LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042110.D
Acq On : 9 Aug 2019 20:10
Operator : HP/JU
Sample : K4041-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BENX3

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 | 3.147 | 5 | 10 | 33 | rVB | 1393401 | 2275806 | 100.00% | 11.007% |
| 2 | 3.412 | 52 | 55 | 59 | rBV3 | 7014 | 7509 | 0.33% | 0.036% |
| 3 | 3.653 | 92 | 96 | 98 | rBV3 | 1741 | 2667 | 0.12% | 0.013% |
| 4 | 3.935 | 141 | 144 | 150 | rVB7 | 3823 | 5943 | 0.26% | 0.029% |
| 5 | 4.076 | 163 | 168 | 173 | rBV | 9013 | 15782 | 0.69% | 0.076% |
| 6 | 4.170 | 178 | 184 | 189 | rBV5 | 2993 | 6674 | 0.29% | 0.032% |
| 7 | 7.184 | 689 | 697 | 712 | rBV2 | 131728 | 297099 | 13.05% | 1.437% |
| 8 | 7.342 | 718 | 724 | 734 | rBV | 104341 | 186775 | 8.21% | 0.903% |
| 9 | 7.554 | 754 | 760 | 772 | rVV | 157205 | 286807 | 12.60% | 1.387% |
| 10 | 8.024 | 834 | 840 | 852 | rBV | 219757 | 388638 | 17.08% | 1.880% |
| 11 | 8.735 | 955 | 961 | 977 | rBV | 178221 | 343182 | 15.08% | 1.660% |
| 12 | 9.193 | 1031 | 1039 | 1049 | rBV2 | 148822 | 273498 | 12.02% | 1.323% |
| 13 | 9.640 | 1110 | 1115 | 1121 | rVB2 | 2808 | 4011 | 0.18% | 0.019% |
| 14 | 9.922 | 1156 | 1163 | 1177 | rBV | 130053 | 243998 | 10.72% | 1.180% |
| 15 | 10.468 | 1249 | 1256 | 1270 | rBV | 200234 | 403102 | 17.71% | 1.950% |
| 16 | 10.850 | 1312 | 1321 | 1331 | rBV | 320167 | 585508 | 25.73% | 2.832% |
| 17 | 10.979 | 1337 | 1343 | 1359 | rBV | 155363 | 329973 | 14.50% | 1.596% |
| 18 | 12.454 | 1587 | 1594 | 1599 | rBV2 | 3828 | 6599 | 0.29% | 0.032% |
| 19 | 13.053 | 1693 | 1696 | 1703 | rVB2 | 2144 | 3131 | 0.14% | 0.015% |
| 20 | 13.300 | 1731 | 1738 | 1745 | rVB4 | 2740 | 5160 | 0.23% | 0.025% |
| 21 | 13.582 | 1780 | 1786 | 1791 | rVB2 | 6510 | 10398 | 0.46% | 0.050% |
| 22 | 14.087 | 1865 | 1872 | 1876 | rBV | 434079 | 657613 | 28.90% | 3.180% |
| 23 | 14.134 | 1876 | 1880 | 1892 | rVB | 110335 | 170591 | 7.50% | 0.825% |
| 24 | 14.381 | 1911 | 1922 | 1932 | rBV2 | 513490 | 828487 | 36.40% | 4.007% |
| 25 | 14.687 | 1967 | 1974 | 1982 | rBV | 565926 | 884142 | 38.85% | 4.276% |
| 26 | 14.887 | 2002 | 2008 | 2025 | rBV2 | 54989 | 142076 | 6.24% | 0.687% |
| 27 | 15.098 | 2039 | 2044 | 2052 | rVV3 | 12545 | 20146 | 0.89% | 0.097% |
| 28 | 15.492 | 2104 | 2111 | 2115 | rBV4 | 3485 | 7454 | 0.33% | 0.036% |
| 29 | 15.680 | 2136 | 2143 | 2151 | rBV | 711369 | 1068845 | 46.97% | 5.169% |
| 30 | 15.797 | 2157 | 2163 | 2172 | rBV | 119875 | 199971 | 8.79% | 0.967% |
| 31 | 15.921 | 2180 | 2184 | 2192 | rVB5 | 9584 | 13142 | 0.58% | 0.064% |
| 32 | 16.373 | 2255 | 2261 | 2262 | rBV2 | 3620 | 5399 | 0.24% | 0.026% |
| 33 | 16.402 | 2262 | 2266 | 2268 | rVB5 | 2919 | 4161 | 0.18% | 0.020% |
| 34 | 16.467 | 2273 | 2277 | 2282 | rVB4 | 2534 | 4560 | 0.20% | 0.022% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042110.D
Acq On : 9 Aug 2019 20:10
Operator : HP/JU
Sample : K4041-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BENX3

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 | 16.784 | 2329 | 2331 | 2338 | rVB5 | 2987 | 3294 | 0.14% | 0.016% |
| 36 | 17.031 | 2369 | 2373 | 2378 | rVB3 | 2448 | 3862 | 0.17% | 0.019% |
| 37 | 17.196 | 2397 | 2401 | 2403 | rBV4 | 2913 | 4080 | 0.18% | 0.020% |
| 38 | 17.348 | 2424 | 2427 | 2433 | rVB4 | 2750 | 5150 | 0.23% | 0.025% |
| 39 | 17.436 | 2436 | 2442 | 2448 | rBV2 | 673685 | 1063096 | 46.71% | 5.142% |
| 40 | 17.536 | 2453 | 2459 | 2470 | rVB | 732248 | 1146791 | 50.39% | 5.546% |
| 41 | 18.030 | 2539 | 2543 | 2549 | rVB6 | 5561 | 11212 | 0.49% | 0.054% |
| 42 | 18.112 | 2553 | 2557 | 2560 | rVB5 | 3636 | 5090 | 0.22% | 0.025% |
| 43 | 18.159 | 2560 | 2565 | 2568 | rBV6 | 2982 | 5836 | 0.26% | 0.028% |
| 44 | 18.330 | 2588 | 2594 | 2598 | rBV5 | 28215 | 50825 | 2.23% | 0.246% |
| 45 | 18.453 | 2611 | 2615 | 2619 | rVB6 | 5177 | 6319 | 0.28% | 0.031% |
| 46 | 18.512 | 2620 | 2625 | 2629 | rBV4 | 17974 | 29782 | 1.31% | 0.144% |
| 47 | 18.641 | 2639 | 2647 | 2649 | rBV8 | 6577 | 14051 | 0.62% | 0.068% |
| 48 | 18.811 | 2669 | 2676 | 2682 | rBV8 | 7937 | 19459 | 0.86% | 0.094% |
| 49 | 19.058 | 2713 | 2718 | 2723 | rBV7 | 6461 | 12079 | 0.53% | 0.058% |
| 50 | 19.111 | 2724 | 2727 | 2730 | rVB5 | 4119 | 5305 | 0.23% | 0.026% |
| 51 | 19.146 | 2730 | 2733 | 2737 | rBV6 | 4737 | 7642 | 0.34% | 0.037% |
| 52 | 19.228 | 2742 | 2747 | 2750 | rBV3 | 10808 | 20188 | 0.89% | 0.098% |
| 53 | 19.322 | 2761 | 2763 | 2766 | rVB4 | 5143 | 3779 | 0.17% | 0.018% |
| 54 | 19.358 | 2766 | 2769 | 2773 | rBV6 | 6404 | 9438 | 0.41% | 0.046% |
| 55 | 19.463 | 2784 | 2787 | 2788 | rBV | 11094 | 12542 | 0.55% | 0.061% |
| 56 | 19.493 | 2788 | 2792 | 2796 | rVB | 61342 | 86297 | 3.79% | 0.417% |
| 57 | 19.546 | 2799 | 2801 | 2806 | rVB6 | 5911 | 6181 | 0.27% | 0.030% |
| 58 | 19.593 | 2807 | 2809 | 2812 | rVB4 | 4851 | 5130 | 0.23% | 0.025% |
| 59 | 19.634 | 2814 | 2816 | 2821 | rVB5 | 10410 | 11020 | 0.48% | 0.053% |
| 60 | 19.716 | 2822 | 2830 | 2833 | rBV2 | 10054 | 24976 | 1.10% | 0.121% |
| 61 | 19.828 | 2843 | 2849 | 2863 | rBV | 983443 | 1543115 | 67.81% | 7.463% |
| 62 | 20.080 | 2888 | 2892 | 2894 | rBV5 | 8681 | 9499 | 0.42% | 0.046% |
| 63 | 20.180 | 2905 | 2909 | 2910 | rBV4 | 9729 | 12254 | 0.54% | 0.059% |
| 64 | 20.357 | 2933 | 2939 | 2943 | rBV2 | 22509 | 45732 | 2.01% | 0.221% |
| 65 | 20.451 | 2951 | 2955 | 2959 | rVB2 | 15754 | 20953 | 0.92% | 0.101% |
| 66 | 20.503 | 2959 | 2964 | 2967 | rBV4 | 17235 | 33563 | 1.47% | 0.162% |
| 67 | 20.644 | 2985 | 2988 | 2992 | rBV4 | 12375 | 19896 | 0.87% | 0.096% |
| 68 | 20.856 | 3019 | 3024 | 3029 | rBV2 | 39285 | 63667 | 2.80% | 0.308% |
| 69 | 20.944 | 3035 | 3039 | 3043 | rBV7 | 20971 | 30208 | 1.33% | 0.146% |
| 70 | 21.303 | 3097 | 3100 | 3107 | rBV8 | 31727 | 76033 | 3.34% | 0.368% |
| 71 | 21.367 | 3107 | 3111 | 3120 | rVB2 | 127088 | 234497 | 10.30% | 1.134% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042110.D
Acq On : 9 Aug 2019 20:10
Operator : HP/JU
Sample : K4041-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BENX3

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 | 21.543 | 3137 | 3141 | 3147 | rBV3 | 26687 | 48759 | 2.14% | 0.236% |
| 73 | 21.614 | 3147 | 3153 | 3159 | rVB | 503898 | 727553 | 31.97% | 3.519% |
| 74 | 21.720 | 3164 | 3171 | 3177 | rBV2 | 719747 | 1248019 | 54.84% | 6.036% |
| 75 | 21.925 | 3202 | 3206 | 3213 | rVB4 | 51737 | 97510 | 4.28% | 0.472% |
| 76 | 22.013 | 3218 | 3221 | 3227 | rVB | 23000 | 34118 | 1.50% | 0.165% |
| 77 | 22.548 | 3306 | 3312 | 3315 | rBV2 | 132348 | 229398 | 10.08% | 1.109% |
| 78 | 22.583 | 3315 | 3318 | 3328 | rVB | 113839 | 211491 | 9.29% | 1.023% |
| 79 | 22.777 | 3346 | 3351 | 3360 | rVB | 62690 | 127370 | 5.60% | 0.616% |
| 80 | 23.259 | 3429 | 3433 | 3440 | rVB | 64978 | 119977 | 5.27% | 0.580% |
| 81 | 23.952 | 3547 | 3551 | 3557 | rBV3 | 20648 | 49856 | 2.19% | 0.241% |
| 82 | 24.082 | 3567 | 3573 | 3581 | rVB | 169783 | 369995 | 16.26% | 1.789% |
| 83 | 24.763 | 3680 | 3689 | 3701 | rBV | 498185 | 1409427 | 61.93% | 6.816% |
| 84 | 24.992 | 3718 | 3728 | 3737 | rBV2 | 442842 | 1311180 | 57.61% | 6.341% |
| 85 | 26.220 | 3929 | 3937 | 3947 | rVB3 | 73326 | 235850 | 10.36% | 1.141% |
| 86 | 27.613 | 4167 | 4174 | 4186 | rVB7 | 30032 | 104564 | 4.59% | 0.506% |

Sum of corrected areas: 20676755

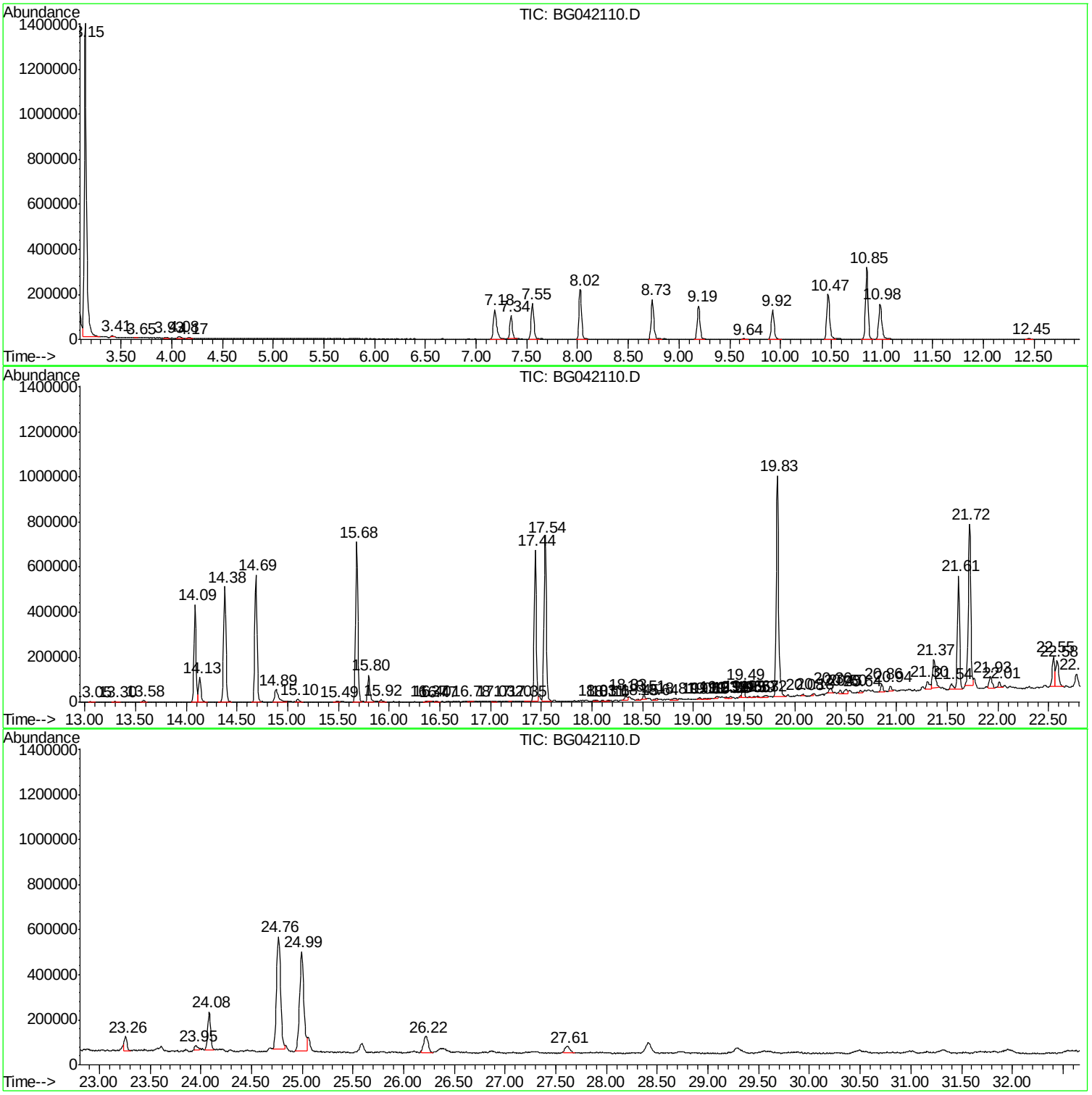
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042110.D
Acq On : 9 Aug 2019 20:10
Operator : HP/JU
Sample : K4041-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BENX3

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 : BG042110.D
Acq On : 9 Aug 2019 20:10
Operator : HP/JU
Sample : K4041-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BENX3

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

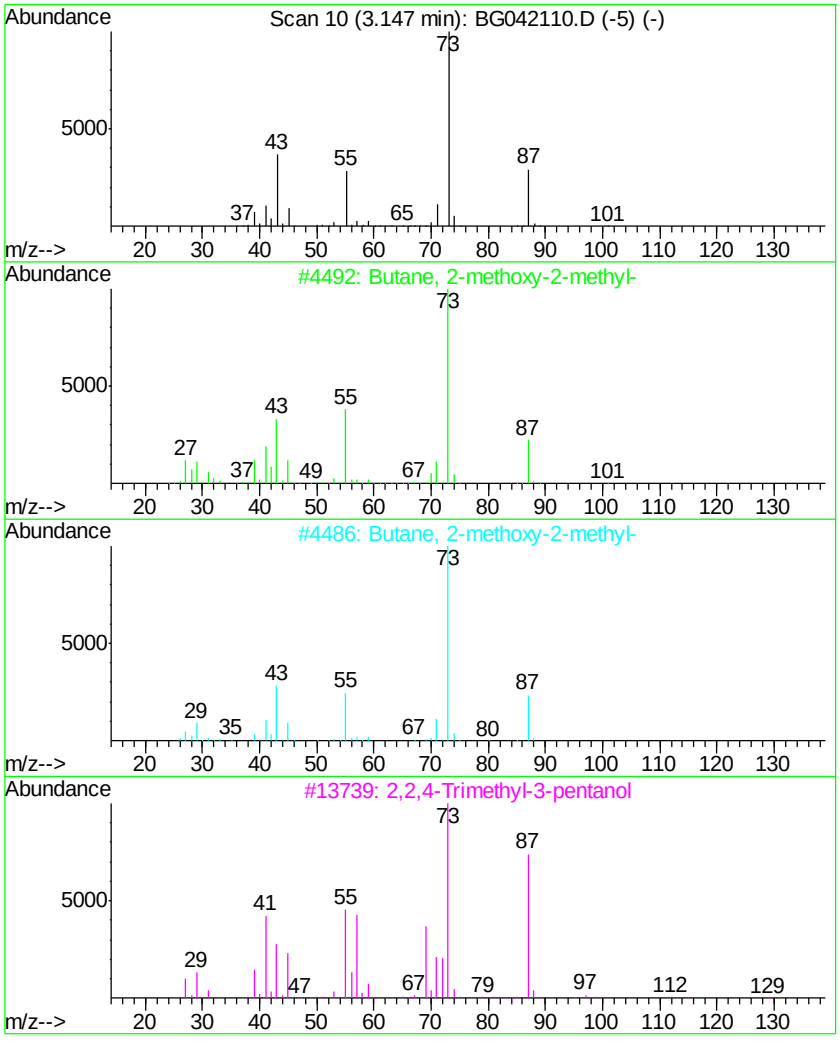
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

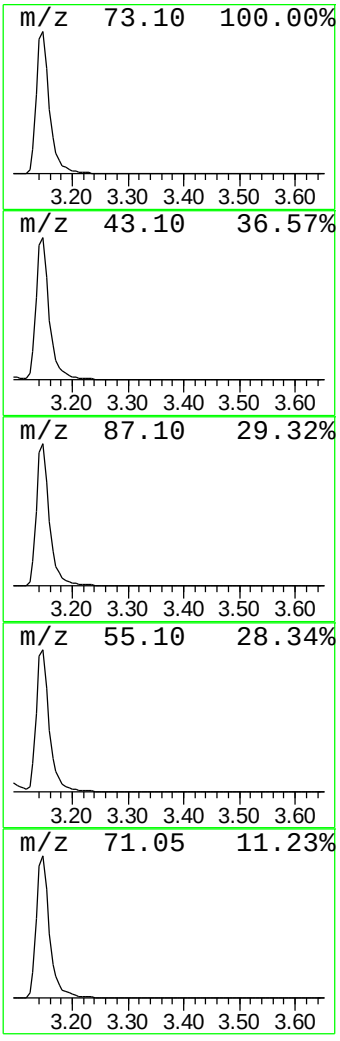
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.15 | 117.12 ng/ul | 2275810 | 1,4-Dichlorobenzene-d4 | 8.03 |

| 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 : BG042110.D
Acq On : 9 Aug 2019 20:10
Operator : HP/JU
Sample : K4041-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BENX3

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

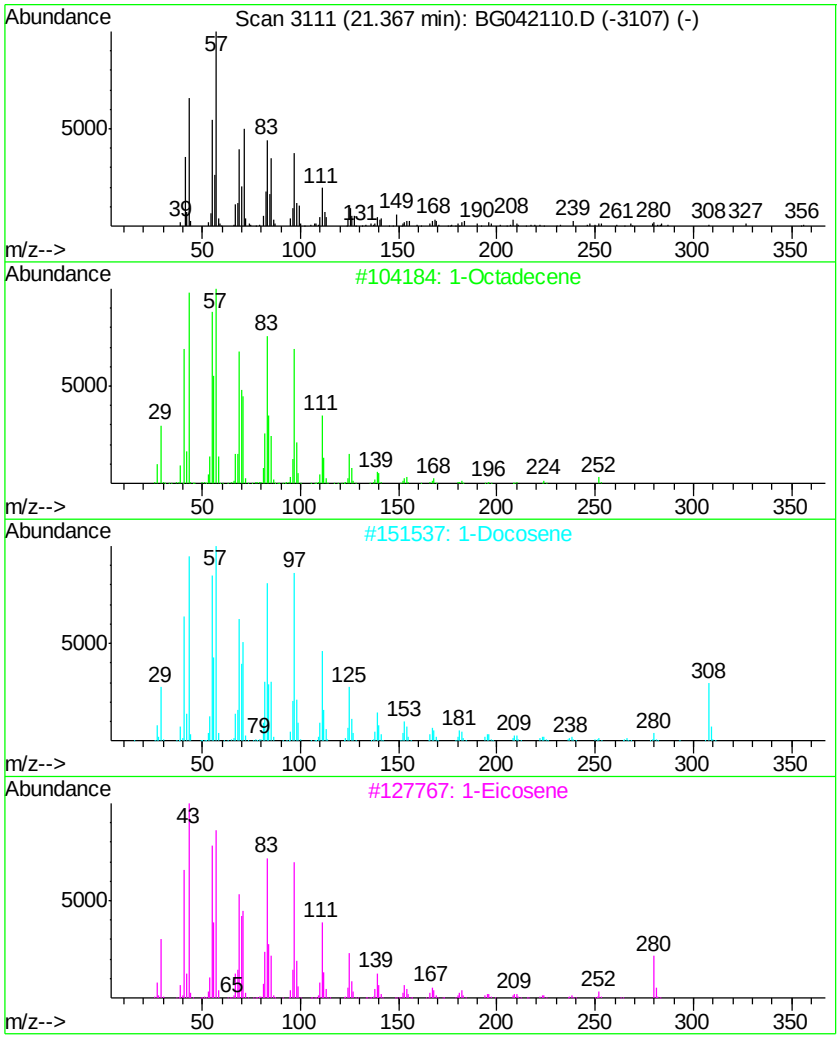
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

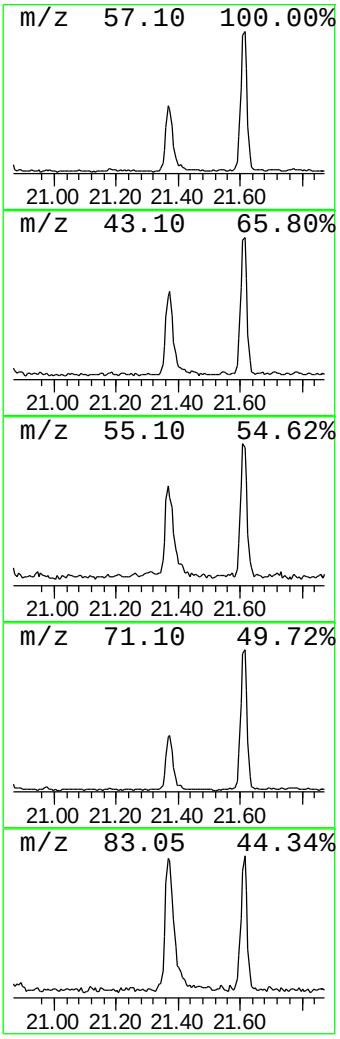
**********

Peak Number 2 (DEL) Alkane: Cyclic21.37 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.37 | 3.76 ng/ul | 234497 | Chrysene-d12 | 21.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 96 |
| 2 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 96 |
| 3 | 1-Eicosene | 280 | C20H40 | 003452-07-1 | 96 |
| 4 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 95 |
| 5 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 94 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042110.D
Acq On : 9 Aug 2019 20:10
Operator : HP/JU
Sample : K4041-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BENX3

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

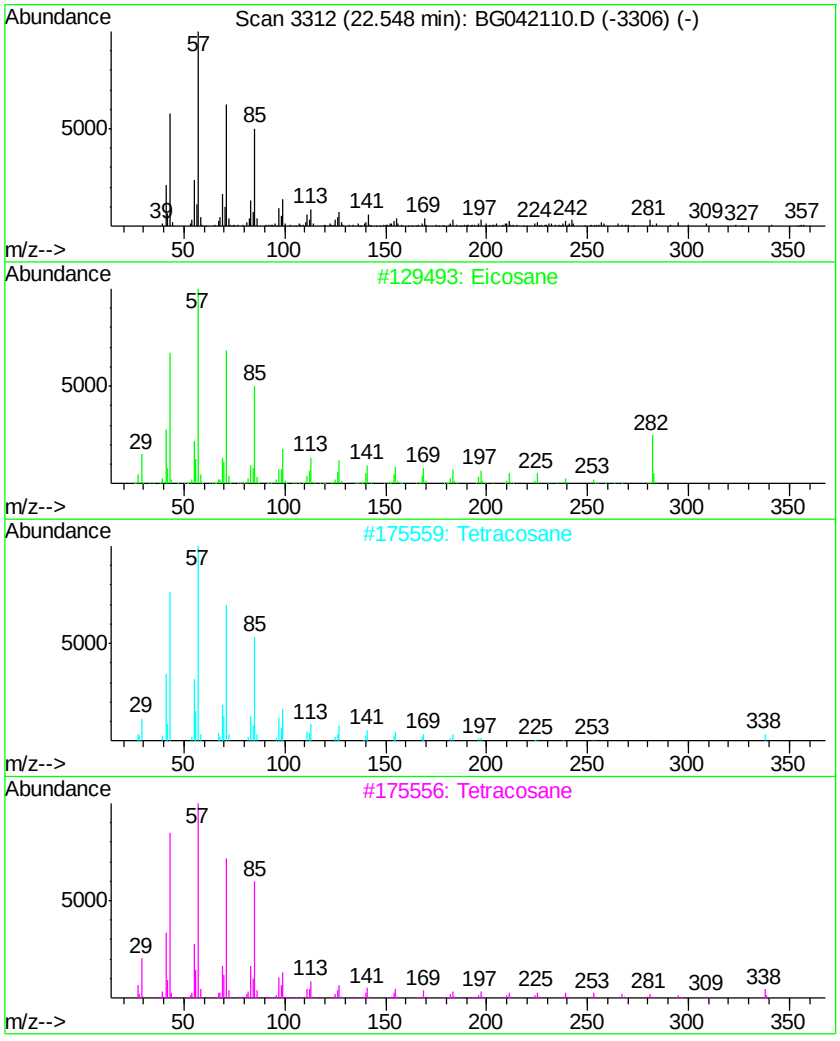
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

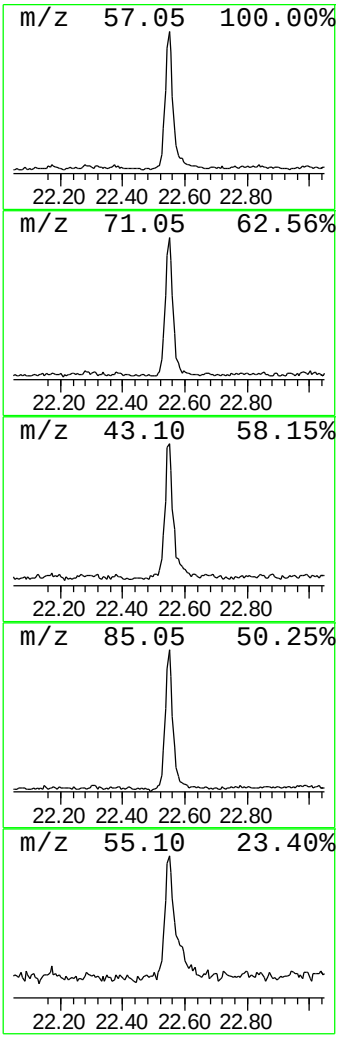
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.55 | 3.68 ng/ul | 229398 | Chrysene-d12 | 21.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 95 |
| 2 | Tetracosane | 338 | C24H50 | 000646-31-1 | 93 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 4 | Heptadecane, 8-methyl- | 254 | C18H38 | 013287-23-5 | 90 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042110.D
Acq On : 9 Aug 2019 20:10
Operator : HP/JU
Sample : K4041-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BENX3

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

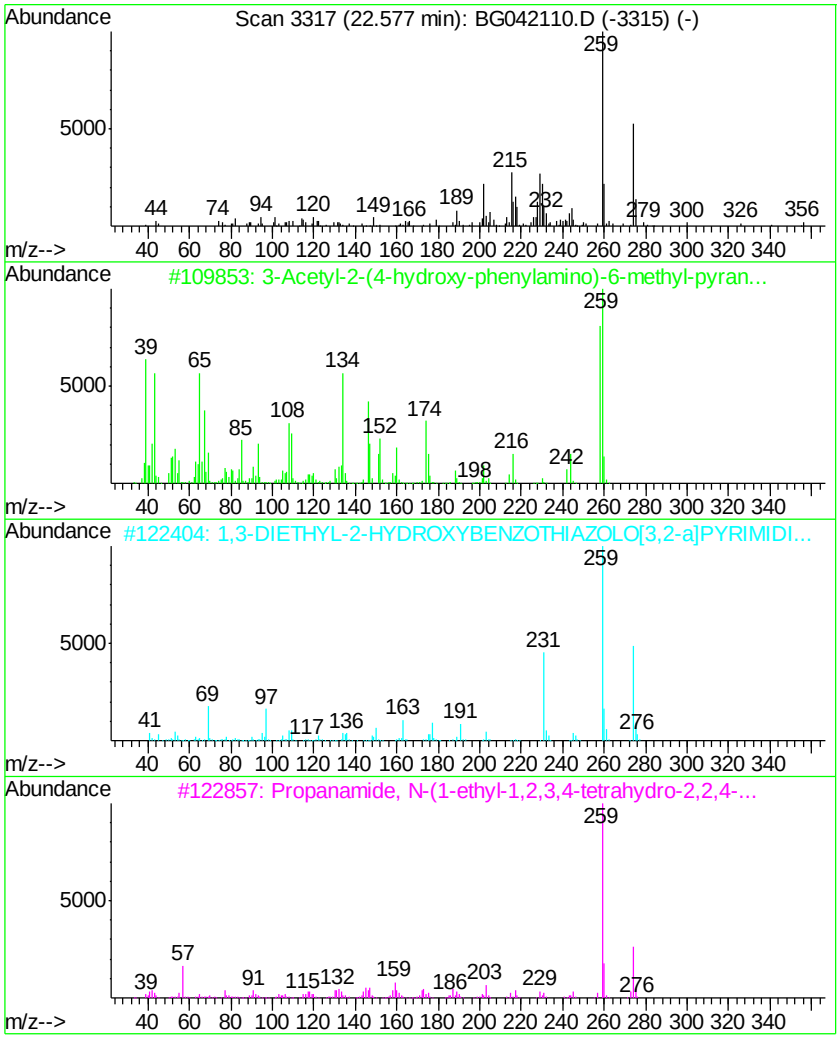
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

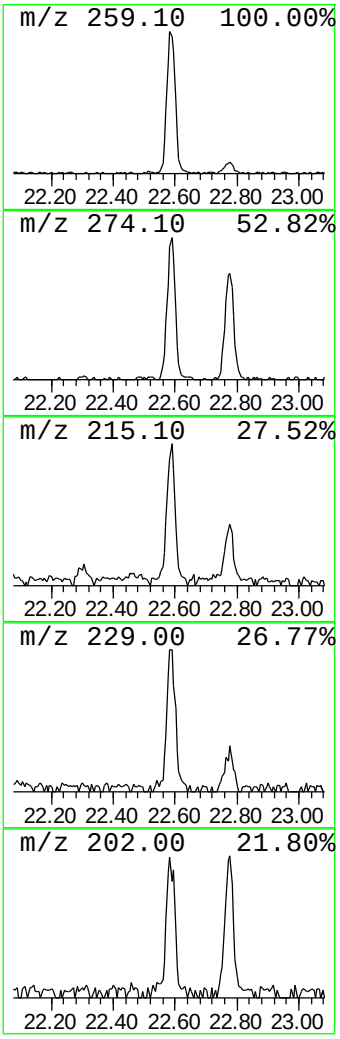
**********

Peak Number 4 3-Acetyl-2-(4-hydroxy-pheny... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.58 | 3.39 ng/ul | 211491 | Chrysene-d12 | 21.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Acetyl-2-(4-hydroxy-phenylamin... | 259 | C14H13NO4 | 1000300-99-5 | 86 |
| 2 | 1,3-DIETHYL-2-HYDROXYBENZOTHIAZO... | 274 | C14H14N2O2S | 1000227-15-3 | 52 |
| 3 | Propanamide, N-(1-ethyl-1,2,3,4-... | 274 | C17H26N2O | 063134-09-8 | 50 |
| 4 | Ethanone, 1-[5-(5-trifluoromethy... | 274 | C11H9F3N2OS | 1000266-44-5 | 49 |
| 5 | 10H-Phenoxaphosphine, 2-ethyl-10... | 274 | C15H15O3P | 036360-91-5 | 47 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042110.D
Acq On : 9 Aug 2019 20:10
Operator : HP/JU
Sample : K4041-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BENX3

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

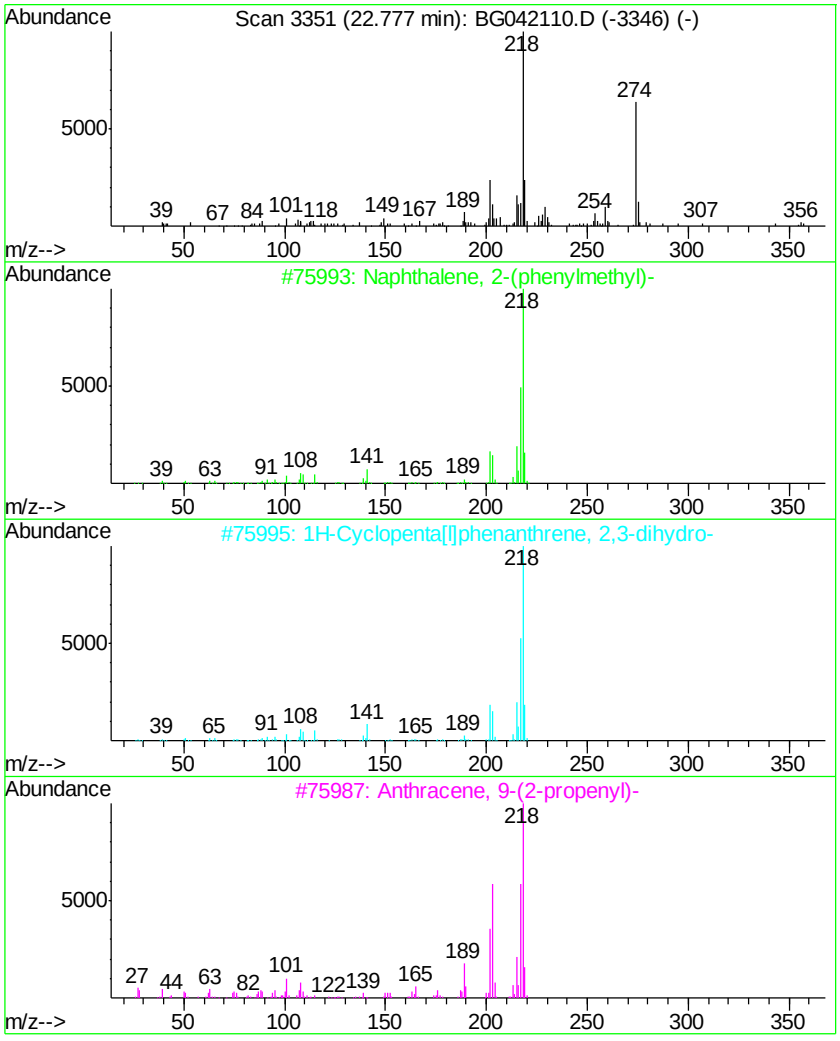
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

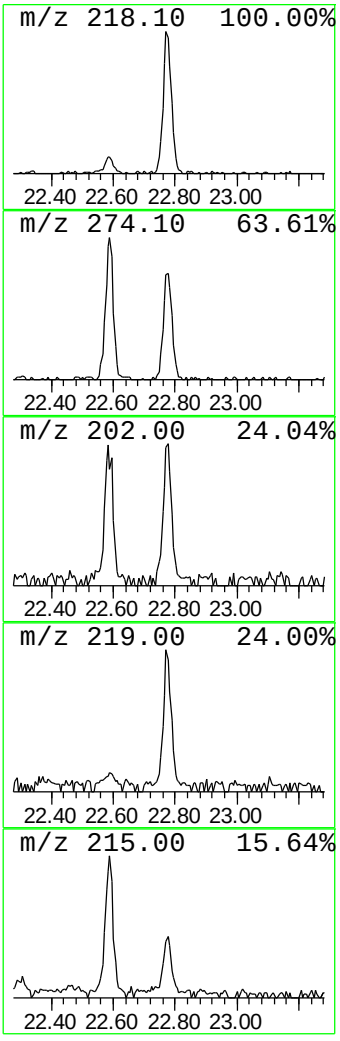
**********

Peak Number 5 unknown-01 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.78 | 2.04 ng/ul | 127370 | Chrysene-d12 | 21.72 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-(phenylmethyl)- | 218 | C17H14 | 000613-59-2 | 49 |
| 2 | 1H-Cyclopenta[l]phenanthrene, 2,... | 218 | C17H14 | 000723-98-8 | 49 |
| 3 | Anthracene, 9-(2-propenyl)- | 218 | C17H14 | 023707-65-5 | 43 |
| 4 | Isoquinoline, 1-(phenylmethyl)- | 219 | C16H13N | 006907-59-1 | 43 |
| 5 | Tetrachloro-o-benzoquinone | 244 | C6Cl4O2 | 002435-53-2 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042110.D
Acq On : 9 Aug 2019 20:10
Operator : HP/JU
Sample : K4041-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BENX3

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

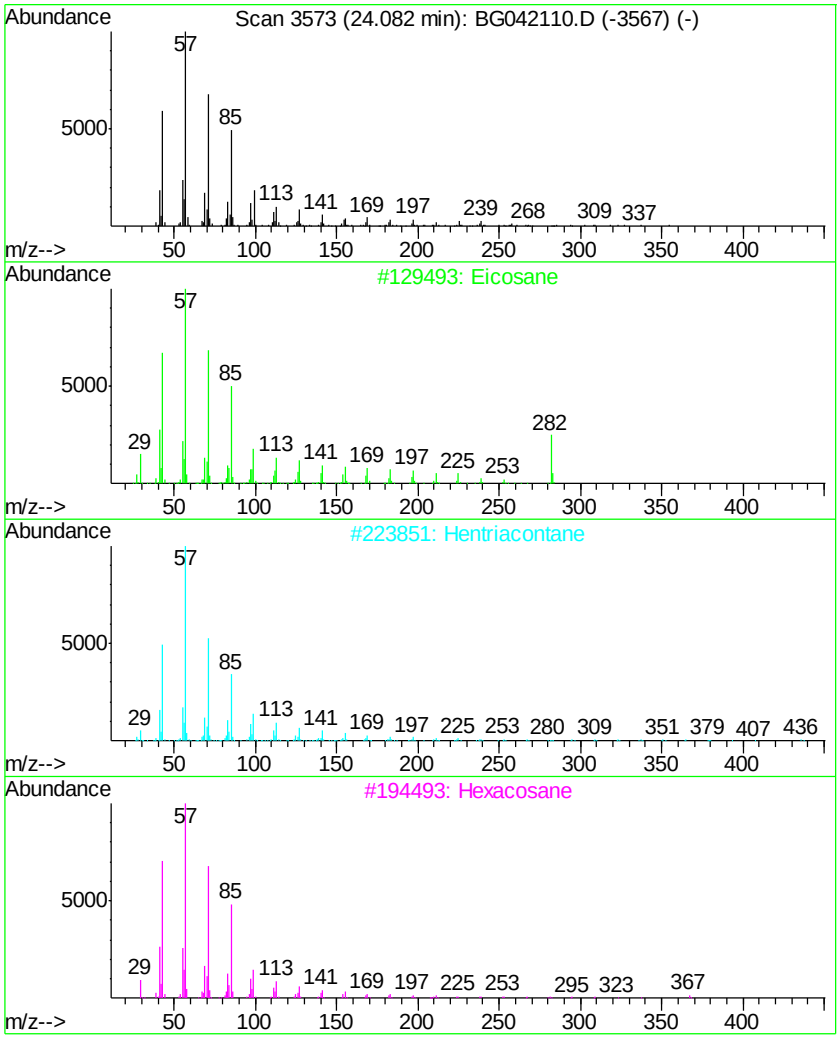
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

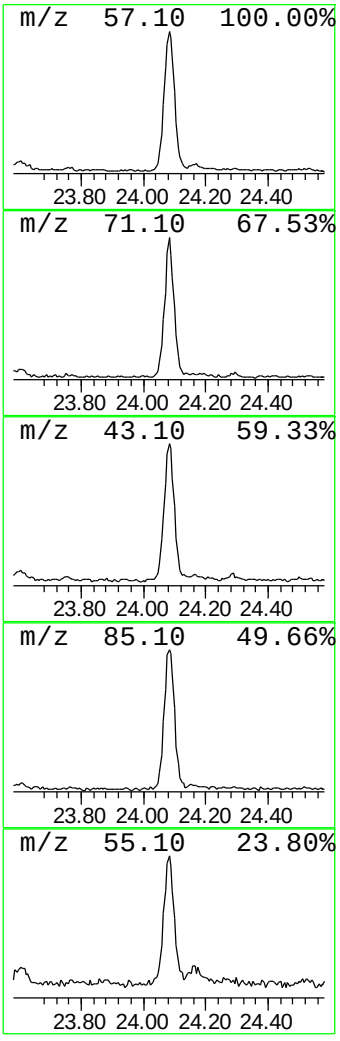
**********

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.08 | 5.64 ng/ul | 369995 | Perylene-d12 | 24.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 96 |
| 2 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 91 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 4 | Tetracosane, 11-decyl- | 479 | C34H70 | 055429-84-0 | 91 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042110.D
Acq On : 9 Aug 2019 20:10
Operator : HP/JU
Sample : K4041-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BENX3

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

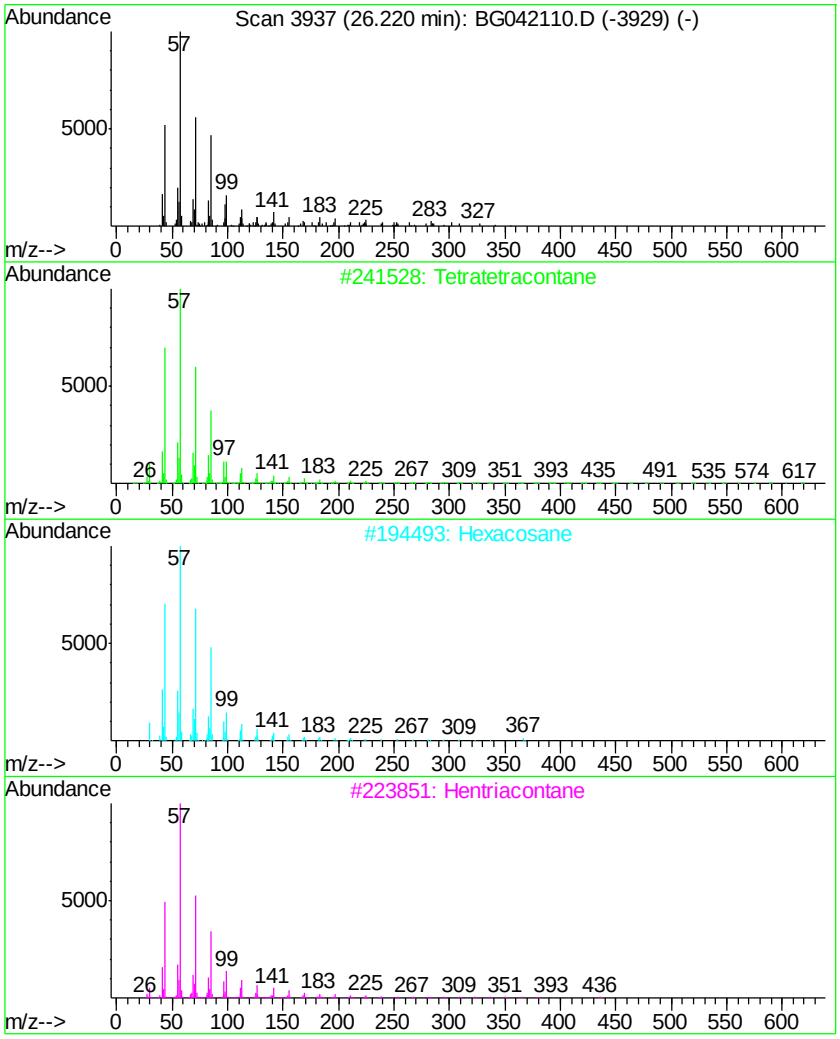
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

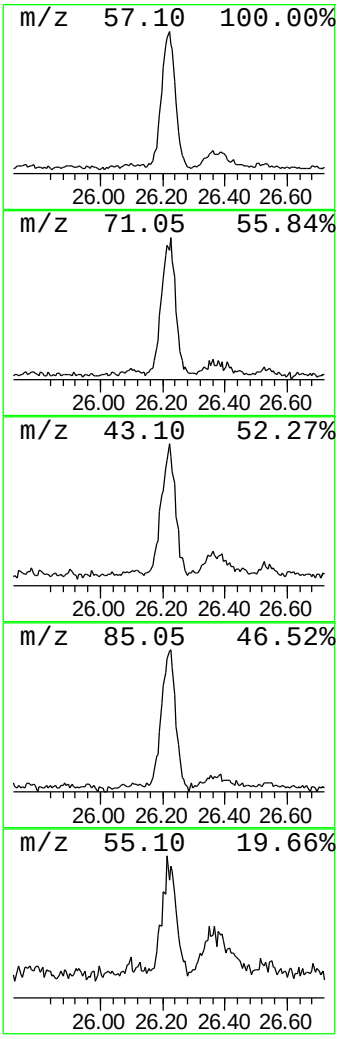
**********

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.22 | 3.60 ng/ul | 235850 | Perylene-d12 | 24.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 90 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 3 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 87 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 86 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080819\
Data File : BG042110.D
Acq On : 9 Aug 2019 20:10
Operator : HP/JU
Sample : K4041-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BENX3

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 | 117.1 | ng/ul | 2275810 | 1 | 8.03 | 388638 | 20.0 |
| (DEL) Alkane: Cyc... | 21.37 | 3.8 | ng/ul | 234497 | 5 | 21.72 | 1248020 | 20.0 |
| (DEL) Alkane: Str... | 22.55 | 3.7 | ng/ul | 229398 | 5 | 21.72 | 1248020 | 20.0 |
| 3-Acetyl-2-(4-hyd... | 22.58 | 3.4 | ng/ul | 211491 | 5 | 21.72 | 1248020 | 20.0 |
| unknown-01 | 22.78 | 2.0 | ng/ul | 127370 | 5 | 21.72 | 1248020 | 20.0 |
| (DEL) Alkane: Str... | 24.08 | 5.6 | ng/ul | 369995 | 6 | 24.99 | 1311180 | 20.0 |
| (DEL) Alkane: Str... | 26.22 | 3.6 | ng/ul | 235850 | 6 | 24.99 | 1311180 | 20.0 |