LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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 | 3.273 | 69 | 74 | 80 | rBV | 147961 | 216054 | 2.96% | 0.255% |
| 2 | 3.361 | 84 | 89 | 98 | rVB3 | 61715 | 111133 | 1.53% | 0.131% |
| 3 | 4.131 | 214 | 220 | 228 | rBV | 165604 | 273931 | 3.76% | 0.323% |
| 4 | 7.392 | 766 | 775 | 788 | rBV3 | 133069 | 302459 | 4.15% | 0.357% |
| 5 | 7.556 | 793 | 803 | 816 | rBV | 115184 | 221746 | 3.04% | 0.262% |
| 6 | 7.768 | 829 | 839 | 848 | rBV3 | 138049 | 267619 | 3.67% | 0.316% |
| 7 | 8.238 | 909 | 919 | 931 | rBV2 | 376594 | 671073 | 9.21% | 0.792% |
| 8 | 8.949 | 1033 | 1040 | 1047 | rBV2 | 55980 | 118807 | 1.63% | 0.140% |
| 9 | 9.419 | 1109 | 1120 | 1128 | rBV | 177634 | 343519 | 4.71% | 0.406% |
| 10 | 10.142 | 1236 | 1243 | 1256 | rBV3 | 123441 | 270040 | 3.71% | 0.319% |
| 11 | 10.688 | 1329 | 1336 | 1348 | rBV2 | 176232 | 352205 | 4.83% | 0.416% |
| 12 | 11.070 | 1392 | 1401 | 1407 | rBV | 557511 | 1052235 | 14.44% | 1.242% |
| 13 | 11.117 | 1407 | 1409 | 1417 | rVB3 | 49500 | 77681 | 1.07% | 0.092% |
| 14 | 14.031 | 1896 | 1905 | 1914 | rBV10 | 21369 | 70053 | 0.96% | 0.083% |
| 15 | 14.178 | 1922 | 1930 | 1935 | rBV4 | 35155 | 73250 | 1.01% | 0.086% |
| 16 | 14.249 | 1935 | 1942 | 1947 | rVV | 420721 | 651024 | 8.93% | 0.769% |
| 17 | 14.296 | 1947 | 1950 | 1961 | rVB | 88201 | 134253 | 1.84% | 0.159% |
| 18 | 14.560 | 1987 | 1995 | 2009 | rBV | 458727 | 812574 | 11.15% | 0.959% |
| 19 | 14.860 | 2033 | 2046 | 2052 | rBV | 937831 | 1577522 | 21.65% | 1.863% |
| 20 | 14.924 | 2052 | 2057 | 2065 | rVB | 192311 | 312903 | 4.29% | 0.369% |
| 21 | 15.077 | 2076 | 2083 | 2089 | rBV8 | 31714 | 73376 | 1.01% | 0.087% |
| 22 | 15.259 | 2104 | 2114 | 2120 | rVV | 108919 | 211379 | 2.90% | 0.250% |
| 23 | 15.653 | 2175 | 2181 | 2188 | rVB5 | 38368 | 84341 | 1.16% | 0.100% |
| 24 | 15.847 | 2204 | 2214 | 2219 | rBV | 639225 | 1003622 | 13.77% | 1.185% |
| 25 | 15.900 | 2219 | 2223 | 2231 | rVB2 | 224429 | 390088 | 5.35% | 0.461% |
| 26 | 16.193 | 2269 | 2273 | 2282 | rVB | 75590 | 130060 | 1.78% | 0.154% |
| 27 | 16.340 | 2289 | 2298 | 2305 | rVV2 | 74792 | 163748 | 2.25% | 0.193% |
| 28 | 16.505 | 2322 | 2326 | 2334 | rBV3 | 39459 | 93489 | 1.28% | 0.110% |
| 29 | 16.898 | 2382 | 2393 | 2399 | rBV5 | 69150 | 180268 | 2.47% | 0.213% |
| 30 | 17.128 | 2424 | 2432 | 2435 | rVV4 | 51653 | 94399 | 1.30% | 0.111% |
| 31 | 17.263 | 2449 | 2455 | 2459 | rBV | 120230 | 186025 | 2.55% | 0.220% |
| 32 | 17.421 | 2476 | 2482 | 2494 | rVB | 150277 | 282181 | 3.87% | 0.333% |
| 33 | 17.609 | 2507 | 2514 | 2517 | rBV | 1068182 | 1821601 | 25.00% | 2.151% |
| 34 | 17.650 | 2517 | 2521 | 2526 | rVV | 2697281 | 3969242 | 54.47% | 4.686% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 17.703 | 2526 | 2530 | 2533 | rVV | 605543 | 962115 | 13.20% | 1.136% |
| 36 | 17.739 | 2533 | 2536 | 2544 | rVB | 573295 | 837205 | 11.49% | 0.988% |
| 37 | 18.009 | 2575 | 2582 | 2592 | rBV | 293295 | 550015 | 7.55% | 0.649% |
| 38 | 18.115 | 2596 | 2600 | 2606 | rBV2 | 71018 | 120096 | 1.65% | 0.142% |
| 39 | 18.185 | 2607 | 2612 | 2620 | rVV5 | 57300 | 111193 | 1.53% | 0.131% |
| 40 | 18.320 | 2631 | 2635 | 2643 | rVB7 | 32999 | 76334 | 1.05% | 0.090% |
| 41 | 18.473 | 2653 | 2661 | 2665 | rVV | 331992 | 533161 | 7.32% | 0.629% |
| 42 | 18.526 | 2665 | 2670 | 2676 | rVB | 458993 | 689930 | 9.47% | 0.815% |
| 43 | 18.602 | 2676 | 2683 | 2687 | rBV | 169899 | 259102 | 3.56% | 0.306% |
| 44 | 18.673 | 2687 | 2695 | 2706 | rBV3 | 533217 | 1316728 | 18.07% | 1.555% |
| 45 | 18.773 | 2708 | 2712 | 2716 | rBV4 | 45533 | 74250 | 1.02% | 0.088% |
| 46 | 18.814 | 2716 | 2719 | 2724 | rBV4 | 53794 | 92040 | 1.26% | 0.109% |
| 47 | 18.961 | 2739 | 2744 | 2749 | rVV | 273059 | 416606 | 5.72% | 0.492% |
| 48 | 19.014 | 2749 | 2753 | 2761 | rVB | 281807 | 423859 | 5.82% | 0.500% |
| 49 | 19.202 | 2780 | 2785 | 2789 | rBV3 | 91966 | 127965 | 1.76% | 0.151% |
| 50 | 19.254 | 2790 | 2794 | 2798 | rVV | 76460 | 106859 | 1.47% | 0.126% |
| 51 | 19.290 | 2798 | 2800 | 2806 | rVB3 | 63820 | 86984 | 1.19% | 0.103% |
| 52 | 19.372 | 2808 | 2814 | 2819 | rBV2 | 186232 | 319678 | 4.39% | 0.377% |
| 53 | 19.437 | 2819 | 2825 | 2828 | rBV6 | 74100 | 148834 | 2.04% | 0.176% |
| 54 | 19.525 | 2834 | 2840 | 2847 | rBV2 | 189885 | 387503 | 5.32% | 0.458% |
| 55 | 19.648 | 2852 | 2861 | 2867 | rBV | 4730272 | 7287341 | 100.00% | 8.604% |
| 56 | 19.695 | 2867 | 2869 | 2872 | rVV2 | 75944 | 87755 | 1.20% | 0.104% |
| 57 | 19.736 | 2872 | 2876 | 2880 | rVB6 | 59207 | 99898 | 1.37% | 0.118% |
| 58 | 19.836 | 2890 | 2893 | 2897 | rVB5 | 64353 | 80321 | 1.10% | 0.095% |
| 59 | 19.889 | 2897 | 2902 | 2909 | rVB2 | 175158 | 334241 | 4.59% | 0.395% |
| 60 | 19.977 | 2910 | 2917 | 2919 | rBV3 | 1503124 | 2605130 | 35.75% | 3.076% |
| 61 | 20.012 | 2919 | 2923 | 2928 | rVV | 3789516 | 5725903 | 78.57% | 6.761% |
| 62 | 20.065 | 2928 | 2932 | 2938 | rVB3 | 227405 | 350058 | 4.80% | 0.413% |
| 63 | 20.177 | 2946 | 2951 | 2956 | rBV | 309342 | 466762 | 6.41% | 0.551% |
| 64 | 20.324 | 2969 | 2976 | 2982 | rVB3 | 308873 | 708660 | 9.72% | 0.837% |
| 65 | 20.383 | 2982 | 2986 | 2991 | rBV | 103671 | 150280 | 2.06% | 0.177% |
| 66 | 20.488 | 2992 | 3004 | 3013 | rVV2 | 659206 | 1450430 | 19.90% | 1.713% |
| 67 | 20.588 | 3015 | 3021 | 3024 | rBV2 | 498028 | 752588 | 10.33% | 0.889% |
| 68 | 20.647 | 3025 | 3031 | 3034 | rVV2 | 276843 | 510816 | 7.01% | 0.603% |
| 69 | 20.682 | 3035 | 3037 | 3040 | rVB2 | 142071 | 145251 | 1.99% | 0.171% |
| 70 | 20.723 | 3041 | 3044 | 3048 | rVB5 | 97546 | 148611 | 2.04% | 0.175% |
| 71 | 20.788 | 3051 | 3055 | 3060 | rBV2 | 213347 | 400789 | 5.50% | 0.473% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 20.835 | 3060 | 3063 | 3074 | rVB | 272258 | 546936 | 7.51% | 0.646% |
| 73 | 20.923 | 3075 | 3078 | 3080 | rBV4 | 64535 | 78477 | 1.08% | 0.093% |
| 74 | 21.217 | 3125 | 3128 | 3131 | rBV5 | 80105 | 115771 | 1.59% | 0.137% |
| 75 | 21.270 | 3133 | 3137 | 3144 | rVB | 402476 | 675242 | 9.27% | 0.797% |
| 76 | 21.458 | 3163 | 3169 | 3173 | rBV2 | 389091 | 749874 | 10.29% | 0.885% |
| 77 | 21.505 | 3174 | 3177 | 3181 | rVV | 349368 | 507153 | 6.96% | 0.599% |
| 78 | 21.558 | 3181 | 3186 | 3192 | rVV2 | 417523 | 751393 | 10.31% | 0.887% |
| 79 | 21.616 | 3192 | 3196 | 3205 | rVB2 | 407155 | 788808 | 10.82% | 0.931% |
| 80 | 21.887 | 3234 | 3242 | 3249 | rBV3 | 2758706 | 7152807 | 98.15% | 8.445% |
| 81 | 21.951 | 3249 | 3253 | 3266 | rVB | 2043100 | 3744768 | 51.39% | 4.421% |
| 82 | 22.110 | 3275 | 3280 | 3287 | rVB | 383275 | 657806 | 9.03% | 0.777% |
| 83 | 22.192 | 3288 | 3294 | 3298 | rBV6 | 147610 | 300499 | 4.12% | 0.355% |
| 84 | 22.333 | 3312 | 3318 | 3325 | rVB3 | 283781 | 588550 | 8.08% | 0.695% |
| 85 | 22.662 | 3368 | 3374 | 3380 | rVB | 324767 | 659366 | 9.05% | 0.779% |
| 86 | 22.897 | 3409 | 3414 | 3419 | rVB4 | 116152 | 222406 | 3.05% | 0.263% |
| 87 | 22.956 | 3420 | 3424 | 3429 | rBV3 | 160551 | 312872 | 4.29% | 0.369% |
| 88 | 23.097 | 3444 | 3448 | 3455 | rVB4 | 146840 | 322687 | 4.43% | 0.381% |
| 89 | 23.391 | 3493 | 3498 | 3506 | rVB9 | 143504 | 354177 | 4.86% | 0.418% |
| 90 | 23.837 | 3566 | 3574 | 3580 | rBV6 | 120710 | 353327 | 4.85% | 0.417% |
| 91 | 24.243 | 3632 | 3643 | 3650 | rBV2 | 1473513 | 5383835 | 73.88% | 6.357% |
| 92 | 24.507 | 3681 | 3688 | 3698 | rVB | 283350 | 740856 | 10.17% | 0.875% |
| 93 | 24.724 | 3721 | 3725 | 3731 | rBV9 | 65516 | 164862 | 2.26% | 0.195% |
| 94 | 25.018 | 3765 | 3775 | 3782 | rBV | 719965 | 2088996 | 28.67% | 2.466% |
| 95 | 25.095 | 3782 | 3788 | 3792 | rBV3 | 232736 | 500772 | 6.87% | 0.591% |
| 96 | 25.177 | 3793 | 3802 | 3816 | rVB2 | 1183273 | 3704558 | 50.84% | 4.374% |
| 97 | 25.330 | 3819 | 3828 | 3836 | rBV2 | 628852 | 1837766 | 25.22% | 2.170% |
| 98 | 25.418 | 3837 | 3843 | 3856 | rVB3 | 332141 | 1059733 | 14.54% | 1.251% |
| 99 | 29.272 | 4488 | 4499 | 4522 | rVB3 | 522363 | 2917868 | 40.04% | 3.445% |
| 100 | 30.529 | 4699 | 4713 | 4739 | rVB2 | 336119 | 1874983 | 25.73% | 2.214% |

Sum of corrected areas: 84696339

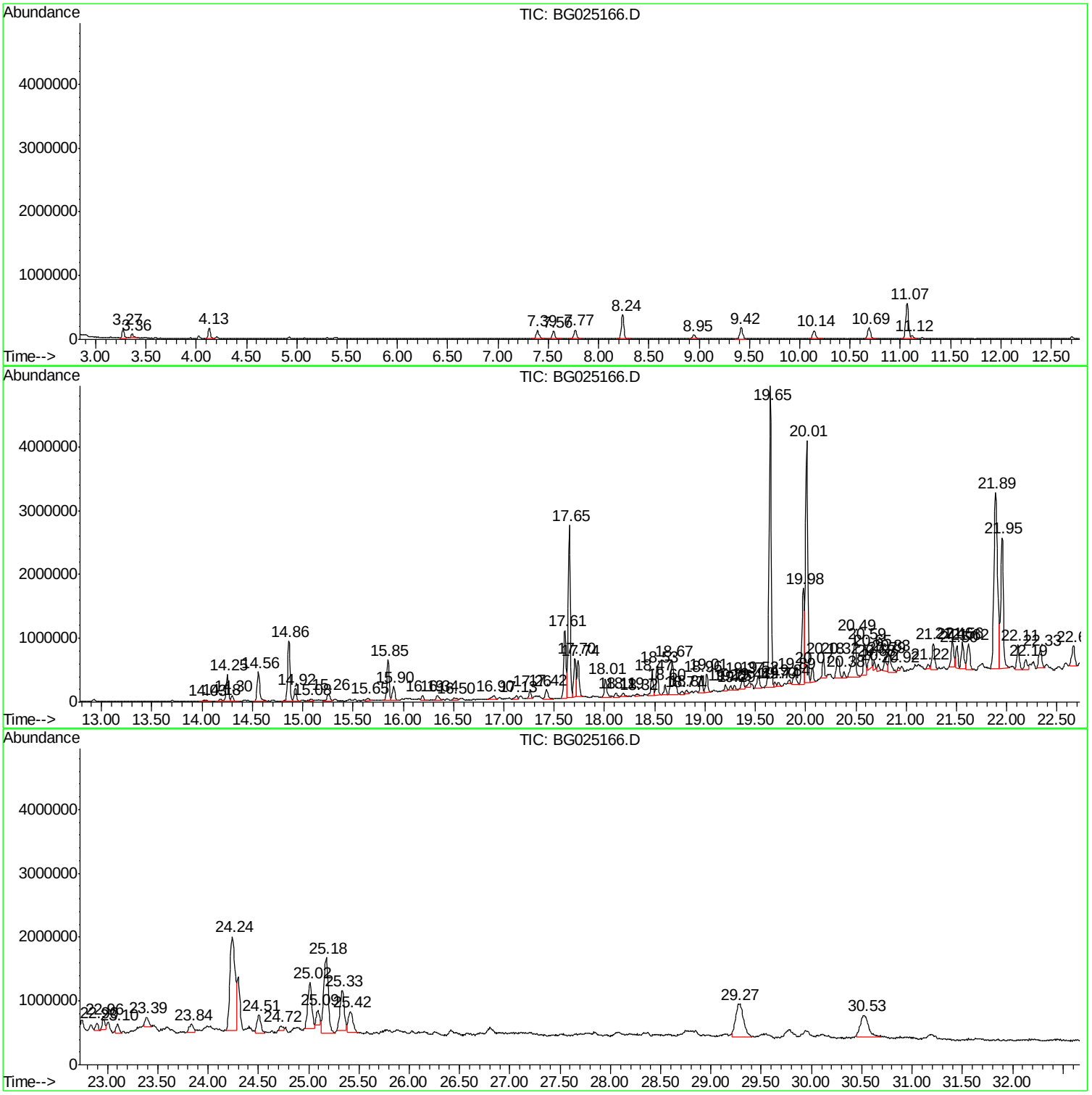
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

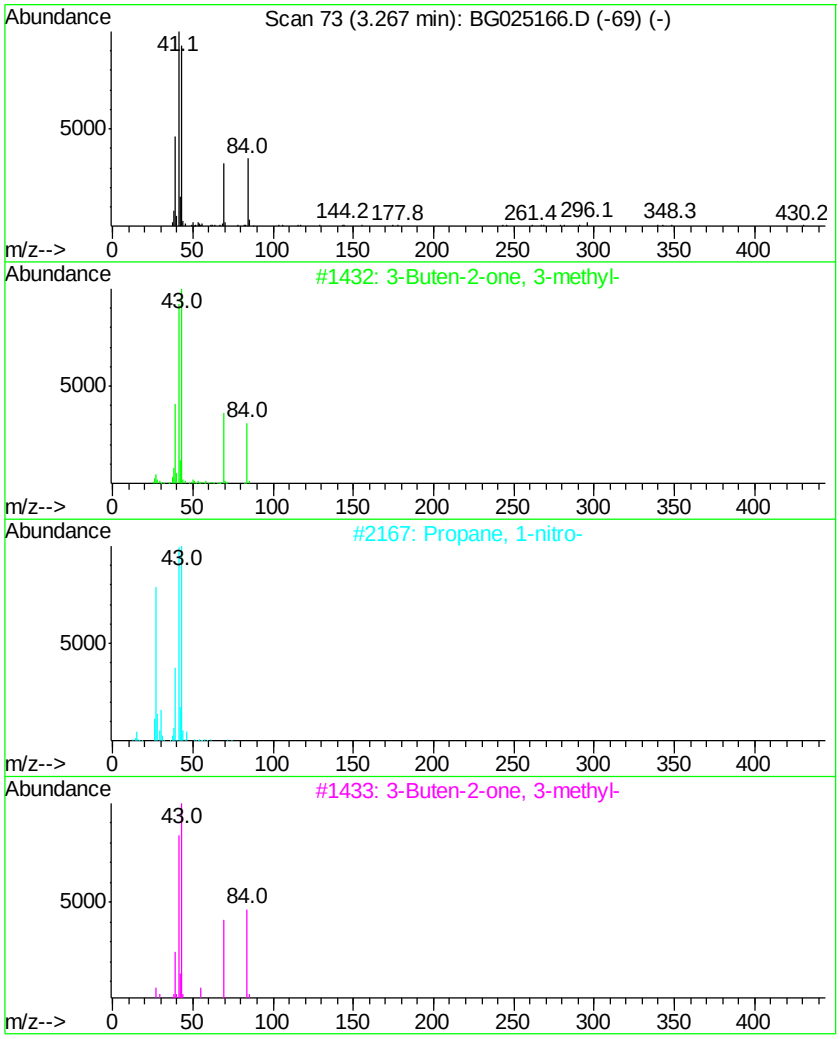
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

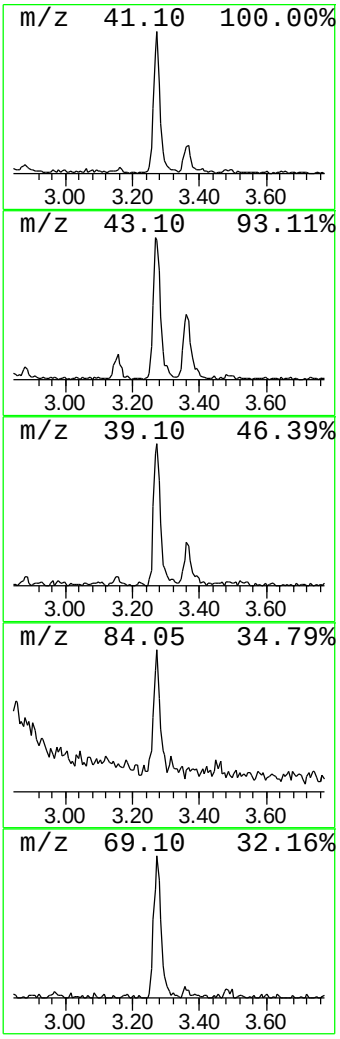
**********

Peak Number 1 3-Buten-2-one, 3-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.27 | 6.44 ng/ul | 216054 | 1,4-Dichlorobenzene-d4 | 8.24 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Buten-2-one, 3-methyl- | 84 | C5H8O | 000814-78-8 | 53 |
| 2 | Propane, 1-nitro- | 89 | C3H7NO2 | 000108-03-2 | 17 |
| 3 | 3-Buten-2-one, 3-methyl- | 84 | C5H8O | 000814-78-8 | 14 |
| 4 | 2-Pentene, 4-methyl-, (E)- | 84 | C6H12 | 000674-76-0 | 9 |
| 5 | 3-Buten-2-one, 3-methyl- | 84 | C5H8O | 000814-78-8 | 9 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

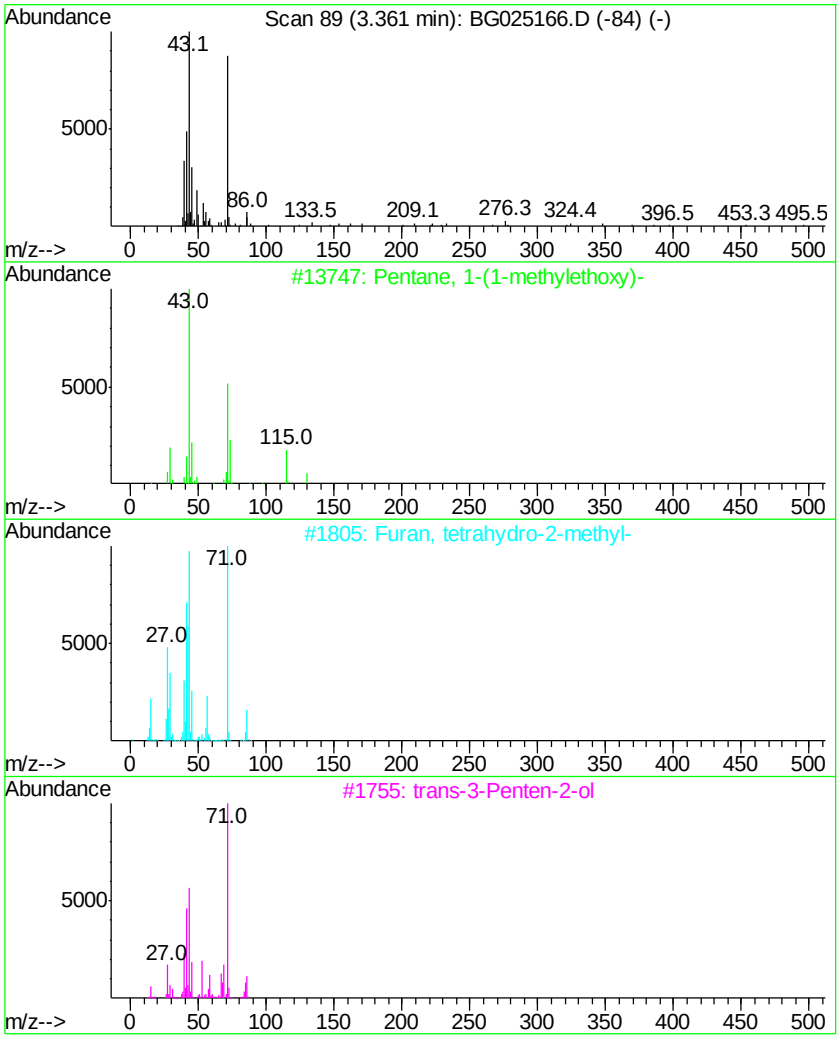
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

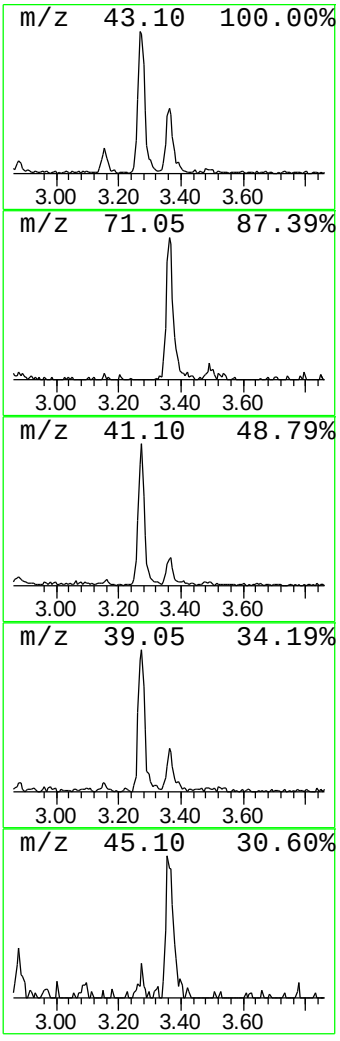
**********

Peak Number 2 Pentane, 1-(1-methylethoxy)- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.36 | 3.31 ng/ul | 111133 | 1,4-Dichlorobenzene-d4 | 8.24 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 1-(1-methylethoxy)- | 130 | C8H18O | 005756-37-6 | 72 |
| 2 | Furan, tetrahydro-2-methyl- | 86 | C5H10O | 000096-47-9 | 53 |
| 3 | trans-3-Penten-2-ol | 86 | C5H10O | 003899-34-1 | 53 |
| 4 | 3-Penten-2-ol | 86 | C5H10O | 001569-50-2 | 50 |
| 5 | 2-Methyl-1,5-hexadiene-3-ol | 112 | C7H12O | 017123-60-3 | 47 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

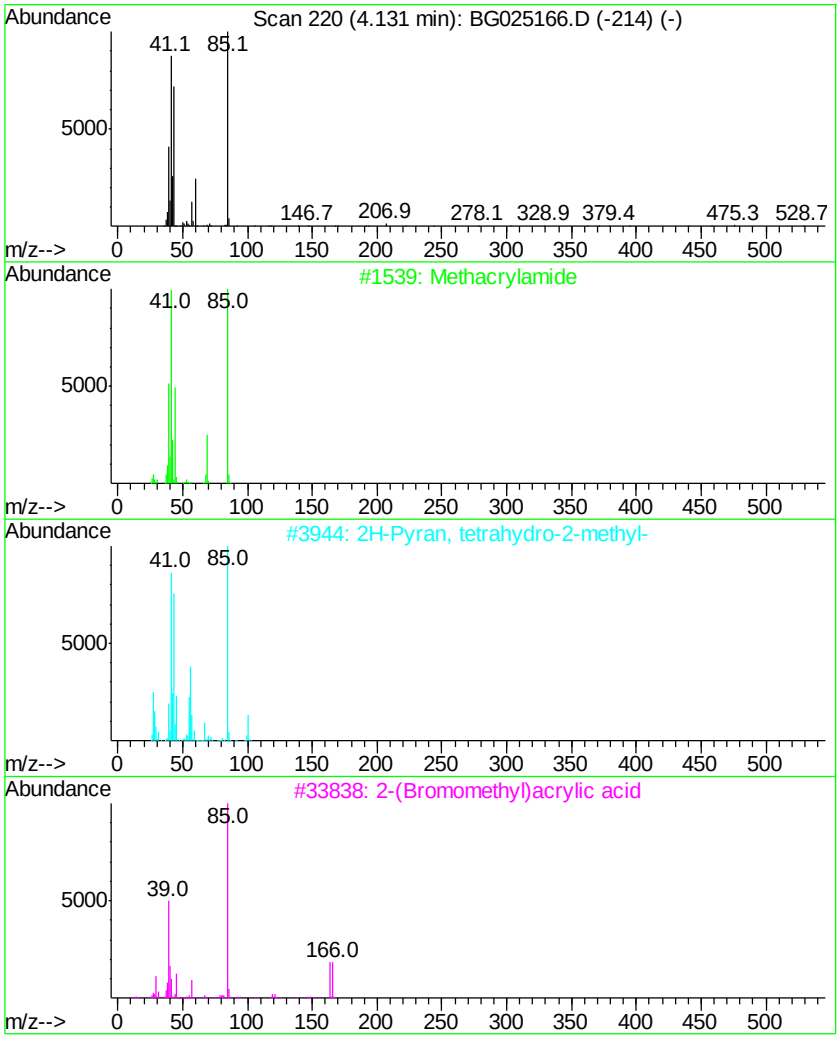
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

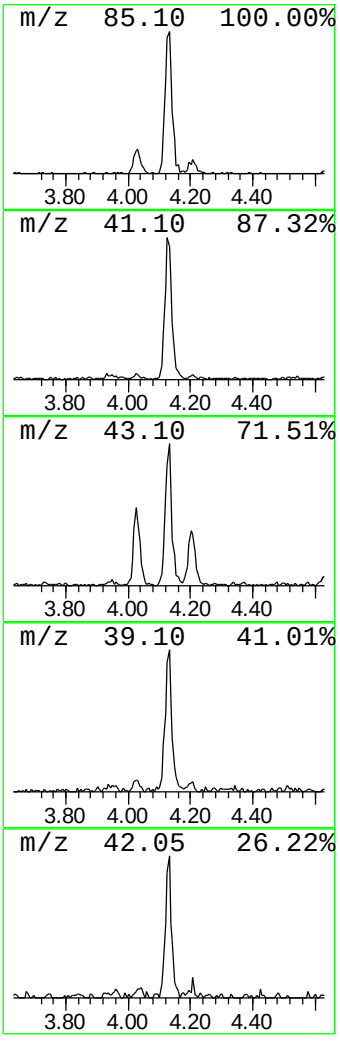
**********

Peak Number 3 Methacrylamide Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.13 | 8.16 ng/ul | 273931 | 1,4-Dichlorobenzene-d4 | 8.24 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methacrylamide | 85 | C4H7NO | 000079-39-0 | 64 |
| 2 | 2H-Pyran, tetrahydro-2-methyl- | 100 | C6H12O | 010141-72-7 | 43 |
| 3 | 2-(Bromomethyl)acrylic acid | 164 | C4H5BrO2 | 072707-66-5 | 40 |
| 4 | 2H-Pyran, tetrahydro-2-methyl- | 100 | C6H12O | 010141-72-7 | 25 |
| 5 | Oxetane, 2-ethyl-3-methyl- | 100 | C6H12O | 053778-62-4 | 25 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

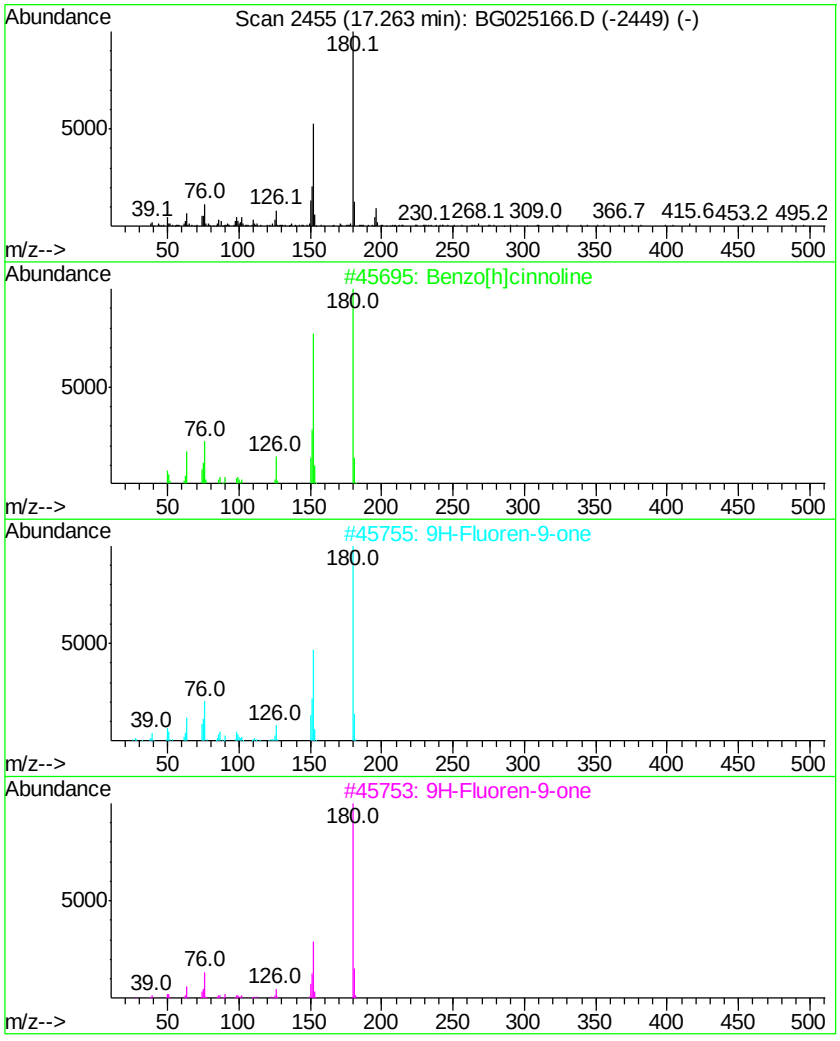
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

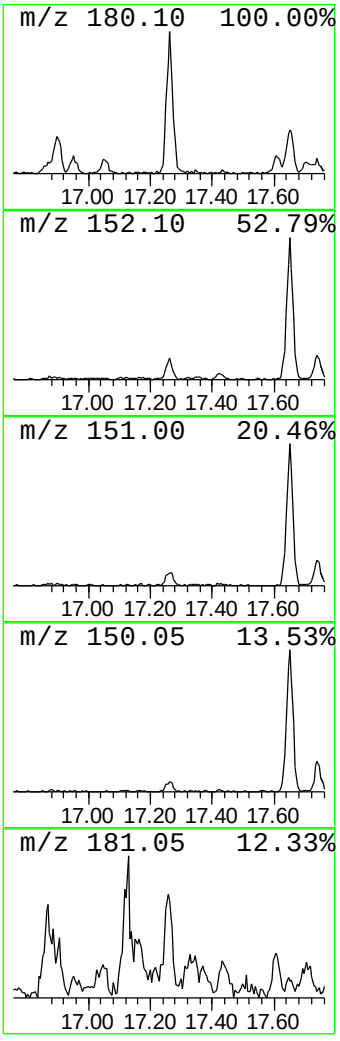
**********

Peak Number 4 Benzo[h]cinnoline Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.26 | 2.04 ng/ul | 186025 | Phenanthrene-d10 | 17.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[h]cinnoline | 180 | C12H8N2 | 000230-31-9 | 94 |
| 2 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 93 |
| 3 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 93 |
| 4 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 90 |
| 5 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 81 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

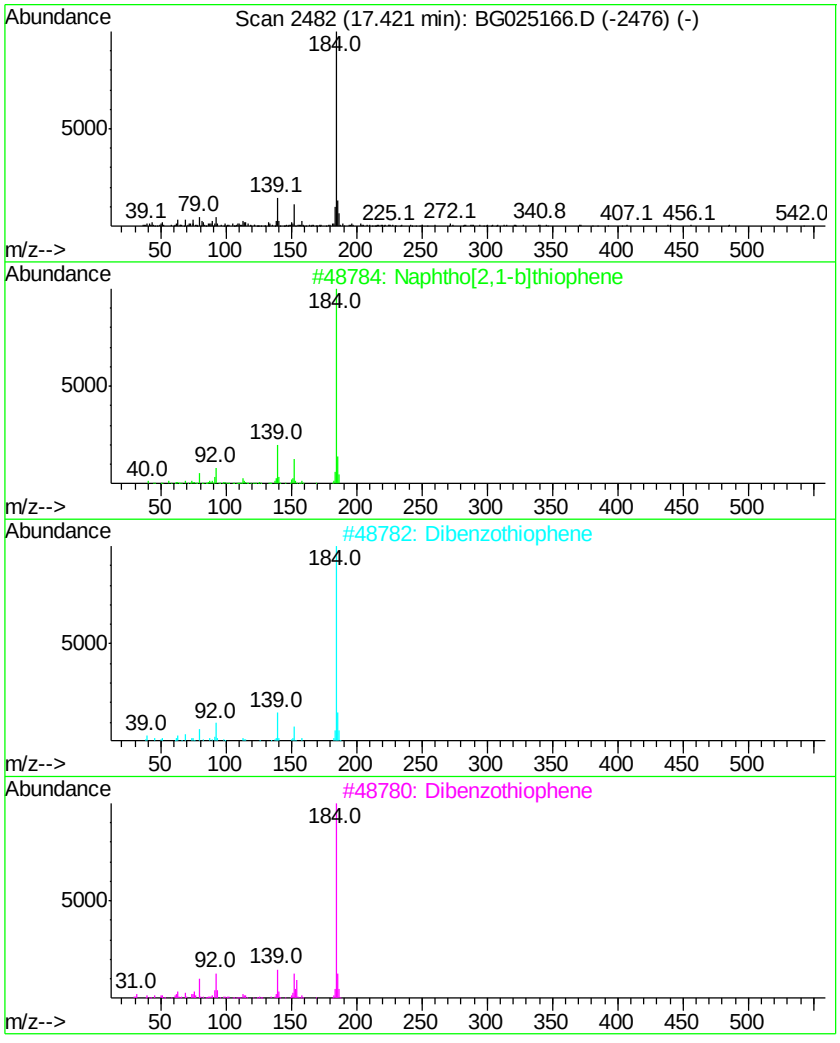
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

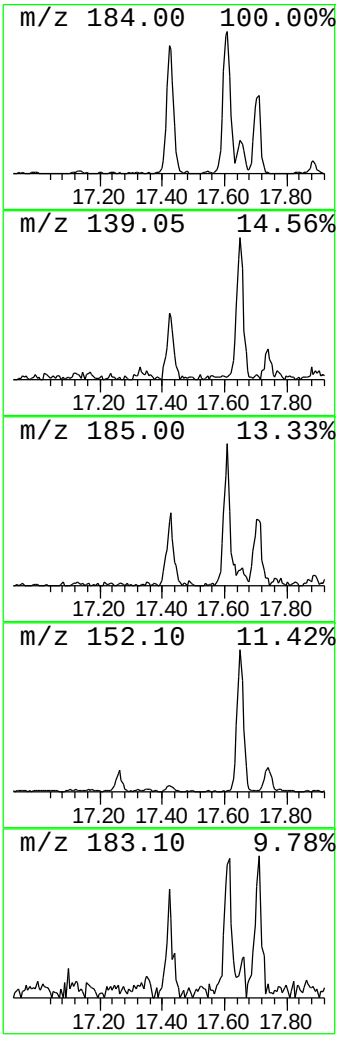
**********

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.42 | 3.10 ng/ul | 282181 | Phenanthrene-d10 | 17.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 93 |
| 2 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 93 |
| 3 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 90 |
| 4 | Azuleno(2,1-b)thiophene | 184 | C12H8S | 000248-13-5 | 90 |
| 5 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 87 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

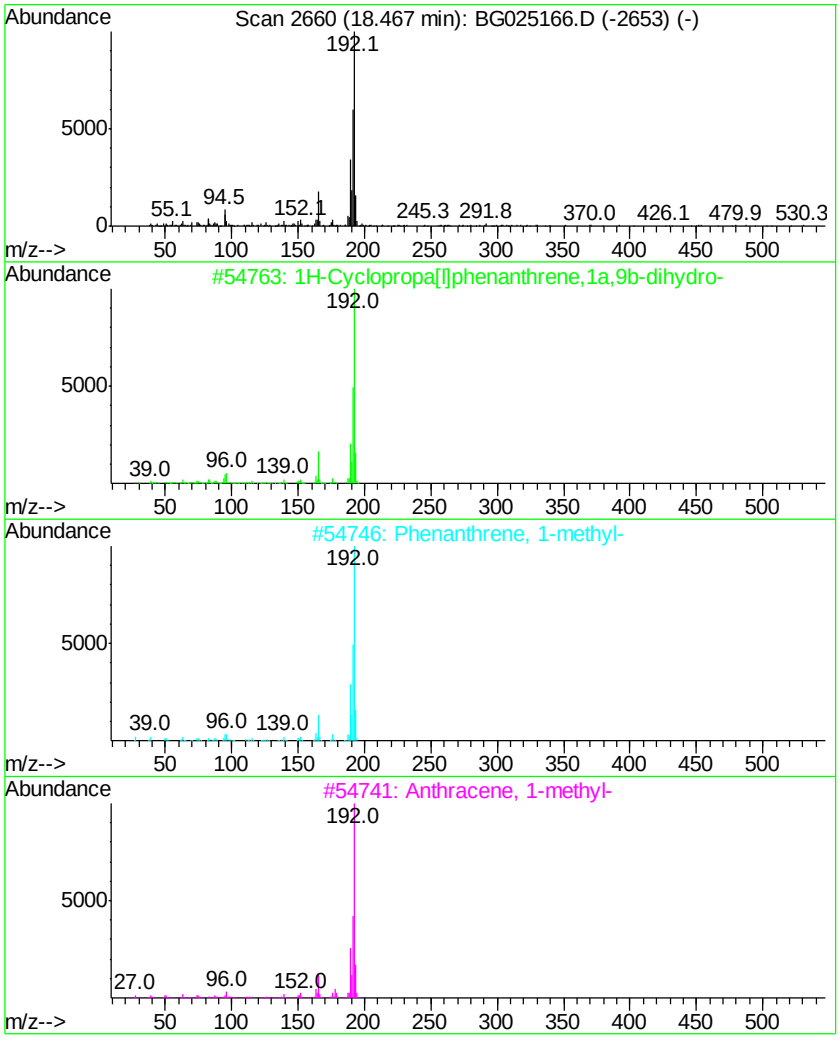
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

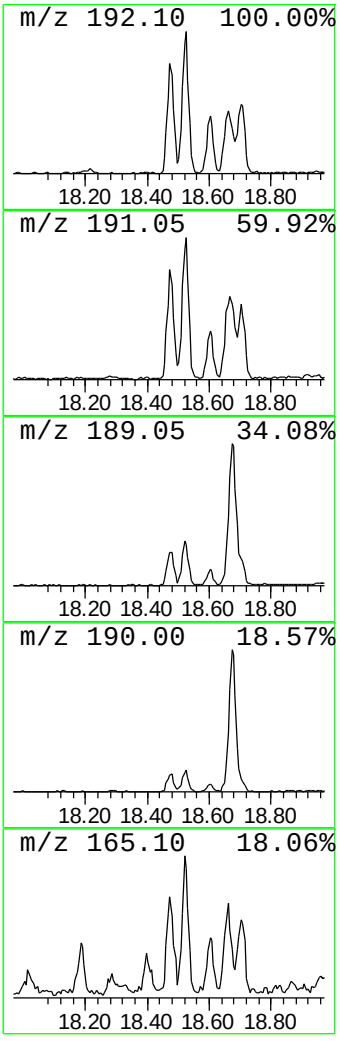
**********

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.47 | 5.85 ng/ul | 533161 | Phenanthrene-d10 | 17.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 94 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 93 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 93 |
| 4 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 90 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 90 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

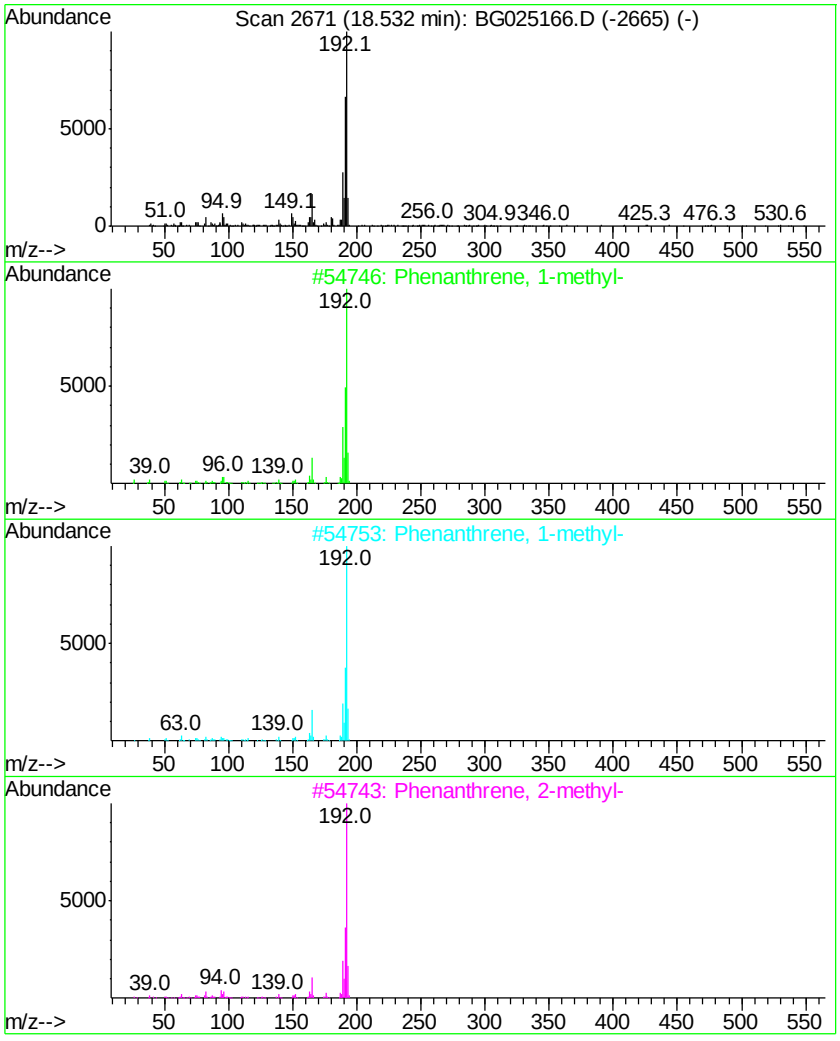
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

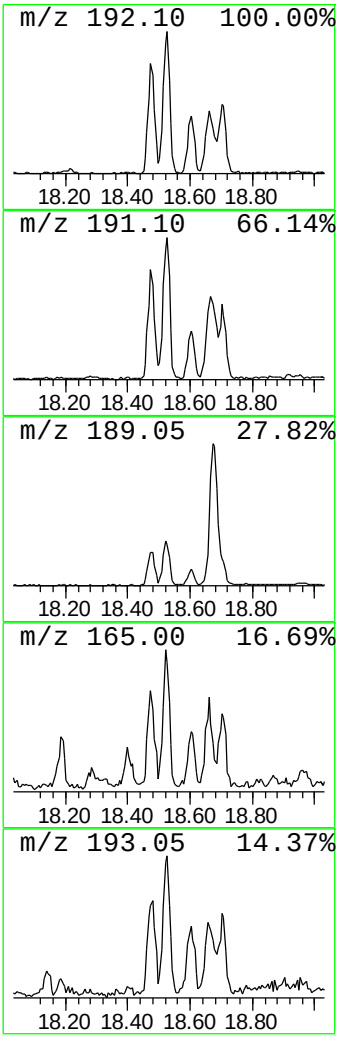
**********

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.53 | 7.57 ng/ul | 689930 | Phenanthrene-d10 | 17.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |
| 4 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 91 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 91 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

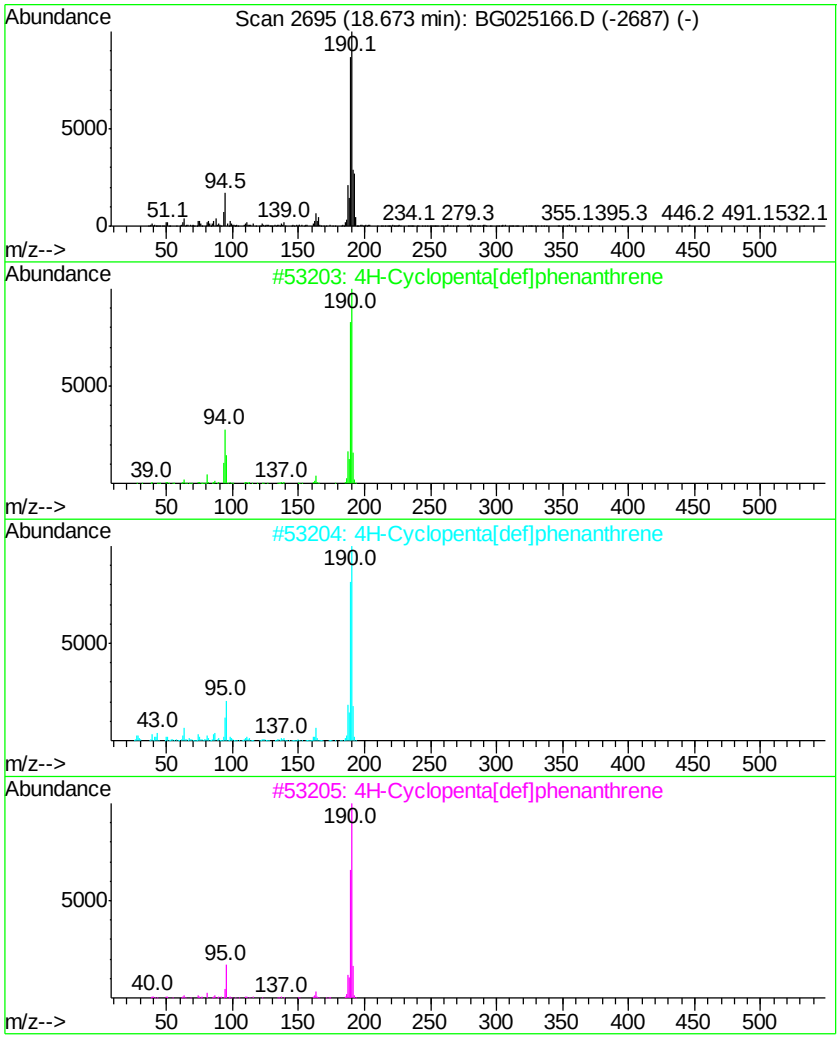
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

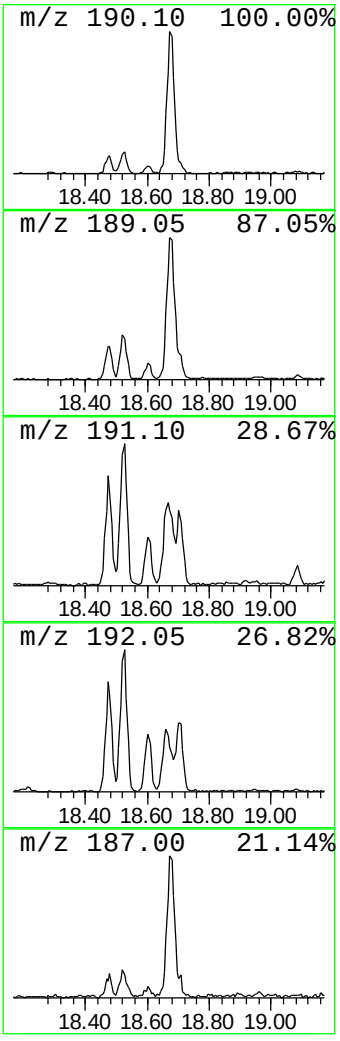
**********

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.67 | 14.46 ng/ul | 1316730 | Phenanthrene-d10 | 17.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 87 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 76 |
| 3 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 64 |
| 4 | Methyl diselenide | 190 | C2H6Se2 | 007101-31-7 | 55 |
| 5 | 2,3,5,6-Tetramethylterephthalald... | 190 | C12H14O2 | 007072-01-7 | 50 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

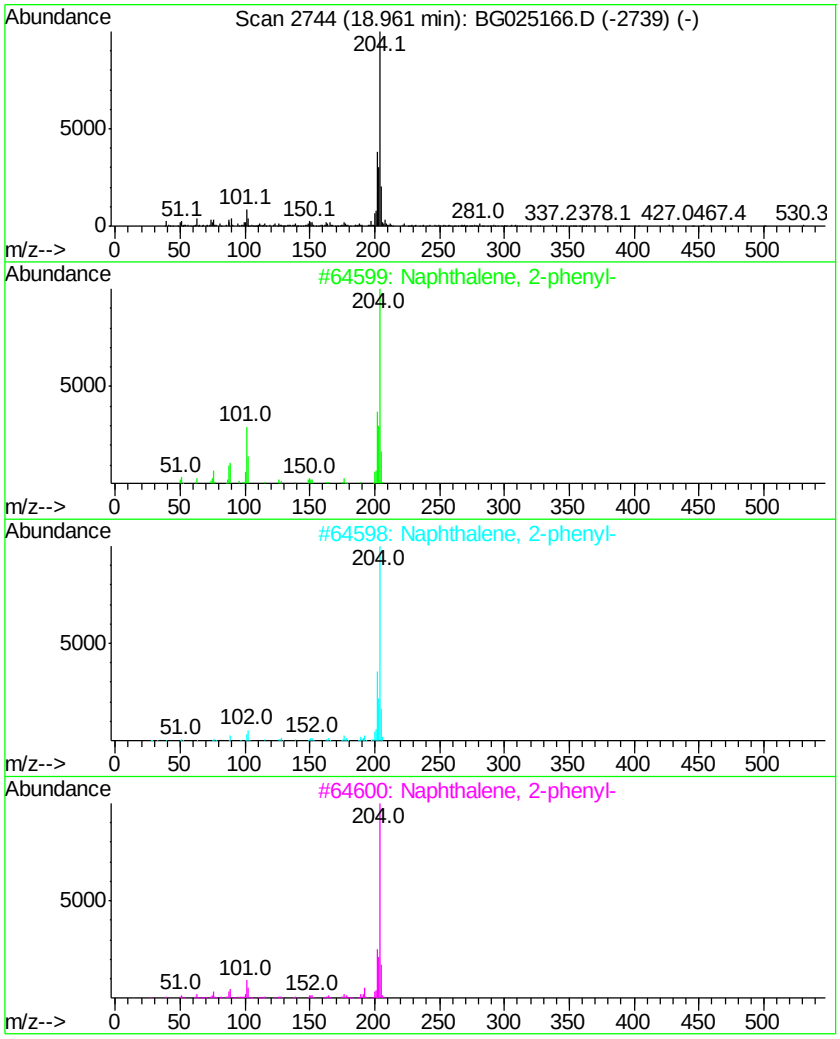
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

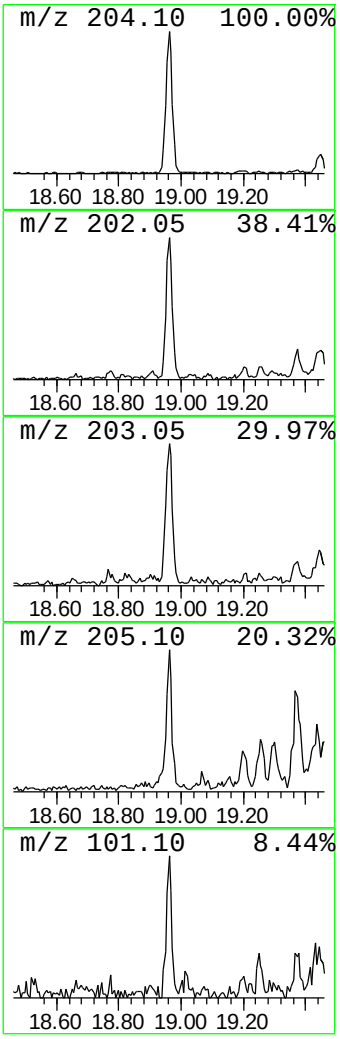
**********

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.96 | 4.57 ng/ul | 416606 | Phenanthrene-d10 | 17.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 83 |
| 2 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 64 |
| 3 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 58 |
| 4 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 55 |
| 5 | Naphthalene, 1-phenyl- | 204 | C16H12 | 000605-02-7 | 55 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

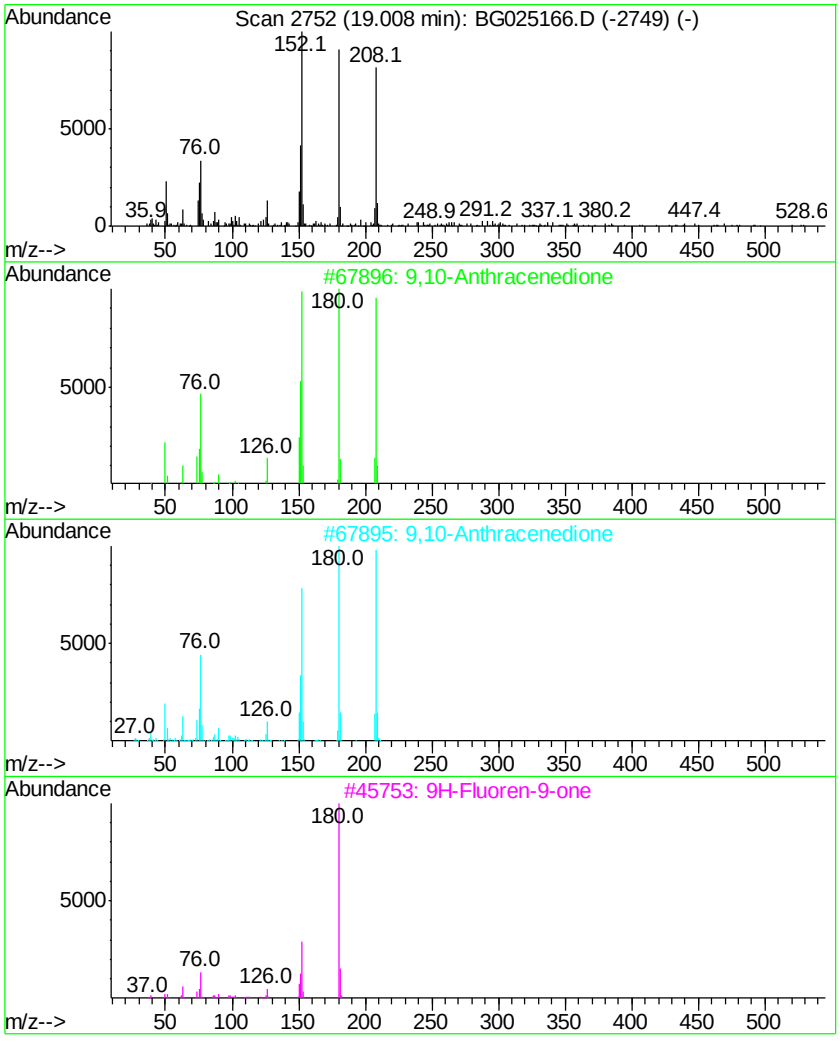
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

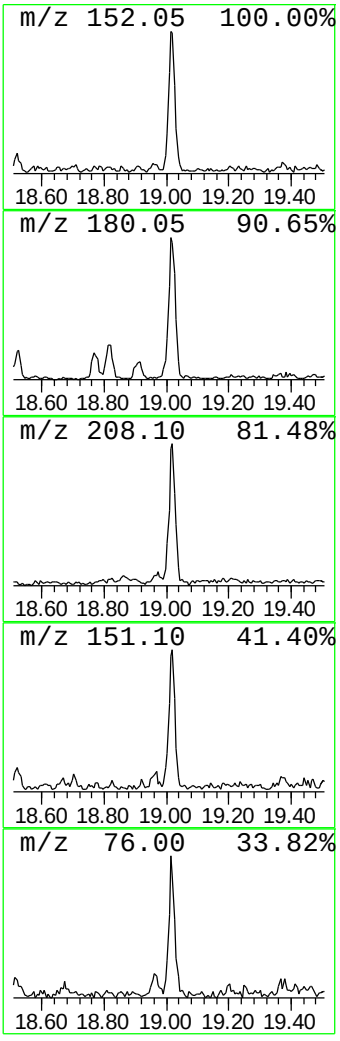
**********

Peak Number 11 9,10-Anthracenedione Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.01 | 4.65 ng/ul | 423859 | Phenanthrene-d10 | 17.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 95 |
| 2 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 93 |
| 3 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 86 |
| 4 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 76 |
| 5 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 70 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

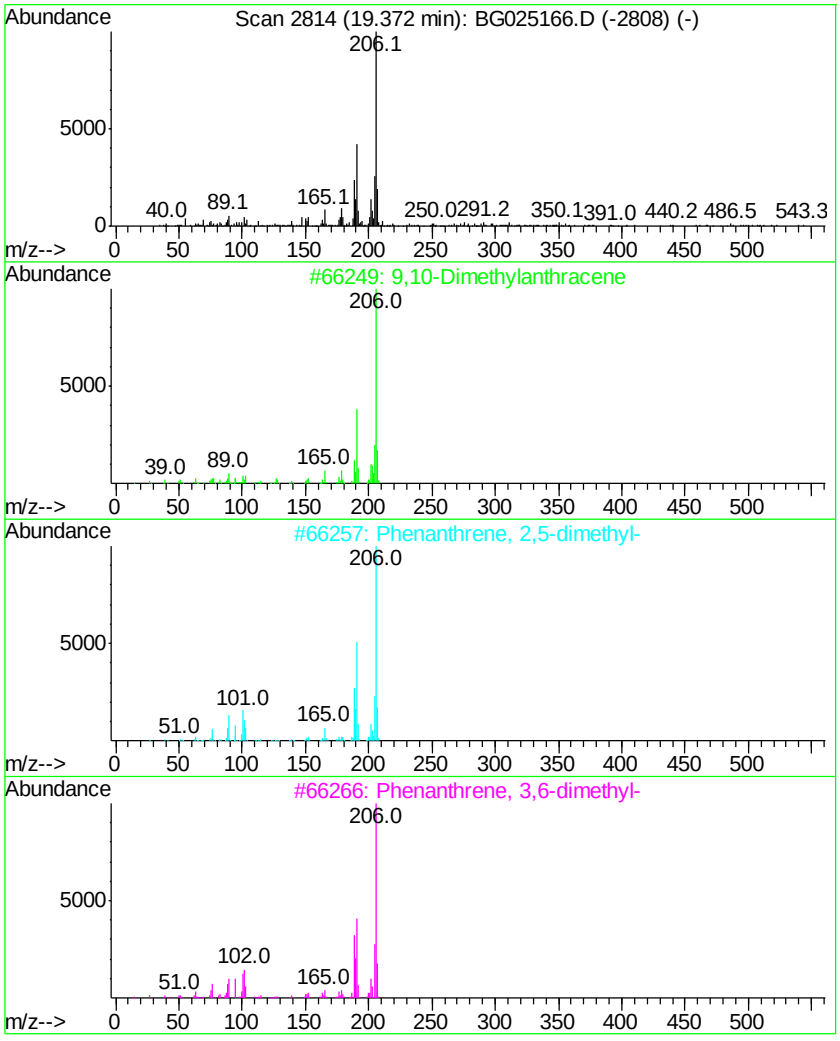
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

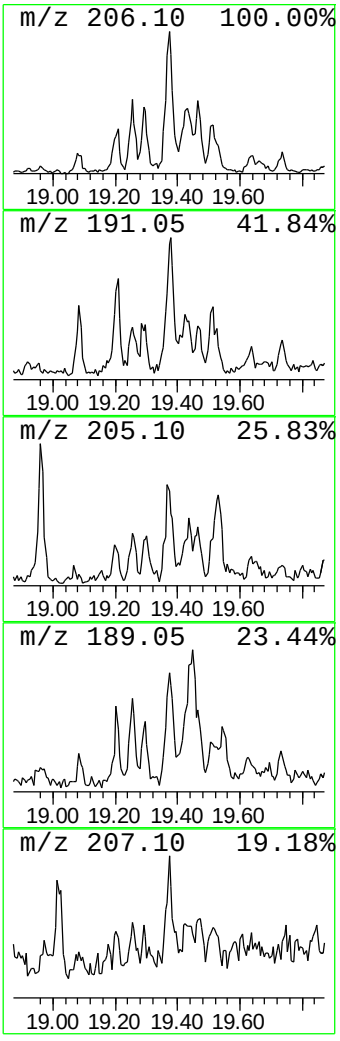
**********

Peak Number 12 9,10-Dimethylanthracene Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.37 | 3.51 ng/ul | 319678 | Phenanthrene-d10 | 17.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 93 |
| 2 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 93 |
| 3 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 90 |
| 4 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 90 |
| 5 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 87 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

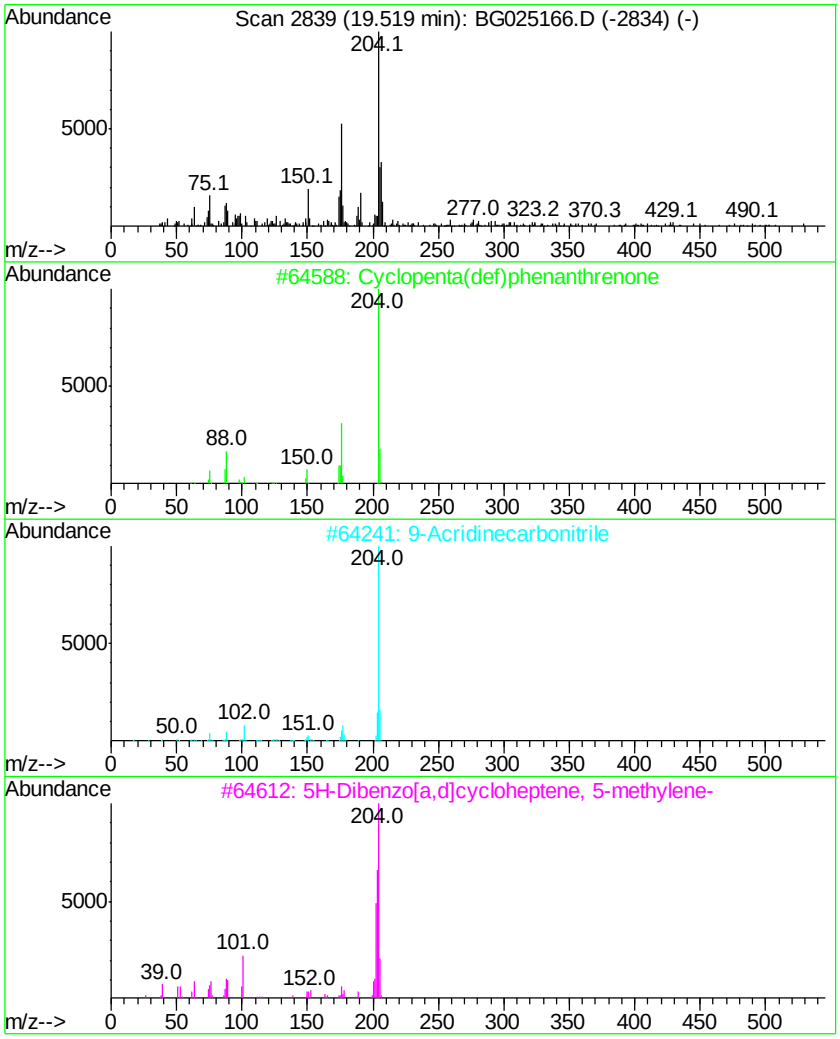
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

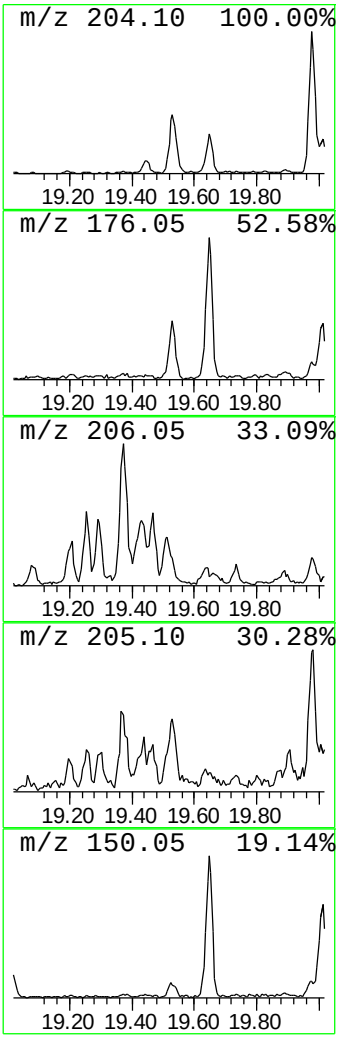
**********

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.52 | 4.25 ng/ul | 387503 | Phenanthrene-d10 | 17.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 91 |
| 2 | 9-Acridinecarbonitrile | 204 | C14H8N2 | 005326-19-2 | 50 |
| 3 | 5H-Dibenzo[a,d]cycloheptene, 5-m... | 204 | C16H12 | 002975-79-3 | 50 |
| 4 | Quinoline, 8-methoxy-5-nitro- | 204 | C10H8N2O3 | 1000298-88-7 | 49 |
| 5 | [1,1'-Biphenyl]-4,4'-dicarbonitrile | 204 | C14H8N2 | 001591-30-6 | 40 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

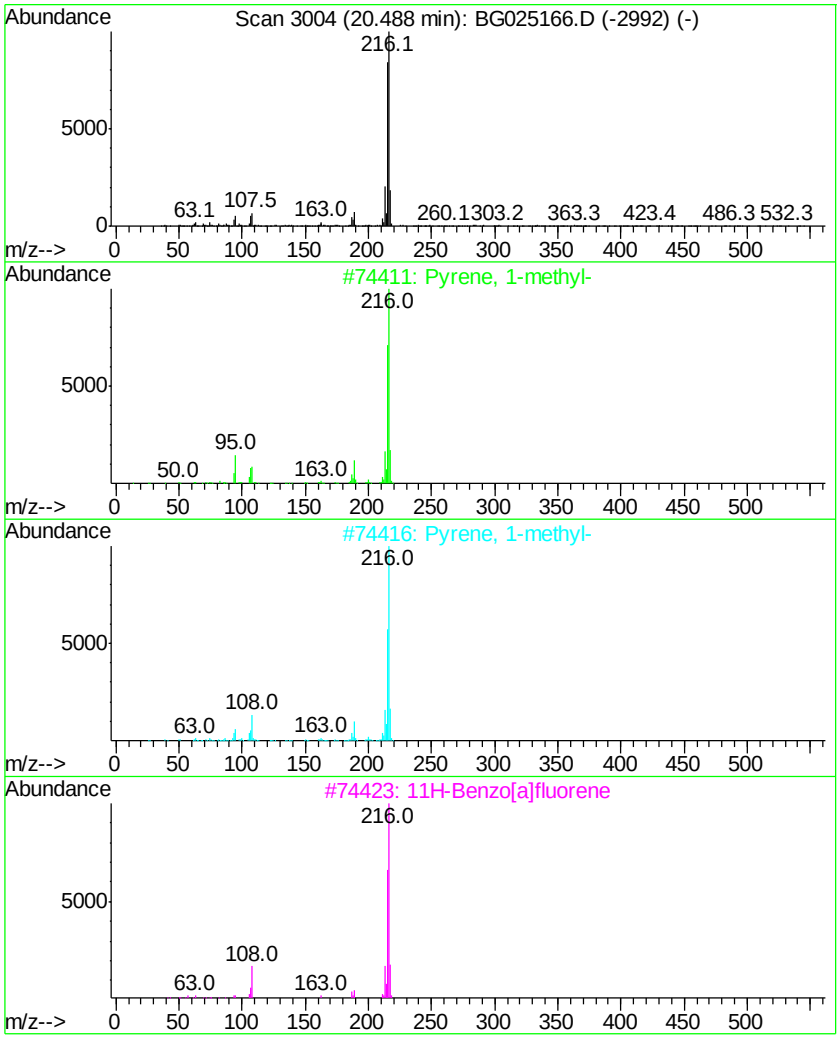
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

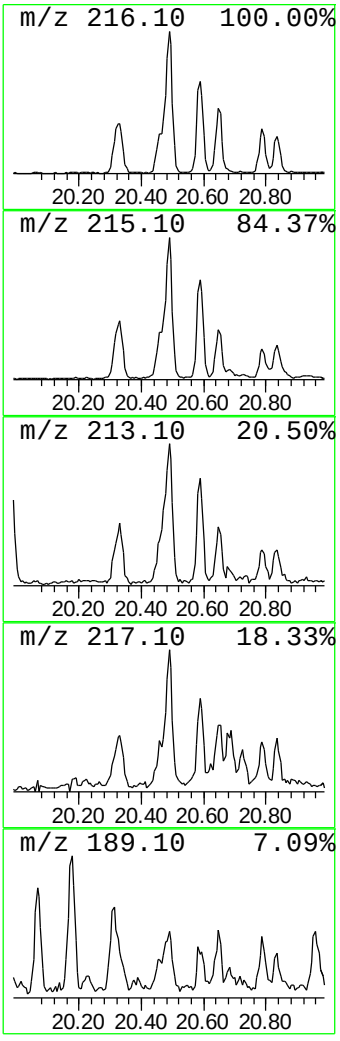
**********

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.49 | 4.06 ng/ul | 1450430 | Chrysene-d12 | 21.90 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 94 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 93 |
| 3 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 92 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 91 |
| 5 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 91 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

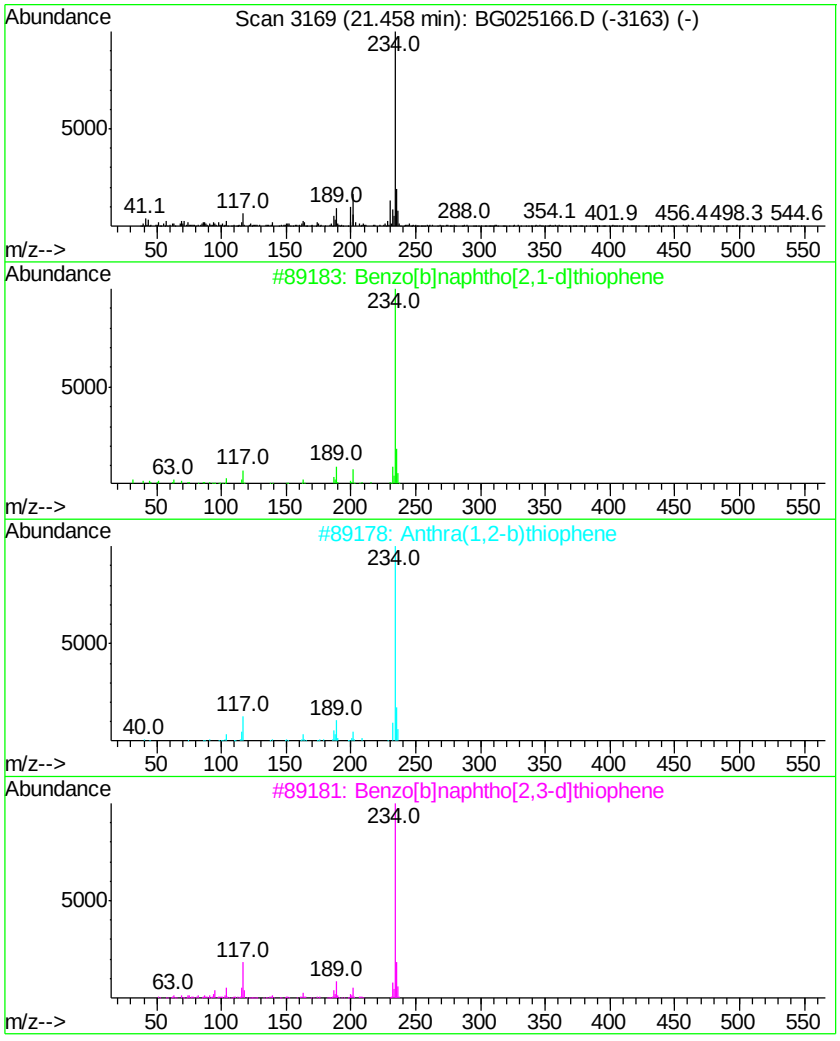
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

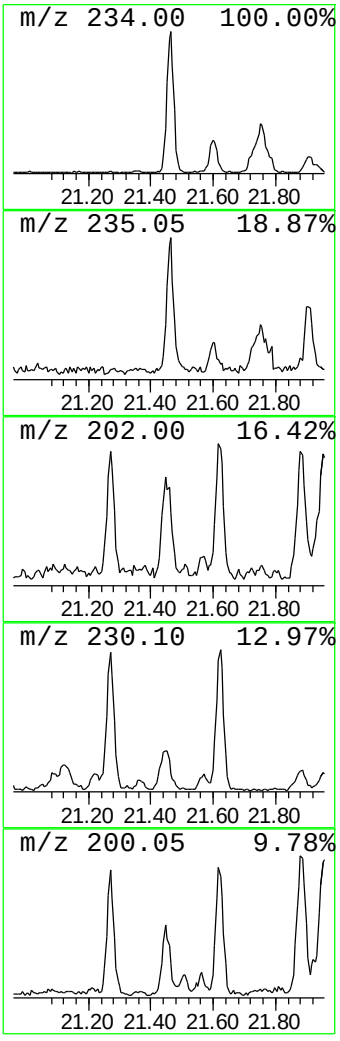
**********

Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.46 | 2.10 ng/ul | 749874 | Chrysene-d12 | 21.90 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]naphtho[2,1-d]thiophene | 234 | C16H10S | 000239-35-0 | 91 |
| 2 | Anthra(1,2-b)thiophene | 234 | C16H10S | 000227-86-1 | 90 |
| 3 | Benzo[b]naphtho[2,3-d]thiophene | 234 | C16H10S | 000243-46-9 | 81 |
| 4 | Benzo[b]naphtho[2,3-d]thiophene | 234 | C16H10S | 000243-46-9 | 81 |
| 5 | Benzo[b]naphtho[1,2-d]thiophene | 234 | C16H10S | 000205-43-6 | 81 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

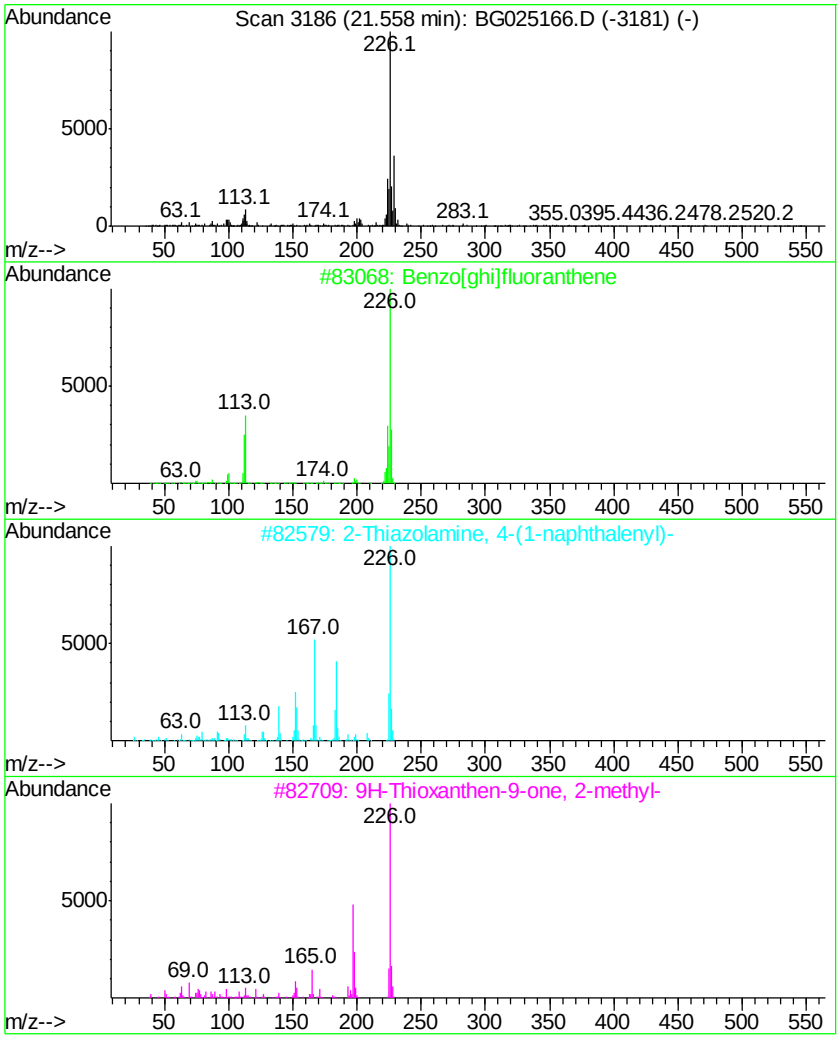
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

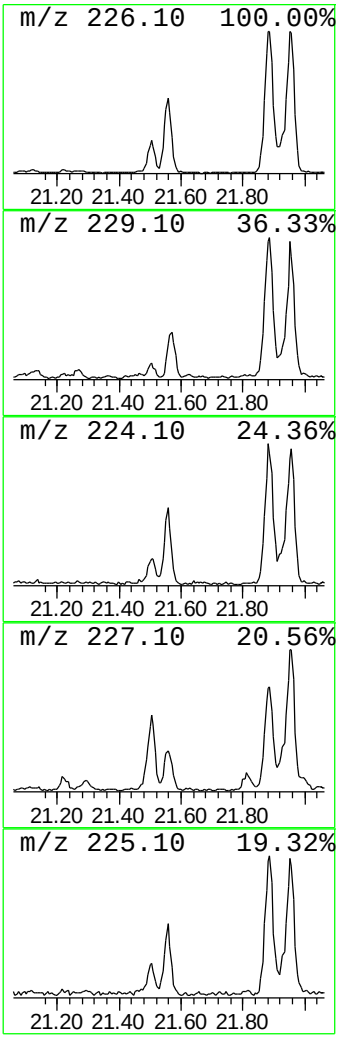
**********

Peak Number 17 Benzo[ghi]fluoranthene Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.56 | 2.10 ng/ul | 751393 | Chrysene-d12 | 21.90 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[ghi]fluoranthene | 226 | C18H10 | 000203-12-3 | 50 |
| 2 | 2-Thiazolamine, 4-(1-naphthalenyl)- | 226 | C13H10N2S | 056503-96-9 | 50 |
| 3 | 9H-Thioxanthen-9-one, 2-methyl- | 226 | C14H10OS | 015774-82-0 | 50 |
| 4 | .beta.-Carboline, 7-methoxy-1,2-... | 226 | C14H14N2O | 006519-18-2 | 50 |
| 5 | Cyclopenta[cd]pyrene | 226 | C18H10 | 027208-37-3 | 49 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

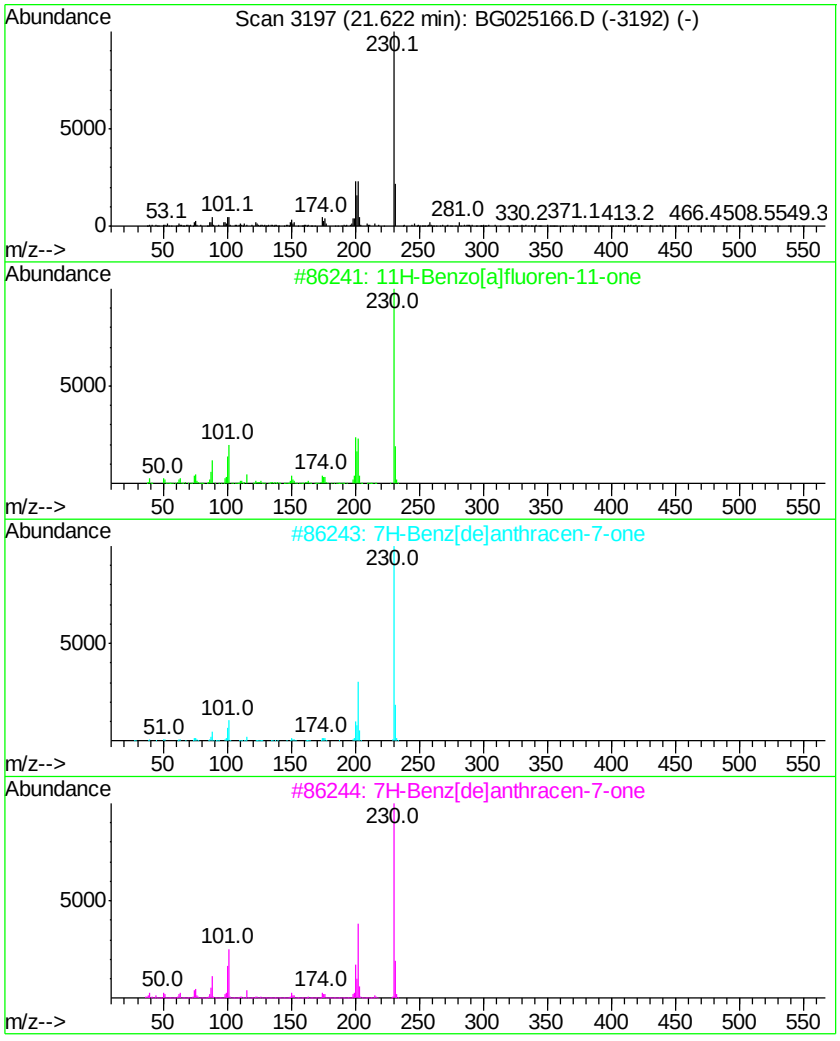
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

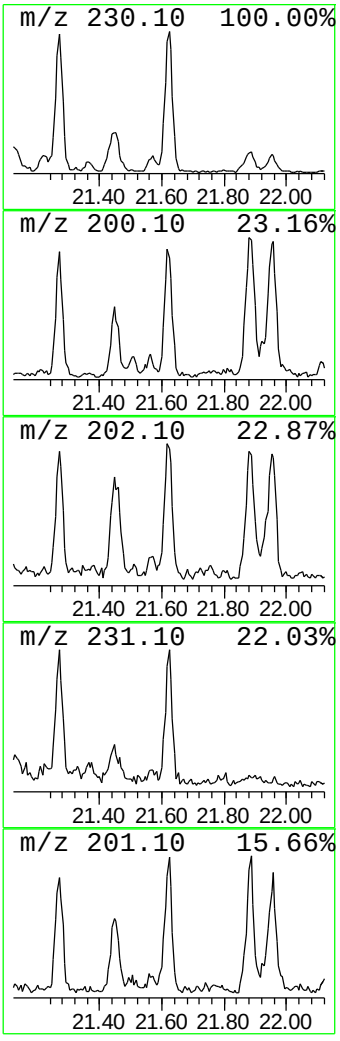
**********

Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.62 | 2.21 ng/ul | 788808 | Chrysene-d12 | 21.90 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 93 |
| 2 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 81 |
| 3 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 64 |
| 4 | 6H-Benz[de]anthracen-6-one | 230 | C17H10O | 080252-14-8 | 62 |
| 5 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 59 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

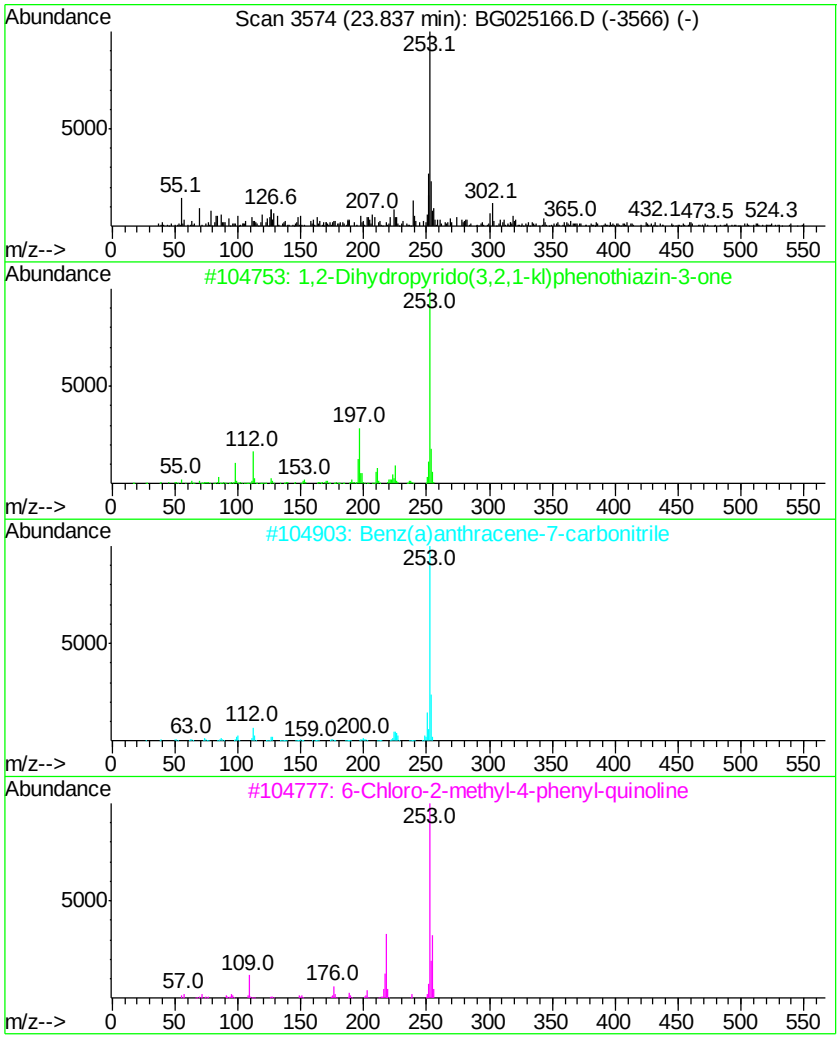
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

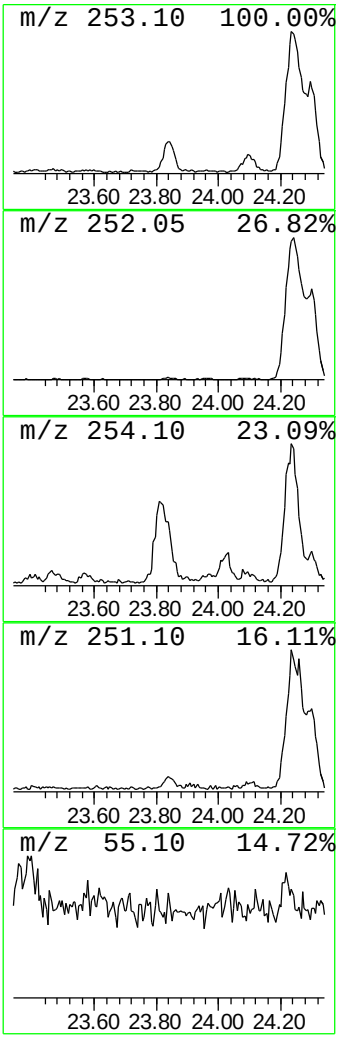
**********

Peak Number 19 1,2-Dihydropyrido(3,2,1-kl)... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.84 | 3.85 ng/ul | 353327 | Perylene-d12 | 25.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2-Dihydropyrido(3,2,1-kl)pheno... | 253 | C15H11NOS | 069513-42-4 | 64 |
| 2 | Benz(a)anthracene-7-carbonitrile | 253 | C19H11N | 007476-08-6 | 64 |
| 3 | 6-Chloro-2-methyl-4-phenyl-quino... | 253 | C16H12ClN | 022609-12-7 | 59 |
| 4 | 2,5-Cyclohexadien-1-one, 2,5-dim... | 253 | C17H19NO | 054245-93-1 | 56 |
| 5 | Benzimidazol-5-amine, 1-(4-ethox... | 253 | C15H15N3O | 007104-62-3 | 53 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

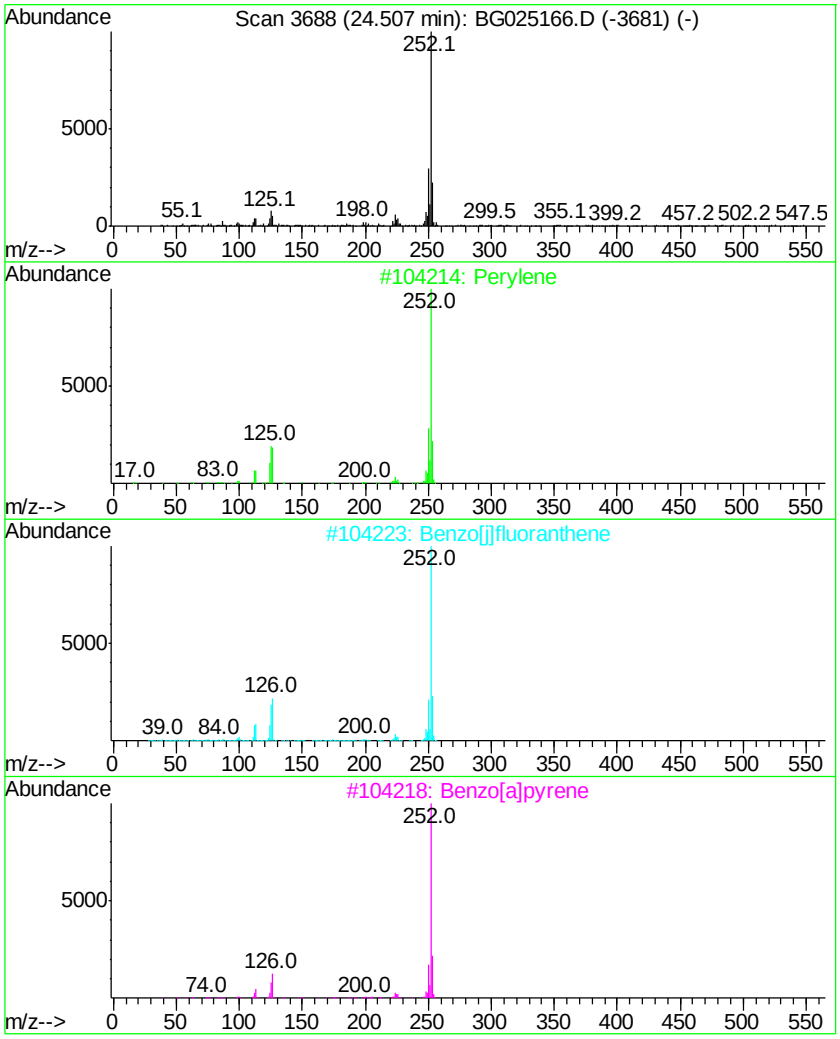
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

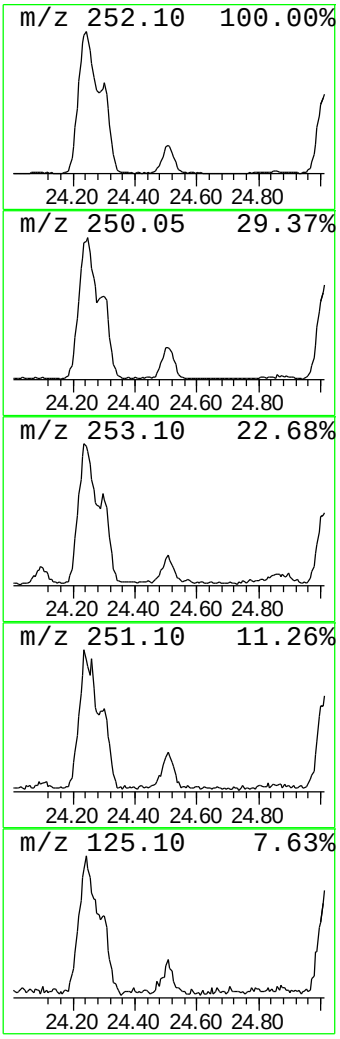
**********

Peak Number 20 Perylene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.51 | 8.06 ng/ul | 740856 | Perylene-d12 | 25.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Perylene | 252 | C20H12 | 000198-55-0 | 89 |
| 2 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 76 |
| 3 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 76 |
| 4 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 76 |
| 5 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 76 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

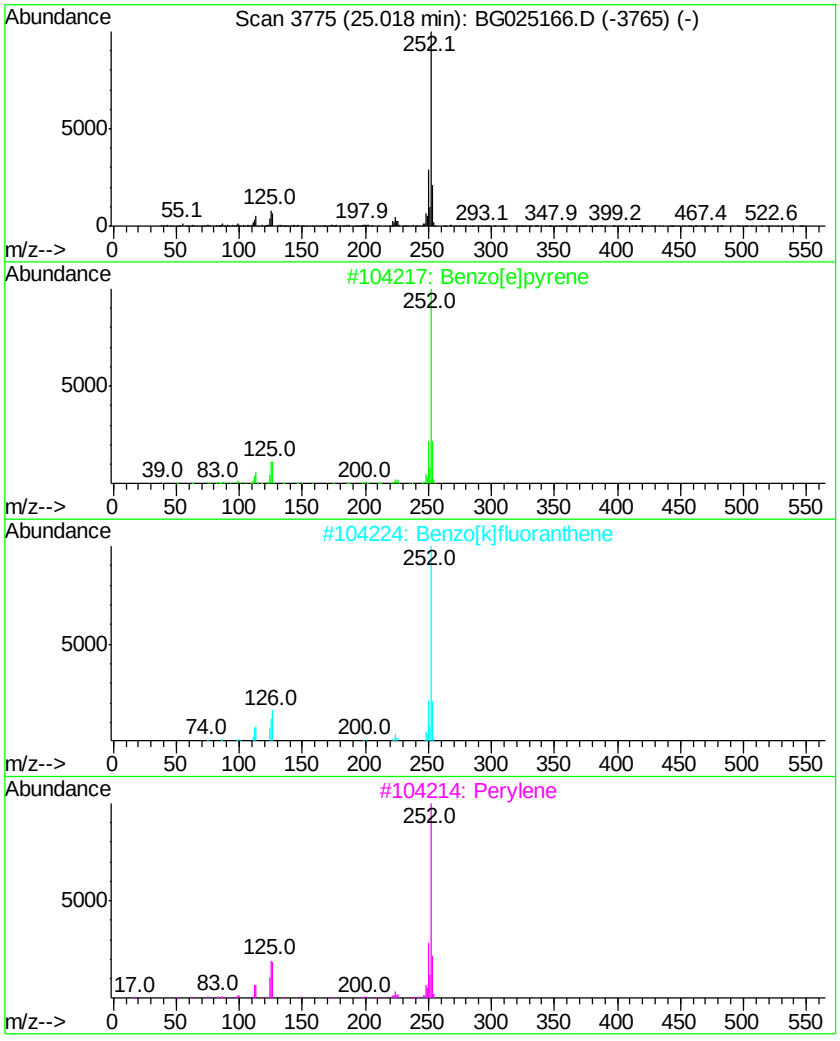
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

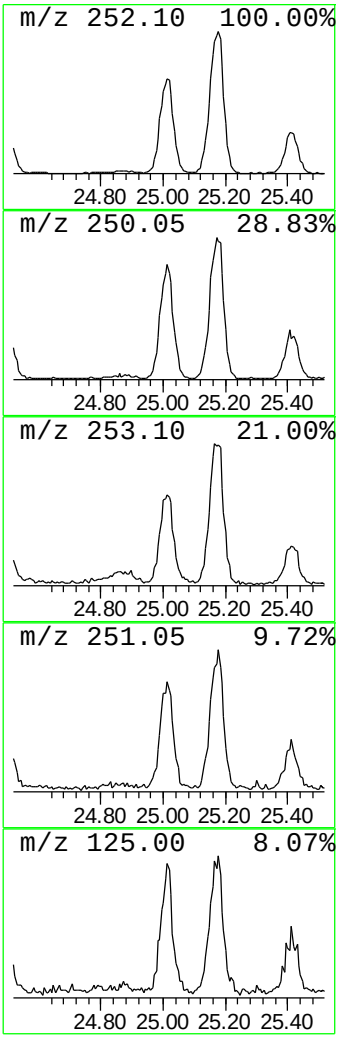
**********

Peak Number 21 Benzo[e]pyrene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.02 | 22.73 ng/ul | 2089000 | Perylene-d12 | 25.34 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 93 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 93 |
| 3 | Perylene | 252 | C20H12 | 000198-55-0 | 90 |
| 4 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 87 |
| 5 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 81 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121316\
Data File : BG025166.D
Acq On : 14 Dec 2016 4:40
Operator : UM/SJ
Sample : H5992-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** P006-SS026-1218-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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 |
| 3-Buten-2-one, 3-... | 3.27 | 6.4 | ng/ul | 216054 | 1 | 8.24 | 671073 | 20.0 |
| Pentane, 1-(1-met... | 3.36 | 3.3 | ng/ul | 111133 | 1 | 8.24 | 671073 | 20.0 |
| Methacrylamide | 4.13 | 8.2 | ng/ul | 273931 | 1 | 8.24 | 671073 | 20.0 |
| Benzo[h]cinnoline | 17.26 | 2.0 | ng/ul | 186025 | 4 | 17.60 | 1821600 | 20.0 |
| Naphtho[2,1-b]thi... | 17.42 | 3.1 | ng/ul | 282181 | 4 | 17.60 | 1821600 | 20.0 |
| 1H-Cyclopropa[l]p... | 18.47 | 5.8 | ng/ul | 533161 | 4 | 17.60 | 1821600 | 20.0 |
| Phenanthrene, 1-m... | 18.53 | 7.6 | ng/ul | 689930 | 4 | 17.60 | 1821600 | 20.0 |
| 4H-Cyclopenta[def... | 18.67 | 14.5 | ng/ul | 1316730 | 4 | 17.60 | 1821600 | 20.0 |
| Naphthalene, 2-ph... | 18.96 | 4.6 | ng/ul | 416606 | 4 | 17.60 | 1821600 | 20.0 |
| 9,10-Anthracenedione | 19.01 | 4.7 | ng/ul | 423859 | 4 | 17.60 | 1821600 | 20.0 |
| 9,10-Dimethylanth... | 19.37 | 3.5 | ng/ul | 319678 | 4 | 17.60 | 1821600 | 20.0 |
| Cyclopenta(def)ph... | 19.52 | 4.3 | ng/ul | 387503 | 4 | 17.60 | 1821600 | 20.0 |
| Pyrene, 1-methyl- | 20.49 | 4.1 | ng/ul | 1450430 | 5 | 21.90 | 7152810 | 20.0 |
| Benzo[b]naphtho[2... | 21.46 | 2.1 | ng/ul | 749874 | 5 | 21.90 | 7152810 | 20.0 |
| Benzo[ghi]fluoran... | 21.56 | 2.1 | ng/ul | 751393 | 5 | 21.90 | 7152810 | 20.0 |
| 11H-Benzo[a]fluor... | 21.62 | 2.2 | ng/ul | 788808 | 5 | 21.90 | 7152810 | 20.0 |
| 1,2-Dihydropyrido... | 23.84 | 3.9 | ng/ul | 353327 | 6 | 25.34 | 1837770 | 20.0 |
| Perylene | 24.51 | 8.1 | ng/ul | 740856 | 6 | 25.34 | 1837770 | 20.0 |
| Benzo[e]pyrene | 25.02 | 22.7 | ng/ul | 2089000 | 6 | 25.34 | 1837770 | 20.0 |