LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

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-BG081320PAH.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 | 3.141 | 4 | 9 | 34 | rVB | 1419458 | 2183062 | 100.00% | 8.897% |
| 2 | 3.400 | 49 | 53 | 56 | rVB2 | 7188 | 9259 | 0.42% | 0.038% |
| 3 | 3.823 | 121 | 125 | 129 | rVB4 | 5154 | 8257 | 0.38% | 0.034% |
| 4 | 3.911 | 136 | 140 | 146 | rVV | 20507 | 32356 | 1.48% | 0.132% |
| 5 | 4.046 | 158 | 163 | 171 | rVB | 13789 | 23195 | 1.06% | 0.095% |
| 6 | 5.051 | 328 | 334 | 342 | rBV2 | 10833 | 20098 | 0.92% | 0.082% |
| 7 | 7.107 | 677 | 684 | 698 | rBV | 139156 | 261118 | 11.96% | 1.064% |
| 8 | 7.266 | 704 | 711 | 723 | rBV | 124821 | 212105 | 9.72% | 0.864% |
| 9 | 7.471 | 739 | 746 | 758 | rBV | 159287 | 275727 | 12.63% | 1.124% |
| 10 | 7.936 | 817 | 825 | 835 | rBV | 264511 | 457495 | 20.96% | 1.864% |
| 11 | 8.641 | 938 | 945 | 956 | rBV | 156927 | 285454 | 13.08% | 1.163% |
| 12 | 9.087 | 1013 | 1021 | 1032 | rBV | 150241 | 271893 | 12.45% | 1.108% |
| 13 | 9.816 | 1138 | 1145 | 1153 | rBV | 119799 | 222352 | 10.19% | 0.906% |
| 14 | 10.356 | 1229 | 1237 | 1249 | rBV | 191825 | 353141 | 16.18% | 1.439% |
| 15 | 10.732 | 1294 | 1301 | 1308 | rBV | 388684 | 698433 | 31.99% | 2.846% |
| 16 | 10.862 | 1316 | 1323 | 1338 | rBV | 145961 | 290990 | 13.33% | 1.186% |
| 17 | 12.389 | 1578 | 1583 | 1589 | rVB2 | 7020 | 11527 | 0.53% | 0.047% |
| 18 | 12.607 | 1616 | 1620 | 1627 | rVB2 | 8310 | 14551 | 0.67% | 0.059% |
| 19 | 13.887 | 1832 | 1838 | 1842 | rBV2 | 11186 | 19135 | 0.88% | 0.078% |
| 20 | 13.970 | 1844 | 1852 | 1857 | rVV | 381921 | 568564 | 26.04% | 2.317% |
| 21 | 14.017 | 1857 | 1860 | 1865 | rVV | 78456 | 106530 | 4.88% | 0.434% |
| 22 | 14.258 | 1894 | 1901 | 1915 | rBV | 435606 | 709632 | 32.51% | 2.892% |
| 23 | 14.569 | 1943 | 1954 | 1961 | rBV | 621712 | 1014061 | 46.45% | 4.133% |
| 24 | 14.628 | 1961 | 1964 | 1972 | rVB4 | 11235 | 18354 | 0.84% | 0.075% |
| 25 | 14.763 | 1979 | 1987 | 1999 | rBV2 | 84572 | 177141 | 8.11% | 0.722% |
| 26 | 14.963 | 2016 | 2021 | 2029 | rVV2 | 15455 | 26259 | 1.20% | 0.107% |
| 27 | 15.356 | 2083 | 2088 | 2096 | rBV7 | 5144 | 13271 | 0.61% | 0.054% |
| 28 | 15.427 | 2096 | 2100 | 2106 | rVB4 | 5006 | 8319 | 0.38% | 0.034% |
| 29 | 15.556 | 2115 | 2122 | 2128 | rBV | 577828 | 887485 | 40.65% | 3.617% |
| 30 | 15.615 | 2128 | 2132 | 2137 | rVB2 | 18165 | 27299 | 1.25% | 0.111% |
| 31 | 15.674 | 2137 | 2142 | 2150 | rBV2 | 108282 | 171071 | 7.84% | 0.697% |
| 32 | 15.797 | 2156 | 2163 | 2166 | rBV5 | 5790 | 10553 | 0.48% | 0.043% |
| 33 | 15.903 | 2177 | 2181 | 2188 | rVV | 10794 | 17945 | 0.82% | 0.073% |
| 34 | 16.050 | 2201 | 2206 | 2215 | rVV3 | 11290 | 23061 | 1.06% | 0.094% |

LSC Area Percent Report

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Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

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-BG081320PAH.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 16.285 | 2242 | 2246 | 2251 | rBV6 | 9658 | 17296 | 0.79% | 0.070% |
| 36 | 16.596 | 2291 | 2299 | 2300 | rBV5 | 4486 | 9904 | 0.45% | 0.040% |
| 37 | 16.625 | 2300 | 2304 | 2308 | rVV5 | 8071 | 12722 | 0.58% | 0.052% |
| 38 | 16.849 | 2338 | 2342 | 2346 | rBV3 | 10009 | 14609 | 0.67% | 0.060% |
| 39 | 16.960 | 2356 | 2361 | 2370 | rVB | 41559 | 68051 | 3.12% | 0.277% |
| 40 | 17.048 | 2370 | 2376 | 2380 | rBV5 | 8429 | 20367 | 0.93% | 0.083% |
| 41 | 17.131 | 2385 | 2390 | 2397 | rVB | 20576 | 37188 | 1.70% | 0.152% |
| 42 | 17.307 | 2414 | 2420 | 2424 | rBV | 790497 | 1213587 | 55.59% | 4.946% |
| 43 | 17.348 | 2424 | 2427 | 2432 | rVV | 443019 | 654907 | 30.00% | 2.669% |
| 44 | 17.407 | 2432 | 2437 | 2449 | rVB | 581383 | 901599 | 41.30% | 3.674% |
| 45 | 17.495 | 2449 | 2452 | 2458 | rVB5 | 9383 | 14628 | 0.67% | 0.060% |
| 46 | 17.618 | 2470 | 2473 | 2477 | rVB4 | 9428 | 11905 | 0.55% | 0.049% |
| 47 | 17.706 | 2481 | 2488 | 2492 | rBV2 | 19928 | 36812 | 1.69% | 0.150% |
| 48 | 17.830 | 2504 | 2509 | 2515 | rVB3 | 18625 | 31400 | 1.44% | 0.128% |
| 49 | 17.889 | 2515 | 2519 | 2528 | rVB4 | 21415 | 37885 | 1.74% | 0.154% |
| 50 | 17.988 | 2530 | 2536 | 2540 | rBV4 | 10739 | 18082 | 0.83% | 0.074% |
| 51 | 18.035 | 2540 | 2544 | 2550 | rVB4 | 8935 | 15753 | 0.72% | 0.064% |
| 52 | 18.100 | 2550 | 2555 | 2560 | rBV3 | 13861 | 21786 | 1.00% | 0.089% |
| 53 | 18.182 | 2562 | 2569 | 2573 | rBV | 77836 | 121820 | 5.58% | 0.496% |
| 54 | 18.229 | 2573 | 2577 | 2583 | rVV | 93369 | 148829 | 6.82% | 0.607% |
| 55 | 18.306 | 2587 | 2590 | 2596 | rVB2 | 9374 | 15372 | 0.70% | 0.063% |
| 56 | 18.376 | 2596 | 2602 | 2606 | rBV2 | 78233 | 150386 | 6.89% | 0.613% |
| 57 | 18.412 | 2606 | 2608 | 2615 | rVB | 56268 | 79175 | 3.63% | 0.323% |
| 58 | 18.506 | 2617 | 2624 | 2626 | rBV6 | 12796 | 21730 | 1.00% | 0.089% |
| 59 | 18.535 | 2626 | 2629 | 2633 | rVV6 | 8198 | 11781 | 0.54% | 0.048% |
| 60 | 18.682 | 2649 | 2654 | 2657 | rBV | 66149 | 92501 | 4.24% | 0.377% |
| 61 | 18.717 | 2657 | 2660 | 2667 | rVB | 82978 | 115984 | 5.31% | 0.473% |
| 62 | 18.805 | 2672 | 2675 | 2678 | rBV5 | 7564 | 10564 | 0.48% | 0.043% |
| 63 | 18.929 | 2693 | 2696 | 2699 | rVB2 | 19649 | 24720 | 1.13% | 0.101% |
| 64 | 18.981 | 2700 | 2705 | 2708 | rVV | 16063 | 24224 | 1.11% | 0.099% |
| 65 | 19.017 | 2708 | 2711 | 2715 | rVB | 16606 | 19453 | 0.89% | 0.079% |
| 66 | 19.099 | 2720 | 2725 | 2729 | rBV | 59782 | 97574 | 4.47% | 0.398% |
| 67 | 19.146 | 2730 | 2733 | 2738 | rVV6 | 13892 | 25605 | 1.17% | 0.104% |
| 68 | 19.187 | 2738 | 2740 | 2744 | rVB | 17155 | 17741 | 0.81% | 0.072% |
| 69 | 19.234 | 2744 | 2748 | 2755 | rBV | 73606 | 134011 | 6.14% | 0.546% |
| 70 | 19.357 | 2764 | 2769 | 2776 | rVB | 734298 | 1016329 | 46.56% | 4.142% |
| 71 | 19.457 | 2784 | 2786 | 2791 | rVB3 | 19308 | 21168 | 0.97% | 0.086% |

LSC Area Percent Report

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Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

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-BG081320PAH.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 19.510 | 2791 | 2795 | 2798 | rBV | 32349 | 41070 | 1.88% | 0.167% |
| 73 | 19.557 | 2799 | 2803 | 2806 | rBV | 21571 | 29923 | 1.37% | 0.122% |
| 74 | 19.692 | 2820 | 2826 | 2828 | rBV | 799259 | 1154153 | 52.87% | 4.704% |
| 75 | 19.722 | 2828 | 2831 | 2838 | rVV | 657347 | 898783 | 41.17% | 3.663% |
| 76 | 19.792 | 2839 | 2843 | 2847 | rVB3 | 28292 | 44669 | 2.05% | 0.182% |
| 77 | 19.898 | 2855 | 2861 | 2867 | rBV | 35871 | 71640 | 3.28% | 0.292% |
| 78 | 19.957 | 2867 | 2871 | 2877 | rVV2 | 22257 | 37608 | 1.72% | 0.153% |
| 79 | 20.039 | 2880 | 2885 | 2893 | rBV2 | 55968 | 139254 | 6.38% | 0.568% |
| 80 | 20.180 | 2905 | 2909 | 2910 | rBV3 | 34058 | 43027 | 1.97% | 0.175% |
| 81 | 20.209 | 2912 | 2914 | 2918 | rVB | 64770 | 67720 | 3.10% | 0.276% |
| 82 | 20.309 | 2929 | 2931 | 2935 | rVB2 | 20129 | 23364 | 1.07% | 0.095% |
| 83 | 20.374 | 2935 | 2942 | 2946 | rBV2 | 69752 | 122525 | 5.61% | 0.499% |
| 84 | 20.509 | 2962 | 2965 | 2968 | rBV | 39877 | 47163 | 2.16% | 0.192% |
| 85 | 20.556 | 2969 | 2973 | 2977 | rVV2 | 34422 | 50924 | 2.33% | 0.208% |
| 86 | 20.961 | 3038 | 3042 | 3049 | rVB | 93926 | 148020 | 6.78% | 0.603% |
| 87 | 21.144 | 3067 | 3073 | 3077 | rBV2 | 52525 | 116725 | 5.35% | 0.476% |
| 88 | 21.185 | 3077 | 3080 | 3083 | rVV | 58997 | 84796 | 3.88% | 0.346% |
| 89 | 21.220 | 3083 | 3086 | 3093 | rVV4 | 205321 | 387928 | 17.77% | 1.581% |
| 90 | 21.290 | 3094 | 3098 | 3104 | rVB | 80038 | 133110 | 6.10% | 0.542% |
| 91 | 21.555 | 3135 | 3143 | 3147 | rBV2 | 919652 | 1727836 | 79.15% | 7.041% |
| 92 | 21.596 | 3147 | 3150 | 3162 | rVB | 290084 | 497887 | 22.81% | 2.029% |
| 93 | 23.676 | 3497 | 3504 | 3513 | rBV2 | 198435 | 688714 | 31.55% | 2.807% |
| 94 | 23.799 | 3522 | 3525 | 3530 | rVB | 54652 | 76617 | 3.51% | 0.312% |
| 95 | 23.858 | 3531 | 3535 | 3542 | rVB5 | 54719 | 102148 | 4.68% | 0.416% |
| 96 | 24.369 | 3617 | 3622 | 3628 | rBV | 94297 | 222008 | 10.17% | 0.905% |
| 97 | 24.446 | 3628 | 3635 | 3642 | rVV | 369245 | 959881 | 43.97% | 3.912% |
| 98 | 24.510 | 3642 | 3646 | 3657 | rVB | 141301 | 345374 | 15.82% | 1.408% |
| 99 | 24.663 | 3663 | 3672 | 3680 | rBV2 | 450959 | 1308351 | 59.93% | 5.332% |
| 100 | 25.803 | 3860 | 3866 | 3877 | rVB2 | 81163 | 249616 | 11.43% | 1.017% |

Sum of corrected areas: 24537975

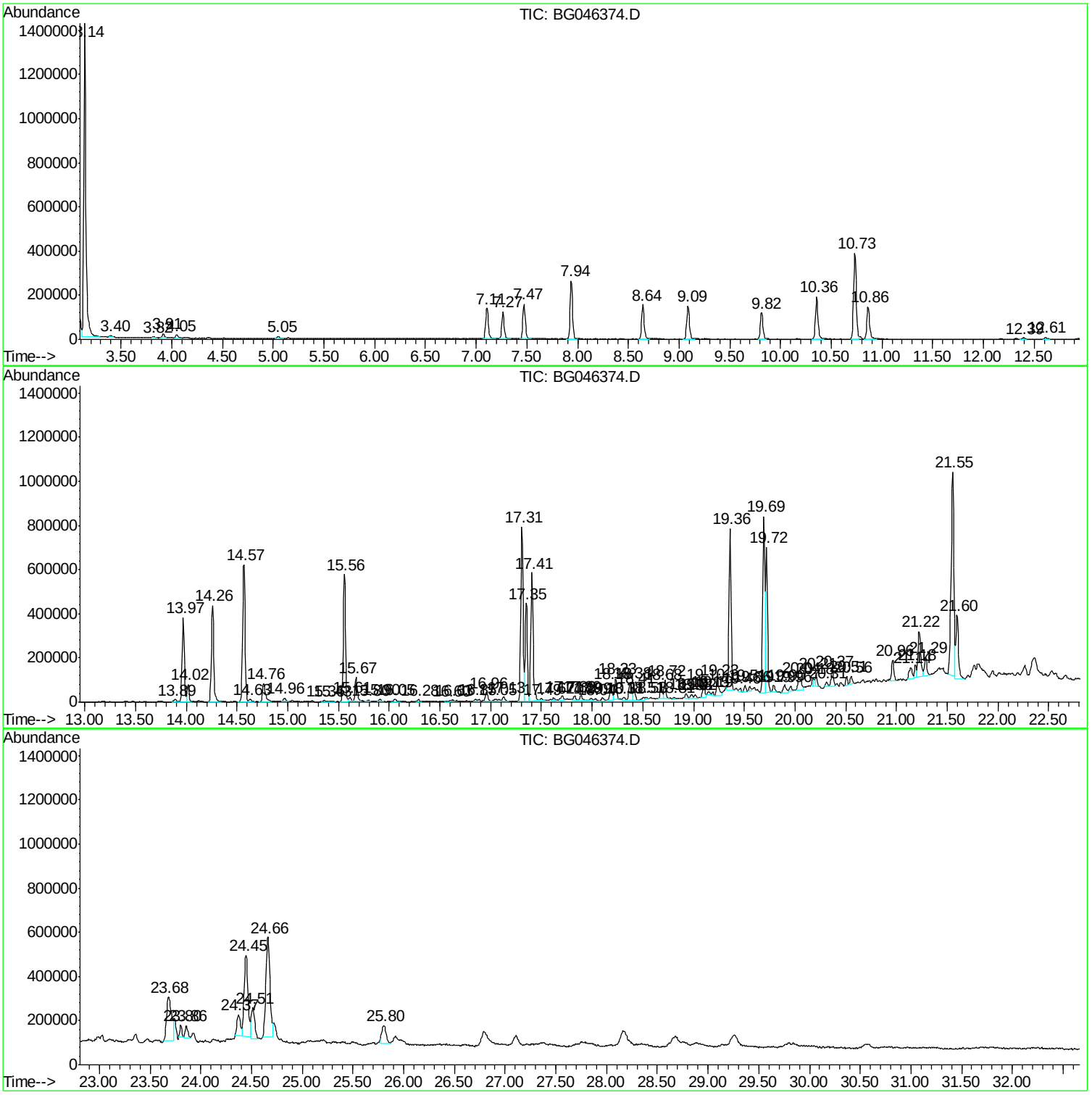
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.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\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

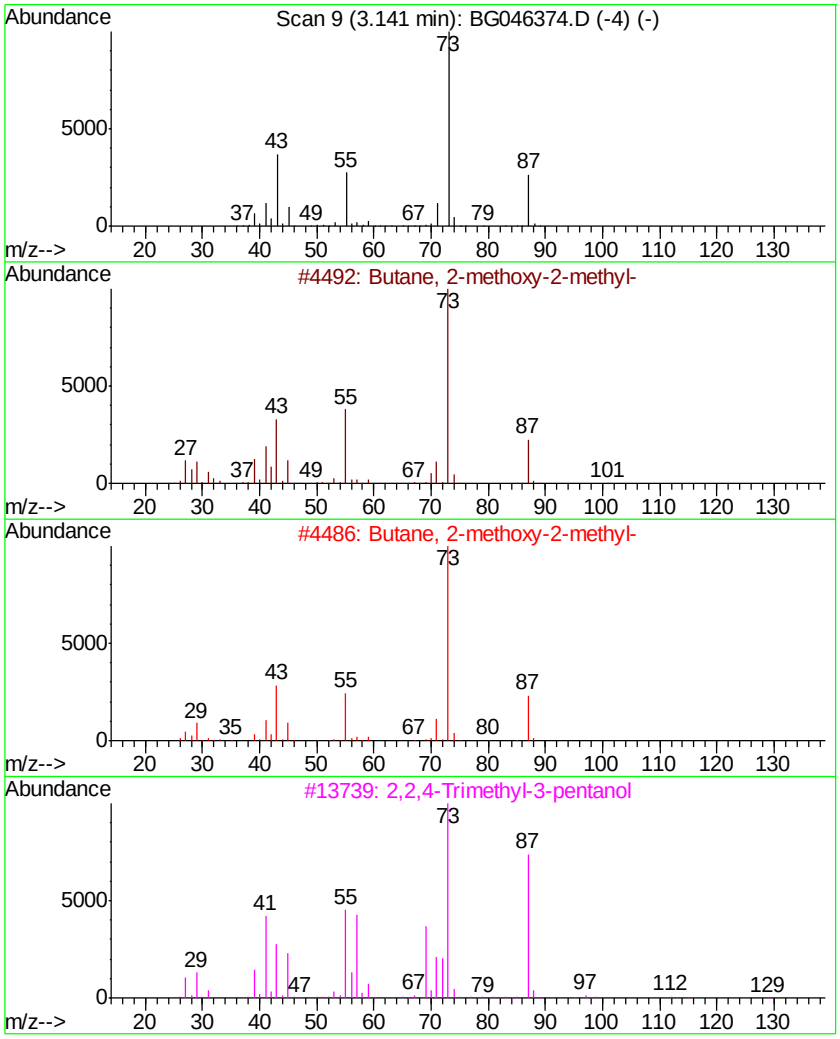
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

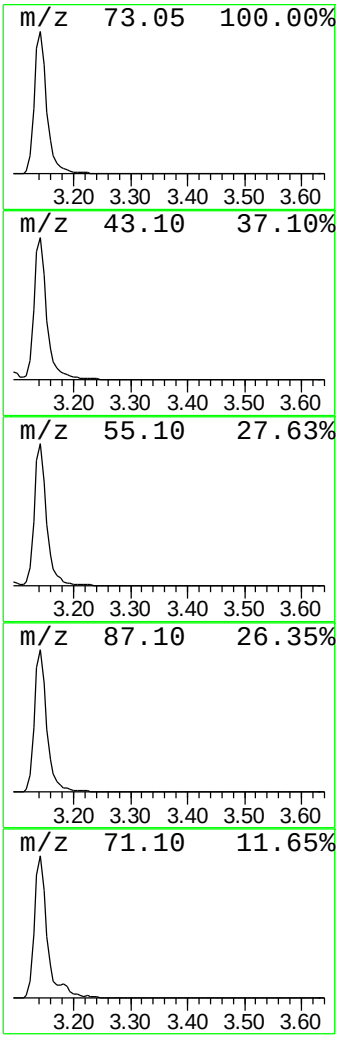
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.14 | 95.44 ng/ul | 2183060 | 1,4-Dichlorobenzene-d4 | 7.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 4 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 5 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 22 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

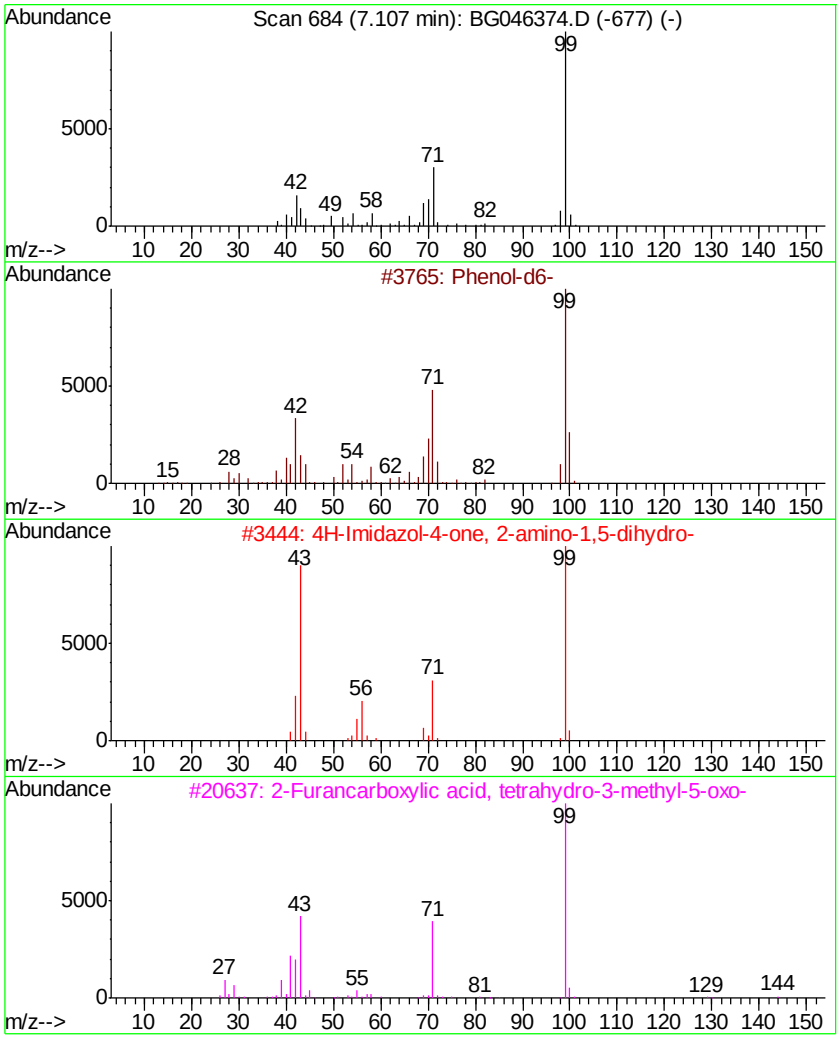
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

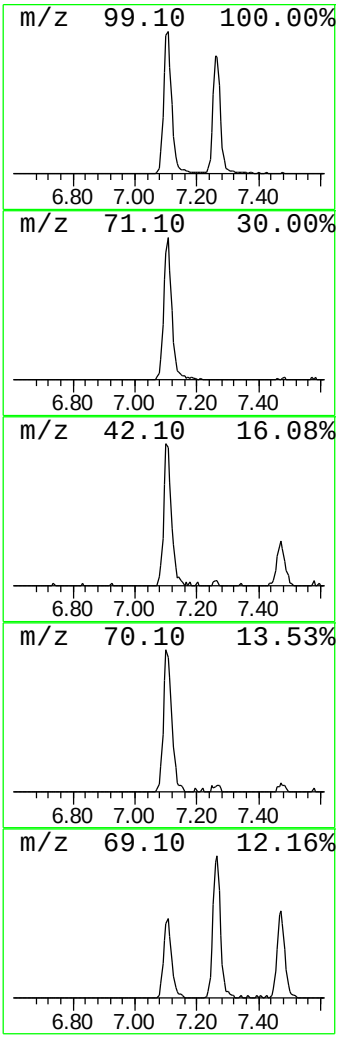
**********

Peak Number 2 4H-Imidazol-4-one, 2-amino-... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.11 | 11.42 ng/ul | 261118 | 1,4-Dichlorobenzene-d4 | 7.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol-d6- | 100 | C6D6O | 013127-88-3 | 64 |
| 2 | 4H-Imidazol-4-one, 2-amino-1,5-d... | 99 | C3H5N3O | 000503-86-6 | 64 |
| 3 | 2-Furancarboxylic acid, tetrahyd... | 144 | C6H8O4 | 022073-04-7 | 45 |
| 4 | n-Heptyl methylphosphonofluoridate | 196 | C8H18FO2P | 162085-82-7 | 38 |
| 5 | Hexanoic acid, anhydride | 214 | C12H22O3 | 002051-49-2 | 38 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

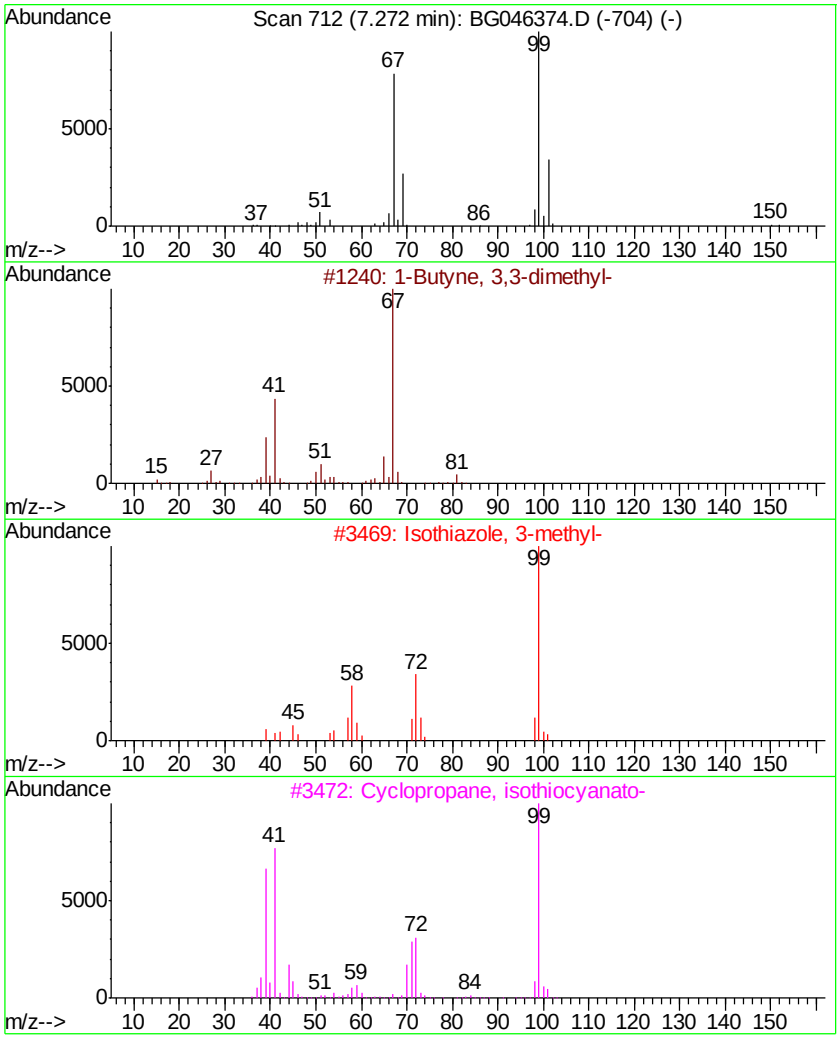
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

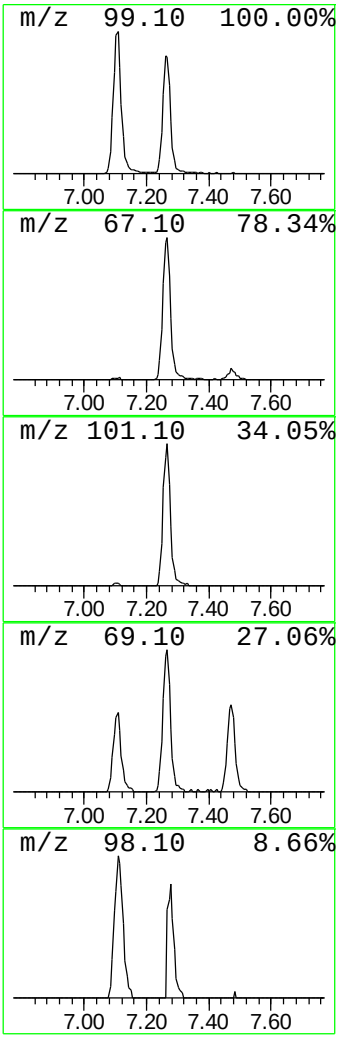
**********

Peak Number 3 unknown-01 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.27 | 9.27 ng/ul | 212105 | 1,4-Dichlorobenzene-d4 | 7.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Butyne, 3,3-dimethyl- | 82 | C6H10 | 000917-92-0 | 12 |
| 2 | Isothiazole, 3-methyl- | 99 | C4H5NS | 000693-92-5 | 9 |
| 3 | Cyclopropane, isothiocyanato- | 99 | C4H5NS | 056601-42-4 | 9 |
| 4 | 3,5-Diamino-1,2,4-triazole | 99 | C2H5N5 | 001455-77-2 | 9 |
| 5 | Propanedinitrile, dichloro- | 134 | C3Cl2N2 | 013063-43-9 | 9 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

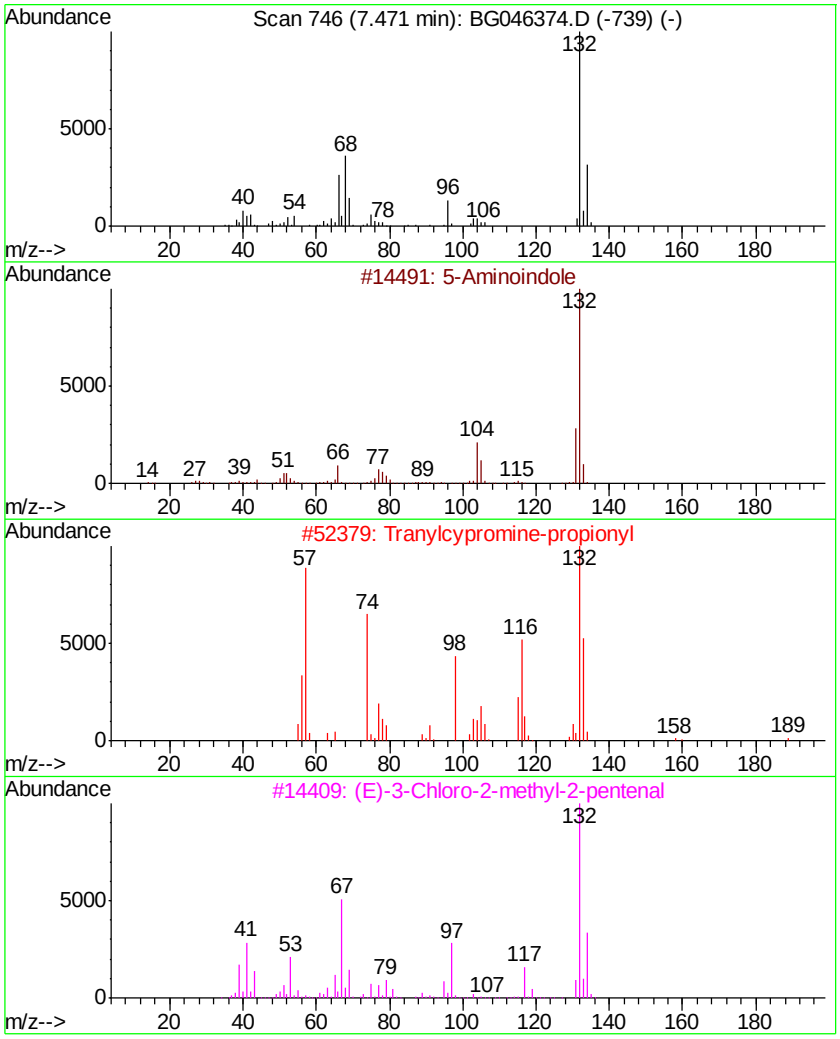
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

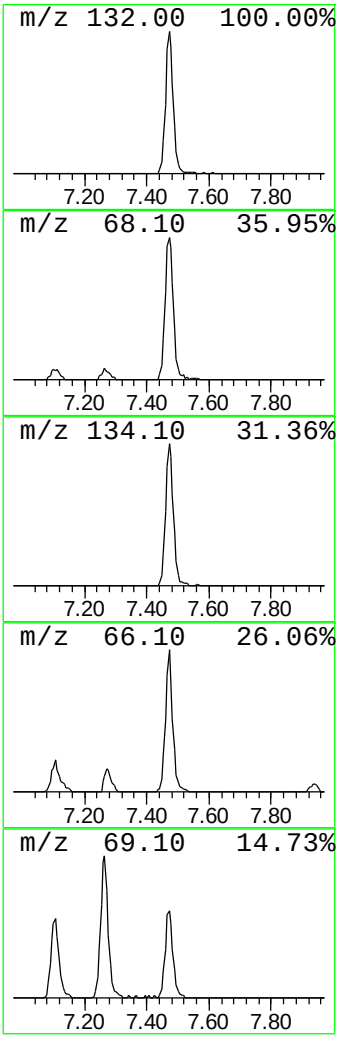
**********

Peak Number 4 unknown-02 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.47 | 12.05 ng/ul | 275727 | 1,4-Dichlorobenzene-d4 | 7.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 27 |
| 2 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 16 |
| 3 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 12 |
| 4 | 1-Isoquinolinemethanol, .alpha.-... | 191 | C12H17NO | 114608-92-3 | 12 |
| 5 | N-(-phenylisopropyl)benzaldimine | 223 | C16H17N | 1000379-01-3 | 12 |



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Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

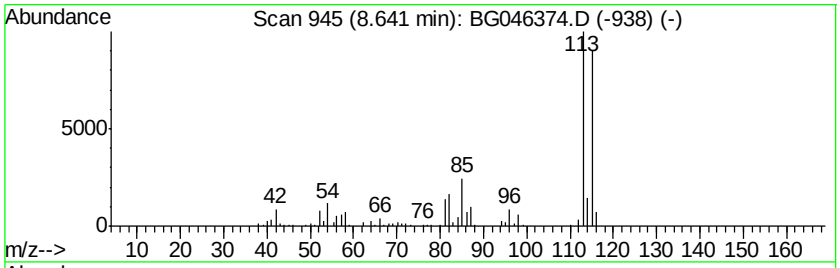
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

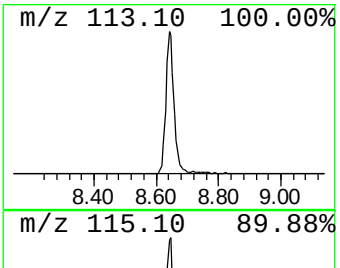
**********

Peak Number 5 unknown-03 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.64 | 12.48 ng/ul | 285454 | 1,4-Dichlorobenzene-d4 | 7.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Glutaric acid, di(5-methoxy-3-me... | 360 | C19H36O6 | 1000360-08-3 | 25 |
| 2 | Heptanoic acid, anhydride | 242 | C14H26O3 | 000626-27-7 | 25 |
| 3 | .alpha.-Methyl-.alpha.-propylsuc... | 155 | C8H13NO2 | 001497-19-4 | 25 |
| 4 | Piperidine-2,5-dione | 113 | C5H7NO2 | 052065-78-8 | 23 |
| 5 | Butanedioyl dihydrazide | 146 | C4H10N4O2 | 004146-43-4 | 17 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

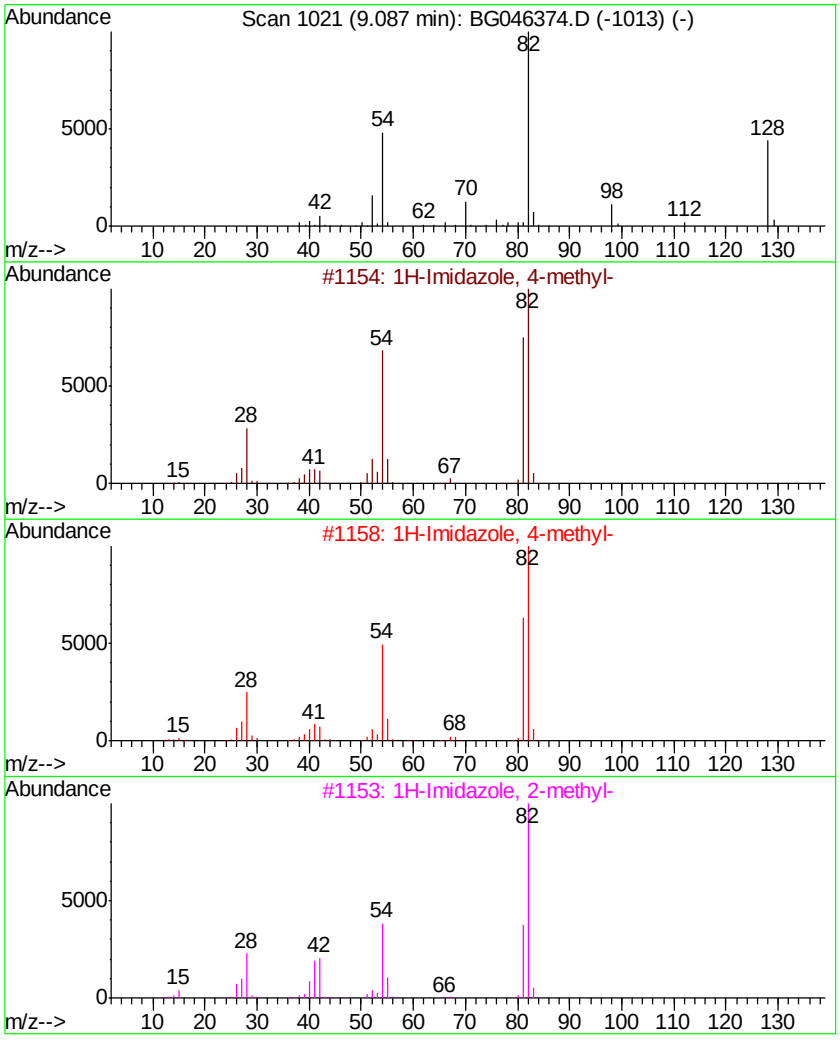
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

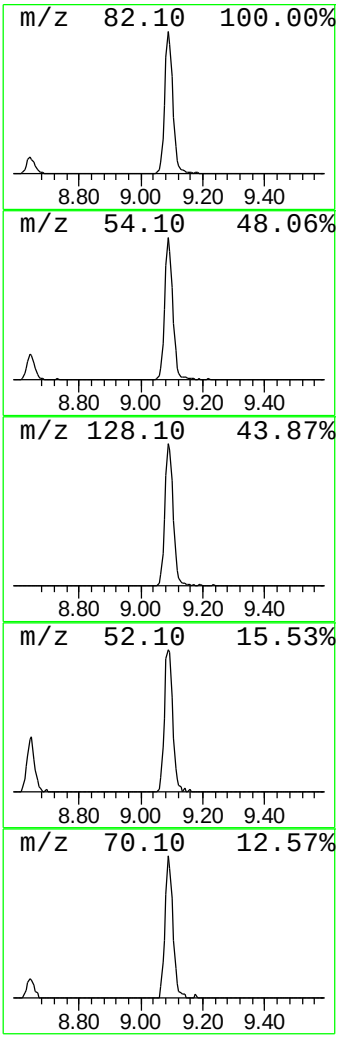
**********

Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.09 | 11.89 ng/ul | 271893 | 1,4-Dichlorobenzene-d4 | 7.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Imidazole, 4-methyl- | 82 | C4H6N2 | 000822-36-6 | 50 |
| 2 | 1H-Imidazole, 4-methyl- | 82 | C4H6N2 | 000822-36-6 | 40 |
| 3 | 1H-Imidazole, 2-methyl- | 82 | C4H6N2 | 000693-98-1 | 40 |
| 4 | Nitrobenzene-D5 | 128 | C6D5NO2 | 004165-60-0 | 38 |
| 5 | Nitrobenzene-D5 | 128 | C6D5NO2 | 004165-60-0 | 38 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

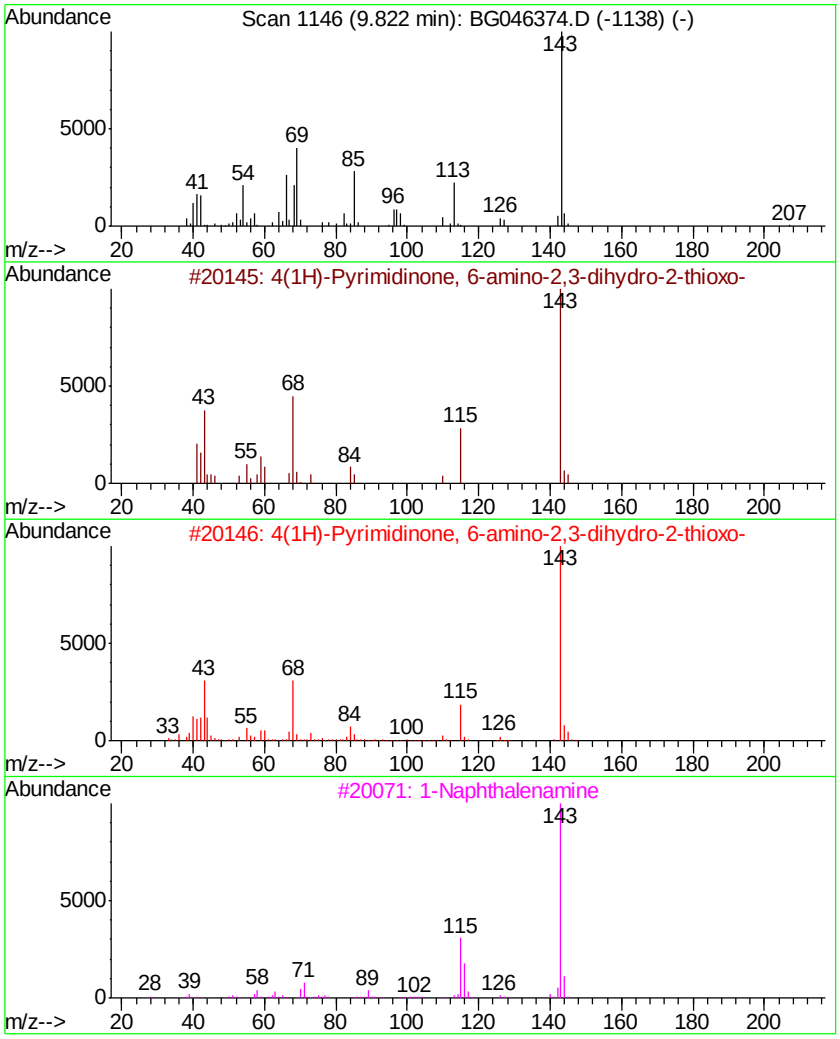
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

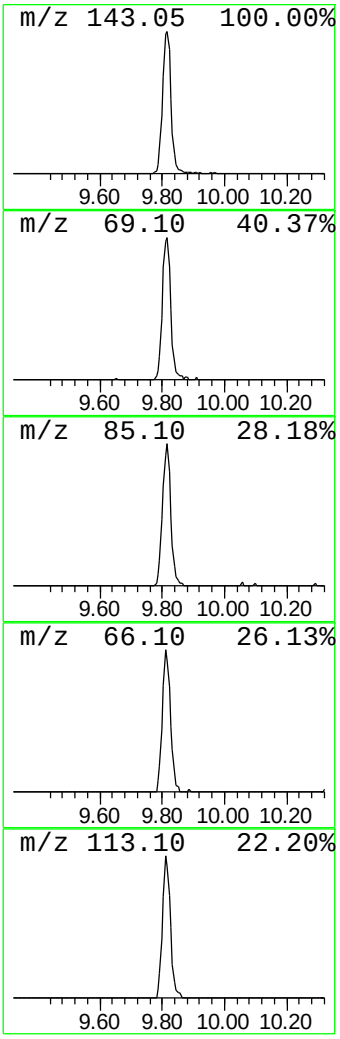
**********

Peak Number 7 unknown-04 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.82 | 6.37 ng/ul | 222352 | Naphthalene-d8 | 10.73 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4(1H)-Pyrimidinone, 6-amino-2,3-... | 143 | C4H5N3OS | 001004-40-6 | 30 |
| 2 | 4(1H)-Pyrimidinone, 6-amino-2,3-... | 143 | C4H5N3OS | 001004-40-6 | 22 |
| 3 | 1-Naphthalenamine | 143 | C10H9N | 000134-32-7 | 22 |
| 4 | 1,2-Benzenedicarbonitrile, 4-amino- | 143 | C8H5N3 | 056765-79-8 | 18 |
| 5 | Tetrahydro-pyrrolo[1,2-c]oxazole... | 143 | C6H9NOS | 1000190-53-6 | 17 |



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Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

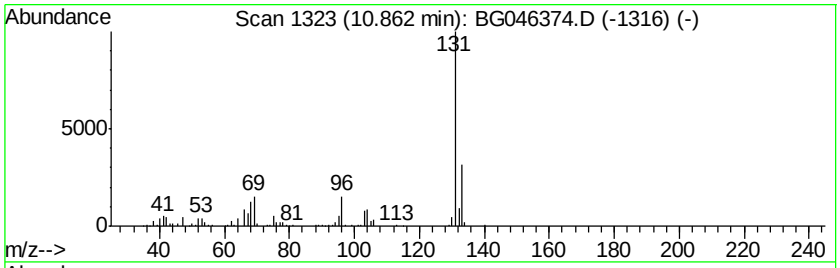
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

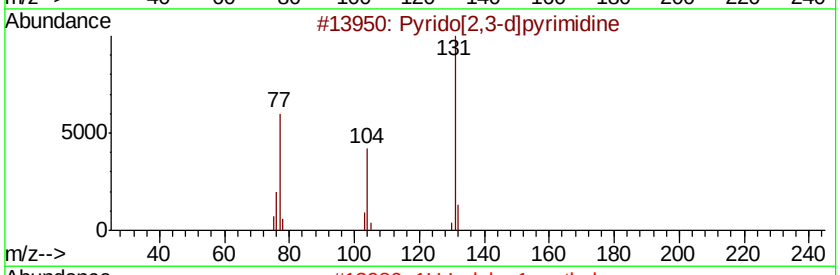
**********

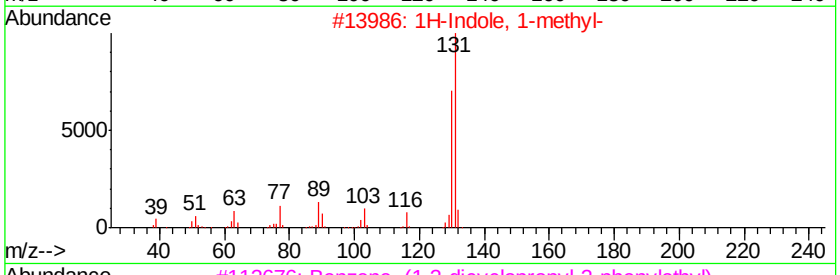
Peak Number 8 Pyrido[2,3-d]pyrimidine Concentration Rank 8

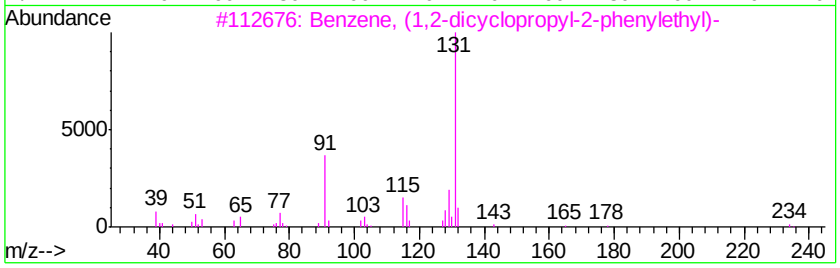
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.86 | 8.33 ng/ul | 290990 | Naphthalene-d8 | 10.73 |

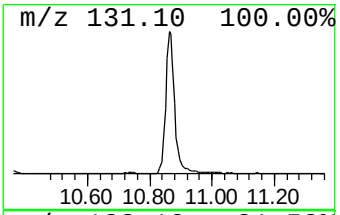
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrido[2,3-d]pyrimidine | 131 | C7H5N3 | 000254-61-5 | 50 |
| 2 | 1H-Indole, 1-methyl- | 131 | C9H9N | 000603-76-9 | 33 |
| 3 | Benzene, (1,2-dicyclopropyl-2-ph... | 262 | C20H22 | 110330-90-0 | 33 |
| 4 | Benzene, (2-propynyloxy)- | 132 | C9H8O | 013610-02-1 | 9 |
| 5 | 4-Aminobenzyl cyanide | 132 | C8H8N2 | 003544-25-0 | 9 |

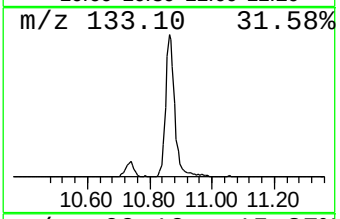


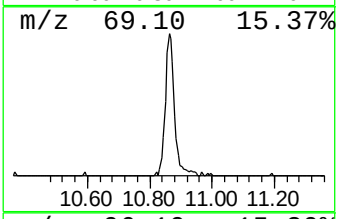



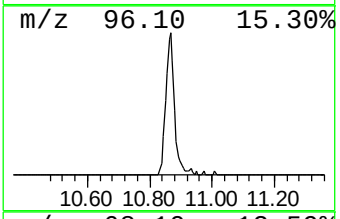



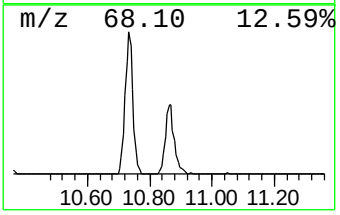



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Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

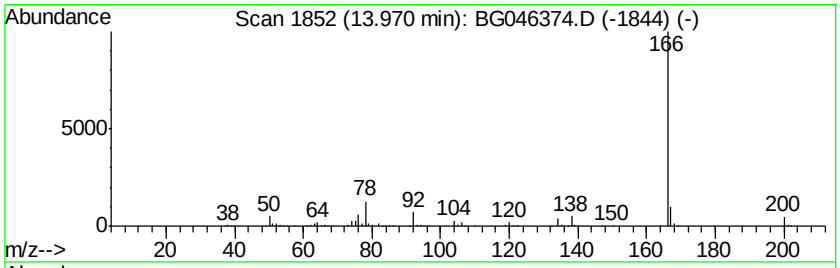
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

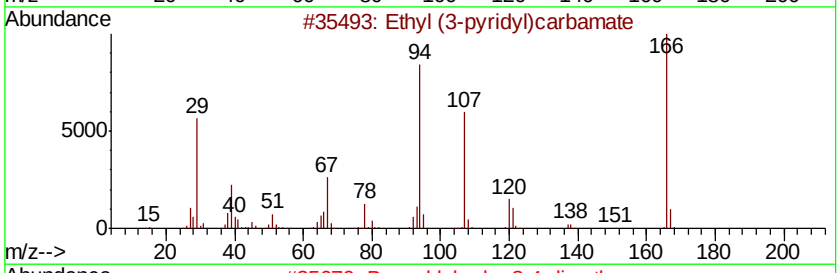
**********

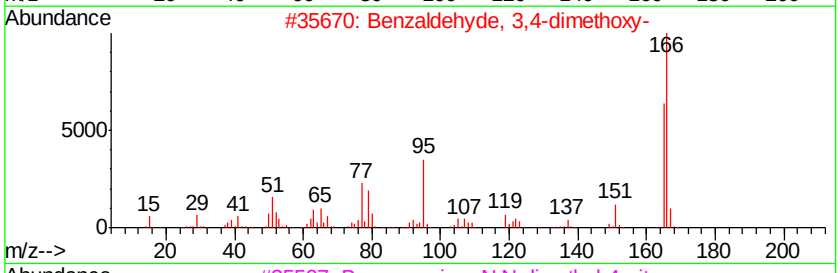
Peak Number 9 unknown-05 Concentration Rank 6

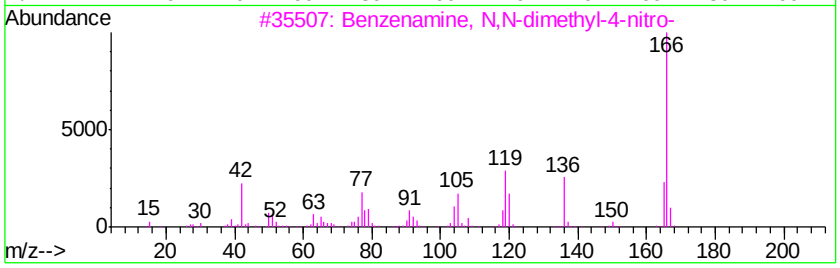
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.97 | 11.21 ng/ul | 568564 | Acenaphthene-d10 | 14.56 |

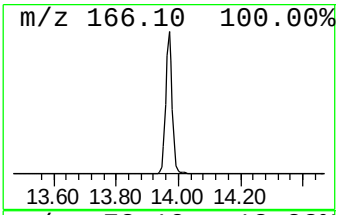
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethyl (3-pyridyl)carbamate | 166 | C8H10N2O2 | 006276-11-5 | 39 |
| 2 | Benzaldehyde, 3,4-dimethoxy- | 166 | C9H10O3 | 000120-14-9 | 38 |
| 3 | Benzenamine, N,N-dimethyl-4-nitro- | 166 | C8H10N2O2 | 000100-23-2 | 38 |
| 4 | Benzo[b]tetrahydrofuran-3-one, 5... | 166 | C8H6O4 | 014771-00-7 | 9 |
| 5 | p-Anisamidoxime | 166 | C8H10N2O2 | 005373-87-5 | 9 |

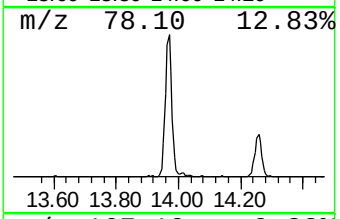


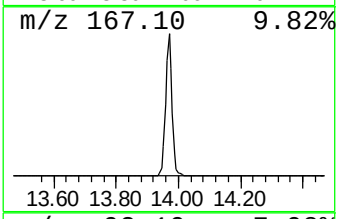



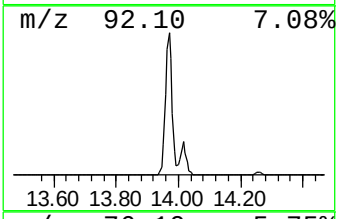



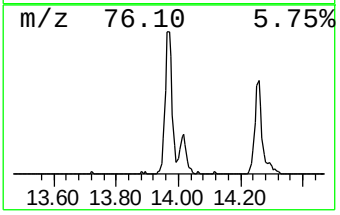



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

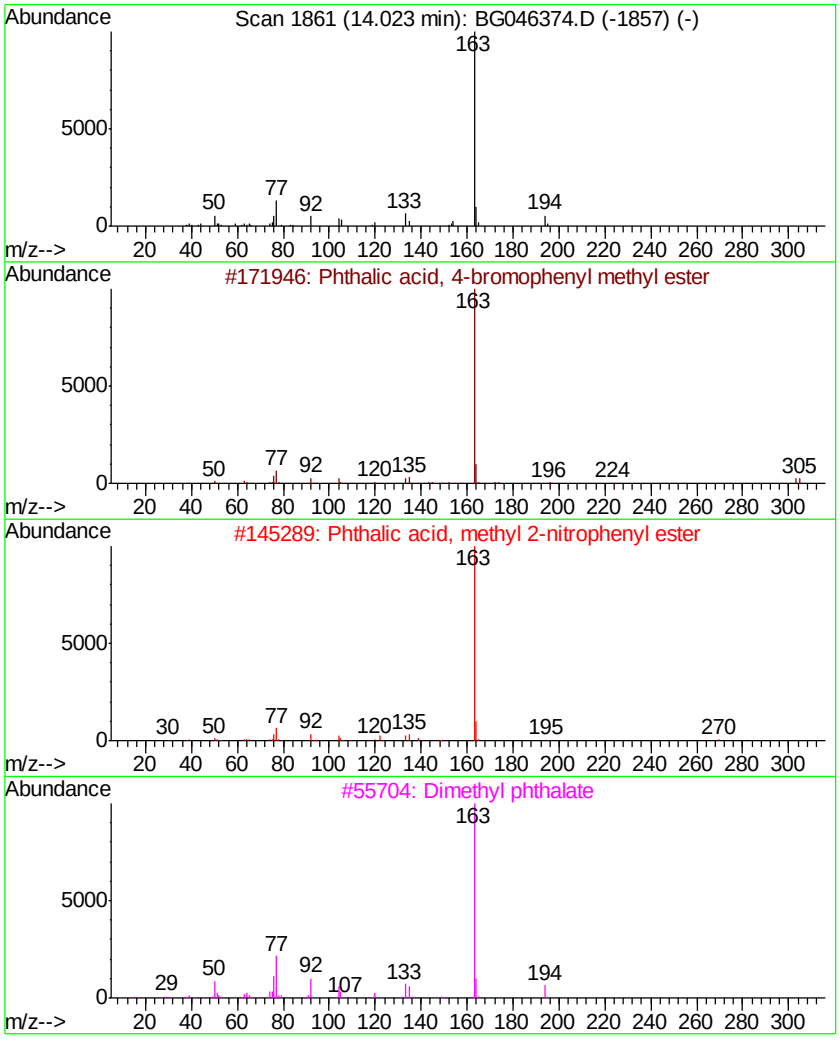
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

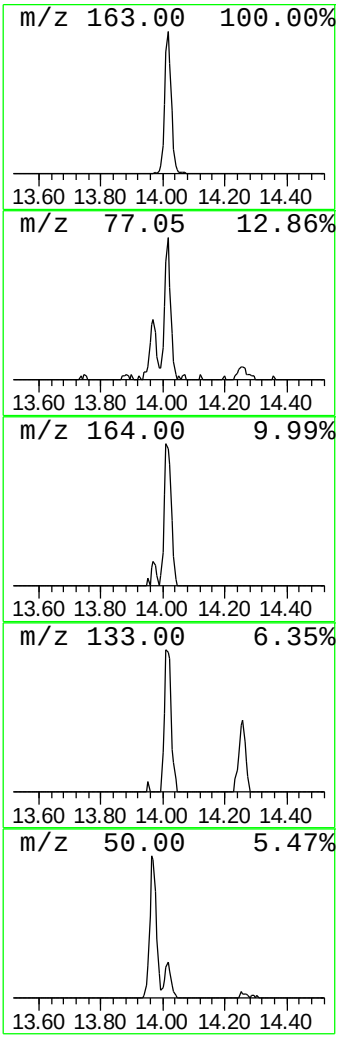
**********

Peak Number 10 Phthalic acid, 4-bromopheny... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.02 | 2.10 ng/ul | 106530 | Acenaphthene-d10 | 14.56 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phthalic acid, 4-bromophenyl met... | 334 | C15H11BrO4 | 1000315-66-6 | 83 |
| 2 | Phthalic acid, methyl 2-nitrophe... | 301 | C15H11NO6 | 1000315-68-3 | 83 |
| 3 | Dimethyl phthalate | 194 | C10H10O4 | 000131-11-3 | 83 |
| 4 | Phthalic acid, 4-fluoro-2-nitrop... | 319 | C15H10FNO6 | 1000315-63-4 | 78 |
| 5 | 2-Ethylbutyl methyl phthalate | 264 | C15H20O4 | 1000373-89-6 | 78 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

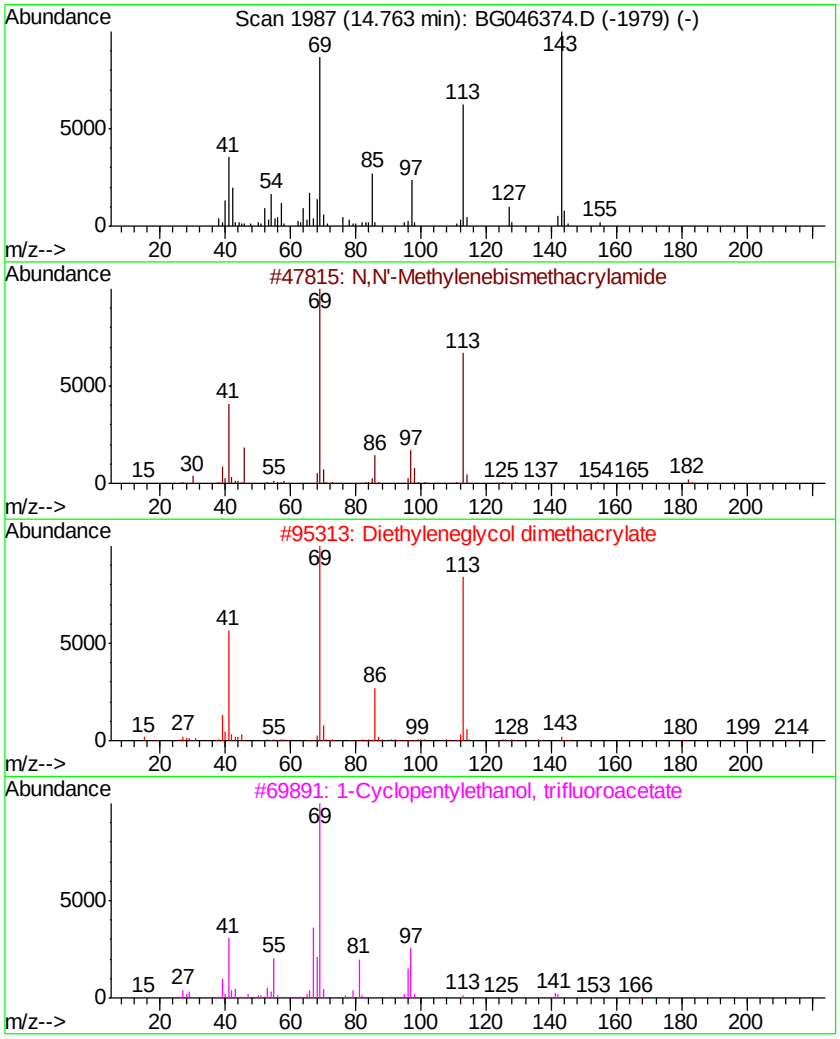
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

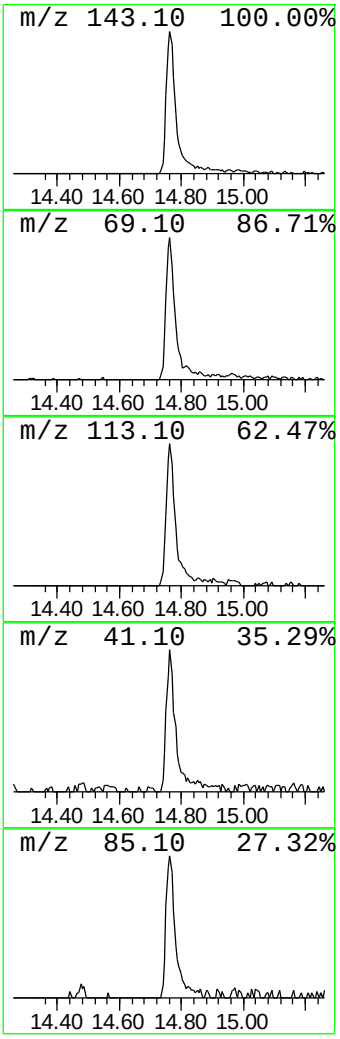
**********

Peak Number 11 unknown-06 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.76 | 3.49 ng/ul | 177141 | Acenaphthene-d10 | 14.56 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | N,N'-Methylenebismethacrylamide | 182 | C9H14N2O2 | 002359-15-1 | 38 |
| 2 | Diethyleneglycol dimethacrylate | 242 | C12H18O5 | 002358-84-1 | 35 |
| 3 | 1-Cyclopentylethanol, trifluoroa... | 210 | C9H13F3O2 | 1000364-11-9 | 22 |
| 4 | 1,2-Benzenedicarbonitrile, 4-amino- | 143 | C8H5N3 | 056765-79-8 | 14 |
| 5 | 4-Amino-2-chloro-6-methylpyrimidine | 143 | C5H6ClN3 | 014394-60-6 | 14 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

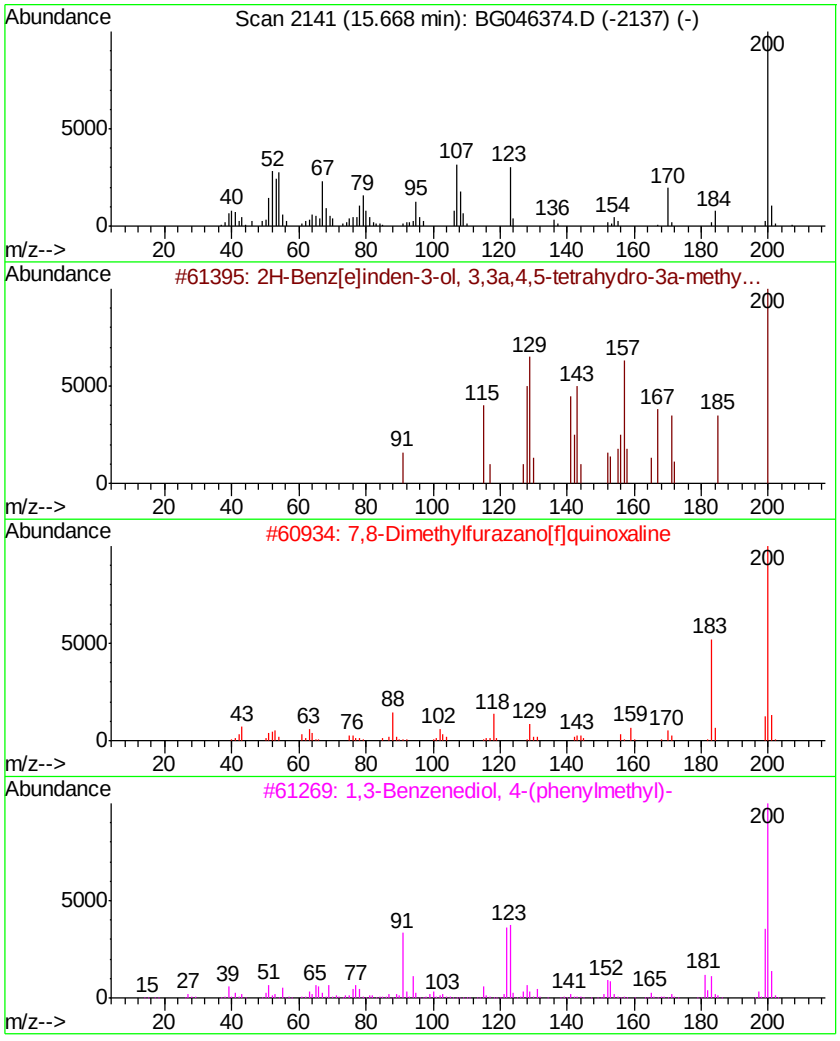
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

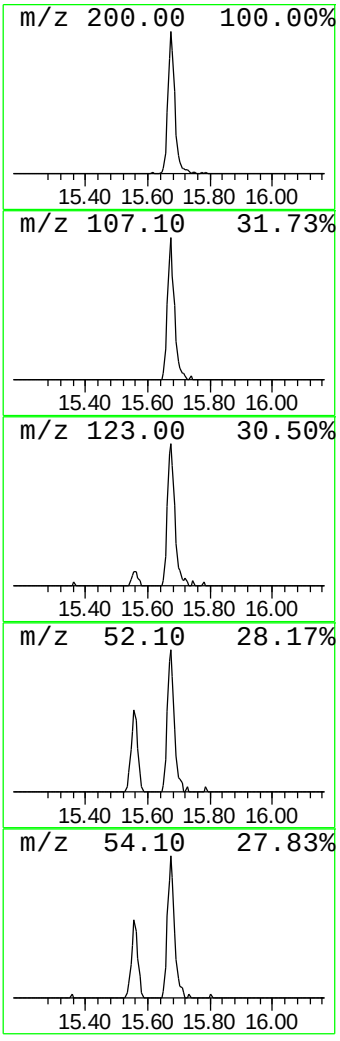
**********

Peak Number 12 unknown-07 Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.67 | 3.37 ng/ul | 171071 | Acenaphthene-d10 | 14.56 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2H-Benz[e]inden-3-ol, 3,3a,4,5-t... | 200 | C14H16O | 071805-91-9 | 35 |
| 2 | 7,8-Dimethylfurazano[f]quinoxaline | 200 | C10H8N4O | 1000110-74-6 | 22 |
| 3 | 1,3-Benzenediol, 4-(phenylmethyl)- | 200 | C13H12O2 | 002284-30-2 | 16 |
| 4 | Benzene, 1-methoxy-3-phenoxy- | 200 | C13H12O2 | 001655-68-1 | 14 |
| 5 | 4,6(1H,5H)-Pyrimidinedione, 1,3-... | 200 | C8H12N2O2S | 005217-47-0 | 14 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

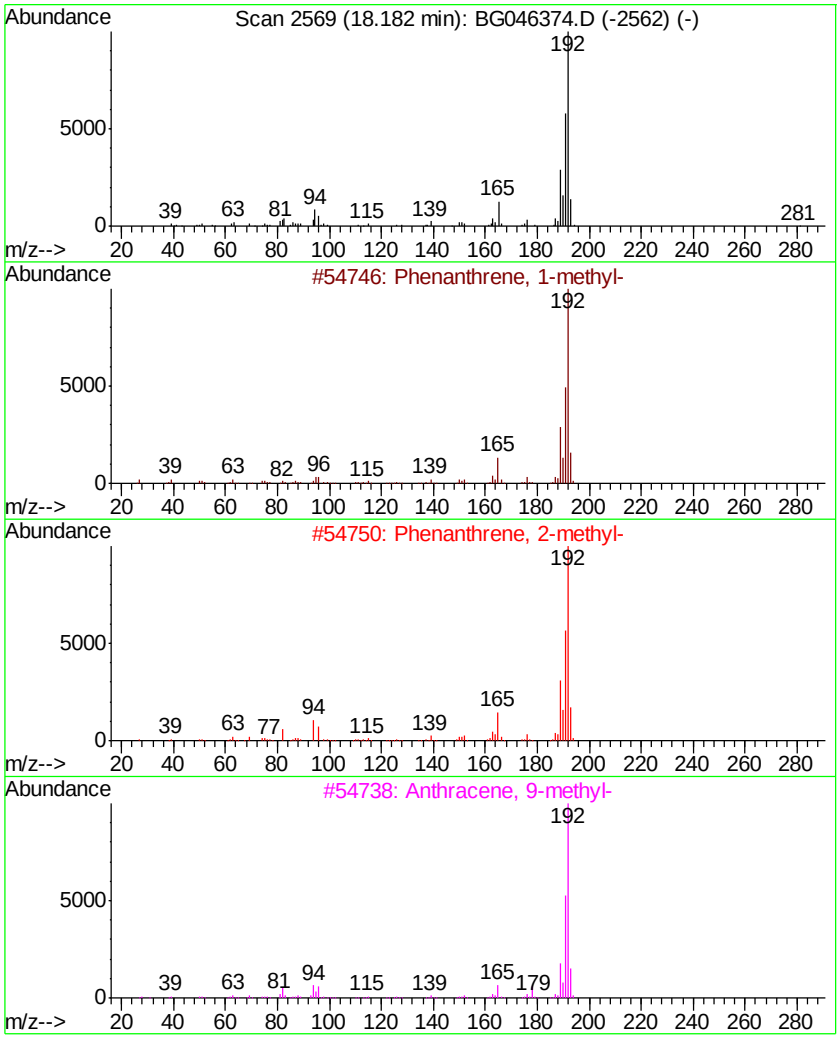
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

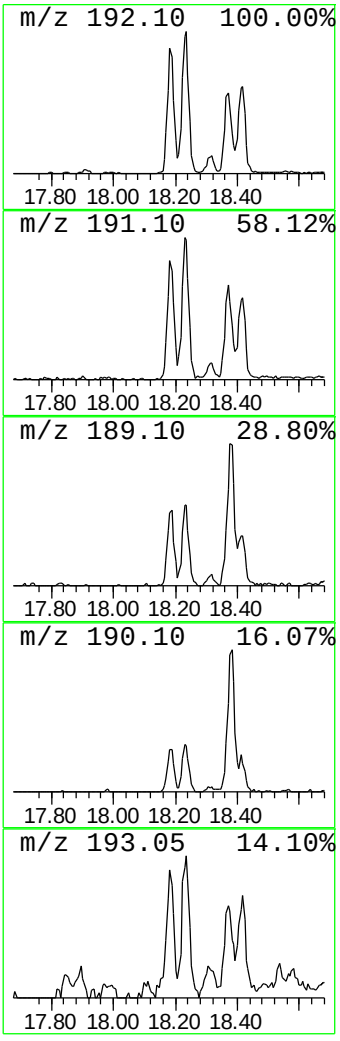
**********

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.18 | 2.01 ng/ul | 121820 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |
| 3 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 90 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 89 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 89 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

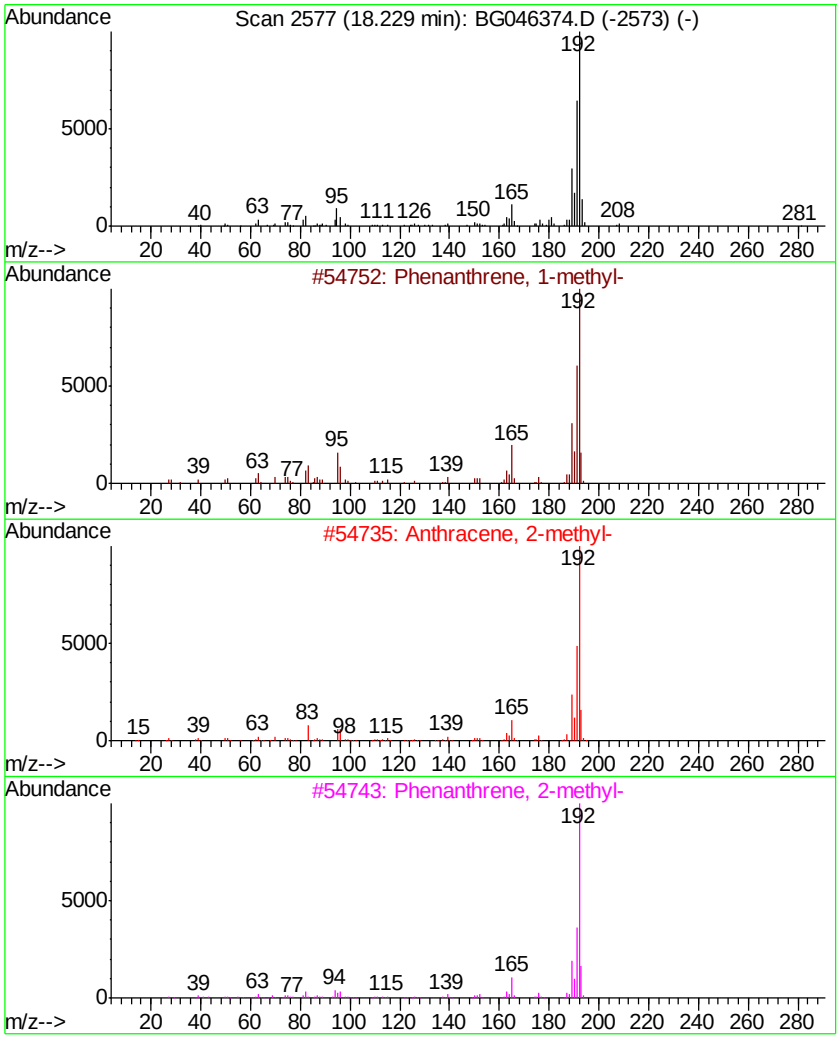
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

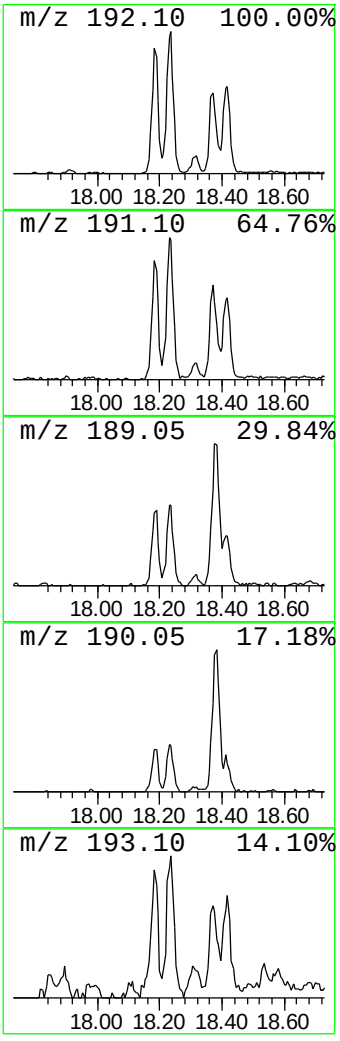
**********

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.23 | 2.45 ng/ul | 148829 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 93 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 93 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 92 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

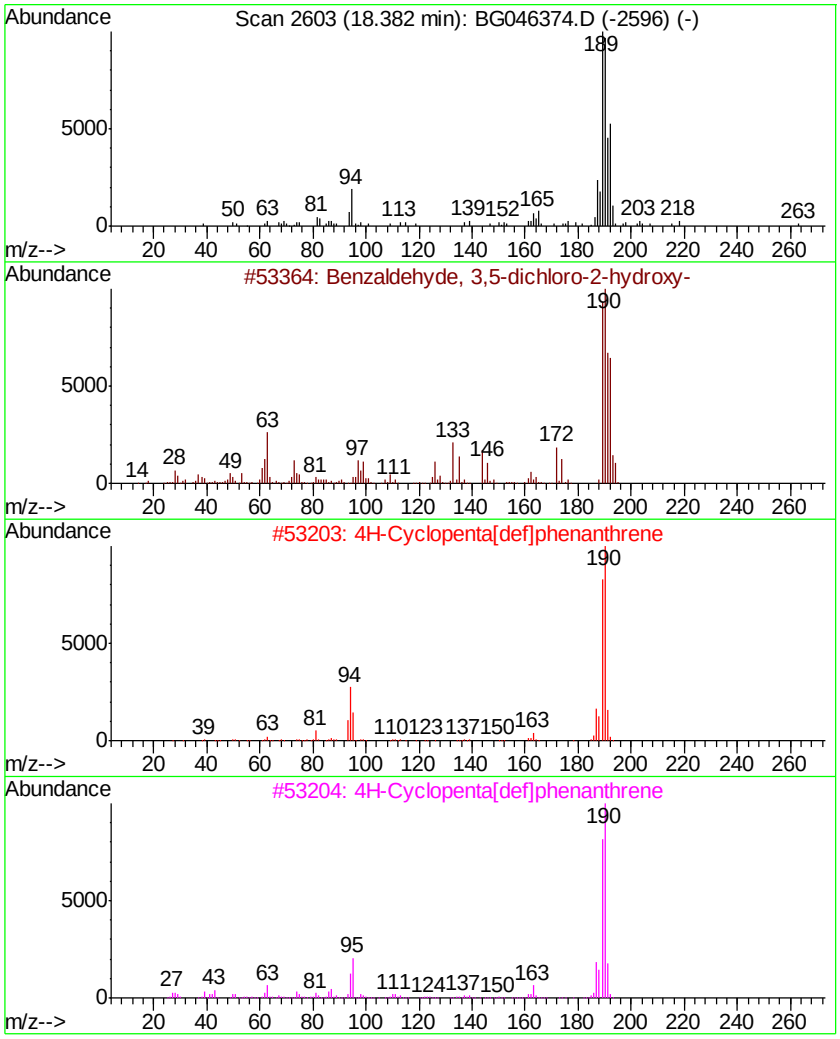
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

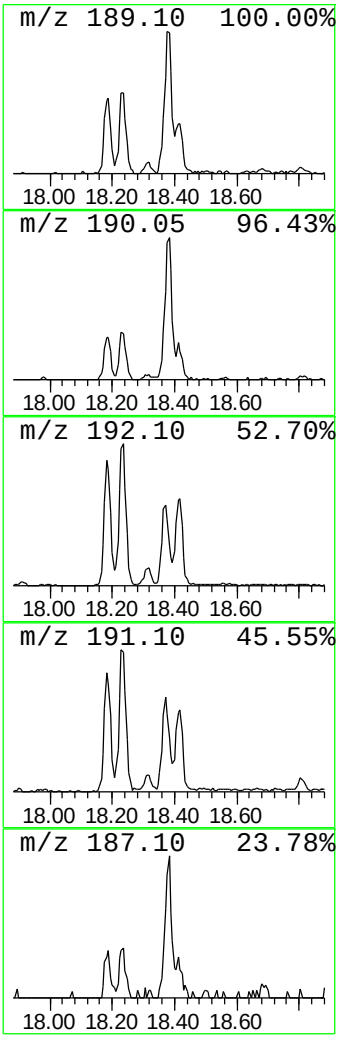
**********

Peak Number 15 Benzaldehyde, 3,5-dichloro-... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.38 | 2.48 ng/ul | 150386 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzaldehyde, 3,5-dichloro-2-hyd... | 190 | C7H4Cl2O2 | 000090-60-8 | 64 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 64 |
| 3 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 49 |
| 4 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 47 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 42 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

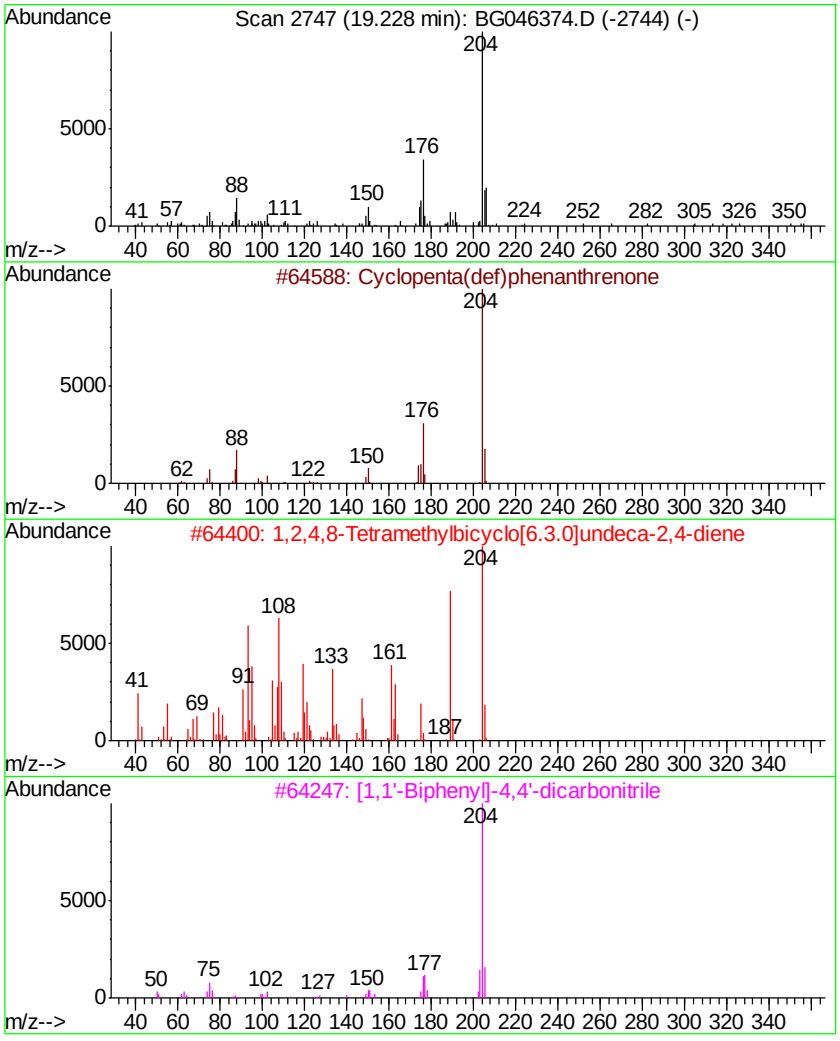
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

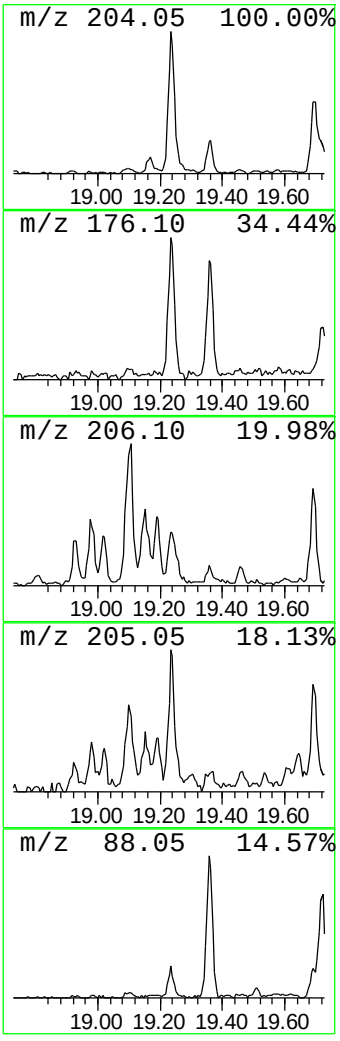
**********

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.23 | 2.21 ng/ul | 134011 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 96 |
| 2 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 53 |
| 3 | [1,1'-Biphenyl]-4,4'-dicarbonitrile | 204 | C14H8N2 | 001591-30-6 | 50 |
| 4 | Quinoline, 8-methoxy-5-nitro- | 204 | C10H8N2O3 | 1000298-88-7 | 47 |
| 5 | 3,4-Biphenyldicarbonitrile | 204 | C14H8N2 | 004128-63-6 | 45 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

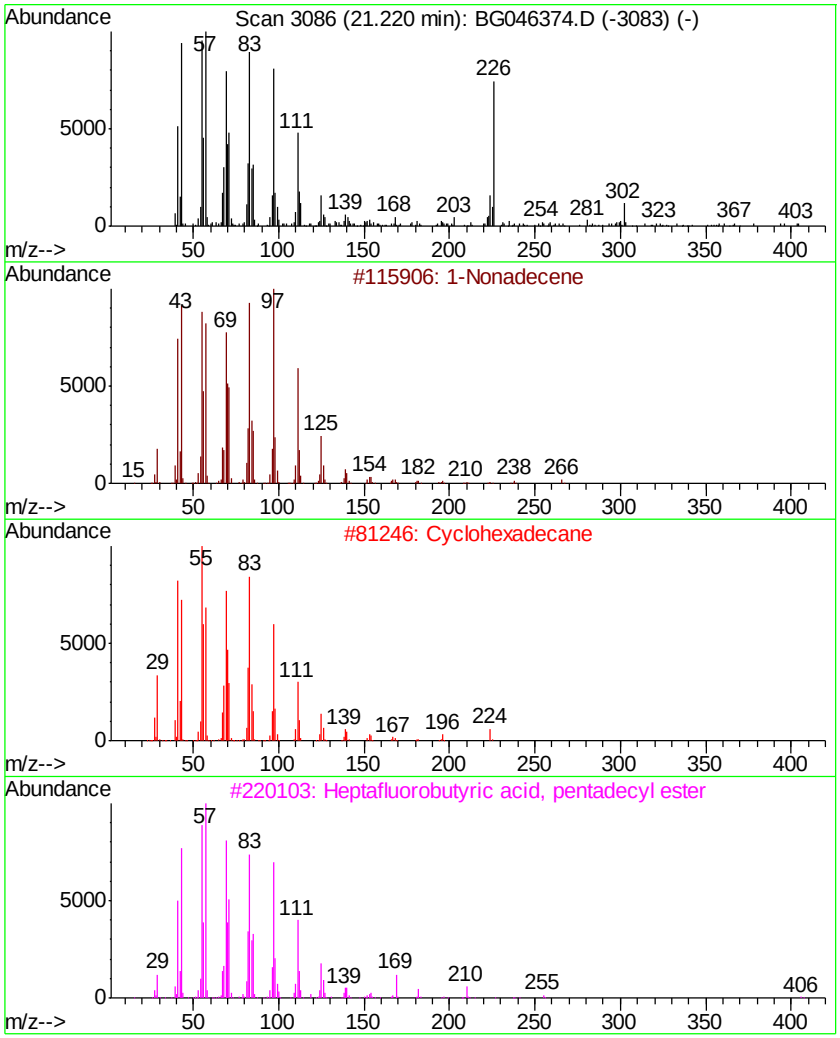
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

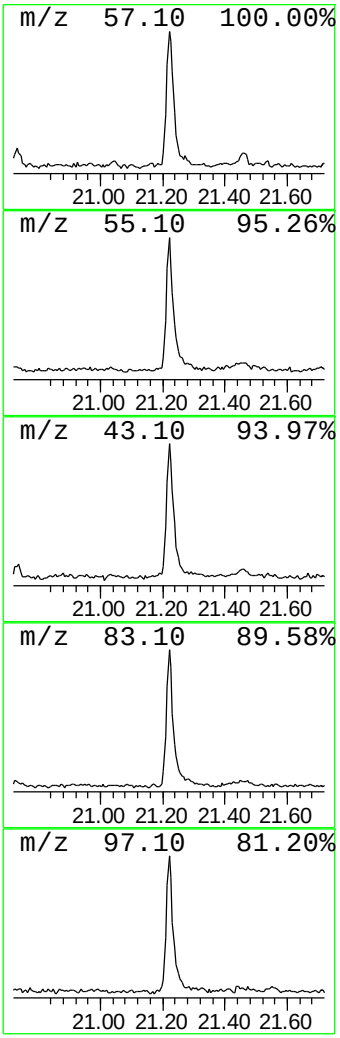
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.22 | 4.49 ng/ul | 387928 | Chrysene-d12 | 21.55 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 99 |
| 2 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 93 |
| 3 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 89 |
| 4 | 13-Tetradecen-1-ol acetate | 254 | C16H30O2 | 056221-91-1 | 78 |
| 5 | 3-Chloropropionic acid, heptadec... | 346 | C20H39ClO2 | 1000283-05-1 | 76 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

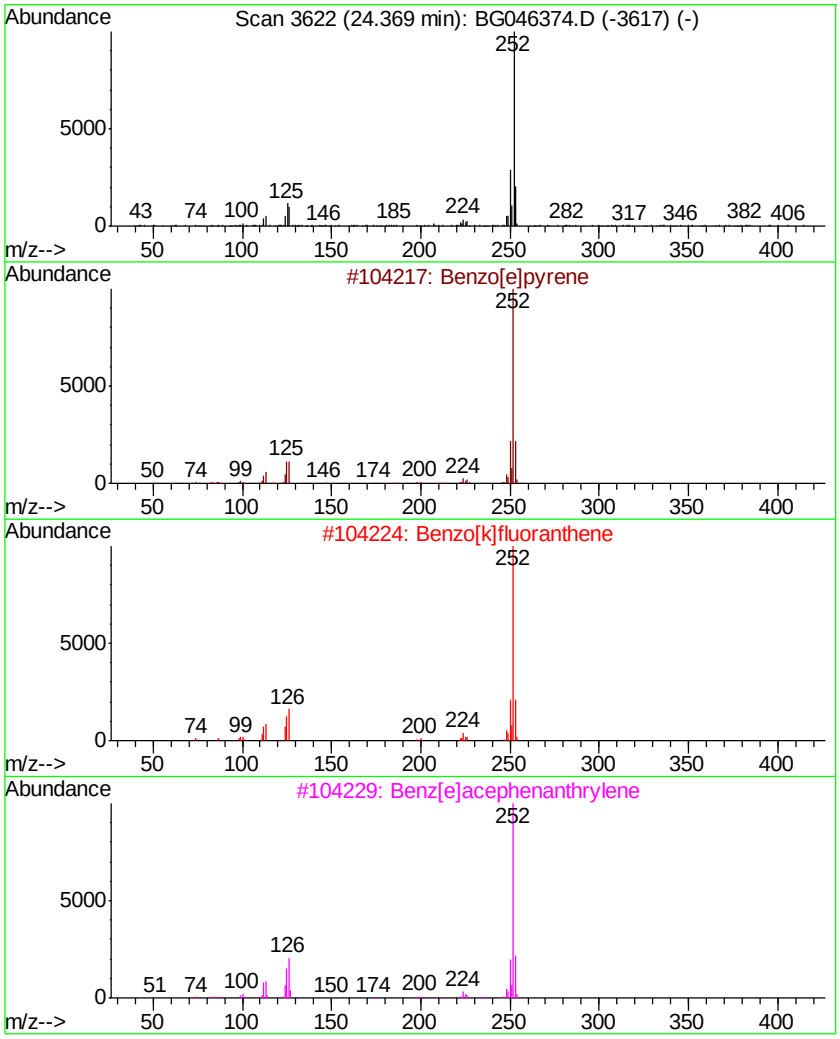
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

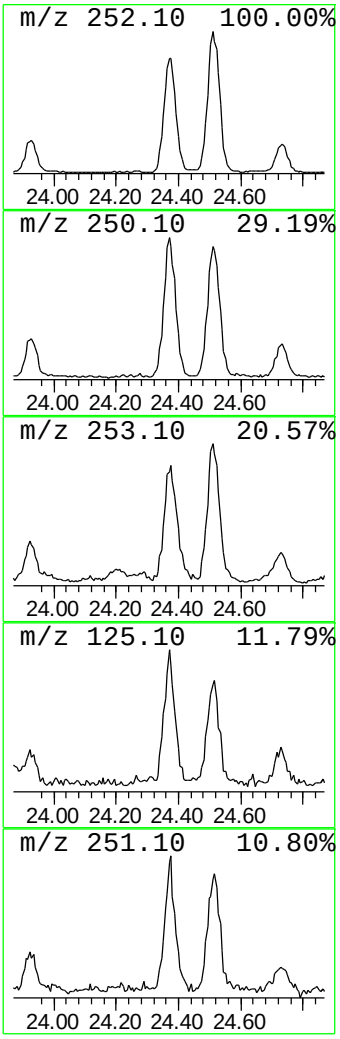
**********

Peak Number 18 Benzo[e]pyrene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.37 | 3.39 ng/ul | 222008 | Perylene-d12 | 24.66 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 96 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 95 |
| 3 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 94 |
| 4 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 93 |
| 5 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

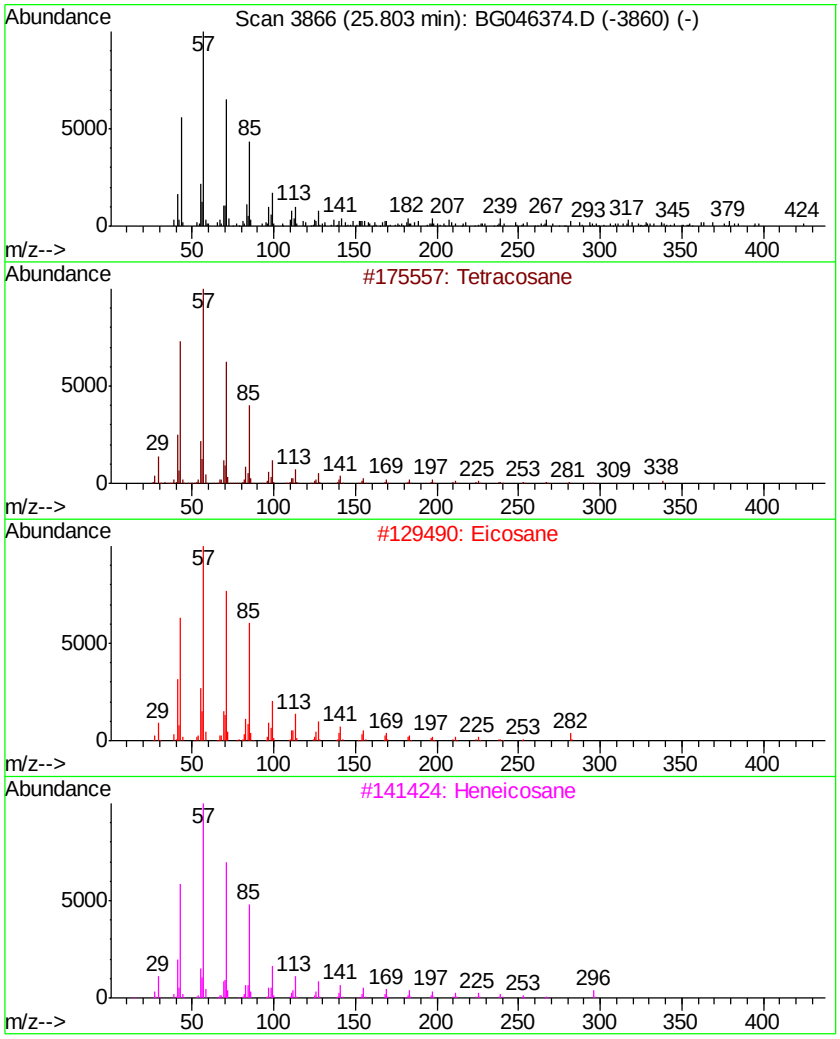
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

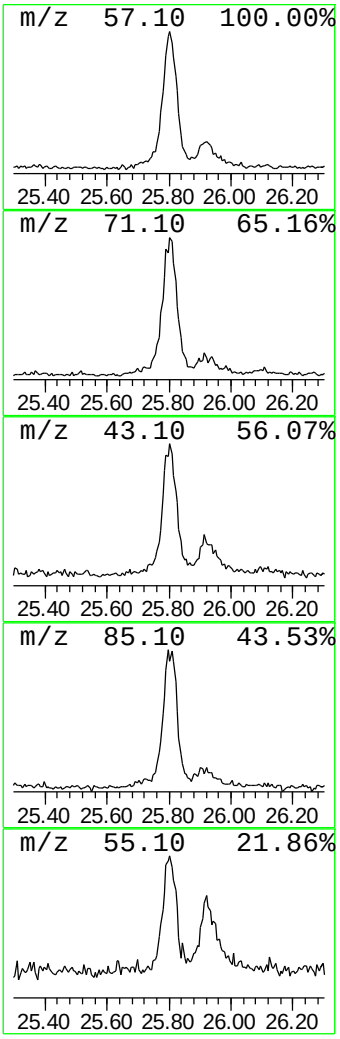
**********

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.80 | 3.82 ng/ul | 249616 | Perylene-d12 | 24.66 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 93 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 93 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 93 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 93 |
| 5 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 93 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
Data File : BG046374.D
Acq On : 20 Aug 2020 11:55
Operator : CG/JU
Sample : L3634-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFMF5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.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... | 3.14 | 95.4 | ng/ul | 2183060 | 1 | 7.94 | 457495 | 20.0 |
| 4H-Imidazol-4-one... | 7.11 | 11.4 | ng/ul | 261118 | 1 | 7.94 | 457495 | 20.0 |
| unknown-01 | 7.27 | 9.3 | ng/ul | 212105 | 1 | 7.94 | 457495 | 20.0 |
| unknown-02 | 7.47 | 12.1 | ng/ul | 275727 | 1 | 7.94 | 457495 | 20.0 |
| unknown-03 | 8.64 | 12.5 | ng/ul | 285454 | 1 | 7.94 | 457495 | 20.0 |
| 1H-Imidazole, 4-m... | 9.09 | 11.9 | ng/ul | 271893 | 1 | 7.94 | 457495 | 20.0 |
| unknown-04 | 9.82 | 6.4 | ng/ul | 222352 | 2 | 10.73 | 698433 | 20.0 |
| Pyrido[2,3-d]pyri... | 10.86 | 8.3 | ng/ul | 290990 | 2 | 10.73 | 698433 | 20.0 |
| unknown-05 | 13.97 | 11.2 | ng/ul | 568564 | 3 | 14.56 | 1014060 | 20.0 |
| Phthalic acid, 4-... | 14.02 | 2.1 | ng/ul | 106530 | 3 | 14.56 | 1014060 | 20.0 |
| unknown-06 | 14.76 | 3.5 | ng/ul | 177141 | 3 | 14.56 | 1014060 | 20.0 |
| unknown-07 | 15.67 | 3.4 | ng/ul | 171071 | 3 | 14.56 | 1014060 | 20.0 |
| Phenanthrene, 1-m... | 18.18 | 2.0 | ng/ul | 121820 | 4 | 17.31 | 1213590 | 20.0 |
| Anthracene, 2-met... | 18.23 | 2.5 | ng/ul | 148829 | 4 | 17.31 | 1213590 | 20.0 |
| Benzaldehyde, 3,5... | 18.38 | 2.5 | ng/ul | 150386 | 4 | 17.31 | 1213590 | 20.0 |
| Cyclopenta(def)ph... | 19.23 | 2.2 | ng/ul | 134011 | 4 | 17.31 | 1213590 | 20.0 |
| (DEL) Alkane: Str... | 21.22 | 4.5 | ng/ul | 387928 | 5 | 21.55 | 1727840 | 20.0 |
| Benzo[e]pyrene | 24.37 | 3.4 | ng/ul | 222008 | 6 | 24.66 | 1308350 | 20.0 |
| (DEL) Alkane: Str... | 25.80 | 3.8 | ng/ul | 249616 | 6 | 24.66 | 1308350 | 20.0 |