LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021916.D
Acq On : 16 May 2016 21:25
Operator : UM/SJ
Sample : H3095-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** D9XE4

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.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 | 3.229 | 62 | 66 | 74 | rVB3 | 10585 | 18726 | 1.27% | 0.107% |
| 2 | 3.329 | 78 | 83 | 87 | rBV6 | 3764 | 7014 | 0.48% | 0.040% |
| 3 | 3.546 | 115 | 120 | 125 | rBV3 | 7062 | 13823 | 0.94% | 0.079% |
| 4 | 4.081 | 206 | 211 | 219 | rBV | 8302 | 15968 | 1.08% | 0.091% |
| 5 | 4.304 | 244 | 249 | 256 | rBV2 | 3407 | 6104 | 0.41% | 0.035% |
| 6 | 5.332 | 418 | 424 | 429 | rBV4 | 3542 | 6438 | 0.44% | 0.037% |
| 7 | 5.785 | 495 | 501 | 508 | rBV5 | 3811 | 9527 | 0.65% | 0.054% |
| 8 | 6.155 | 560 | 564 | 570 | rVV3 | 3717 | 7184 | 0.49% | 0.041% |
| 9 | 7.248 | 743 | 750 | 754 | rBV3 | 2582 | 4760 | 0.32% | 0.027% |
| 10 | 7.318 | 754 | 762 | 775 | rBV | 112475 | 240136 | 16.30% | 1.373% |
| 11 | 7.489 | 784 | 791 | 800 | rBV | 100712 | 189589 | 12.87% | 1.084% |
| 12 | 7.700 | 817 | 827 | 836 | rBV | 134359 | 267902 | 18.19% | 1.532% |
| 13 | 7.776 | 836 | 840 | 843 | rVV3 | 3656 | 7436 | 0.50% | 0.043% |
| 14 | 7.806 | 843 | 845 | 851 | rVB3 | 5541 | 7750 | 0.53% | 0.044% |
| 15 | 8.170 | 893 | 907 | 921 | rBV | 156736 | 317702 | 21.57% | 1.817% |
| 16 | 8.276 | 921 | 925 | 932 | rVB5 | 3015 | 5242 | 0.36% | 0.030% |
| 17 | 8.717 | 998 | 1000 | 1008 | rVB5 | 2939 | 6539 | 0.44% | 0.037% |
| 18 | 8.811 | 1011 | 1016 | 1019 | rBV3 | 2947 | 5559 | 0.38% | 0.032% |
| 19 | 8.875 | 1019 | 1027 | 1041 | rBV | 156806 | 325614 | 22.10% | 1.862% |
| 20 | 9.010 | 1045 | 1050 | 1055 | rVB6 | 3829 | 7614 | 0.52% | 0.044% |
| 21 | 9.281 | 1087 | 1096 | 1098 | rBV5 | 3700 | 8021 | 0.54% | 0.046% |
| 22 | 9.339 | 1098 | 1106 | 1113 | rBV | 109229 | 226094 | 15.35% | 1.293% |
| 23 | 9.486 | 1126 | 1131 | 1140 | rVB6 | 3914 | 8282 | 0.56% | 0.047% |
| 24 | 10.062 | 1221 | 1229 | 1240 | rBV | 87239 | 190454 | 12.93% | 1.089% |
| 25 | 10.385 | 1278 | 1284 | 1289 | rBV3 | 4046 | 7653 | 0.52% | 0.044% |
| 26 | 10.608 | 1314 | 1322 | 1333 | rVV | 166577 | 347707 | 23.60% | 1.988% |
| 27 | 10.932 | 1374 | 1377 | 1379 | rBV2 | 4821 | 6749 | 0.46% | 0.039% |
| 28 | 10.990 | 1379 | 1387 | 1394 | rBV | 255977 | 512159 | 34.77% | 2.928% |
| 29 | 11.125 | 1402 | 1410 | 1423 | rBV | 82858 | 197918 | 13.44% | 1.132% |
| 30 | 11.983 | 1550 | 1556 | 1564 | rVV3 | 10895 | 19985 | 1.36% | 0.114% |
| 31 | 12.371 | 1615 | 1622 | 1629 | rBV5 | 10354 | 21310 | 1.45% | 0.122% |
| 32 | 12.565 | 1649 | 1655 | 1658 | rVV2 | 3757 | 7230 | 0.49% | 0.041% |
| 33 | 12.635 | 1660 | 1667 | 1674 | rVB | 18858 | 34391 | 2.33% | 0.197% |
| 34 | 12.847 | 1696 | 1703 | 1710 | rBV | 16770 | 33442 | 2.27% | 0.191% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021916.D
Acq On : 16 May 2016 21:25
Operator : UM/SJ
Sample : H3095-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** D9XE4

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 13.317 | 1777 | 1783 | 1787 | rBV3 | 8570 | 13347 | 0.91% | 0.076% |
| 36 | 13.393 | 1791 | 1796 | 1801 | rBV5 | 5008 | 9159 | 0.62% | 0.052% |
| 37 | 13.593 | 1825 | 1830 | 1834 | rBV3 | 13995 | 24588 | 1.67% | 0.141% |
| 38 | 13.675 | 1840 | 1844 | 1849 | rBV6 | 3468 | 7132 | 0.48% | 0.041% |
| 39 | 13.969 | 1887 | 1894 | 1901 | rVB2 | 8744 | 21443 | 1.46% | 0.123% |
| 40 | 14.116 | 1913 | 1919 | 1924 | rBV3 | 30308 | 51576 | 3.50% | 0.295% |
| 41 | 14.187 | 1924 | 1931 | 1936 | rBV | 318275 | 562239 | 38.17% | 3.215% |
| 42 | 14.234 | 1936 | 1939 | 1947 | rVB | 91572 | 159454 | 10.82% | 0.912% |
| 43 | 14.345 | 1955 | 1958 | 1962 | rBV5 | 7703 | 13630 | 0.93% | 0.078% |
| 44 | 14.492 | 1976 | 1983 | 1997 | rBV | 450419 | 842467 | 57.19% | 4.817% |
| 45 | 14.598 | 1997 | 2001 | 2003 | rBV3 | 6681 | 9407 | 0.64% | 0.054% |
| 46 | 14.663 | 2008 | 2012 | 2019 | rVB2 | 24811 | 36268 | 2.46% | 0.207% |
| 47 | 14.739 | 2019 | 2025 | 2028 | rBV3 | 23659 | 50716 | 3.44% | 0.290% |
| 48 | 14.792 | 2028 | 2034 | 2042 | rVV2 | 412413 | 751485 | 51.01% | 4.297% |
| 49 | 14.856 | 2042 | 2045 | 2052 | rVB5 | 16264 | 30161 | 2.05% | 0.172% |
| 50 | 14.992 | 2058 | 2068 | 2074 | rBV2 | 65879 | 189932 | 12.89% | 1.086% |
| 51 | 15.039 | 2074 | 2076 | 2085 | rVV10 | 16698 | 34162 | 2.32% | 0.195% |
| 52 | 15.185 | 2095 | 2101 | 2108 | rVB2 | 17585 | 34719 | 2.36% | 0.199% |
| 53 | 15.262 | 2110 | 2114 | 2122 | rVB8 | 8804 | 22361 | 1.52% | 0.128% |
| 54 | 15.403 | 2133 | 2138 | 2143 | rBV5 | 11060 | 20277 | 1.38% | 0.116% |
| 55 | 15.450 | 2143 | 2146 | 2151 | rVV4 | 6040 | 9869 | 0.67% | 0.056% |
| 56 | 15.573 | 2161 | 2167 | 2170 | rBV6 | 15549 | 29258 | 1.99% | 0.167% |
| 57 | 15.608 | 2170 | 2173 | 2178 | rVB | 41250 | 59577 | 4.04% | 0.341% |
| 58 | 15.667 | 2178 | 2183 | 2184 | rBV3 | 6279 | 7853 | 0.53% | 0.045% |
| 59 | 15.785 | 2193 | 2203 | 2209 | rBV | 594601 | 1004289 | 68.17% | 5.742% |
| 60 | 15.826 | 2209 | 2210 | 2217 | rVV5 | 24470 | 32662 | 2.22% | 0.187% |
| 61 | 15.902 | 2217 | 2223 | 2232 | rVB | 79704 | 126533 | 8.59% | 0.723% |
| 62 | 16.020 | 2237 | 2243 | 2247 | rVB6 | 19300 | 34569 | 2.35% | 0.198% |
| 63 | 16.125 | 2254 | 2261 | 2265 | rBV4 | 12053 | 26733 | 1.81% | 0.153% |
| 64 | 16.237 | 2277 | 2280 | 2282 | rBV4 | 6154 | 7130 | 0.48% | 0.041% |
| 65 | 16.272 | 2284 | 2286 | 2296 | rVB3 | 10732 | 20442 | 1.39% | 0.117% |
| 66 | 16.472 | 2315 | 2320 | 2322 | rBV | 48627 | 72109 | 4.89% | 0.412% |
| 67 | 16.619 | 2341 | 2345 | 2347 | rBV5 | 5225 | 8280 | 0.56% | 0.047% |
| 68 | 16.813 | 2376 | 2378 | 2380 | rBV3 | 5162 | 5065 | 0.34% | 0.029% |
| 69 | 16.983 | 2403 | 2407 | 2413 | rVB8 | 8555 | 15285 | 1.04% | 0.087% |
| 70 | 17.071 | 2415 | 2422 | 2424 | rBV5 | 13524 | 32141 | 2.18% | 0.184% |
| 71 | 17.195 | 2438 | 2443 | 2448 | rBV | 20483 | 34870 | 2.37% | 0.199% |

LSC Area Percent Report

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Acq On : 16 May 2016 21:25
Operator : UM/SJ
Sample : H3095-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** D9XE4

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 17.265 | 2450 | 2455 | 2461 | rVV | 42330 | 68524 | 4.65% | 0.392% |
| 73 | 17.318 | 2461 | 2464 | 2468 | rVB4 | 10687 | 13825 | 0.94% | 0.079% |
| 74 | 17.353 | 2468 | 2470 | 2475 | rVB3 | 12133 | 14929 | 1.01% | 0.085% |
| 75 | 17.406 | 2475 | 2479 | 2486 | rVB8 | 16660 | 24757 | 1.68% | 0.142% |
| 76 | 17.471 | 2487 | 2490 | 2492 | rBV4 | 7696 | 7878 | 0.53% | 0.045% |
| 77 | 17.541 | 2495 | 2502 | 2506 | rBV2 | 488158 | 914981 | 62.11% | 5.232% |
| 78 | 17.583 | 2506 | 2509 | 2513 | rVV | 223603 | 335786 | 22.79% | 1.920% |
| 79 | 17.635 | 2513 | 2518 | 2530 | rVB2 | 548068 | 976689 | 66.30% | 5.584% |
| 80 | 17.941 | 2564 | 2570 | 2576 | rBV4 | 21209 | 53401 | 3.62% | 0.305% |
| 81 | 18.006 | 2578 | 2581 | 2585 | rVB2 | 29451 | 38919 | 2.64% | 0.223% |
| 82 | 18.117 | 2598 | 2600 | 2607 | rVB6 | 14380 | 21995 | 1.49% | 0.126% |
| 83 | 18.346 | 2633 | 2639 | 2644 | rBV9 | 19554 | 44554 | 3.02% | 0.255% |
| 84 | 18.405 | 2644 | 2649 | 2654 | rVV2 | 90015 | 159728 | 10.84% | 0.913% |
| 85 | 18.458 | 2654 | 2658 | 2666 | rVB2 | 67055 | 138031 | 9.37% | 0.789% |
| 86 | 18.599 | 2677 | 2682 | 2687 | rBV2 | 61871 | 130989 | 8.89% | 0.749% |
| 87 | 18.693 | 2694 | 2698 | 2705 | rBV4 | 32141 | 57781 | 3.92% | 0.330% |
| 88 | 18.905 | 2730 | 2734 | 2737 | rBV | 37514 | 52897 | 3.59% | 0.302% |
| 89 | 18.946 | 2738 | 2741 | 2746 | rVB3 | 19839 | 31420 | 2.13% | 0.180% |
| 90 | 19.316 | 2800 | 2804 | 2809 | rBV | 68543 | 96117 | 6.52% | 0.550% |
| 91 | 19.463 | 2824 | 2829 | 2835 | rBV2 | 35812 | 69108 | 4.69% | 0.395% |
| 92 | 19.580 | 2844 | 2849 | 2855 | rBV | 468372 | 709320 | 48.15% | 4.056% |
| 93 | 19.915 | 2899 | 2906 | 2909 | rBV | 714585 | 1267542 | 86.04% | 7.247% |
| 94 | 20.420 | 2989 | 2992 | 2998 | rVB2 | 91811 | 143838 | 9.76% | 0.822% |
| 95 | 21.431 | 3161 | 3164 | 3170 | rVB2 | 113740 | 152705 | 10.37% | 0.873% |
| 96 | 21.690 | 3202 | 3208 | 3216 | rVB | 929916 | 1473137 | 100.00% | 8.423% |
| 97 | 21.825 | 3223 | 3231 | 3236 | rBV2 | 565555 | 1340305 | 90.98% | 7.663% |
| 98 | 24.104 | 3613 | 3619 | 3626 | rBV | 137399 | 430557 | 29.23% | 2.462% |
| 99 | 24.939 | 3755 | 3761 | 3768 | rBV2 | 204354 | 485198 | 32.94% | 2.774% |
| 100 | 25.168 | 3793 | 3800 | 3811 | rVB2 | 250647 | 731539 | 49.66% | 4.183% |

Sum of corrected areas: 17489660

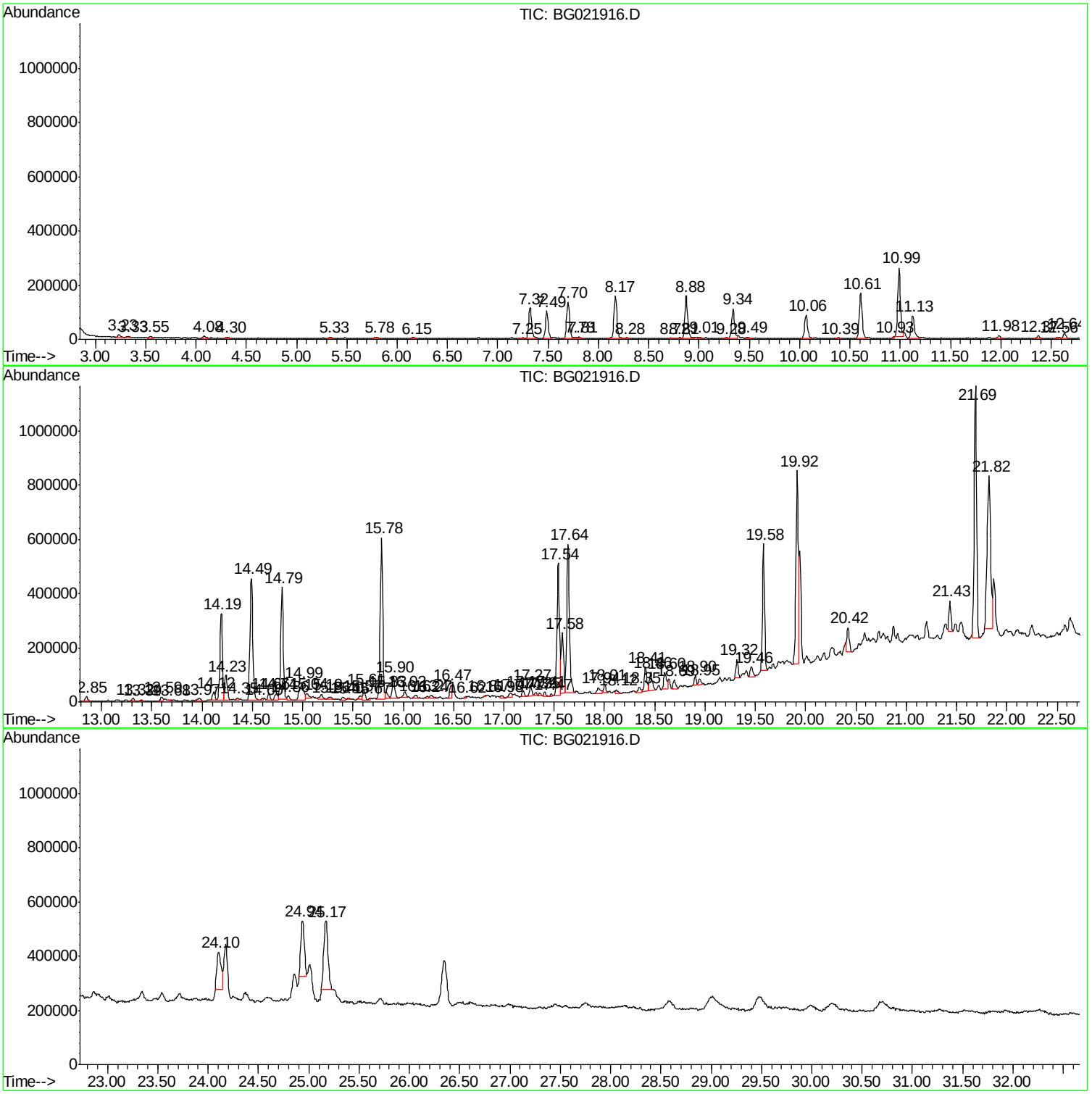
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021916.D
Acq On : 16 May 2016 21:25
Operator : UM/SJ
Sample : H3095-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** D9XE4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021916.D
Acq On : 16 May 2016 21:25
Operator : UM/SJ
Sample : H3095-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** D9XE4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

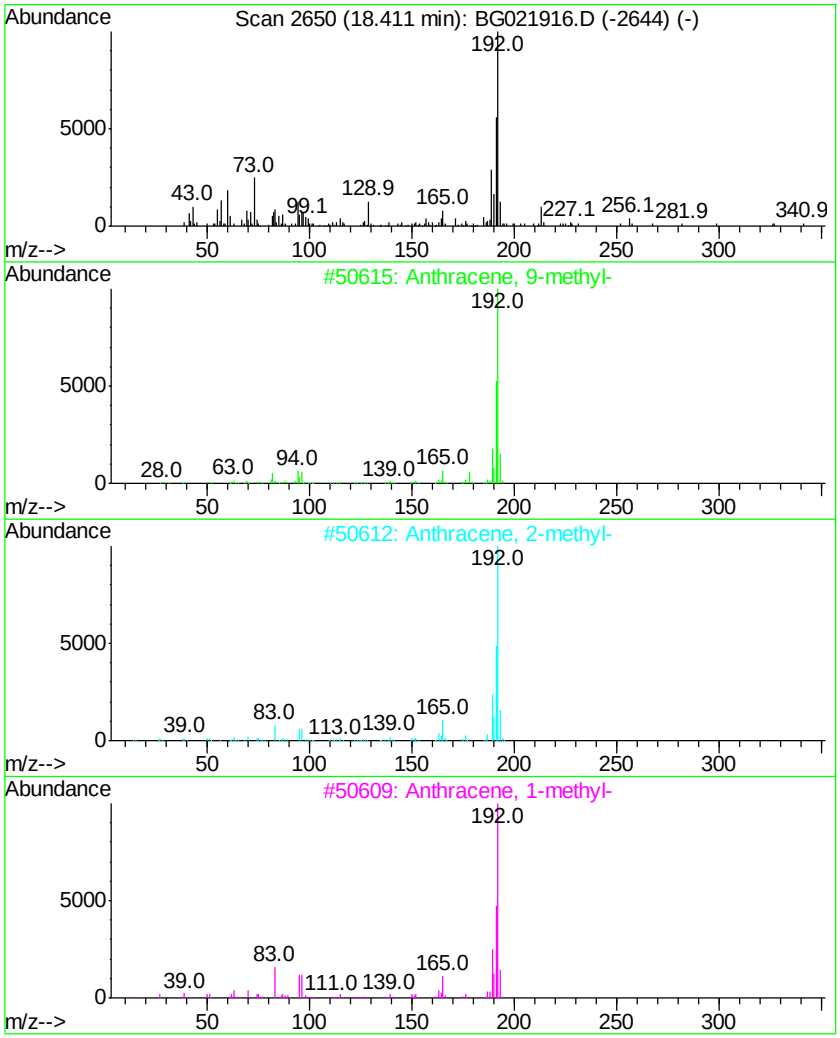
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

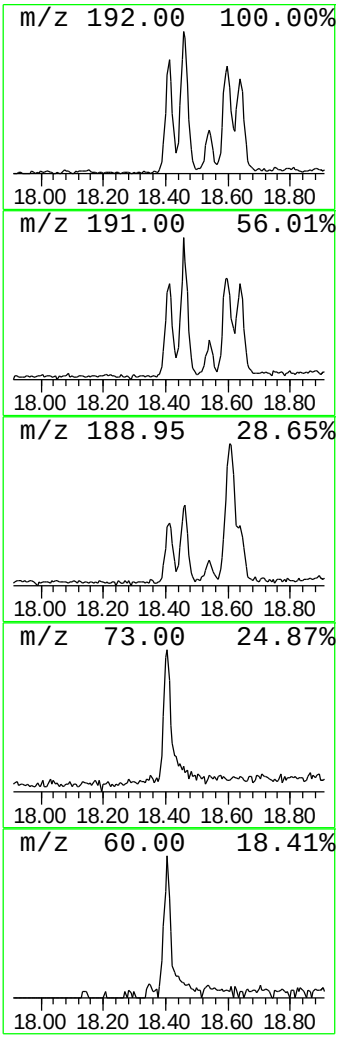
**********

Peak Number 1 Anthracene, 9-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.41 | 3.49 ng/ul | 159728 | Phenanthrene-d10 | 17.54 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 92 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 87 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 83 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 83 |
| 5 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 83 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021916.D
Acq On : 16 May 2016 21:25
Operator : UM/SJ
Sample : H3095-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** D9XE4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

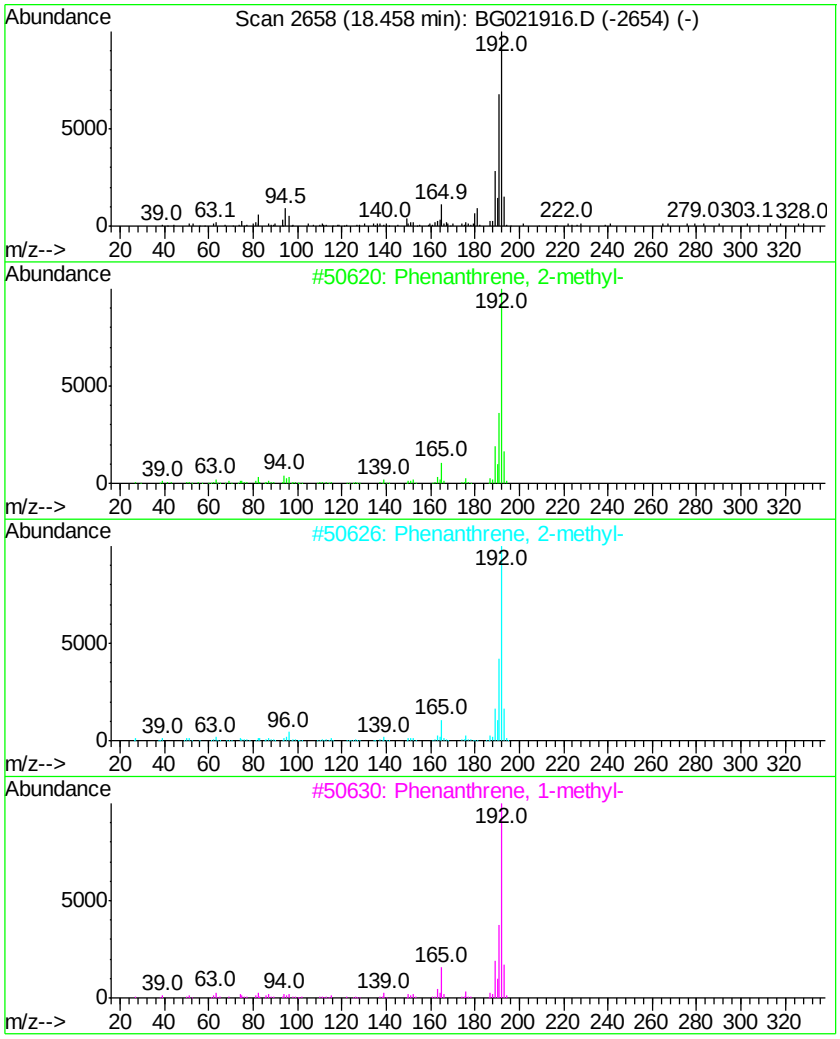
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

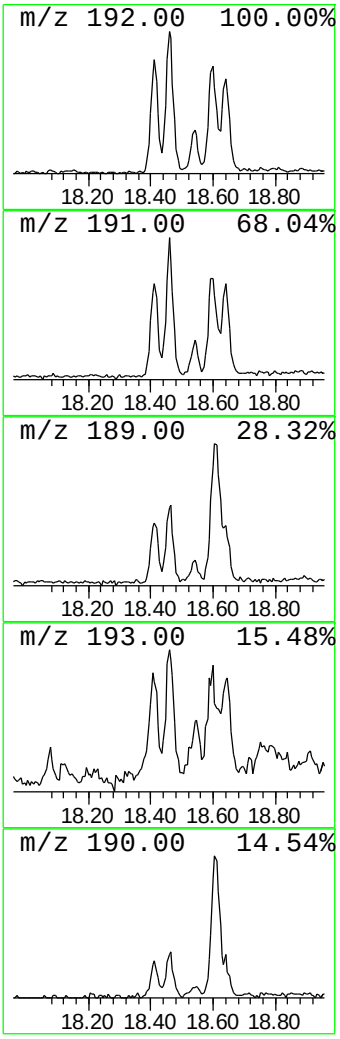
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.46 | 3.02 ng/ul | 138031 | Phenanthrene-d10 | 17.54 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 86 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 83 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 83 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 83 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 81 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021916.D
Acq On : 16 May 2016 21:25
Operator : UM/SJ
Sample : H3095-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** D9XE4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

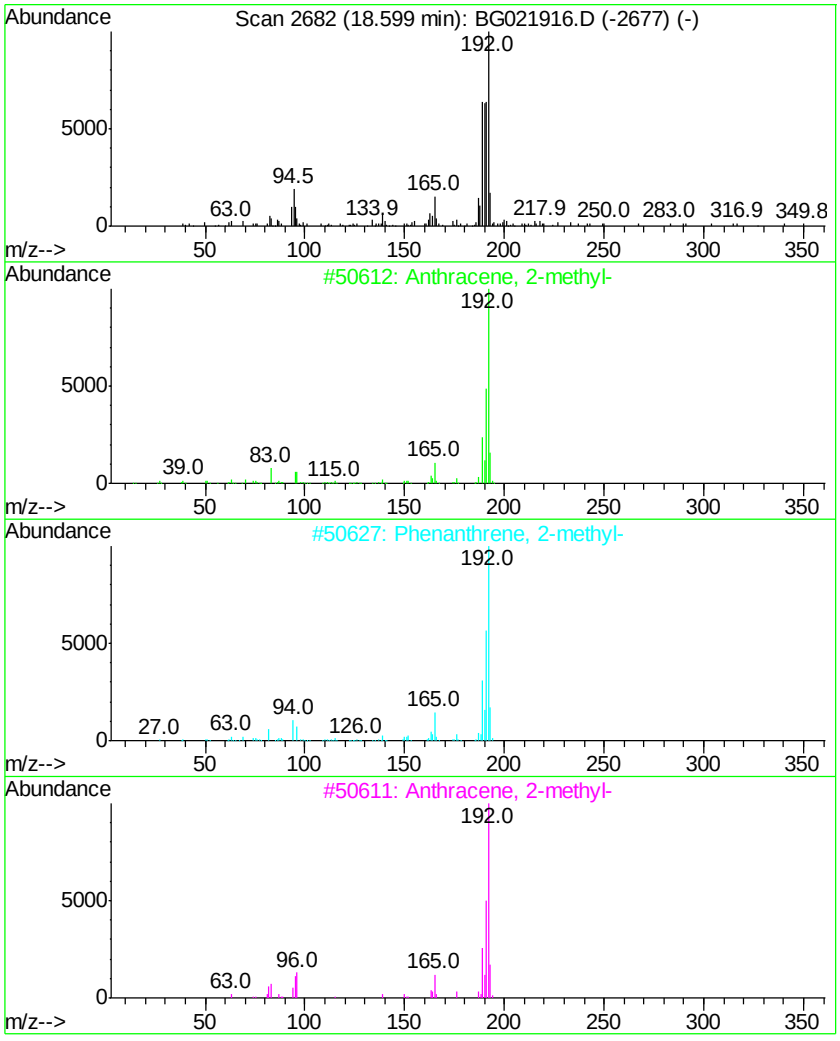
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

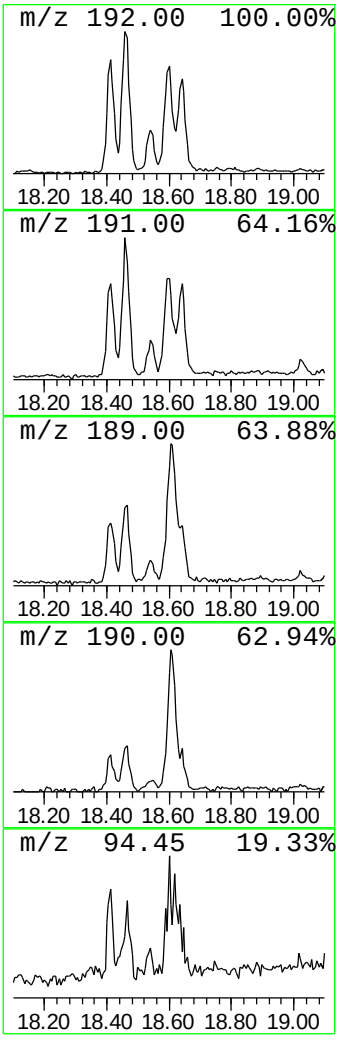
**********

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.60 | 2.86 ng/ul | 130989 | Phenanthrene-d10 | 17.54 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 60 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 60 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 60 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 55 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 55 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021916.D
Acq On : 16 May 2016 21:25
Operator : UM/SJ
Sample : H3095-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** D9XE4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

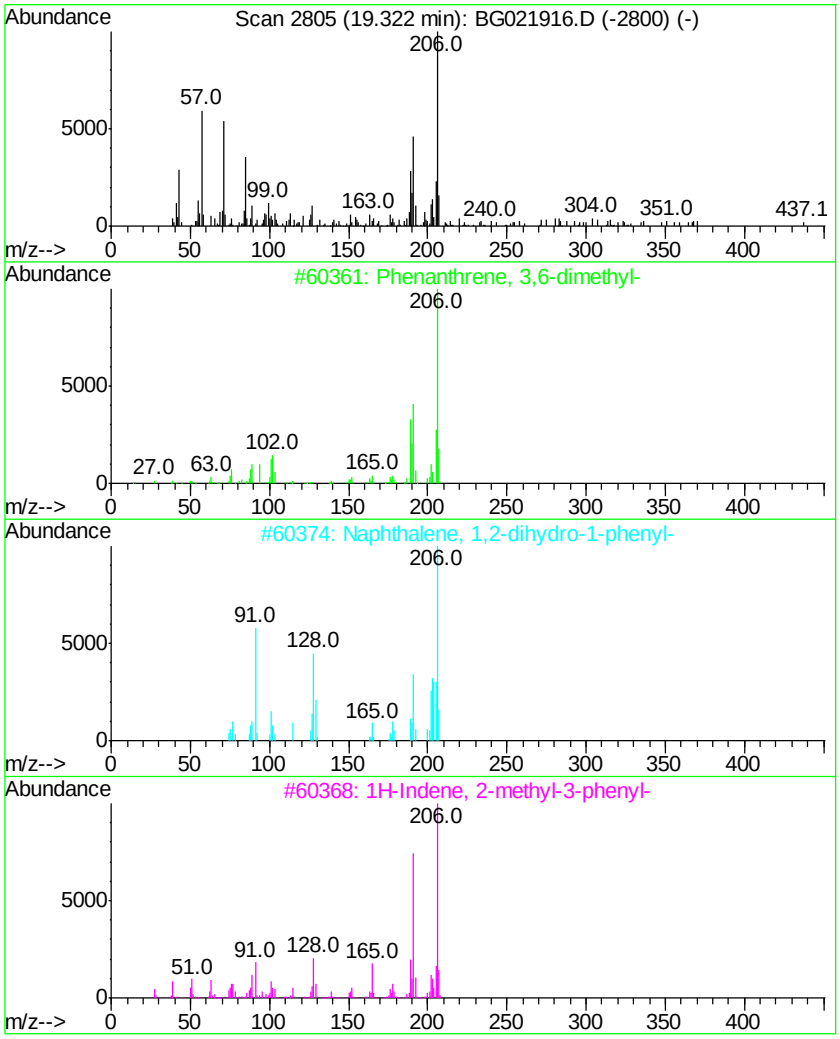
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

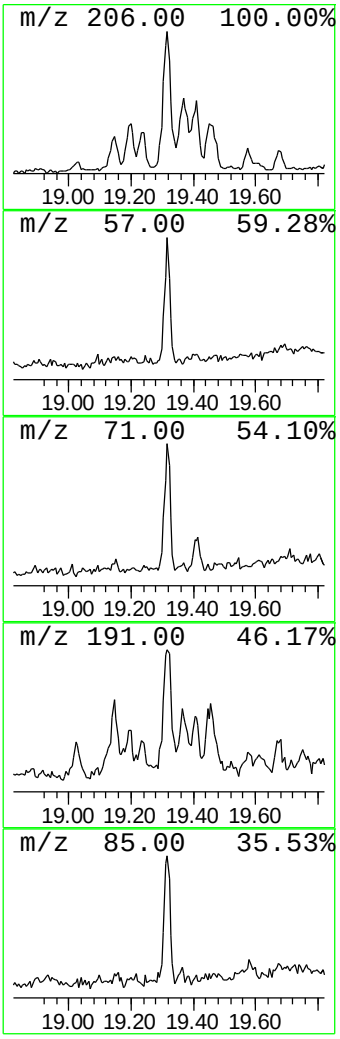
**********

Peak Number 4 Phenanthrene, 3,6-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.32 | 2.10 ng/ul | 96117 | Phenanthrene-d10 | 17.54 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 83 |
| 2 | Naphthalene, 1,2-dihydro-1-phenyl- | 206 | C16H14 | 016606-46-5 | 74 |
| 3 | 1H-Indene, 2-methyl-3-phenyl- | 206 | C16H14 | 035099-60-6 | 70 |
| 4 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 64 |
| 5 | Naphthalene, 1,2-dihydro-4-phenyl- | 206 | C16H14 | 007469-40-1 | 64 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021916.D
Acq On : 16 May 2016 21:25
Operator : UM/SJ
Sample : H3095-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** D9XE4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

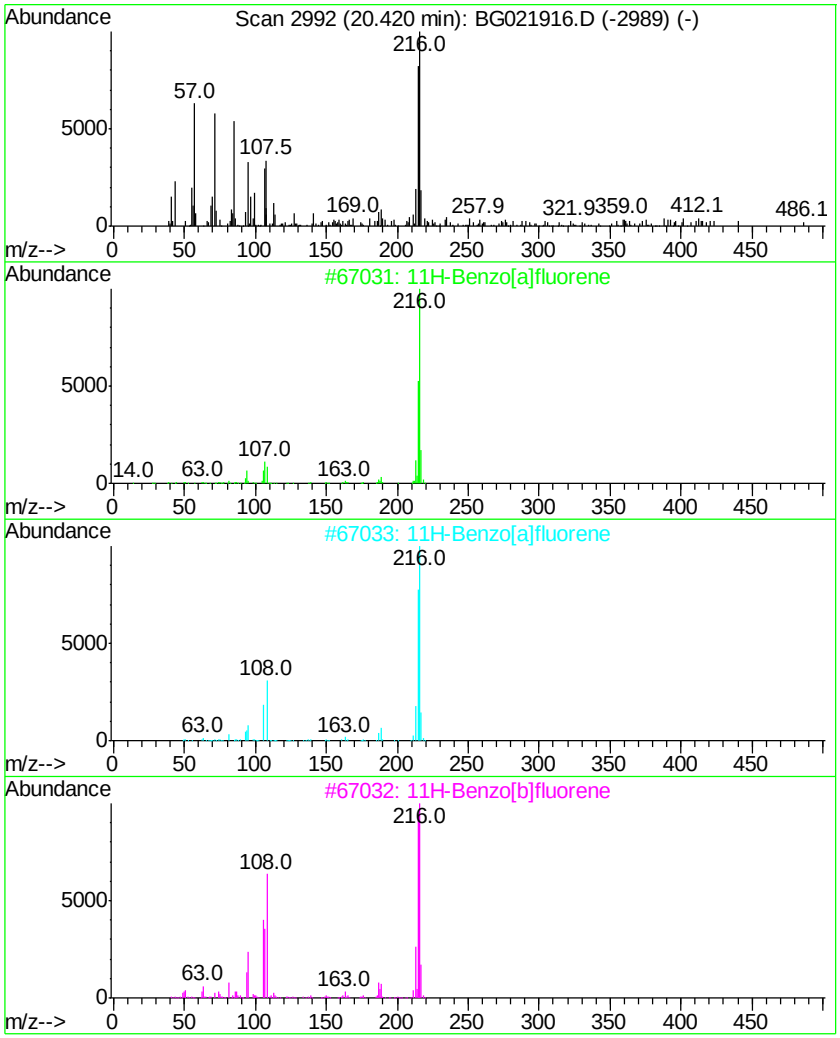
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

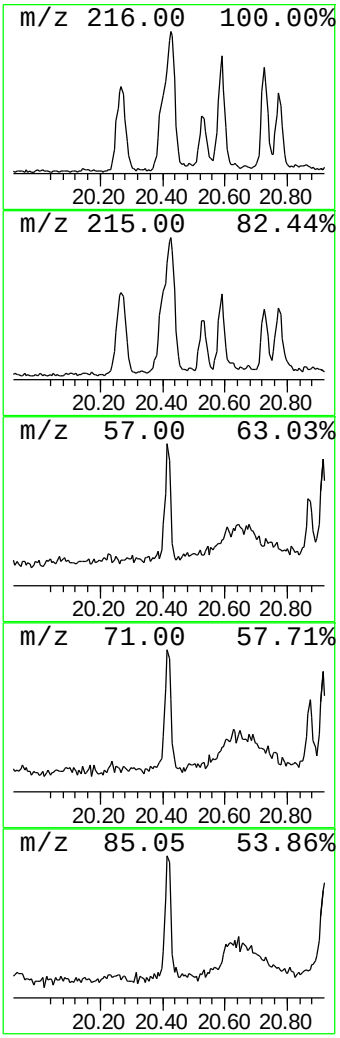
**********

Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.42 | 2.15 ng/ul | 143838 | Chrysene-d12 | 21.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 74 |
| 2 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 60 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 58 |
| 4 | 1,3,5-Triazine-2,4,6-triamine, N... | 216 | C10H12N6 | 046731-79-7 | 58 |
| 5 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 53 |



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021916.D
Acq On : 16 May 2016 21:25
Operator : UM/SJ
Sample : H3095-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** D9XE4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

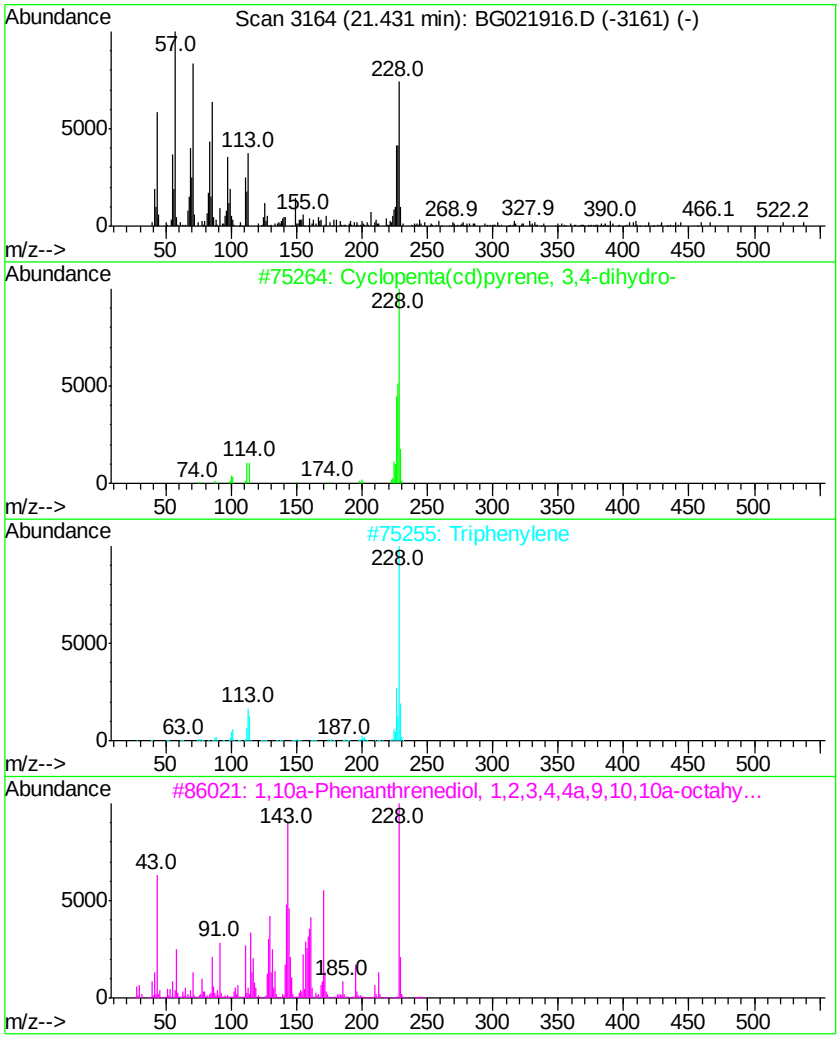
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

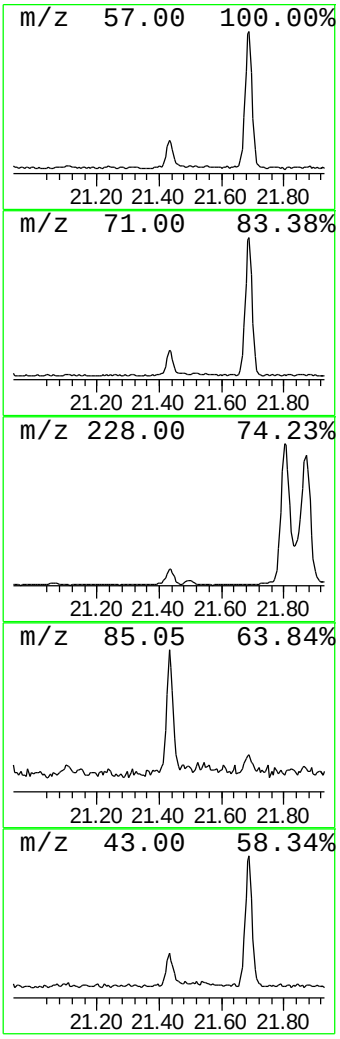
**********

Peak Number 6 unknown-01 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.43 | 2.28 ng/ul | 152705 | Chrysene-d12 | 21.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(cd)pyrene, 3,4-dihydro- | 228 | C18H12 | 025732-74-5 | 38 |
| 2 | Triphenylene | 228 | C18H12 | 000217-59-4 | 14 |
| 3 | 1,10a-Phenanthrenediol, 1,2,3,4,... | 246 | C16H22O2 | 1000197-42-1 | 14 |
| 4 | 5-Ethyl-5-acetylamino-6-imino-1,... | 228 | C8H12N4O2S | 126552-74-7 | 14 |
| 5 | 2-Formylphenoxathin | 228 | C13H8O2S | 037947-92-5 | 11 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051616\
Data File : BG021916.D
Acq On : 16 May 2016 21:25
Operator : UM/SJ
Sample : H3095-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** D9XE4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Anthracene, 9-met... | 18.41 | 3.5 | ng/ul | 159728 | 4 | 17.54 | 914981 | 20.0 |
| Phenanthrene, 2-m... | 18.46 | 3.0 | ng/ul | 138031 | 4 | 17.54 | 914981 | 20.0 |
| Anthracene, 2-met... | 18.60 | 2.9 | ng/ul | 130989 | 4 | 17.54 | 914981 | 20.0 |
| Phenanthrene, 3,6... | 19.32 | 2.1 | ng/ul | 96117 | 4 | 17.54 | 914981 | 20.0 |
| 11H-Benzo[a]fluorene | 20.42 | 2.1 | ng/ul | 143838 | 5 | 21.82 | 1340310 | 20.0 |
| unknown-01 | 21.43 | 2.3 | ng/ul | 152705 | 5 | 21.82 | 1340310 | 20.0 |