LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042079.D
Acq On : 8 Aug 2019 22:38
Operator : HP/JU
Sample : K4116-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JLLD2

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_G\METHODS\SOM-EPA-BG080319MA.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 | 3.146 | 5 | 10 | 36 | rVB | 1570963 | 2495500 | 100.00% | 11.472% |
| 2 | 3.410 | 51 | 55 | 61 | rVB2 | 8494 | 13944 | 0.56% | 0.064% |
| 3 | 3.628 | 90 | 92 | 96 | rBV2 | 1539 | 2536 | 0.10% | 0.012% |
| 4 | 4.074 | 163 | 168 | 173 | rBV | 10703 | 17966 | 0.72% | 0.083% |
| 5 | 4.174 | 181 | 185 | 189 | rVB6 | 2346 | 4129 | 0.17% | 0.019% |
| 6 | 5.091 | 335 | 341 | 346 | rBV5 | 4147 | 7299 | 0.29% | 0.034% |
| 7 | 7.177 | 689 | 696 | 710 | rBV | 141716 | 275883 | 11.06% | 1.268% |
| 8 | 7.341 | 717 | 724 | 736 | rBV | 116849 | 205365 | 8.23% | 0.944% |
| 9 | 7.553 | 753 | 760 | 772 | rBV | 169440 | 296601 | 11.89% | 1.364% |
| 10 | 8.028 | 832 | 841 | 849 | rBV | 221207 | 398216 | 15.96% | 1.831% |
| 11 | 8.734 | 954 | 961 | 972 | rBV | 153224 | 293519 | 11.76% | 1.349% |
| 12 | 9.192 | 1031 | 1039 | 1053 | rBV | 154694 | 285230 | 11.43% | 1.311% |
| 13 | 9.638 | 1111 | 1115 | 1121 | rVB2 | 3497 | 5046 | 0.20% | 0.023% |
| 14 | 9.920 | 1155 | 1163 | 1174 | rBV | 135268 | 250580 | 10.04% | 1.152% |
| 15 | 10.467 | 1249 | 1256 | 1270 | rBV | 216394 | 420508 | 16.85% | 1.933% |
| 16 | 10.849 | 1314 | 1321 | 1334 | rBV | 337007 | 602576 | 24.15% | 2.770% |
| 17 | 10.978 | 1336 | 1343 | 1360 | rVV | 139089 | 301859 | 12.10% | 1.388% |
| 18 | 12.441 | 1587 | 1592 | 1602 | rVB3 | 3305 | 6737 | 0.27% | 0.031% |
| 19 | 13.240 | 1721 | 1728 | 1731 | rBV4 | 5928 | 8955 | 0.36% | 0.041% |
| 20 | 14.086 | 1864 | 1872 | 1876 | rBV | 446475 | 692505 | 27.75% | 3.184% |
| 21 | 14.133 | 1876 | 1880 | 1888 | rVB | 154381 | 233499 | 9.36% | 1.073% |
| 22 | 14.374 | 1915 | 1921 | 1934 | rVB | 522583 | 863094 | 34.59% | 3.968% |
| 23 | 14.597 | 1954 | 1959 | 1963 | rBV2 | 1875 | 3048 | 0.12% | 0.014% |
| 24 | 14.685 | 1966 | 1974 | 1982 | rBV2 | 593777 | 913682 | 36.61% | 4.200% |
| 25 | 14.756 | 1982 | 1986 | 1989 | rVB2 | 1660 | 2692 | 0.11% | 0.012% |
| 26 | 14.873 | 2000 | 2006 | 2026 | rBV | 92275 | 209327 | 8.39% | 0.962% |
| 27 | 15.097 | 2039 | 2044 | 2049 | rVB2 | 16357 | 24572 | 0.98% | 0.113% |
| 28 | 15.537 | 2117 | 2119 | 2125 | rVB2 | 3384 | 3270 | 0.13% | 0.015% |
| 29 | 15.678 | 2136 | 2143 | 2157 | rBV | 715841 | 1114226 | 44.65% | 5.122% |
| 30 | 15.790 | 2157 | 2162 | 2176 | rVV | 149489 | 242468 | 9.72% | 1.115% |
| 31 | 15.925 | 2180 | 2185 | 2189 | rVB | 7855 | 10583 | 0.42% | 0.049% |
| 32 | 16.372 | 2256 | 2261 | 2265 | rBV | 13826 | 23070 | 0.92% | 0.106% |
| 33 | 16.460 | 2273 | 2276 | 2281 | rVB3 | 5099 | 6040 | 0.24% | 0.028% |
| 34 | 16.671 | 2310 | 2312 | 2317 | rBV2 | 1627 | 2499 | 0.10% | 0.011% |

LSC Area Percent Report

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Operator : HP/JU
Sample : K4116-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JLLD2

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_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 16.930 | 2351 | 2356 | 2359 | rVB5 | 4411 | 6497 | 0.26% | 0.030% |
| 36 | 17.229 | 2404 | 2407 | 2410 | rVV4 | 2304 | 3091 | 0.12% | 0.014% |
| 37 | 17.435 | 2434 | 2442 | 2448 | rBV | 695249 | 1126052 | 45.12% | 5.177% |
| 38 | 17.535 | 2453 | 2459 | 2471 | rVB | 777457 | 1188327 | 47.62% | 5.463% |
| 39 | 17.823 | 2506 | 2508 | 2510 | rVV3 | 3042 | 2818 | 0.11% | 0.013% |
| 40 | 17.840 | 2510 | 2511 | 2515 | rVV3 | 3031 | 3191 | 0.13% | 0.015% |
| 41 | 17.935 | 2524 | 2527 | 2531 | rBV3 | 2674 | 4489 | 0.18% | 0.021% |
| 42 | 18.328 | 2588 | 2594 | 2606 | rBV4 | 68779 | 150819 | 6.04% | 0.693% |
| 43 | 18.522 | 2623 | 2627 | 2631 | rVB5 | 3105 | 4553 | 0.18% | 0.021% |
| 44 | 18.628 | 2643 | 2645 | 2647 | rBV3 | 3971 | 2670 | 0.11% | 0.012% |
| 45 | 18.663 | 2647 | 2651 | 2653 | rBV5 | 3819 | 5280 | 0.21% | 0.024% |
| 46 | 18.822 | 2671 | 2678 | 2681 | rBV9 | 5751 | 10986 | 0.44% | 0.051% |
| 47 | 18.951 | 2697 | 2700 | 2703 | rBV4 | 2397 | 3162 | 0.13% | 0.015% |
| 48 | 19.004 | 2707 | 2709 | 2711 | rBV3 | 2848 | 3213 | 0.13% | 0.015% |
| 49 | 19.098 | 2724 | 2725 | 2727 | rBV2 | 3059 | 2695 | 0.11% | 0.012% |
| 50 | 19.145 | 2729 | 2733 | 2737 | rBV5 | 4183 | 6321 | 0.25% | 0.029% |
| 51 | 19.186 | 2737 | 2740 | 2741 | rBV3 | 3696 | 3991 | 0.16% | 0.018% |
| 52 | 19.256 | 2749 | 2752 | 2757 | rVB4 | 14218 | 16272 | 0.65% | 0.075% |
| 53 | 19.333 | 2761 | 2765 | 2767 | rBV3 | 3146 | 3165 | 0.13% | 0.015% |
| 54 | 19.380 | 2771 | 2773 | 2774 | rBV2 | 2842 | 2526 | 0.10% | 0.012% |
| 55 | 19.462 | 2781 | 2787 | 2788 | rBV | 14321 | 18540 | 0.74% | 0.085% |
| 56 | 19.491 | 2788 | 2792 | 2798 | rVB | 53873 | 78979 | 3.16% | 0.363% |
| 57 | 19.562 | 2802 | 2804 | 2806 | rVB3 | 4164 | 2921 | 0.12% | 0.013% |
| 58 | 19.603 | 2807 | 2811 | 2815 | rBV4 | 19572 | 31448 | 1.26% | 0.145% |
| 59 | 19.721 | 2826 | 2831 | 2836 | rBV3 | 9654 | 20112 | 0.81% | 0.092% |
| 60 | 19.826 | 2842 | 2849 | 2858 | rBV | 981653 | 1552384 | 62.21% | 7.136% |
| 61 | 19.962 | 2868 | 2872 | 2876 | rVB | 29224 | 36140 | 1.45% | 0.166% |
| 62 | 20.020 | 2880 | 2882 | 2883 | rBV2 | 5286 | 3002 | 0.12% | 0.014% |
| 63 | 20.061 | 2883 | 2889 | 2894 | rVV | 38854 | 53990 | 2.16% | 0.248% |
| 64 | 20.161 | 2903 | 2906 | 2907 | rBV3 | 6213 | 7745 | 0.31% | 0.036% |
| 65 | 20.261 | 2921 | 2923 | 2927 | rBV5 | 5557 | 8423 | 0.34% | 0.039% |
| 66 | 20.361 | 2932 | 2940 | 2945 | rVV2 | 60530 | 101212 | 4.06% | 0.465% |
| 67 | 20.461 | 2951 | 2957 | 2961 | rBV2 | 46945 | 67799 | 2.72% | 0.312% |
| 68 | 20.643 | 2985 | 2988 | 2992 | rBV6 | 6928 | 12200 | 0.49% | 0.056% |
| 69 | 20.860 | 3022 | 3025 | 3028 | rVB2 | 22103 | 25739 | 1.03% | 0.118% |
| 70 | 21.037 | 3052 | 3055 | 3061 | rVB | 41518 | 57407 | 2.30% | 0.264% |
| 71 | 21.372 | 3106 | 3112 | 3124 | rBV2 | 198221 | 423020 | 16.95% | 1.945% |

LSC Area Percent Report

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Operator : HP/JU
Sample : K4116-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JLLD2

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_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 21.718 | 3163 | 3171 | 3177 | rBV | 763020 | 1353029 | 54.22% | 6.220% |
| 73 | 21.924 | 3203 | 3206 | 3211 | rBV | 30687 | 43687 | 1.75% | 0.201% |
| 74 | 22.553 | 3306 | 3313 | 3331 | rVB4 | 143345 | 465687 | 18.66% | 2.141% |
| 75 | 23.258 | 3429 | 3433 | 3439 | rVB | 61116 | 107913 | 4.32% | 0.496% |
| 76 | 24.086 | 3566 | 3574 | 3580 | rBV | 114245 | 260405 | 10.43% | 1.197% |
| 77 | 24.151 | 3580 | 3585 | 3596 | rVV5 | 56281 | 190051 | 7.62% | 0.874% |
| 78 | 24.286 | 3604 | 3608 | 3618 | rVB2 | 50818 | 123326 | 4.94% | 0.567% |
| 79 | 24.762 | 3679 | 3689 | 3698 | rBV | 529345 | 1431119 | 57.35% | 6.579% |
| 80 | 24.991 | 3717 | 3728 | 3736 | rBV2 | 454580 | 1358493 | 54.44% | 6.245% |
| 81 | 26.219 | 3929 | 3937 | 3948 | rVB3 | 66785 | 210271 | 8.43% | 0.967% |
| 82 | 26.372 | 3952 | 3963 | 3973 | rBV3 | 34874 | 184993 | 7.41% | 0.850% |
| 83 | 27.611 | 4165 | 4174 | 4182 | rBV6 | 28199 | 96626 | 3.87% | 0.444% |
| 84 | 29.086 | 4417 | 4425 | 4437 | rVB10 | 33835 | 125870 | 5.04% | 0.579% |
| 85 | 32.394 | 4974 | 4988 | 5005 | rVB3 | 93129 | 513081 | 20.56% | 2.359% |

Sum of corrected areas: 21752754

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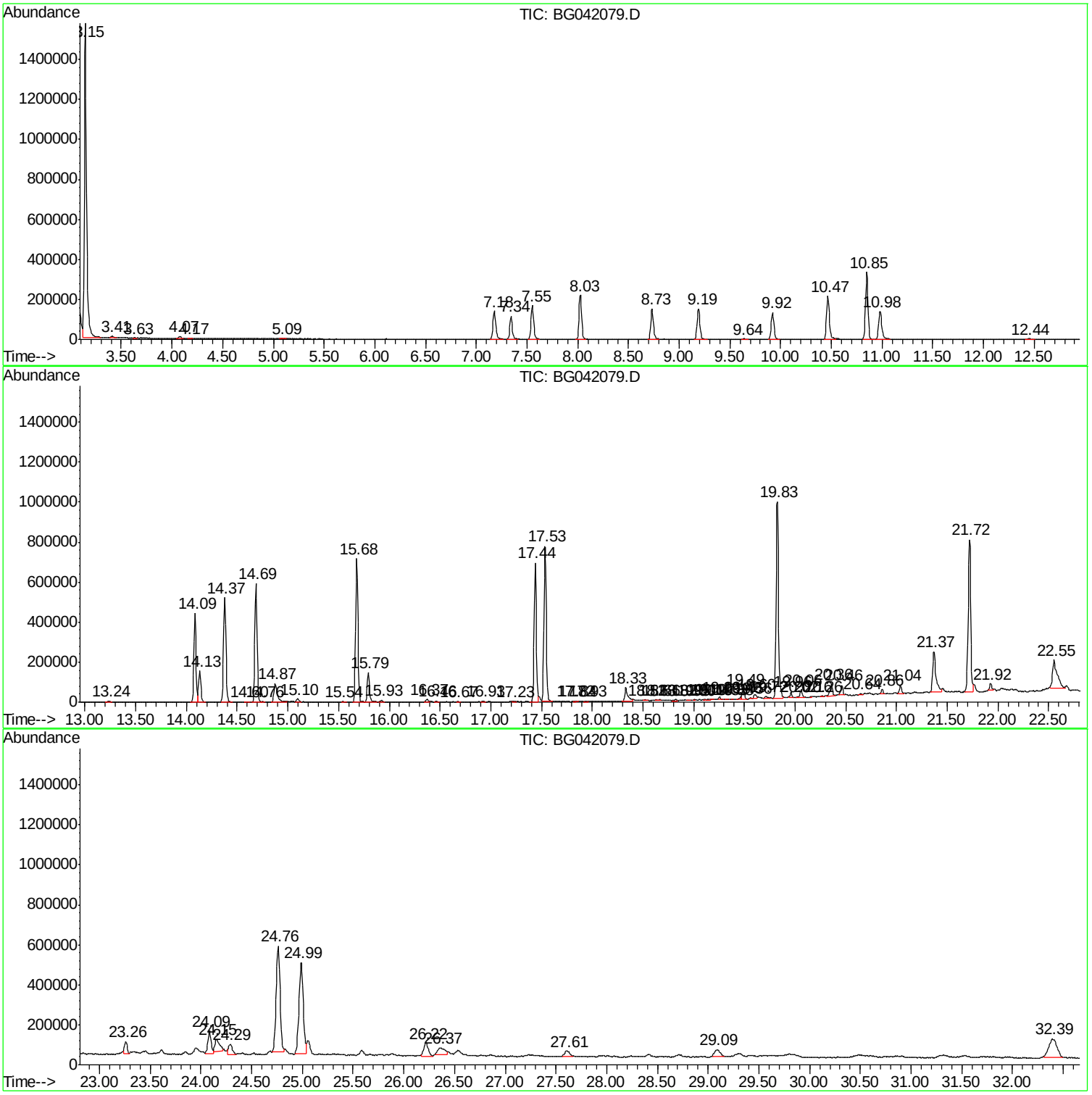
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JLLD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042079.D
Acq On : 8 Aug 2019 22:38
Operator : HP/JU
Sample : K4116-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JLLD2

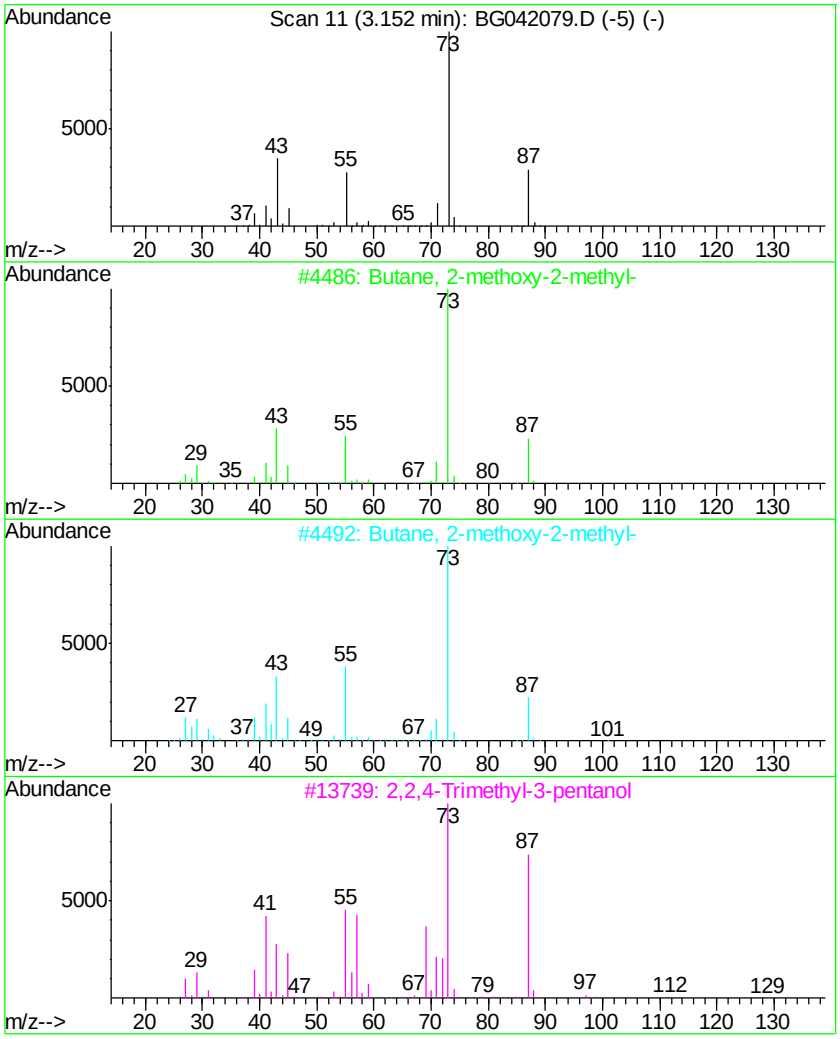
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

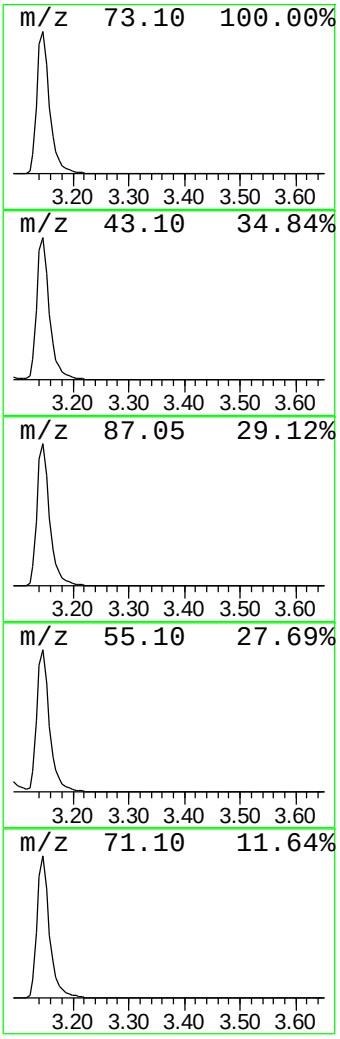
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.15 | 125.33 ng/ul | 2495500 | 1,4-Dichlorobenzene-d4 | 8.02 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 59 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 59 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 17 |
| 5 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042079.D
Acq On : 8 Aug 2019 22:38
Operator : HP/JU
Sample : K4116-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JLLD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

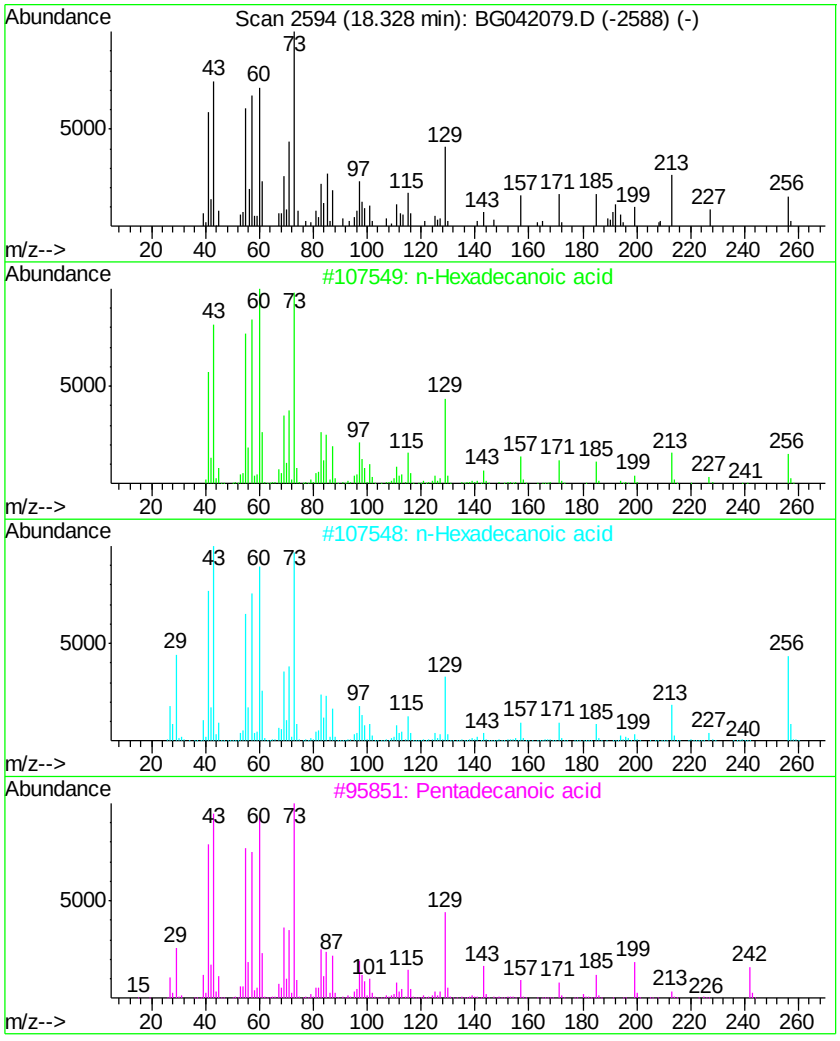
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

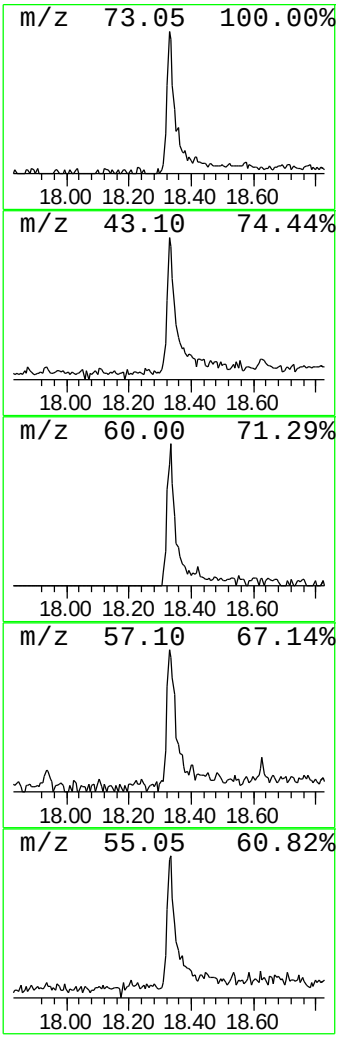
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.33 | 2.68 ng/ul | 150819 | Phenanthrene-d10 | 17.44 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 96 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 68 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 64 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 55 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042079.D
Acq On : 8 Aug 2019 22:38
Operator : HP/JU
Sample : K4116-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JLLD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

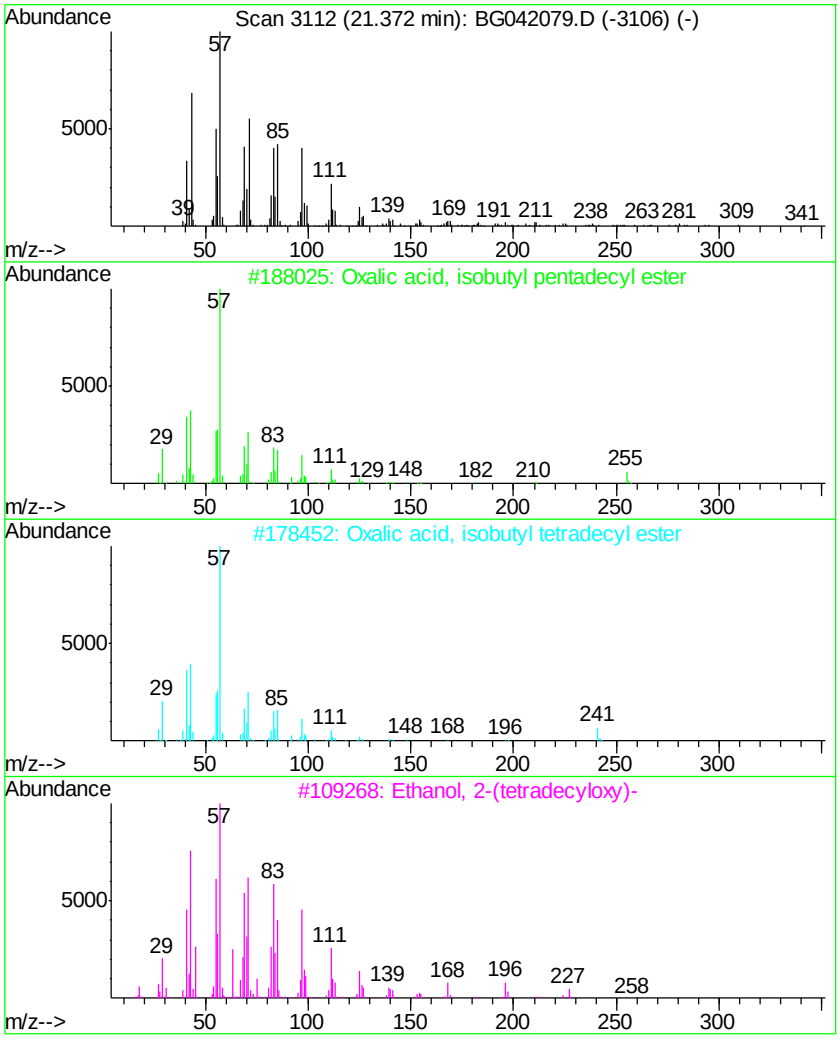
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

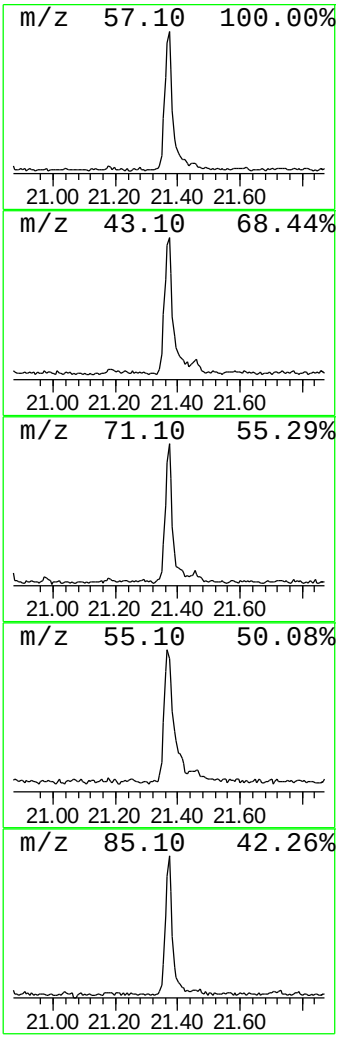
**********

Peak Number 3 Oxalic acid, isobutyl penta... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.37 | 6.25 ng/ul | 423020 | Chrysene-d12 | 21.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxalic acid, isobutyl pentadecyl... | 356 | C21H40O4 | 1000309-38-0 | 91 |
| 2 | Oxalic acid, isobutyl tetradecyl... | 342 | C20H38O4 | 1000309-37-9 | 91 |
| 3 | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1 | 90 |
| 4 | Oxalic acid, isobutyl heptadecyl... | 384 | C23H44O4 | 1000309-38-2 | 90 |
| 5 | 1-Decanol, 2-hexyl- | 242 | C16H34O | 002425-77-6 | 90 |



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Data File : BG042079.D
Acq On : 8 Aug 2019 22:38
Operator : HP/JU
Sample : K4116-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JLLD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

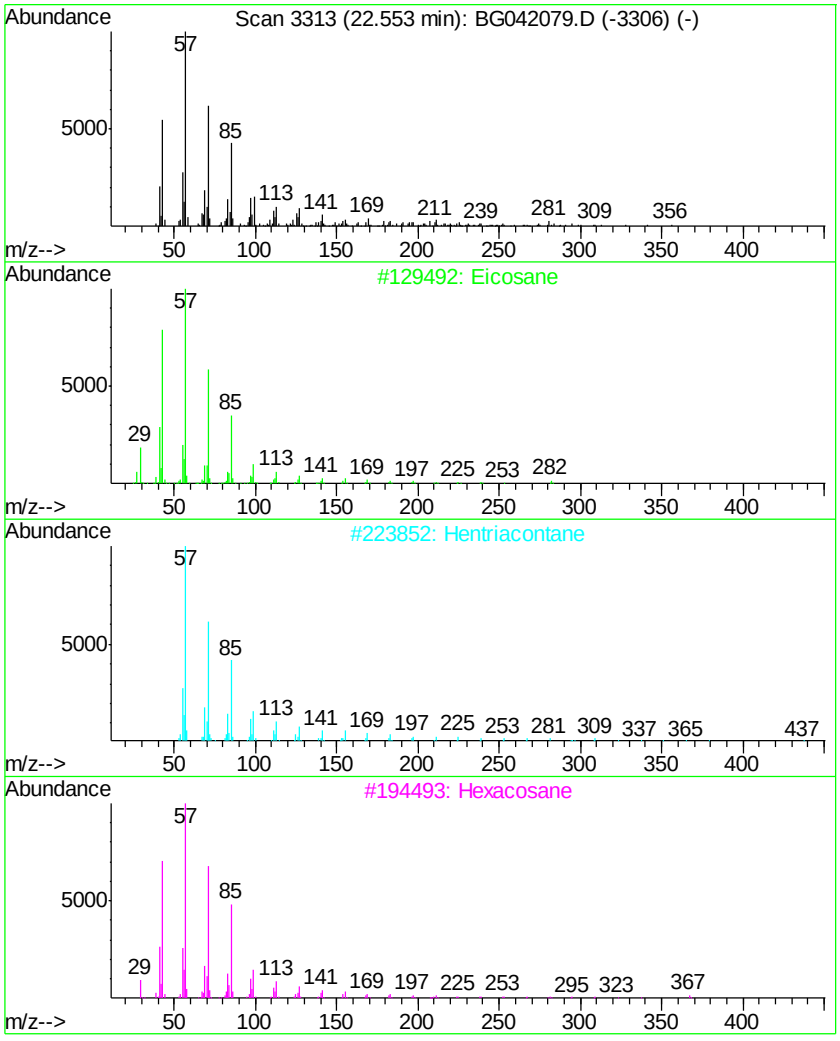
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

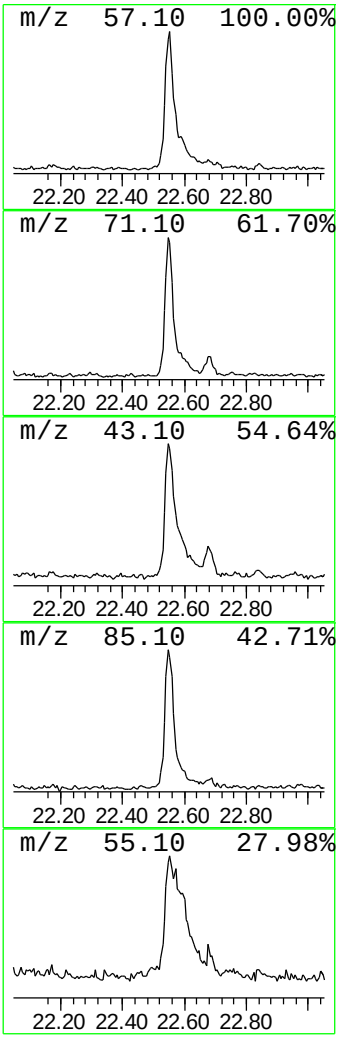
**********

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.55 | 6.88 ng/ul | 465687 | Chrysene-d12 | 21.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 95 |
| 2 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 91 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 4 | Docosane | 310 | C22H46 | 000629-97-0 | 90 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 90 |



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Data File : BG042079.D
Acq On : 8 Aug 2019 22:38
Operator : HP/JU
Sample : K4116-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JLLD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

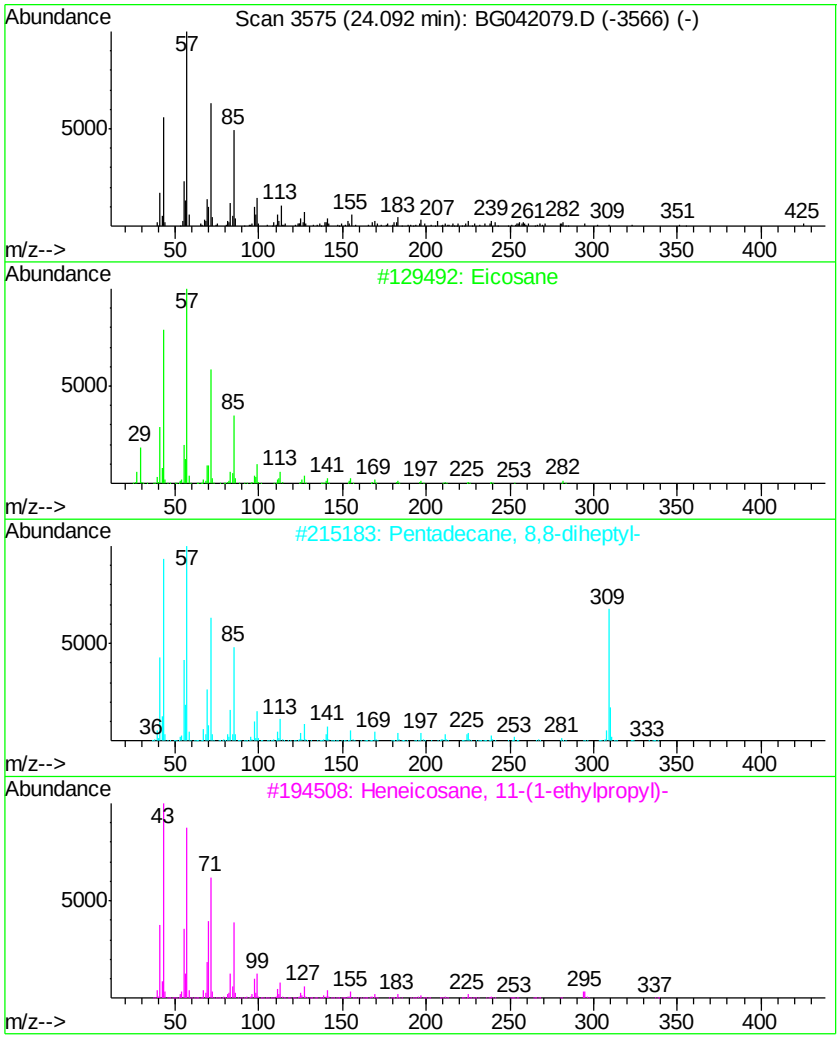
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

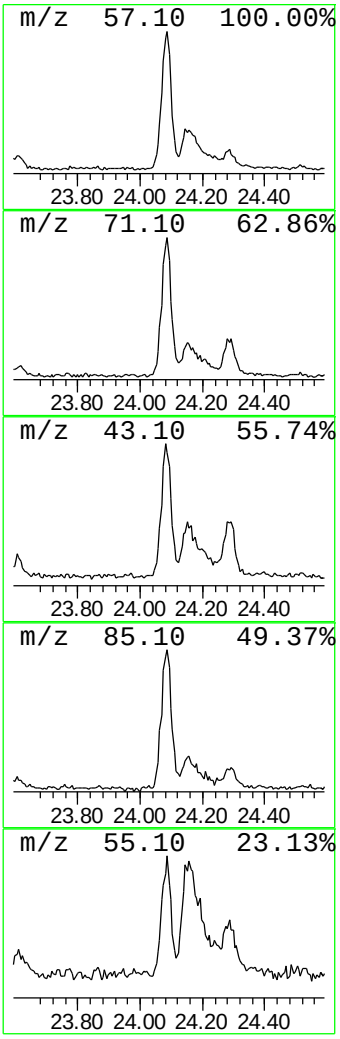
**********

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.09 | 3.83 ng/ul | 260405 | Perylene-d12 | 24.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 93 |
| 2 | Pentadecane, 8,8-diheptyl- | 408 | C29H60 | 055268-72-9 | 91 |
| 3 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 87 |
| 4 | Docosane | 310 | C22H46 | 000629-97-0 | 87 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |



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Data File : BG042079.D
Acq On : 8 Aug 2019 22:38
Operator : HP/JU
Sample : K4116-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JLLD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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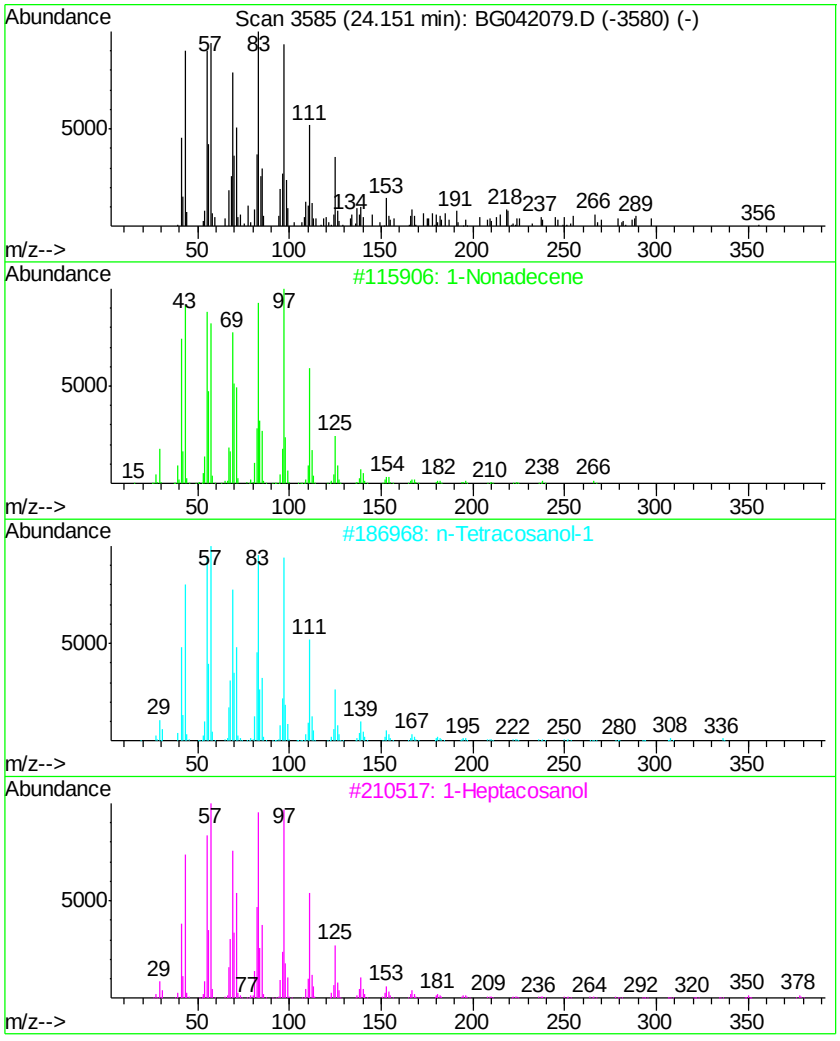
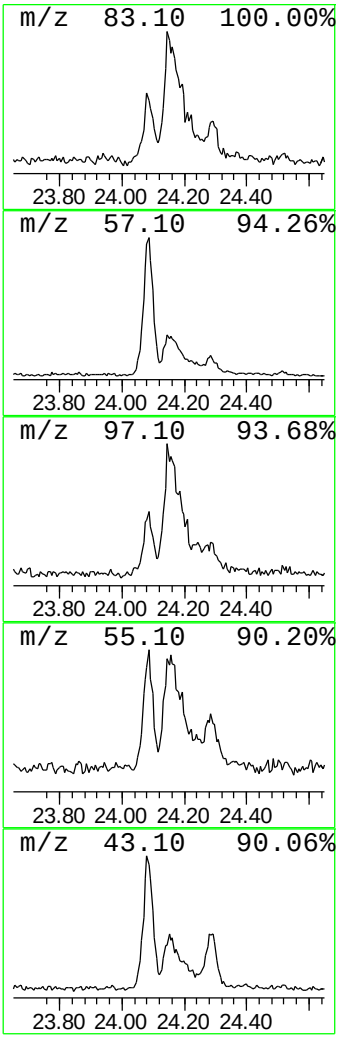
Peak Number 6 (DEL) Alkane: Cyclic24.15 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.15 | 2.80 ng/ul | 190051 | Perylene-d12 | 24.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 96 |
| 2 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 95 |
| 3 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 95 |
| 4 | Octacosanol | 410 | C28H58O | 000557-61-9 | 93 |
| 5 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042079.D
Acq On : 8 Aug 2019 22:38
Operator : HP/JU
Sample : K4116-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JLLD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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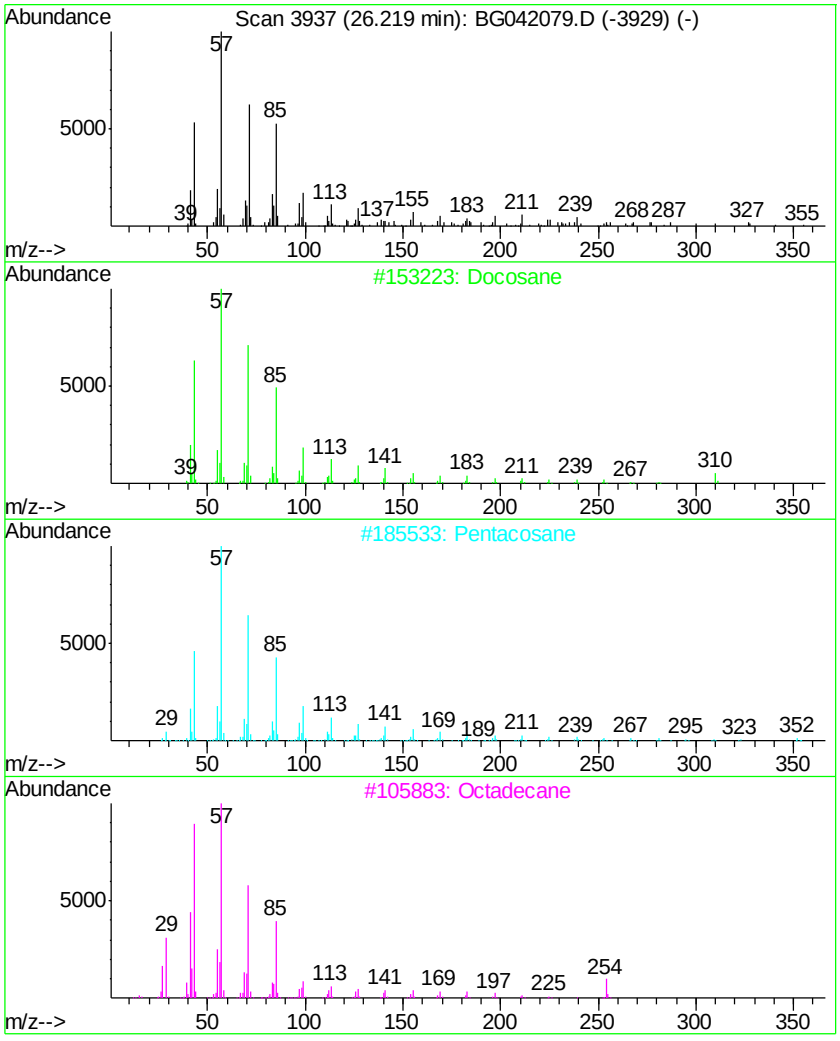
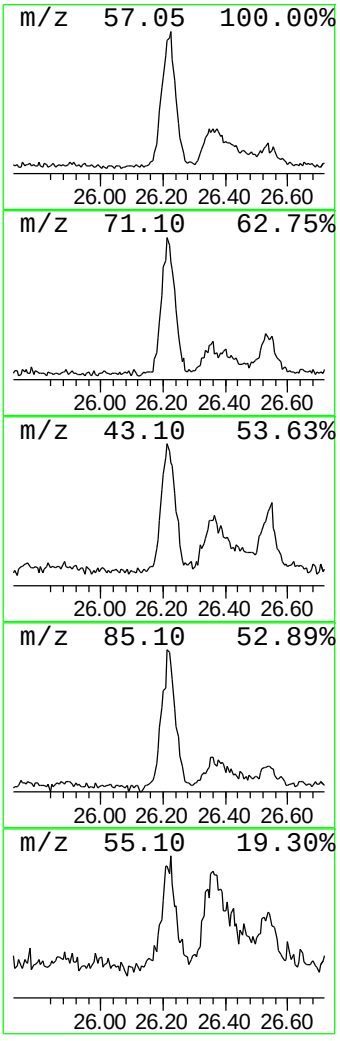
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.22 | 3.10 ng/ul | 210271 | Perylene-d12 | 24.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Docosane | 310 | C22H46 | 000629-97-0 | 93 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 91 |
| 3 | Octadecane | 254 | C18H38 | 000593-45-3 | 91 |
| 4 | Eicosane, 2-methyl- | 296 | C21H44 | 001560-84-5 | 91 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042079.D
Acq On : 8 Aug 2019 22:38
Operator : HP/JU
Sample : K4116-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JLLD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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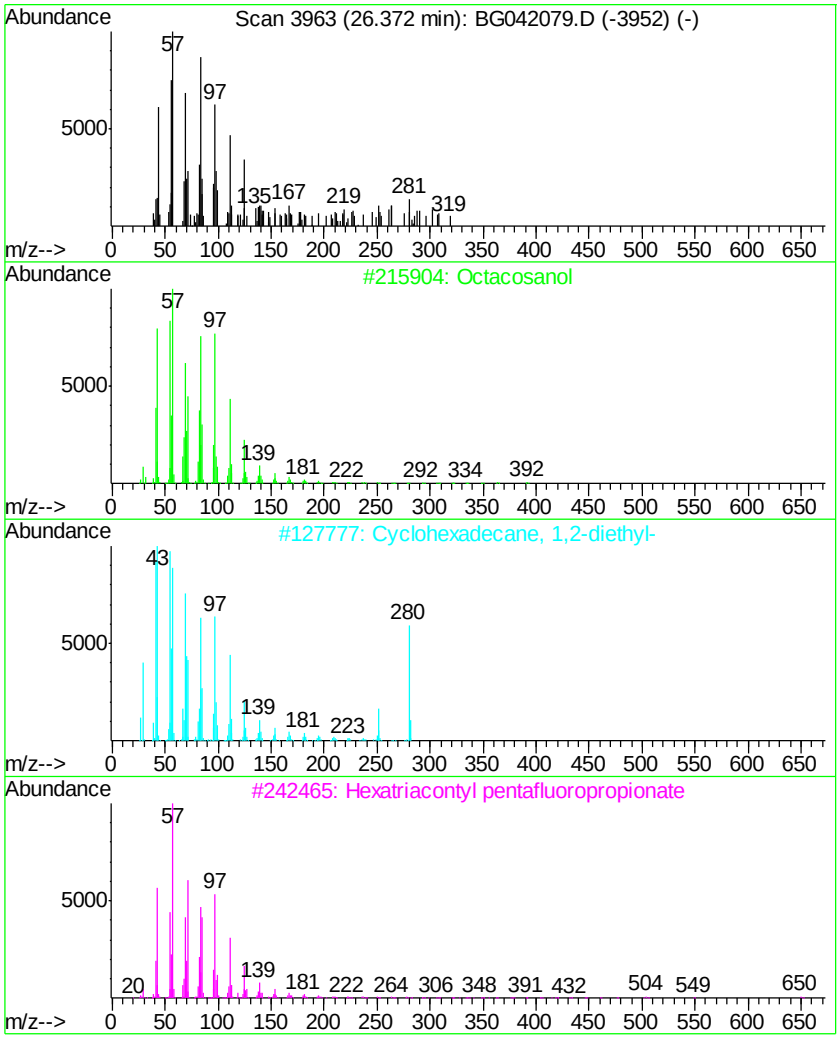
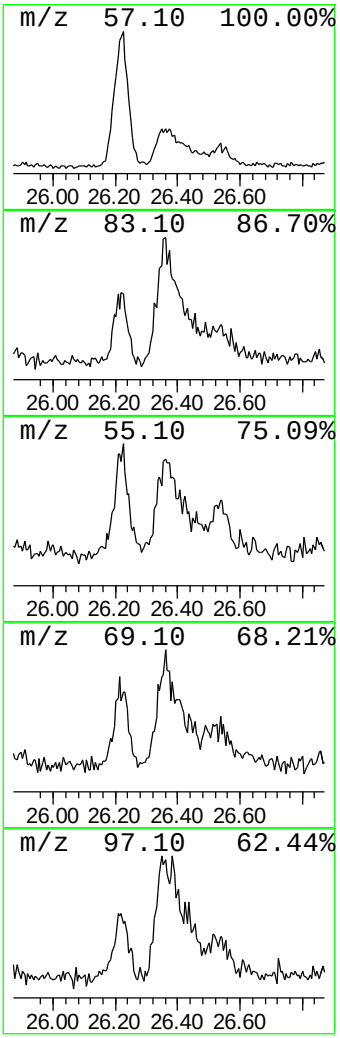
Peak Number 8 Octacosanol Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.37 | 2.72 ng/ul | 184993 | Perylene-d12 | 24.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosanol | 410 | C28H58O | 000557-61-9 | 64 |
| 2 | Cyclohexadecane, 1,2-diethyl- | 280 | C20H40 | 1000155-85-3 | 60 |
| 3 | Hexatriacontyl pentafluoropropio... | 669 | C39H73F5O2 | 1000351-89-0 | 52 |
| 4 | 1-Hexadecene, 16-bromo- | 302 | C16H31Br | 118625-56-2 | 52 |
| 5 | Cycloeicosane | 280 | C20H40 | 000296-56-0 | 52 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042079.D
Acq On : 8 Aug 2019 22:38
Operator : HP/JU
Sample : K4116-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JLLD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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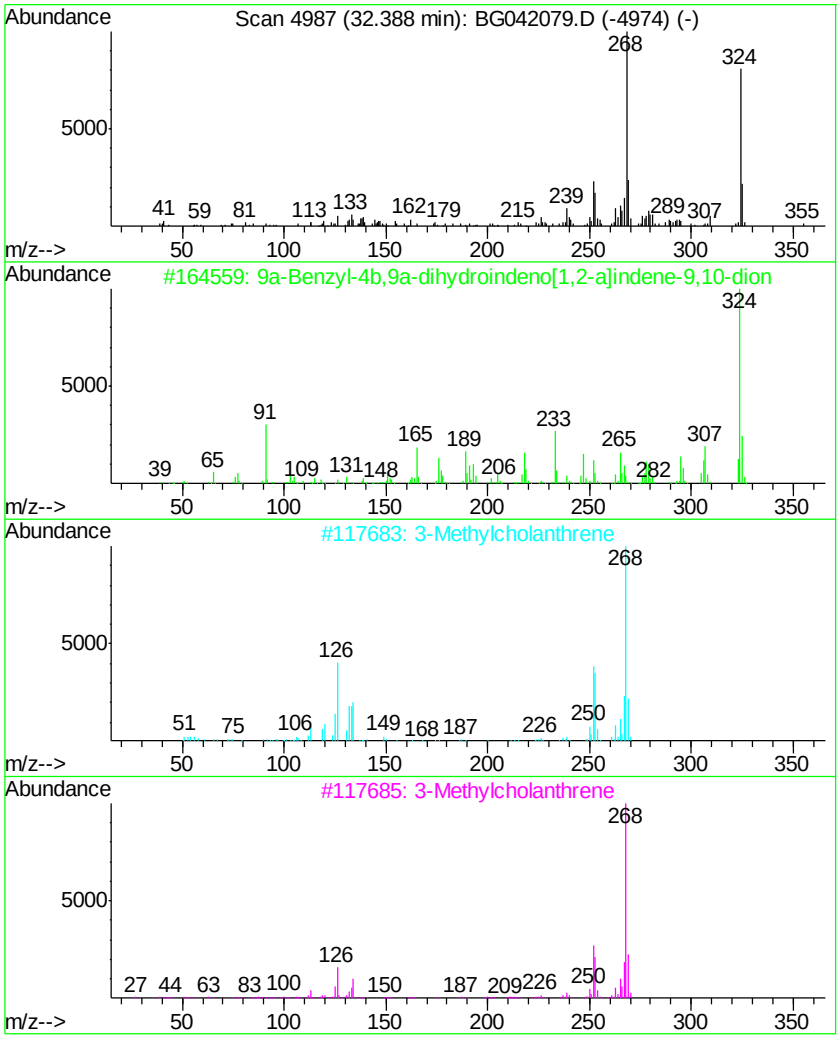
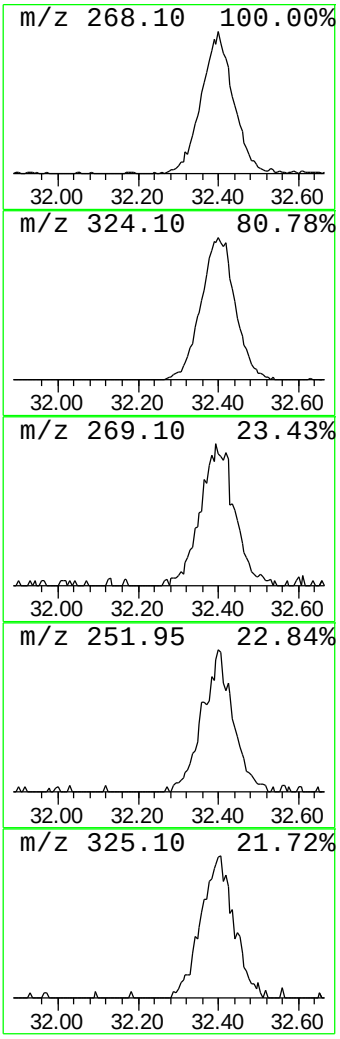
Peak Number 9 9a-Benzyl-4b,9a-dihydroinde... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 32.39 | 7.55 ng/ul | 513081 | Perylene-d12 | 24.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9a-Benzyl-4b,9a-dihydroindeno[1,... | 324 | C23H16O2 | 140462-96-0 | 64 |
| 2 | 3-Methylcholanthrene | 268 | C21H16 | 000056-49-5 | 53 |
| 3 | 3-Methylcholanthrene | 268 | C21H16 | 000056-49-5 | 53 |
| 4 | 4H-Dibenz[a,kl]anthracene, 5,6-d... | 268 | C21H16 | 007198-87-0 | 46 |
| 5 | [1,1':4',1''-Terphenyl]-4-carbon... | 325 | C24H23N | 054211-46-0 | 45 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080819\
Data File : BG042079.D
Acq On : 8 Aug 2019 22:38
Operator : HP/JU
Sample : K4116-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** JLLD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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 |
| Butane, 2-methoxy... | 3.15 | 125.3 | ng/ul | 2495500 | 1 | 8.02 | 398216 | 20.0 |
| n-Hexadecanoic acid | 18.33 | 2.7 | ng/ul | 150819 | 4 | 17.44 | 1126050 | 20.0 |
| Oxalic acid, isob... | 21.37 | 6.3 | ng/ul | 423020 | 5 | 21.72 | 1353030 | 20.0 |
| (DEL) Alkane: Str... | 22.55 | 6.9 | ng/ul | 465687 | 5 | 21.72 | 1353030 | 20.0 |
| (DEL) Alkane: Str... | 24.09 | 3.8 | ng/ul | 260405 | 6 | 24.99 | 1358490 | 20.0 |
| (DEL) Alkane: Cyc... | 24.15 | 2.8 | ng/ul | 190051 | 6 | 24.99 | 1358490 | 20.0 |
| (DEL) Alkane: Str... | 26.22 | 3.1 | ng/ul | 210271 | 6 | 24.99 | 1358490 | 20.0 |
| Octacosanol | 26.37 | 2.7 | ng/ul | 184993 | 6 | 24.99 | 1358490 | 20.0 |
| 9a-Benzyl-4b,9a-d... | 32.39 | 7.5 | ng/ul | 513081 | 6 | 24.99 | 1358490 | 20.0 |