LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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 | 3.140 | 4 | 9 | 40 | rVB | 1132852 | 1952649 | 63.31% | 3.659% |
| 2 | 7.106 | 677 | 684 | 694 | rBV | 265489 | 463328 | 15.02% | 0.868% |
| 3 | 7.265 | 706 | 711 | 720 | rBV | 189158 | 311344 | 10.09% | 0.583% |
| 4 | 7.477 | 740 | 747 | 753 | rBV | 257344 | 449539 | 14.57% | 0.842% |
| 5 | 7.535 | 753 | 757 | 763 | rVV | 30685 | 49598 | 1.61% | 0.093% |
| 6 | 7.941 | 819 | 826 | 835 | rBV | 257351 | 432497 | 14.02% | 0.810% |
| 7 | 8.646 | 939 | 946 | 957 | rVV | 341734 | 574783 | 18.64% | 1.077% |
| 8 | 9.092 | 1015 | 1022 | 1033 | rVV | 230090 | 413548 | 13.41% | 0.775% |
| 9 | 9.815 | 1137 | 1145 | 1156 | rBV | 202677 | 364562 | 11.82% | 0.683% |
| 10 | 10.356 | 1229 | 1237 | 1251 | rBV | 362108 | 664008 | 21.53% | 1.244% |
| 11 | 10.737 | 1293 | 1302 | 1307 | rBV | 381685 | 665332 | 21.57% | 1.247% |
| 12 | 10.784 | 1307 | 1310 | 1316 | rVB | 46867 | 76073 | 2.47% | 0.143% |
| 13 | 10.867 | 1316 | 1324 | 1337 | rBV | 269967 | 509454 | 16.52% | 0.955% |
| 14 | 12.259 | 1551 | 1561 | 1567 | rBV | 23979 | 46234 | 1.50% | 0.087% |
| 15 | 12.394 | 1577 | 1584 | 1591 | rVB | 43372 | 71660 | 2.32% | 0.134% |
| 16 | 12.612 | 1615 | 1621 | 1628 | rVB | 33238 | 56281 | 1.82% | 0.105% |
| 17 | 13.740 | 1807 | 1813 | 1820 | rVB4 | 14995 | 37535 | 1.22% | 0.070% |
| 18 | 13.893 | 1830 | 1839 | 1844 | rBV | 33398 | 61144 | 1.98% | 0.115% |
| 19 | 13.969 | 1844 | 1852 | 1857 | rVV | 699556 | 1091186 | 35.38% | 2.045% |
| 20 | 14.016 | 1857 | 1860 | 1867 | rVB | 315056 | 443862 | 14.39% | 0.832% |
| 21 | 14.257 | 1891 | 1901 | 1917 | rBV | 817741 | 1412502 | 45.80% | 2.647% |
| 22 | 14.568 | 1944 | 1954 | 1960 | rBV | 646446 | 1028311 | 33.34% | 1.927% |
| 23 | 14.633 | 1960 | 1965 | 1972 | rVB | 66932 | 108599 | 3.52% | 0.203% |
| 24 | 14.762 | 1980 | 1987 | 1998 | rBV | 261646 | 472369 | 15.32% | 0.885% |
| 25 | 14.968 | 2017 | 2022 | 2029 | rVB | 87368 | 149160 | 4.84% | 0.280% |
| 26 | 15.561 | 2115 | 2123 | 2128 | rBV | 1157977 | 1740060 | 56.42% | 3.261% |
| 27 | 15.614 | 2128 | 2132 | 2137 | rVB2 | 92441 | 130014 | 4.22% | 0.244% |
| 28 | 15.673 | 2137 | 2142 | 2151 | rBV | 305663 | 450136 | 14.59% | 0.843% |
| 29 | 15.908 | 2177 | 2182 | 2190 | rVB | 56252 | 90027 | 2.92% | 0.169% |
| 30 | 16.055 | 2201 | 2207 | 2215 | rVB | 65713 | 133933 | 4.34% | 0.251% |
| 31 | 16.143 | 2215 | 2222 | 2228 | rVB5 | 16232 | 38395 | 1.24% | 0.072% |
| 32 | 16.290 | 2237 | 2247 | 2252 | rBV9 | 23495 | 48718 | 1.58% | 0.091% |
| 33 | 16.589 | 2287 | 2298 | 2300 | rBV4 | 22146 | 45308 | 1.47% | 0.085% |
| 34 | 16.619 | 2300 | 2303 | 2308 | rVB4 | 40699 | 64154 | 2.08% | 0.120% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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 | 16.848 | 2334 | 2342 | 2346 | rBV3 | 38071 | 79278 | 2.57% | 0.149% |
| 36 | 16.960 | 2356 | 2361 | 2369 | rVB | 138726 | 232148 | 7.53% | 0.435% |
| 37 | 17.042 | 2369 | 2375 | 2383 | rBV4 | 41762 | 111493 | 3.61% | 0.209% |
| 38 | 17.124 | 2385 | 2389 | 2400 | rVB | 66491 | 119486 | 3.87% | 0.224% |
| 39 | 17.306 | 2410 | 2420 | 2424 | rBV | 819984 | 1315741 | 42.66% | 2.465% |
| 40 | 17.353 | 2424 | 2428 | 2433 | rVB | 1273733 | 1787773 | 57.96% | 3.350% |
| 41 | 17.406 | 2433 | 2437 | 2442 | rBV | 1193488 | 1805192 | 58.53% | 3.383% |
| 42 | 17.500 | 2448 | 2453 | 2459 | rVB3 | 42949 | 64614 | 2.09% | 0.121% |
| 43 | 17.623 | 2471 | 2474 | 2479 | rVB2 | 28025 | 36480 | 1.18% | 0.068% |
| 44 | 17.706 | 2479 | 2488 | 2493 | rBV2 | 130814 | 261662 | 8.48% | 0.490% |
| 45 | 17.829 | 2505 | 2509 | 2513 | rVB2 | 41018 | 56573 | 1.83% | 0.106% |
| 46 | 17.888 | 2516 | 2519 | 2529 | rVB4 | 43823 | 68435 | 2.22% | 0.128% |
| 47 | 18.105 | 2552 | 2556 | 2559 | rBV2 | 29136 | 38754 | 1.26% | 0.073% |
| 48 | 18.188 | 2560 | 2570 | 2572 | rBV | 229207 | 369045 | 11.97% | 0.692% |
| 49 | 18.235 | 2572 | 2578 | 2583 | rVV | 320618 | 612793 | 19.87% | 1.148% |
| 50 | 18.311 | 2587 | 2591 | 2597 | rVB | 68298 | 102069 | 3.31% | 0.191% |
| 51 | 18.376 | 2597 | 2602 | 2606 | rBV2 | 245206 | 463805 | 15.04% | 0.869% |
| 52 | 18.417 | 2606 | 2609 | 2614 | rVB | 165151 | 223537 | 7.25% | 0.419% |
| 53 | 18.681 | 2649 | 2654 | 2657 | rBV | 207274 | 293995 | 9.53% | 0.551% |
| 54 | 18.716 | 2657 | 2660 | 2666 | rVB | 243195 | 352670 | 11.43% | 0.661% |
| 55 | 18.928 | 2688 | 2696 | 2700 | rBV4 | 68093 | 121011 | 3.92% | 0.227% |
| 56 | 18.981 | 2702 | 2705 | 2708 | rVV | 54756 | 68347 | 2.22% | 0.128% |
| 57 | 19.016 | 2708 | 2711 | 2716 | rVB2 | 62247 | 81754 | 2.65% | 0.153% |
| 58 | 19.098 | 2720 | 2725 | 2729 | rBV | 173994 | 270502 | 8.77% | 0.507% |
| 59 | 19.157 | 2730 | 2735 | 2738 | rVV3 | 70951 | 150264 | 4.87% | 0.282% |
| 60 | 19.192 | 2739 | 2741 | 2745 | rVV | 63225 | 74506 | 2.42% | 0.140% |
| 61 | 19.233 | 2745 | 2748 | 2756 | rVB | 176044 | 288877 | 9.37% | 0.541% |
| 62 | 19.363 | 2764 | 2770 | 2776 | rVB | 1965249 | 2785557 | 90.31% | 5.220% |
| 63 | 19.421 | 2777 | 2780 | 2783 | rBV | 39848 | 55562 | 1.80% | 0.104% |
| 64 | 19.457 | 2783 | 2786 | 2791 | rVV4 | 44273 | 66166 | 2.15% | 0.124% |
| 65 | 19.509 | 2791 | 2795 | 2798 | rVB | 76774 | 91755 | 2.97% | 0.172% |
| 66 | 19.557 | 2798 | 2803 | 2807 | rBV3 | 76586 | 126496 | 4.10% | 0.237% |
| 67 | 19.692 | 2821 | 2826 | 2829 | rBV3 | 1784076 | 2875523 | 93.23% | 5.388% |
| 68 | 19.721 | 2829 | 2831 | 2839 | rVV | 1826127 | 2370210 | 76.85% | 4.441% |
| 69 | 19.792 | 2839 | 2843 | 2850 | rVB3 | 111419 | 193655 | 6.28% | 0.363% |
| 70 | 19.897 | 2857 | 2861 | 2863 | rBV | 118140 | 162127 | 5.26% | 0.304% |
| 71 | 19.921 | 2863 | 2865 | 2868 | rVV | 177123 | 194725 | 6.31% | 0.365% |

LSC Area Percent Report

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Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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 | 19.956 | 2868 | 2871 | 2877 | rVB2 | 112196 | 168668 | 5.47% | 0.316% |
| 73 | 20.056 | 2880 | 2888 | 2893 | rBV2 | 177437 | 467090 | 15.14% | 0.875% |
| 74 | 20.179 | 2905 | 2909 | 2911 | rBV3 | 111948 | 175721 | 5.70% | 0.329% |
| 75 | 20.215 | 2911 | 2915 | 2919 | rVB2 | 242510 | 357460 | 11.59% | 0.670% |
| 76 | 20.314 | 2928 | 2932 | 2936 | rBV | 114950 | 167362 | 5.43% | 0.314% |
| 77 | 20.373 | 2936 | 2942 | 2946 | rVB2 | 233528 | 399502 | 12.95% | 0.749% |
| 78 | 20.450 | 2953 | 2955 | 2961 | rVB3 | 46907 | 72297 | 2.34% | 0.135% |
| 79 | 20.514 | 2962 | 2966 | 2969 | rVV | 142184 | 184252 | 5.97% | 0.345% |
| 80 | 20.555 | 2969 | 2973 | 2977 | rVB2 | 130884 | 185197 | 6.00% | 0.347% |
| 81 | 20.967 | 3039 | 3043 | 3050 | rVB | 278590 | 406999 | 13.20% | 0.763% |
| 82 | 21.149 | 3067 | 3074 | 3077 | rBV2 | 146961 | 349367 | 11.33% | 0.655% |
| 83 | 21.190 | 3077 | 3081 | 3083 | rVV | 199260 | 288460 | 9.35% | 0.541% |
| 84 | 21.225 | 3083 | 3087 | 3094 | rVV3 | 535916 | 1010004 | 32.75% | 1.893% |
| 85 | 21.290 | 3094 | 3098 | 3108 | rVB | 251592 | 429419 | 13.92% | 0.805% |
| 86 | 21.548 | 3135 | 3142 | 3147 | rBV3 | 1228647 | 3084316 | 100.00% | 5.779% |
| 87 | 21.601 | 3147 | 3151 | 3163 | rVB | 979818 | 1678542 | 54.42% | 3.145% |
| 88 | 21.948 | 3206 | 3210 | 3217 | rBV3 | 94892 | 192354 | 6.24% | 0.360% |
| 89 | 22.265 | 3261 | 3264 | 3270 | rVB | 191921 | 321327 | 10.42% | 0.602% |
| 90 | 22.341 | 3272 | 3277 | 3278 | rBV2 | 131890 | 194849 | 6.32% | 0.365% |
| 91 | 22.529 | 3305 | 3309 | 3313 | rBV2 | 75713 | 134566 | 4.36% | 0.252% |
| 92 | 23.687 | 3497 | 3506 | 3512 | rBV | 657313 | 2025218 | 65.66% | 3.795% |
| 93 | 23.804 | 3522 | 3526 | 3530 | rBV2 | 74561 | 129308 | 4.19% | 0.242% |
| 94 | 23.857 | 3532 | 3535 | 3541 | rVB2 | 104032 | 170027 | 5.51% | 0.319% |
| 95 | 24.374 | 3617 | 3623 | 3629 | rBV | 312457 | 756104 | 24.51% | 1.417% |
| 96 | 24.451 | 3629 | 3636 | 3642 | rVV | 834137 | 2093289 | 67.87% | 3.922% |
| 97 | 24.521 | 3643 | 3648 | 3660 | rVB | 573611 | 1386783 | 44.96% | 2.599% |
| 98 | 24.662 | 3664 | 3672 | 3679 | rBV2 | 490343 | 1352922 | 43.86% | 2.535% |
| 99 | 28.170 | 4260 | 4269 | 4291 | rVB3 | 282220 | 1391706 | 45.12% | 2.608% |
| 100 | 29.263 | 4447 | 4455 | 4467 | rVB3 | 188789 | 774497 | 25.11% | 1.451% |

Sum of corrected areas: 53366489

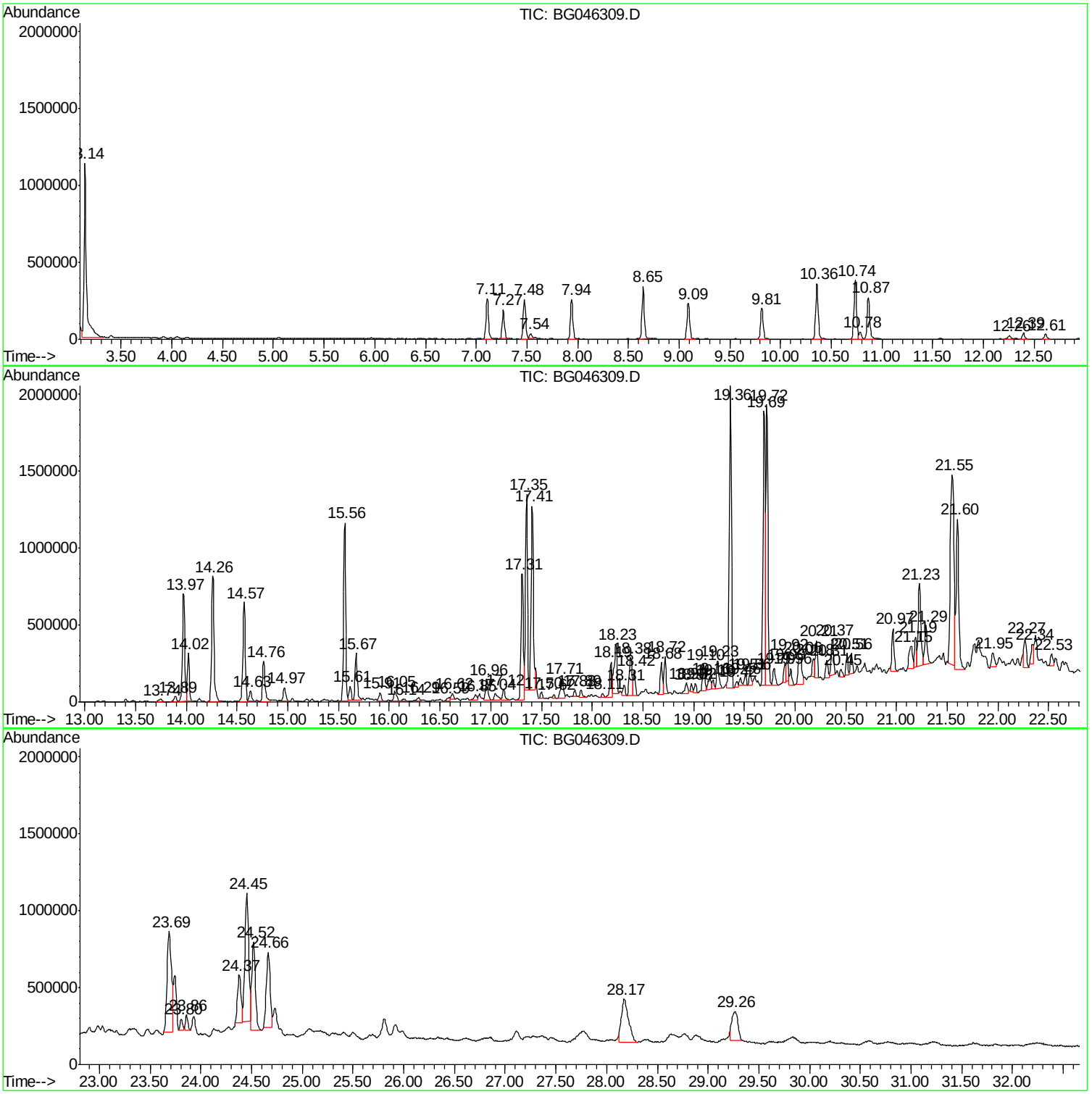
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

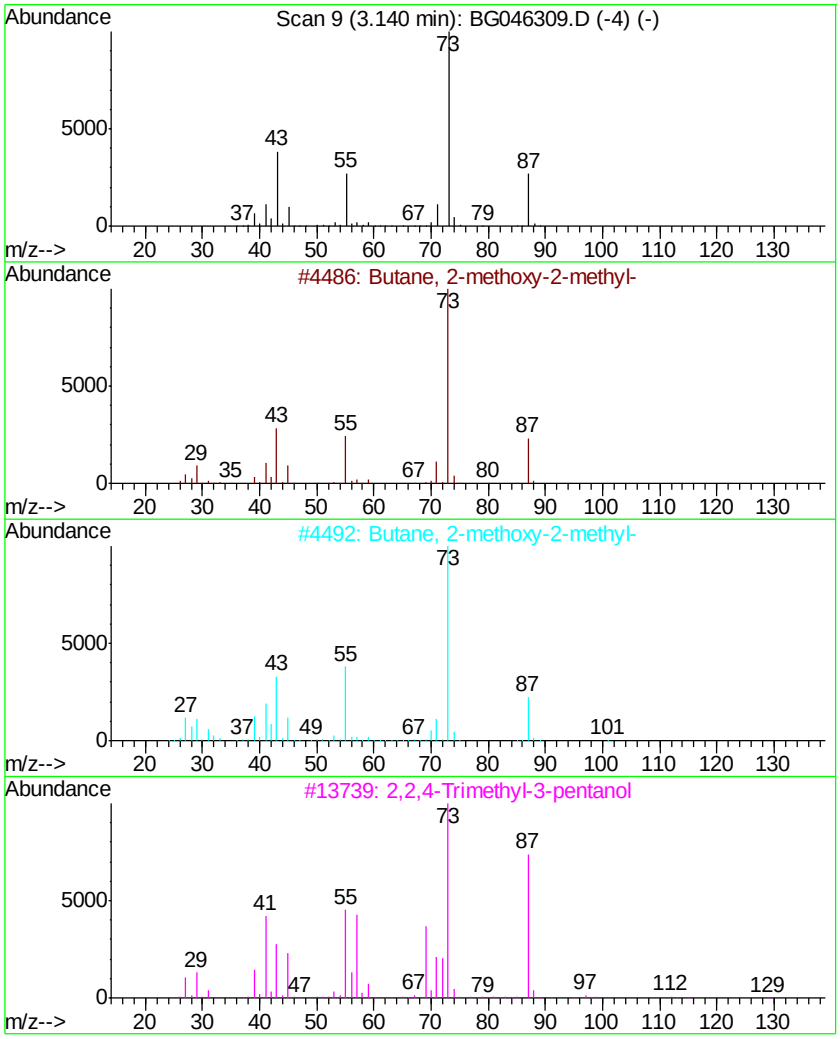
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

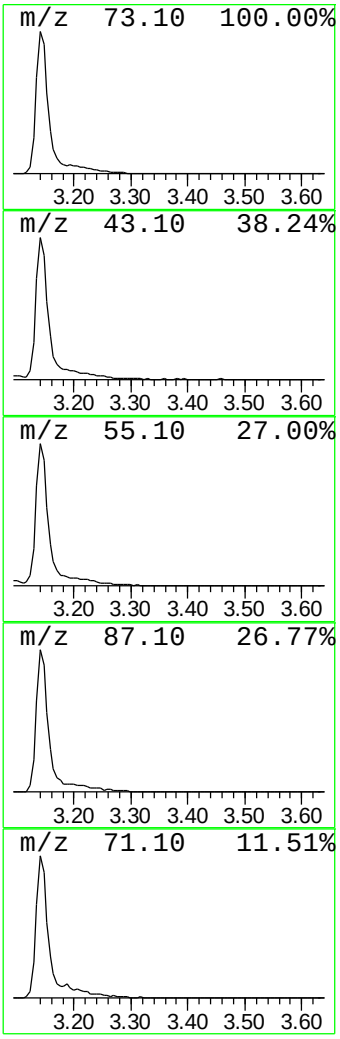
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.14 | 90.30 ng/ul | 1952650 | 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 | 72 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 38 |
| 4 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 38 |
| 5 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 35 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

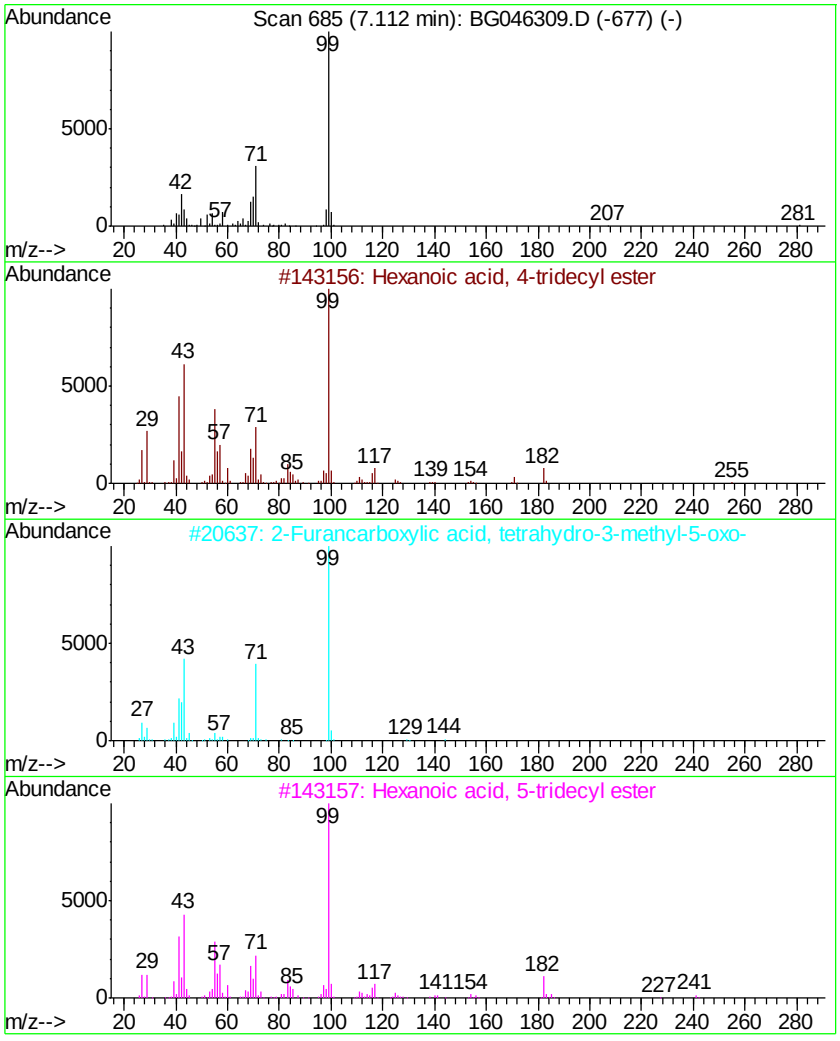
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

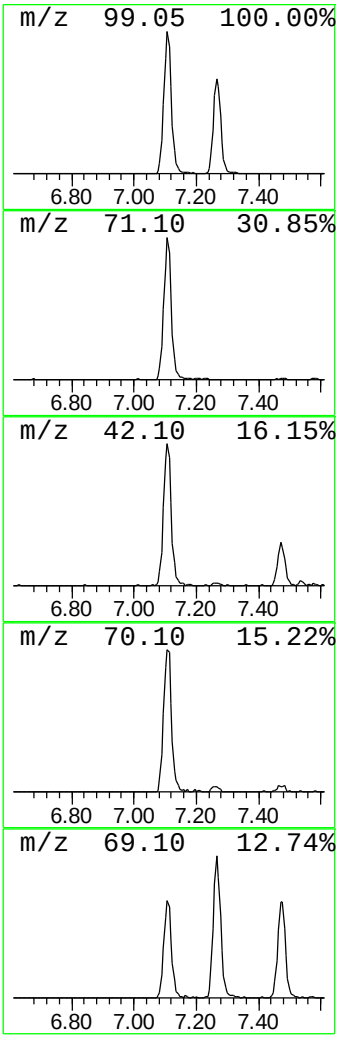
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Hexanoic acid, 4-tridecyl e... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.11 | 21.43 ng/ul | 463328 | 1,4-Dichlorobenzene-d4 | 7.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 4-tridecyl ester | 298 | C19H38O2 | 1000279-29-3 | 64 |
| 2 | 2-Furancarboxylic acid, tetrahyd... | 144 | C6H8O4 | 022073-04-7 | 59 |
| 3 | Hexanoic acid, 5-tridecyl ester | 298 | C19H38O2 | 1000279-29-4 | 56 |
| 4 | Hexanoic acid, 3-tetradecyl ester | 312 | C20H40O2 | 1000279-29-7 | 56 |
| 5 | Hexanoic acid, 3-tridecyl ester | 298 | C19H38O2 | 1000279-29-2 | 56 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

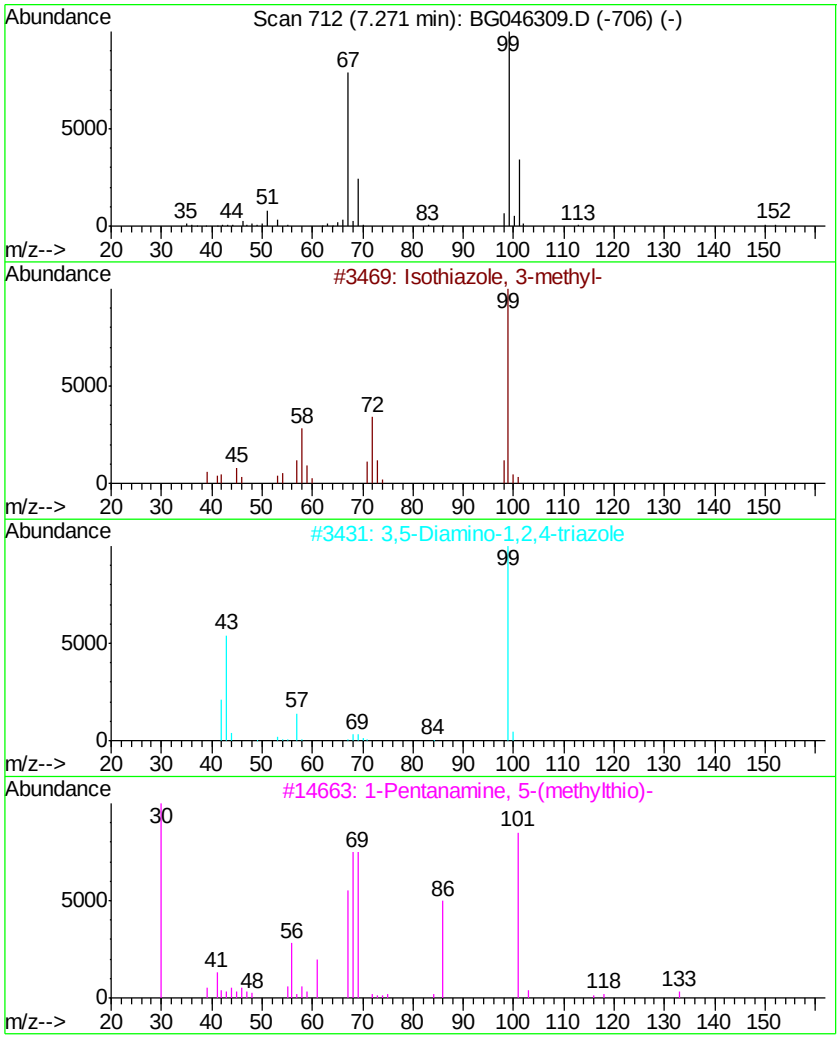
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

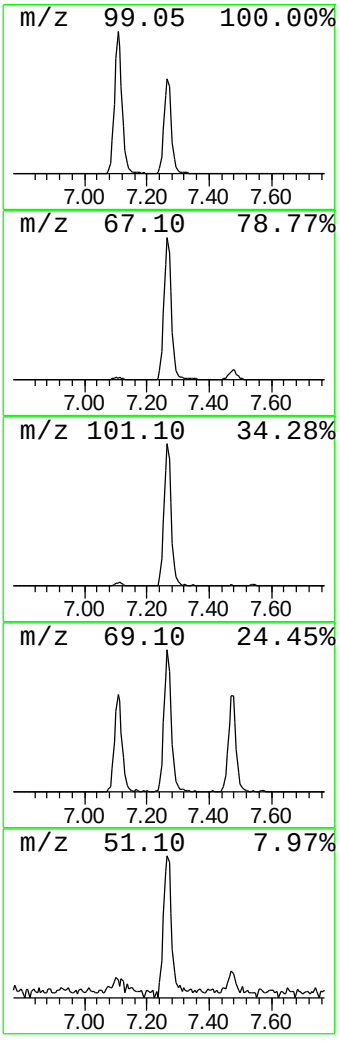
**********

Peak Number 3 unknown-01 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.27 | 14.40 ng/ul | 311344 | 1,4-Dichlorobenzene-d4 | 7.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isothiazole, 3-methyl- | 99 | C4H5NS | 000693-92-5 | 9 |
| 2 | 3,5-Diamino-1,2,4-triazole | 99 | C2H5N5 | 001455-77-2 | 9 |
| 3 | 1-Pentanamine, 5-(methylthio)- | 133 | C6H15NS | 055021-78-8 | 9 |
| 4 | Isothiazole, 3-methyl- | 99 | C4H5NS | 000693-92-5 | 7 |
| 5 | Succinimide | 99 | C4H5NO2 | 000123-56-8 | 5 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

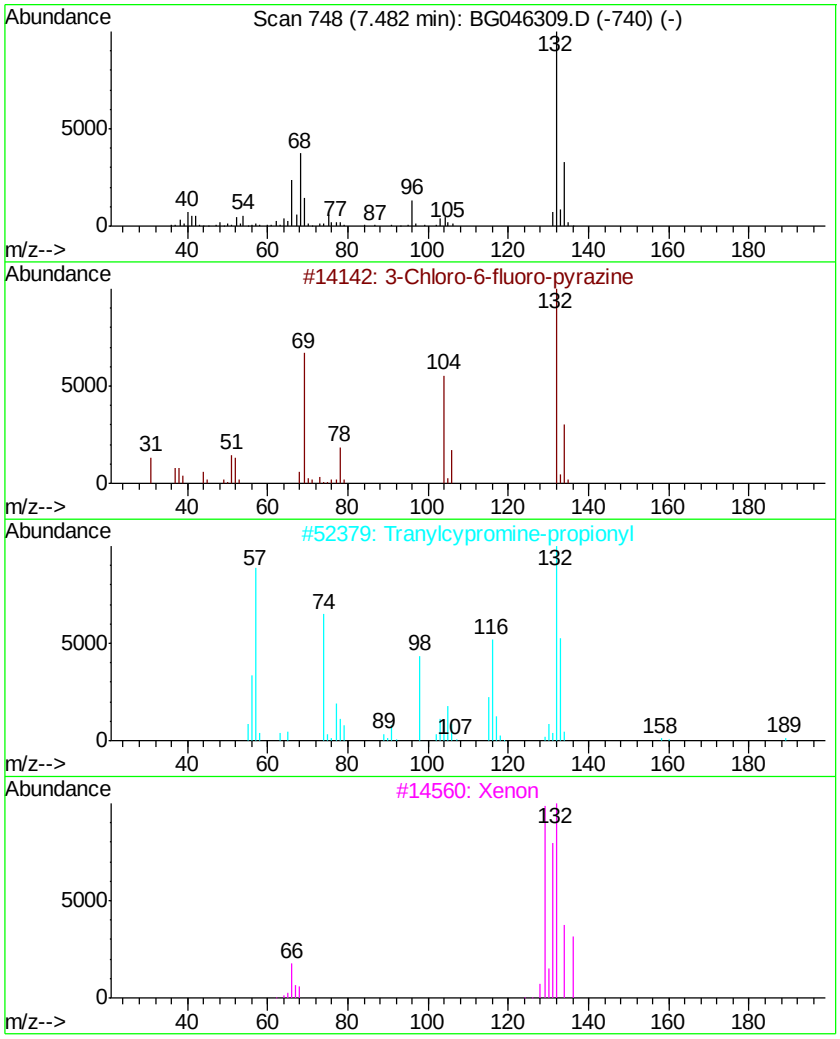
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

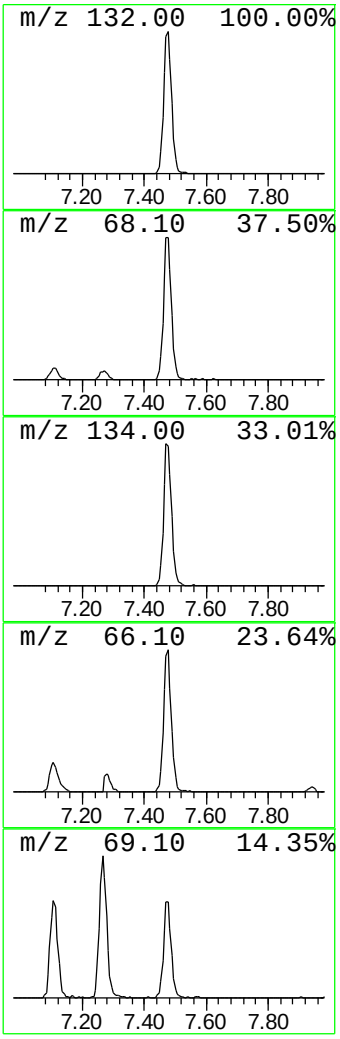
**********

Peak Number 4 unknown-02 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.48 | 20.79 ng/ul | 449539 | 1,4-Dichlorobenzene-d4 | 7.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 16 |
| 2 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 12 |
| 3 | Xenon | 132 | Xe | 007440-63-3 | 9 |
| 4 | 1-Methylpyrrolo[1,2-a]pyrazine | 132 | C8H8N2 | 064608-59-9 | 9 |
| 5 | 3H-1,2-Dithiol-3-one, 5-methyl- | 132 | C4H4OS2 | 003620-08-4 | 9 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

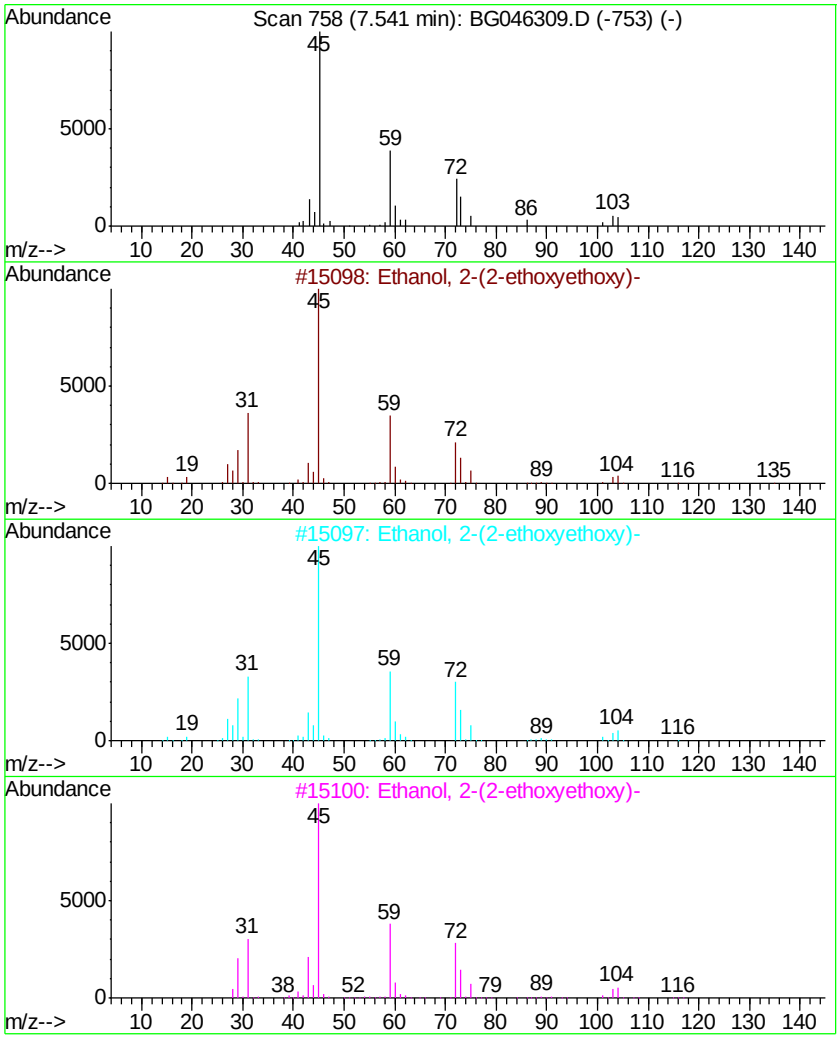
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

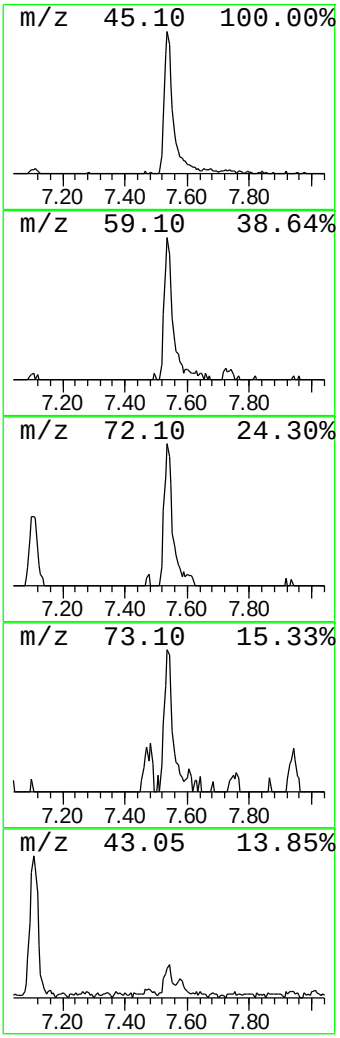
**********

Peak Number 5 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.54 | 2.29 ng/ul | 49598 | 1,4-Dichlorobenzene-d4 | 7.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 83 |
| 2 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 78 |
| 3 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 78 |
| 4 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 53 |
| 5 | Ethanol, 2-(2-methoxyethoxy)- | 120 | C5H12O3 | 000111-77-3 | 45 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

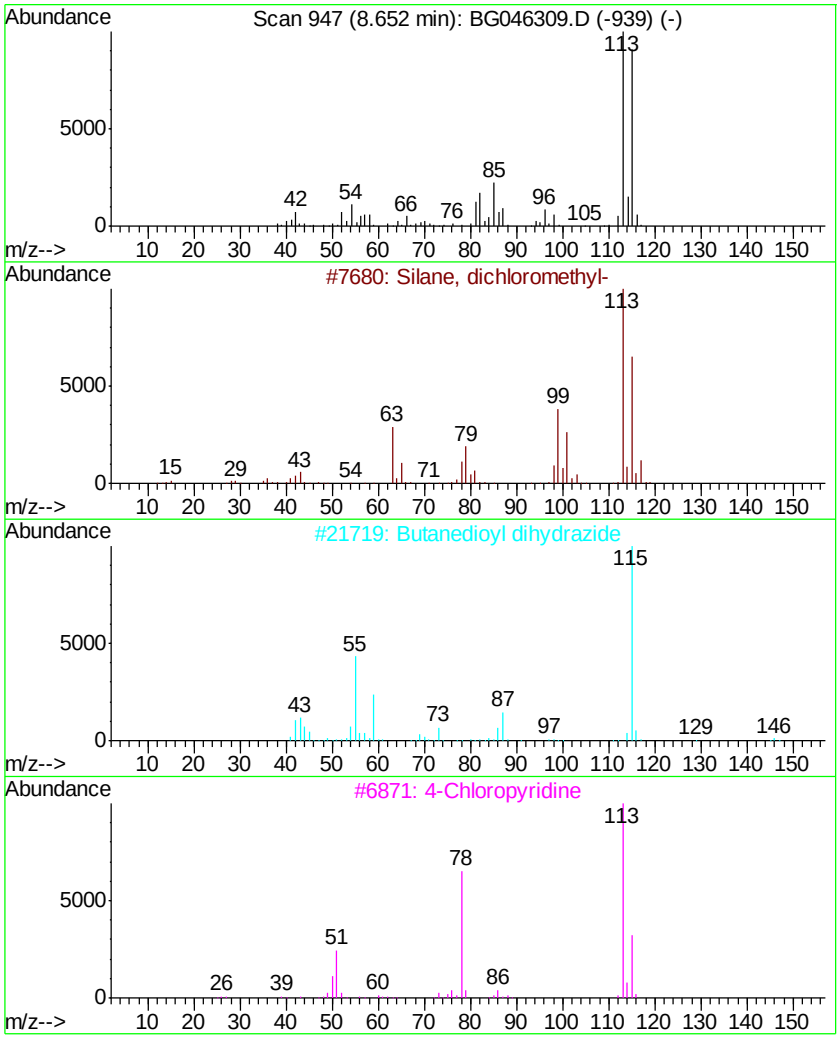
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

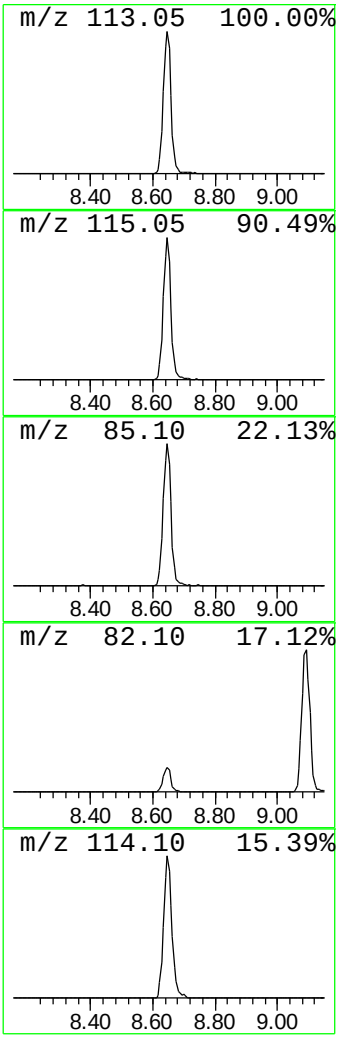
**********

Peak Number 6 unknown-03 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.65 | 26.58 ng/ul | 574783 | 1,4-Dichlorobenzene-d4 | 7.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Silane, dichloromethyl- | 114 | CH4Cl2Si | 000075-54-7 | 38 |
| 2 | Butanedioyl dihydrazide | 146 | C4H10N4O2 | 004146-43-4 | 25 |
| 3 | 4-Chloropyridine | 113 | C5H4ClN | 000626-61-9 | 23 |
| 4 | Heptanoic acid, anhydride | 242 | C14H26O3 | 000626-27-7 | 23 |
| 5 | 3,4-Methylpropylsuccinimide | 155 | C8H13NO2 | 1000248-78-0 | 17 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

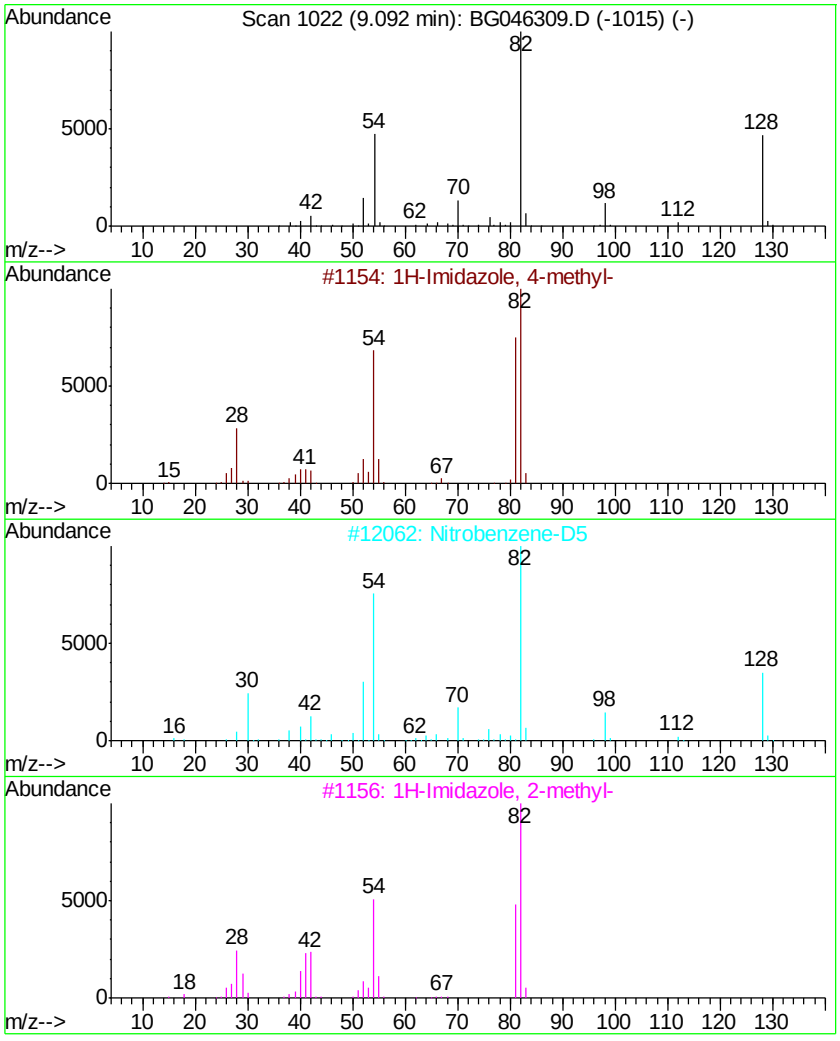
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

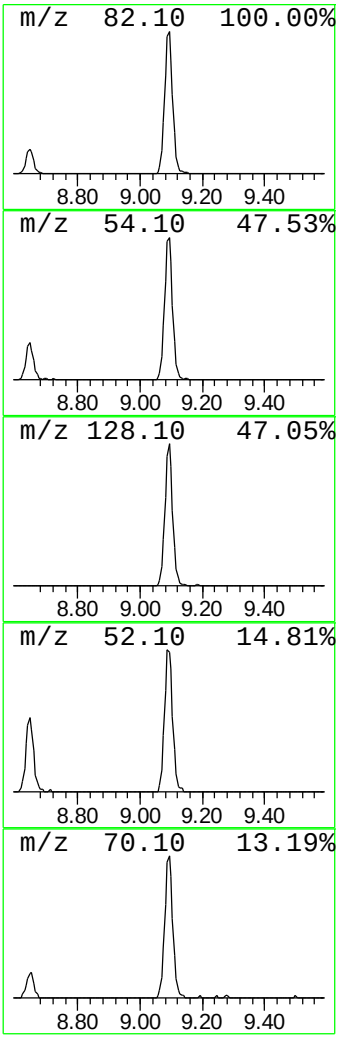
**********

Peak Number 7 1H-Imidazole, 4-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.09 | 19.12 ng/ul | 413548 | 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 | Nitrobenzene-D5 | 128 | C6D5NO2 | 004165-60-0 | 43 |
| 3 | 1H-Imidazole, 2-methyl- | 82 | C4H6N2 | 000693-98-1 | 33 |
| 4 | Nitrobenzene-D5 | 128 | C6D5NO2 | 004165-60-0 | 16 |
| 5 | 1H-Imidazole, 4-methyl- | 82 | C4H6N2 | 000822-36-6 | 9 |



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Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

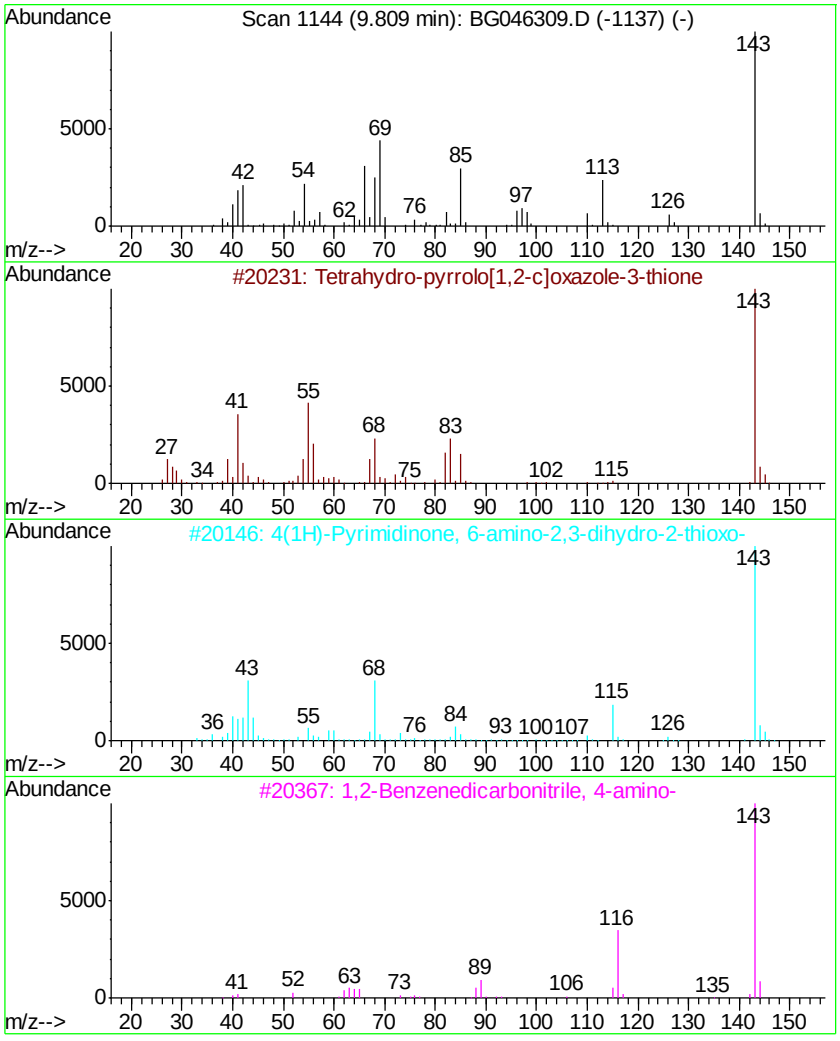
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

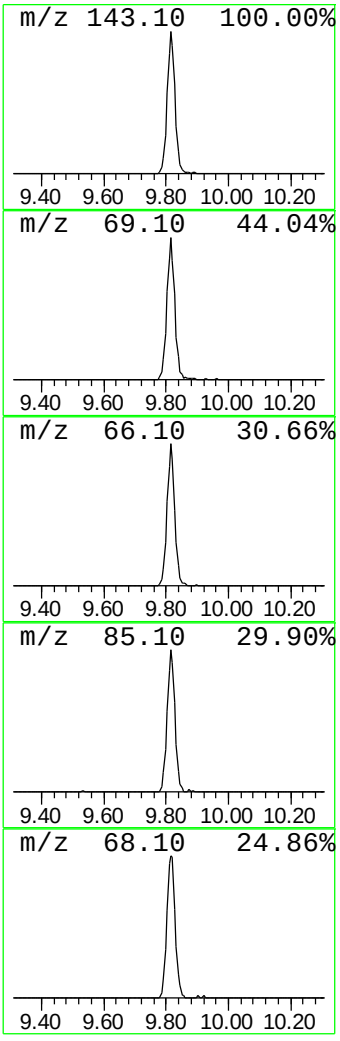
**********

Peak Number 8 unknown-04 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.81 | 10.96 ng/ul | 364562 | Naphthalene-d8 | 10.74 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetrahydro-pyrrolo[1,2-c]oxazole... | 143 | C6H9NOS | 1000190-53-6 | 17 |
| 2 | 4(1H)-Pyrimidinone, 6-amino-2,3-... | 143 | C4H5N3OS | 001004-40-6 | 12 |
| 3 | 1,2-Benzenedicarbonitrile, 4-amino- | 143 | C8H5N3 | 056765-79-8 | 10 |
| 4 | 3H-1,2,4-Triazole-3-thione,2,4-d... | 143 | C5H9N3S | 037526-42-4 | 10 |
| 5 | 6-Aza-2-thiothymine | 143 | C4H5N3OS | 000615-76-9 | 10 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

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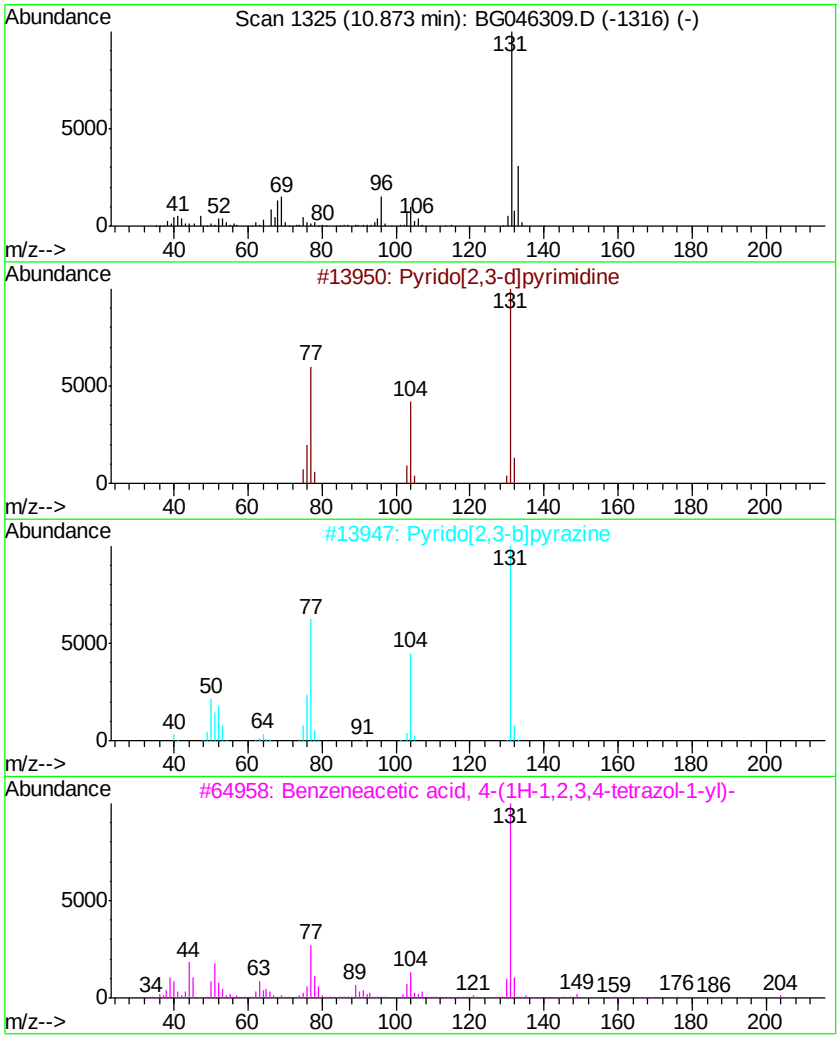
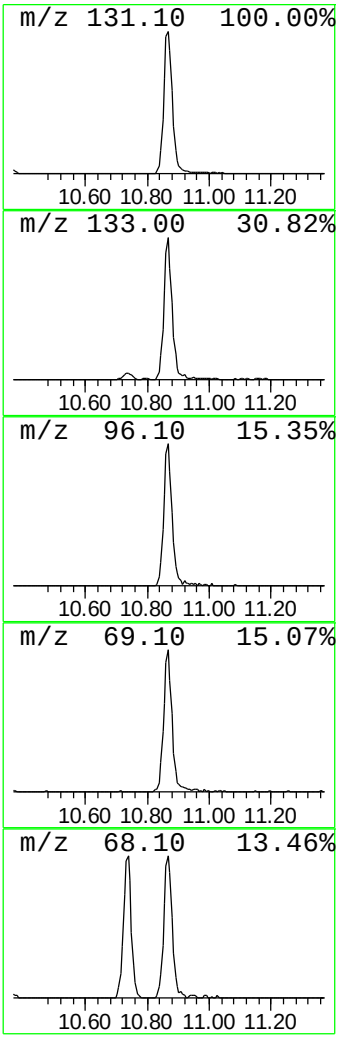
Peak Number 9 unknown-05 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.87 | 15.31 ng/ul | 509454 | Naphthalene-d8 | 10.74 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrido[2,3-d]pyrimidine | 131 | C7H5N3 | 000254-61-5 | 40 |
| 2 | Pyrido[2,3-b]pyrazine | 131 | C7H5N3 | 000322-46-3 | 38 |
| 3 | Benzeneacetic acid, 4-(1H-1,2,3,... | 204 | C9H8N4O2 | 1000351-56-5 | 33 |
| 4 | 1H-Indole, 1-methyl- | 131 | C9H9N | 000603-76-9 | 28 |
| 5 | Pyrido[2,3-b]pyrazine | 131 | C7H5N3 | 000322-46-3 | 9 |



# Library Search Compound Report

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Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

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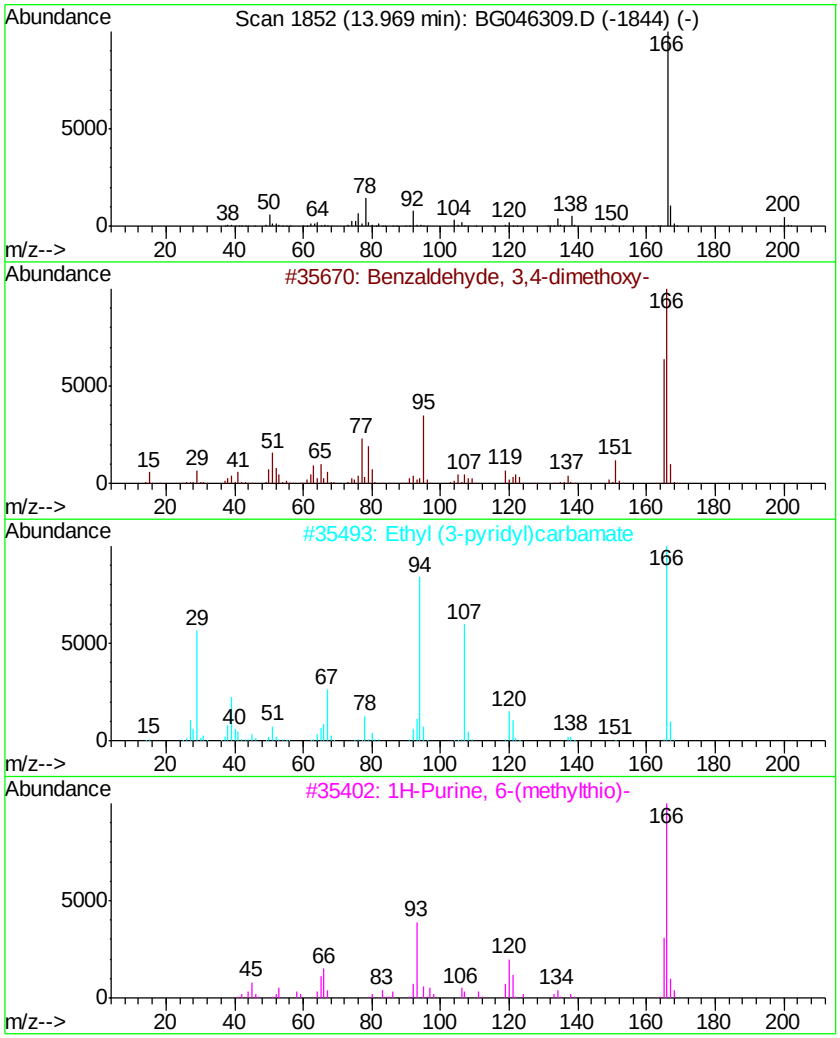
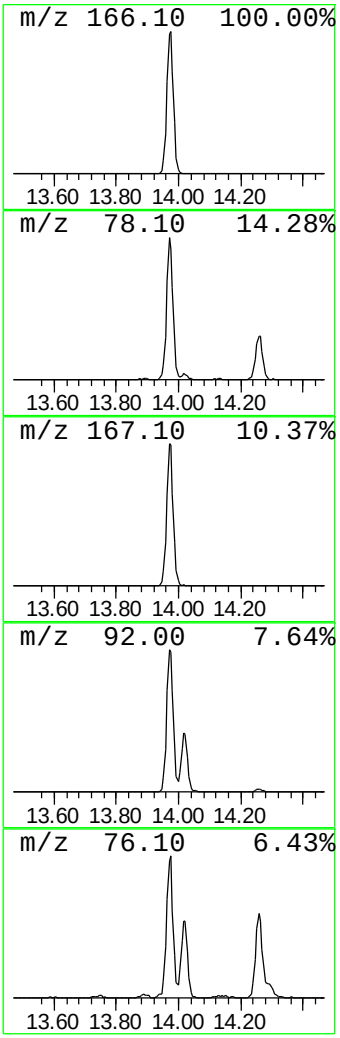
Peak Number 10 unknown-06 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.97 | 21.22 ng/ul | 1091190 | Acenaphthene-d10 | 14.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzaldehyde, 3,4-dimethoxy- | 166 | C9H10O3 | 000120-14-9 | 45 |
| 2 | Ethyl (3-pyridyl)carbamate | 166 | C8H10N2O2 | 006276-11-5 | 39 |
| 3 | 1H-Purine, 6-(methylthio)- | 166 | C6H6N4S | 000050-66-8 | 38 |
| 4 | Benzenamine, N,N-dimethyl-4-nitro- | 166 | C8H10N2O2 | 000100-23-2 | 38 |
| 5 | 3,5-Diamino-2-methylbenzoic acid | 166 | C8H10N2O2 | 090007-30-0 | 36 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

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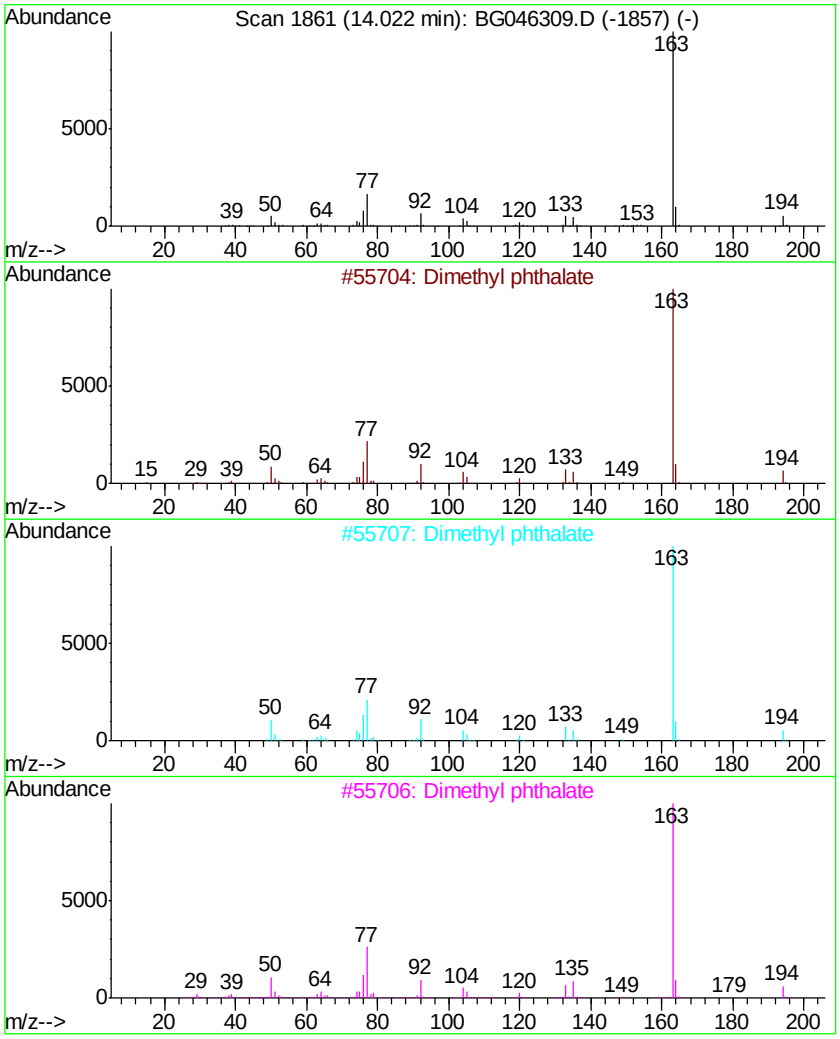
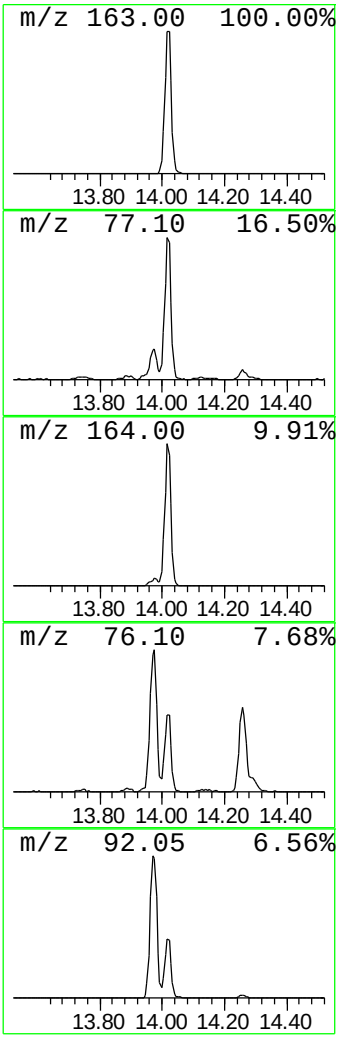
Peak Number 11 Dimethyl phthalate Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.02 | 8.63 ng/ul | 443862 | Acenaphthene-d10 | 14.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dimethyl phthalate | 194 | C10H10O4 | 000131-11-3 | 93 |
| 2 | Dimethyl phthalate | 194 | C10H10O4 | 000131-11-3 | 91 |
| 3 | Dimethyl phthalate | 194 | C10H10O4 | 000131-11-3 | 86 |
| 4 | Phthalic acid, 4-bromophenyl met... | 334 | C15H11BrO4 | 1000315-66-6 | 83 |
| 5 | Methyl 4-methylpentyl phthalate | 264 | C15H20O4 | 1000373-82-6 | 78 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

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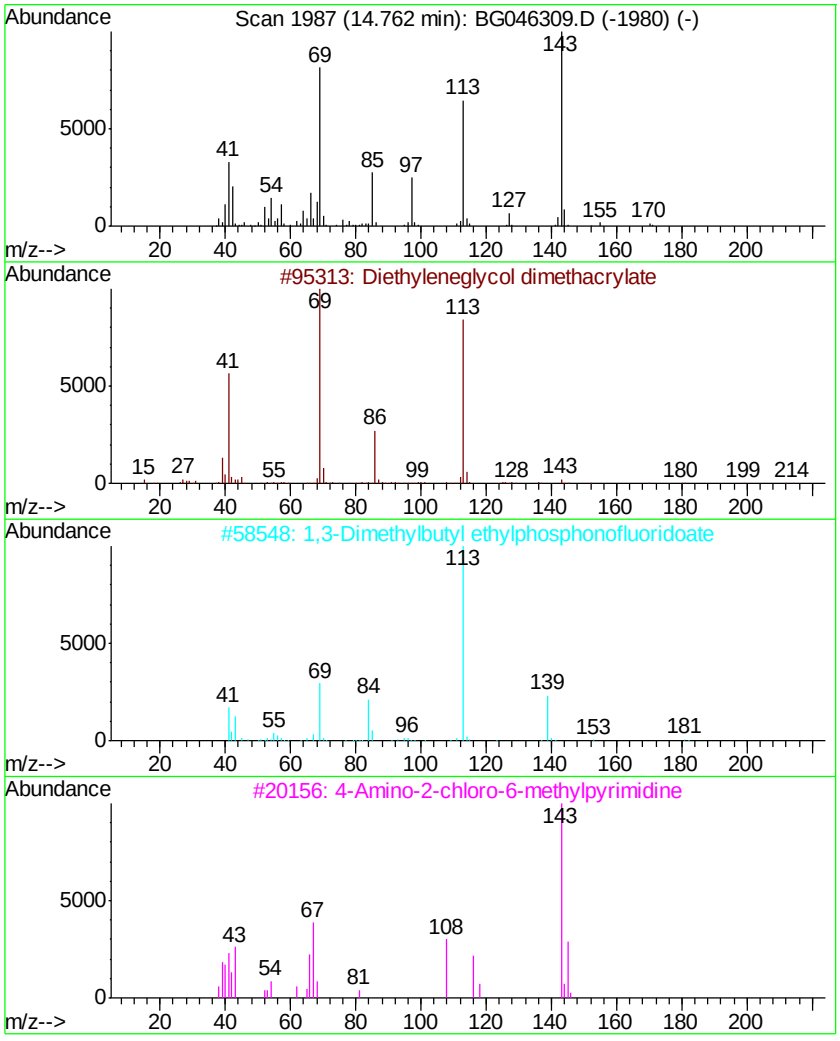
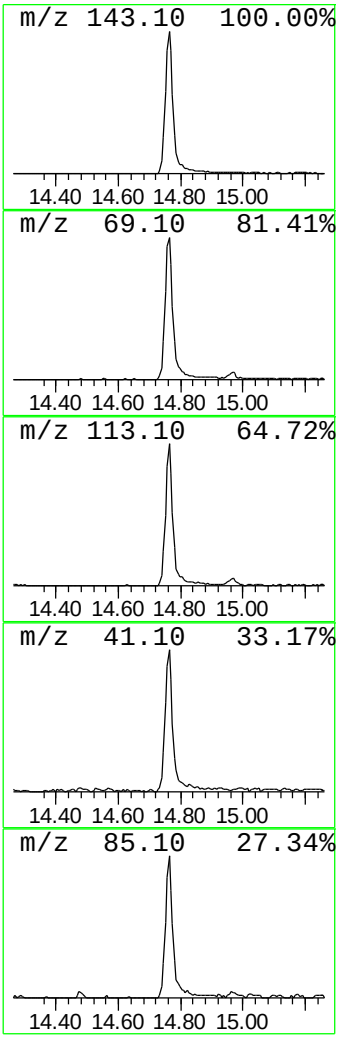
Peak Number 12 unknown-07 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.76 | 9.19 ng/ul | 472369 | Acenaphthene-d10 | 14.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diethyleneglycol dimethacrylate | 242 | C12H18O5 | 002358-84-1 | 35 |
| 2 | 1,3-Dimethylbutyl ethylphosphono... | 196 | C8H18FO2P | 1000298-32-2 | 32 |
| 3 | 4-Amino-2-chloro-6-methylpyrimidine | 143 | C5H6ClN3 | 014394-60-6 | 27 |
| 4 | N,N'-Methylenebismethacrylamide | 182 | C9H14N2O2 | 002359-15-1 | 25 |
| 5 | Glutaric acid, ethyl 4-methylhep... | 272 | C15H28O4 | 1000377-14-9 | 22 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

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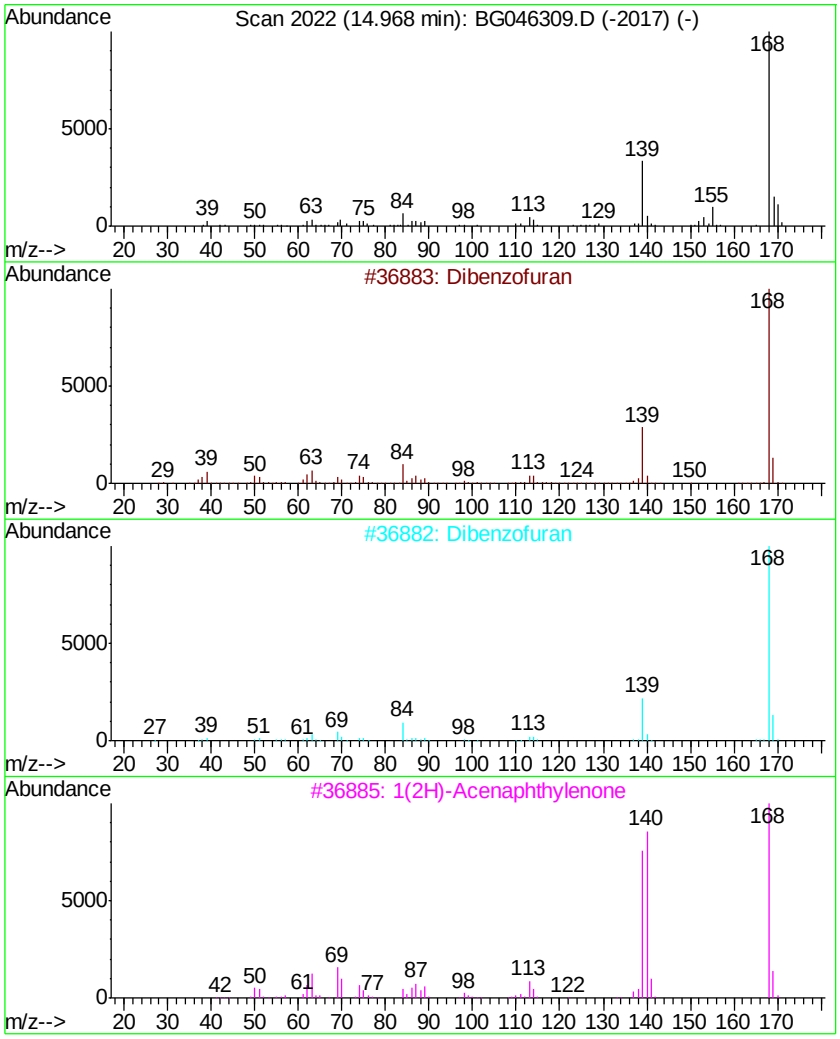
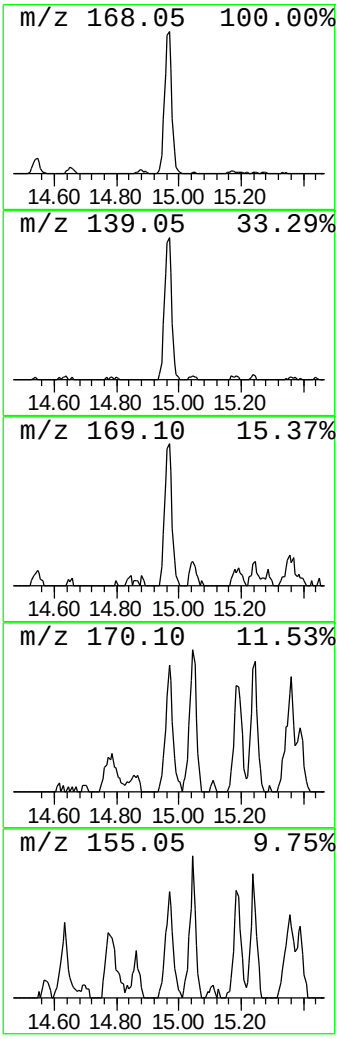
Peak Number 13 Dibenzofuran Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.97 | 2.90 ng/ul | 149160 | Acenaphthene-d10 | 14.57 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 81 |
| 2 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 74 |
| 3 | 1(2H)-Acenaphthylenone | 168 | C12H8O | 002235-15-6 | 53 |
| 4 | Quinoline-4-carbonitrile, 2-methyl- | 168 | C11H8N2 | 1000317-19-2 | 50 |
| 5 | 1-Naphthalenecarbonitrile, 8-amino- | 168 | C11H8N2 | 038515-13-8 | 50 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

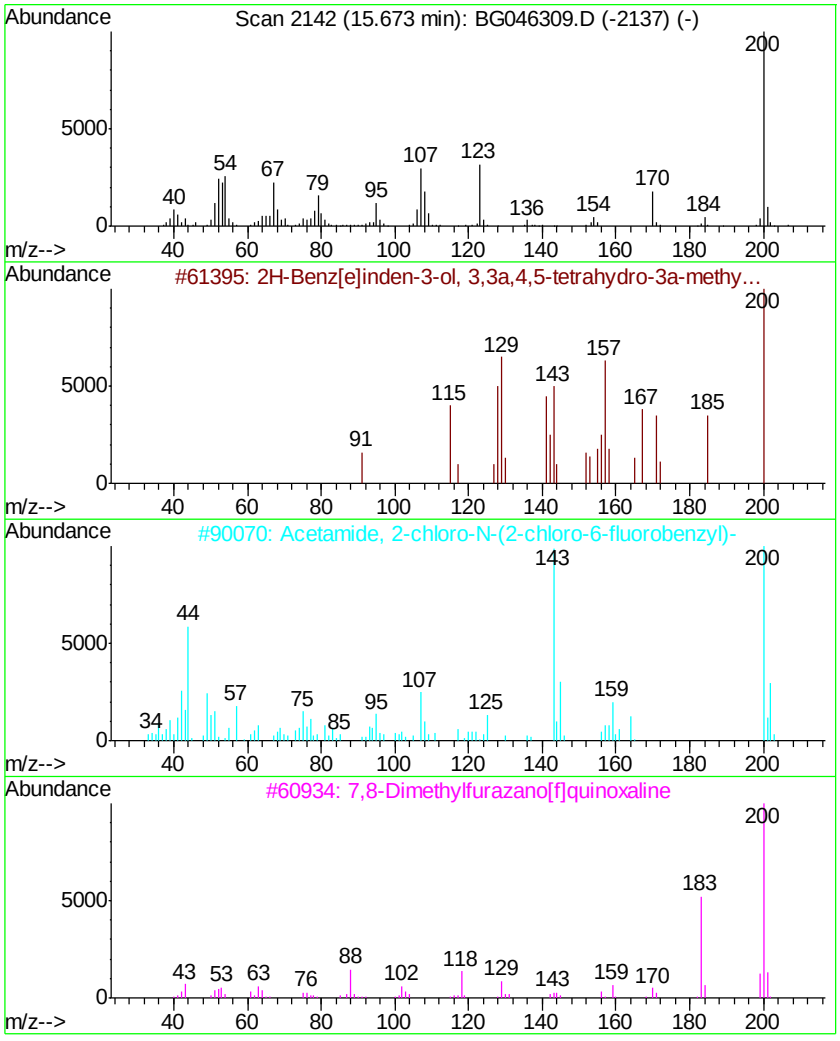
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

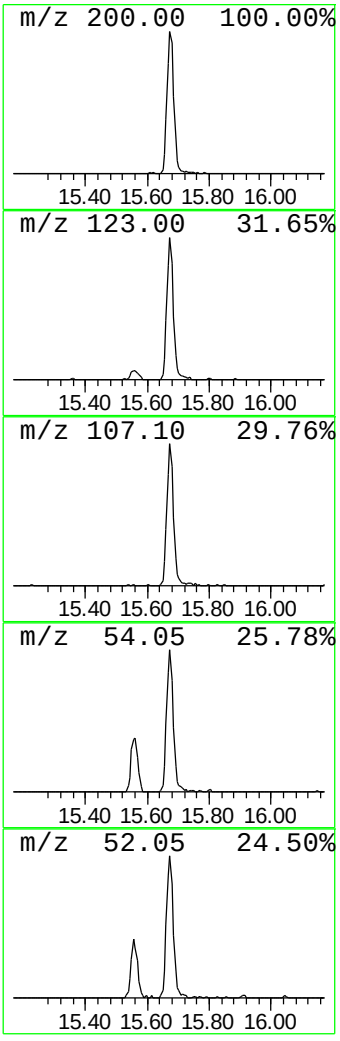
**********

Peak Number 14 unknown-08 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.67 | 8.75 ng/ul | 450136 | Acenaphthene-d10 | 14.57 |

| 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 | Acetamide, 2-chloro-N-(2-chloro-... | 235 | C9H8Cl2FNO | 1000268-05-5 | 32 |
| 3 | 7,8-Dimethylfurazano[f]quinoxaline | 200 | C10H8N4O | 1000110-74-6 | 22 |
| 4 | Benzene, 1-methoxy-4-phenoxy- | 200 | C13H12O2 | 001655-69-2 | 22 |
| 5 | Benzene, 1-methoxy-3-phenoxy- | 200 | C13H12O2 | 001655-68-1 | 22 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

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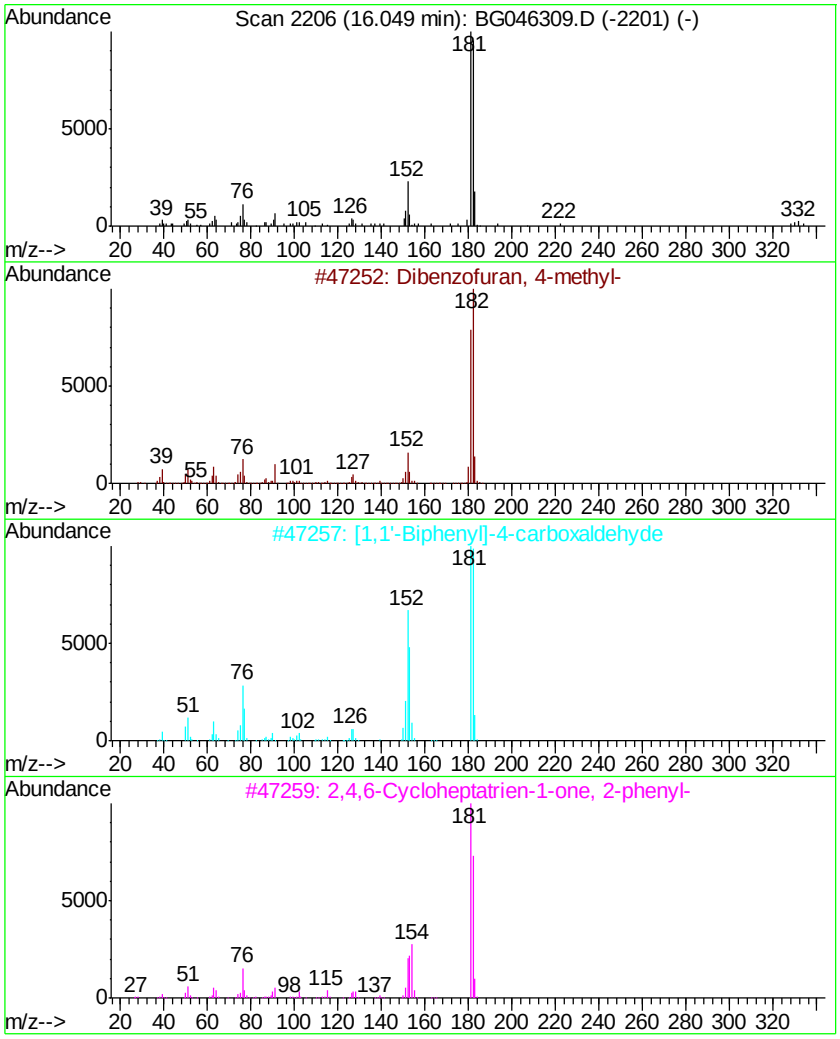
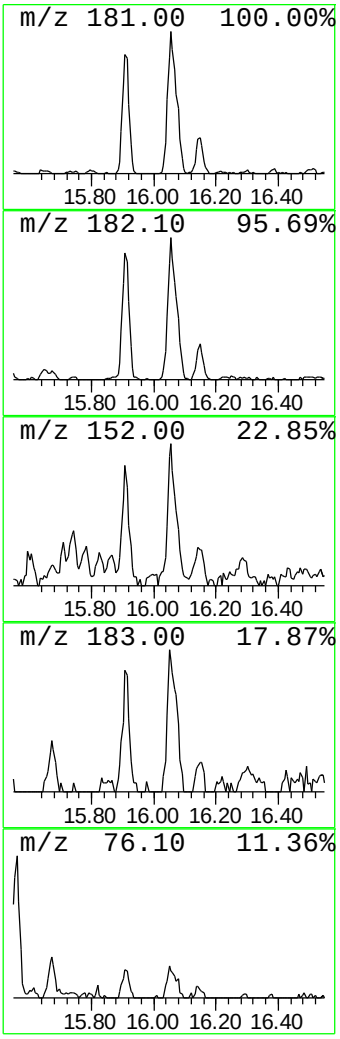
Peak Number 15 Dibenzofuran, 4-methyl- Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.05 | 2.04 ng/ul | 133933 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 91 |
| 2 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 90 |
| 3 | 2,4,6-Cycloheptatrien-1-one, 2-p... | 182 | C13H10O | 014562-09-5 | 86 |
| 4 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 80 |
| 5 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 74 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

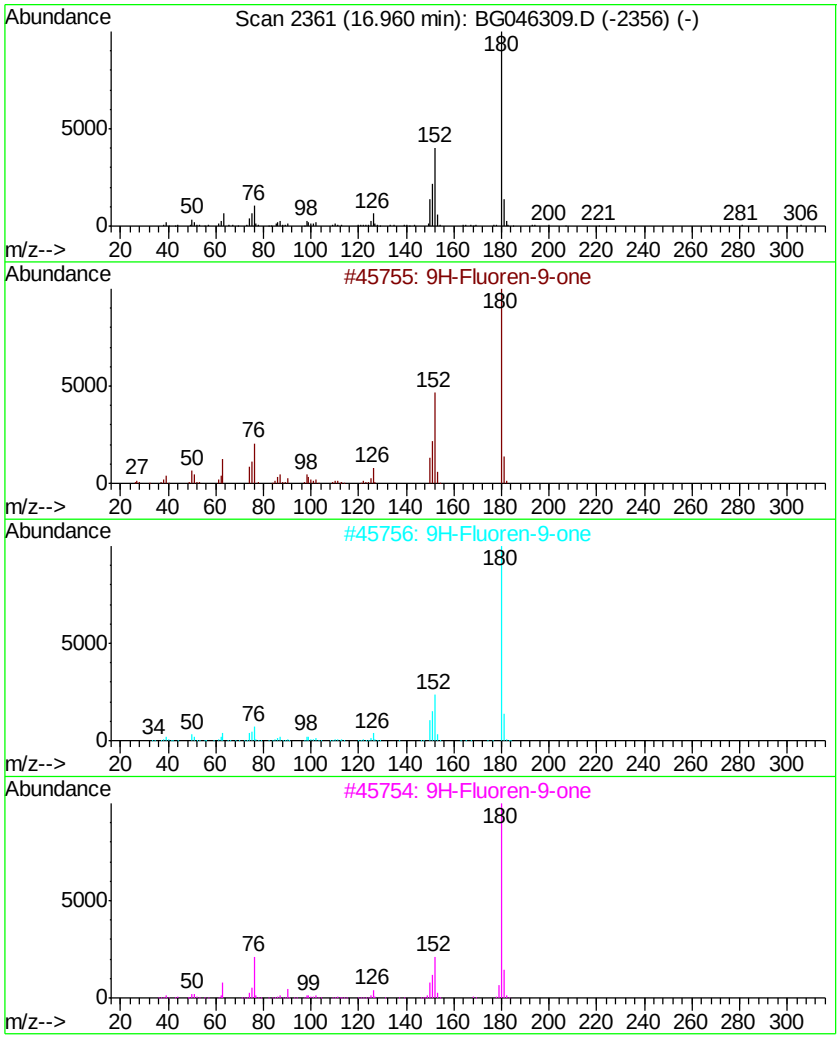
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

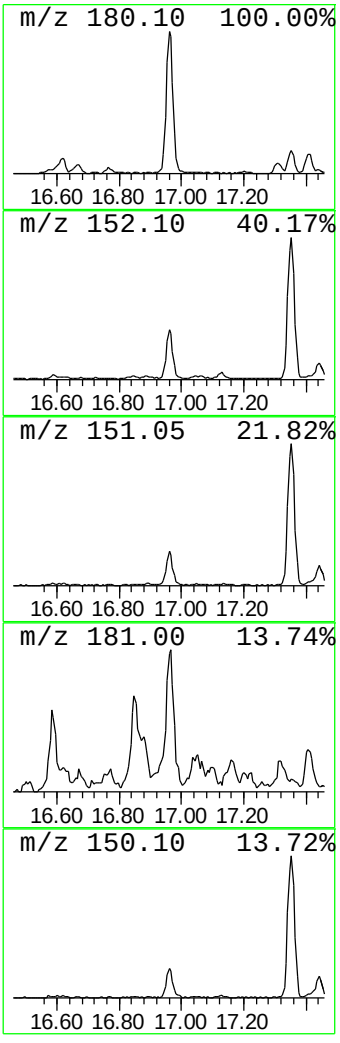
**********

Peak Number 16 9H-Fluoren-9-one Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.96 | 3.53 ng/ul | 232148 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 95 |
| 2 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 95 |
| 3 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 91 |
| 4 | Benzo[h]cinnoline | 180 | C12H8N2 | 000230-31-9 | 90 |
| 5 | 1H-Phenalen-1-one | 180 | C13H8O | 000548-39-0 | 78 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

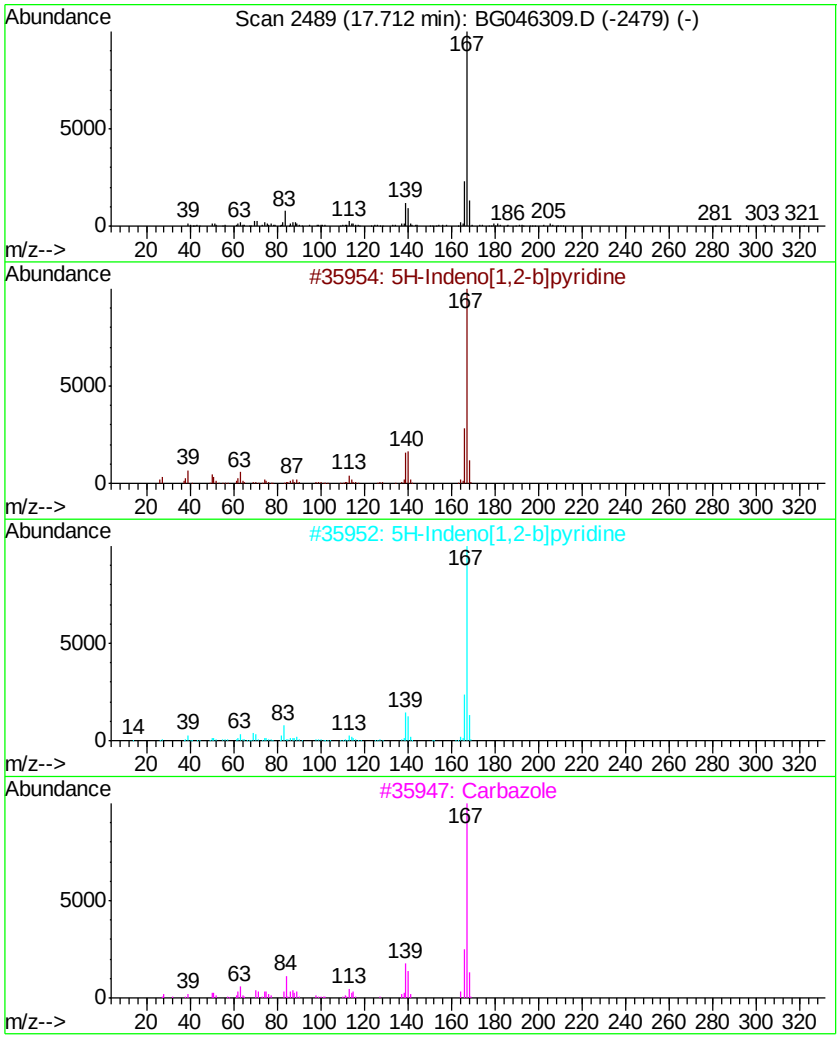
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

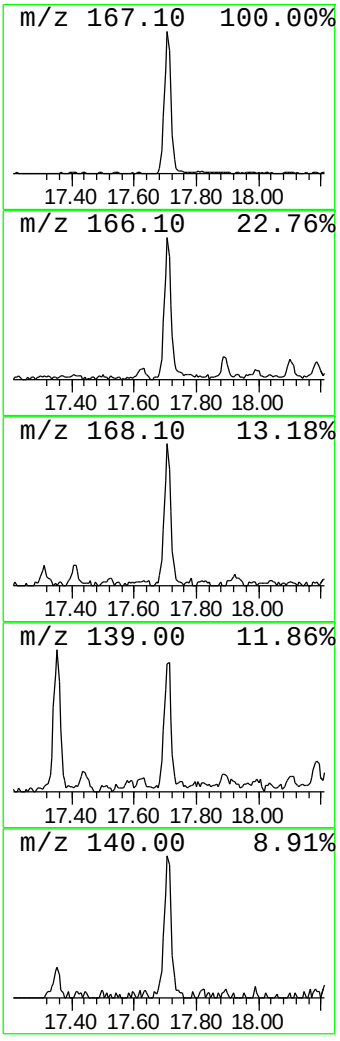
**********

Peak Number 17 5H-Indeno[1,2-b]pyridine Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.71 | 3.98 ng/ul | 261662 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5H-Indeno[1,2-b]pyridine | 167 | C12H9N | 000244-99-5 | 87 |
| 2 | 5H-Indeno[1,2-b]pyridine | 167 | C12H9N | 000244-99-5 | 87 |
| 3 | Carbazole | 167 | C12H9N | 000086-74-8 | 87 |
| 4 | Carbazole | 167 | C12H9N | 000086-74-8 | 83 |
| 5 | Carbazole | 167 | C12H9N | 000086-74-8 | 81 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

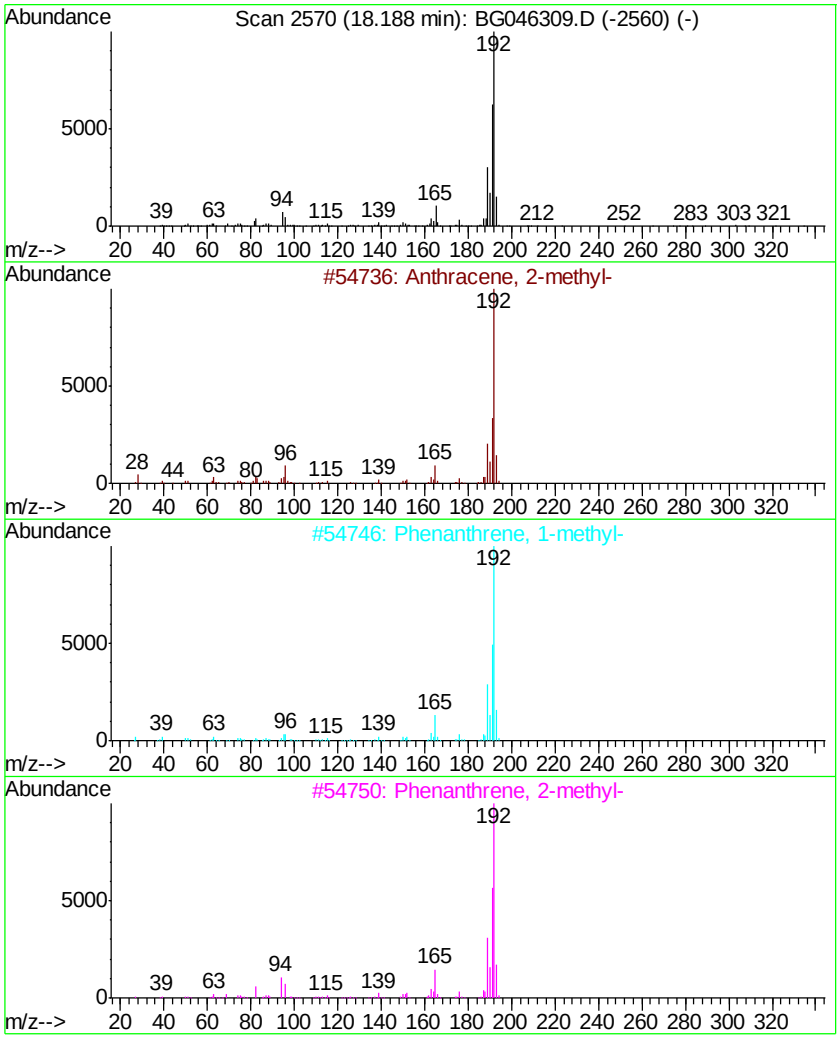
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

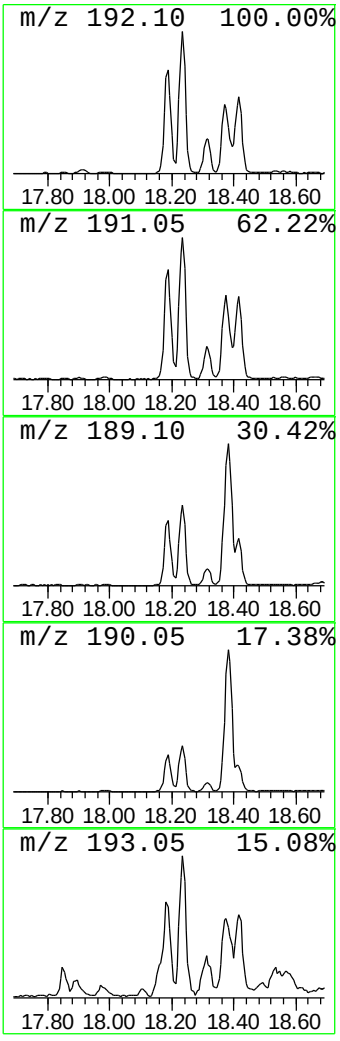
**********

Peak Number 18 Anthracene, 2-methyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.19 | 5.61 ng/ul | 369045 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 93 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 93 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 91 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 90 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

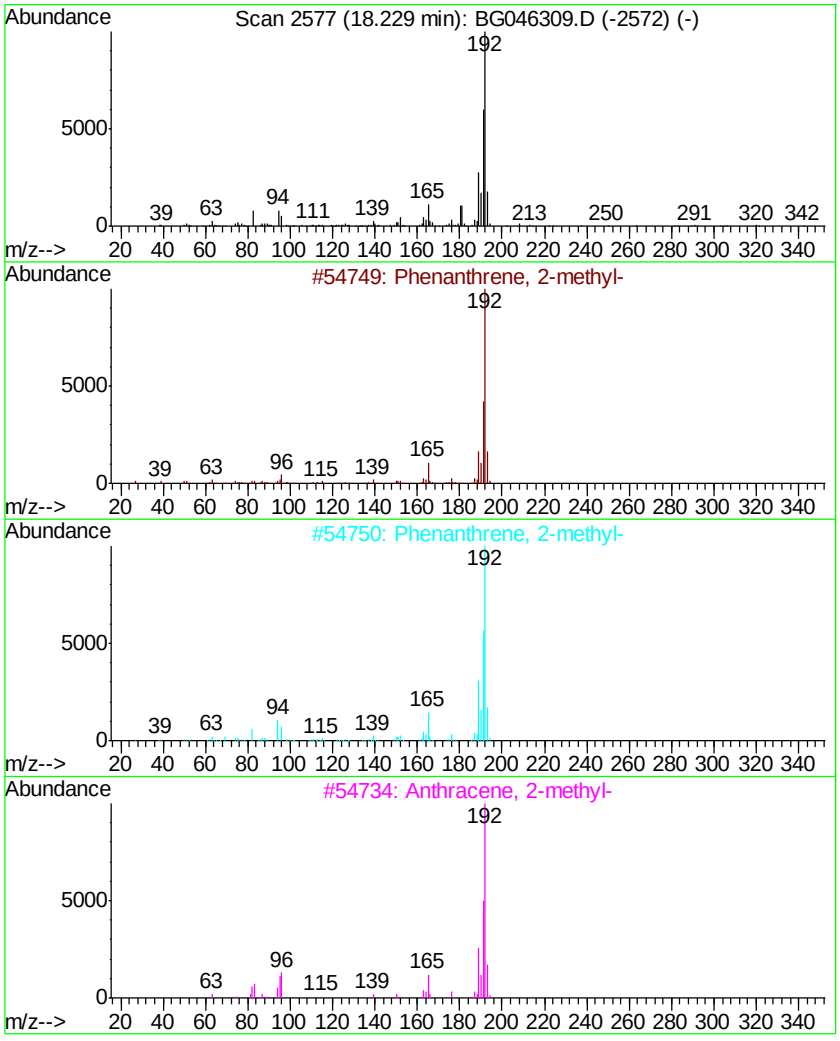
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

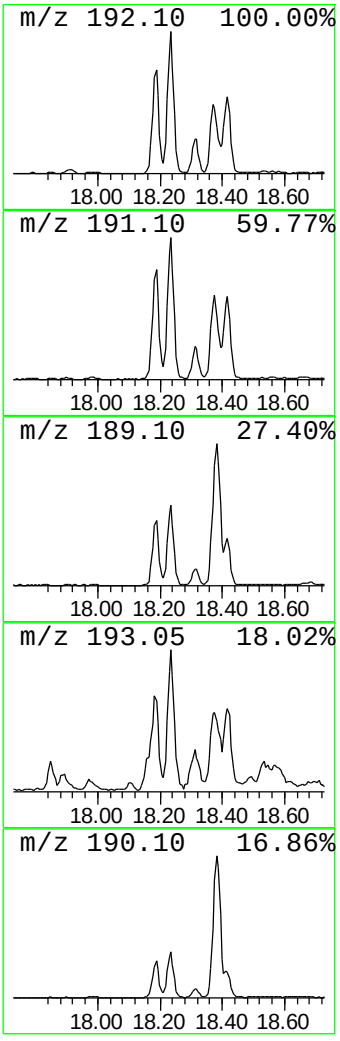
**********

Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.23 | 9.31 ng/ul | 612793 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 94 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 94 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

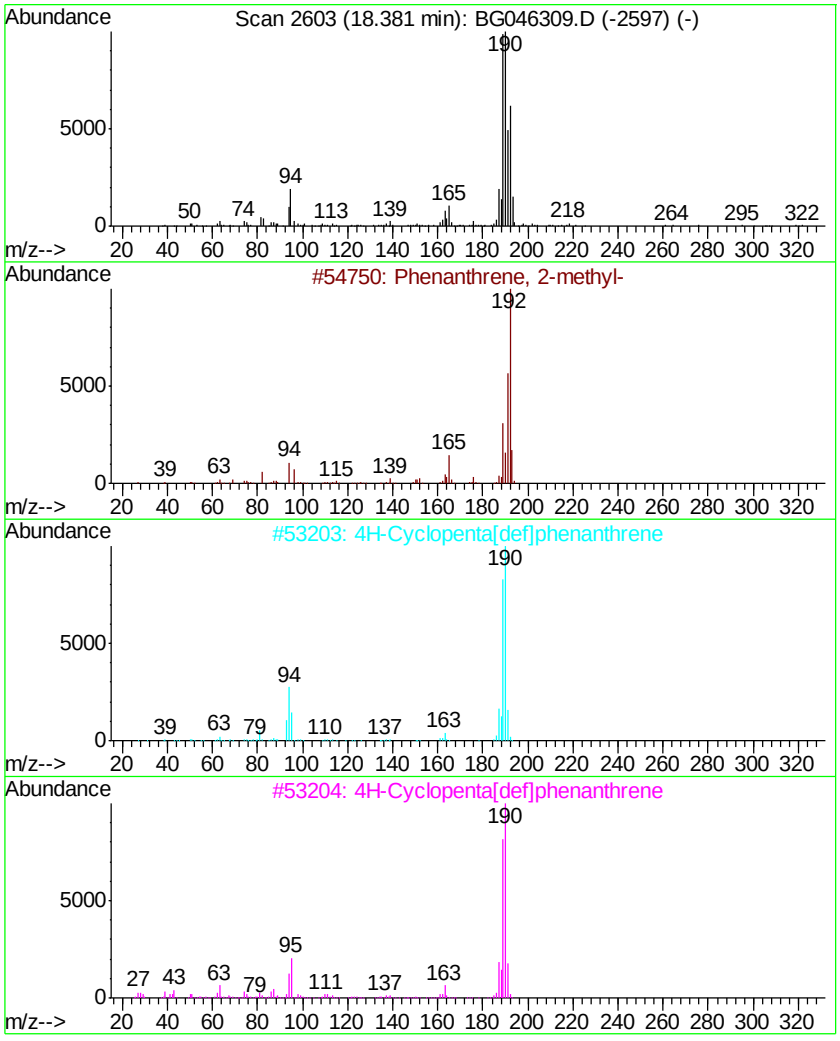
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

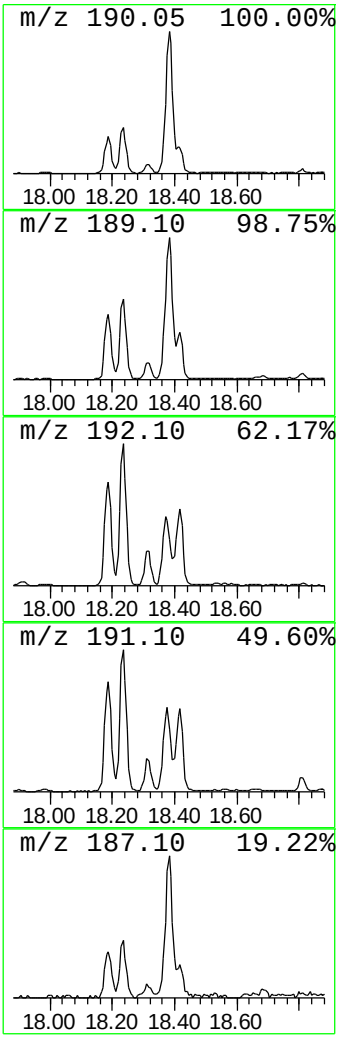
**********

Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.38 | 7.05 ng/ul | 463805 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 55 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 55 |
| 3 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 46 |
| 4 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 43 |
| 5 | Propyne, 1,3-diphenyl- | 192 | C15H12 | 004980-70-5 | 43 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

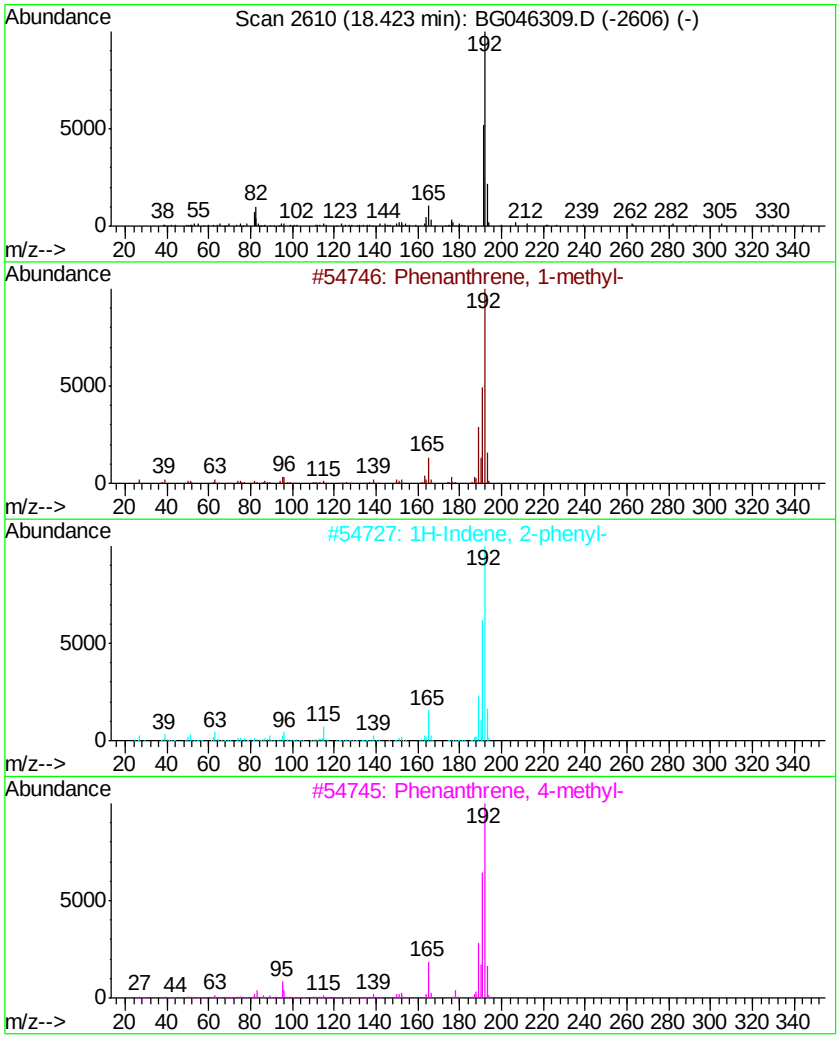
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

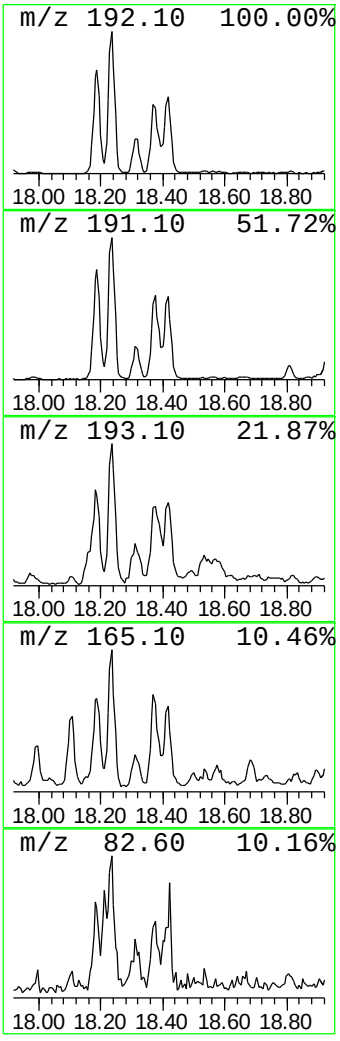
**********

Peak Number 21 Phenanthrene, 1-methyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.42 | 3.40 ng/ul | 223537 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 90 |
| 2 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 90 |
| 3 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 90 |
| 4 | 1H-Indene, 1-phenyl- | 192 | C15H12 | 001961-96-2 | 90 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

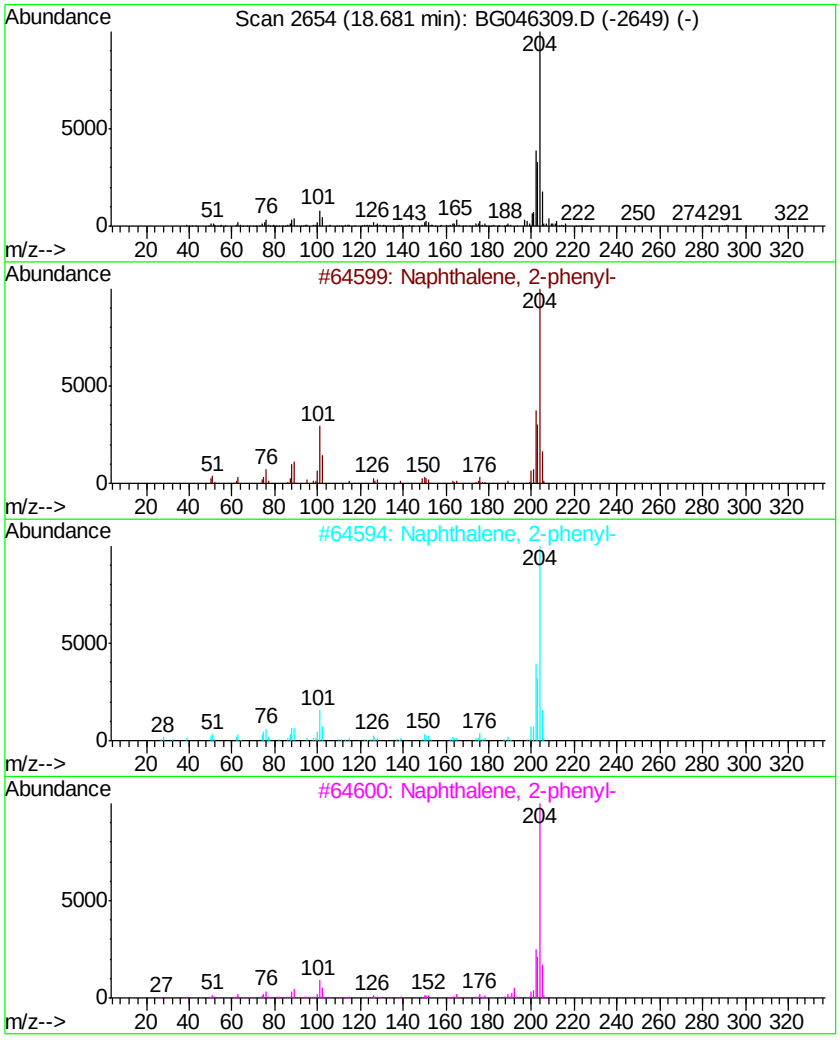
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

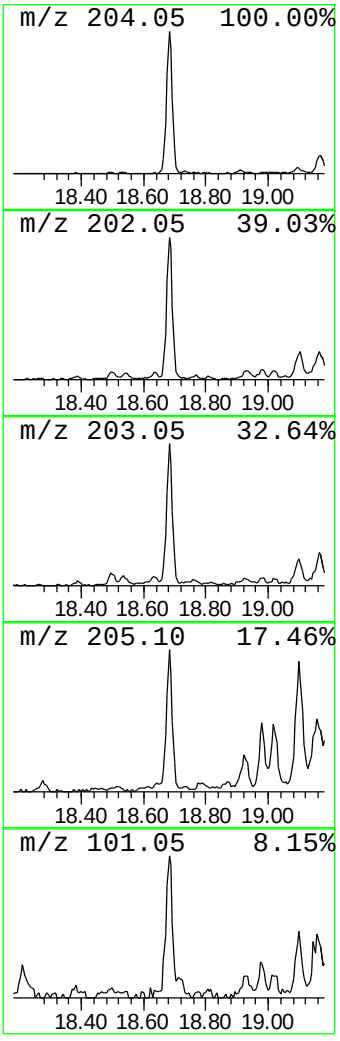
**********

Peak Number 22 Naphthalene, 2-phenyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.68 | 4.47 ng/ul | 293995 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 70 |
| 2 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 62 |
| 3 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 60 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 60 |
| 5 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 58 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

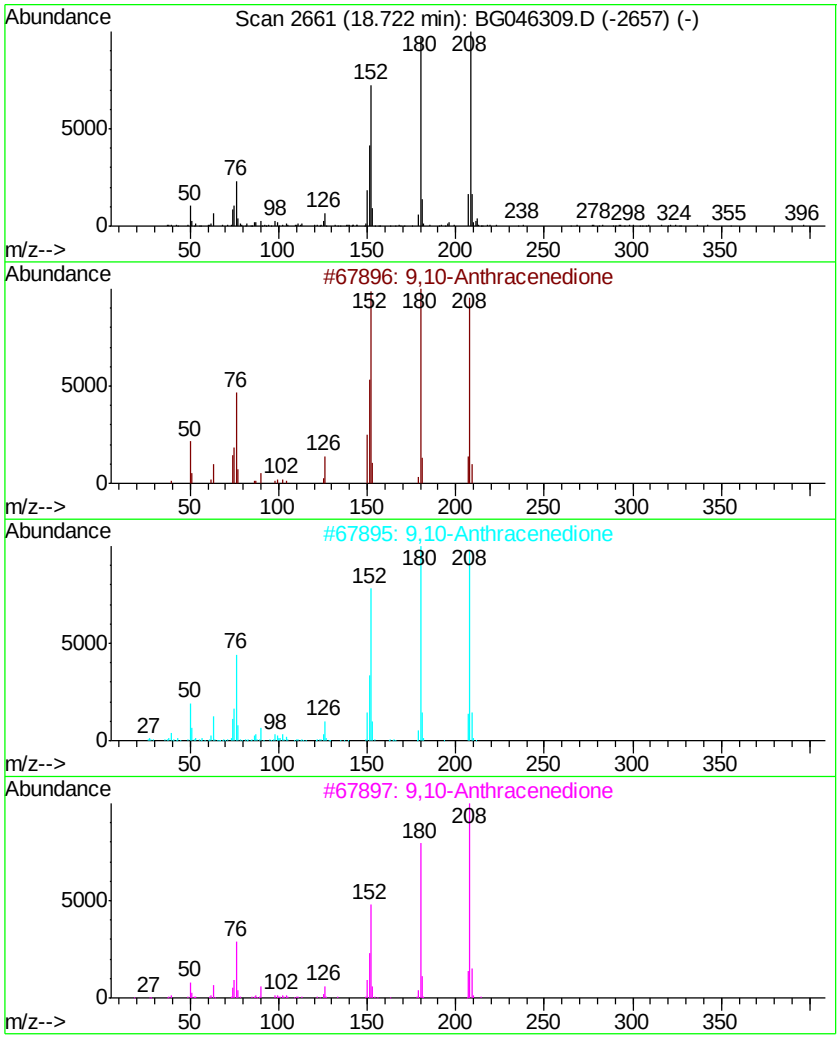
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

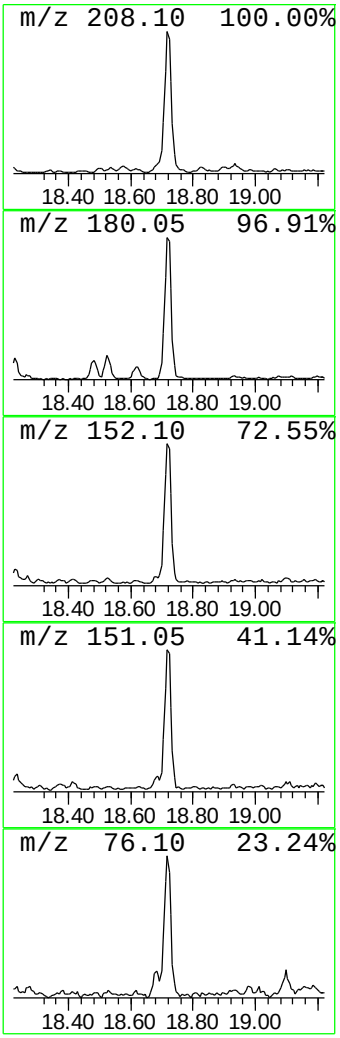
**********

Peak Number 23 9,10-Anthracenedione Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.72 | 5.36 ng/ul | 352670 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 97 |
| 2 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 95 |
| 3 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 95 |
| 4 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 60 |
| 5 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 58 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

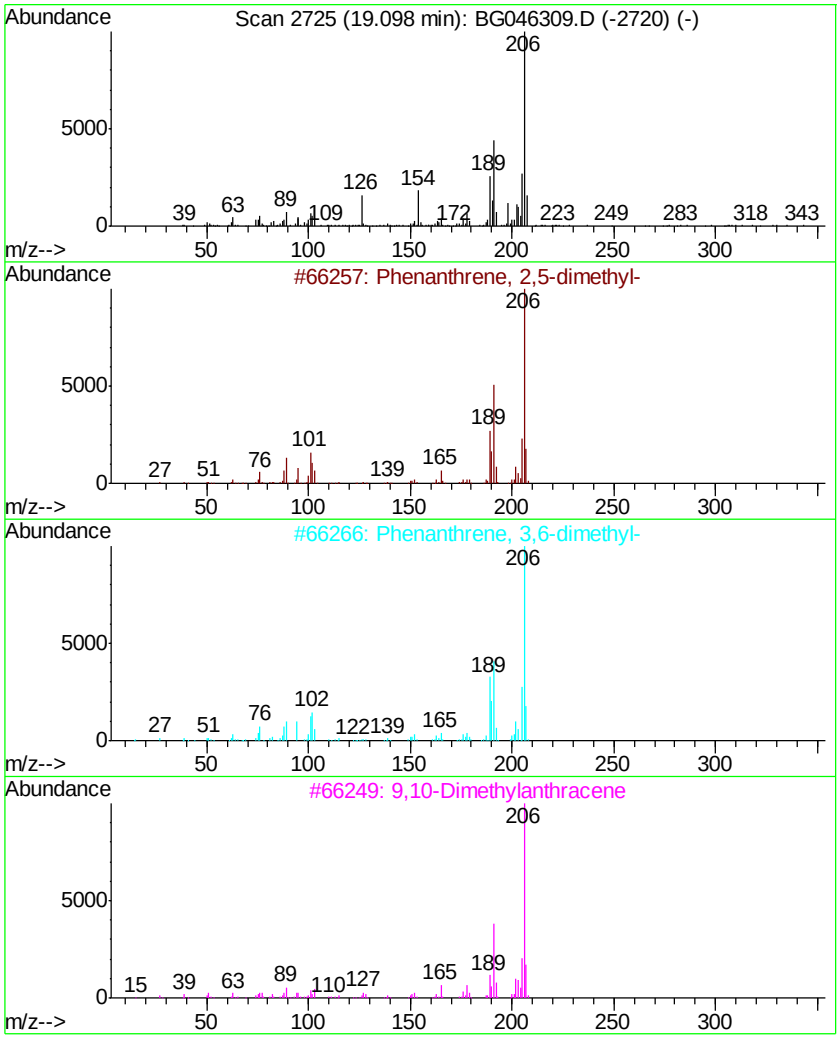
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

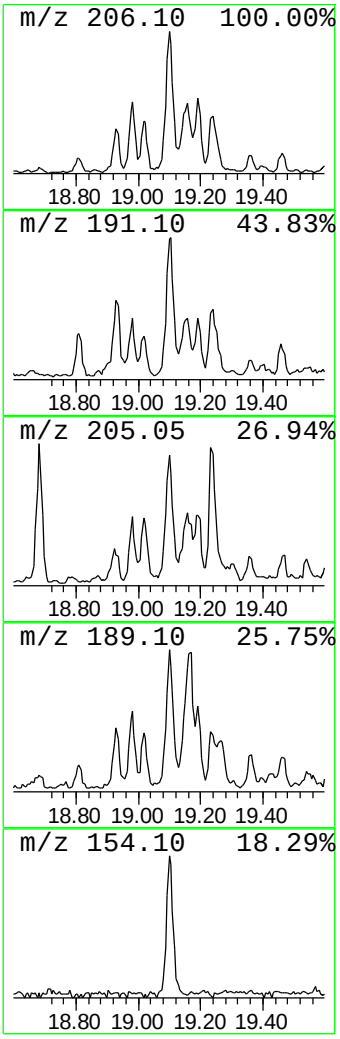
**********

Peak Number 24 Phenanthrene, 2,5-dimethyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.10 | 4.11 ng/ul | 270502 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 93 |
| 2 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 91 |
| 3 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 90 |
| 4 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 90 |
| 5 | 1-Methyl-3-phenyl-1H-indene | 206 | C16H14 | 022360-62-9 | 81 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

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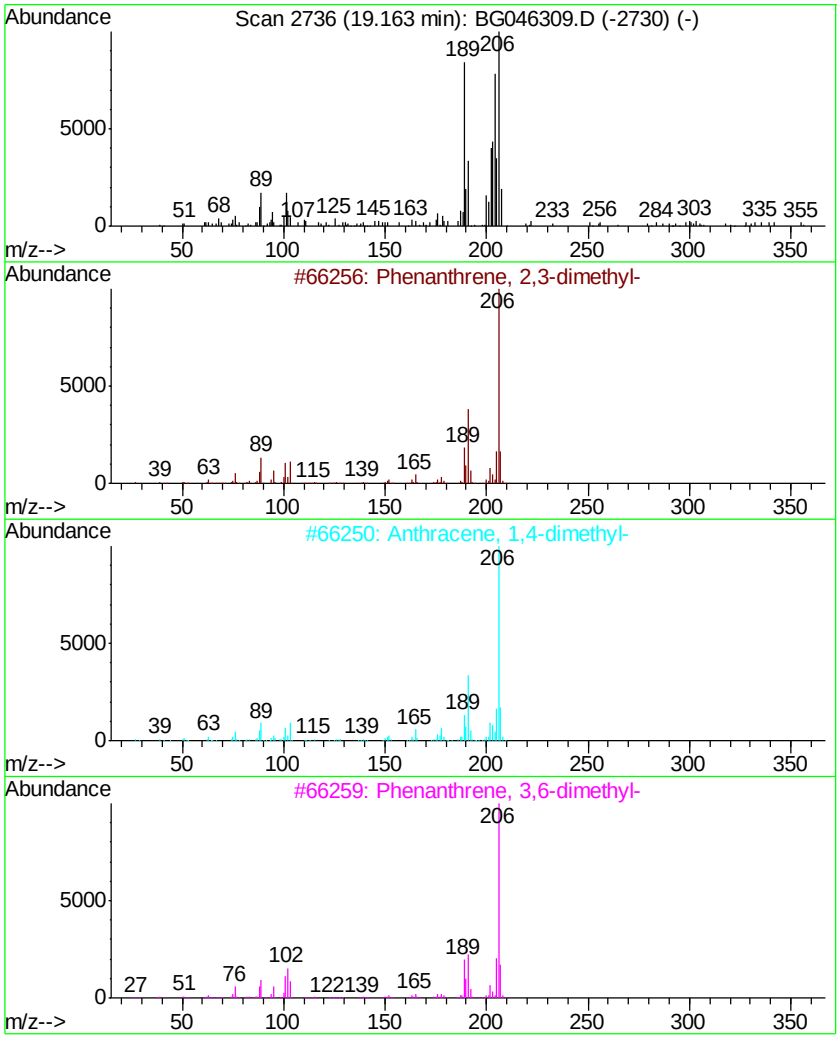
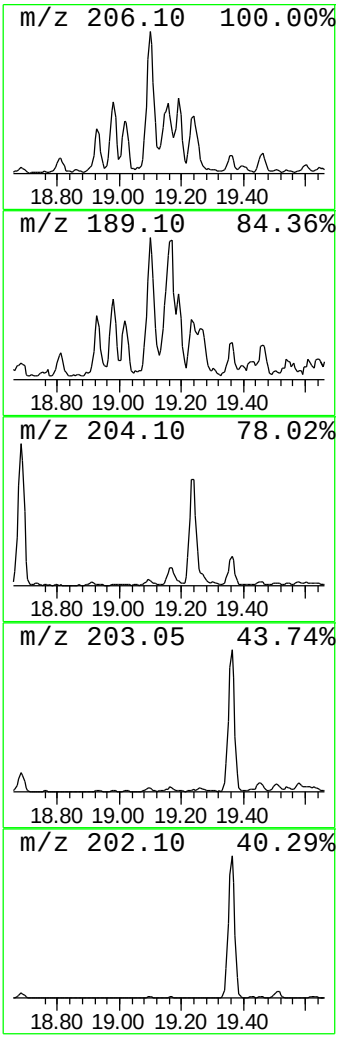
Peak Number 25 Phenanthrene, 2,3-dimethyl- Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.16 | 2.28 ng/ul | 150264 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 64 |
| 2 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 55 |
| 3 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 50 |
| 4 | Naphthalene, 1,2-dihydro-4-phenyl- | 206 | C16H14 | 007469-40-1 | 49 |
| 5 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 49 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

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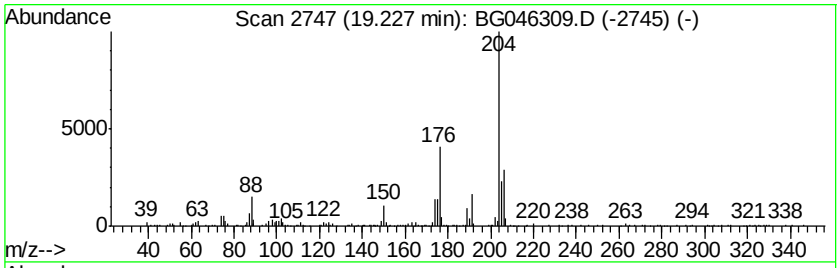
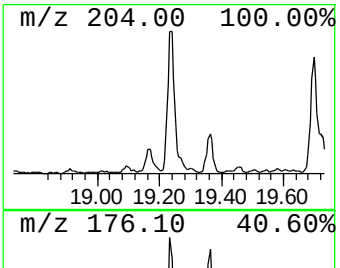
Peak Number 26 Cyclopenta(def)phenanthrenone Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.23 | 4.39 ng/ul | 288877 | Phenanthrene-d10 | 17.31 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 93 |
| 2 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 45 |
| 3 | Pyrimido[5,4-b]benzofurane, 4-ch... | 204 | C10H5ClN2O | 039876-88-5 | 43 |
| 4 | 2-Chloro-4-phenylphenol | 204 | C12H9ClO | 000092-04-6 | 38 |
| 5 | [1,1'-Biphenyl]-2-ol, 5-chloro- | 204 | C12H9ClO | 000607-12-5 | 37 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

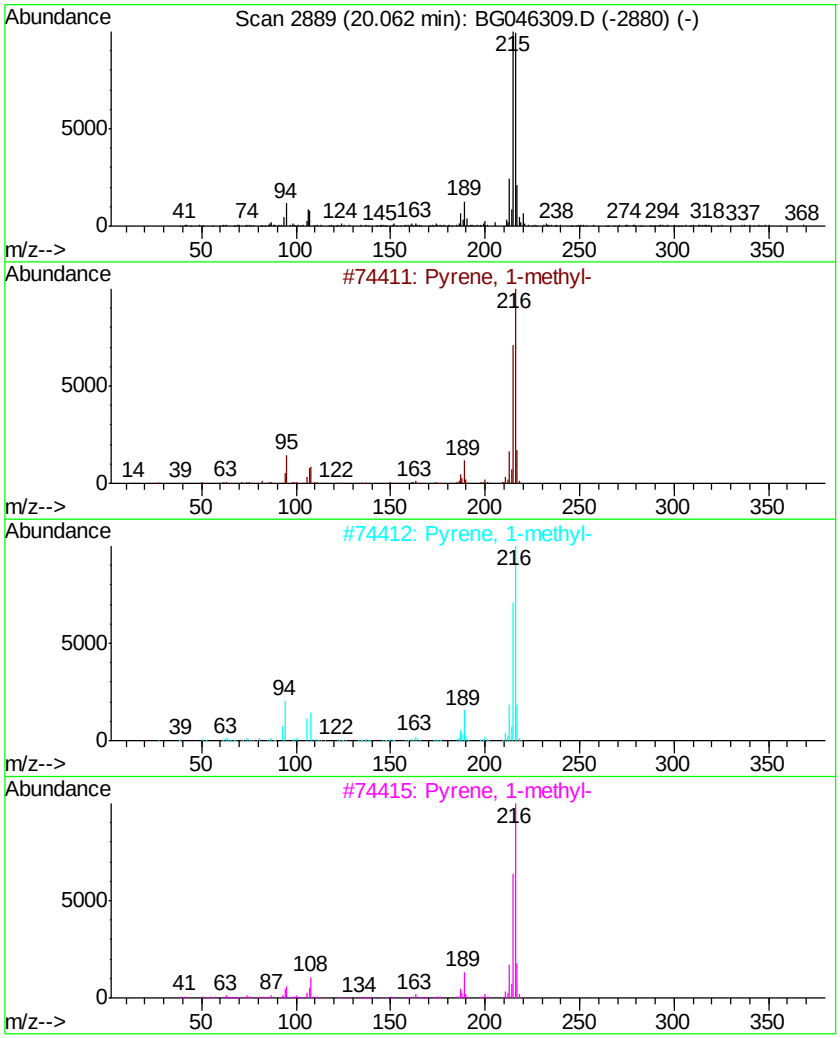
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

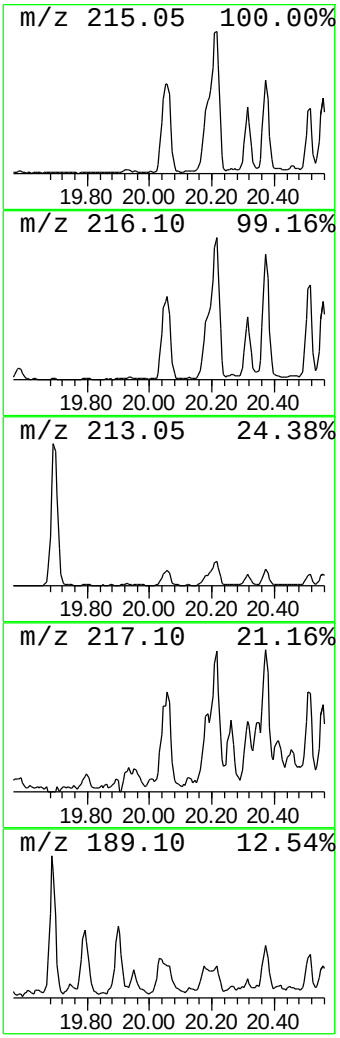
**********

Peak Number 27 Pyrene, 1-methyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.06 | 3.03 ng/ul | 467090 | Chrysene-d12 | 21.56 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 95 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 94 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 91 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 90 |
| 5 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 87 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

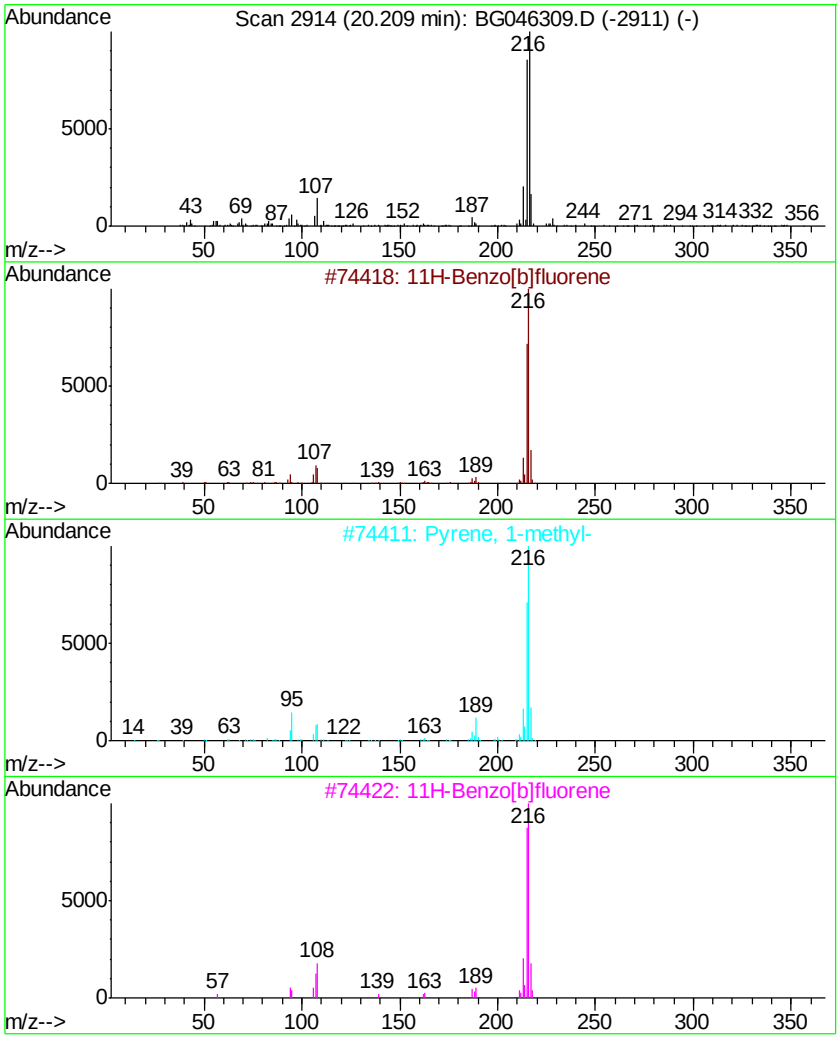
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

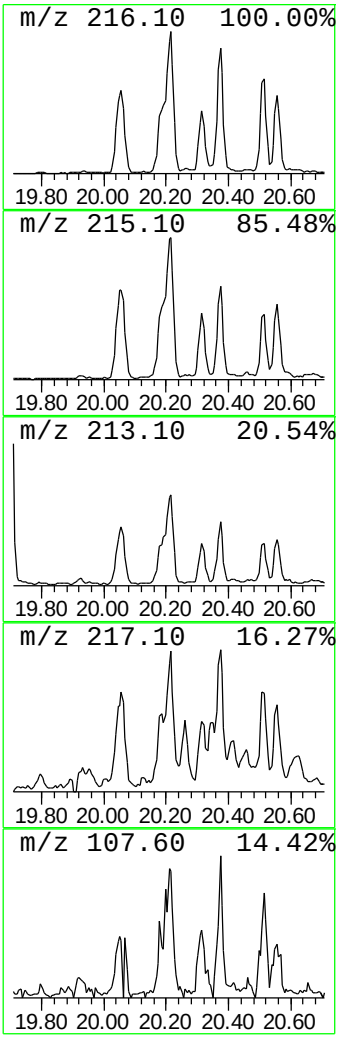
**********

Peak Number 28 11H-Benzo[b]fluorene Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.21 | 2.32 ng/ul | 357460 | Chrysene-d12 | 21.56 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 94 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 94 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 91 |
| 4 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 90 |
| 5 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 87 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

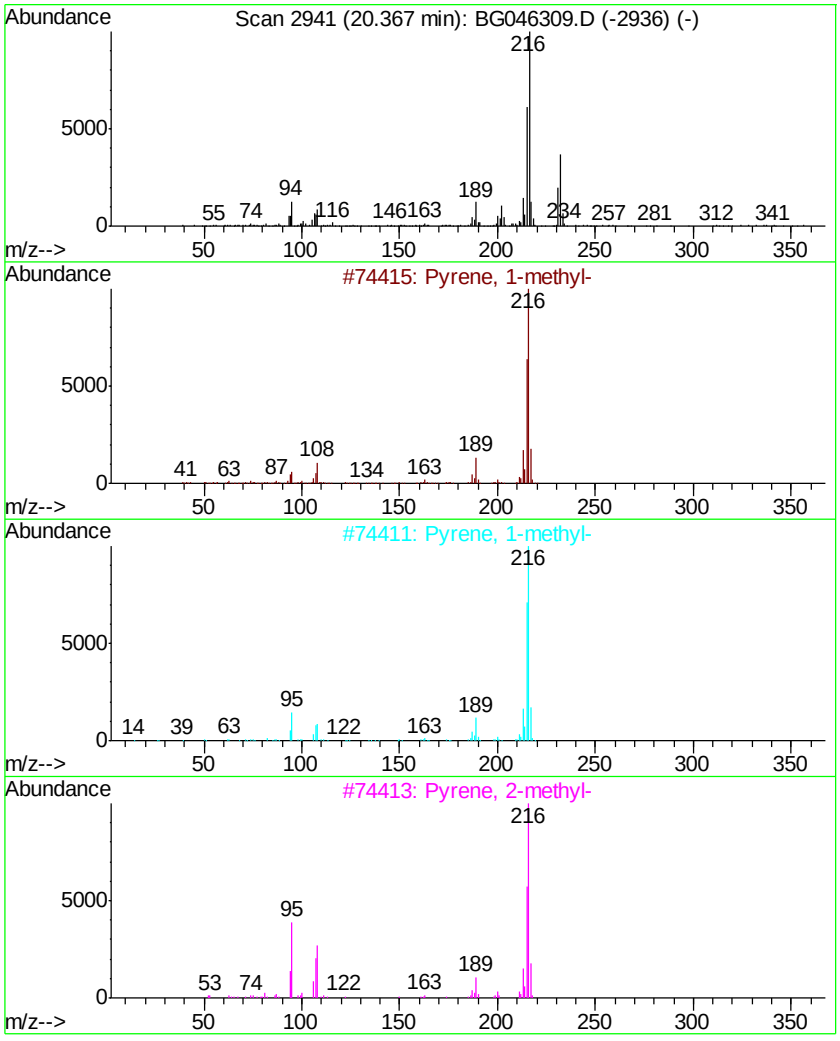
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

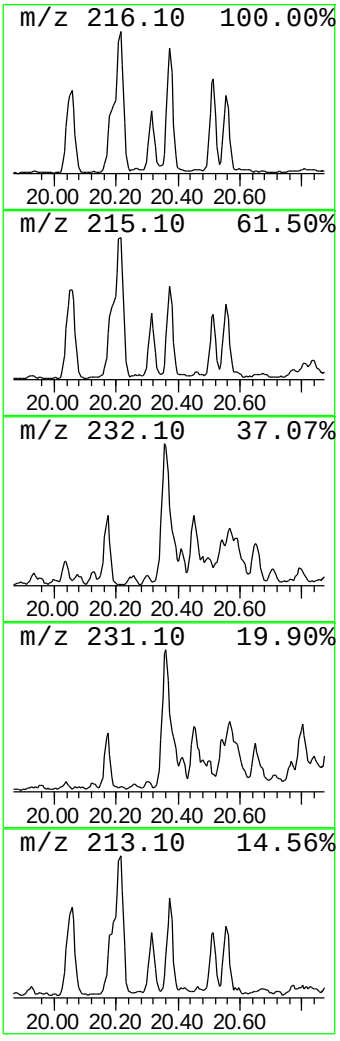
**********

Peak Number 29 Pyrene, 2-methyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.37 | 2.59 ng/ul | 399502 | Chrysene-d12 | 21.56 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 96 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 94 |
| 3 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 93 |
| 4 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 91 |
| 5 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 89 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

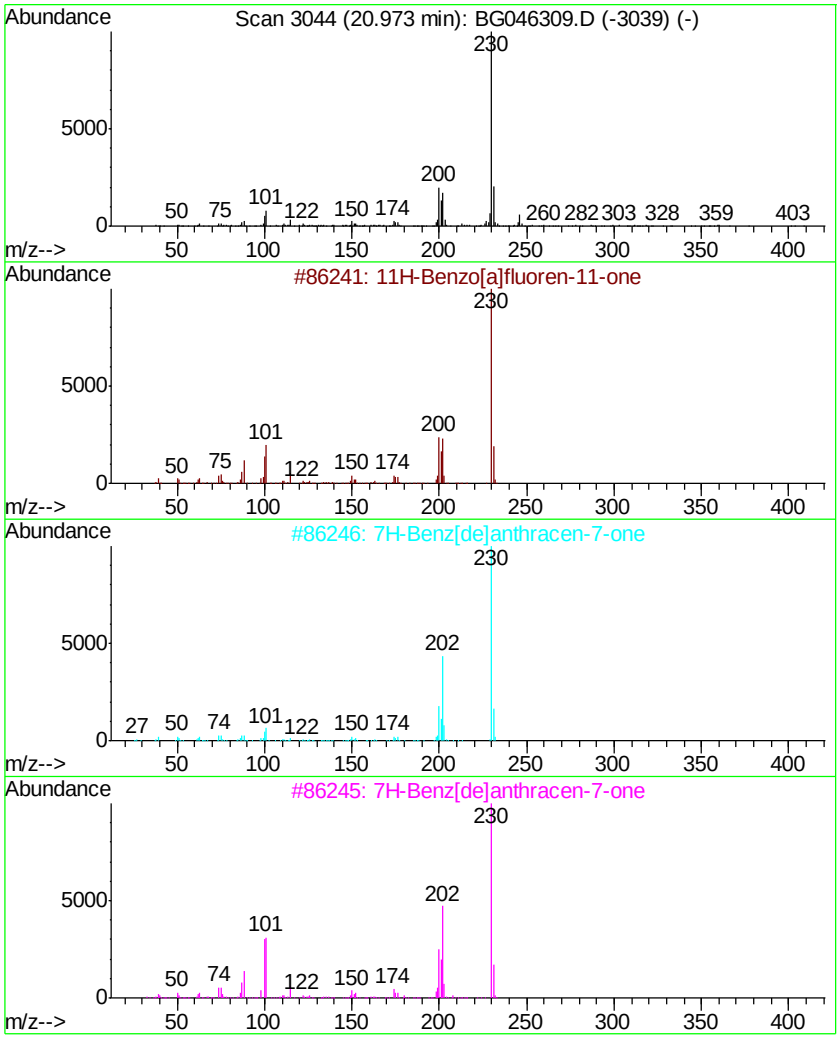
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

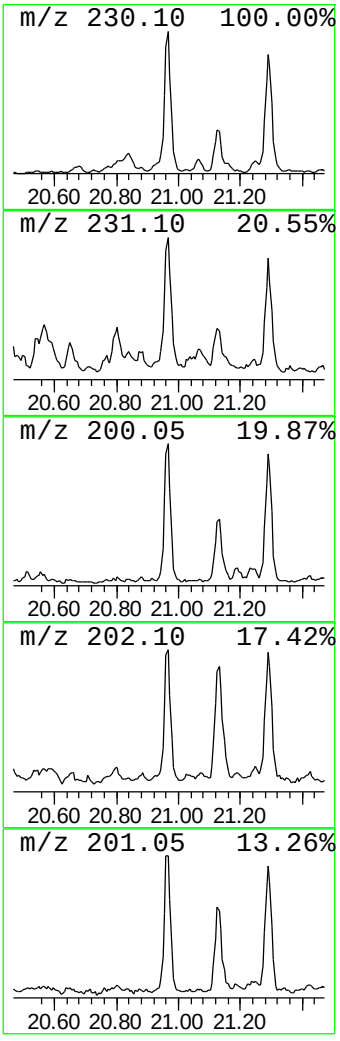
**********

Peak Number 30 11H-Benzo[a]fluoren-11-one Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.97 | 2.64 ng/ul | 406999 | Chrysene-d12 | 21.56 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 96 |
| 2 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 91 |
| 3 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 87 |
| 4 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 74 |
| 5 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 72 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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

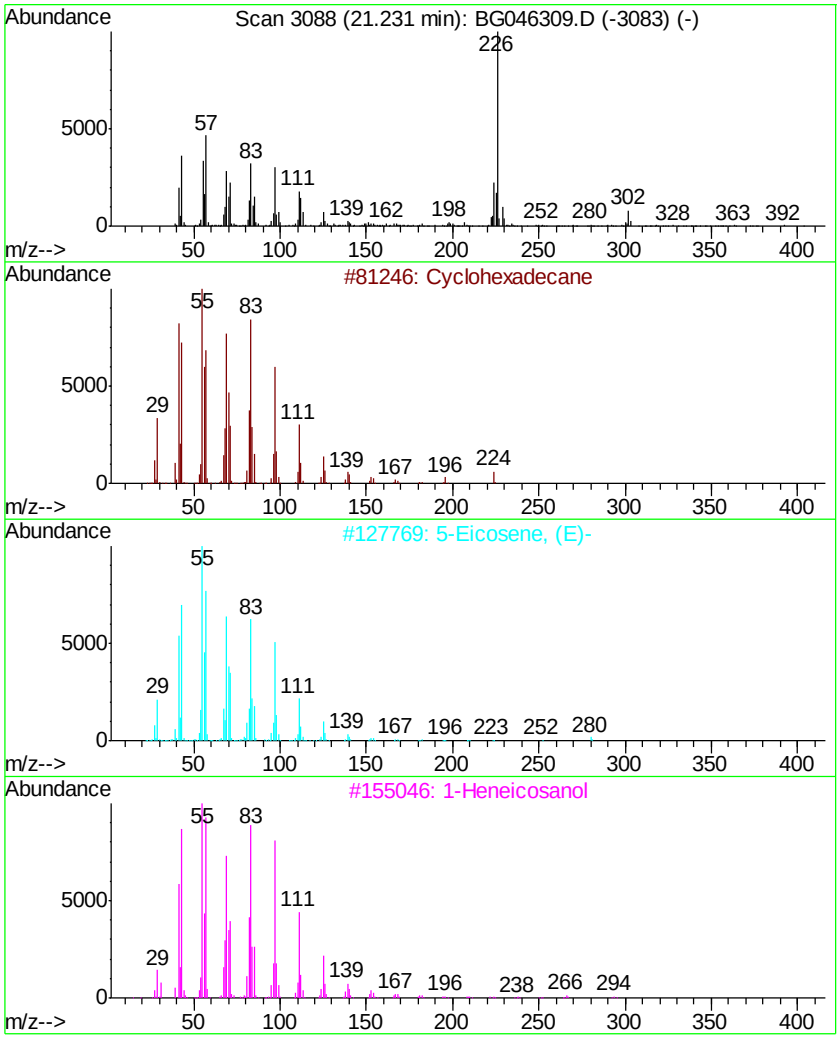
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

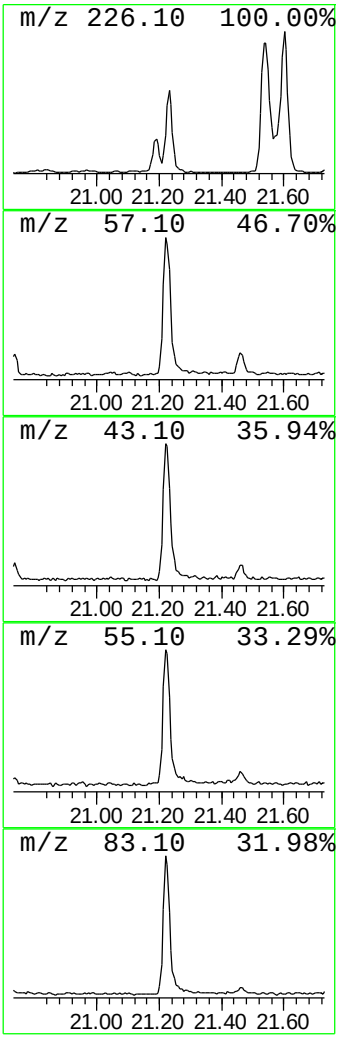
**********

Peak Number 32 (DEL) Alkane: Cyclic21.23 Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.23 | 6.55 ng/ul | 1010000 | Chrysene-d12 | 21.56 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 97 |
| 2 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 95 |
| 3 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 86 |
| 4 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 83 |
| 5 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 78 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

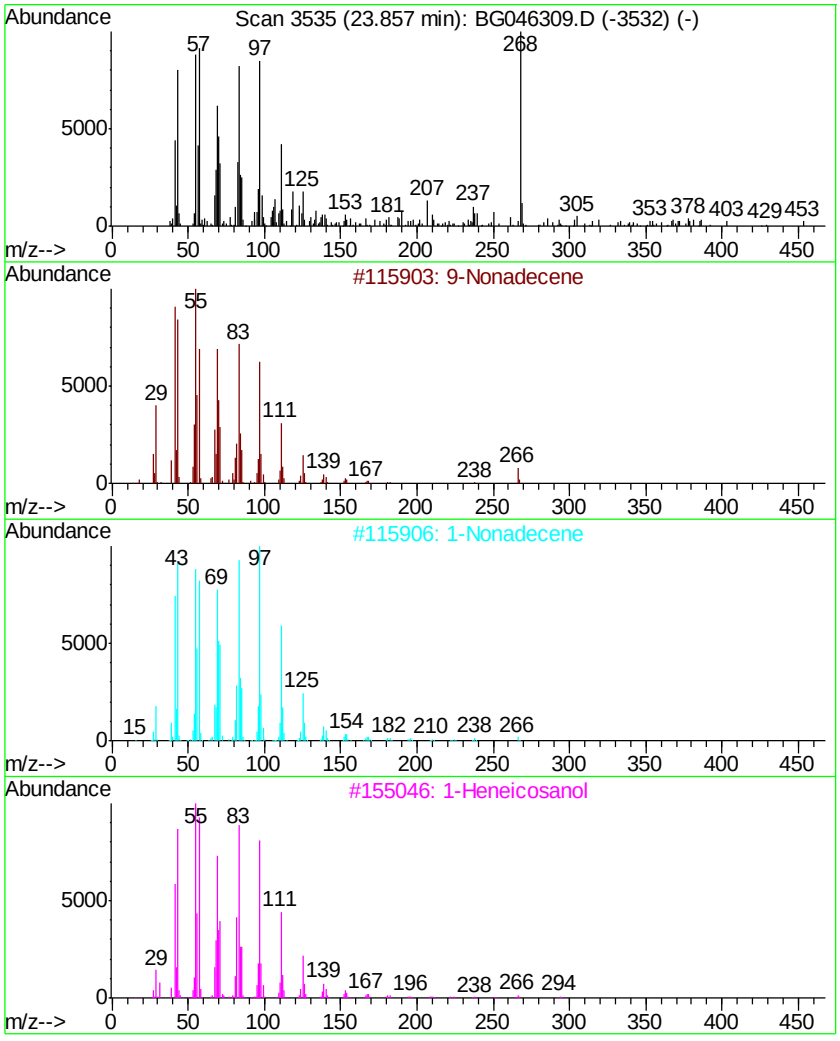
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

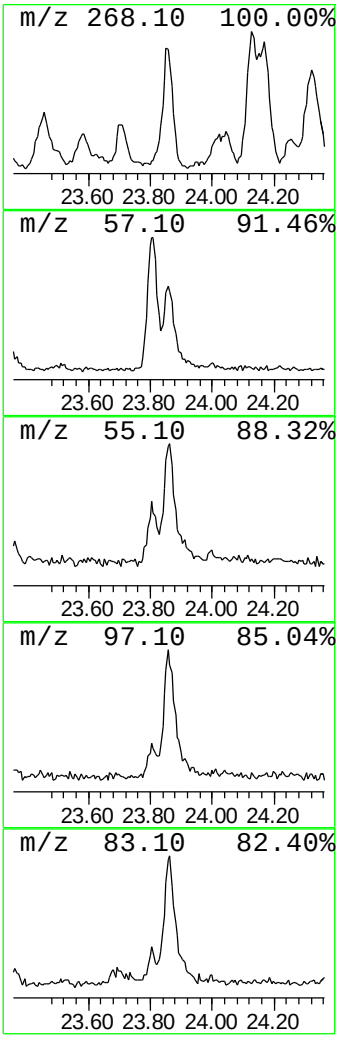
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.86 | 2.51 ng/ul | 170027 | Perylene-d12 | 24.66 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Nonadecene | 266 | C19H38 | 031035-07-1 | 93 |
| 2 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 93 |
| 3 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 93 |
| 4 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 92 |
| 5 | 10-Heneicosene (c,t) | 294 | C21H42 | 095008-11-0 | 89 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081720\
Data File : BG046309.D
Acq On : 17 Aug 2020 23:56
Operator : CG/JU
Sample : L3632-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BFM94

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 | 90.3 | ng/ul | 1952650 | 1 | 7.94 | 432497 | 20.0 |
| Hexanoic acid, 4-... | 7.11 | 21.4 | ng/ul | 463328 | 1 | 7.94 | 432497 | 20.0 |
| unknown-01 | 7.27 | 14.4 | ng/ul | 311344 | 1 | 7.94 | 432497 | 20.0 |
| unknown-02 | 7.48 | 20.8 | ng/ul | 449539 | 1 | 7.94 | 432497 | 20.0 |
| Ethanol, 2-(2-eth... | 7.54 | 2.3 | ng/ul | 49598 | 1 | 7.94 | 432497 | 20.0 |
| unknown-03 | 8.65 | 26.6 | ng/ul | 574783 | 1 | 7.94 | 432497 | 20.0 |
| 1H-Imidazole, 4-m... | 9.09 | 19.1 | ng/ul | 413548 | 1 | 7.94 | 432497 | 20.0 |
| unknown-04 | 9.81 | 11.0 | ng/ul | 364562 | 2 | 10.74 | 665332 | 20.0 |
| unknown-05 | 10.87 | 15.3 | ng/ul | 509454 | 2 | 10.74 | 665332 | 20.0 |
| unknown-06 | 13.97 | 21.2 | ng/ul | 1091190 | 3 | 14.57 | 1028310 | 20.0 |
| Dimethyl phthalate | 14.02 | 8.6 | ng/ul | 443862 | 3 | 14.57 | 1028310 | 20.0 |
| unknown-07 | 14.76 | 9.2 | ng/ul | 472369 | 3 | 14.57 | 1028310 | 20.0 |
| Dibenzofuran | 14.97 | 2.9 | ng/ul | 149160 | 3 | 14.57 | 1028310 | 20.0 |
| unknown-08 | 15.67 | 8.8 | ng/ul | 450136 | 3 | 14.57 | 1028310 | 20.0 |
| Dibenzofuran, 4-m... | 16.05 | 2.0 | ng/ul | 133933 | 4 | 17.31 | 1315740 | 20.0 |
| 9H-Fluoren-9-one | 16.96 | 3.5 | ng/ul | 232148 | 4 | 17.31 | 1315740 | 20.0 |
| 5H-Indeno[1,2-b]p... | 17.71 | 4.0 | ng/ul | 261662 | 4 | 17.31 | 1315740 | 20.0 |
| Anthracene, 2-met... | 18.19 | 5.6 | ng/ul | 369045 | 4 | 17.31 | 1315740 | 20.0 |
| Phenanthrene, 2-m... | 18.23 | 9.3 | ng/ul | 612793 | 4 | 17.31 | 1315740 | 20.0 |
| 4H-Cyclopenta[def... | 18.38 | 7.0 | ng/ul | 463805 | 4 | 17.31 | 1315740 | 20.0 |
| Phenanthrene, 1-m... | 18.42 | 3.4 | ng/ul | 223537 | 4 | 17.31 | 1315740 | 20.0 |
| Naphthalene, 2-ph... | 18.68 | 4.5 | ng/ul | 293995 | 4 | 17.31 | 1315740 | 20.0 |
| 9,10-Anthracenedione | 18.72 | 5.4 | ng/ul | 352670 | 4 | 17.31 | 1315740 | 20.0 |
| Phenanthrene, 2,5... | 19.10 | 4.1 | ng/ul | 270502 | 4 | 17.31 | 1315740 | 20.0 |
| Phenanthrene, 2,3... | 19.16 | 2.3 | ng/ul | 150264 | 4 | 17.31 | 1315740 | 20.0 |
| Cyclopenta(def)ph... | 19.23 | 4.4 | ng/ul | 288877 | 4 | 17.31 | 1315740 | 20.0 |
| Pyrene, 1-methyl- | 20.06 | 3.0 | ng/ul | 467090 | 5 | 21.56 | 3084320 | 20.0 |
| 11H-Benzo[b]fluorene | 20.21 | 2.3 | ng/ul | 357460 | 5 | 21.56 | 3084320 | 20.0 |
| Pyrene, 2-methyl- | 20.37 | 2.6 | ng/ul | 399502 | 5 | 21.56 | 3084320 | 20.0 |
| 11H-Benzo[a]fluor... | 20.97 | 2.6 | ng/ul | 406999 | 5 | 21.56 | 3084320 | 20.0 |
| (DEL) Alkane: Cyc... | 21.23 | 6.5 | ng/ul | 1010000 | 5 | 21.56 | 3084320 | 20.0 |
| (DEL) Alkane: Str... | 23.86 | 2.5 | ng/ul | 170027 | 6 | 24.66 | 1352920 | 20.0 |