LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028567.D
Acq On : 31 Aug 2017 00:17
Operator : SJ/JU
Sample : I4917-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B0B51

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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 | 3.818 | 35 | 39 | 47 | rVB5 | 6626 | 13370 | 1.23% | 0.102% |
| 2 | 4.446 | 141 | 146 | 153 | rVB4 | 4513 | 10055 | 0.92% | 0.077% |
| 3 | 4.558 | 154 | 165 | 170 | rVB7 | 5185 | 13661 | 1.26% | 0.104% |
| 4 | 4.758 | 190 | 199 | 207 | rBV | 21299 | 37448 | 3.44% | 0.285% |
| 5 | 4.875 | 212 | 219 | 232 | rVV7 | 7367 | 20441 | 1.88% | 0.156% |
| 6 | 5.157 | 262 | 267 | 276 | rVB2 | 12955 | 21652 | 1.99% | 0.165% |
| 7 | 5.445 | 309 | 316 | 321 | rBV | 4725 | 8918 | 0.82% | 0.068% |
| 8 | 5.851 | 381 | 385 | 391 | rBV3 | 6644 | 9685 | 0.89% | 0.074% |
| 9 | 5.986 | 399 | 408 | 419 | rVB2 | 27266 | 67947 | 6.25% | 0.517% |
| 10 | 6.356 | 461 | 471 | 475 | rVB7 | 4732 | 14368 | 1.32% | 0.109% |
| 11 | 6.603 | 507 | 513 | 520 | rVV4 | 2181 | 6210 | 0.57% | 0.047% |
| 12 | 6.820 | 546 | 550 | 554 | rVV3 | 3021 | 5671 | 0.52% | 0.043% |
| 13 | 6.867 | 554 | 558 | 564 | rVV4 | 4463 | 6557 | 0.60% | 0.050% |
| 14 | 6.973 | 570 | 576 | 582 | rVB6 | 4380 | 9872 | 0.91% | 0.075% |
| 15 | 7.190 | 609 | 613 | 621 | rBV6 | 2656 | 6702 | 0.62% | 0.051% |
| 16 | 7.314 | 627 | 634 | 639 | rBV2 | 12053 | 20254 | 1.86% | 0.154% |
| 17 | 7.419 | 647 | 652 | 657 | rBV2 | 22601 | 39428 | 3.63% | 0.300% |
| 18 | 7.496 | 657 | 665 | 681 | rVB | 134999 | 321796 | 29.60% | 2.449% |
| 19 | 7.654 | 685 | 692 | 701 | rBV | 99576 | 177595 | 16.34% | 1.351% |
| 20 | 7.719 | 701 | 703 | 711 | rVB6 | 4215 | 5815 | 0.53% | 0.044% |
| 21 | 7.878 | 721 | 730 | 738 | rBV | 134404 | 243407 | 22.39% | 1.852% |
| 22 | 7.978 | 742 | 747 | 755 | rVB | 29660 | 47650 | 4.38% | 0.363% |
| 23 | 8.136 | 771 | 774 | 780 | rBV4 | 3440 | 5520 | 0.51% | 0.042% |
| 24 | 8.289 | 796 | 800 | 803 | rBV3 | 3695 | 5068 | 0.47% | 0.039% |
| 25 | 8.342 | 803 | 809 | 823 | rVB2 | 154033 | 289607 | 26.64% | 2.204% |
| 26 | 8.448 | 823 | 827 | 834 | rBV2 | 9026 | 15808 | 1.45% | 0.120% |
| 27 | 8.718 | 863 | 873 | 879 | rBV4 | 7644 | 16639 | 1.53% | 0.127% |
| 28 | 8.818 | 885 | 890 | 895 | rBV4 | 7299 | 13321 | 1.23% | 0.101% |
| 29 | 8.877 | 895 | 900 | 909 | rVB3 | 11573 | 24578 | 2.26% | 0.187% |
| 30 | 8.971 | 909 | 916 | 921 | rBV4 | 18147 | 34109 | 3.14% | 0.260% |
| 31 | 9.041 | 921 | 928 | 940 | rVV | 163293 | 314198 | 28.90% | 2.391% |
| 32 | 9.135 | 940 | 944 | 947 | rVV4 | 4040 | 5980 | 0.55% | 0.046% |
| 33 | 9.176 | 947 | 951 | 957 | rVV4 | 6507 | 10050 | 0.92% | 0.076% |
| 34 | 9.276 | 965 | 968 | 973 | rBV2 | 4240 | 6341 | 0.58% | 0.048% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028567.D
Acq On : 31 Aug 2017 00:17
Operator : SJ/JU
Sample : I4917-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B0B51

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 9.347 | 974 | 980 | 984 | rVB3 | 3940 | 6837 | 0.63% | 0.052% |
| 36 | 9.441 | 984 | 996 | 1001 | rBV2 | 17372 | 35132 | 3.23% | 0.267% |
| 37 | 9.511 | 1001 | 1008 | 1018 | rVB2 | 146474 | 285992 | 26.31% | 2.176% |
| 38 | 9.605 | 1018 | 1024 | 1027 | rBV4 | 3916 | 6538 | 0.60% | 0.050% |
| 39 | 9.681 | 1035 | 1037 | 1043 | rVB3 | 4154 | 5167 | 0.48% | 0.039% |
| 40 | 9.969 | 1078 | 1086 | 1092 | rBV7 | 6951 | 13844 | 1.27% | 0.105% |
| 41 | 10.022 | 1092 | 1095 | 1100 | rBV3 | 5111 | 8037 | 0.74% | 0.061% |
| 42 | 10.234 | 1121 | 1131 | 1142 | rBV | 114910 | 230245 | 21.18% | 1.752% |
| 43 | 10.322 | 1143 | 1146 | 1152 | rBV5 | 4757 | 8532 | 0.78% | 0.065% |
| 44 | 10.387 | 1154 | 1157 | 1166 | rVB5 | 6082 | 14254 | 1.31% | 0.108% |
| 45 | 10.481 | 1169 | 1173 | 1178 | rVB6 | 3040 | 5700 | 0.52% | 0.043% |
| 46 | 10.545 | 1178 | 1184 | 1190 | rBV3 | 10846 | 19419 | 1.79% | 0.148% |
| 47 | 10.598 | 1190 | 1193 | 1198 | rVB5 | 4306 | 5907 | 0.54% | 0.045% |
| 48 | 10.727 | 1206 | 1215 | 1217 | rBV6 | 2723 | 6448 | 0.59% | 0.049% |
| 49 | 10.780 | 1217 | 1224 | 1232 | rBV | 171451 | 326326 | 30.02% | 2.483% |
| 50 | 11.027 | 1260 | 1266 | 1270 | rBV3 | 9840 | 17582 | 1.62% | 0.134% |
| 51 | 11.162 | 1281 | 1289 | 1303 | rVB | 236798 | 442893 | 40.74% | 3.370% |
| 52 | 11.291 | 1303 | 1311 | 1327 | rVB | 115005 | 245066 | 22.54% | 1.865% |
| 53 | 11.814 | 1398 | 1400 | 1414 | rVB5 | 2822 | 7410 | 0.68% | 0.056% |
| 54 | 12.132 | 1447 | 1454 | 1461 | rBV6 | 3760 | 9011 | 0.83% | 0.069% |
| 55 | 12.519 | 1515 | 1520 | 1527 | rBV4 | 3901 | 6391 | 0.59% | 0.049% |
| 56 | 12.731 | 1549 | 1556 | 1561 | rVB6 | 4117 | 9059 | 0.83% | 0.069% |
| 57 | 12.795 | 1561 | 1567 | 1574 | rBV4 | 4999 | 10219 | 0.94% | 0.078% |
| 58 | 13.448 | 1674 | 1678 | 1684 | rVB5 | 3782 | 6588 | 0.61% | 0.050% |
| 59 | 13.542 | 1689 | 1694 | 1698 | rVB3 | 3373 | 6708 | 0.62% | 0.051% |
| 60 | 13.736 | 1722 | 1727 | 1732 | rBV5 | 4484 | 7014 | 0.65% | 0.053% |
| 61 | 14.341 | 1821 | 1830 | 1834 | rBV | 335176 | 501140 | 46.10% | 3.813% |
| 62 | 14.388 | 1834 | 1838 | 1849 | rVB | 117274 | 181603 | 16.70% | 1.382% |
| 63 | 14.646 | 1875 | 1882 | 1896 | rVB | 361716 | 592764 | 54.53% | 4.511% |
| 64 | 14.799 | 1901 | 1908 | 1915 | rVB3 | 8112 | 14092 | 1.30% | 0.107% |
| 65 | 14.952 | 1924 | 1934 | 1947 | rVB2 | 365140 | 614736 | 56.55% | 4.678% |
| 66 | 15.157 | 1962 | 1969 | 1986 | rBV3 | 71157 | 175856 | 16.18% | 1.338% |
| 67 | 15.351 | 1996 | 2002 | 2008 | rVB8 | 7203 | 18852 | 1.73% | 0.143% |
| 68 | 15.416 | 2010 | 2013 | 2020 | rVB5 | 4069 | 8086 | 0.74% | 0.062% |
| 69 | 15.751 | 2065 | 2070 | 2075 | rVB3 | 13566 | 21721 | 2.00% | 0.165% |
| 70 | 15.945 | 2095 | 2103 | 2111 | rBV | 494824 | 782867 | 72.01% | 5.957% |
| 71 | 16.068 | 2118 | 2124 | 2131 | rBV | 127964 | 206755 | 19.02% | 1.573% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028567.D
Acq On : 31 Aug 2017 00:17
Operator : SJ/JU
Sample : I4917-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B0B51

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 16.156 | 2133 | 2139 | 2141 | rBV3 | 5125 | 7530 | 0.69% | 0.057% |
| 73 | 16.250 | 2152 | 2155 | 2159 | rVB4 | 3285 | 5446 | 0.50% | 0.041% |
| 74 | 16.609 | 2212 | 2216 | 2225 | rBV3 | 18337 | 35883 | 3.30% | 0.273% |
| 75 | 16.803 | 2245 | 2249 | 2258 | rVB7 | 3856 | 9090 | 0.84% | 0.069% |
| 76 | 16.891 | 2258 | 2264 | 2269 | rBV5 | 3008 | 7124 | 0.66% | 0.054% |
| 77 | 17.061 | 2291 | 2293 | 2299 | rVB5 | 3835 | 7148 | 0.66% | 0.054% |
| 78 | 17.114 | 2299 | 2302 | 2306 | rBV4 | 3984 | 6510 | 0.60% | 0.050% |
| 79 | 17.408 | 2347 | 2352 | 2356 | rBV4 | 11682 | 16784 | 1.54% | 0.128% |
| 80 | 17.572 | 2376 | 2380 | 2386 | rVB7 | 4775 | 10129 | 0.93% | 0.077% |
| 81 | 17.701 | 2396 | 2402 | 2413 | rBV2 | 455530 | 743746 | 68.41% | 5.660% |
| 82 | 17.801 | 2413 | 2419 | 2428 | rVV | 552782 | 880982 | 81.04% | 6.704% |
| 83 | 17.878 | 2428 | 2432 | 2438 | rVB8 | 6870 | 11759 | 1.08% | 0.089% |
| 84 | 18.142 | 2474 | 2477 | 2484 | rVB7 | 9072 | 13043 | 1.20% | 0.099% |
| 85 | 18.289 | 2497 | 2502 | 2503 | rBV5 | 3623 | 5361 | 0.49% | 0.041% |
| 86 | 18.318 | 2505 | 2507 | 2513 | rVB7 | 6923 | 9506 | 0.87% | 0.072% |
| 87 | 18.424 | 2521 | 2525 | 2528 | rBV5 | 4575 | 5426 | 0.50% | 0.041% |
| 88 | 18.548 | 2541 | 2546 | 2555 | rBV | 103497 | 176961 | 16.28% | 1.347% |
| 89 | 18.759 | 2578 | 2582 | 2586 | rVB5 | 4915 | 9994 | 0.92% | 0.076% |
| 90 | 18.924 | 2606 | 2610 | 2614 | rBV7 | 9667 | 17092 | 1.57% | 0.130% |
| 91 | 19.470 | 2697 | 2703 | 2704 | rBV6 | 10654 | 19786 | 1.82% | 0.151% |
| 92 | 19.805 | 2757 | 2760 | 2770 | rVB7 | 33186 | 51672 | 4.75% | 0.393% |
| 93 | 19.946 | 2780 | 2784 | 2794 | rVB | 166758 | 214839 | 19.76% | 1.635% |
| 94 | 20.081 | 2801 | 2807 | 2817 | rBV | 703459 | 1087126 | 100.00% | 8.272% |
| 95 | 20.281 | 2837 | 2841 | 2846 | rBV2 | 67183 | 96782 | 8.90% | 0.736% |
| 96 | 20.992 | 2959 | 2962 | 2966 | rVB2 | 72087 | 85390 | 7.85% | 0.650% |
| 97 | 21.603 | 3062 | 3066 | 3070 | rBV5 | 52601 | 81955 | 7.54% | 0.624% |
| 98 | 22.038 | 3133 | 3140 | 3158 | rVB | 481379 | 904645 | 83.21% | 6.884% |
| 99 | 25.310 | 3687 | 3697 | 3715 | rVB2 | 327636 | 1021689 | 93.98% | 7.774% |
| 100 | 25.557 | 3730 | 3739 | 3752 | rVB2 | 287532 | 883638 | 81.28% | 6.724% |

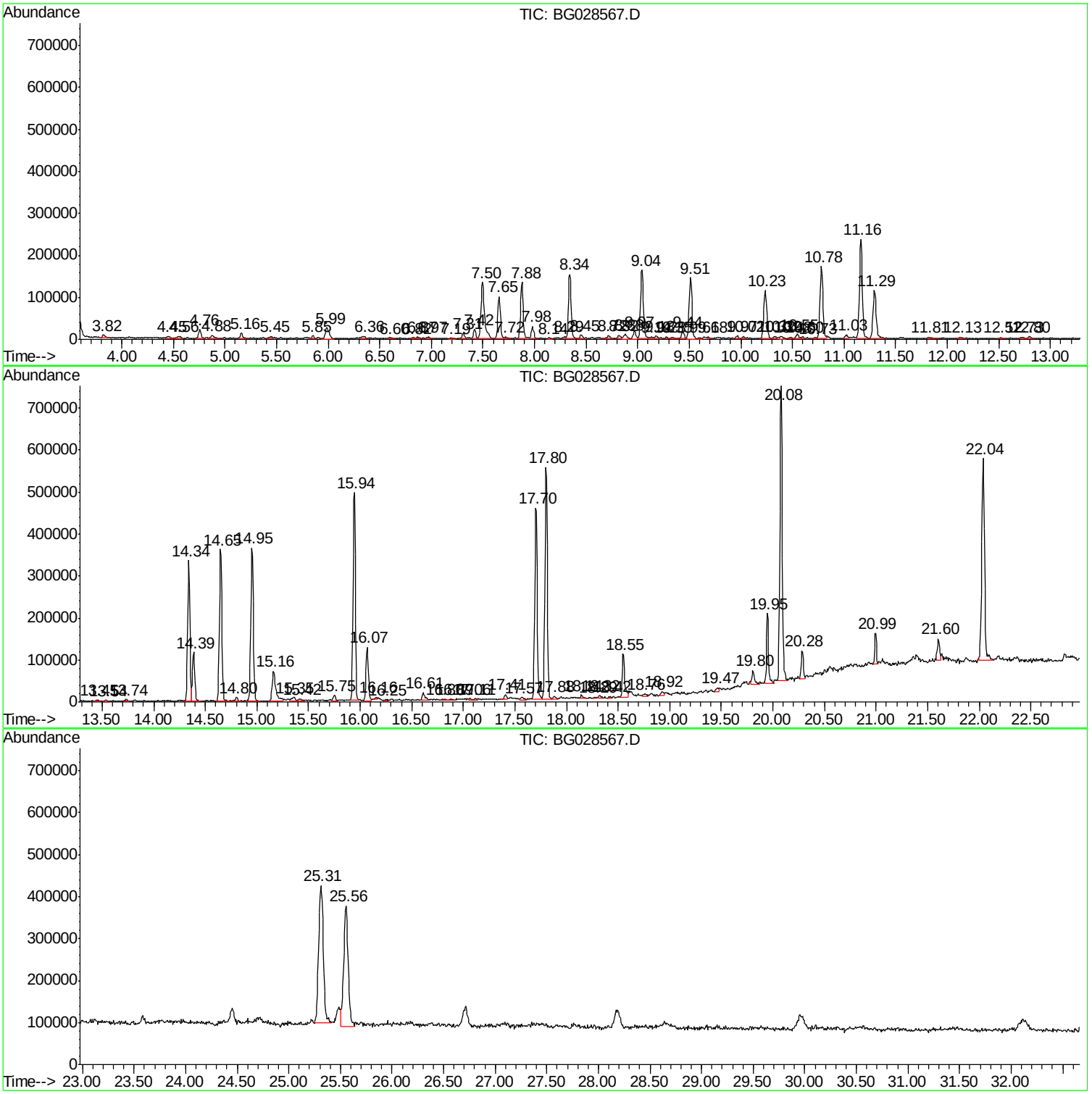
Sum of corrected areas: 13141548

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028567.D
Acq On : 31 Aug 2017 00:17
Operator : SJ/JU
Sample : I4917-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B0B51

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028567.D
Acq On : 31 Aug 2017 00:17
Operator : SJ/JU
Sample : I4917-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B0B51

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

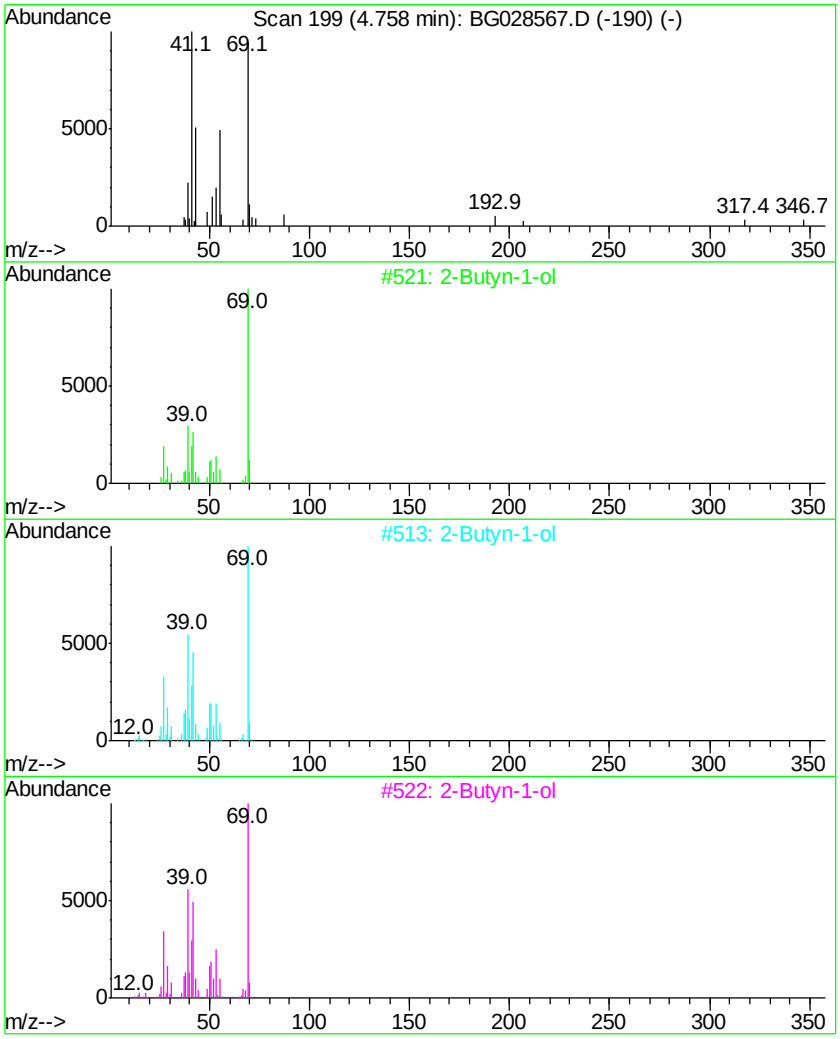
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

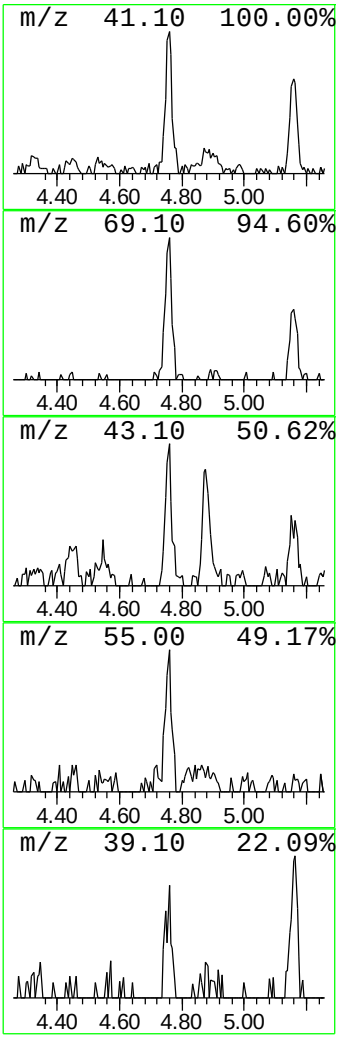
**********

Peak Number 1 2-Butyn-1-ol Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.76 | 2.59 ng/ul | 37448 | 1,4-Dichlorobenzene-d4 | 8.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Butyn-1-ol | 70 | C4H6O | 000764-01-2 | 50 |
| 2 | 2-Butyn-1-ol | 70 | C4H6O | 000764-01-2 | 40 |
| 3 | 2-Butyn-1-ol | 70 | C4H6O | 000764-01-2 | 38 |
| 4 | Methyl 2-hydroxydecanoate | 202 | C11H22O3 | 071271-24-4 | 38 |
| 5 | 2-Pentene, 4-bromo- | 148 | C5H9Br | 001809-26-3 | 9 |



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028567.D
Acq On : 31 Aug 2017 00:17
Operator : SJ/JU
Sample : I4917-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B0B51

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

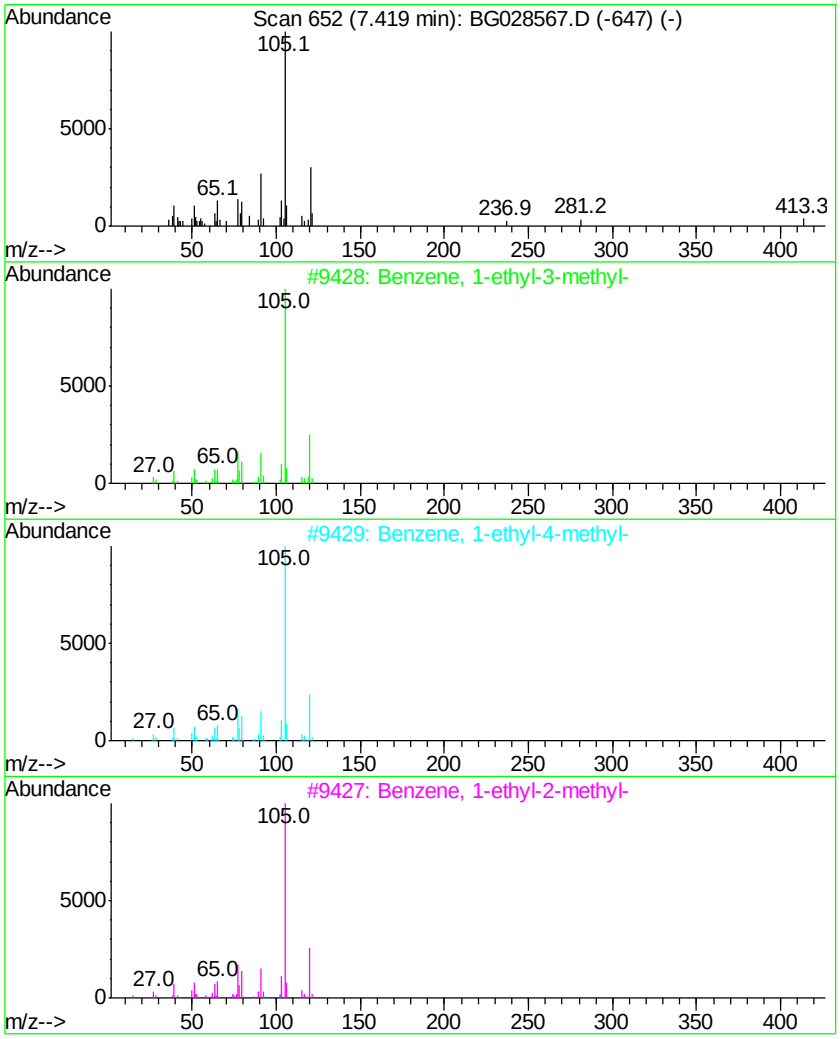
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

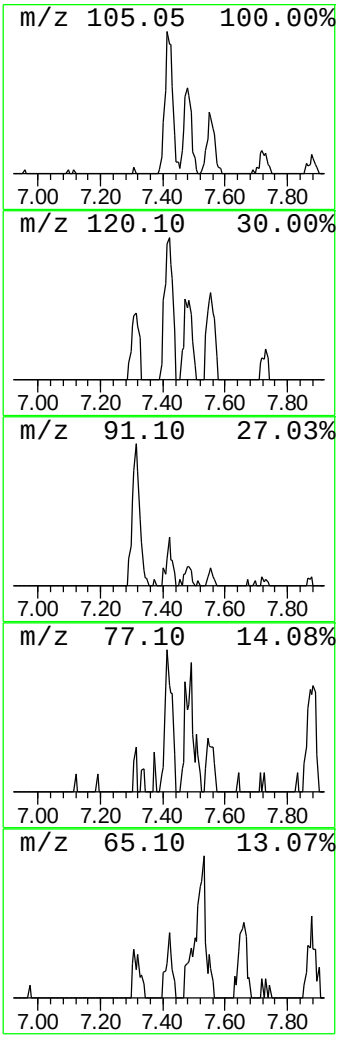
**********

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.42 | 2.72 ng/ul | 39428 | 1,4-Dichlorobenzene-d4 | 8.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 76 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 76 |
| 3 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 76 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 72 |
| 5 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 72 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028567.D
Acq On : 31 Aug 2017 00:17
Operator : SJ/JU
Sample : I4917-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B0B51

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

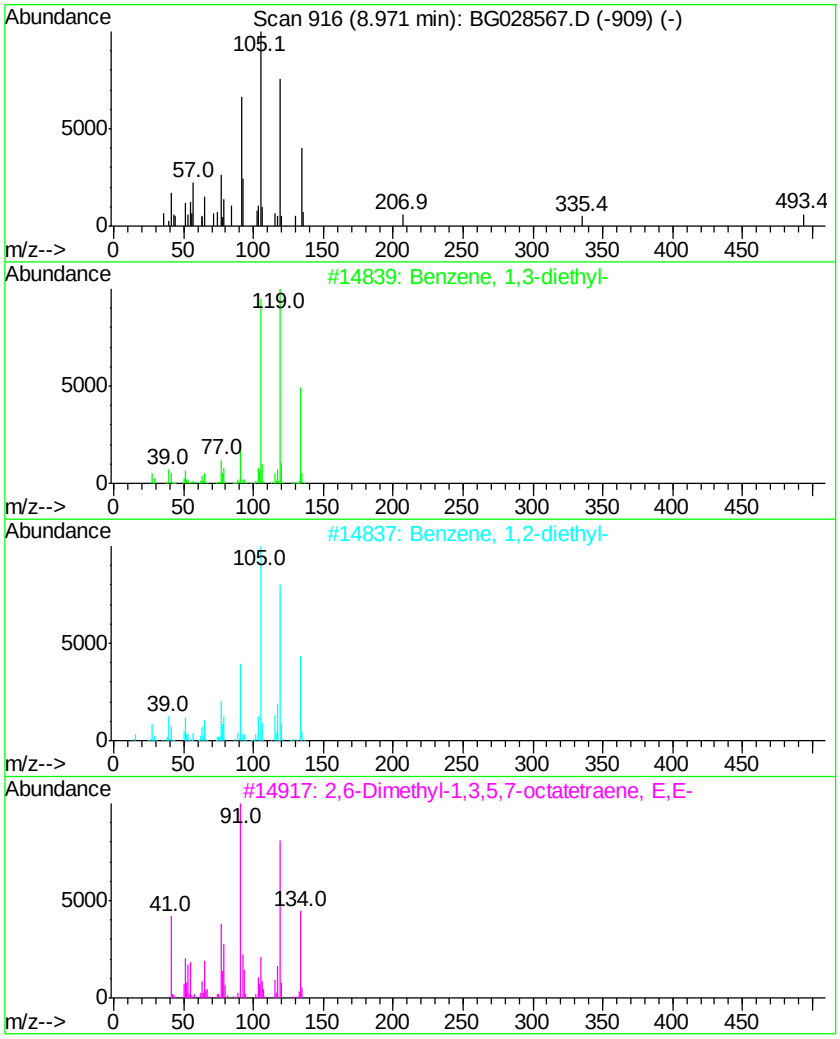
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

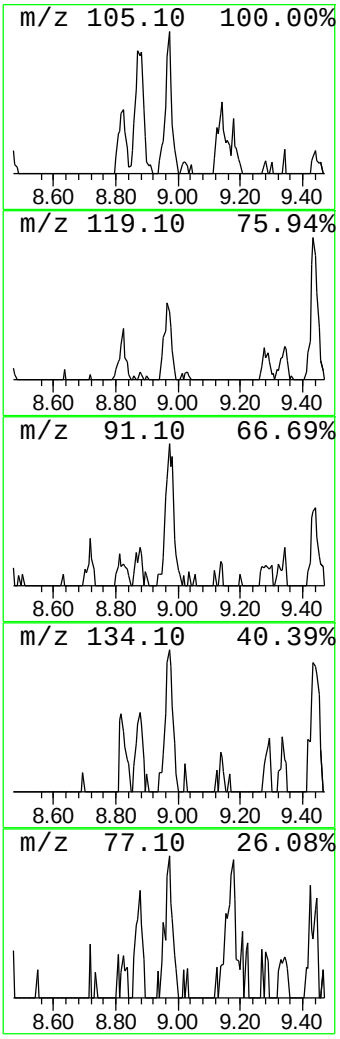
**********

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.97 | 2.36 ng/ul | 34109 | 1,4-Dichlorobenzene-d4 | 8.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 64 |
| 2 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 64 |
| 3 | 2,6-Dimethyl-1,3,5,7-octatetraen... | 134 | C10H14 | 000460-01-5 | 64 |
| 4 | 1,3,8-p-Menthatriene | 134 | C10H14 | 018368-95-1 | 53 |
| 5 | 3a,6-Methano-3aH-indene, 2,3,4,5... | 134 | C10H14 | 098640-10-9 | 52 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028567.D
Acq On : 31 Aug 2017 00:17
Operator : SJ/JU
Sample : I4917-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B0B51

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

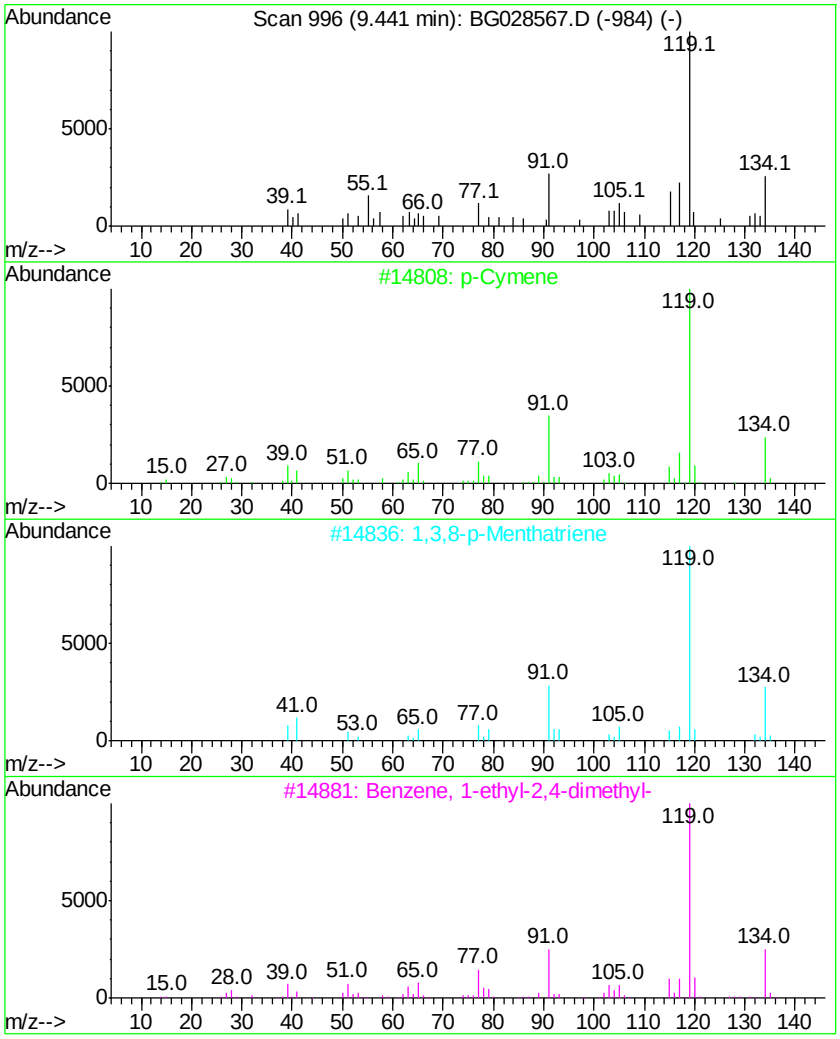
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

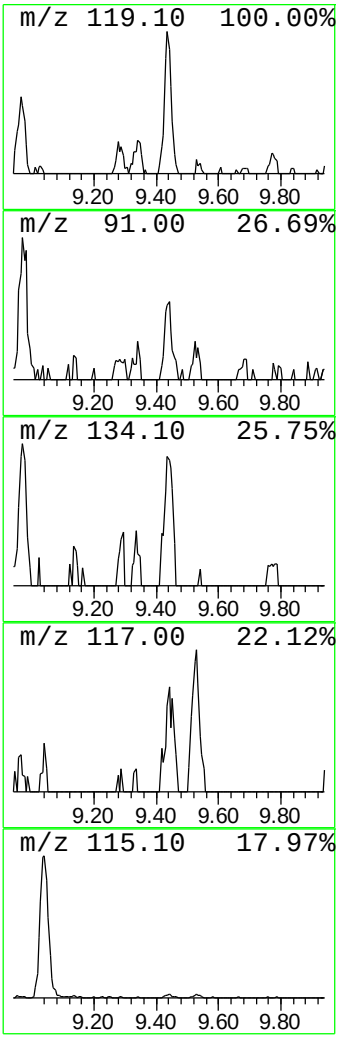
**********

Peak Number 6 p-Cymene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.44 | 2.43 ng/ul | 35132 | 1,4-Dichlorobenzene-d4 | 8.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Cymene | 134 | C10H14 | 000099-87-6 | 72 |
| 2 | 1,3,8-p-Menthatriene | 134 | C10H14 | 018368-95-1 | 59 |
| 3 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 59 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 59 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 58 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028567.D
Acq On : 31 Aug 2017 00:17
Operator : SJ/JU
Sample : I4917-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B0B51

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

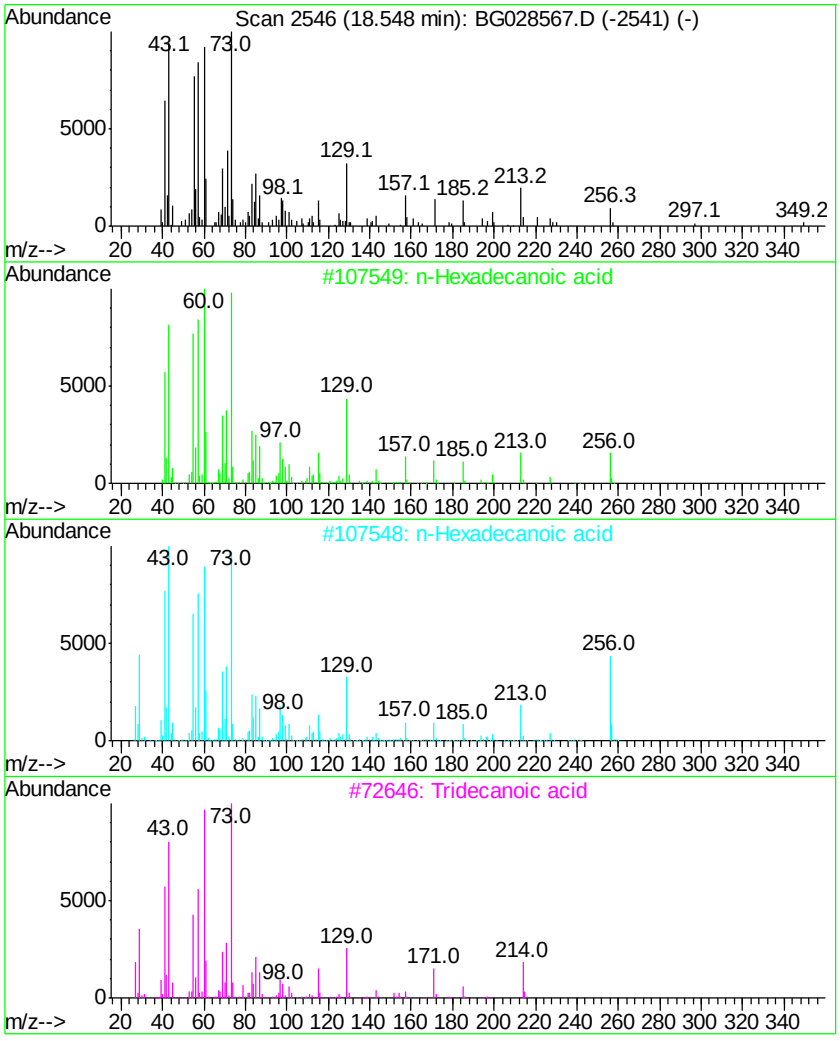
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

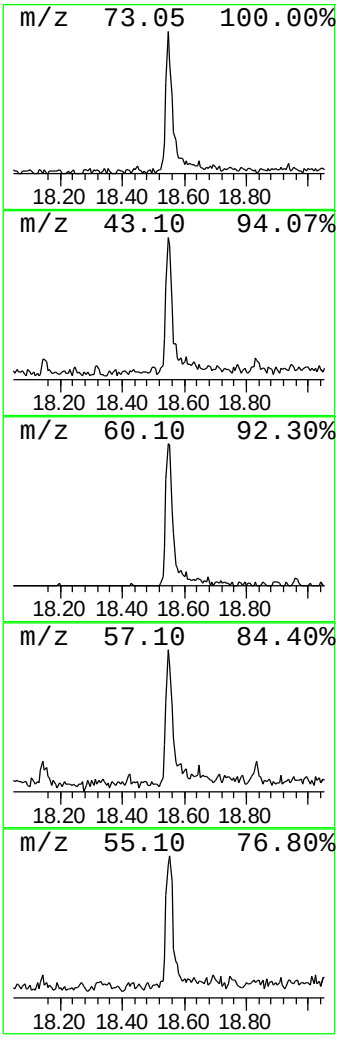
**********

Peak Number 7 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.55 | 4.76 ng/ul | 176961 | Phenanthrene-d10 | 17.70 |

| 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 | 96 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 91 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 89 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 74 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028567.D
Acq On : 31 Aug 2017 00:17
Operator : SJ/JU
Sample : I4917-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B0B51

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

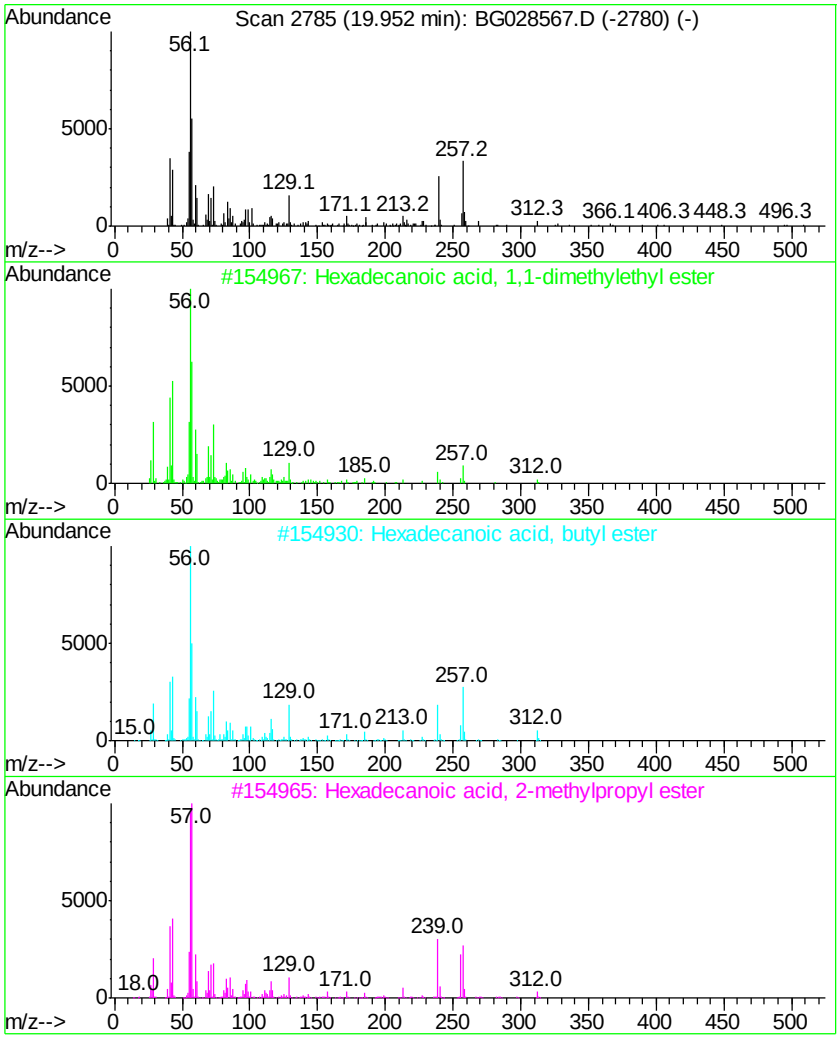
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

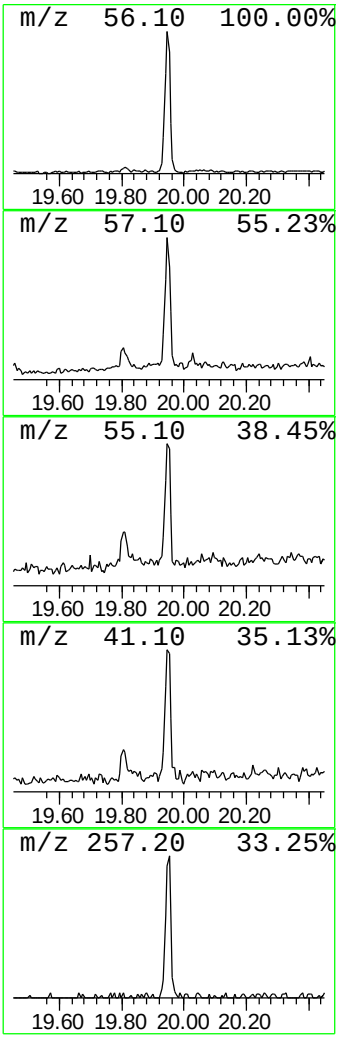
**********

Peak Number 8 Hexadecanoic acid, 1,1-dime... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.95 | 4.75 ng/ul | 214839 | Chrysene-d12 | 22.04 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecanoic acid, 1,1-dimethyle... | 312 | C20H40O2 | 031158-91-5 | 86 |
| 2 | Hexadecanoic acid, butyl ester | 312 | C20H40O2 | 000111-06-8 | 86 |
| 3 | Hexadecanoic acid, 2-methylpropy... | 312 | C20H40O2 | 000110-34-9 | 64 |
| 4 | Hexadecanoic acid, butyl ester | 312 | C20H40O2 | 000111-06-8 | 55 |
| 5 | 1,3-Pentanediol, 2,2,4-trimethyl- | 146 | C8H18O2 | 000144-19-4 | 37 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG083017\
Data File : BG028567.D
Acq On : 31 Aug 2017 00:17
Operator : SJ/JU
Sample : I4917-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B0B51

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Butyn-1-ol | 4.76 | 2.6 | ng/ul | 37448 | 1 | 8.34 | 289607 | 20.0 |
| Benzene, 1-ethyl-... | 7.42 | 2.7 | ng/ul | 39428 | 1 | 8.34 | 289607 | 20.0 |
| Benzene, 1,3-diet... | 8.97 | 2.4 | ng/ul | 34109 | 1 | 8.34 | 289607 | 20.0 |
| p-Cymene | 9.44 | 2.4 | ng/ul | 35132 | 1 | 8.34 | 289607 | 20.0 |
| n-Hexadecanoic acid | 18.55 | 4.8 | ng/ul | 176961 | 4 | 17.70 | 743746 | 20.0 |
| Hexadecanoic acid... | 19.95 | 4.8 | ng/ul | 214839 | 5 | 22.04 | 904645 | 20.0 |