% |
| 55 | 8.833 | 988 | 994 | 999 | rBV | 18590 | 37483 | 1.61% | 0.167% |
| 56 | 8.992 | 1016 | 1021 | 1024 | rBV | 25446 | 43440 | 1.86% | 0.194% |
| 57 | 9.104 | 1037 | 1040 | 1044 | rVB2 | 8982 | 12565 | 0.54% | 0.056% |
| 58 | 9.198 | 1050 | 1056 | 1063 | rVB4 | 18808 | 36975 | 1.59% | 0.165% |
| 59 | 9.345 | 1076 | 1081 | 1086 | rBV2 | 13186 | 22222 | 0.95% | 0.099% |
| 60 | 9.410 | 1086 | 1092 | 1102 | rVV | 142730 | 258002 | 11.06% | 1.150% |
| 61 | 9.504 | 1103 | 1108 | 1113 | rVB2 | 31956 | 49979 | 2.14% | 0.223% |
| 62 | 9.716 | 1138 | 1144 | 1149 | rVB5 | 21466 | 39171 | 1.68% | 0.175% |
| 63 | 9.957 | 1179 | 1185 | 1201 | rBV2 | 174762 | 427387 | 18.32% | 1.906% |
| 64 | 10.086 | 1201 | 1207 | 1210 | rVV6 | 15604 | 29637 | 1.27% | 0.132% |
| 65 | 10.122 | 1211 | 1213 | 1220 | rVB6 | 15852 | 21699 | 0.93% | 0.097% |
| 66 | 10.304 | 1237 | 1244 | 1253 | rBV | 780514 | 1363341 | 58.45% | 6.079% |
| 67 | 10.510 | 1269 | 1279 | 1286 | rBV4 | 51409 | 119903 | 5.14% | 0.535% |
| 68 | 10.863 | 1334 | 1339 | 1344 | rBV4 | 9588 | 16242 | 0.70% | 0.072% |
| 69 | 11.098 | 1374 | 1379 | 1385 | rBV4 | 5641 | 11365 | 0.49% | 0.051% |
| 70 | 11.380 | 1420 | 1427 | 1433 | rVB8 | 11007 | 23377 | 1.00% | 0.104% |
| 71 | 11.663 | 1471 | 1475 | 1482 | rVB6 | 6507 | 12297 | 0.53% | 0.055% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018119.D
Acq On : 13 Dec 2018 07:07
Operator : JU/SJ
Sample : J6171-11 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F9Y15

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 12.180 | 1556 | 1563 | 1565 | rBV5 | 6835 | 13001 | 0.56% | 0.058% |
| 73 | 12.527 | 1619 | 1622 | 1629 | rVV8 | 7148 | 16257 | 0.70% | 0.072% |
| 74 | 12.874 | 1673 | 1681 | 1686 | rBV7 | 8294 | 21723 | 0.93% | 0.097% |
| 75 | 13.074 | 1709 | 1715 | 1721 | rVB6 | 7950 | 16945 | 0.73% | 0.076% |
| 76 | 13.163 | 1723 | 1730 | 1736 | rVB7 | 9280 | 17615 | 0.76% | 0.079% |
| 77 | 13.439 | 1769 | 1777 | 1781 | rBV8 | 13802 | 29398 | 1.26% | 0.131% |
| 78 | 13.563 | 1794 | 1798 | 1801 | rVV3 | 9100 | 16825 | 0.72% | 0.075% |
| 79 | 13.616 | 1801 | 1807 | 1811 | rVV | 435358 | 650942 | 27.91% | 2.902% |
| 80 | 13.663 | 1811 | 1815 | 1824 | rVV | 185867 | 292778 | 12.55% | 1.305% |
| 81 | 13.880 | 1844 | 1852 | 1860 | rBV | 498140 | 768688 | 32.95% | 3.427% |
| 82 | 13.945 | 1860 | 1863 | 1870 | rVV7 | 15303 | 28315 | 1.21% | 0.126% |
| 83 | 14.098 | 1884 | 1889 | 1893 | rBV6 | 9355 | 13942 | 0.60% | 0.062% |
| 84 | 14.192 | 1898 | 1905 | 1913 | rBV2 | 1241630 | 1880441 | 80.61% | 8.384% |
| 85 | 14.463 | 1944 | 1951 | 1958 | rBV2 | 53932 | 139166 | 5.97% | 0.620% |
| 86 | 15.051 | 2046 | 2051 | 2057 | rVV7 | 11446 | 29921 | 1.28% | 0.133% |
| 87 | 15.192 | 2069 | 2075 | 2089 | rBV | 652868 | 1008971 | 43.25% | 4.499% |
| 88 | 15.351 | 2096 | 2102 | 2110 | rBV | 69620 | 119570 | 5.13% | 0.533% |
| 89 | 15.927 | 2196 | 2200 | 2202 | rBV4 | 19040 | 28187 | 1.21% | 0.126% |
| 90 | 16.068 | 2221 | 2224 | 2226 | rBV4 | 10795 | 12937 | 0.55% | 0.058% |
| 91 | 16.951 | 2368 | 2374 | 2379 | rBV | 1656559 | 2332651 | 100.00% | 10.400% |
| 92 | 16.992 | 2379 | 2381 | 2386 | rVV | 122701 | 149722 | 6.42% | 0.668% |
| 93 | 17.051 | 2386 | 2391 | 2401 | rVV | 737671 | 1093524 | 46.88% | 4.876% |
| 94 | 17.862 | 2525 | 2529 | 2539 | rVB2 | 329518 | 515685 | 22.11% | 2.299% |
| 95 | 18.151 | 2575 | 2578 | 2582 | rBV2 | 89435 | 104142 | 4.46% | 0.464% |
| 96 | 18.792 | 2684 | 2687 | 2690 | rBV | 149690 | 171919 | 7.37% | 0.767% |
| 97 | 19.156 | 2746 | 2749 | 2753 | rBV | 176829 | 219718 | 9.42% | 0.980% |
| 98 | 19.356 | 2779 | 2783 | 2792 | rBV2 | 811467 | 1399844 | 60.01% | 6.241% |
| 99 | 21.168 | 3087 | 3091 | 3095 | rBV | 1776326 | 2190737 | 93.92% | 9.768% |
| 100 | 23.344 | 3457 | 3461 | 3469 | rVB2 | 1158935 | 2014800 | 86.37% | 8.983% |

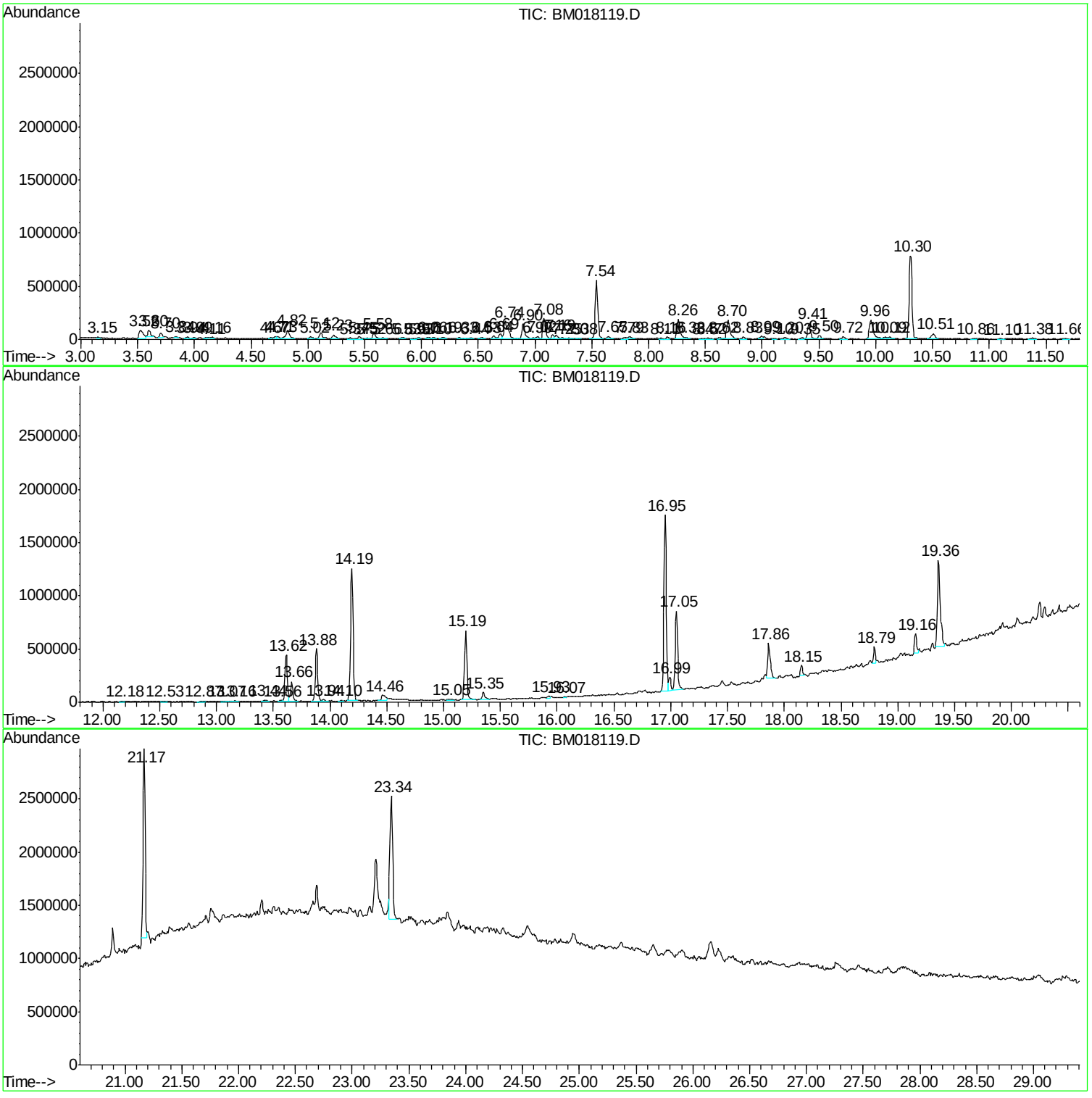
Sum of corrected areas: 22428300

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018119.D
Acq On : 13 Dec 2018 07:07
Operator : JU/SJ
Sample : J6171-11 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
F9Y15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018119.D
Acq On : 13 Dec 2018 07:07
Operator : JU/SJ
Sample : J6171-11 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F9Y15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

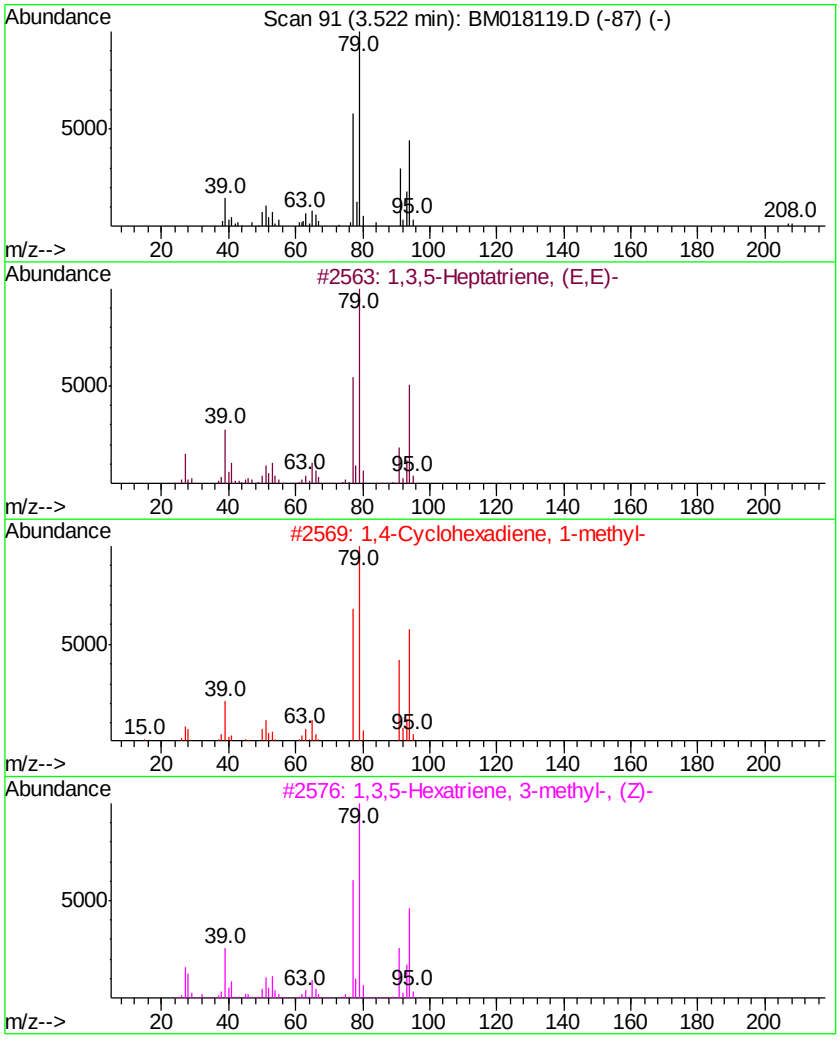
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

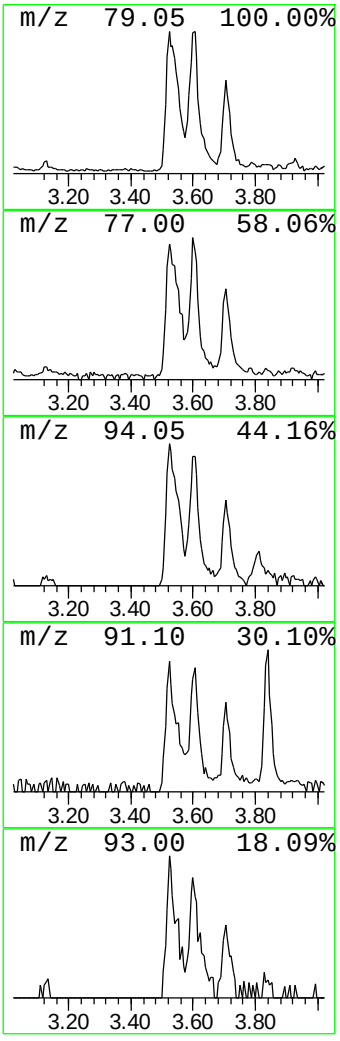
**********

Peak Number 1 1,3,5-Heptatriene, (E,E)- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.52 | 4.06 ng/ul | 186666 | 1,4-Dichlorobenzene-d4 | 7.54 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3,5-Heptatriene, (E,E)- | 94 | C7H10 | 017679-93-5 | 95 |
| 2 | 1,4-Cyclohexadiene, 1-methyl- | 94 | C7H10 | 004313-57-9 | 94 |
| 3 | 1,3,5-Hexatriene, 3-methyl-, (Z)- | 94 | C7H10 | 024587-27-7 | 94 |
| 4 | 1,3,5-Hexatriene, 3-methyl-, (E)- | 94 | C7H10 | 024587-26-6 | 91 |
| 5 | 1,3,5-Hexatriene, 2-methyl- | 94 | C7H10 | 019264-50-7 | 91 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018119.D
Acq On : 13 Dec 2018 07:07
Operator : JU/SJ
Sample : J6171-11 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F9Y15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

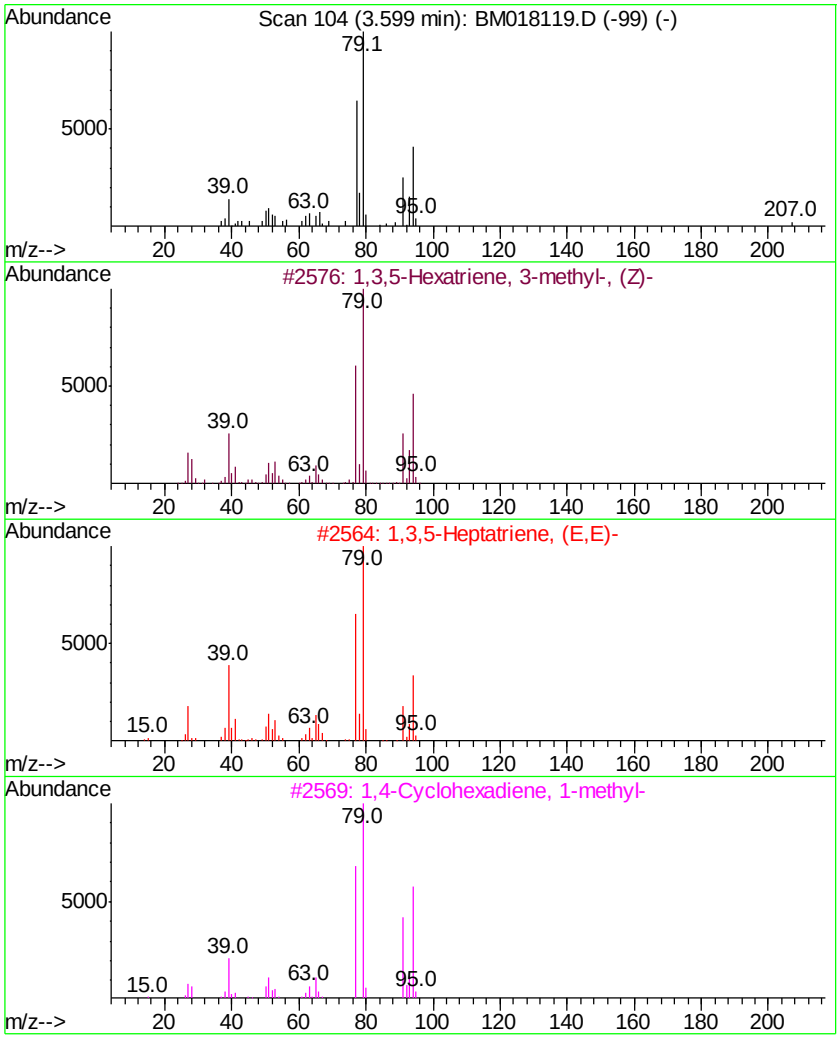
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

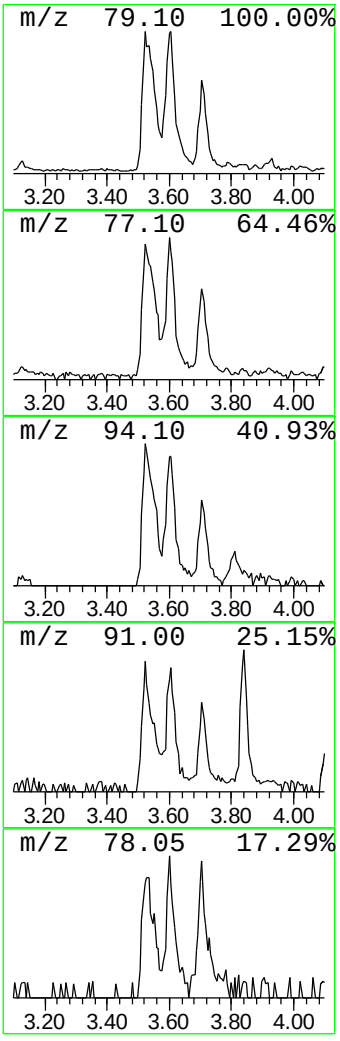
**********

Peak Number 2 1,3,5-Hexatriene, 3-methyl-... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.60 | 2.18 ng/ul | 100460 | 1,4-Dichlorobenzene-d4 | 7.54 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3,5-Hexatriene, 3-methyl-, (Z)- | 94 | C7H10 | 024587-27-7 | 91 |
| 2 | 1,3,5-Heptatriene, (E,E)- | 94 | C7H10 | 017679-93-5 | 91 |
| 3 | 1,4-Cyclohexadiene, 1-methyl- | 94 | C7H10 | 004313-57-9 | 91 |
| 4 | 1,3,5-Hexatriene, 2-methyl- | 94 | C7H10 | 019264-50-7 | 90 |
| 5 | 1,3,5-Heptatriene, (E,E)- | 94 | C7H10 | 017679-93-5 | 90 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018119.D
Acq On : 13 Dec 2018 07:07
Operator : JU/SJ
Sample : J6171-11 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F9Y15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

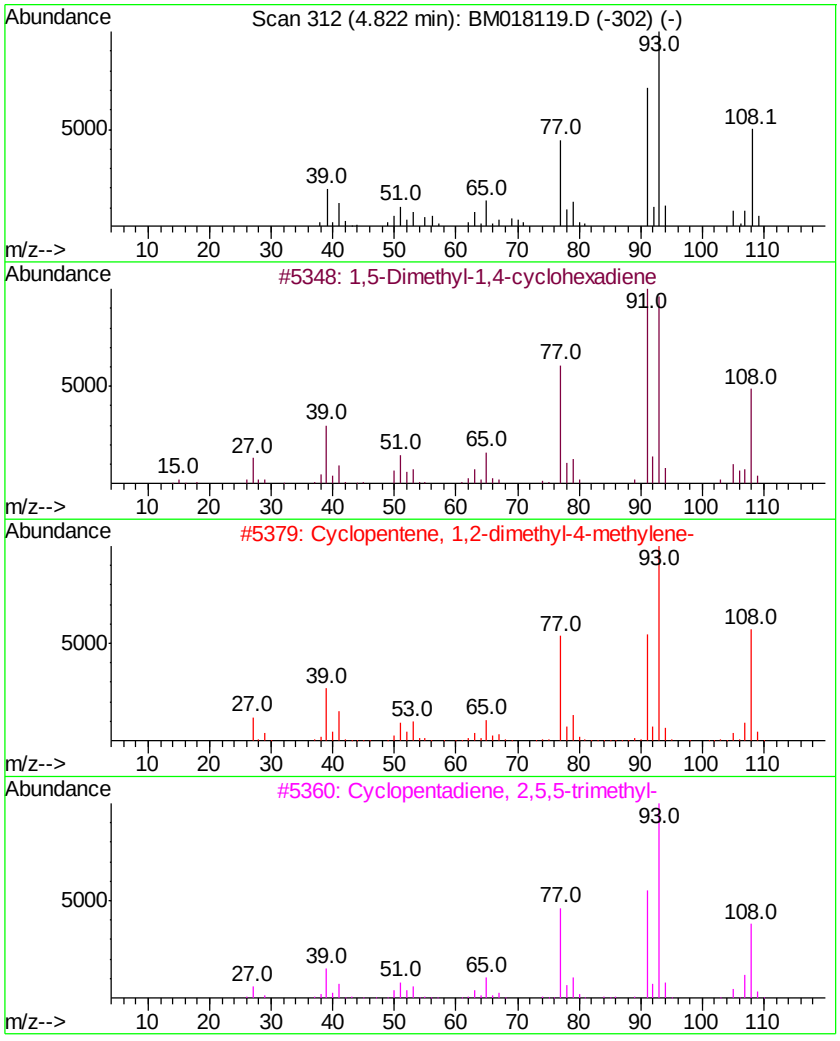
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

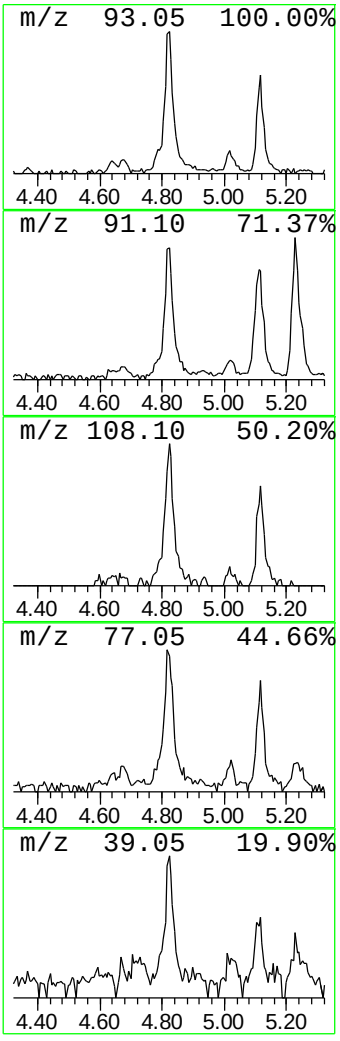
**********

Peak Number 3 1,5-Dimethyl-1,4-cyclohexad... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.82 | 3.84 ng/ul | 176680 | 1,4-Dichlorobenzene-d4 | 7.54 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,5-Dimethyl-1,4-cyclohexadiene | 108 | C8H12 | 004190-06-1 | 97 |
| 2 | Cyclopentene, 1,2-dimethyl-4-met... | 108 | C8H12 | 083615-96-7 | 94 |
| 3 | Cyclopentadiene, 2,5,5-trimethyl- | 108 | C8H12 | 007086-15-9 | 94 |
| 4 | 1,3-Cyclohexadiene, 5,6-dimethyl- | 108 | C8H12 | 005715-27-5 | 91 |
| 5 | 2,3-Dimethyl-cyclohexa-1,3-diene | 108 | C8H12 | 004430-91-5 | 91 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018119.D
Acq On : 13 Dec 2018 07:07
Operator : JU/SJ
Sample : J6171-11 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F9Y15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

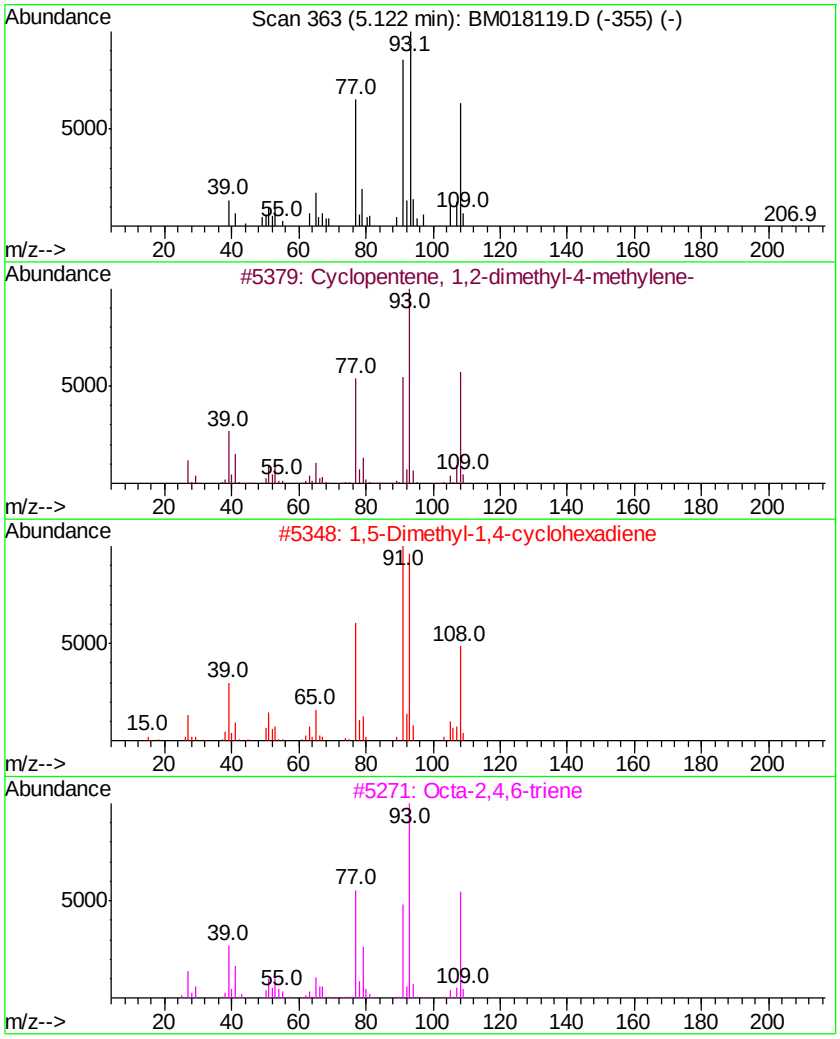
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

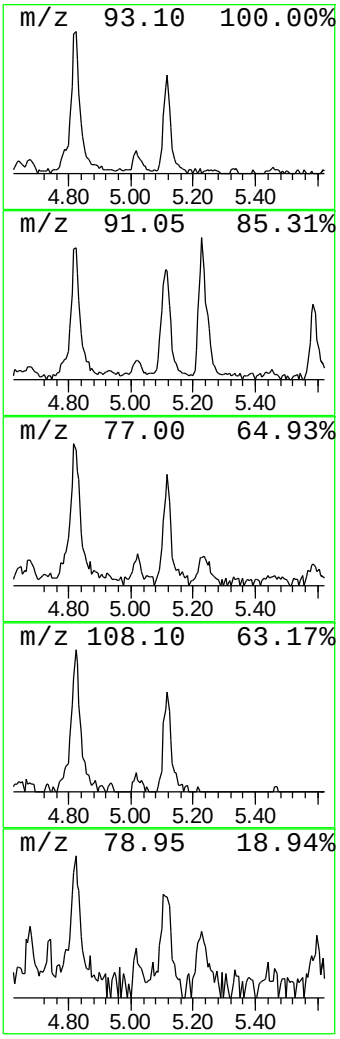
**********

Peak Number 4 Cyclopentene, 1,2-dimethyl-... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.12 | 2.27 ng/ul | 104315 | 1,4-Dichlorobenzene-d4 | 7.54 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentene, 1,2-dimethyl-4-met... | 108 | C8H12 | 083615-96-7 | 93 |
| 2 | 1,5-Dimethyl-1,4-cyclohexadiene | 108 | C8H12 | 004190-06-1 | 90 |
| 3 | Octa-2,4,6-triene | 108 | C8H12 | 1000192-48-8 | 90 |
| 4 | 1,2-Dimethyl-1,4-cyclohexadiene | 108 | C8H12 | 017351-28-9 | 90 |
| 5 | 2,3-Dimethyl-cyclohexa-1,3-diene | 108 | C8H12 | 004430-91-5 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018119.D
Acq On : 13 Dec 2018 07:07
Operator : JU/SJ
Sample : J6171-11 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F9Y15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

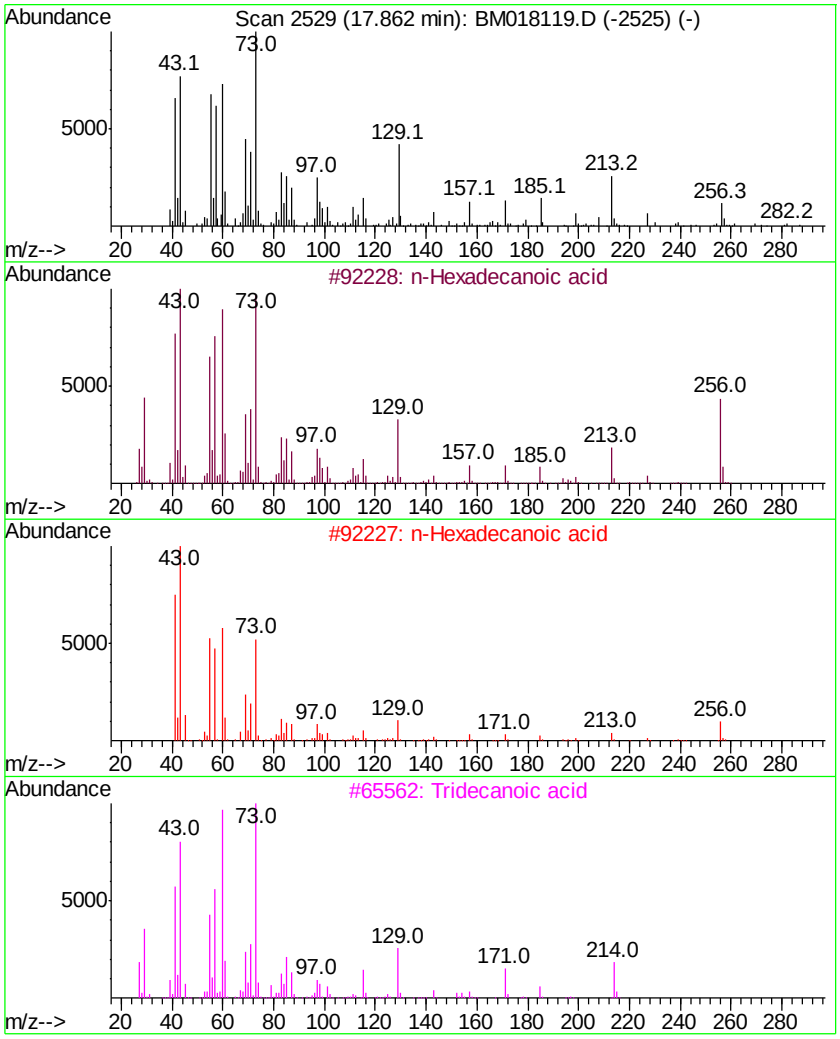
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

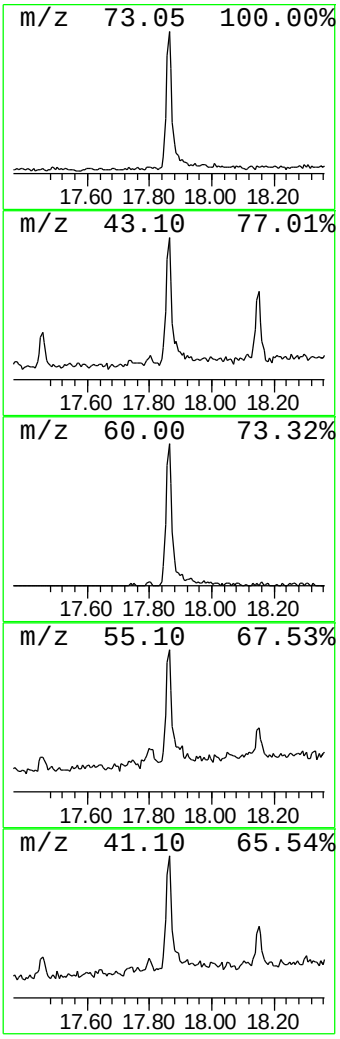
**********

Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.86 | 4.42 ng/ul | 515685 | Phenanthrene-d10 | 16.95 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 83 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 76 |
| 5 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 74 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018119.D
Acq On : 13 Dec 2018 07:07
Operator : JU/SJ
Sample : J6171-11 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F9Y15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

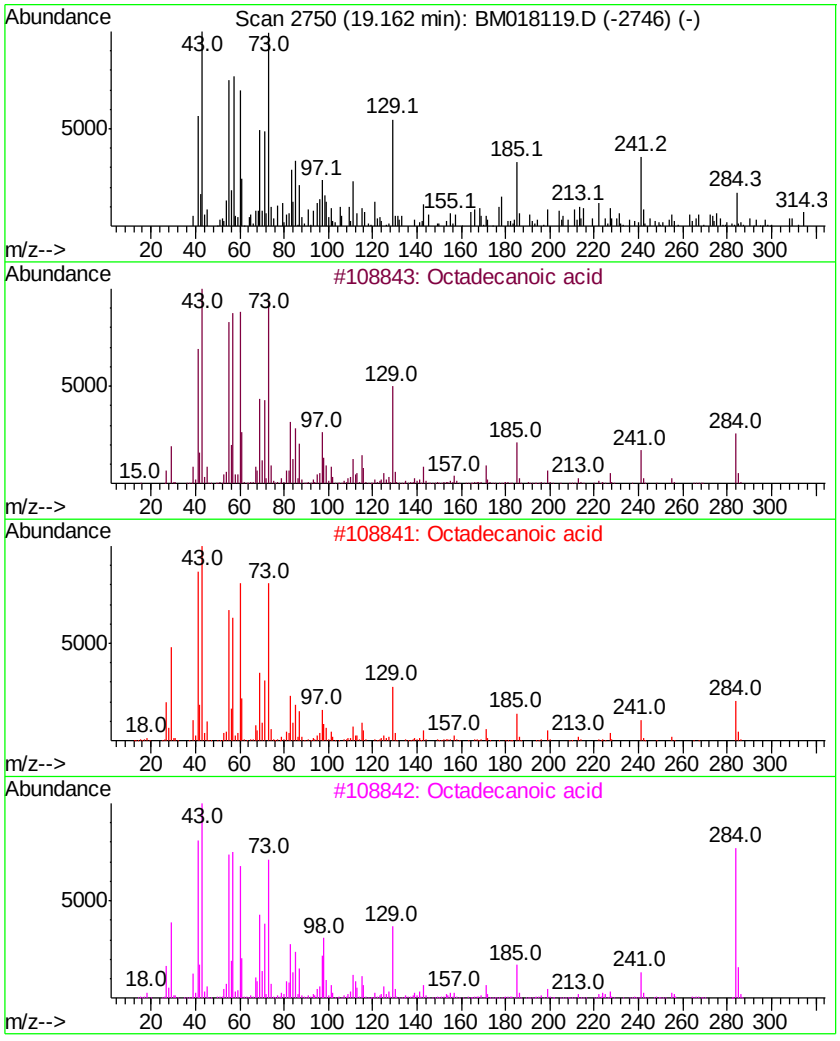
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

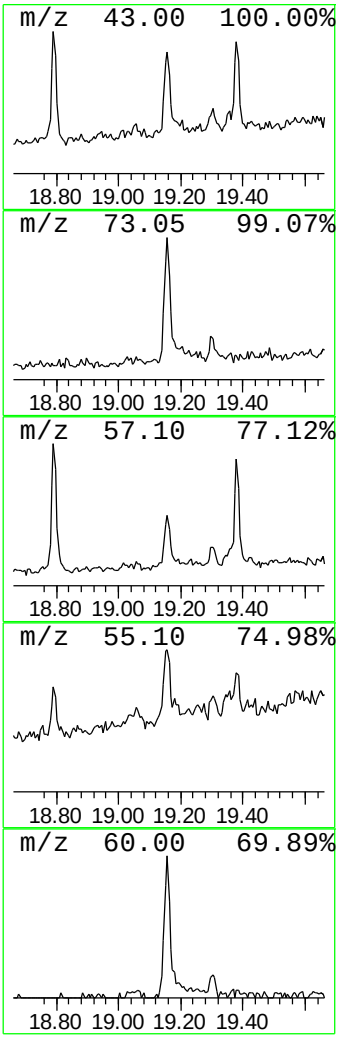
**********

Peak Number 6 Octadecanoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.16 | 2.01 ng/ul | 219718 | Chrysene-d12 | 21.17 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 96 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 93 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 90 |



# Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121218\
Data File : BM018119.D
Acq On : 13 Dec 2018 07:07
Operator : JU/SJ
Sample : J6171-11 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F9Y15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 1,3,5-Heptatriene... | 3.52 | 4.1 | ng/ul | 186666 | 1 | 7.54 | 919836 | 20.0 |
| 1,3,5-Hexatriene,... | 3.60 | 2.2 | ng/ul | 100460 | 1 | 7.54 | 919836 | 20.0 |
| 1,5-Dimethyl-1,4-... | 4.82 | 3.8 | ng/ul | 176680 | 1 | 7.54 | 919836 | 20.0 |
| Cyclopentene, 1,2... | 5.12 | 2.3 | ng/ul | 104315 | 1 | 7.54 | 919836 | 20.0 |
| n-Hexadecanoic acid | 17.86 | 4.4 | ng/ul | 515685 | 4 | 16.95 | 2332650 | 20.0 |
| Octadecanoic acid | 19.16 | 2.0 | ng/ul | 219718 | 5 | 21.17 | 2190740 | 20.0 |