LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047118.D
Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EW2B7

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-BG102220MA.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 | 3.468 | 18 | 22 | 25 | rBV3 | 5804 | 8660 | 0.78% | 0.068% |
| 2 | 3.544 | 34 | 35 | 37 | rBV2 | 3117 | 2112 | 0.19% | 0.017% |
| 3 | 3.891 | 90 | 94 | 98 | rBV4 | 8020 | 11597 | 1.04% | 0.091% |
| 4 | 3.997 | 107 | 112 | 120 | rBV | 32601 | 54773 | 4.91% | 0.431% |
| 5 | 4.067 | 120 | 124 | 128 | rBV4 | 3845 | 6071 | 0.54% | 0.048% |
| 6 | 4.408 | 180 | 182 | 185 | rVB4 | 2391 | 2075 | 0.19% | 0.016% |
| 7 | 4.443 | 185 | 188 | 191 | rBV4 | 2765 | 3863 | 0.35% | 0.030% |
| 8 | 4.590 | 210 | 213 | 215 | rBV2 | 1999 | 2282 | 0.20% | 0.018% |
| 9 | 4.784 | 242 | 246 | 249 | rBV5 | 4228 | 5569 | 0.50% | 0.044% |
| 10 | 5.043 | 289 | 290 | 295 | rVB3 | 2966 | 2701 | 0.24% | 0.021% |
| 11 | 5.137 | 303 | 306 | 312 | rBV6 | 2195 | 3486 | 0.31% | 0.027% |
| 12 | 5.225 | 317 | 321 | 322 | rBV | 7088 | 6094 | 0.55% | 0.048% |
| 13 | 5.366 | 344 | 345 | 350 | rBV3 | 3866 | 3471 | 0.31% | 0.027% |
| 14 | 5.524 | 370 | 372 | 374 | rBV | 1838 | 2022 | 0.18% | 0.016% |
| 15 | 5.671 | 396 | 397 | 400 | rBV2 | 2294 | 2400 | 0.22% | 0.019% |
| 16 | 6.059 | 458 | 463 | 470 | rBV6 | 2894 | 6071 | 0.54% | 0.048% |
| 17 | 6.171 | 478 | 482 | 485 | rBV5 | 1593 | 2127 | 0.19% | 0.017% |
| 18 | 7.211 | 650 | 659 | 671 | rBV | 125118 | 225905 | 20.26% | 1.776% |
| 19 | 7.381 | 679 | 688 | 695 | rBV | 97446 | 164018 | 14.71% | 1.289% |
| 20 | 7.534 | 712 | 714 | 716 | rBV2 | 2042 | 2078 | 0.19% | 0.016% |
| 21 | 7.587 | 717 | 723 | 730 | rVV2 | 125465 | 224037 | 20.09% | 1.761% |
| 22 | 7.640 | 730 | 732 | 735 | rVV4 | 2318 | 2486 | 0.22% | 0.020% |
| 23 | 7.875 | 769 | 772 | 775 | rBV3 | 1719 | 2060 | 0.18% | 0.016% |
| 24 | 8.057 | 797 | 803 | 811 | rVV | 224919 | 381563 | 34.21% | 2.999% |
| 25 | 8.756 | 916 | 922 | 933 | rBV2 | 129731 | 238527 | 21.39% | 1.875% |
| 26 | 9.220 | 993 | 1001 | 1010 | rBV | 126561 | 227694 | 20.42% | 1.790% |
| 27 | 9.514 | 1049 | 1051 | 1057 | rVB4 | 1629 | 2511 | 0.23% | 0.020% |
| 28 | 9.943 | 1117 | 1124 | 1133 | rBV2 | 113826 | 204140 | 18.30% | 1.605% |
| 29 | 10.483 | 1209 | 1216 | 1226 | rBV | 163369 | 300184 | 26.92% | 2.360% |
| 30 | 10.754 | 1260 | 1262 | 1267 | rVB | 1726 | 2196 | 0.20% | 0.017% |
| 31 | 10.871 | 1271 | 1282 | 1289 | rBV | 297517 | 526560 | 47.21% | 4.139% |
| 32 | 11.000 | 1296 | 1304 | 1313 | rBV3 | 89808 | 172632 | 15.48% | 1.357% |
| 33 | 11.723 | 1424 | 1427 | 1429 | rBV | 1849 | 2239 | 0.20% | 0.018% |
| 34 | 11.770 | 1432 | 1435 | 1441 | rVV5 | 1528 | 2835 | 0.25% | 0.022% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047118.D
Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EW2B7

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-BG102220MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.929 | 1460 | 1462 | 1465 | rBV2 | 2165 | 2324 | 0.21% | 0.018% |
| 36 | 12.446 | 1548 | 1550 | 1555 | rVB3 | 2947 | 3747 | 0.34% | 0.029% |
| 37 | 12.516 | 1559 | 1562 | 1563 | rBV2 | 2245 | 2550 | 0.23% | 0.020% |
| 38 | 12.751 | 1597 | 1602 | 1604 | rVV4 | 2305 | 4039 | 0.36% | 0.032% |
| 39 | 12.998 | 1642 | 1644 | 1648 | rVV | 2146 | 3097 | 0.28% | 0.024% |
| 40 | 13.568 | 1738 | 1741 | 1747 | rBV3 | 4673 | 6370 | 0.57% | 0.050% |
| 41 | 13.644 | 1749 | 1754 | 1756 | rBV2 | 2203 | 2166 | 0.19% | 0.017% |
| 42 | 13.709 | 1762 | 1765 | 1768 | rBV3 | 1492 | 2026 | 0.18% | 0.016% |
| 43 | 13.862 | 1789 | 1791 | 1793 | rBV | 2288 | 2278 | 0.20% | 0.018% |
| 44 | 14.009 | 1809 | 1816 | 1820 | rBV5 | 2311 | 5298 | 0.48% | 0.042% |
| 45 | 14.085 | 1822 | 1829 | 1834 | rVV | 348280 | 503933 | 45.18% | 3.961% |
| 46 | 14.132 | 1834 | 1837 | 1845 | rVB | 107449 | 151548 | 13.59% | 1.191% |
| 47 | 14.385 | 1873 | 1880 | 1886 | rBV | 346598 | 549965 | 49.31% | 4.323% |
| 48 | 14.578 | 1910 | 1913 | 1916 | rVB | 3286 | 3856 | 0.35% | 0.030% |
| 49 | 14.690 | 1925 | 1932 | 1939 | rBV | 518917 | 785730 | 70.45% | 6.176% |
| 50 | 14.755 | 1939 | 1943 | 1947 | rVB2 | 3987 | 6317 | 0.57% | 0.050% |
| 51 | 14.872 | 1957 | 1963 | 1970 | rBV2 | 105074 | 192185 | 17.23% | 1.511% |
| 52 | 14.937 | 1970 | 1974 | 1981 | rVV4 | 19820 | 44741 | 4.01% | 0.352% |
| 53 | 15.025 | 1985 | 1989 | 1996 | rVV6 | 6125 | 11635 | 1.04% | 0.091% |
| 54 | 15.090 | 1996 | 2000 | 2007 | rVB7 | 8186 | 13773 | 1.23% | 0.108% |
| 55 | 15.477 | 2060 | 2066 | 2071 | rBV5 | 4065 | 8918 | 0.80% | 0.070% |
| 56 | 15.524 | 2071 | 2074 | 2078 | rVV3 | 2325 | 3346 | 0.30% | 0.026% |
| 57 | 15.683 | 2094 | 2101 | 2107 | rBV | 498334 | 747382 | 67.01% | 5.875% |
| 58 | 15.795 | 2113 | 2120 | 2127 | rBV2 | 70511 | 116004 | 10.40% | 0.912% |
| 59 | 15.859 | 2129 | 2131 | 2134 | rVV2 | 2885 | 2724 | 0.24% | 0.021% |
| 60 | 15.924 | 2138 | 2142 | 2148 | rVB3 | 7147 | 11830 | 1.06% | 0.093% |
| 61 | 16.018 | 2156 | 2158 | 2160 | rBV3 | 2981 | 2183 | 0.20% | 0.017% |
| 62 | 16.253 | 2197 | 2198 | 2205 | rVB3 | 3388 | 4199 | 0.38% | 0.033% |
| 63 | 16.365 | 2215 | 2217 | 2218 | rBV | 2489 | 2084 | 0.19% | 0.016% |
| 64 | 16.388 | 2218 | 2221 | 2222 | rBV2 | 4772 | 4382 | 0.39% | 0.034% |
| 65 | 16.453 | 2229 | 2232 | 2233 | rBV | 2589 | 2722 | 0.24% | 0.021% |
| 66 | 16.470 | 2233 | 2235 | 2238 | rVB3 | 4691 | 3707 | 0.33% | 0.029% |
| 67 | 16.500 | 2238 | 2240 | 2243 | rVB2 | 2584 | 2413 | 0.22% | 0.019% |
| 68 | 16.623 | 2257 | 2261 | 2265 | rBV4 | 1995 | 4241 | 0.38% | 0.033% |
| 69 | 16.699 | 2273 | 2274 | 2276 | rBV2 | 3117 | 2379 | 0.21% | 0.019% |
| 70 | 16.729 | 2278 | 2279 | 2281 | rBV2 | 3638 | 2150 | 0.19% | 0.017% |
| 71 | 16.817 | 2292 | 2294 | 2297 | rBV3 | 4440 | 4059 | 0.36% | 0.032% |

LSC Area Percent Report

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Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EW2B7

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-BG102220MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 16.911 | 2307 | 2310 | 2311 | rVB3 | 3205 | 2569 | 0.23% | 0.020% |
| 73 | 16.964 | 2316 | 2319 | 2323 | rVB6 | 6309 | 8660 | 0.78% | 0.068% |
| 74 | 17.005 | 2323 | 2326 | 2327 | rBV2 | 2672 | 3554 | 0.32% | 0.028% |
| 75 | 17.023 | 2327 | 2329 | 2330 | rBV2 | 3147 | 2971 | 0.27% | 0.023% |
| 76 | 17.076 | 2335 | 2338 | 2339 | rBV3 | 4523 | 4233 | 0.38% | 0.033% |
| 77 | 17.181 | 2353 | 2356 | 2360 | rVB2 | 6938 | 7993 | 0.72% | 0.063% |
| 78 | 17.316 | 2375 | 2379 | 2386 | rBV6 | 16040 | 26655 | 2.39% | 0.210% |
| 79 | 17.381 | 2388 | 2390 | 2393 | rVV4 | 8103 | 11048 | 0.99% | 0.087% |
| 80 | 17.434 | 2393 | 2399 | 2404 | rVV | 666025 | 1017351 | 91.22% | 7.997% |
| 81 | 17.475 | 2404 | 2406 | 2411 | rVV | 74949 | 94387 | 8.46% | 0.742% |
| 82 | 17.534 | 2411 | 2416 | 2425 | rVB | 546447 | 806945 | 72.35% | 6.343% |
| 83 | 17.898 | 2474 | 2478 | 2483 | rVB2 | 24041 | 39404 | 3.53% | 0.310% |
| 84 | 18.074 | 2503 | 2508 | 2514 | rBV2 | 124998 | 182385 | 16.35% | 1.434% |
| 85 | 18.127 | 2514 | 2517 | 2520 | rBV5 | 5134 | 5821 | 0.52% | 0.046% |
| 86 | 18.198 | 2526 | 2529 | 2534 | rBV7 | 12605 | 16871 | 1.51% | 0.133% |
| 87 | 18.256 | 2535 | 2539 | 2544 | rBV2 | 53269 | 74112 | 6.65% | 0.583% |
| 88 | 18.315 | 2544 | 2549 | 2554 | rBV2 | 188065 | 278637 | 24.98% | 2.190% |
| 89 | 18.803 | 2627 | 2632 | 2635 | rBV6 | 17826 | 34971 | 3.14% | 0.275% |
| 90 | 18.873 | 2639 | 2644 | 2650 | rVB | 168827 | 229010 | 20.53% | 1.800% |
| 91 | 18.985 | 2659 | 2663 | 2669 | rVB2 | 92036 | 118884 | 10.66% | 0.934% |
| 92 | 19.114 | 2681 | 2685 | 2689 | rBV3 | 47404 | 63548 | 5.70% | 0.500% |
| 93 | 19.208 | 2696 | 2701 | 2705 | rBV | 131740 | 180483 | 16.18% | 1.419% |
| 94 | 19.414 | 2731 | 2736 | 2741 | rBV | 362173 | 445517 | 39.95% | 3.502% |
| 95 | 19.484 | 2743 | 2748 | 2755 | rVB | 182692 | 264111 | 23.68% | 2.076% |
| 96 | 19.578 | 2761 | 2764 | 2770 | rBV5 | 62448 | 91391 | 8.19% | 0.718% |
| 97 | 19.690 | 2779 | 2783 | 2788 | rBV | 203489 | 266213 | 23.87% | 2.093% |
| 98 | 19.819 | 2799 | 2805 | 2815 | rBV2 | 631355 | 1115280 | 100.00% | 8.766% |
| 99 | 21.705 | 3121 | 3126 | 3131 | rVB | 615523 | 945278 | 84.76% | 7.430% |
| 100 | 21.864 | 3149 | 3153 | 3156 | rBV | 239543 | 354479 | 31.78% | 2.786% |

Sum of corrected areas: 12722101

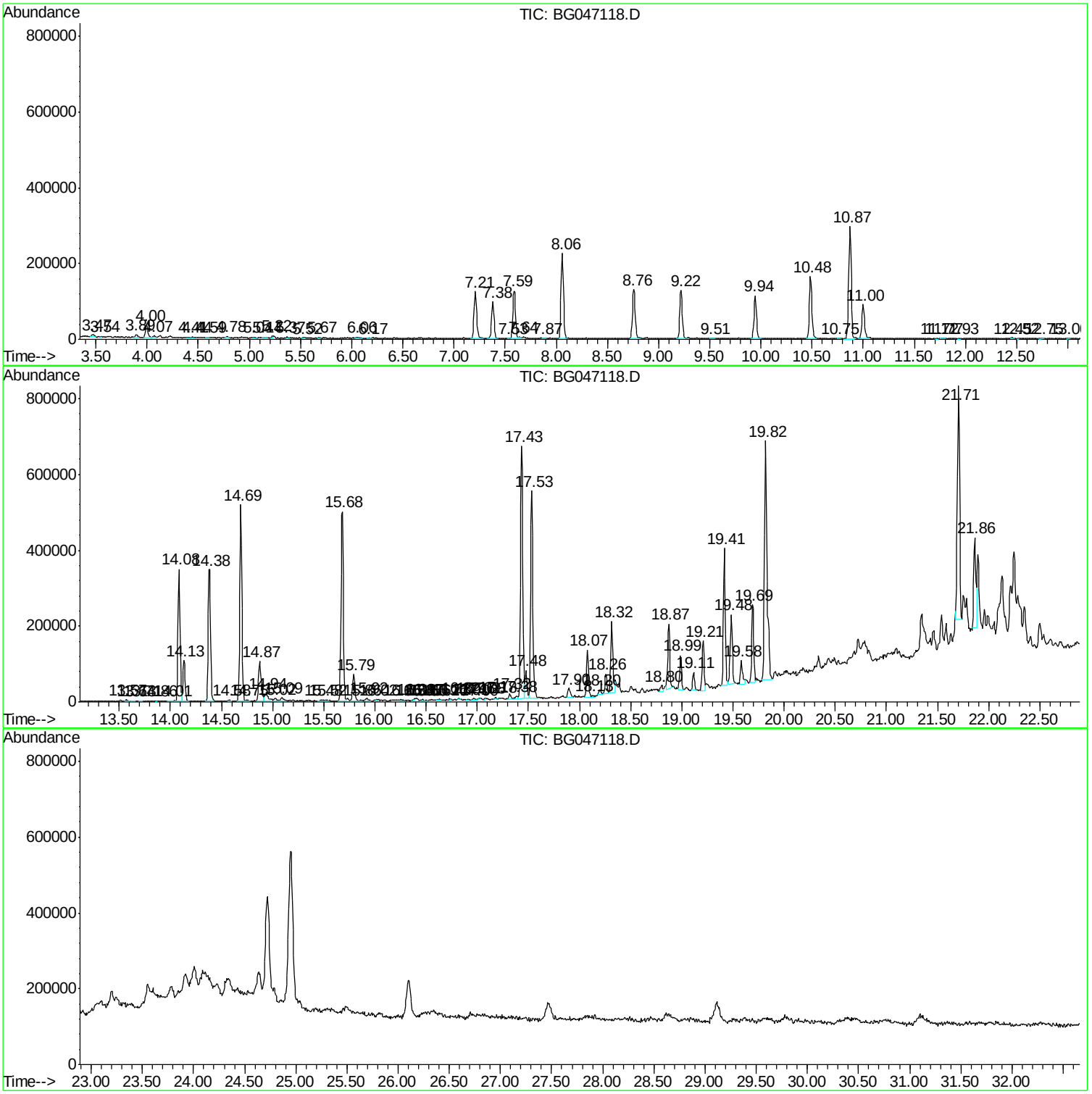
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047118.D
Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EW2B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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\BG102920\
Data File : BG047118.D
Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EW2B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

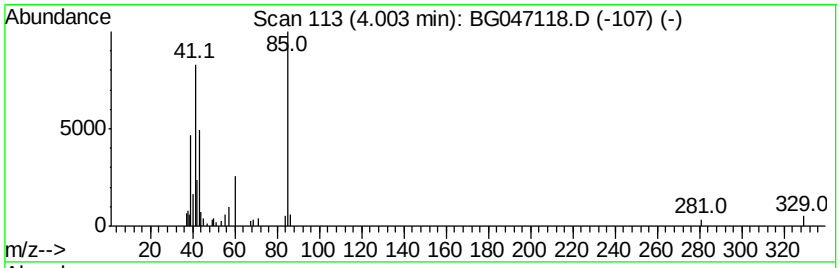
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

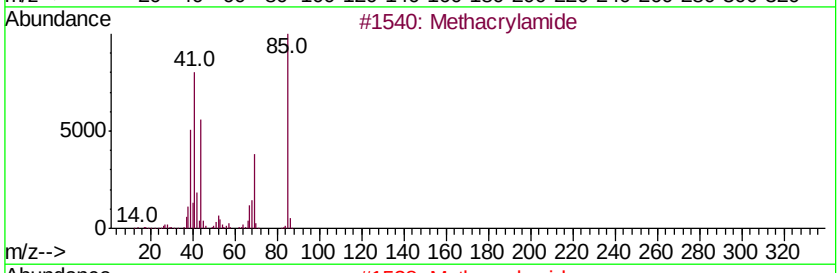
**********

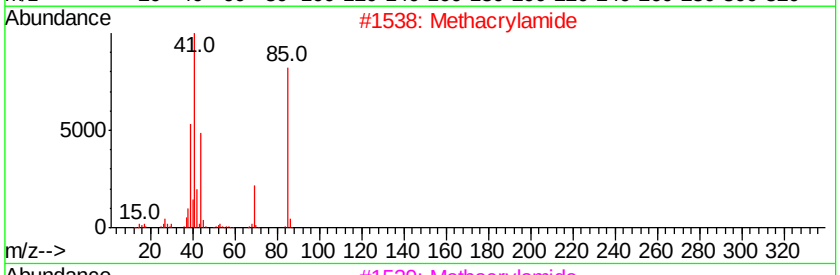
Peak Number 1 Methacrylamide Concentration Rank 8

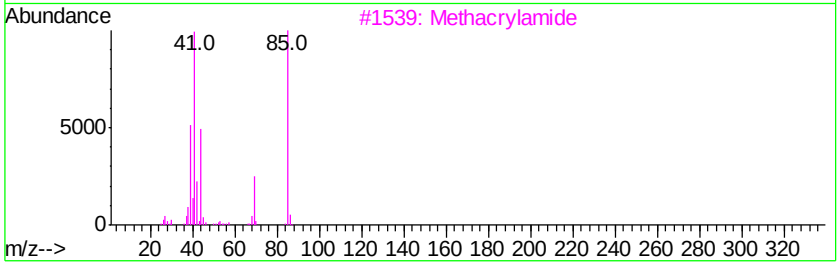
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.00 | 2.87 ng/ul | 54773 | 1,4-Dichlorobenzene-d4 | 8.06 |

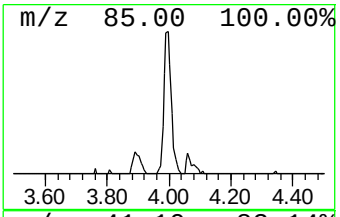
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methacrylamide | 85 | C4H7NO | 000079-39-0 | 59 |
| 2 | Methacrylamide | 85 | C4H7NO | 000079-39-0 | 53 |
| 3 | Methacrylamide | 85 | C4H7NO | 000079-39-0 | 53 |
| 4 | 2-(Chloromethyl)tetrahydropyran | 134 | C6H11ClO | 018420-41-2 | 43 |
| 5 | 2-(Bromomethyl)acrylic acid | 164 | C4H5BrO2 | 072707-66-5 | 36 |

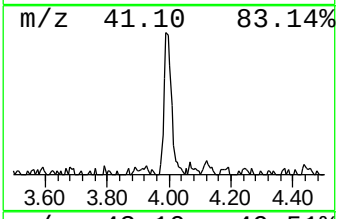


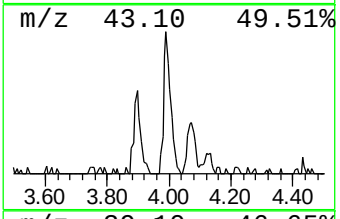



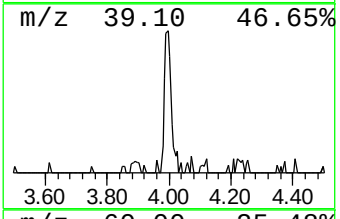



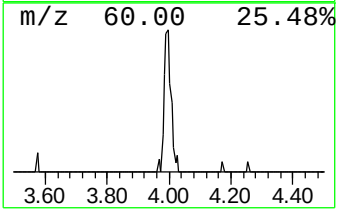



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
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Misc :
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**Instrument :** BNA_G
**ClientSampleId :** EW2B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

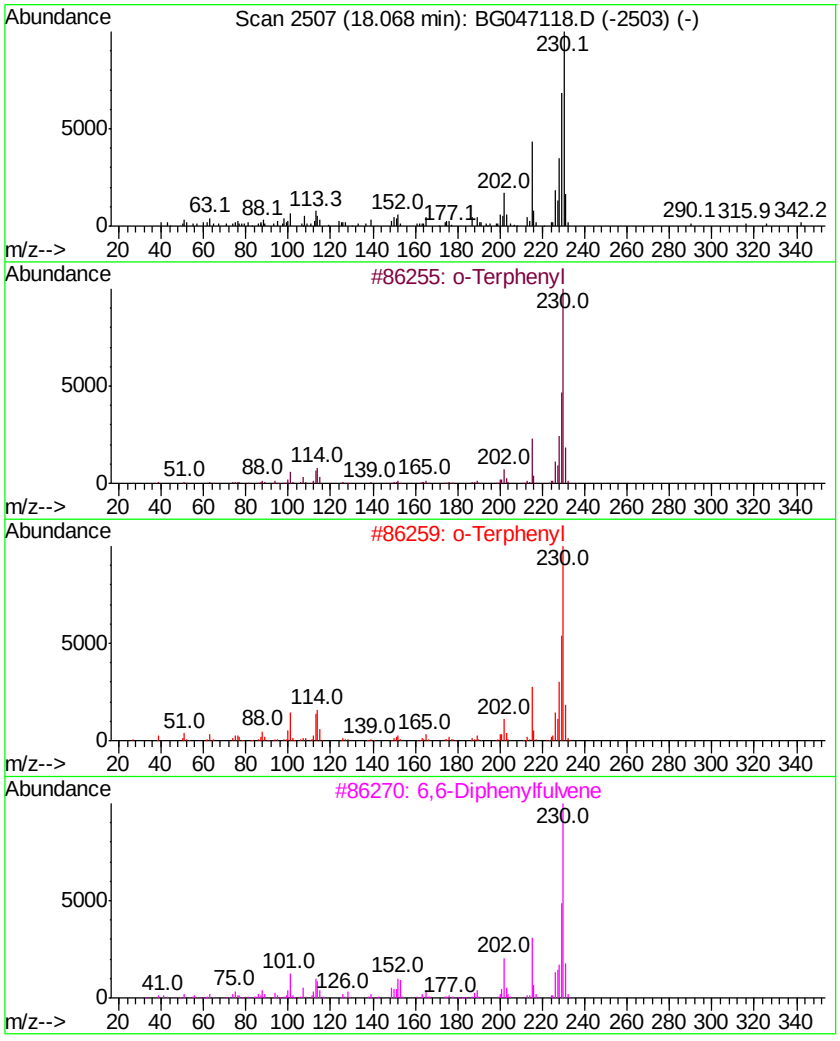
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

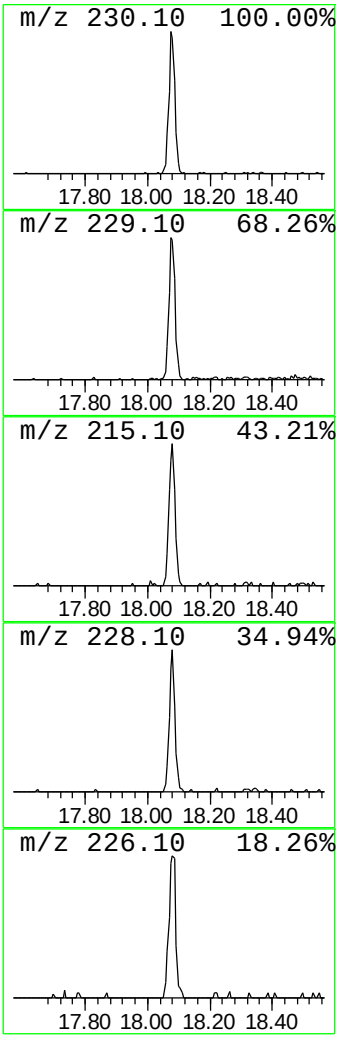
**********

Peak Number 2 o-Terphenyl Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.07 | 3.59 ng/ul | 182385 | Phenanthrene-d10 | 17.43 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Terphenyl | 230 | C18H14 | 000084-15-1 | 93 |
| 2 | o-Terphenyl | 230 | C18H14 | 000084-15-1 | 91 |
| 3 | 6,6-Diphenylfulvene | 230 | C18H14 | 002175-90-8 | 90 |
| 4 | o-Terphenyl | 230 | C18H14 | 000084-15-1 | 87 |
| 5 | 6,6-Diphenylfulvene | 230 | C18H14 | 002175-90-8 | 68 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
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ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EW2B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

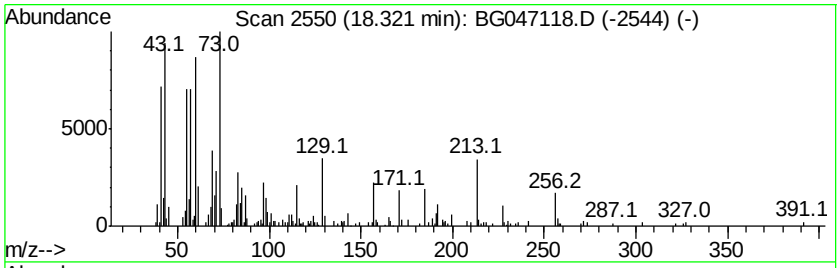
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

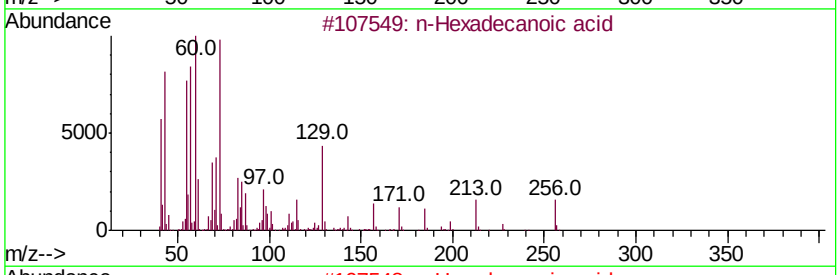
**********

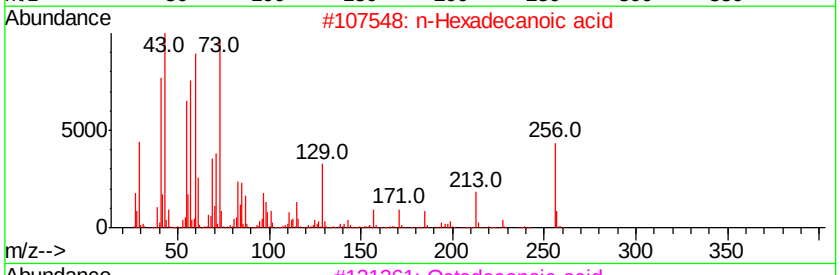
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

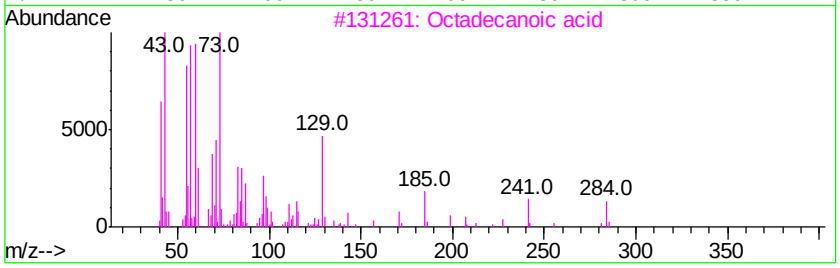
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.32 | 5.48 ng/ul | 278637 | Phenanthrene-d10 | 17.43 |

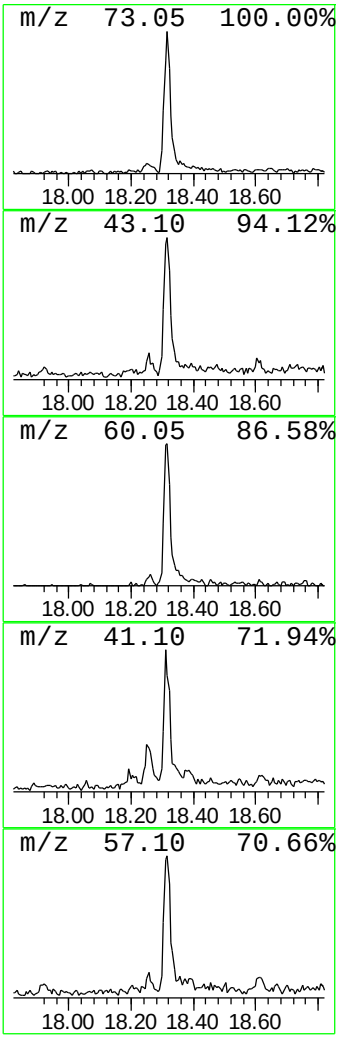
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 83 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 80 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 76 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047118.D
Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EW2B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

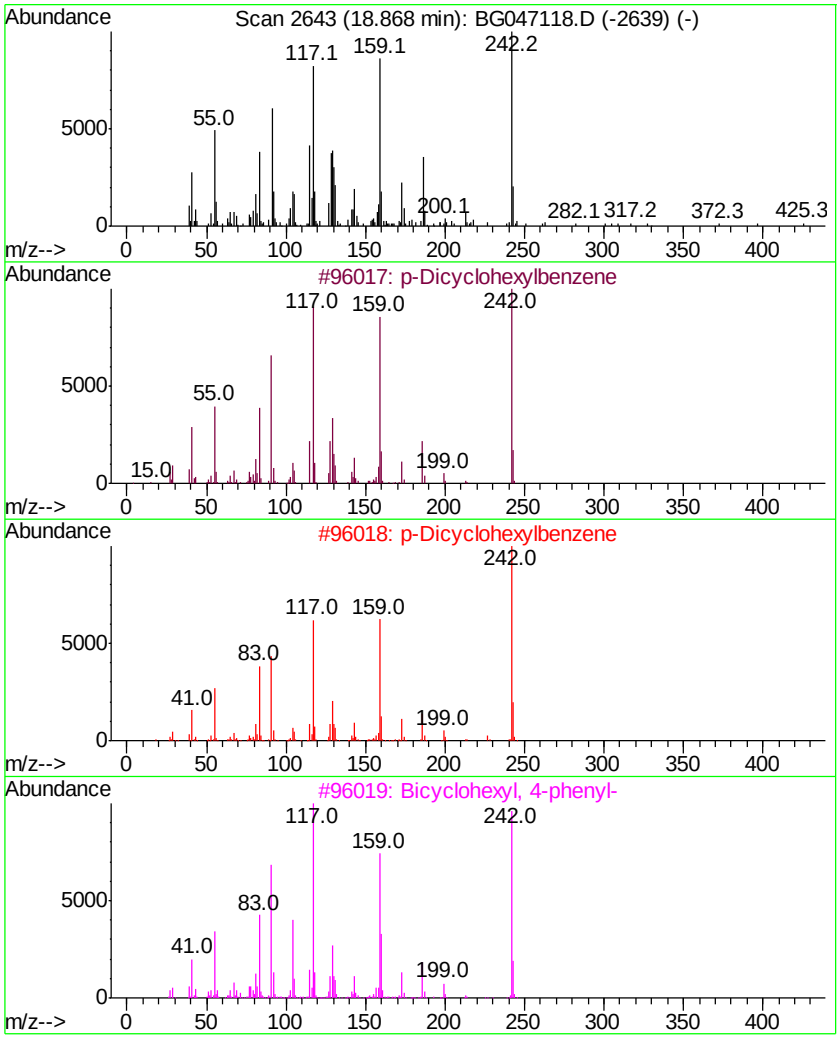
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

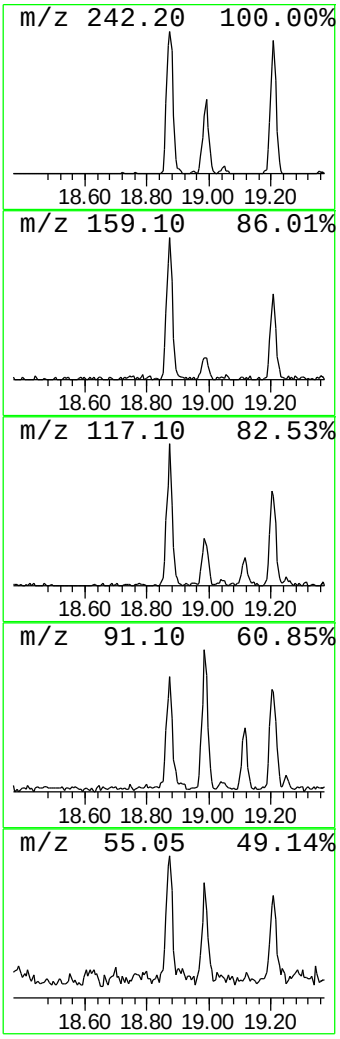
**********

Peak Number 4 p-Dicyclohexylbenzene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.87 | 4.50 ng/ul | 229010 | Phenanthrene-d10 | 17.43 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Dicyclohexylbenzene | 242 | C18H26 | 001087-02-1 | 96 |
| 2 | p-Dicyclohexylbenzene | 242 | C18H26 | 001087-02-1 | 83 |
| 3 | Bicyclohexyl, 4-phenyl- | 242 | C18H26 | 020273-27-2 | 76 |
| 4 | 1,1-Diethyl-1,2,3,4-tetrahydrona... | 188 | C14H20 | 002938-66-1 | 35 |
| 5 | 2-Naphthalenol, 5-amino- | 159 | C10H9NO | 000086-97-5 | 25 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047118.D
Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EW2B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

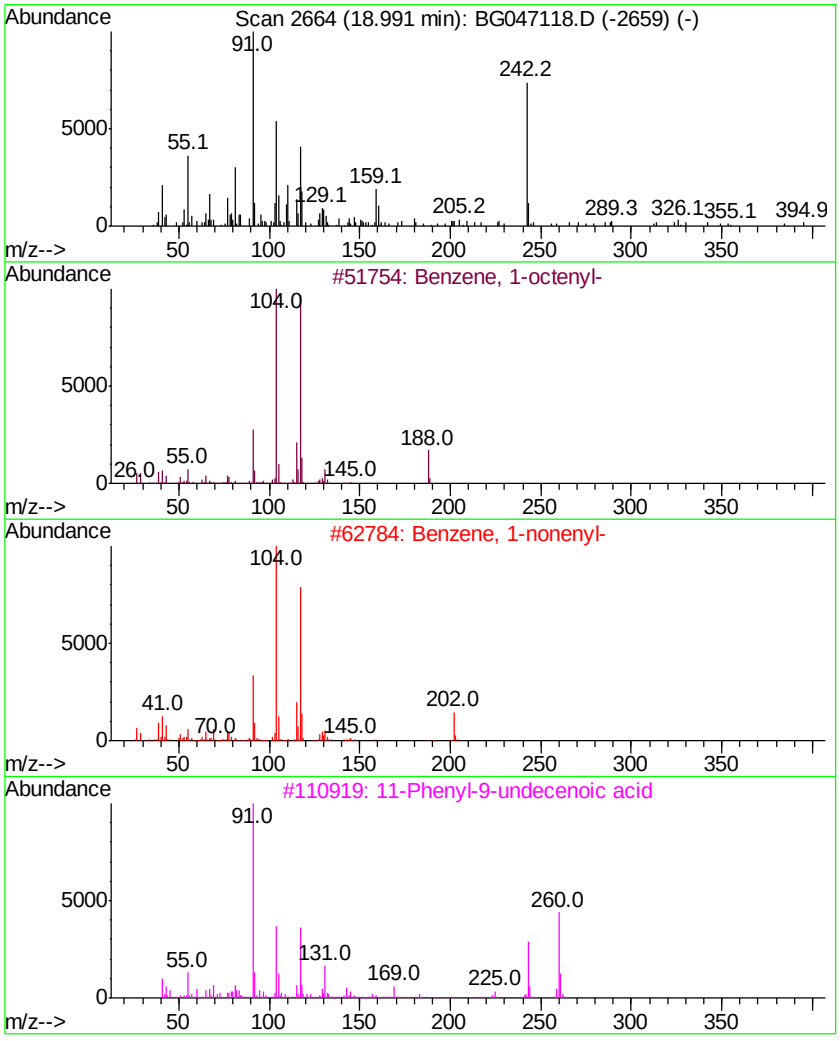
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

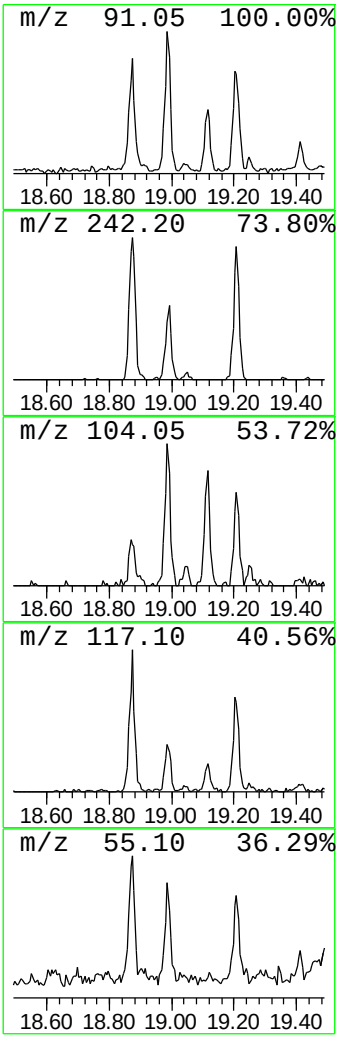
**********

Peak Number 5 unknown-01 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.99 | 2.34 ng/ul | 118884 | Phenanthrene-d10 | 17.43 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-octenyl- | 188 | C14H20 | 029518-72-7 | 38 |
| 2 | Benzene, 1-nonenyl- | 202 | C15H22 | 034426-61-4 | 38 |
| 3 | 11-Phenyl-9-undecenoic acid | 260 | C17H24O2 | 1000131-48-9 | 16 |
| 4 | Benzaldehyde, 2-hydroxy-6-methyl... | 242 | C15H14O3 | 034883-10-8 | 10 |
| 5 | 6-Dimethylaminomethyltricyclo[8.... | 281 | C19H23NO | 1000306-67-8 | 10 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047118.D
Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EW2B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

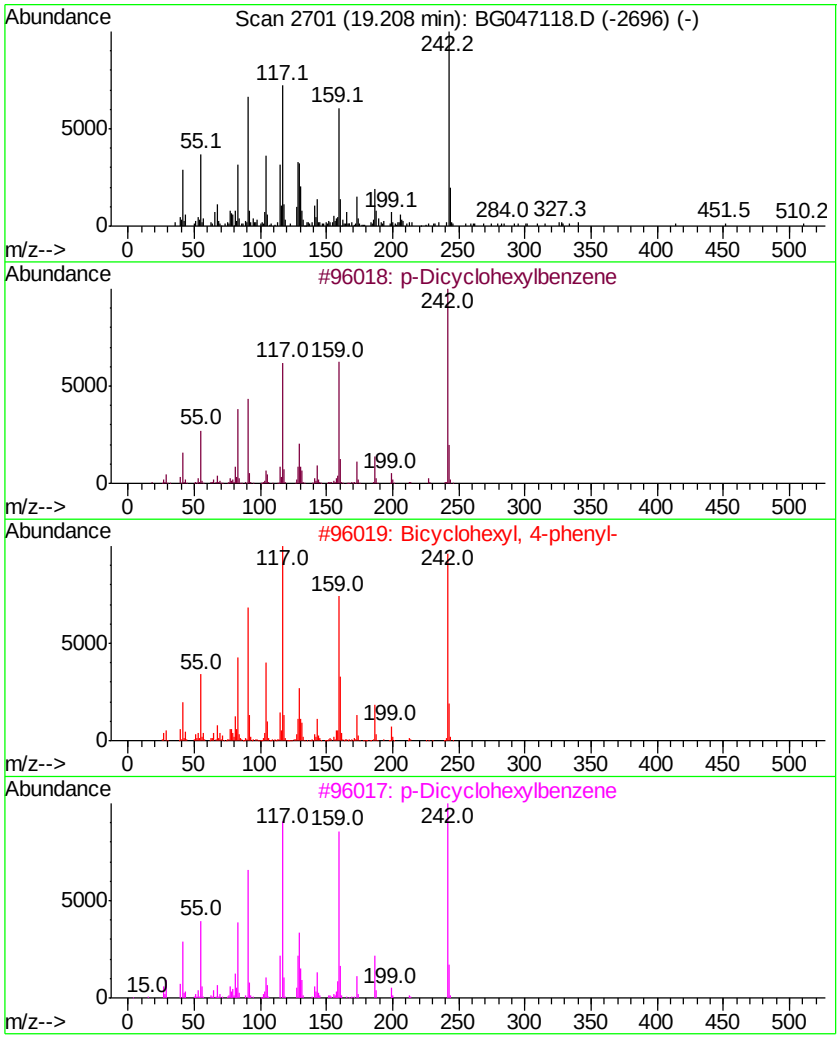
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

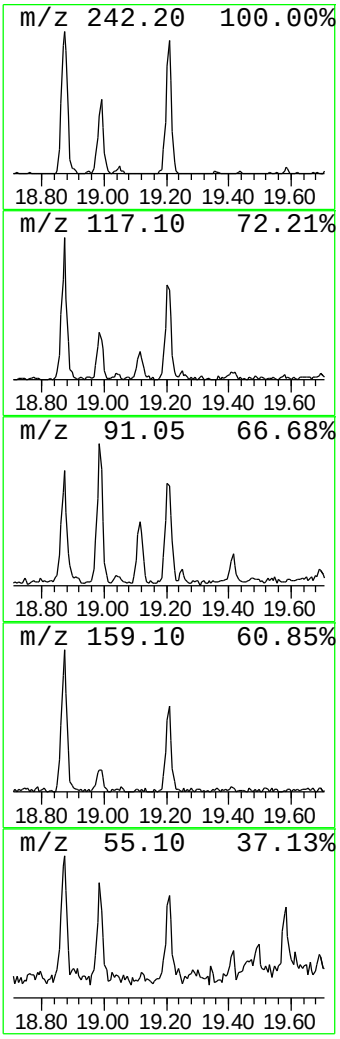
**********

Peak Number 6 Bicyclohexyl, 4-phenyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.21 | 3.55 ng/ul | 180483 | Phenanthrene-d10 | 17.43 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Dicyclohexylbenzene | 242 | C18H26 | 001087-02-1 | 96 |
| 2 | Bicyclohexyl, 4-phenyl- | 242 | C18H26 | 020273-27-2 | 93 |
| 3 | p-Dicyclohexylbenzene | 242 | C18H26 | 001087-02-1 | 91 |
| 4 | 9H-Tribenzo[a,c,e]cycloheptene | 242 | C19H14 | 000213-10-5 | 30 |
| 5 | 1,3-Diamino-5,6-dihydro-8-methox... | 242 | C13H14N4O | 037436-50-3 | 27 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047118.D
Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EW2B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

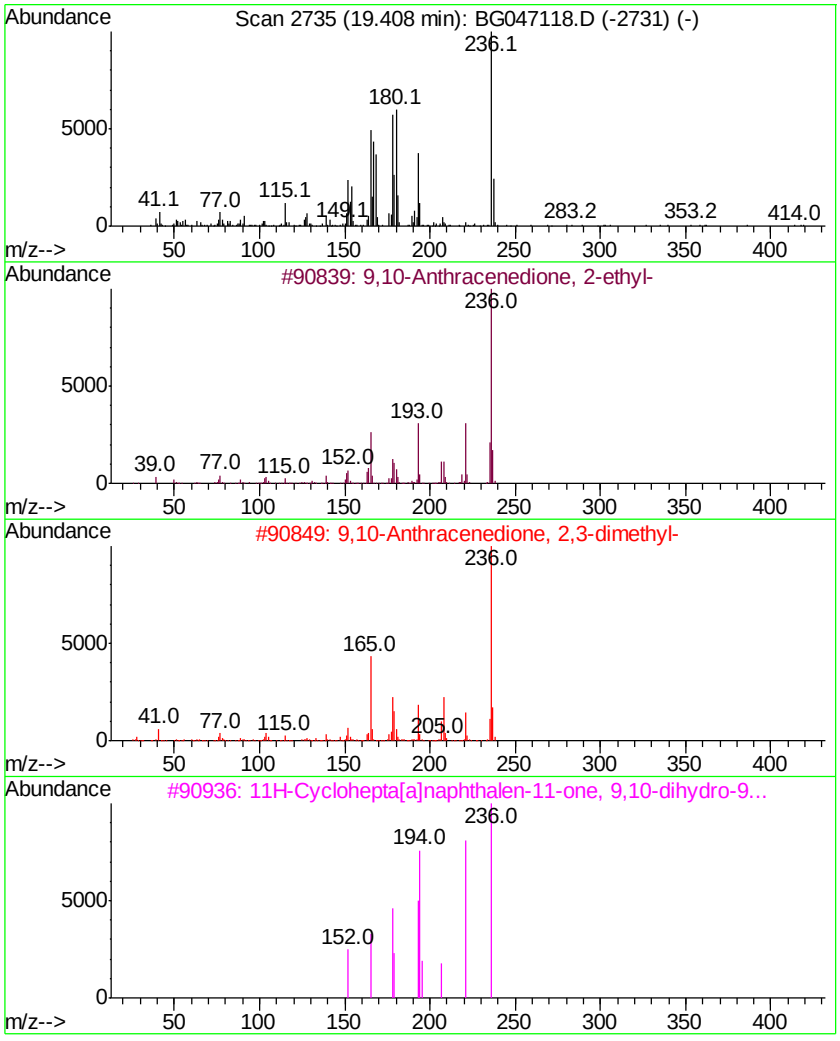
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

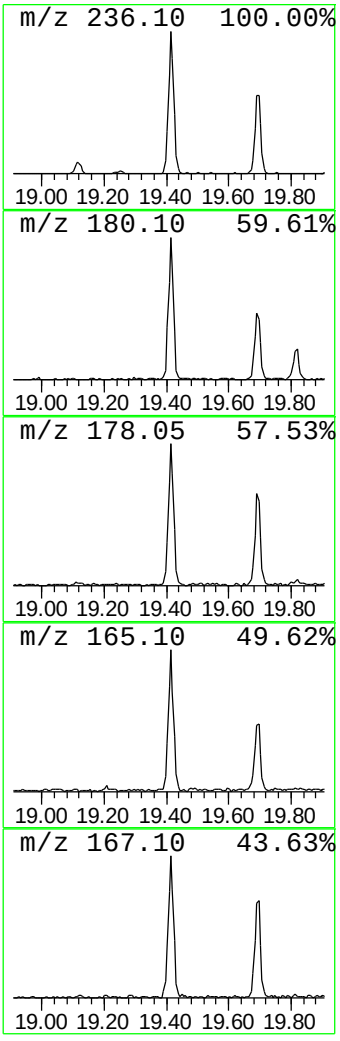
**********

Peak Number 7 unknown-02 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.41 | 8.76 ng/ul | 445517 | Phenanthrene-d10 | 17.43 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione, 2-ethyl- | 236 | C16H12O2 | 000084-51-5 | 46 |
| 2 | 9,10-Anthracenedione, 2,3-dimethyl- | 236 | C16H12O2 | 006531-35-7 | 38 |
| 3 | 11H-Cyclohepta[a]naphthalen-11-o... | 236 | C17H16O | 058111-76-5 | 38 |
| 4 | 9,10-Anthracenedione, 2-ethyl- | 236 | C16H12O2 | 000084-51-5 | 38 |
| 5 | 2,4-Diethoxy-5-methoxy-1-(2-prop... | 236 | C14H20O3 | 1000122-72-0 | 35 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047118.D
Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EW2B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

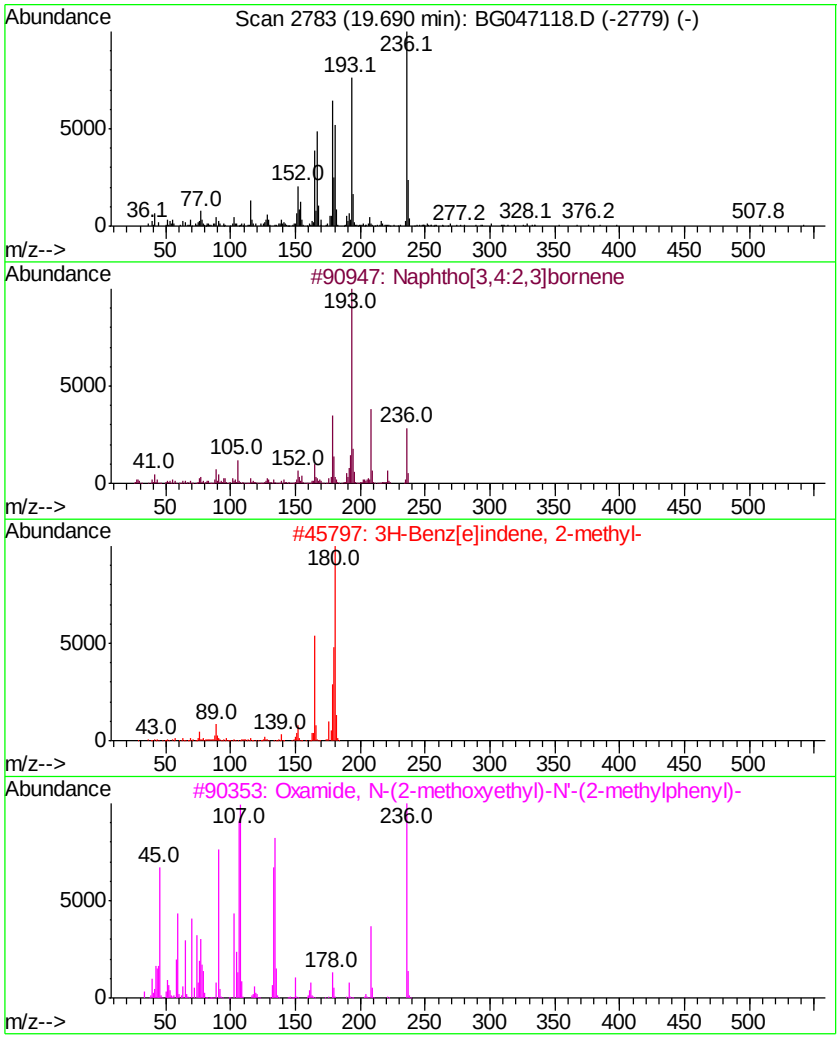
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

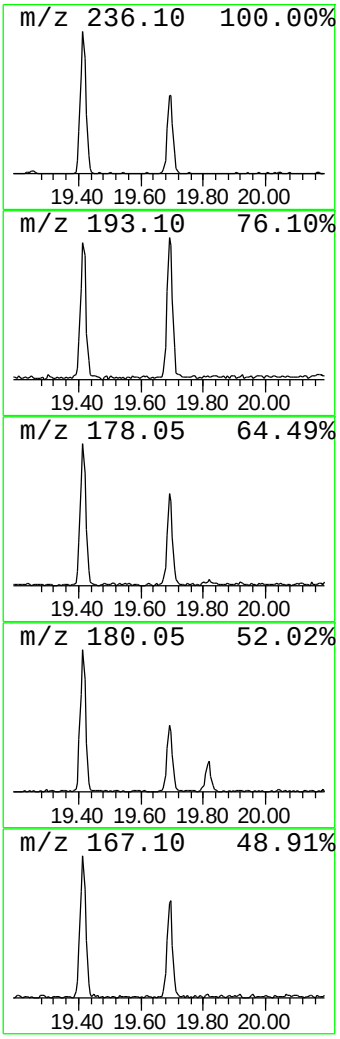
**********

Peak Number 8 Naphtho[3,4:2,3]bornene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.69 | 5.63 ng/ul | 266213 | Chrysene-d12 | 21.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphtho[3,4:2,3]bornene | 236 | C18H20 | 1000210-68-3 | 76 |
| 2 | 3H-Benz[e]indene, 2-methyl- | 180 | C14H12 | 150096-60-9 | 56 |
| 3 | Oxamide, N-(2-methoxyethyl)-N'-(... | 236 | C12H16N2O3 | 1000277-54-5 | 53 |
| 4 | Carbamazepine | 236 | C15H12N2O | 000298-46-4 | 43 |
| 5 | Ethylene, 1,1-diphenyl- | 180 | C14H12 | 000530-48-3 | 25 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047118.D
Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EW2B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

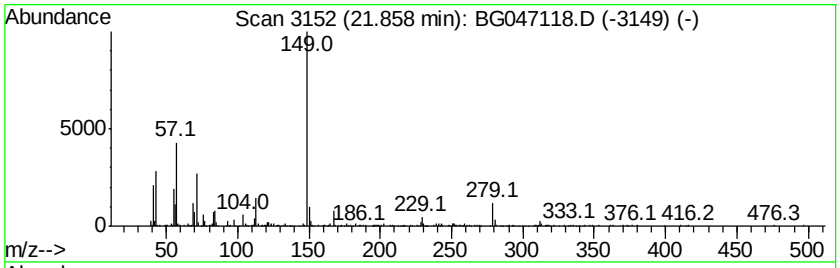
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

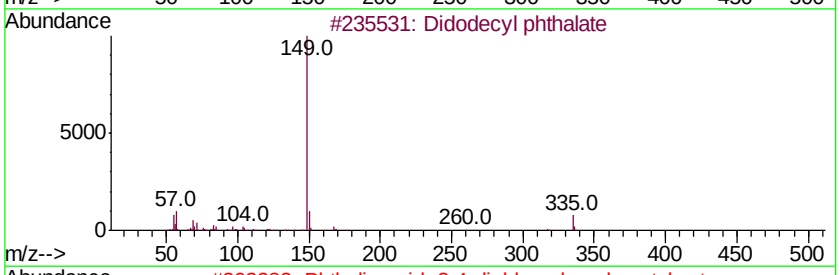
**********

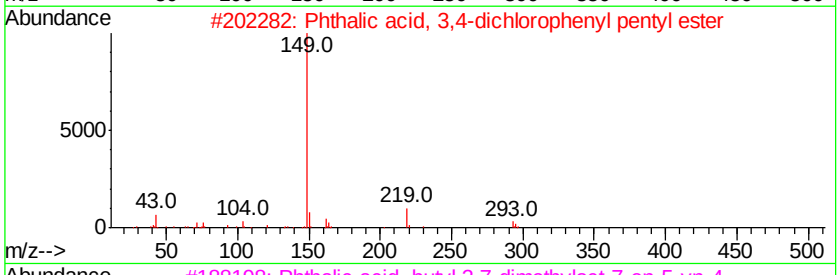
Peak Number 9 unknown-03 Concentration Rank 2

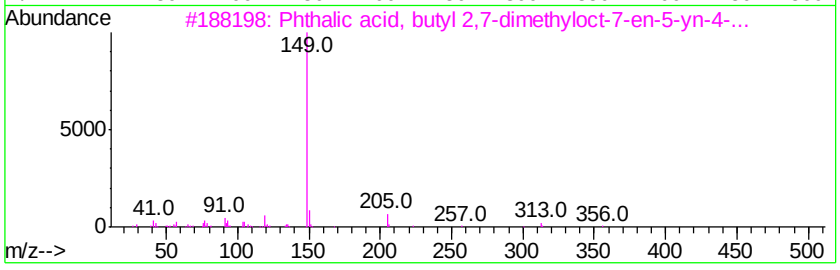
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.86 | 7.50 ng/ul | 354479 | Chrysene-d12 | 21.71 |

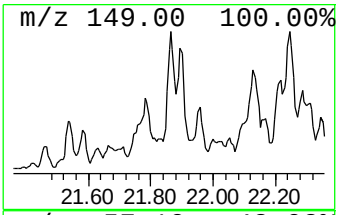
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Didodecyl phthalate | 502 | C32H54O4 | 002432-90-8 | 47 |
| 2 | Phthalic acid, 3,4-dichlorophenyl... | 380 | C19H18Cl2O4 | 1000315-27-4 | 47 |
| 3 | Phthalic acid, butyl 2,7-dimethyl... | 356 | C22H28O4 | 1000315-49-0 | 46 |
| 4 | Phthalic acid, ethyl pentyl ester | 264 | C15H20O4 | 1000308-93-6 | 46 |
| 5 | Diisooctyl phthalate | 390 | C24H38O4 | 000131-20-4 | 43 |

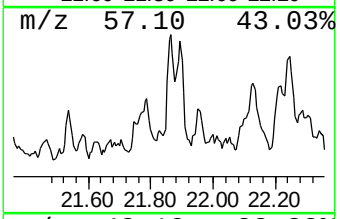


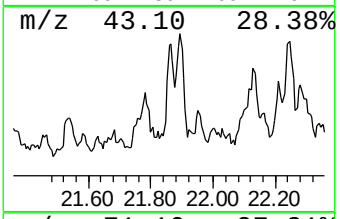



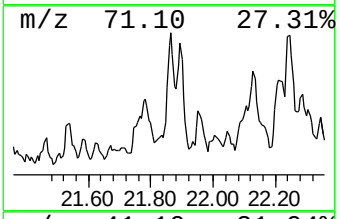



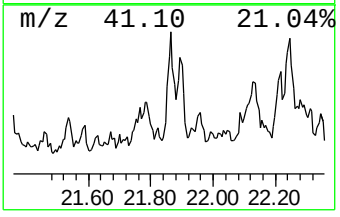



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102920\
Data File : BG047118.D
Acq On : 29 Oct 2020 13:43
Operator : CG/JU
Sample : L4499-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** EW2B7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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 |
| Methacrylamide | 4.00 | 2.9 | ng/ul | 54773 | 1 | 8.06 | 381563 | 20.0 |
| o-Terphenyl | 18.07 | 3.6 | ng/ul | 182385 | 4 | 17.43 | 1017350 | 20.0 |
| n-Hexadecanoic acid | 18.32 | 5.5 | ng/ul | 278637 | 4 | 17.43 | 1017350 | 20.0 |
| p-Dicyclohexylben... | 18.87 | 4.5 | ng/ul | 229010 | 4 | 17.43 | 1017350 | 20.0 |
| unknown-01 | 18.99 | 2.3 | ng/ul | 118884 | 4 | 17.43 | 1017350 | 20.0 |
| Bicyclohexyl, 4-p... | 19.21 | 3.5 | ng/ul | 180483 | 4 | 17.43 | 1017350 | 20.0 |
| unknown-02 | 19.41 | 8.8 | ng/ul | 445517 | 4 | 17.43 | 1017350 | 20.0 |
| Naphtho[3,4:2,3]b... | 19.69 | 5.6 | ng/ul | 266213 | 5 | 21.71 | 945278 | 20.0 |
| unknown-03 | 21.86 | 7.5 | ng/ul | 354479 | 5 | 21.71 | 945278 | 20.0 |