LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047364.D
Acq On : 19 Nov 2020 22:45
Operator : CG/JU
Sample : L4710-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AY3

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-BG111920MA.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 | 3.615 | 43 | 47 | 52 | rBV6 | 6363 | 11172 | 0.50% | 0.061% |
| 2 | 4.162 | 136 | 140 | 144 | rVB6 | 4408 | 7434 | 0.33% | 0.041% |
| 3 | 4.279 | 158 | 160 | 161 | rBV2 | 3658 | 3364 | 0.15% | 0.018% |
| 4 | 4.303 | 161 | 164 | 170 | rVB4 | 6762 | 10100 | 0.45% | 0.055% |
| 5 | 4.391 | 177 | 179 | 183 | rVB3 | 3220 | 3756 | 0.17% | 0.021% |
| 6 | 5.037 | 286 | 289 | 290 | rVB3 | 3622 | 3290 | 0.15% | 0.018% |
| 7 | 5.331 | 333 | 339 | 345 | rBV3 | 7463 | 13003 | 0.58% | 0.071% |
| 8 | 5.654 | 391 | 394 | 396 | rBV | 2757 | 3247 | 0.14% | 0.018% |
| 9 | 5.707 | 401 | 403 | 408 | rVB2 | 4103 | 5455 | 0.24% | 0.030% |
| 10 | 6.330 | 507 | 509 | 512 | rBV3 | 2547 | 3249 | 0.14% | 0.018% |
| 11 | 6.776 | 583 | 585 | 588 | rBV3 | 2632 | 3137 | 0.14% | 0.017% |
| 12 | 6.835 | 591 | 595 | 599 | rVB | 2209 | 3573 | 0.16% | 0.020% |
| 13 | 6.923 | 608 | 610 | 613 | rVB2 | 2957 | 3264 | 0.15% | 0.018% |
| 14 | 7.399 | 684 | 691 | 701 | rVB | 147464 | 265615 | 11.82% | 1.455% |
| 15 | 7.587 | 716 | 723 | 731 | rVB | 88017 | 155741 | 6.93% | 0.853% |
| 16 | 7.798 | 753 | 759 | 765 | rVB | 141986 | 238840 | 10.63% | 1.308% |
| 17 | 8.274 | 834 | 840 | 848 | rBV | 196788 | 339705 | 15.11% | 1.860% |
| 18 | 8.962 | 951 | 957 | 967 | rVB | 163813 | 289021 | 12.86% | 1.583% |
| 19 | 9.097 | 977 | 980 | 982 | rBV2 | 4921 | 5210 | 0.23% | 0.029% |
| 20 | 9.173 | 989 | 993 | 996 | rBV3 | 3514 | 4299 | 0.19% | 0.024% |
| 21 | 9.438 | 1031 | 1038 | 1046 | rVB2 | 131340 | 242539 | 10.79% | 1.328% |
| 22 | 9.602 | 1061 | 1066 | 1068 | rBV2 | 2723 | 4250 | 0.19% | 0.023% |
| 23 | 9.679 | 1076 | 1079 | 1082 | rVV2 | 2626 | 3872 | 0.17% | 0.021% |
| 24 | 9.714 | 1082 | 1085 | 1088 | rVB2 | 3705 | 4742 | 0.21% | 0.026% |
| 25 | 9.861 | 1105 | 1110 | 1113 | rBV4 | 6125 | 7621 | 0.34% | 0.042% |
| 26 | 10.113 | 1147 | 1153 | 1156 | rBV | 2723 | 5368 | 0.24% | 0.029% |
| 27 | 10.166 | 1156 | 1162 | 1169 | rVB2 | 123961 | 211548 | 9.41% | 1.159% |
| 28 | 10.307 | 1183 | 1186 | 1189 | rBV2 | 2580 | 3733 | 0.17% | 0.020% |
| 29 | 10.707 | 1246 | 1254 | 1263 | rBV | 193457 | 350148 | 15.58% | 1.918% |
| 30 | 10.865 | 1275 | 1281 | 1282 | rBV | 2383 | 3397 | 0.15% | 0.019% |
| 31 | 11.100 | 1313 | 1321 | 1329 | rBV | 252064 | 450463 | 20.04% | 2.467% |
| 32 | 11.224 | 1335 | 1342 | 1350 | rVB2 | 92444 | 174689 | 7.77% | 0.957% |
| 33 | 11.594 | 1400 | 1405 | 1407 | rBV | 2070 | 3088 | 0.14% | 0.017% |
| 34 | 12.663 | 1585 | 1587 | 1590 | rVB3 | 3677 | 3835 | 0.17% | 0.021% |

LSC Area Percent Report

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Acq On : 19 Nov 2020 22:45
Operator : CG/JU
Sample : L4710-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AY3

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-BG111920MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 12.728 | 1595 | 1598 | 1602 | rBV2 | 2668 | 4319 | 0.19% | 0.024% |
| 36 | 12.939 | 1633 | 1634 | 1640 | rVB3 | 3780 | 4899 | 0.22% | 0.027% |
| 37 | 13.492 | 1725 | 1728 | 1733 | rBV2 | 4669 | 5731 | 0.25% | 0.031% |
| 38 | 13.556 | 1736 | 1739 | 1742 | rBV | 2499 | 3707 | 0.16% | 0.020% |
| 39 | 13.715 | 1762 | 1766 | 1771 | rVB4 | 5480 | 9165 | 0.41% | 0.050% |
| 40 | 13.762 | 1771 | 1774 | 1782 | rBV4 | 7629 | 14062 | 0.63% | 0.077% |
| 41 | 14.279 | 1855 | 1862 | 1866 | rBV | 327821 | 492805 | 21.93% | 2.699% |
| 42 | 14.320 | 1866 | 1869 | 1879 | rVB | 178445 | 261337 | 11.63% | 1.431% |
| 43 | 14.514 | 1900 | 1902 | 1906 | rBV2 | 4518 | 4512 | 0.20% | 0.025% |
| 44 | 14.579 | 1906 | 1913 | 1921 | rVB | 334113 | 546226 | 24.30% | 2.991% |
| 45 | 14.884 | 1957 | 1965 | 1972 | rBV | 388242 | 636241 | 28.31% | 3.484% |
| 46 | 15.031 | 1984 | 1990 | 1996 | rBV2 | 150514 | 244805 | 10.89% | 1.341% |
| 47 | 15.202 | 2017 | 2019 | 2022 | rVB3 | 4719 | 4515 | 0.20% | 0.025% |
| 48 | 15.272 | 2026 | 2031 | 2036 | rBV5 | 6143 | 12195 | 0.54% | 0.067% |
| 49 | 15.489 | 2063 | 2068 | 2070 | rBV | 3035 | 5003 | 0.22% | 0.027% |
| 50 | 15.672 | 2095 | 2099 | 2103 | rBV5 | 4968 | 10601 | 0.47% | 0.058% |
| 51 | 15.713 | 2104 | 2106 | 2111 | rVB3 | 4778 | 5685 | 0.25% | 0.031% |
| 52 | 15.865 | 2126 | 2132 | 2144 | rBV | 439520 | 675484 | 30.05% | 3.699% |
| 53 | 15.965 | 2144 | 2149 | 2160 | rVB2 | 109232 | 173092 | 7.70% | 0.948% |
| 54 | 16.106 | 2166 | 2173 | 2177 | rBV7 | 8218 | 17454 | 0.78% | 0.096% |
| 55 | 16.529 | 2244 | 2245 | 2249 | rVB4 | 5402 | 5056 | 0.22% | 0.028% |
| 56 | 16.565 | 2249 | 2251 | 2255 | rBV4 | 3764 | 4330 | 0.19% | 0.024% |
| 57 | 16.647 | 2260 | 2265 | 2267 | rBV4 | 4001 | 5391 | 0.24% | 0.030% |
| 58 | 16.853 | 2294 | 2300 | 2305 | rVB4 | 12240 | 20586 | 0.92% | 0.113% |
| 59 | 16.894 | 2305 | 2307 | 2309 | rBV3 | 4115 | 4032 | 0.18% | 0.022% |
| 60 | 17.076 | 2335 | 2338 | 2341 | rBV5 | 5983 | 6849 | 0.30% | 0.038% |
| 61 | 17.140 | 2345 | 2349 | 2356 | rBV7 | 6226 | 9223 | 0.41% | 0.051% |
| 62 | 17.264 | 2366 | 2370 | 2372 | rBV4 | 3385 | 4443 | 0.20% | 0.024% |
| 63 | 17.328 | 2378 | 2381 | 2384 | rBV3 | 3526 | 4768 | 0.21% | 0.026% |
| 64 | 17.411 | 2390 | 2395 | 2398 | rBV5 | 6862 | 12395 | 0.55% | 0.068% |
| 65 | 17.516 | 2411 | 2413 | 2416 | rVB4 | 4802 | 3777 | 0.17% | 0.021% |
| 66 | 17.616 | 2424 | 2430 | 2436 | rBV | 519595 | 800363 | 35.61% | 4.383% |
| 67 | 17.657 | 2436 | 2437 | 2441 | rVV2 | 37862 | 34898 | 1.55% | 0.191% |
| 68 | 17.716 | 2441 | 2447 | 2460 | rVB | 475755 | 738326 | 32.85% | 4.043% |
| 69 | 17.875 | 2472 | 2474 | 2479 | rVB5 | 4394 | 8169 | 0.36% | 0.045% |
| 70 | 17.910 | 2479 | 2480 | 2482 | rBV2 | 5386 | 3811 | 0.17% | 0.021% |
| 71 | 17.939 | 2484 | 2485 | 2487 | rBV2 | 6015 | 4367 | 0.19% | 0.024% |

LSC Area Percent Report

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Operator : CG/JU
Sample : L4710-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AY3

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-BG111920MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 18.186 | 2523 | 2527 | 2532 | rBV3 | 52644 | 75449 | 3.36% | 0.413% |
| 73 | 18.257 | 2535 | 2539 | 2543 | rVB6 | 12636 | 19602 | 0.87% | 0.107% |
| 74 | 18.363 | 2553 | 2557 | 2558 | rBV4 | 5625 | 7148 | 0.32% | 0.039% |
| 75 | 18.439 | 2568 | 2570 | 2573 | rBV3 | 4970 | 5757 | 0.26% | 0.032% |
| 76 | 18.486 | 2573 | 2578 | 2584 | rBV3 | 196213 | 313861 | 13.96% | 1.719% |
| 77 | 18.880 | 2639 | 2645 | 2654 | rBV3 | 1168177 | 2247610 | 100.00% | 12.309% |
| 78 | 18.950 | 2654 | 2657 | 2661 | rVV6 | 49581 | 73406 | 3.27% | 0.402% |
| 79 | 19.009 | 2662 | 2667 | 2675 | rVB4 | 98770 | 166524 | 7.41% | 0.912% |
| 80 | 19.162 | 2690 | 2693 | 2697 | rVB5 | 26961 | 32302 | 1.44% | 0.177% |
| 81 | 19.261 | 2705 | 2710 | 2716 | rBV2 | 87123 | 155399 | 6.91% | 0.851% |
| 82 | 19.355 | 2721 | 2726 | 2730 | rBV3 | 106461 | 150251 | 6.68% | 0.823% |
| 83 | 19.408 | 2732 | 2735 | 2741 | rVB6 | 44446 | 62801 | 2.79% | 0.344% |
| 84 | 19.497 | 2745 | 2750 | 2755 | rBV3 | 146170 | 214950 | 9.56% | 1.177% |
| 85 | 19.585 | 2761 | 2765 | 2772 | rBV6 | 145093 | 288606 | 12.84% | 1.581% |
| 86 | 19.649 | 2772 | 2776 | 2779 | rVV | 91764 | 125242 | 5.57% | 0.686% |
| 87 | 19.685 | 2779 | 2782 | 2787 | rVB5 | 96490 | 129102 | 5.74% | 0.707% |
| 88 | 19.761 | 2788 | 2795 | 2797 | rBV5 | 151075 | 315012 | 14.02% | 1.725% |
| 89 | 19.796 | 2797 | 2801 | 2807 | rVB | 811469 | 1150286 | 51.18% | 6.299% |
| 90 | 19.855 | 2807 | 2811 | 2813 | rBV5 | 19035 | 29946 | 1.33% | 0.164% |
| 91 | 19.955 | 2822 | 2828 | 2831 | rBV2 | 1090541 | 1726839 | 76.83% | 9.457% |
| 92 | 20.090 | 2847 | 2851 | 2858 | rVB5 | 137208 | 200980 | 8.94% | 1.101% |
| 93 | 20.548 | 2925 | 2929 | 2935 | rBV9 | 28320 | 50142 | 2.23% | 0.275% |
| 94 | 20.707 | 2953 | 2956 | 2961 | rBV7 | 51794 | 70585 | 3.14% | 0.387% |
| 95 | 20.924 | 2988 | 2993 | 3000 | rVB2 | 330513 | 458342 | 20.39% | 2.510% |
| 96 | 21.518 | 3089 | 3094 | 3103 | rBV3 | 159758 | 250203 | 11.13% | 1.370% |
| 97 | 21.776 | 3136 | 3138 | 3142 | rVB | 47193 | 52571 | 2.34% | 0.288% |
| 98 | 21.900 | 3152 | 3159 | 3165 | rBV2 | 453646 | 807366 | 35.92% | 4.422% |
| 99 | 25.061 | 3690 | 3697 | 3707 | rVB | 238408 | 684563 | 30.46% | 3.749% |
| 100 | 25.301 | 3729 | 3738 | 3747 | rBV | 234790 | 750753 | 33.40% | 4.111% |

Sum of corrected areas: 18259988

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
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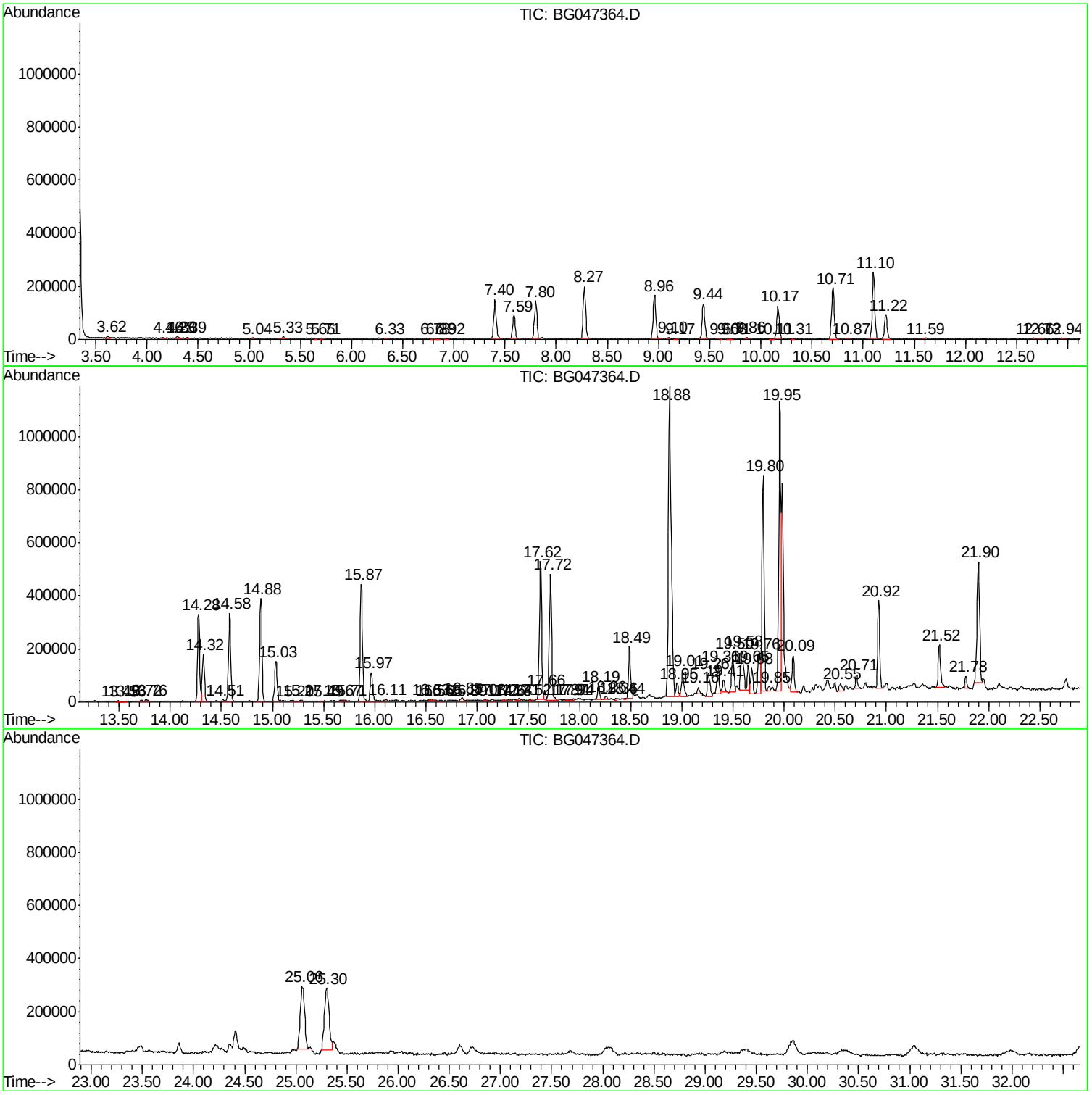
Sample : L4710-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0AY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.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\BG111920\
Data File : BG047364.D
Acq On : 19 Nov 2020 22:45
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Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

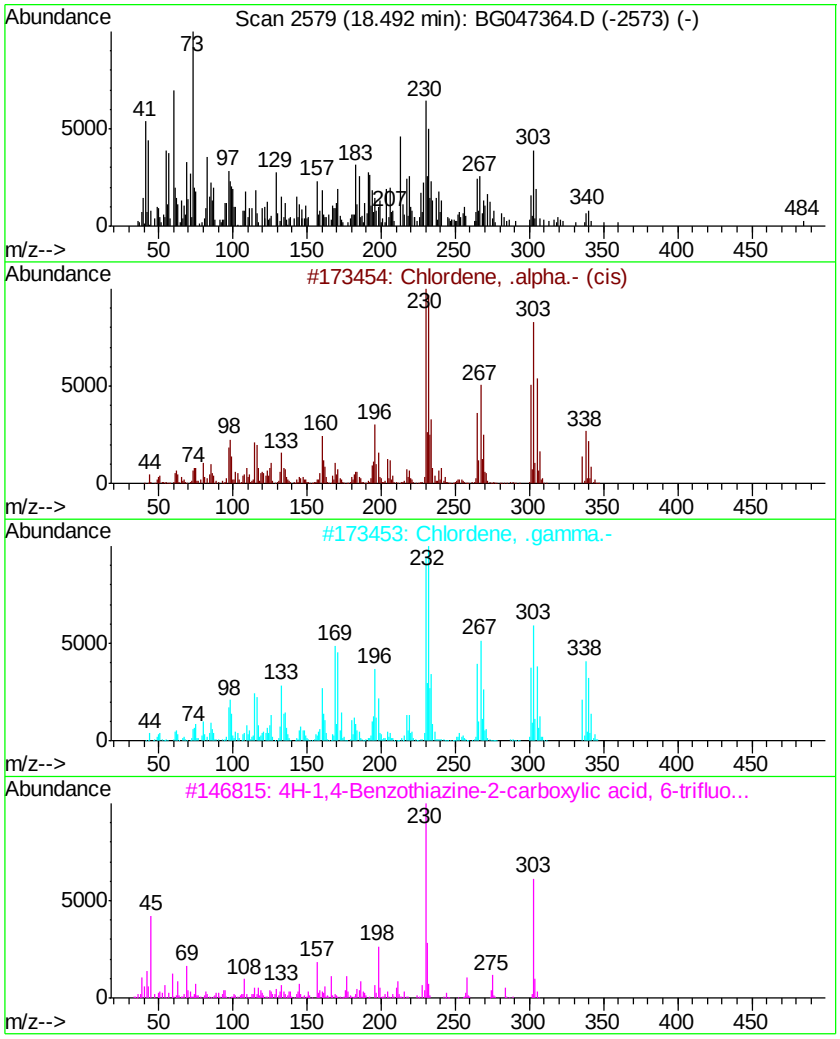
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

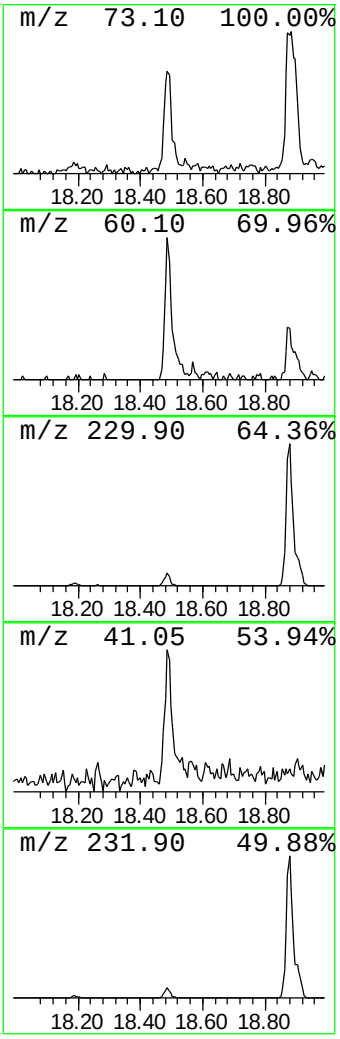
**********

Peak Number 1 Chlordene, .alpha.- (cis) Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.49 | 7.84 ng/ul | 313861 | Phenanthrene-d10 | 17.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Chlordene, .alpha.- (cis) | 336 | C10H6Cl6 | 1000378-50-5 | 86 |
| 2 | Chlordene, .gamma.- | 336 | C10H6Cl6 | 1000378-50-6 | 38 |
| 3 | 4H-1,4-Benzothiazine-2-carboxyli... | 303 | C13H12F3NO2S | 101767-70-8 | 38 |
| 4 | Benzaldehyde, 3-bromo-4-hydroxy-... | 230 | C8H7BrO3 | 002973-76-4 | 38 |
| 5 | Phenol, 2-(3,5-dichlorophenylimi... | 265 | C13H9Cl2NO | 303769-52-0 | 35 |



Library Search Compound Report

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Data File : BG047364.D
Acq On : 19 Nov 2020 22:45
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Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

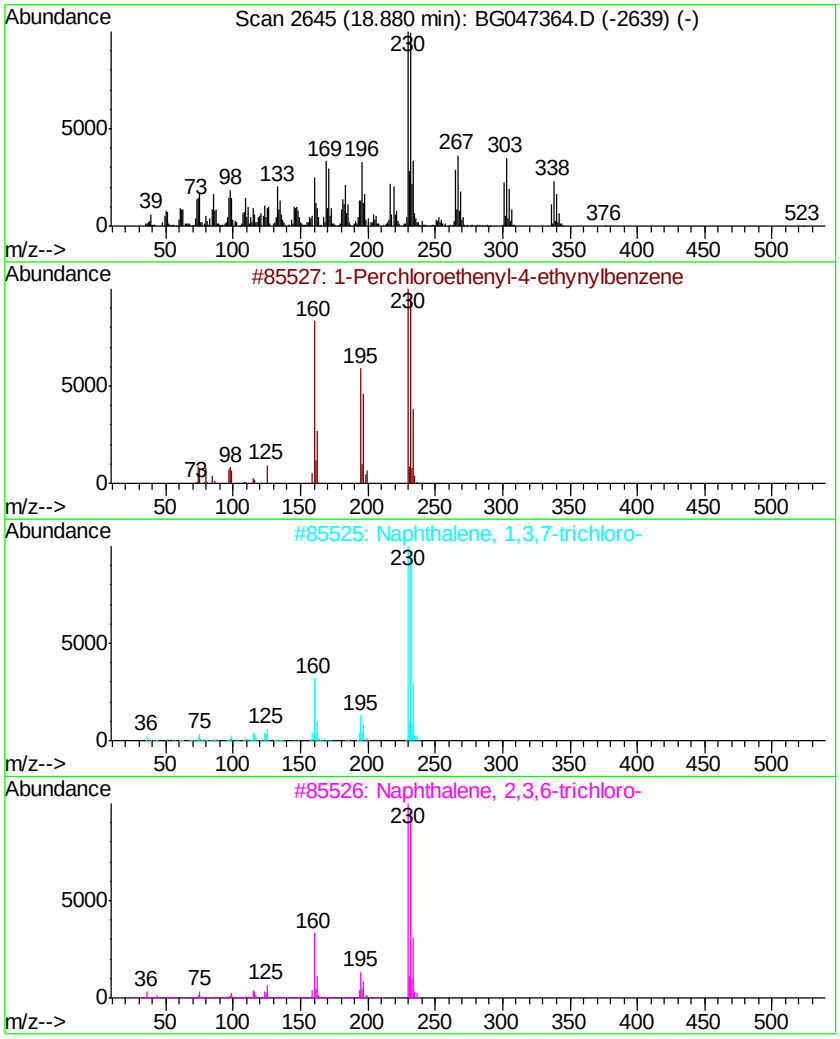
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

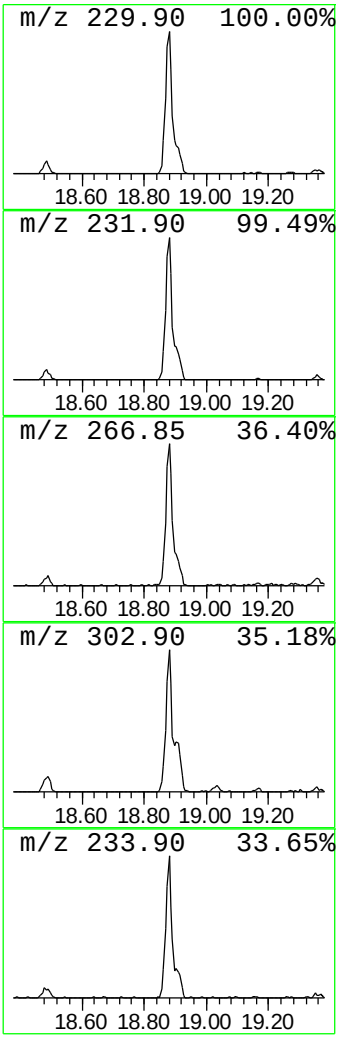
**********

Peak Number 2 1-Perchloroethenyl-4-ethyny... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.88 | 56.16 ng/ul | 2247610 | Phenanthrene-d10 | 17.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Perchloroethenyl-4-ethynylbenzene | 230 | C10H5Cl3 | 1000283-76-9 | 91 |
| 2 | Naphthalene, 1,3,7-trichloro- | 230 | C10H5Cl3 | 055720-37-1 | 91 |
| 3 | Naphthalene, 2,3,6-trichloro- | 230 | C10H5Cl3 | 055720-40-6 | 90 |
| 4 | Chlordene, .alpha.- (cis) | 336 | C10H6Cl6 | 1000378-50-5 | 68 |
| 5 | Chlordene, .gamma.- | 336 | C10H6Cl6 | 1000378-50-6 | 58 |



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Sample : L4710-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

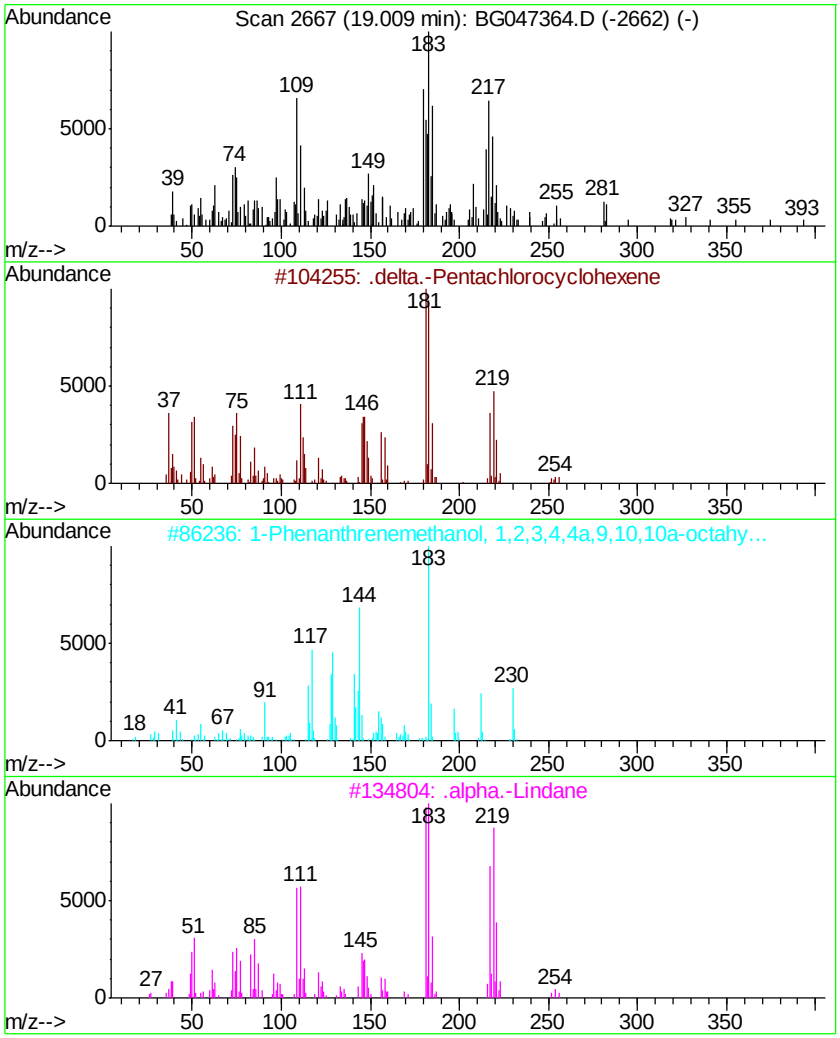
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

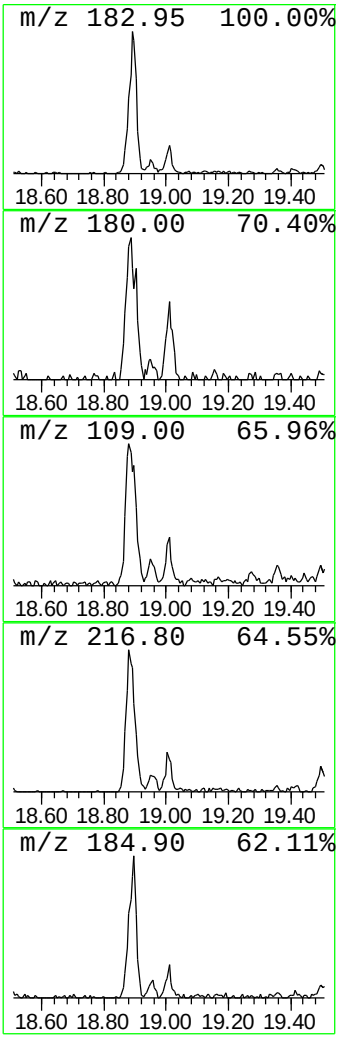
**********

Peak Number 3 unknown-01 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.01 | 4.16 ng/ul | 166524 | Phenanthrene-d10 | 17.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .delta.-Pentachlorocyclohexene | 252 | C6H5Cl5 | 000643-15-2 | 30 |
| 2 | 1-Phenanthrenemethanol, 1,2,3,4,... | 230 | C16H22O | 057378-57-1 | 25 |
| 3 | .alpha.-Lindane | 288 | C6H6Cl6 | 000319-84-6 | 25 |
| 4 | .alpha.-Lindane | 288 | C6H6Cl6 | 000319-84-6 | 22 |
| 5 | 2-Methyl-5-p-tolylpyridine | 183 | C13H13N | 030456-56-5 | 22 |



Library Search Compound Report

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**Instrument :** BNA_G
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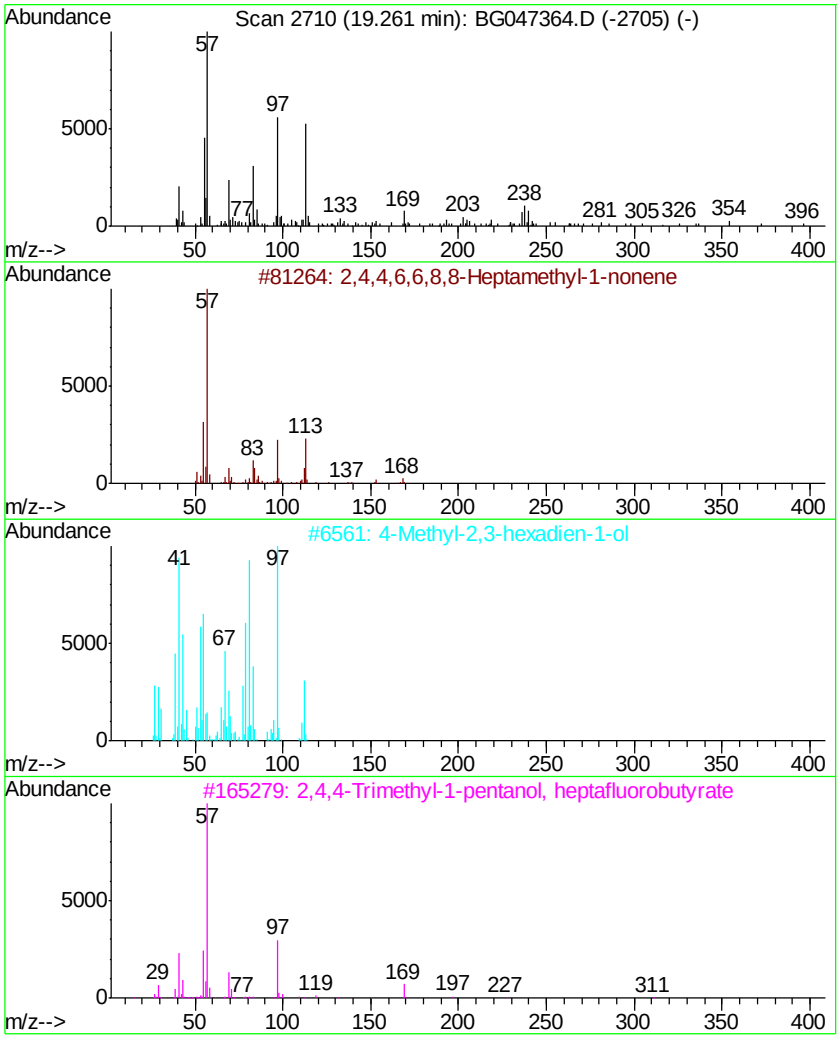
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

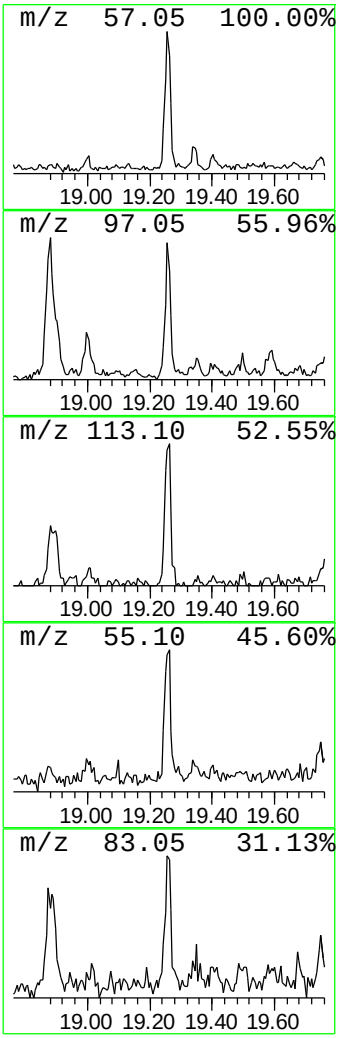
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.26 | 3.88 ng/ul | 155399 | Phenanthrene-d10 | 17.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4,4,6,6,8,8-Heptamethyl-1-nonene | 224 | C16H32 | 015796-04-0 | 64 |
| 2 | 4-Methyl-2,3-hexadien-1-ol | 112 | C7H12O | 1000196-09-6 | 27 |
| 3 | 2,4,4-Trimethyl-1-pentanol, hept... | 326 | C12H17F7O2 | 1000365-01-4 | 27 |
| 4 | Methyl-3,4-O-furylidene.beta.l-a... | 242 | C11H14O6 | 053547-58-3 | 22 |
| 5 | 2,5-Pyrrolidinedione, 1-methyl- | 113 | C5H7NO2 | 001121-07-9 | 22 |



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Acq On : 19 Nov 2020 22:45
Operator : CG/JU
Sample : L4710-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

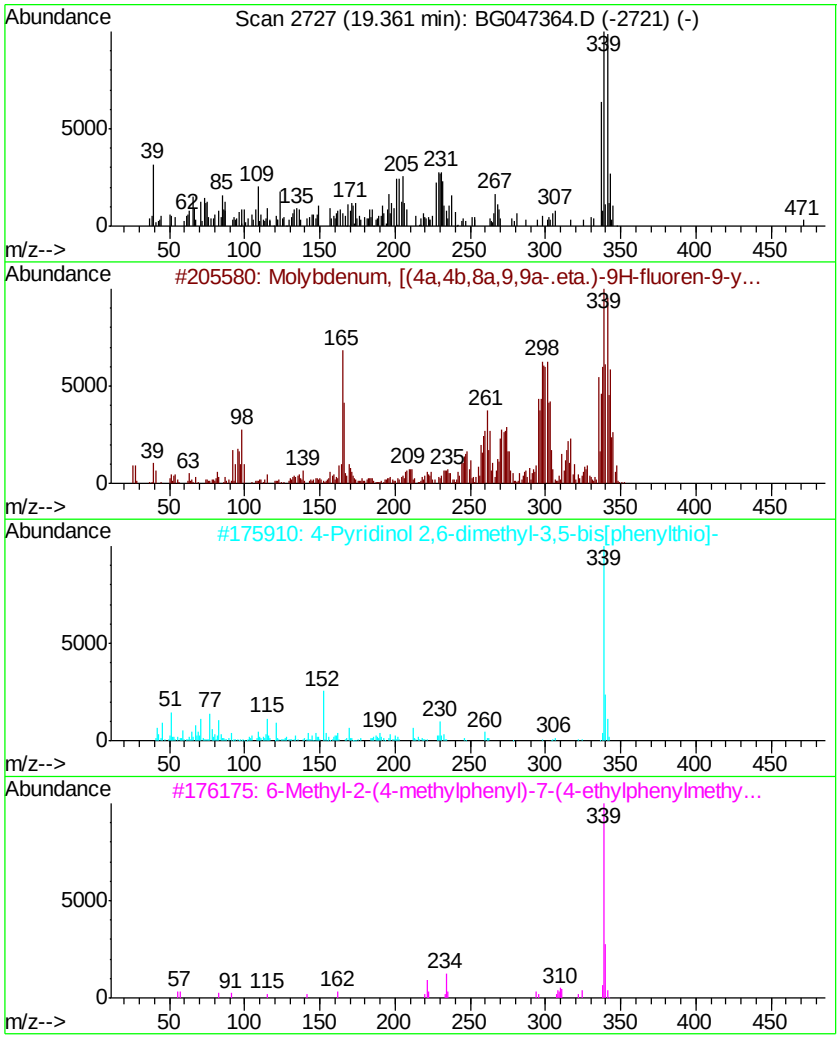
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

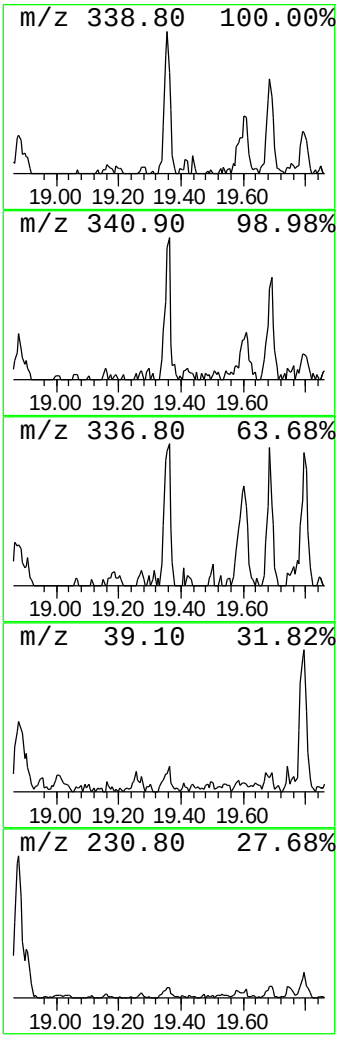
**********

Peak Number 5 unknown-02 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.36 | 3.75 ng/ul | 150251 | Phenanthrene-d10 | 17.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Molybdenum, [(4a,4b,8a,9,9a-.eta... | 386 | C22H24Mo | 125312-19-8 | 30 |
| 2 | 4-Pyridinol 2,6-dimethyl-3,5-bis... | 339 | C19H17NOS2 | 1000252-21-8 | 25 |
| 3 | 6-Methyl-2-(4-methylphenyl)-7-(4... | 339 | C25H25N | 080193-45-9 | 14 |
| 4 | 1-Ethyl-1-hexadecyloxy-1-silacyc... | 368 | C23H48OSi | 1000279-38-6 | 14 |
| 5 | Butanamide, N-(1-naphthyl)-2,2,3... | 339 | C14H8F7NO | 1000307-28-3 | 14 |



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Data File : BG047364.D
Acq On : 19 Nov 2020 22:45
Operator : CG/JU
Sample : L4710-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

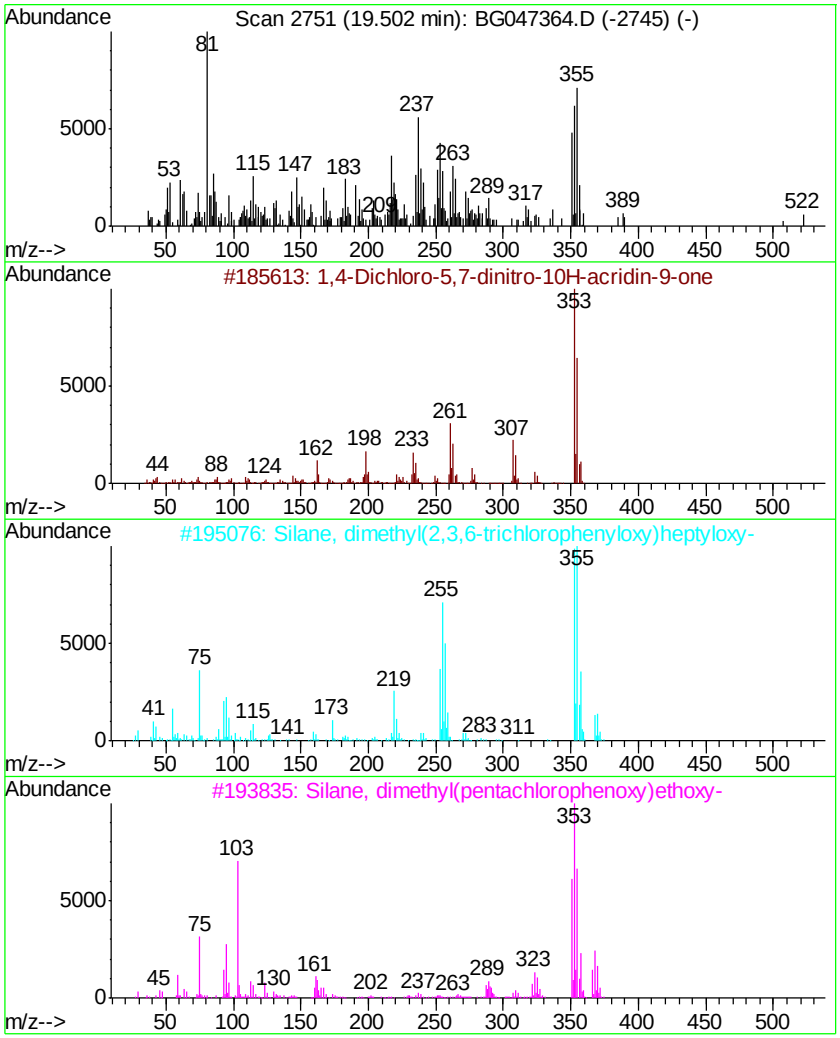
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

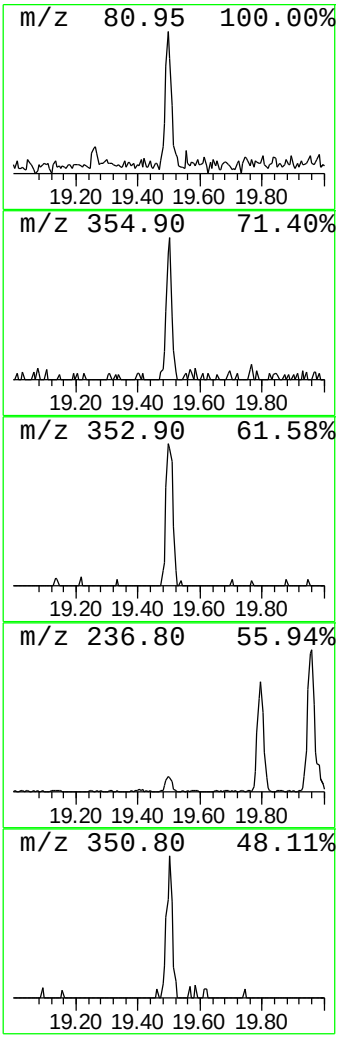
**********

Peak Number 6 unknown-03 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.50 | 5.37 ng/ul | 214950 | Phenanthrene-d10 | 17.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Dichloro-5,7-dinitro-10H-acr... | 353 | C13H5Cl2N3O5 | 148877-13-8 | 18 |
| 2 | Silane, dimethyl(2,3,6-trichloro... | 368 | C15H23Cl3O2Si | 1000346-82-6 | 14 |
| 3 | Silane, dimethyl(pentachlorophen... | 366 | C10H11Cl5O2Si | 1000347-47-6 | 14 |
| 4 | Nickel(II), [O-methyl-N(1),N(4)-... | 353 | C16H13N3NiO3 | 1000164-81-5 | 11 |
| 5 | Silane, diethylisohexyloxy(2,4,5... | 382 | C16H25Cl3O2Si | 1000363-35-3 | 10 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047364.D
Acq On : 19 Nov 2020 22:45
Operator : CG/JU
Sample : L4710-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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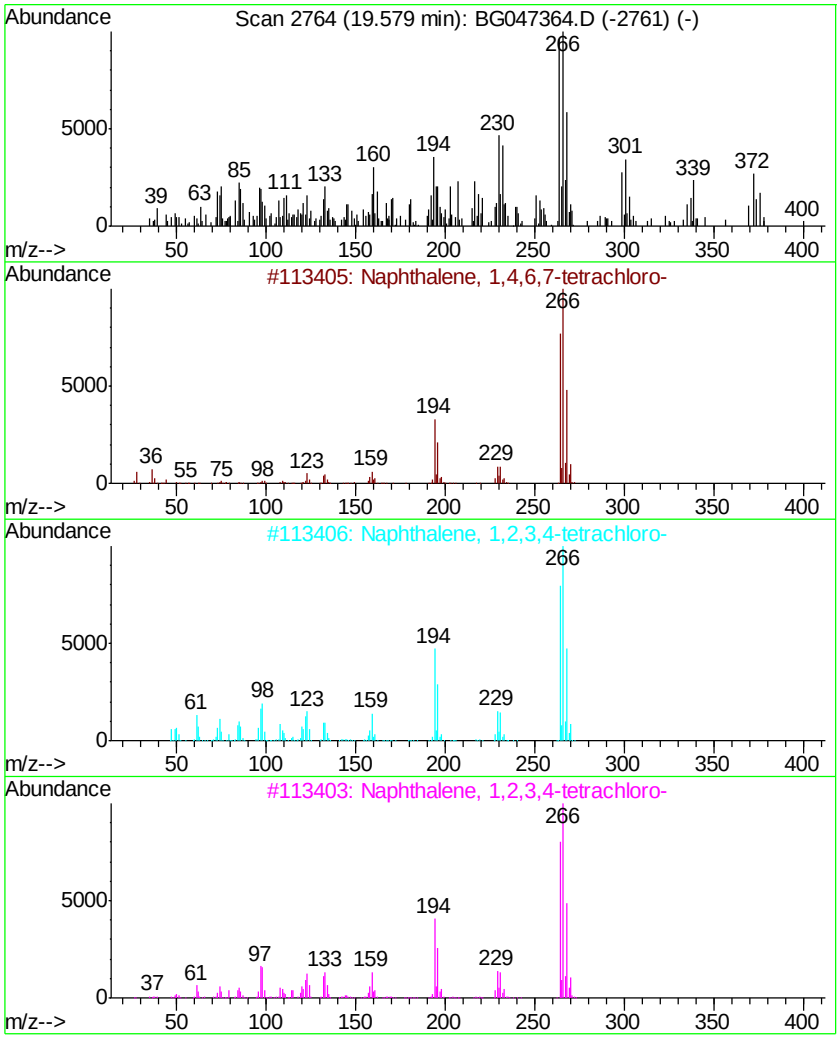
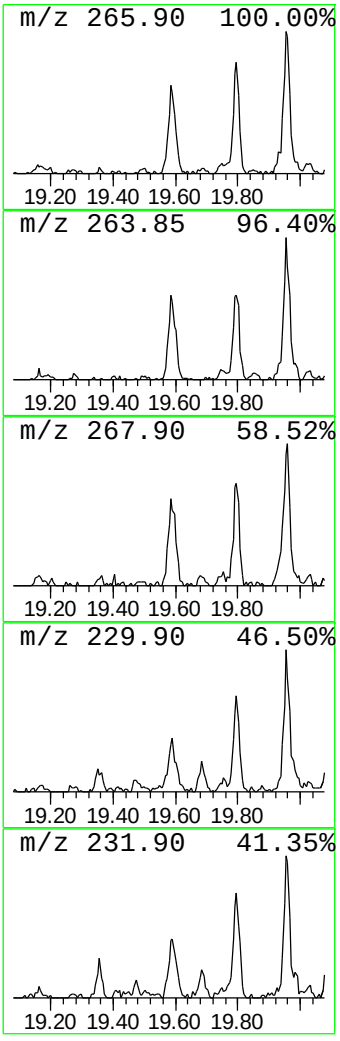
Peak Number 7 Naphthalene, 1,4,6,7-tetrac... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.58 | 7.21 ng/ul | 288606 | Phenanthrene-d10 | 17.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4,6,7-tetrachloro- | 264 | C10H4Cl4 | 055720-43-9 | 90 |
| 2 | Naphthalene, 1,2,3,4-tetrachloro- | 264 | C10H4Cl4 | 020020-02-4 | 78 |
| 3 | Naphthalene, 1,2,3,4-tetrachloro- | 264 | C10H4Cl4 | 020020-02-4 | 78 |
| 4 | Naphthalene, 1,2,3,4-tetrachloro- | 264 | C10H4Cl4 | 020020-02-4 | 78 |
| 5 | Tetrachloroisophthalonitrile | 264 | C8Cl4N2 | 001897-45-6 | 60 |



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Data File : BG047364.D
Acq On : 19 Nov 2020 22:45
Operator : CG/JU
Sample : L4710-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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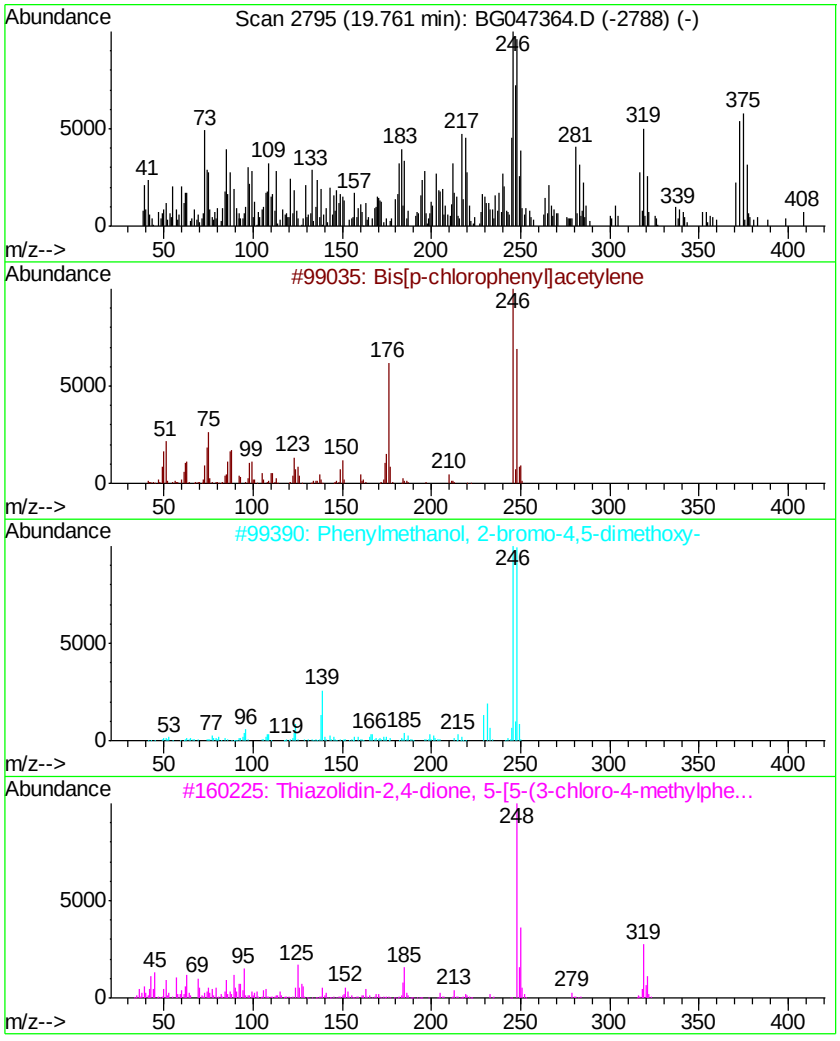
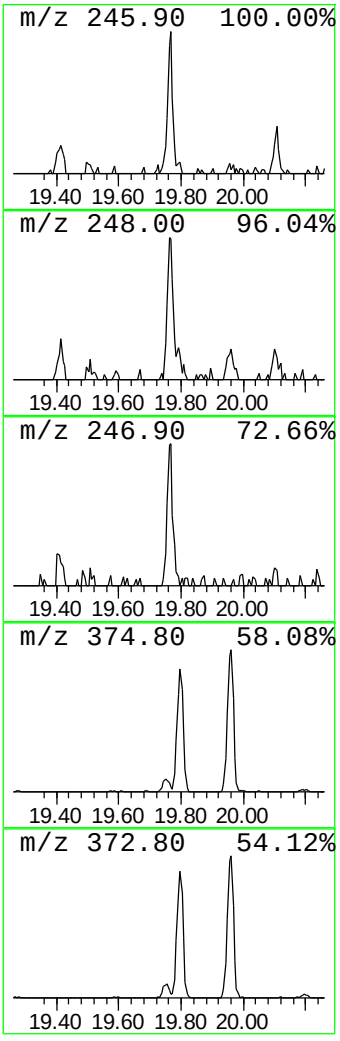
Peak Number 8 unknown-04 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.76 | 7.80 ng/ul | 315012 | Chrysene-d12 | 21.90 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bis[p-chlorophenyl]acetylene | 246 | C14H8Cl2 | 001820-42-4 | 30 |
| 2 | Phenylmethanol, 2-bromo-4,5-dime... | 246 | C9H11BrO3 | 054370-00-2 | 30 |
| 3 | Thiazolidin-2,4-dione, 5-[5-(3-c... | 319 | C15H10ClNO3S | 1000297-44-2 | 30 |
| 4 | Pyrimethamine | 248 | C12H13ClN4 | 000058-14-0 | 25 |
| 5 | Lumisantonin | 246 | C15H18O3 | 000467-41-4 | 25 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047364.D
Acq On : 19 Nov 2020 22:45
Operator : CG/JU
Sample : L4710-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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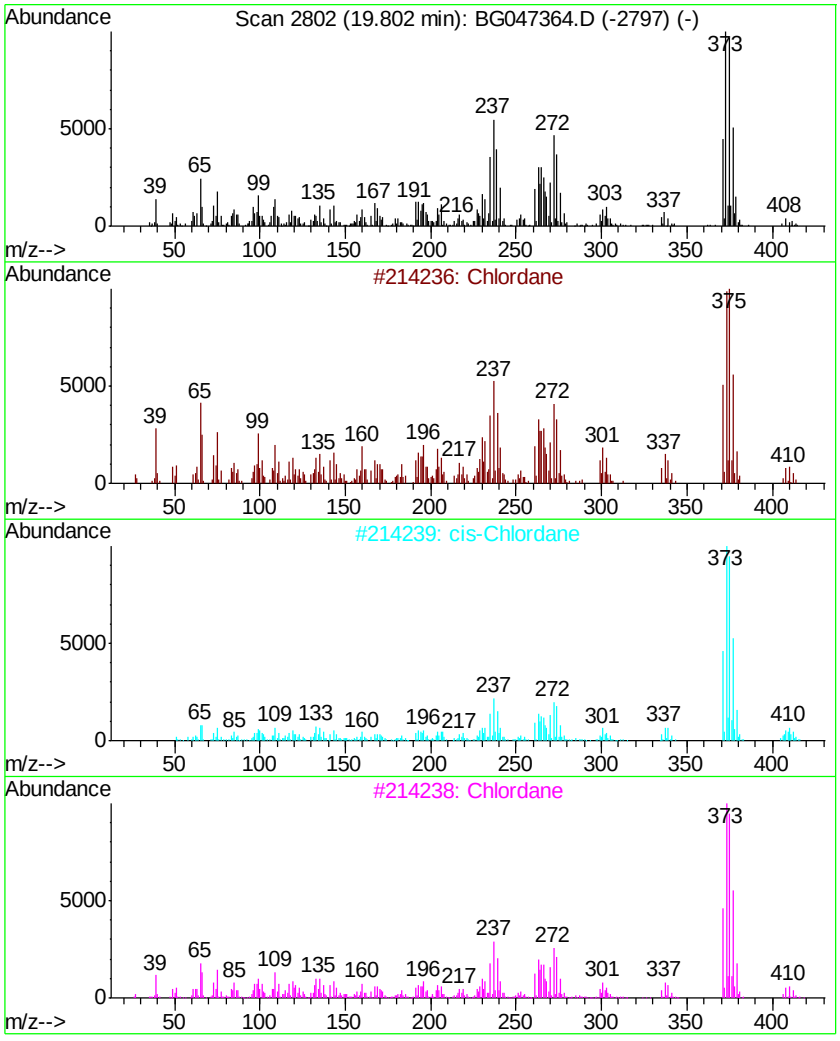
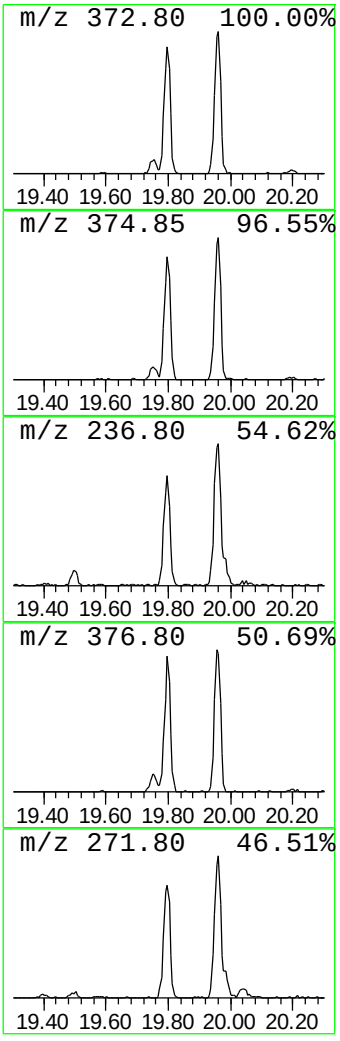
Peak Number 9 Chlordane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.80 | 28.49 ng/ul | 1150290 | Chrysene-d12 | 21.90 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Chlordane | 406 | C10H6Cl8 | 000057-74-9 | 94 |
| 2 | cis-Chlordane | 406 | C10H6Cl8 | 005103-71-9 | 91 |
| 3 | Chlordane | 406 | C10H6Cl8 | 000057-74-9 | 91 |
| 4 | Chlordane | 406 | C10H6Cl8 | 000057-74-9 | 91 |
| 5 | trans-Chlordane | 406 | C10H6Cl8 | 005103-74-2 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047364.D
Acq On : 19 Nov 2020 22:45
Operator : CG/JU
Sample : L4710-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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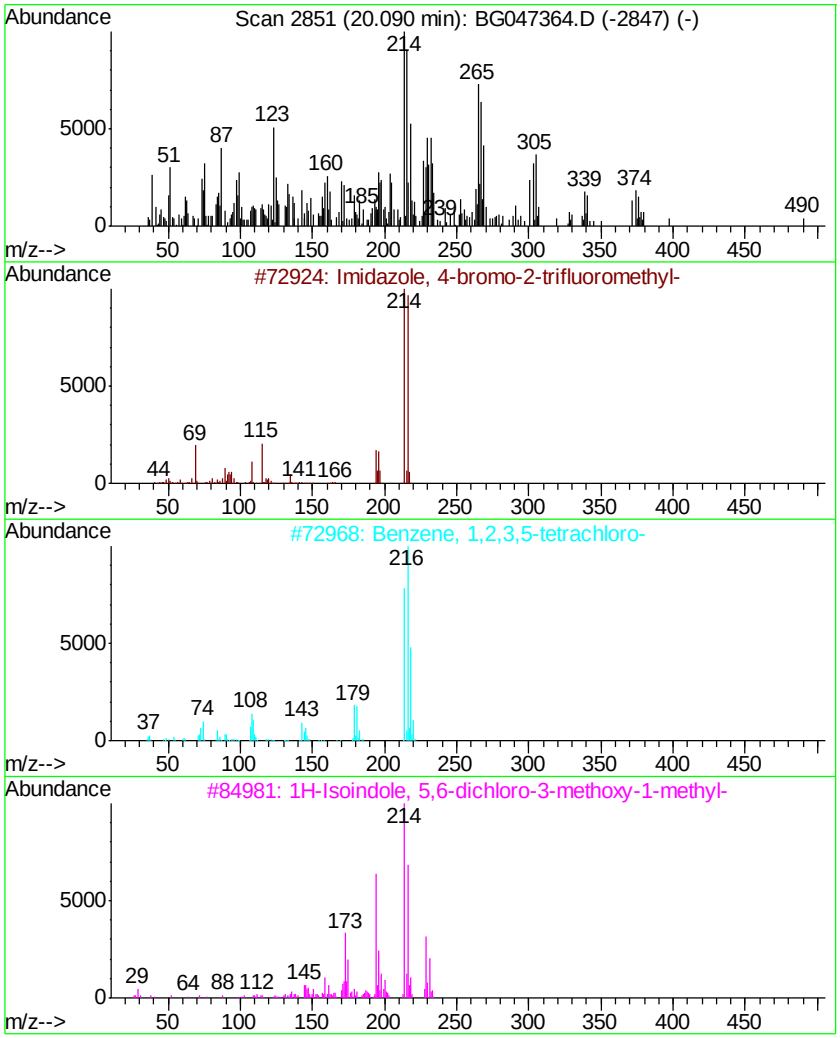
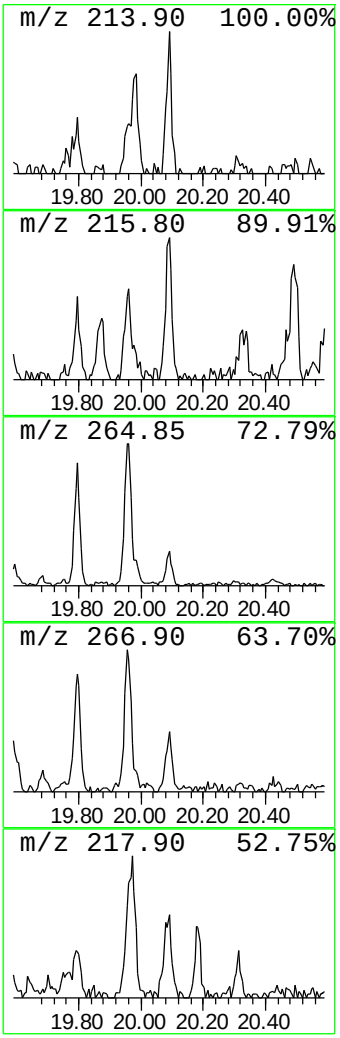
Peak Number 10 unknown-05 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.09 | 4.98 ng/ul | 200980 | Chrysene-d12 | 21.90 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Imidazole, 4-bromo-2-trifluorome... | 214 | C4H2BrF3N2 | 219534-98-2 | 42 |
| 2 | Benzene, 1,2,3,5-tetrachloro- | 214 | C6H2Cl4 | 000634-90-2 | 35 |
| 3 | 1H-Isoindole, 5,6-dichloro-3-met... | 229 | C10H9Cl2NO | 100813-57-8 | 30 |
| 4 | Quinoxaline-2-carbonitrile, 3-am... | 216 | C10H8N4O2 | 094728-06-0 | 25 |
| 5 | Benzene, 1,2,3,4-tetrachloro- | 214 | C6H2Cl4 | 000634-66-2 | 20 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047364.D
Acq On : 19 Nov 2020 22:45
Operator : CG/JU
Sample : L4710-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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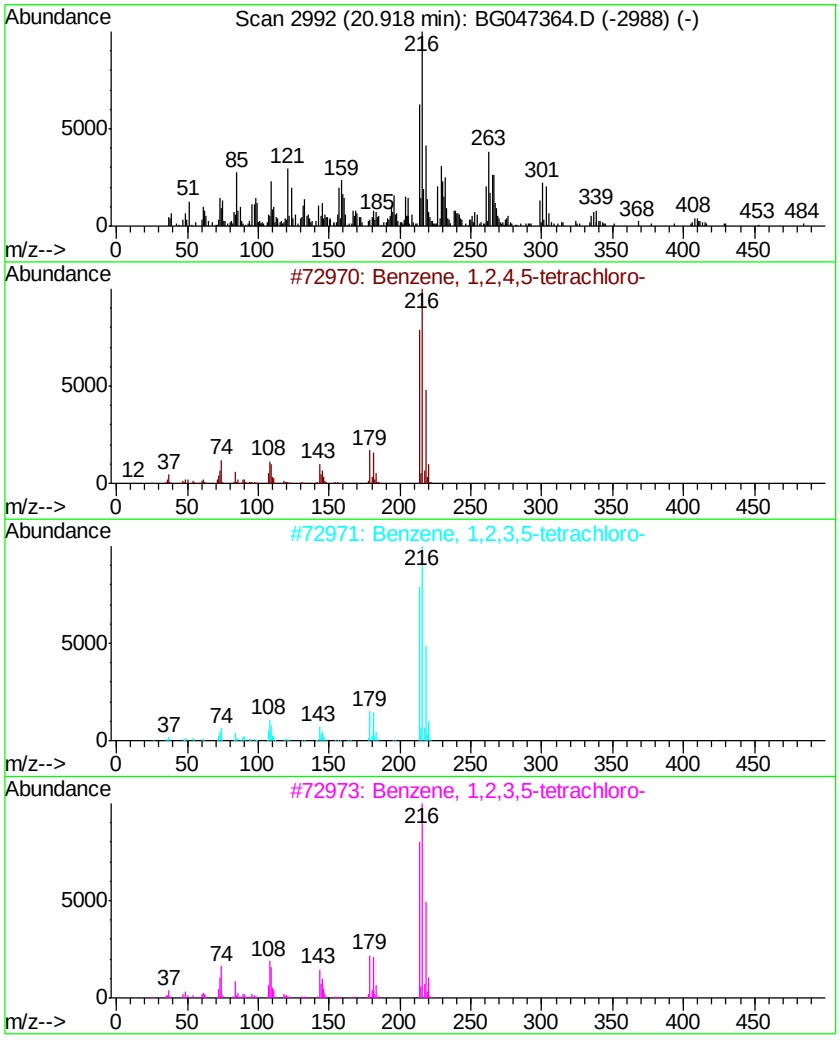
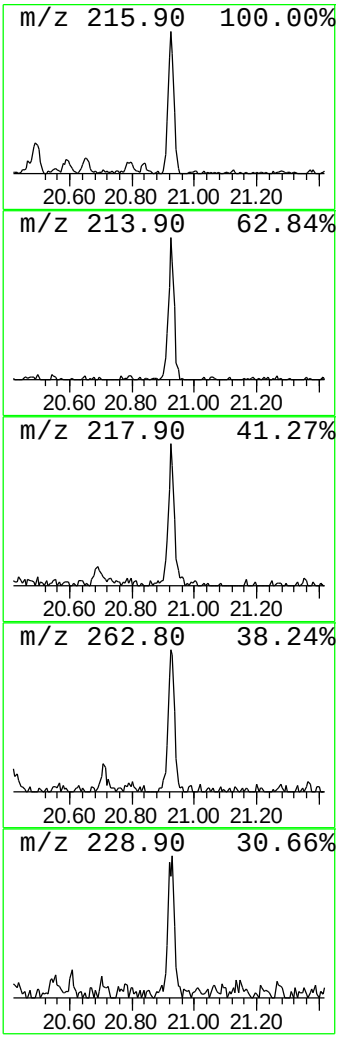
Peak Number 11 unknown-06 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.92 | 11.35 ng/ul | 458342 | Chrysene-d12 | 21.90 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetrachloro- | 214 | C6H2Cl4 | 000095-94-3 | 46 |
| 2 | Benzene, 1,2,3,5-tetrachloro- | 214 | C6H2Cl4 | 000634-90-2 | 46 |
| 3 | Benzene, 1,2,3,5-tetrachloro- | 214 | C6H2Cl4 | 000634-90-2 | 41 |
| 4 | Benzene, 1,2,3,4-tetrachloro- | 214 | C6H2Cl4 | 000634-66-2 | 41 |
| 5 | Benzene, 1,2,3,4-tetrachloro- | 214 | C6H2Cl4 | 000634-66-2 | 41 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
Data File : BG047364.D
Acq On : 19 Nov 2020 22:45
Operator : CG/JU
Sample : L4710-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AY3

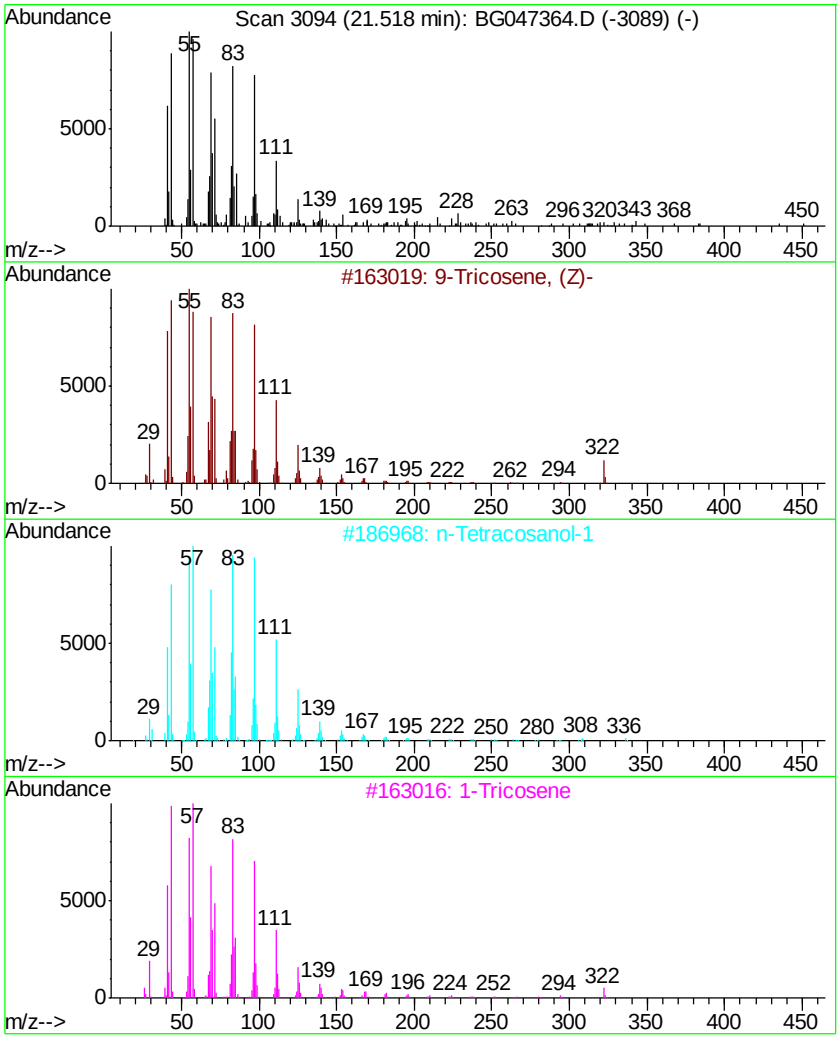
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

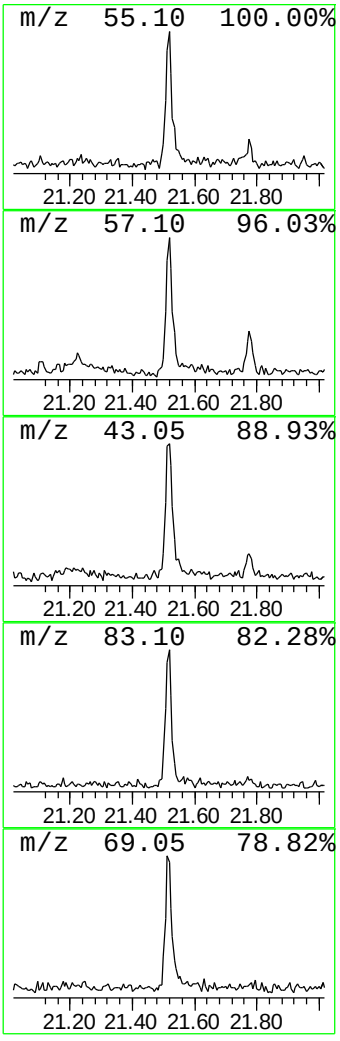
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.52 | 6.20 ng/ul | 250203 | Chrysene-d12 | 21.90 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Tricosene, (Z)- | 322 | C23H46 | 027519-02-4 | 93 |
| 2 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 90 |
| 3 | 1-Tricosene | 322 | C23H46 | 018835-32-0 | 90 |
| 4 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 87 |
| 5 | Dichloroacetic acid, tridecyl ester | 310 | C15H28Cl2O2 | 1000280-48-3 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111920\
Data File : BG047364.D
Acq On : 19 Nov 2020 22:45
Operator : CG/JU
Sample : L4710-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0AY3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.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 |
| Chlordene, .alpha... | 18.49 | 7.8 | ng/ul | 313861 | 4 | 17.62 | 800363 | 20.0 |
| 1-Perchloroetheny... | 18.88 | 56.2 | ng/ul | 2247610 | 4 | 17.62 | 800363 | 20.0 |
| unknown-01 | 19.01 | 4.2 | ng/ul | 166524 | 4 | 17.62 | 800363 | 20.0 |
| (DEL) Alkane: Str... | 19.26 | 3.9 | ng/ul | 155399 | 4 | 17.62 | 800363 | 20.0 |
| unknown-02 | 19.36 | 3.8 | ng/ul | 150251 | 4 | 17.62 | 800363 | 20.0 |
| unknown-03 | 19.50 | 5.4 | ng/ul | 214950 | 4 | 17.62 | 800363 | 20.0 |
| Naphthalene, 1,4,... | 19.58 | 7.2 | ng/ul | 288606 | 4 | 17.62 | 800363 | 20.0 |
| unknown-04 | 19.76 | 7.8 | ng/ul | 315012 | 5 | 21.90 | 807366 | 20.0 |
| Chlordane | 19.80 | 28.5 | ng/ul | 1150290 | 5 | 21.90 | 807366 | 20.0 |
| unknown-05 | 20.09 | 5.0 | ng/ul | 200980 | 5 | 21.90 | 807366 | 20.0 |
| unknown-06 | 20.92 | 11.4 | ng/ul | 458342 | 5 | 21.90 | 807366 | 20.0 |
| (DEL) Alkane: Str... | 21.52 | 6.2 | ng/ul | 250203 | 5 | 21.90 | 807366 | 20.0 |