LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

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_N\METHODS\SOM-EPA-BN021220MA.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 | 6.581 | 602 | 611 | 626 | rBV2 | 204174 | 464395 | 1.61% | 0.224% |
| 2 | 6.728 | 630 | 636 | 648 | rBV | 152376 | 262748 | 0.91% | 0.127% |
| 3 | 6.911 | 660 | 667 | 680 | rVB | 222262 | 371177 | 1.29% | 0.179% |
| 4 | 7.364 | 738 | 744 | 755 | rBV | 435919 | 709880 | 2.47% | 0.342% |
| 5 | 7.893 | 824 | 834 | 856 | rBV | 339631 | 650855 | 2.26% | 0.313% |
| 6 | 8.093 | 862 | 868 | 880 | rBV | 234587 | 434621 | 1.51% | 0.209% |
| 7 | 8.516 | 932 | 940 | 954 | rBV | 204752 | 406977 | 1.41% | 0.196% |
| 8 | 9.228 | 1055 | 1061 | 1078 | rBV | 168569 | 329722 | 1.15% | 0.159% |
| 9 | 9.769 | 1146 | 1153 | 1167 | rBV | 210393 | 462144 | 1.61% | 0.223% |
| 10 | 10.110 | 1204 | 1211 | 1217 | rBV | 637006 | 1050388 | 3.65% | 0.506% |
| 11 | 11.640 | 1465 | 1471 | 1481 | rBV | 131307 | 280037 | 0.97% | 0.135% |
| 12 | 11.787 | 1487 | 1496 | 1504 | rBV | 169574 | 289705 | 1.01% | 0.140% |
| 13 | 12.922 | 1683 | 1689 | 1700 | rBV2 | 118338 | 218776 | 0.76% | 0.105% |
| 14 | 13.440 | 1770 | 1777 | 1781 | rBV | 455818 | 668240 | 2.32% | 0.322% |
| 15 | 13.693 | 1814 | 1820 | 1823 | rBV | 545852 | 851352 | 2.96% | 0.410% |
| 16 | 13.722 | 1823 | 1825 | 1836 | rVB | 495635 | 674490 | 2.34% | 0.325% |
| 17 | 14.004 | 1867 | 1873 | 1881 | rVV | 900196 | 1400112 | 4.86% | 0.674% |
| 18 | 14.281 | 1915 | 1920 | 1926 | rVV | 120025 | 257901 | 0.90% | 0.124% |
| 19 | 14.416 | 1938 | 1943 | 1949 | rVV | 252438 | 405392 | 1.41% | 0.195% |
| 20 | 15.016 | 2039 | 2045 | 2049 | rBV | 693832 | 957034 | 3.32% | 0.461% |
| 21 | 15.069 | 2049 | 2054 | 2066 | rVB2 | 676753 | 998351 | 3.47% | 0.481% |
| 22 | 15.181 | 2068 | 2073 | 2080 | rBV2 | 185692 | 338979 | 1.18% | 0.163% |
| 23 | 15.757 | 2164 | 2171 | 2175 | rBV3 | 243258 | 502225 | 1.74% | 0.242% |
| 24 | 15.792 | 2175 | 2177 | 2182 | rVB | 181580 | 203311 | 0.71% | 0.098% |
| 25 | 16.616 | 2313 | 2317 | 2322 | rVB | 231794 | 353294 | 1.23% | 0.170% |
| 26 | 16.769 | 2337 | 2343 | 2346 | rBV | 1090605 | 1494824 | 5.19% | 0.720% |
| 27 | 16.810 | 2346 | 2350 | 2355 | rVV | 1372334 | 1910468 | 6.64% | 0.920% |
| 28 | 16.916 | 2355 | 2368 | 2373 | rVV | 17160603 | 25620648 | 89.01% | 12.340% |
| 29 | 16.969 | 2373 | 2377 | 2384 | rVB2 | 154984 | 266482 | 0.93% | 0.128% |
| 30 | 17.187 | 2405 | 2414 | 2425 | rBV | 3014785 | 4543187 | 15.78% | 2.188% |
| 31 | 17.298 | 2429 | 2433 | 2439 | rVV3 | 215132 | 302357 | 1.05% | 0.146% |
| 32 | 17.475 | 2459 | 2463 | 2472 | rVB3 | 100554 | 195772 | 0.68% | 0.094% |
| 33 | 17.698 | 2497 | 2501 | 2506 | rBV2 | 230650 | 362093 | 1.26% | 0.174% |
| 34 | 17.775 | 2510 | 2514 | 2519 | rVV | 674438 | 887459 | 3.08% | 0.427% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
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Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

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_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 17.851 | 2522 | 2527 | 2540 | rVB3 | 262306 | 594426 | 2.07% | 0.286% |
| 36 | 17.957 | 2541 | 2545 | 2548 | rBV2 | 153910 | 212719 | 0.74% | 0.102% |
| 37 | 17.998 | 2548 | 2552 | 2556 | rBV3 | 266847 | 398818 | 1.39% | 0.192% |
| 38 | 18.045 | 2556 | 2560 | 2567 | rBV | 659734 | 981754 | 3.41% | 0.473% |
| 39 | 18.204 | 2582 | 2587 | 2592 | rBV2 | 771286 | 1071881 | 3.72% | 0.516% |
| 40 | 18.722 | 2671 | 2675 | 2680 | rBV | 524447 | 735652 | 2.56% | 0.354% |
| 41 | 18.839 | 2690 | 2695 | 2701 | rVB | 2047168 | 2717742 | 9.44% | 1.309% |
| 42 | 18.945 | 2709 | 2713 | 2717 | rVB | 402749 | 537447 | 1.87% | 0.259% |
| 43 | 18.998 | 2718 | 2722 | 2726 | rVB | 342441 | 426600 | 1.48% | 0.205% |
| 44 | 19.075 | 2730 | 2735 | 2740 | rBV2 | 484110 | 722835 | 2.51% | 0.348% |
| 45 | 19.181 | 2748 | 2753 | 2755 | rBV | 1154640 | 1724997 | 5.99% | 0.831% |
| 46 | 19.210 | 2755 | 2758 | 2761 | rVV | 2902477 | 3538338 | 12.29% | 1.704% |
| 47 | 19.239 | 2761 | 2763 | 2768 | rVV | 438519 | 541948 | 1.88% | 0.261% |
| 48 | 19.292 | 2768 | 2772 | 2779 | rVB3 | 222108 | 424515 | 1.47% | 0.204% |
| 49 | 19.398 | 2786 | 2790 | 2795 | rBV3 | 235595 | 380759 | 1.32% | 0.183% |
| 50 | 19.463 | 2796 | 2801 | 2806 | rVB | 857296 | 1197468 | 4.16% | 0.577% |
| 51 | 19.557 | 2810 | 2817 | 2822 | rVV3 | 447199 | 1114562 | 3.87% | 0.537% |
| 52 | 19.692 | 2833 | 2840 | 2849 | rBV4 | 1224460 | 2767650 | 9.62% | 1.333% |
| 53 | 19.769 | 2850 | 2853 | 2857 | rBV4 | 182065 | 308142 | 1.07% | 0.148% |
| 54 | 19.816 | 2858 | 2861 | 2864 | rBV2 | 172851 | 194214 | 0.67% | 0.094% |
| 55 | 19.869 | 2865 | 2870 | 2874 | rBV3 | 768990 | 1373863 | 4.77% | 0.662% |
| 56 | 20.016 | 2890 | 2895 | 2899 | rBV | 943506 | 1395682 | 4.85% | 0.672% |
| 57 | 20.057 | 2899 | 2902 | 2907 | rVV3 | 388175 | 623444 | 2.17% | 0.300% |
| 58 | 20.275 | 2936 | 2939 | 2942 | rBV4 | 257144 | 388823 | 1.35% | 0.187% |
| 59 | 20.380 | 2954 | 2957 | 2961 | rBV3 | 306653 | 342914 | 1.19% | 0.165% |
| 60 | 20.433 | 2962 | 2966 | 2970 | rBV2 | 485746 | 756694 | 2.63% | 0.364% |
| 61 | 20.475 | 2970 | 2973 | 2980 | rBV3 | 737680 | 1311347 | 4.56% | 0.632% |
| 62 | 20.633 | 2997 | 3000 | 3004 | rBV | 510594 | 689461 | 2.40% | 0.332% |
| 63 | 20.675 | 3004 | 3007 | 3010 | rVV2 | 874376 | 1186856 | 4.12% | 0.572% |
| 64 | 20.710 | 3010 | 3013 | 3022 | rVV | 2534756 | 4217483 | 14.65% | 2.031% |
| 65 | 20.780 | 3022 | 3025 | 3029 | rVV2 | 675651 | 908842 | 3.16% | 0.438% |
| 66 | 20.828 | 3030 | 3033 | 3036 | rVB | 502898 | 581028 | 2.02% | 0.280% |
| 67 | 20.904 | 3044 | 3046 | 3050 | rVB | 362549 | 397618 | 1.38% | 0.192% |
| 68 | 20.986 | 3051 | 3060 | 3063 | rVV2 | 4712571 | 8975702 | 31.18% | 4.323% |
| 69 | 21.016 | 3063 | 3065 | 3066 | rVV | 3452462 | 3424617 | 11.90% | 1.649% |
| 70 | 21.033 | 3066 | 3068 | 3078 | rVB2 | 4424125 | 5896014 | 20.48% | 2.840% |
| 71 | 21.169 | 3088 | 3091 | 3096 | rVB4 | 442656 | 564467 | 1.96% | 0.272% |

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Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

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_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 21.263 | 3104 | 3107 | 3110 | rVB2 | 646108 | 798625 | 2.77% | 0.385% |
| 73 | 21.298 | 3110 | 3113 | 3119 | rVB | 1209021 | 1599866 | 5.56% | 0.771% |
| 74 | 21.357 | 3120 | 3123 | 3127 | rBV | 760735 | 880007 | 3.06% | 0.424% |
| 75 | 21.433 | 3134 | 3136 | 3141 | rVB3 | 305600 | 356892 | 1.24% | 0.172% |
| 76 | 21.480 | 3141 | 3144 | 3147 | rBV2 | 558302 | 754989 | 2.62% | 0.364% |
| 77 | 21.533 | 3147 | 3153 | 3156 | rVV | 1487134 | 2176229 | 7.56% | 1.048% |
| 78 | 21.580 | 3158 | 3161 | 3168 | rVB3 | 694532 | 1256806 | 4.37% | 0.605% |
| 79 | 21.645 | 3168 | 3172 | 3178 | rVB2 | 582056 | 884884 | 3.07% | 0.426% |
| 80 | 21.710 | 3180 | 3183 | 3186 | rBV2 | 613381 | 858460 | 2.98% | 0.413% |
| 81 | 21.810 | 3197 | 3200 | 3204 | rVB | 497193 | 642737 | 2.23% | 0.310% |
| 82 | 21.992 | 3228 | 3231 | 3235 | rBV2 | 541798 | 815950 | 2.83% | 0.393% |
| 83 | 22.257 | 3270 | 3276 | 3280 | rBV2 | 2018325 | 3299358 | 11.46% | 1.589% |
| 84 | 22.380 | 3293 | 3297 | 3301 | rBV | 1162985 | 1745989 | 6.07% | 0.841% |
| 85 | 22.510 | 3308 | 3319 | 3322 | rBV2 | 12056178 | 28783454 | 100.00% | 13.863% |
| 86 | 22.586 | 3329 | 3332 | 3337 | rVB | 596897 | 848738 | 2.95% | 0.409% |
| 87 | 22.645 | 3337 | 3342 | 3346 | rBV | 1638676 | 2302612 | 8.00% | 1.109% |
| 88 | 22.763 | 3357 | 3362 | 3370 | rBV | 742064 | 1778898 | 6.18% | 0.857% |
| 89 | 22.933 | 3383 | 3391 | 3395 | rBV | 5654664 | 9801240 | 34.05% | 4.721% |
| 90 | 23.016 | 3399 | 3405 | 3411 | rVB | 5401115 | 9039111 | 31.40% | 4.354% |
| 91 | 23.092 | 3414 | 3418 | 3422 | rBV | 673364 | 1169553 | 4.06% | 0.563% |
| 92 | 23.145 | 3422 | 3427 | 3439 | rVB2 | 1981295 | 4248104 | 14.76% | 2.046% |
| 93 | 23.580 | 3497 | 3501 | 3510 | rVB5 | 460915 | 897963 | 3.12% | 0.432% |
| 94 | 24.245 | 3609 | 3614 | 3620 | rBV4 | 315484 | 646203 | 2.25% | 0.311% |
| 95 | 24.521 | 3654 | 3661 | 3667 | rBV4 | 307219 | 867629 | 3.01% | 0.418% |
| 96 | 24.739 | 3690 | 3698 | 3707 | rVB | 1523804 | 3962919 | 13.77% | 1.909% |
| 97 | 24.945 | 3724 | 3733 | 3741 | rBV5 | 514931 | 1703788 | 5.92% | 0.821% |
| 98 | 25.145 | 3757 | 3767 | 3775 | rVB | 3487414 | 8669426 | 30.12% | 4.176% |
| 99 | 25.374 | 3796 | 3806 | 3813 | rBV2 | 3941430 | 9670460 | 33.60% | 4.658% |
| 100 | 25.768 | 3863 | 3873 | 3886 | rVB2 | 1431908 | 4410338 | 15.32% | 2.124% |

Sum of corrected areas: 207623946

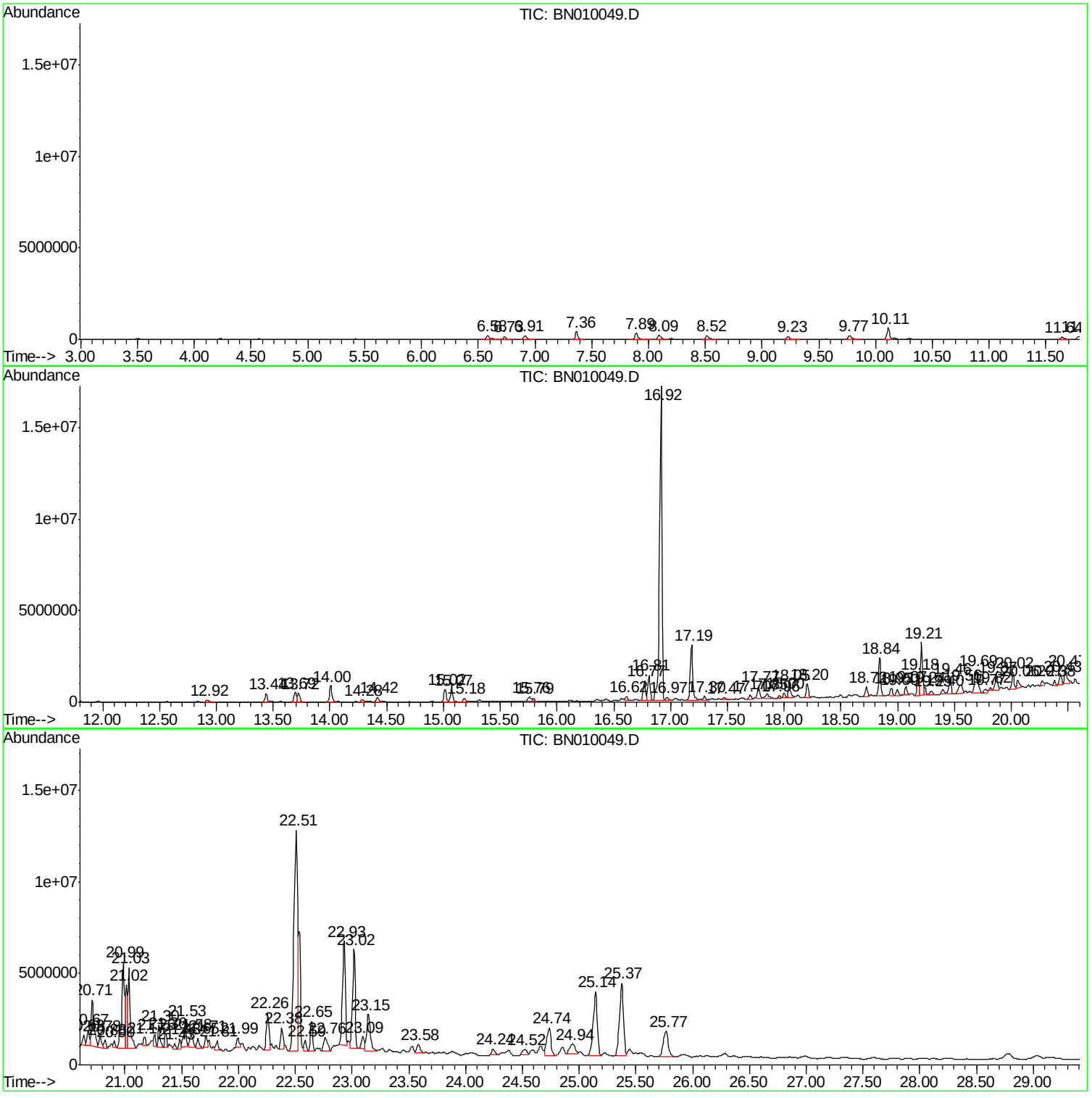
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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 N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

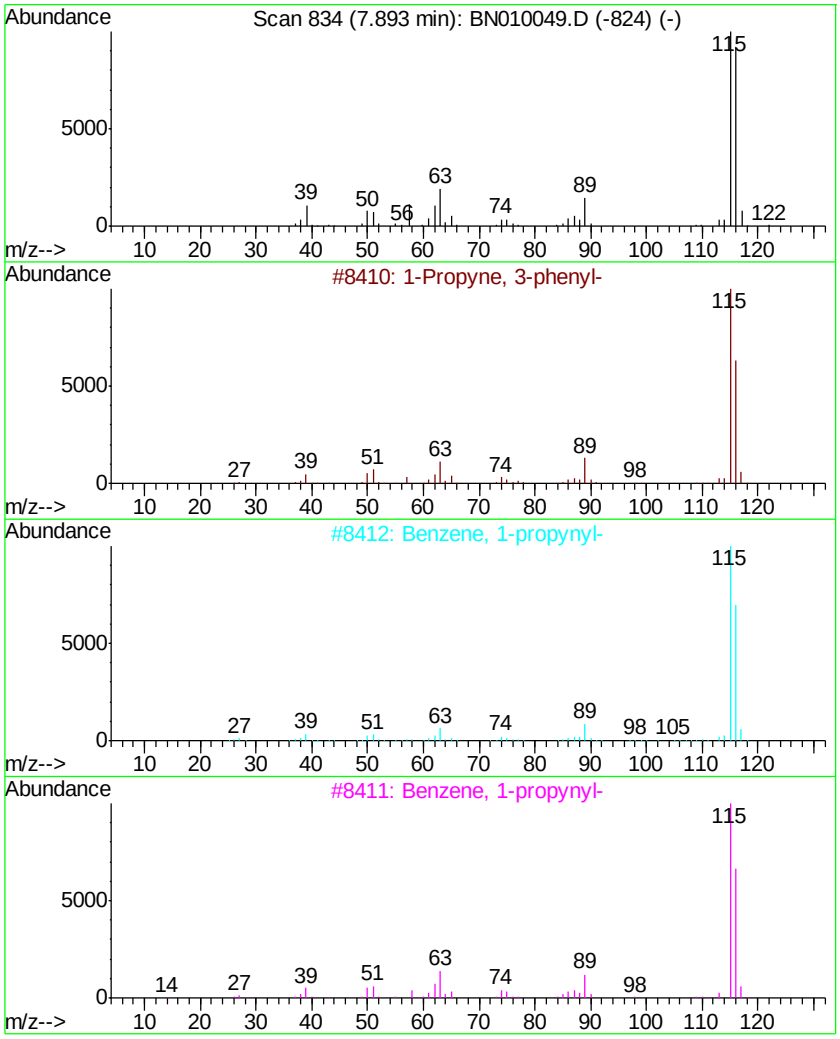
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

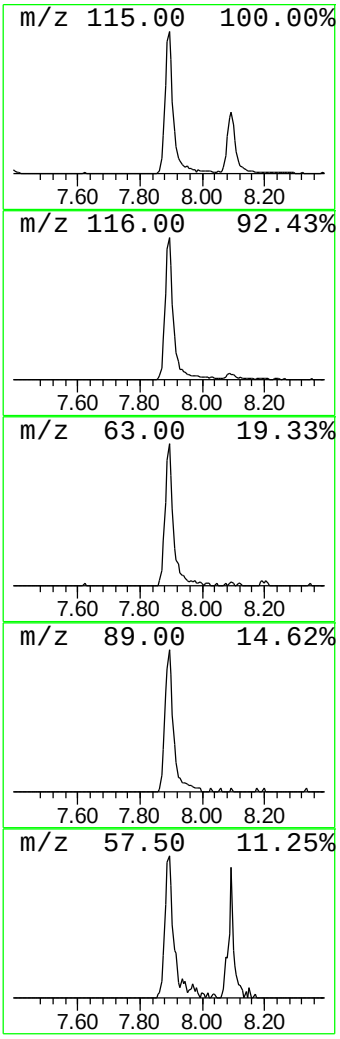
**********

Peak Number 1 1-Propyne, 3-phenyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.89 | 18.34 ng/ul | 650855 | 1,4-Dichlorobenzene-d4 | 7.36 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Propyne, 3-phenyl- | 116 | C9H8 | 010147-11-2 | 91 |
| 2 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 91 |
| 3 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 91 |
| 4 | Benzene, 1-ethynyl-4-methyl- | 116 | C9H8 | 000766-97-2 | 91 |
| 5 | Indene | 116 | C9H8 | 000095-13-6 | 91 |



Library Search Compound Report

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Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

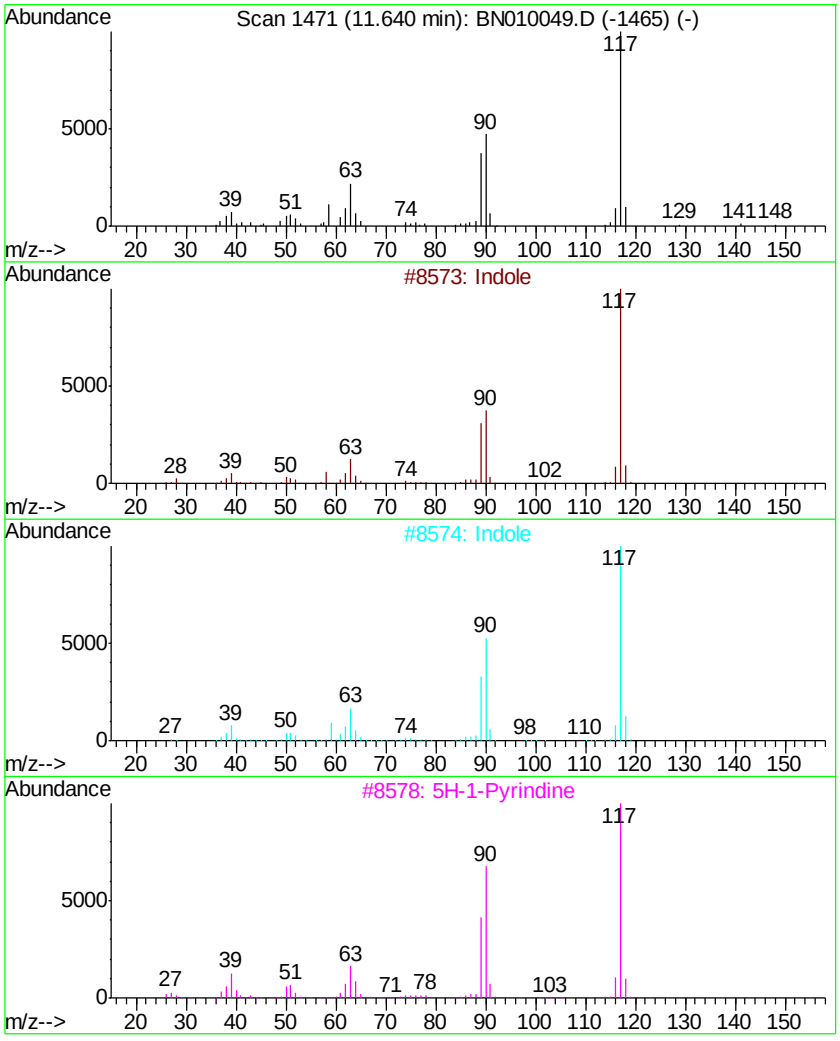
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

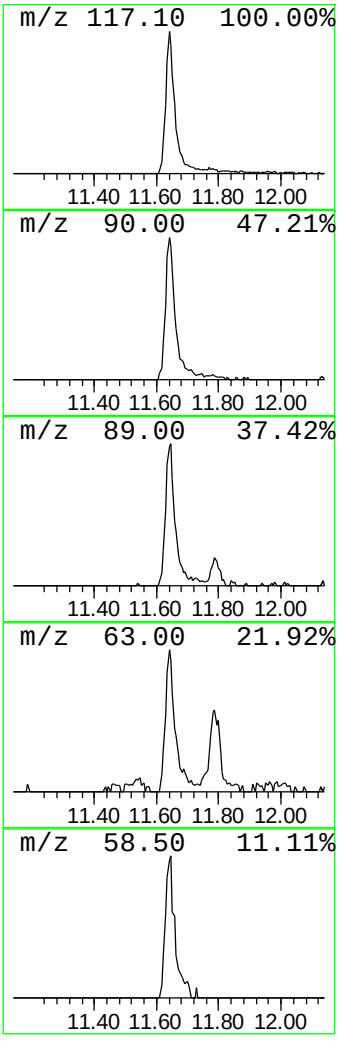
**********

Peak Number 2 Indole Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.64 | 5.33 ng/ul | 280037 | Naphthalene-d8 | 10.11 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indole | 117 | C8H7N | 000120-72-9 | 95 |
| 2 | Indole | 117 | C8H7N | 000120-72-9 | 94 |
| 3 | 5H-1-Pyrindine | 117 | C8H7N | 000270-91-7 | 94 |
| 4 | Indole | 117 | C8H7N | 000120-72-9 | 90 |
| 5 | Indolizine | 117 | C8H7N | 000274-40-8 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

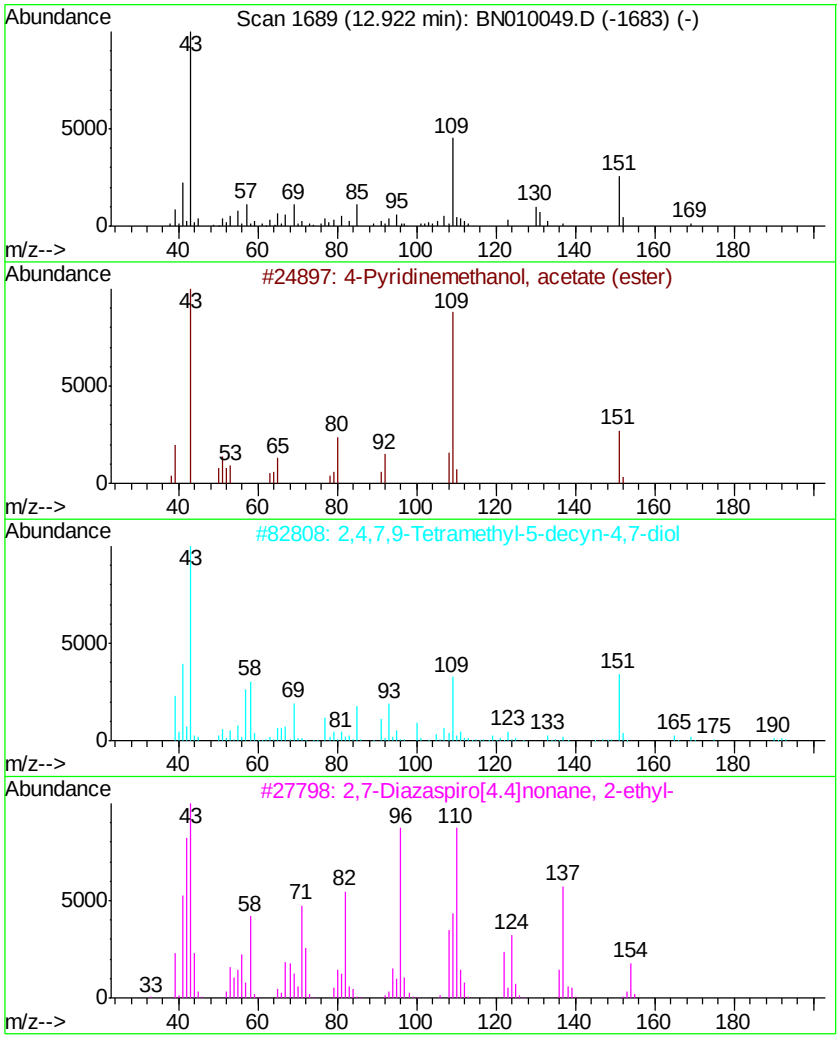
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

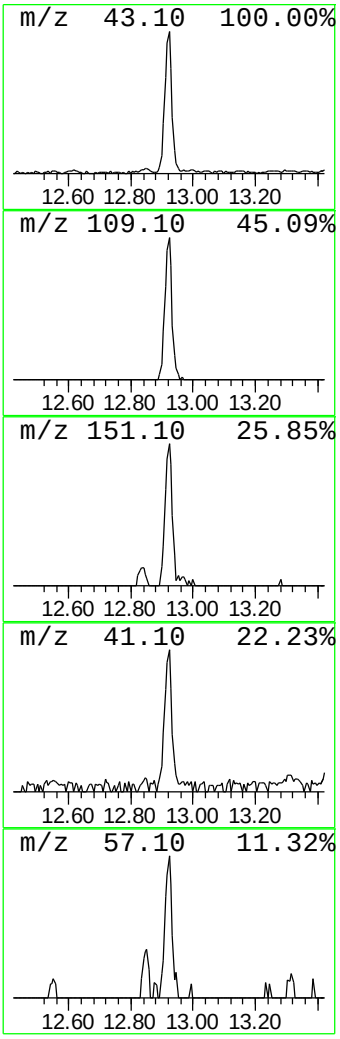
**********

Peak Number 3 unknown-01 Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.92 | 3.13 ng/ul | 218776 | Acenaphthene-d10 | 14.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Pyridinemethanol, acetate (ester) | 151 | C8H9NO2 | 001007-48-3 | 47 |
| 2 | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2 | 000126-86-3 | 37 |
| 3 | 2,7-Diazaspiro[4.4]nonane, 2-ethyl- | 154 | C9H18N2 | 1000309-92-4 | 27 |
| 4 | (2-Fluorophenyl)acetone | 152 | C9H9FO | 002836-82-0 | 12 |
| 5 | 3-Hexyne-2,5-diol, 2,5-dimethyl- | 142 | C8H14O2 | 000142-30-3 | 9 |



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Acq On : 02 Mar 2020 20:38
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**Instrument :** BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

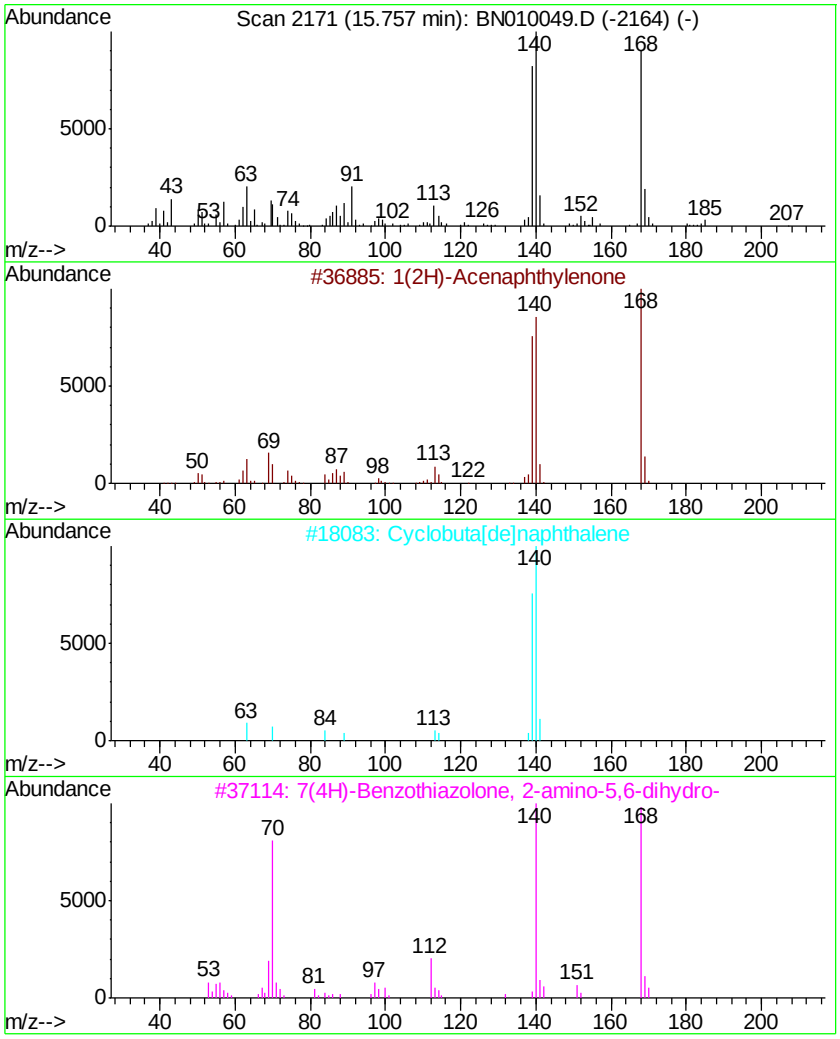
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

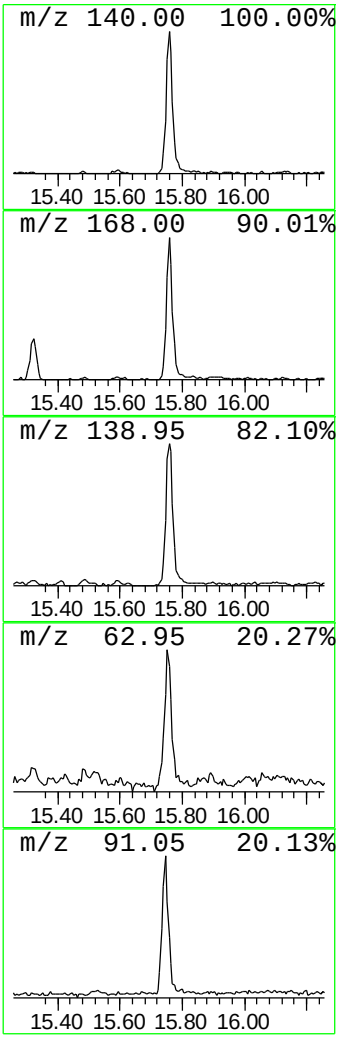
**********

Peak Number 4 1(2H)-Acenaphthylenone Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.76 | 6.72 ng/ul | 502225 | Phenanthrene-d10 | 16.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1(2H)-Acenaphthylenone | 168 | C12H8O | 002235-15-6 | 93 |
| 2 | Cyclobuta[de]naphthalene | 140 | C11H8 | 024973-91-9 | 52 |
| 3 | 7(4H)-Benzothiazolone, 2-amino-5... | 168 | C7H8N2OS | 017583-10-7 | 47 |
| 4 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 46 |
| 5 | 3,6-Diethyl-1,2-dihydro-1,2,4,5-... | 140 | C6H12N4 | 068614-65-3 | 43 |



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Data File : BN010049.D
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Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

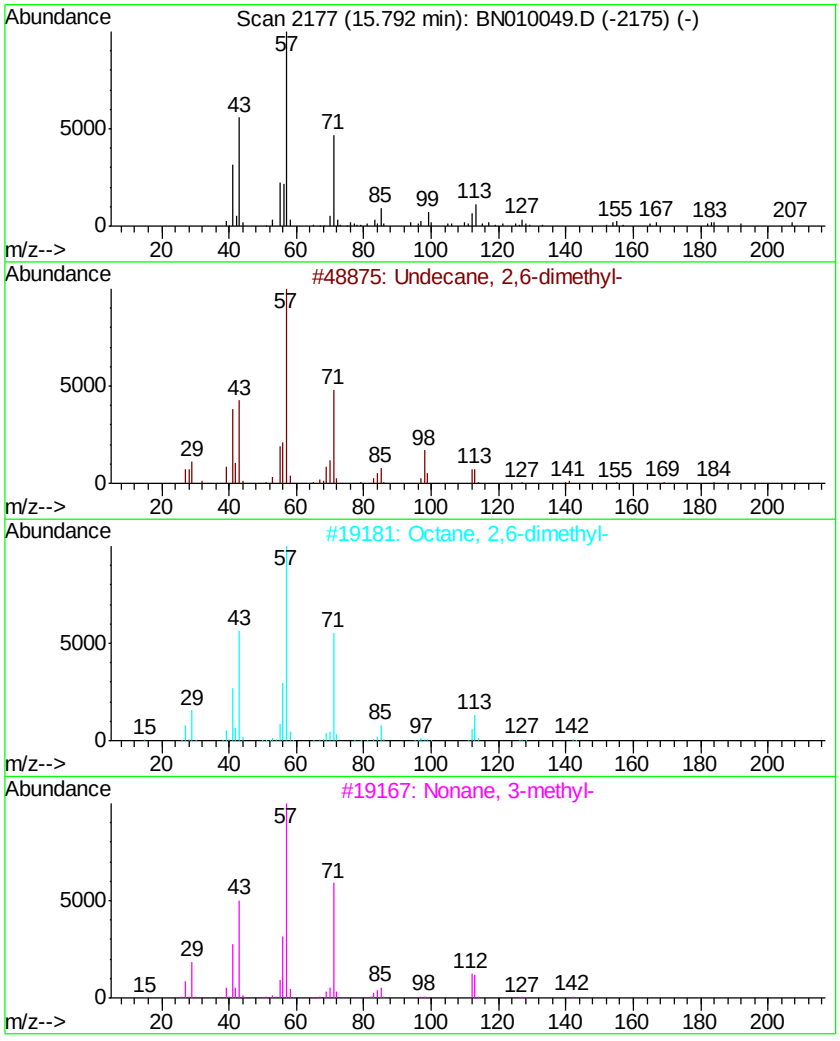
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

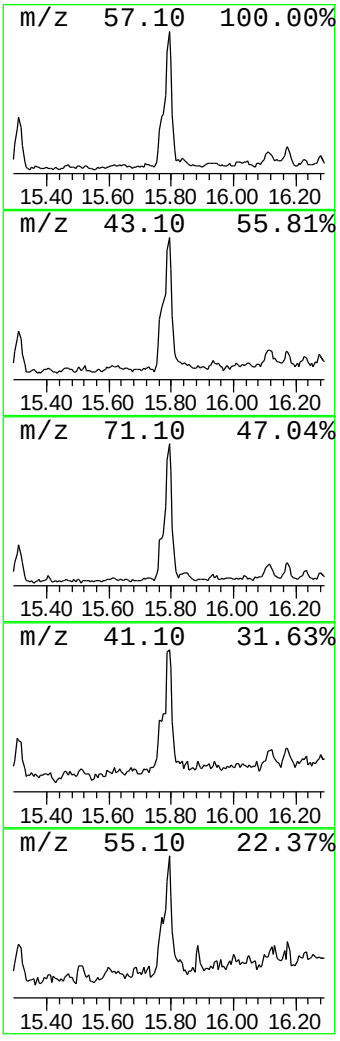
**********

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.79 | 2.72 ng/ul | 203311 | Phenanthrene-d10 | 16.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 87 |
| 2 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 64 |
| 3 | Nonane, 3-methyl- | 142 | C10H22 | 005911-04-6 | 64 |
| 4 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 64 |
| 5 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 64 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

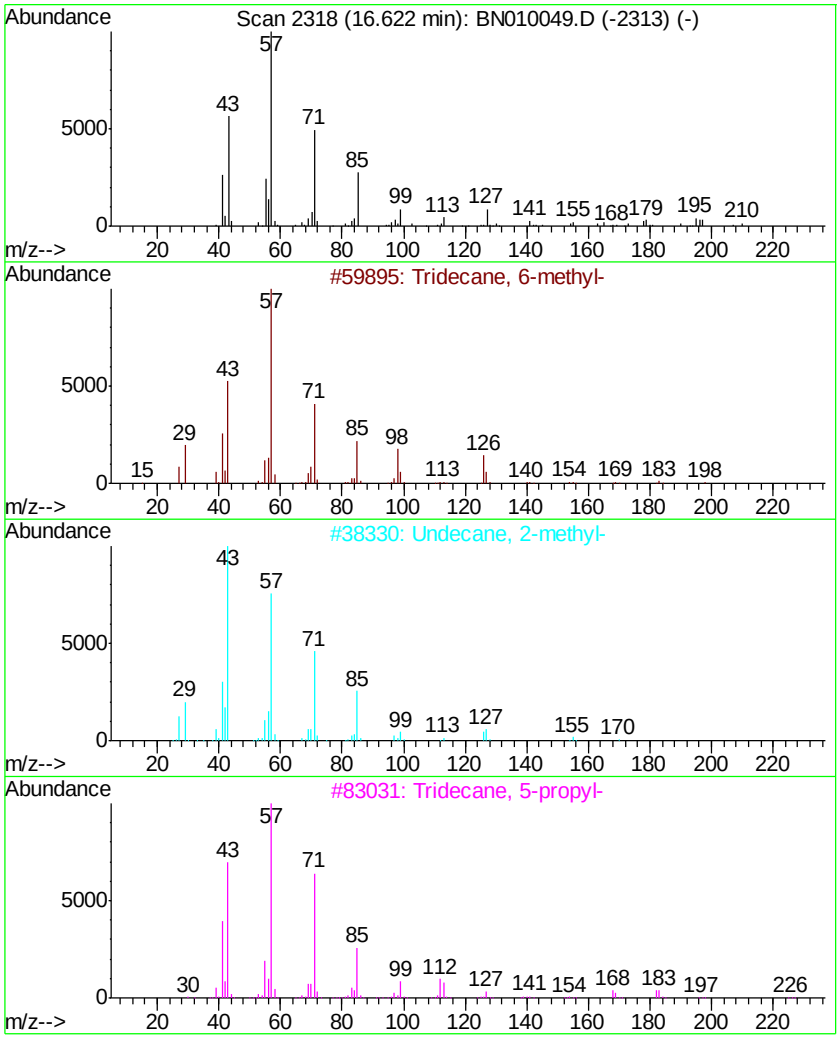
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

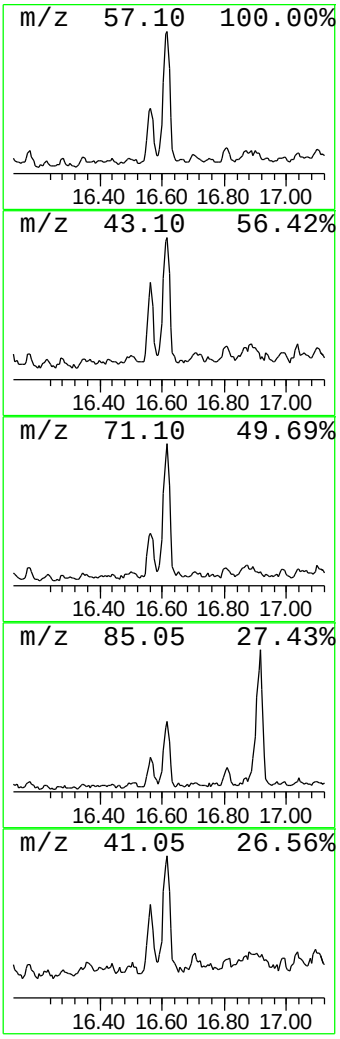
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.62 | 4.73 ng/ul | 353294 | Phenanthrene-d10 | 16.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 6-methyl- | 198 | C14H30 | 013287-21-3 | 87 |
| 2 | Undecane, 2-methyl- | 170 | C12H26 | 007045-71-8 | 83 |
| 3 | Tridecane, 5-propyl- | 226 | C16H34 | 055045-11-9 | 64 |
| 4 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 64 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 59 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

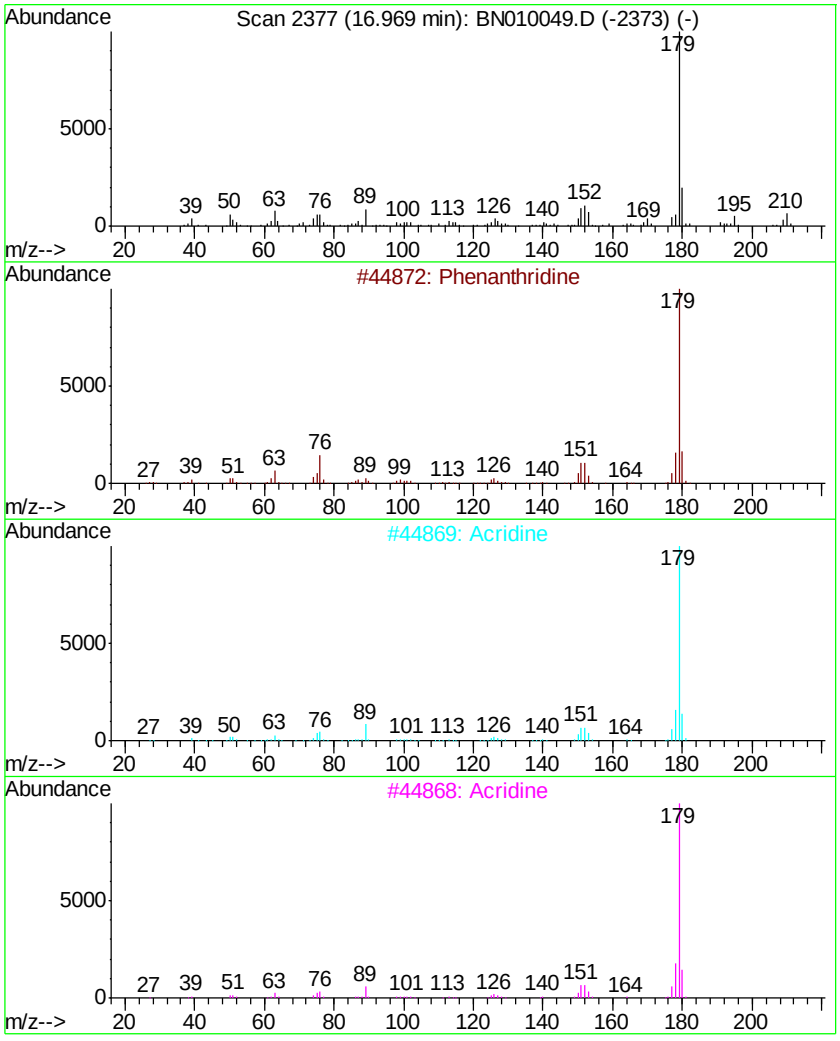
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

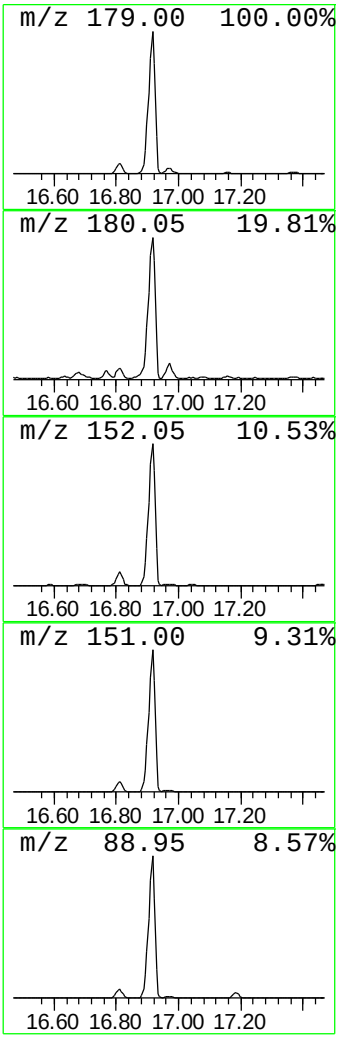
**********

Peak Number 7 Phenanthridine Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.97 | 3.57 ng/ul | 266482 | Phenanthrene-d10 | 16.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthridine | 179 | C13H9N | 000229-87-8 | 81 |
| 2 | Acridine | 179 | C13H9N | 000260-94-6 | 81 |
| 3 | Acridine | 179 | C13H9N | 000260-94-6 | 81 |
| 4 | Benzo[f]quinoline | 179 | C13H9N | 000085-02-9 | 81 |
| 5 | Benzo[h]quinoline | 179 | C13H9N | 000230-27-3 | 76 |



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Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

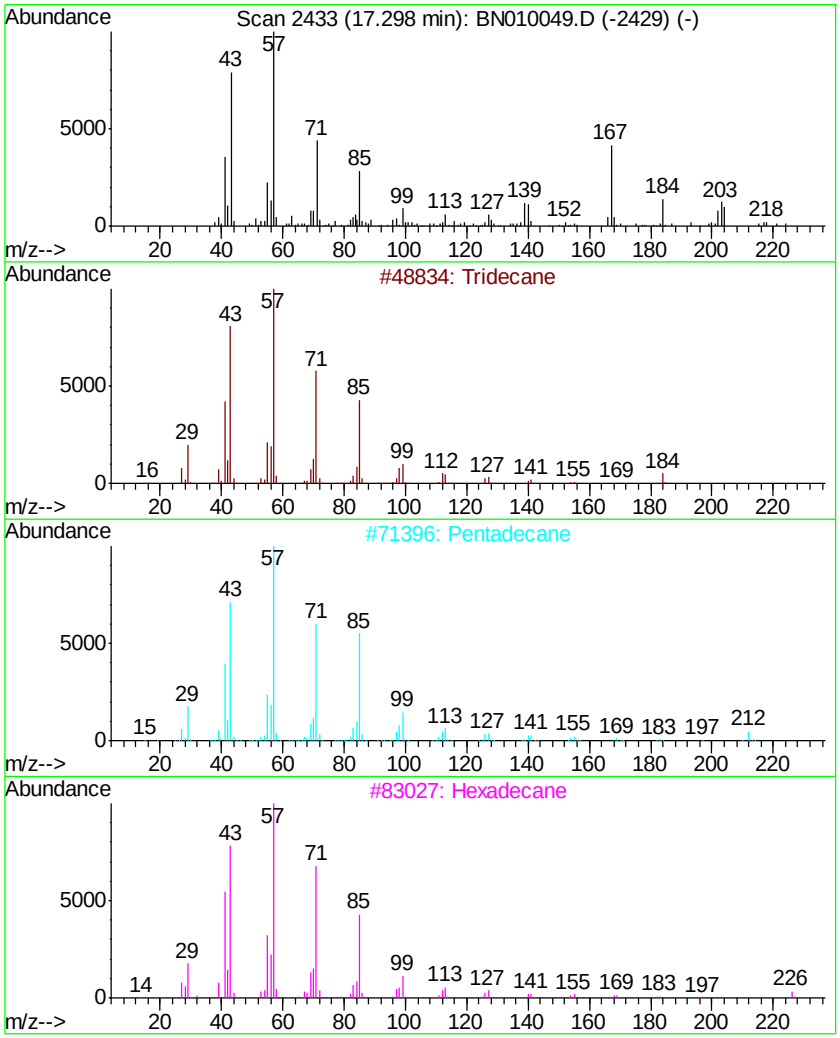
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

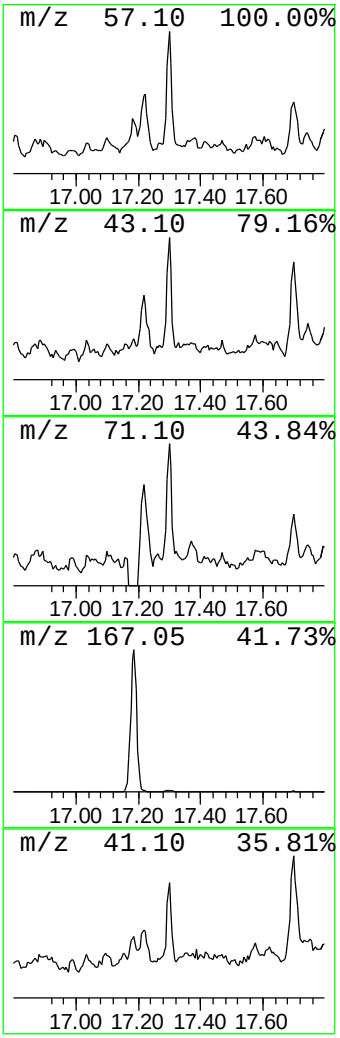
**********

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.30 | 4.05 ng/ul | 302357 | Phenanthrene-d10 | 16.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 55 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 38 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 38 |
| 4 | Silane, trichlorooctadecyl- | 386 | C18H37Cl3Si | 000112-04-9 | 38 |
| 5 | Undecane, 2-methyl- | 170 | C12H26 | 007045-71-8 | 38 |



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Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

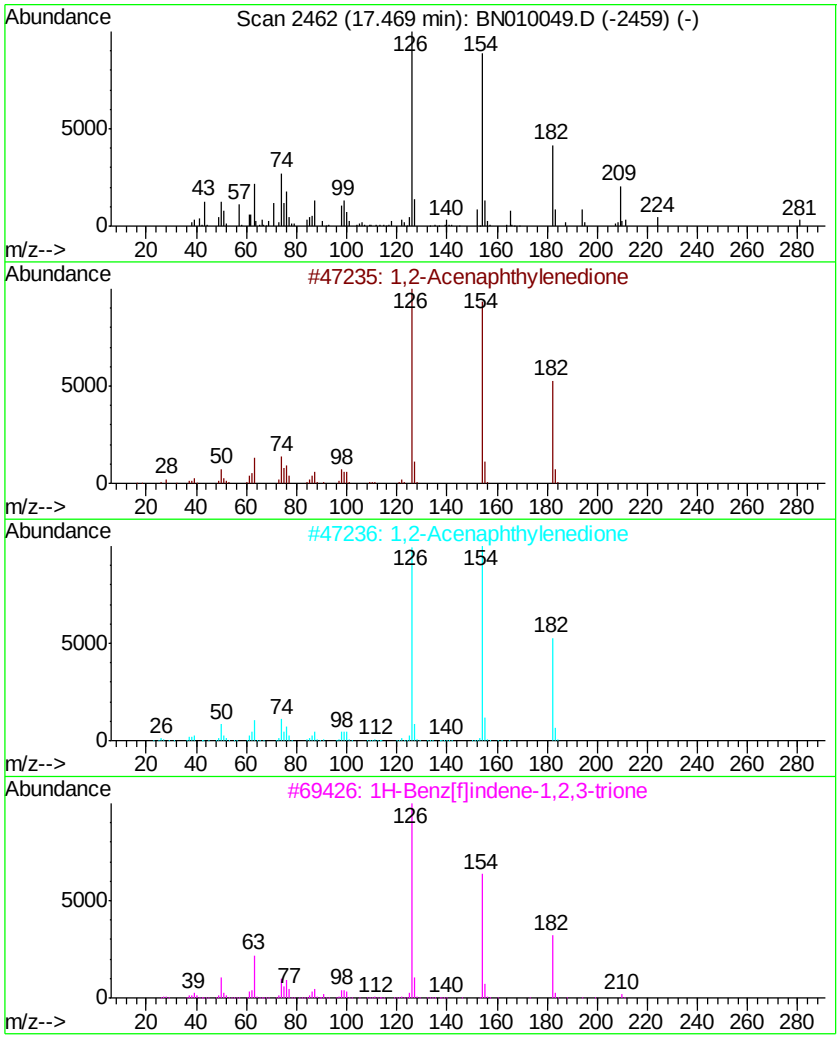
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

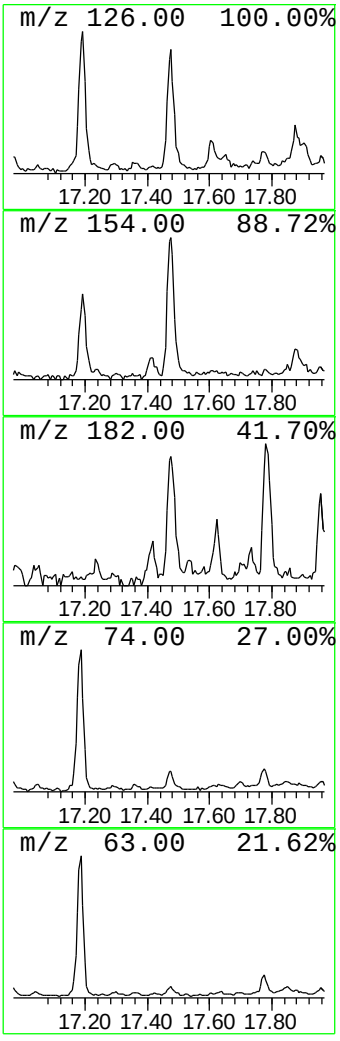
**********

Peak Number 9 1,2-Acenaphthylenedione Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.47 | 2.62 ng/ul | 195772 | Phenanthrene-d10 | 16.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2-Acenaphthylenedione | 182 | C12H6O2 | 000082-86-0 | 97 |
| 2 | 1,2-Acenaphthylenedione | 182 | C12H6O2 | 000082-86-0 | 97 |
| 3 | 1H-Benz[f]indene-1,2,3-trione | 210 | C13H6O3 | 020927-01-9 | 95 |
| 4 | 1,2-Acenaphthylenedione | 182 | C12H6O2 | 000082-86-0 | 91 |
| 5 | 1,4-Diethynylbenzene | 126 | C10H6 | 000935-14-8 | 55 |



# Library Search Compound Report

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Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

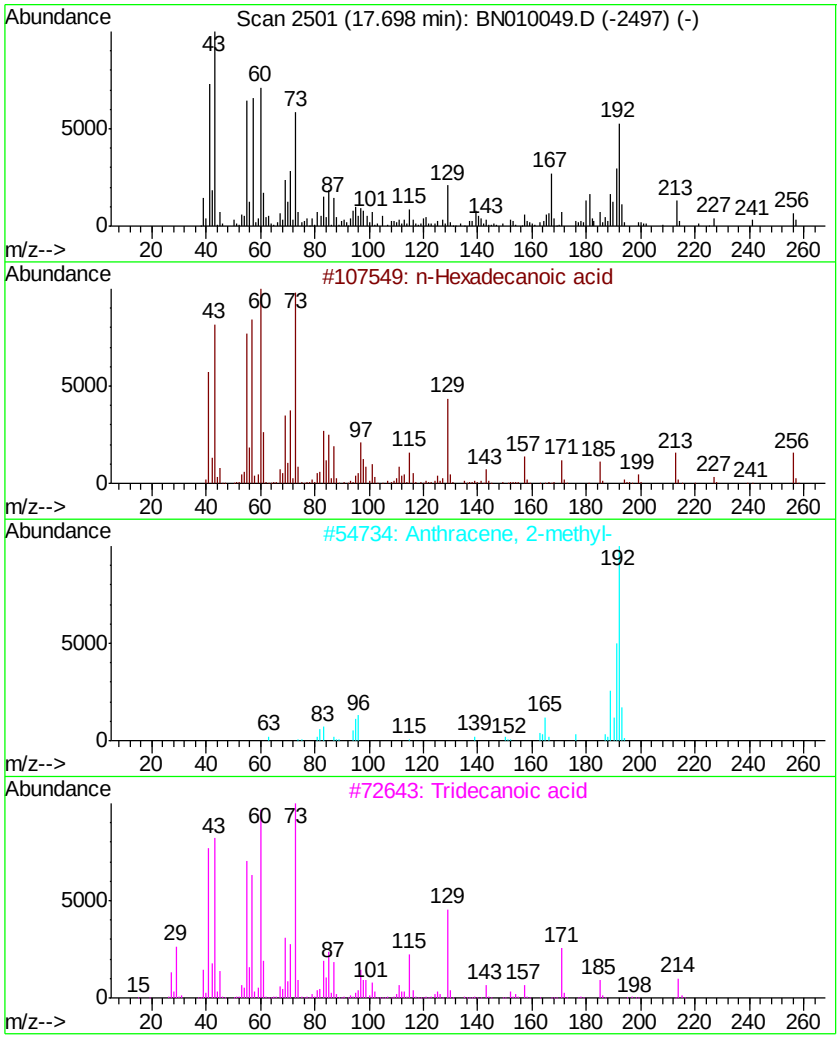
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

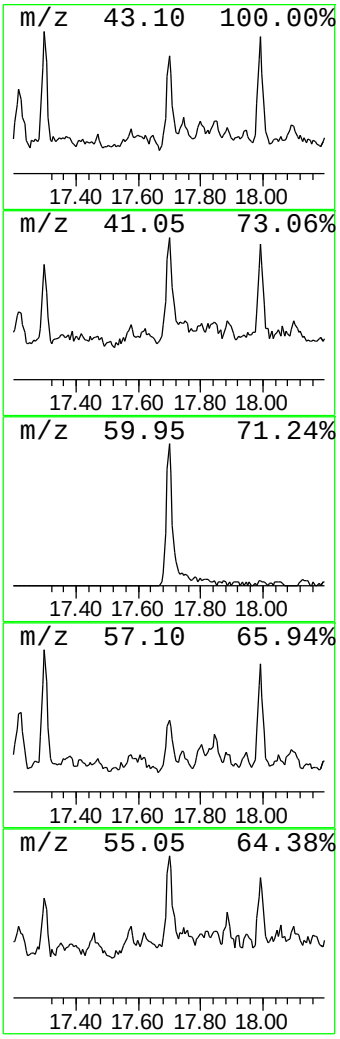
**********

Peak Number 10 n-Hexadecanoic acid Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.70 | 4.84 ng/ul | 362093 | Phenanthrene-d10 | 16.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 74 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 43 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 35 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 30 |
| 5 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 30 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
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Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

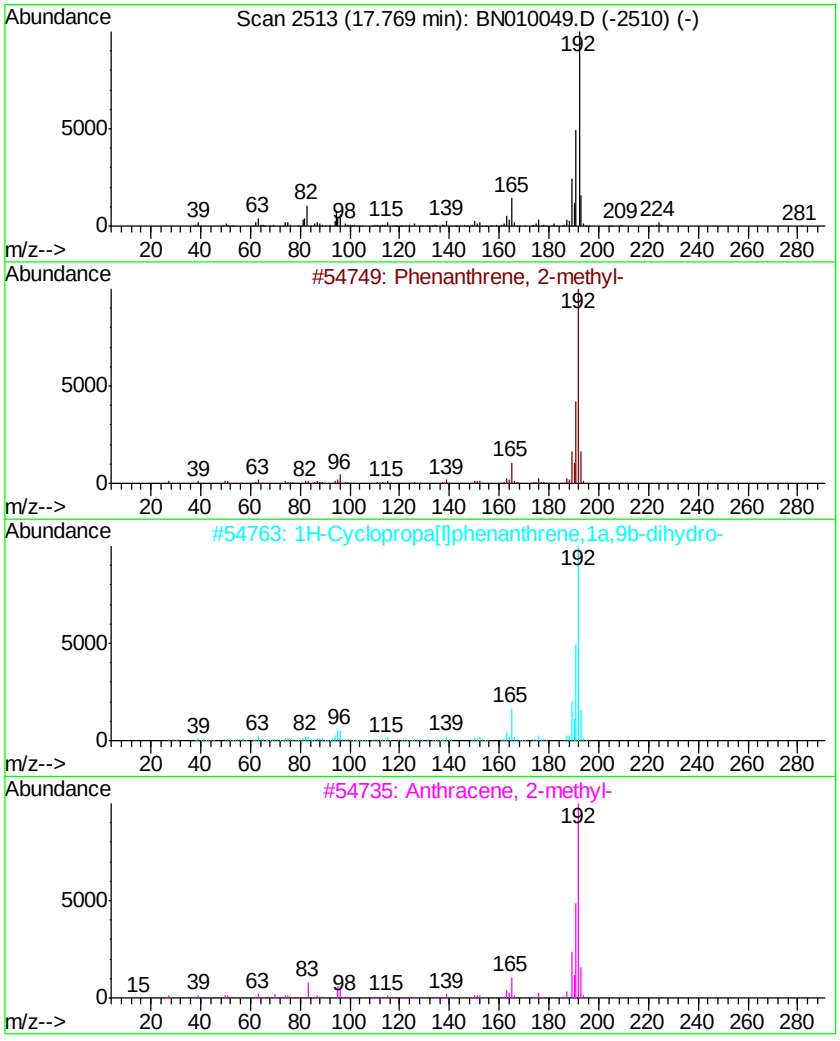
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

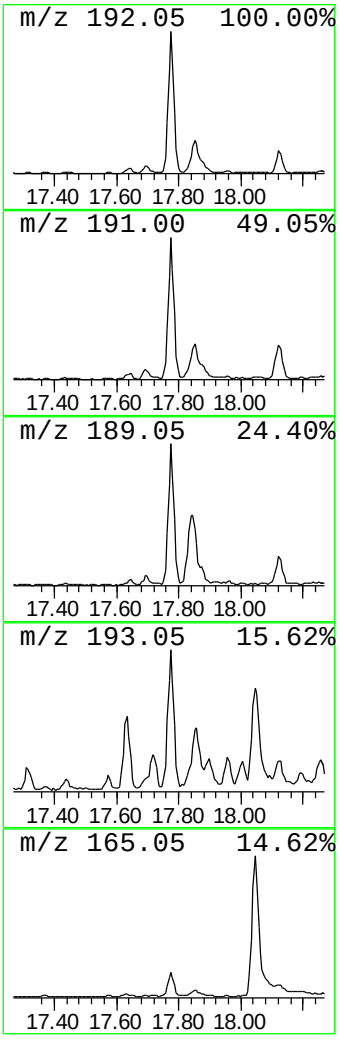
**********

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.77 | 11.87 ng/ul | 887459 | Phenanthrene-d10 | 16.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 2 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

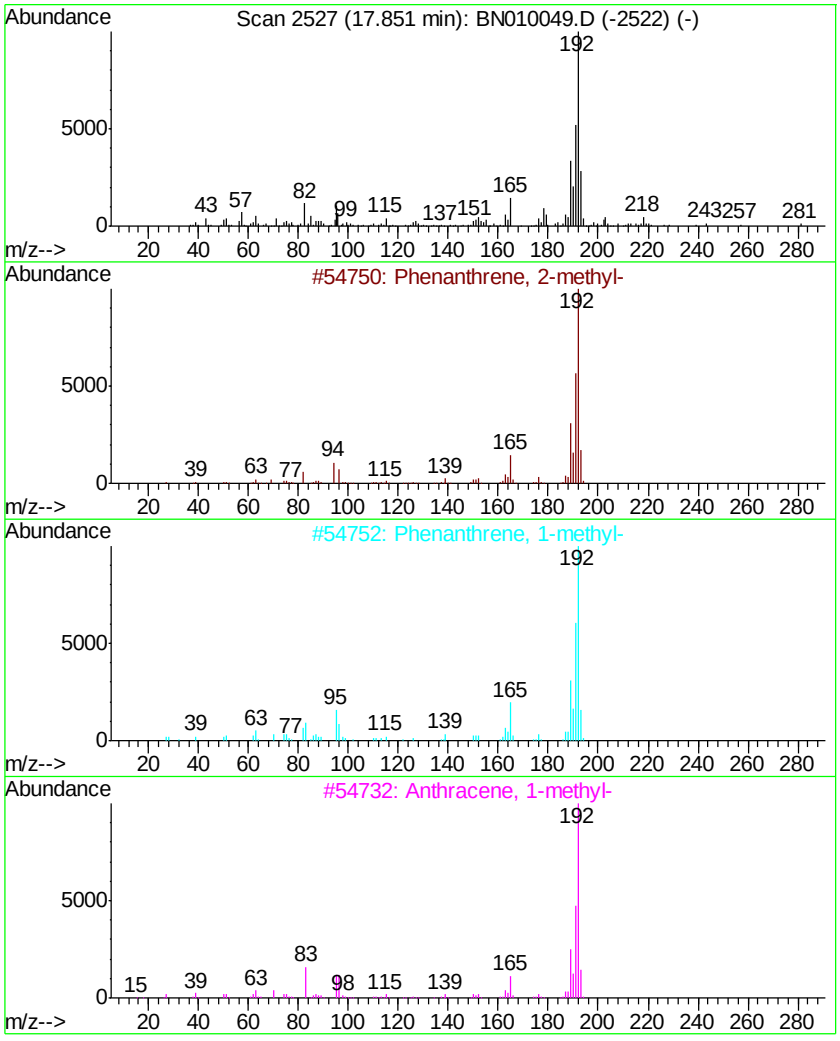
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

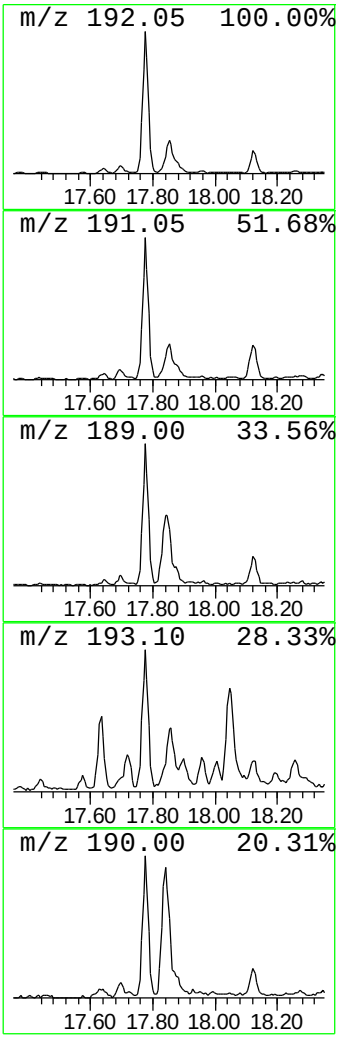
**********

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.85 | 7.95 ng/ul | 594426 | Phenanthrene-d10 | 16.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 92 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 76 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 76 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 76 |



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Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

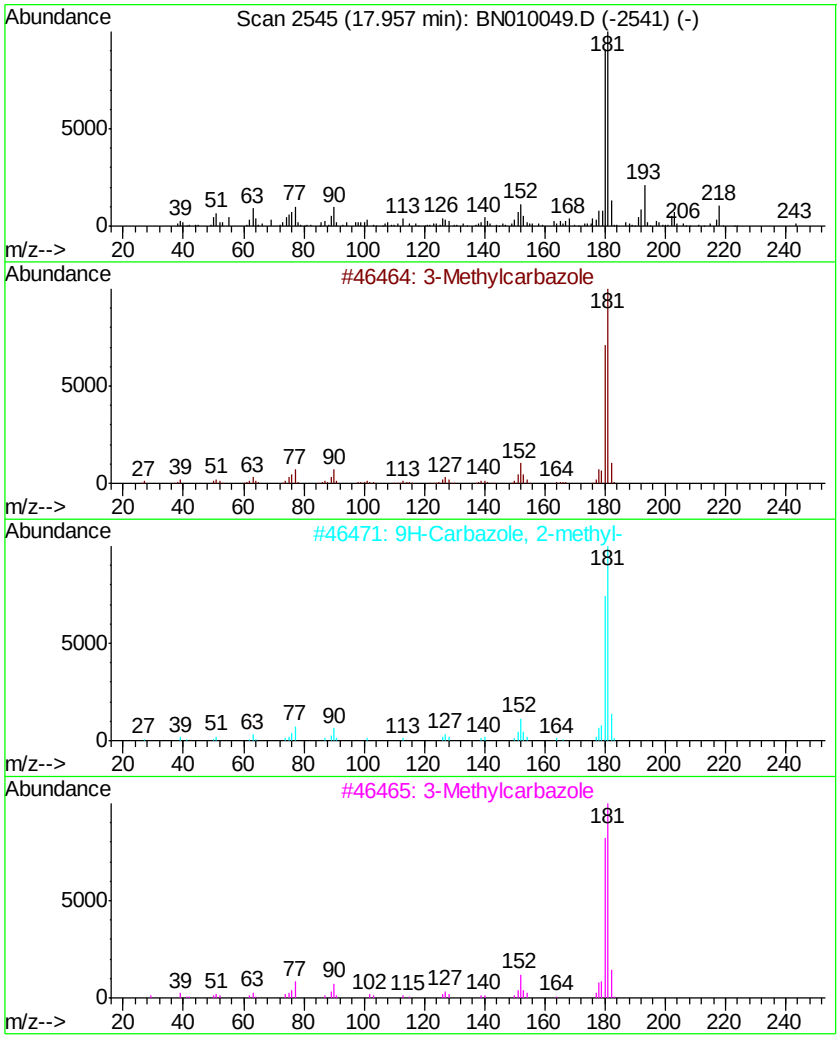
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

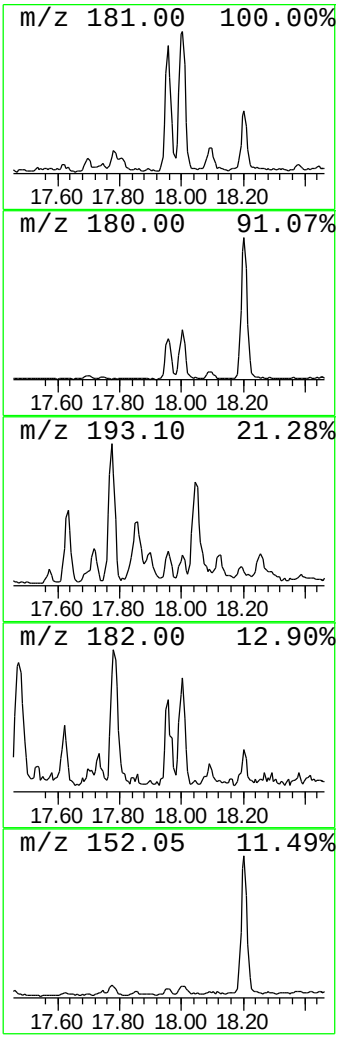
**********

Peak Number 13 3-Methylcarbazole Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.96 | 2.85 ng/ul | 212719 | Phenanthrene-d10 | 16.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 96 |
| 2 | 9H-Carbazole, 2-methyl- | 181 | C13H11N | 003652-91-3 | 95 |
| 3 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 95 |
| 4 | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 95 |
| 5 | 9H-Carbazole, 2-methyl- | 181 | C13H11N | 003652-91-3 | 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

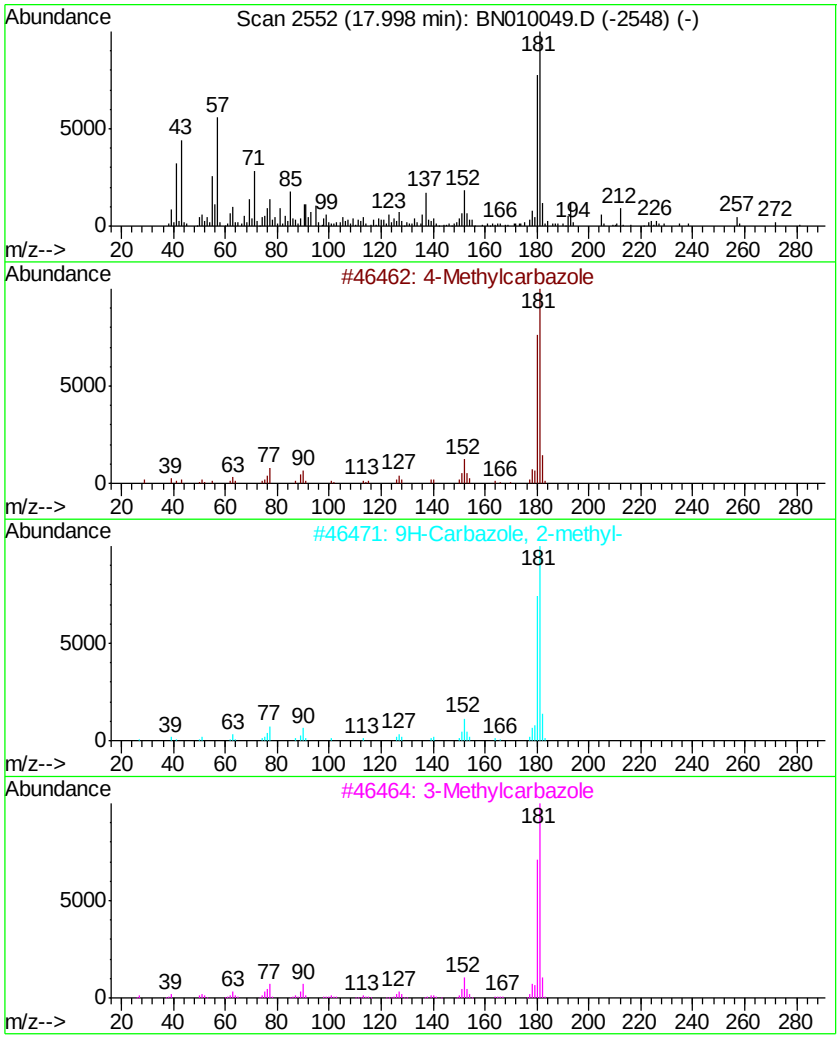
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

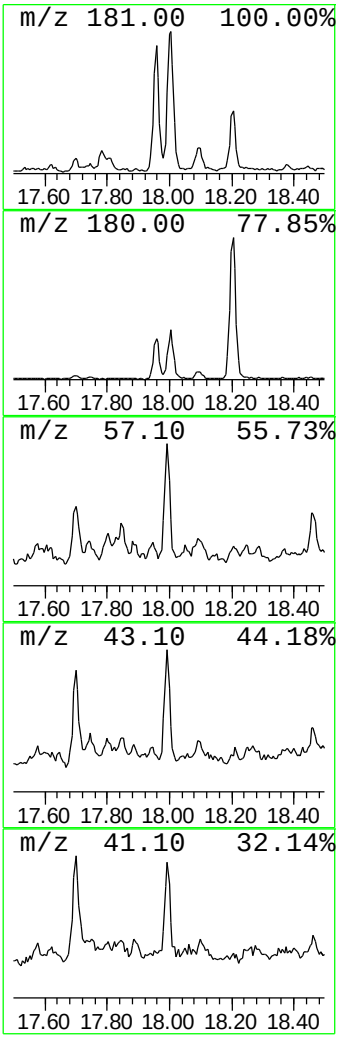
**********

Peak Number 14 4-Methylcarbazole Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.00 | 5.34 ng/ul | 398818 | Phenanthrene-d10 | 16.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Methylcarbazole | 181 | C13H11N | 003770-48-7 | 90 |
| 2 | 9H-Carbazole, 2-methyl- | 181 | C13H11N | 003652-91-3 | 90 |
| 3 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 90 |
| 4 | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 90 |
| 5 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

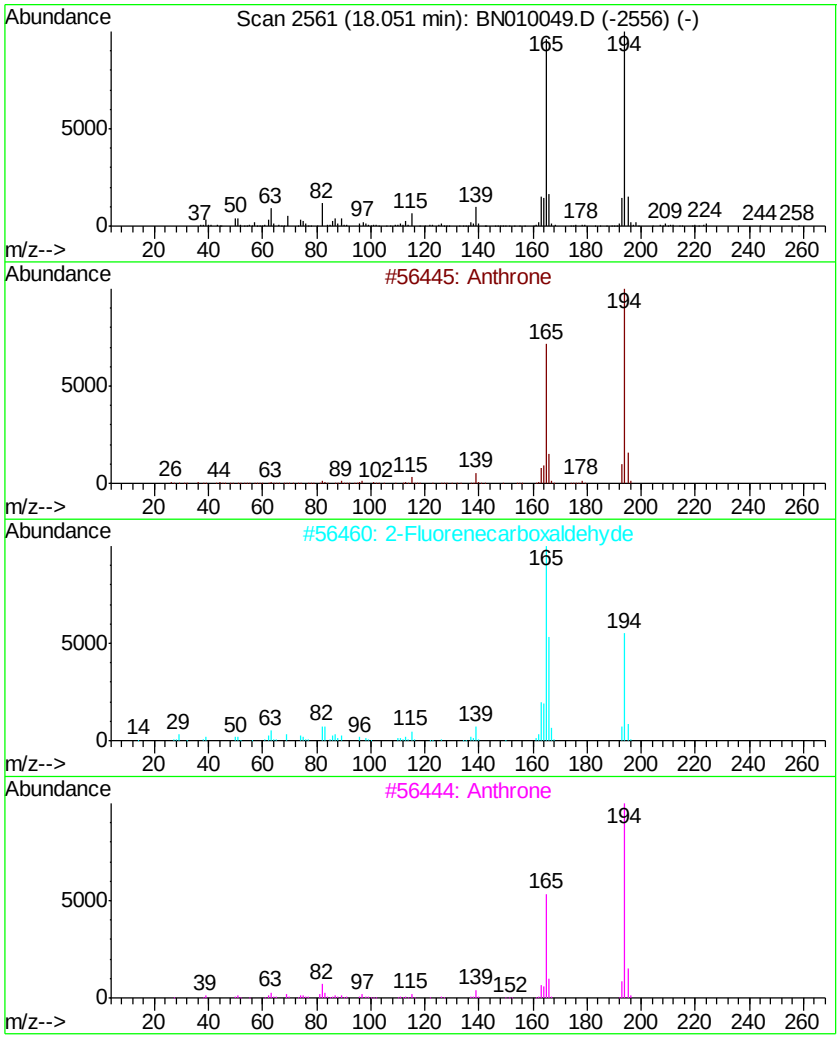
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

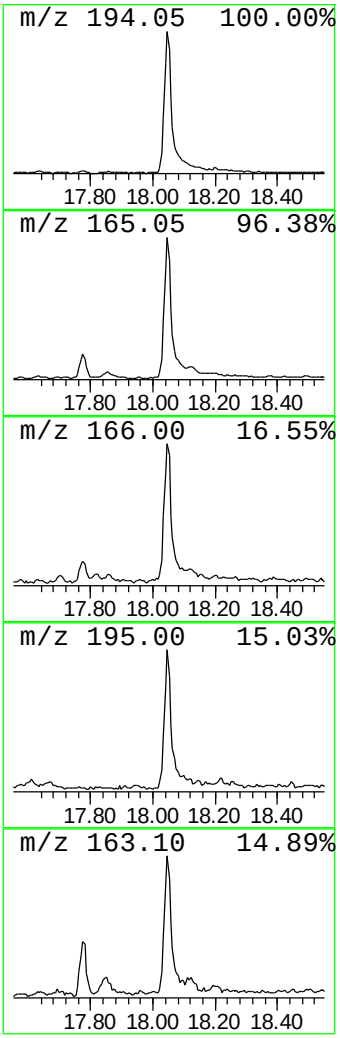
**********

Peak Number 15 Anthrone Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.05 | 13.14 ng/ul | 981754 | Phenanthrene-d10 | 16.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthrone | 194 | C14H10O | 000090-44-8 | 94 |
| 2 | 2-Fluorenecarboxaldehyde | 194 | C14H10O | 030084-90-3 | 93 |
| 3 | Anthrone | 194 | C14H10O | 000090-44-8 | 93 |
| 4 | 2-Phenanthrenol | 194 | C14H10O | 000605-55-0 | 91 |
| 5 | Ethenone, 2,2-diphenyl- | 194 | C14H10O | 000525-06-4 | 91 |



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Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

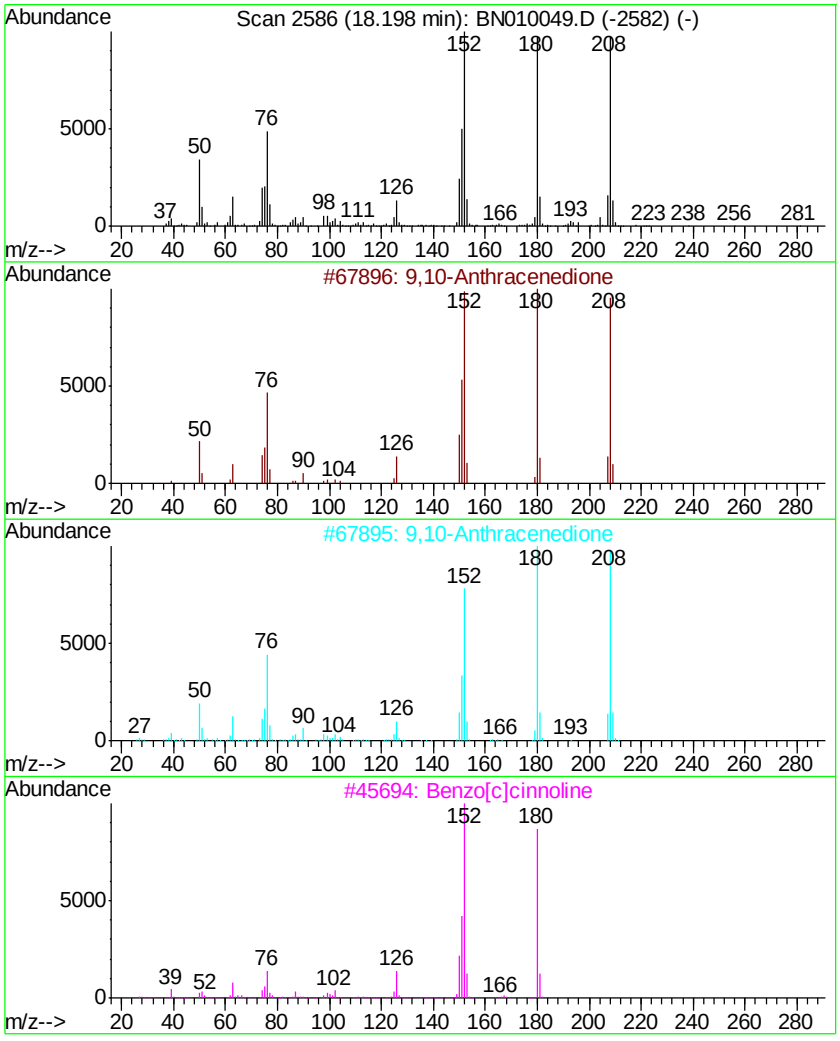
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

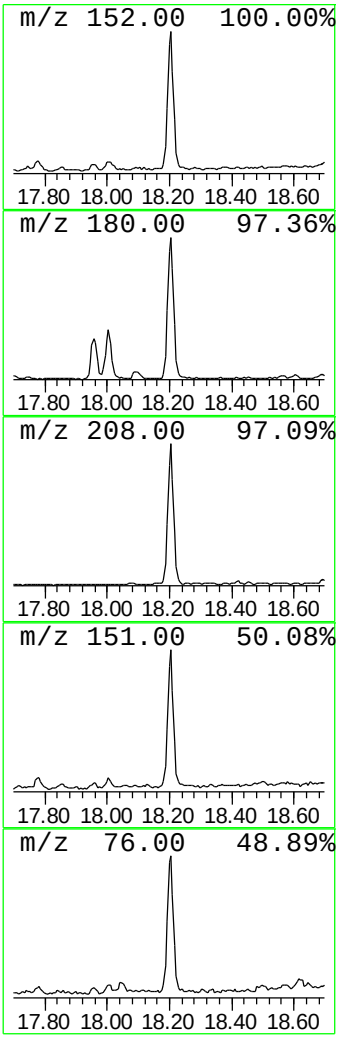
**********

Peak Number 16 9,10-Anthracenedione Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.20 | 14.34 ng/ul | 1071880 | Phenanthrene-d10 | 16.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 98 |
| 2 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 95 |
| 3 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 95 |
| 4 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 93 |
| 5 | 1H-Phenalen-1-one | 180 | C13H8O | 000548-39-0 | 78 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

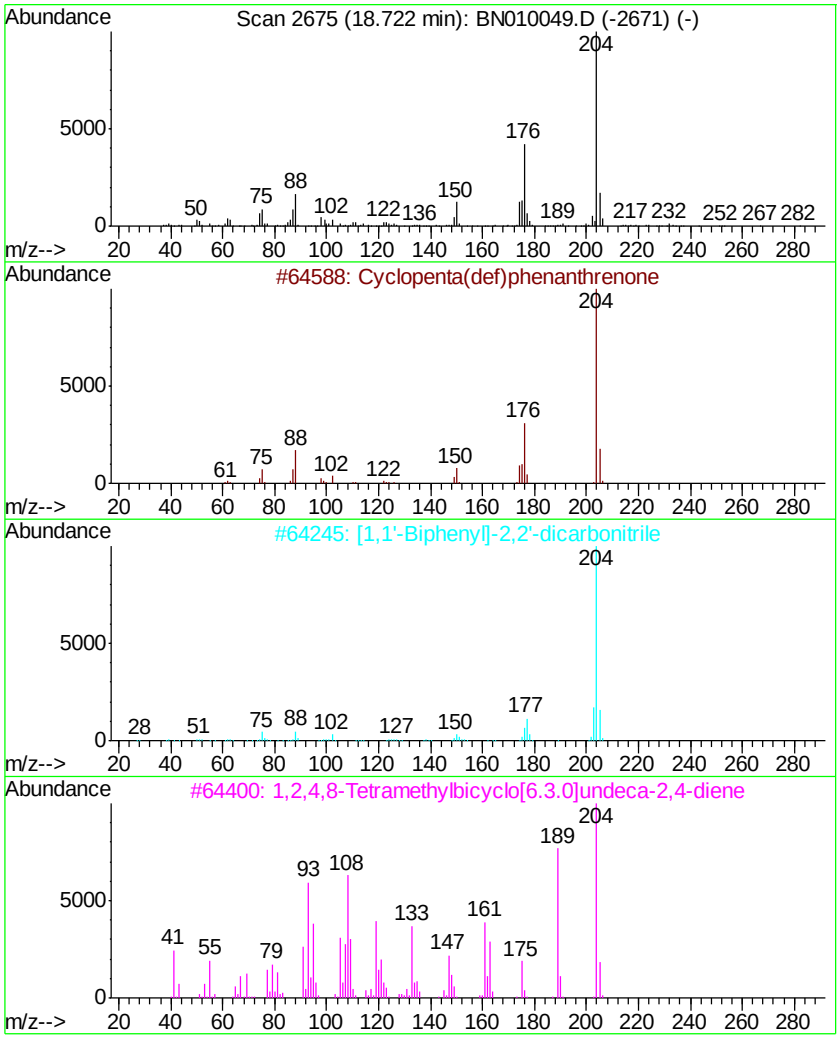
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

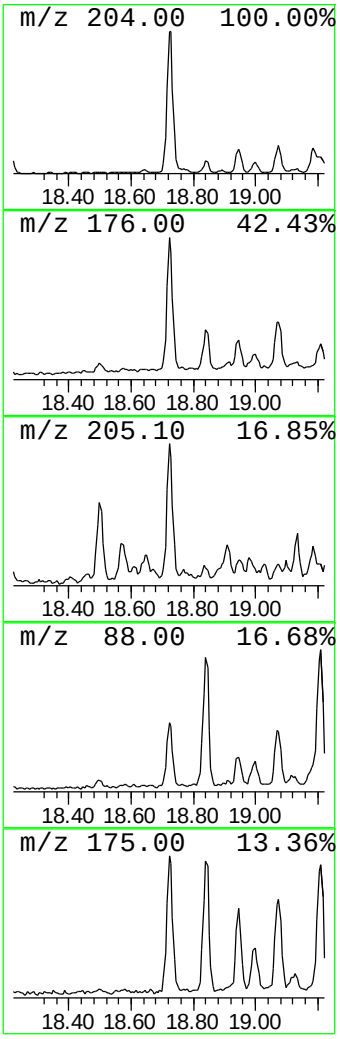
**********

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.72 | 9.84 ng/ul | 735652 | Phenanthrene-d10 | 16.77 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 93 |
| 2 | [1,1'-Biphenyl]-2,2'-dicarbonitrile | 204 | C14H8N2 | 004341-02-0 | 50 |
| 3 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 49 |
| 4 | [1,1'-Biphenyl]-4,4'-dicarbonitrile | 204 | C14H8N2 | 001591-30-6 | 46 |
| 5 | Quinoline, 8-methoxy-5-nitro- | 204 | C10H8N2O3 | 1000298-88-7 | 43 |



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Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

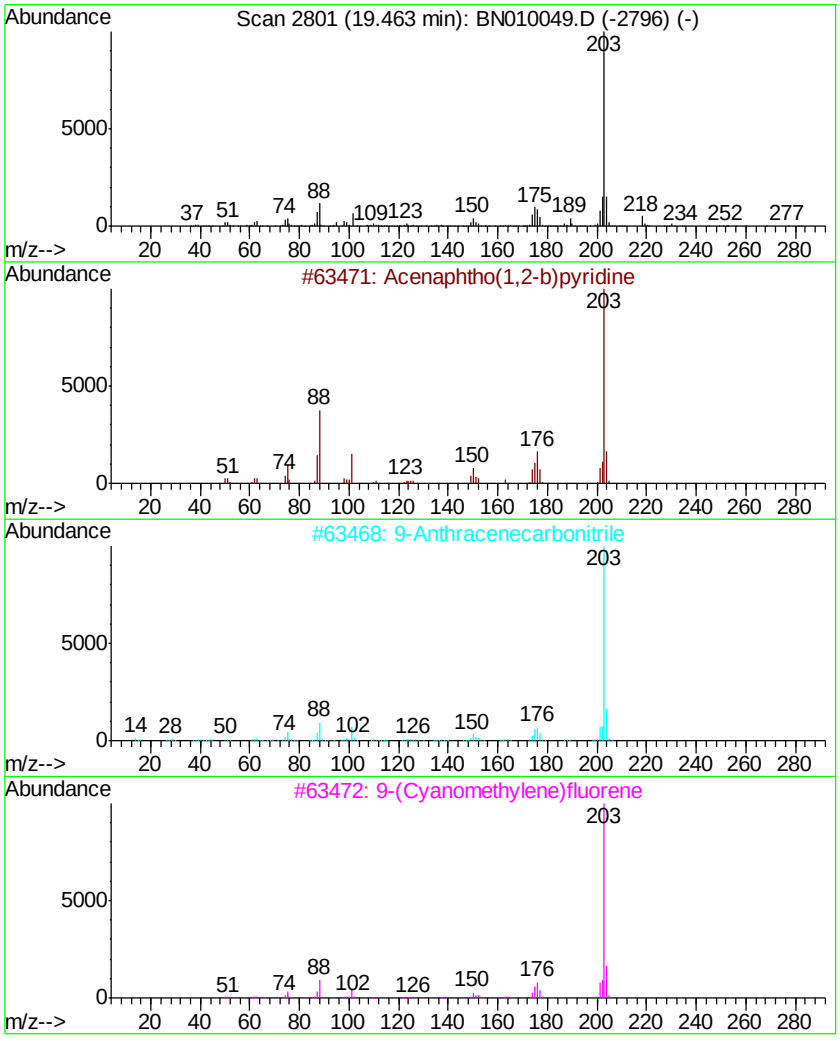
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

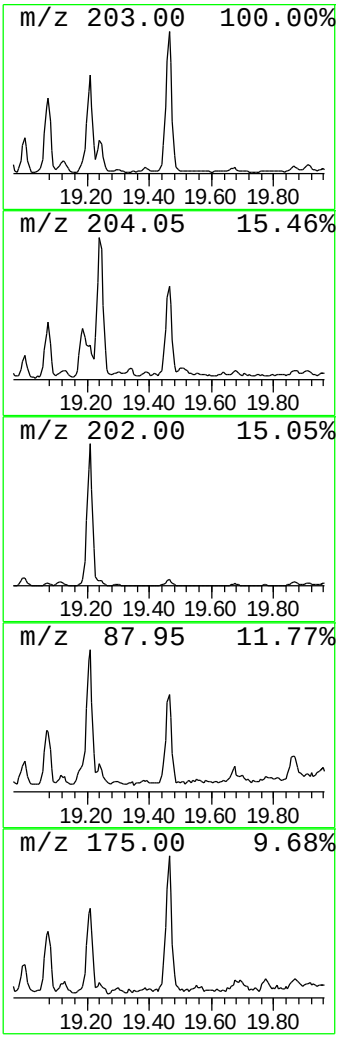
**********

Peak Number 18 Acenaphtho(1,2-b)pyridine Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.46 | 2.67 ng/ul | 1197470 | Chrysene-d12 | 21.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acenaphtho(1,2-b)pyridine | 203 | C15H9N | 000206-49-5 | 95 |
| 2 | 9-Anthracenecarbonitrile | 203 | C15H9N | 001210-12-4 | 95 |
| 3 | 9-(Cyanomethylene)fluorene | 203 | C15H9N | 004425-74-5 | 95 |
| 4 | Indeno(1,2,3-ij)isoquinoline | 203 | C15H9N | 000206-56-4 | 95 |
| 5 | 4-Azapyrene | 203 | C15H9N | 000194-03-6 | 93 |



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Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

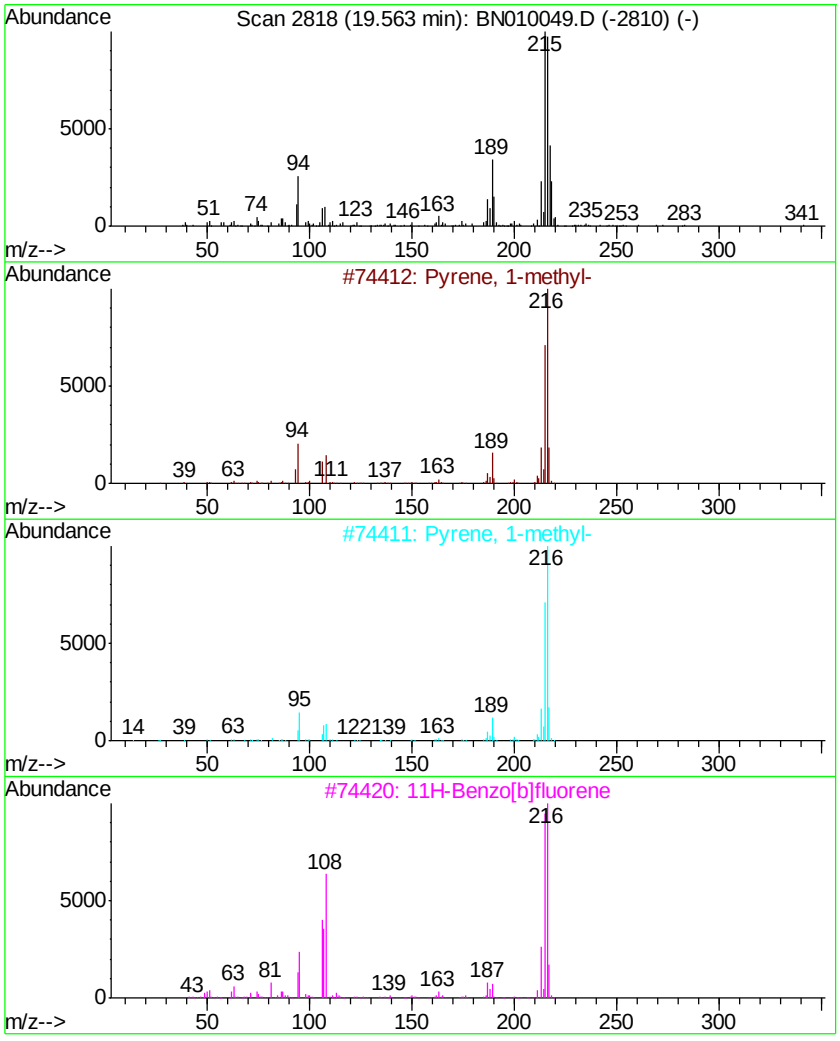
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

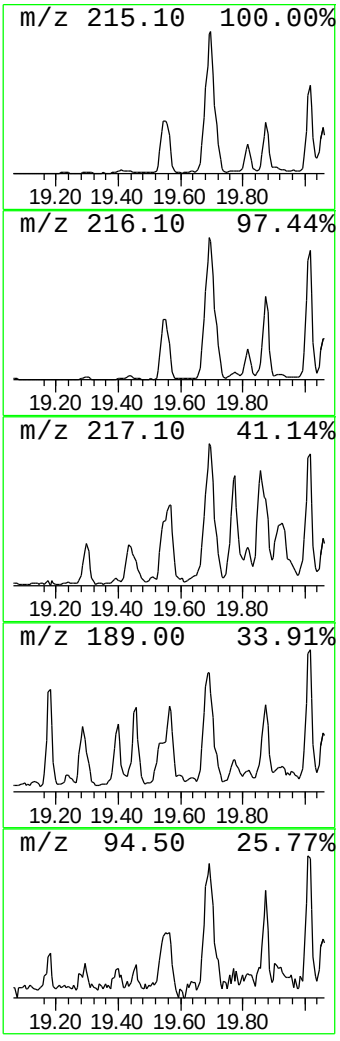
**********

Peak Number 19 Pyrene, 1-methyl- Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.56 | 2.48 ng/ul | 1114560 | Chrysene-d12 | 21.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 93 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 90 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 81 |
| 4 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 80 |
| 5 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 74 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

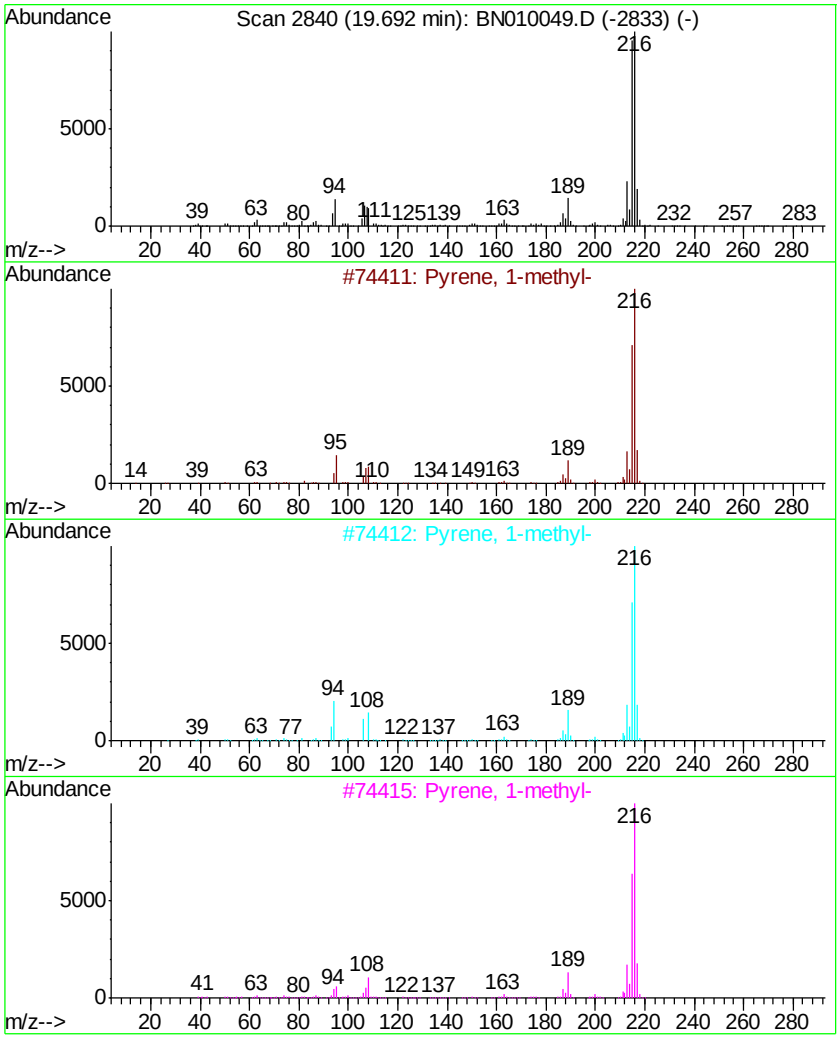
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

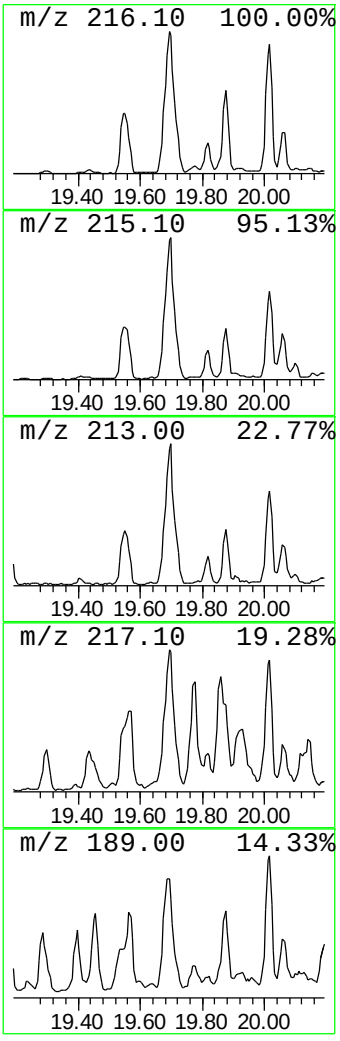
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Fluoranthene, 2-methyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.69 | 6.17 ng/ul | 2767650 | Chrysene-d12 | 21.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 96 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 96 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 92 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 91 |
| 5 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 90 |



# Library Search Compound Report

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Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

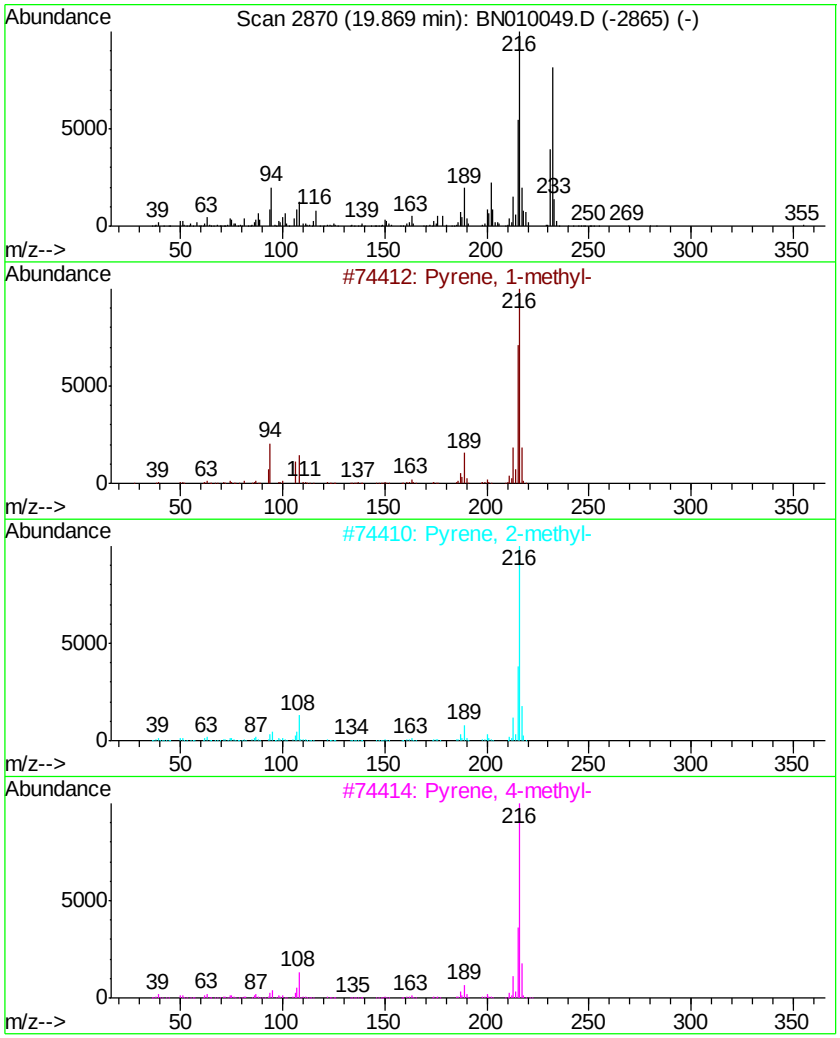
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

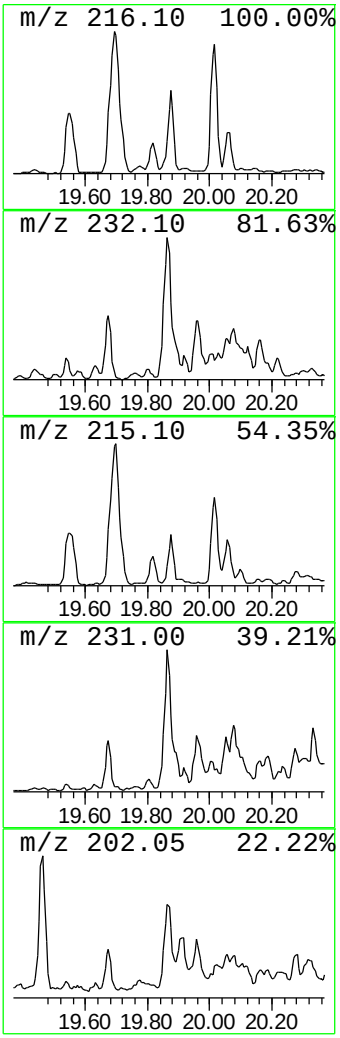
**********

Peak Number 21 Pyrene, 2-methyl- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.87 | 3.06 ng/ul | 1373860 | Chrysene-d12 | 21.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 89 |
| 2 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 83 |
| 3 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 80 |
| 4 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 64 |
| 5 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 46 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

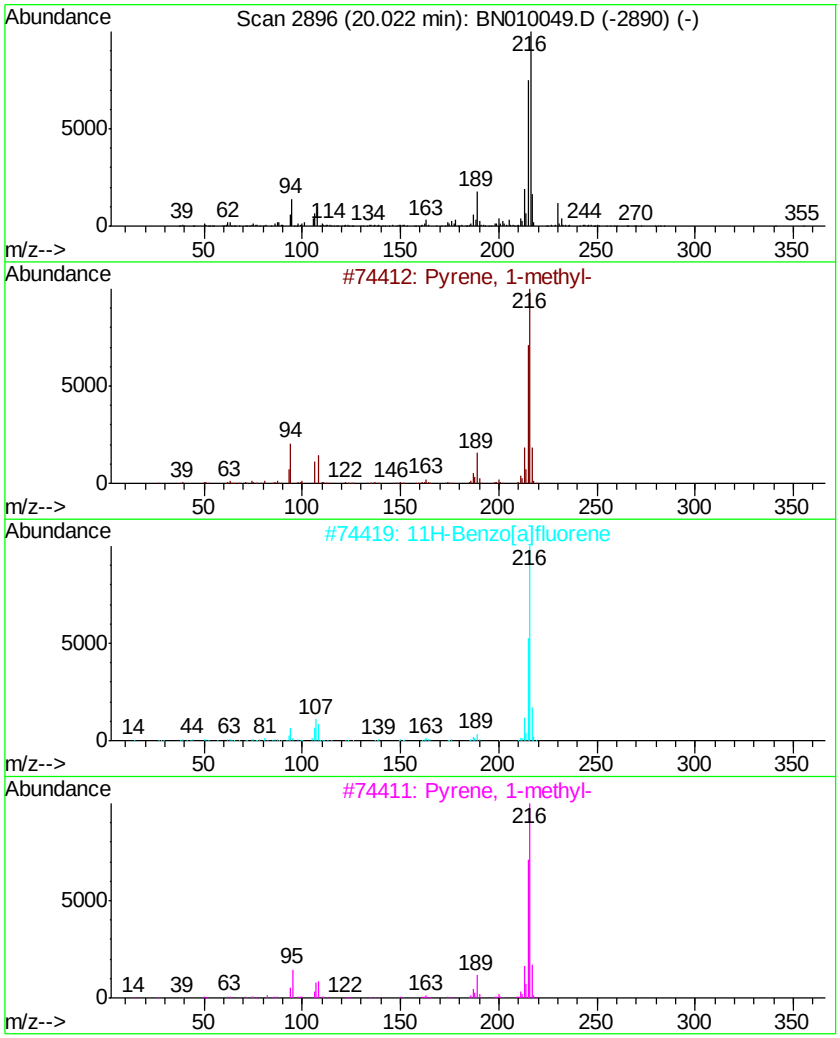
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

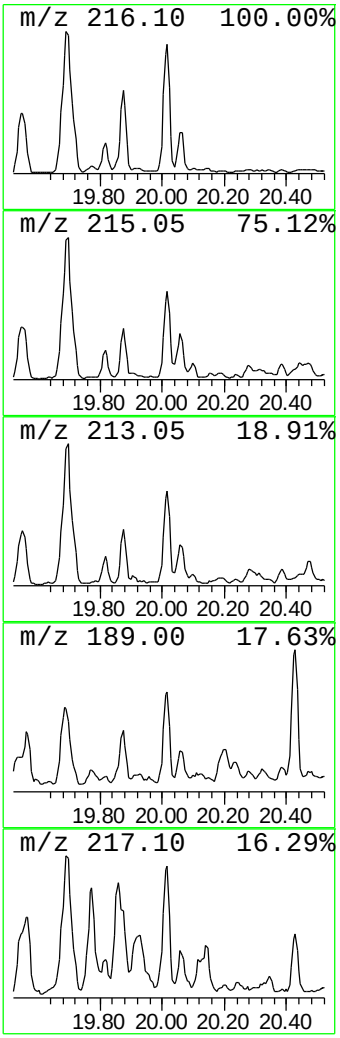
**********

Peak Number 22 11H-Benzo[a]fluorene Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.02 | 3.11 ng/ul | 1395680 | Chrysene-d12 | 21.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 97 |
| 2 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 96 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 95 |
| 4 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 93 |
| 5 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 93 |



# Library Search Compound Report

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Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

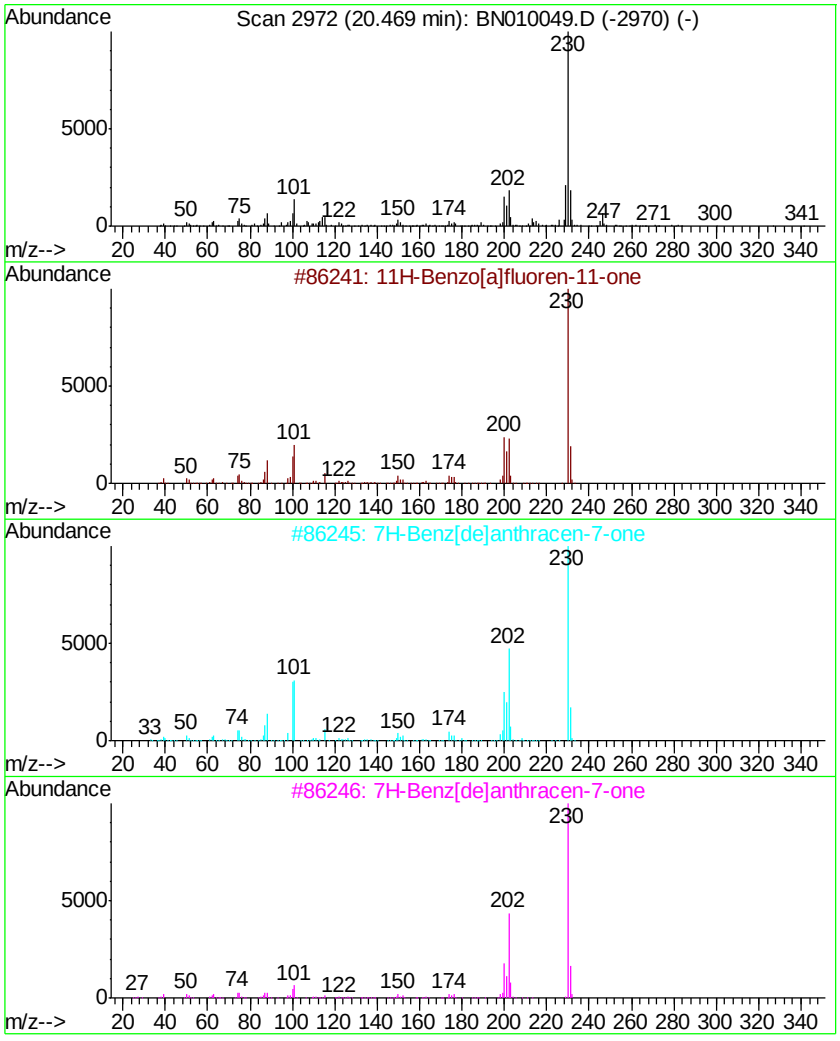
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

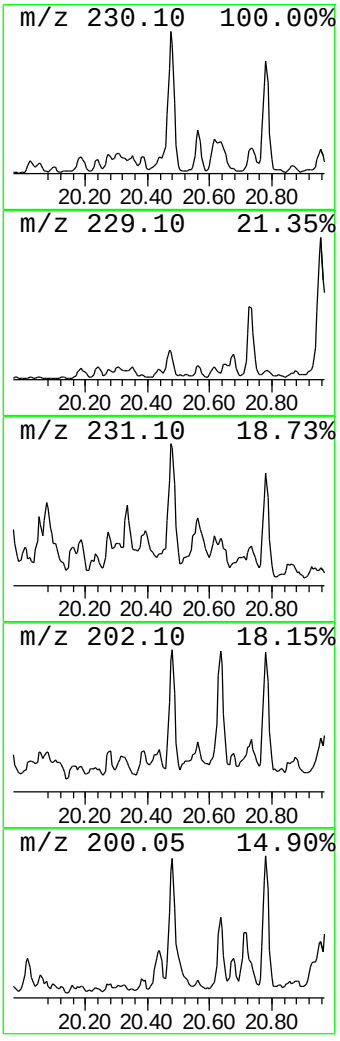
**********

Peak Number 23 11H-Benzo[a]fluoren-11-one Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.47 | 2.92 ng/ul | 1311350 | Chrysene-d12 | 21.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 96 |
| 2 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 87 |
| 3 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 86 |
| 4 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 86 |
| 5 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 81 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

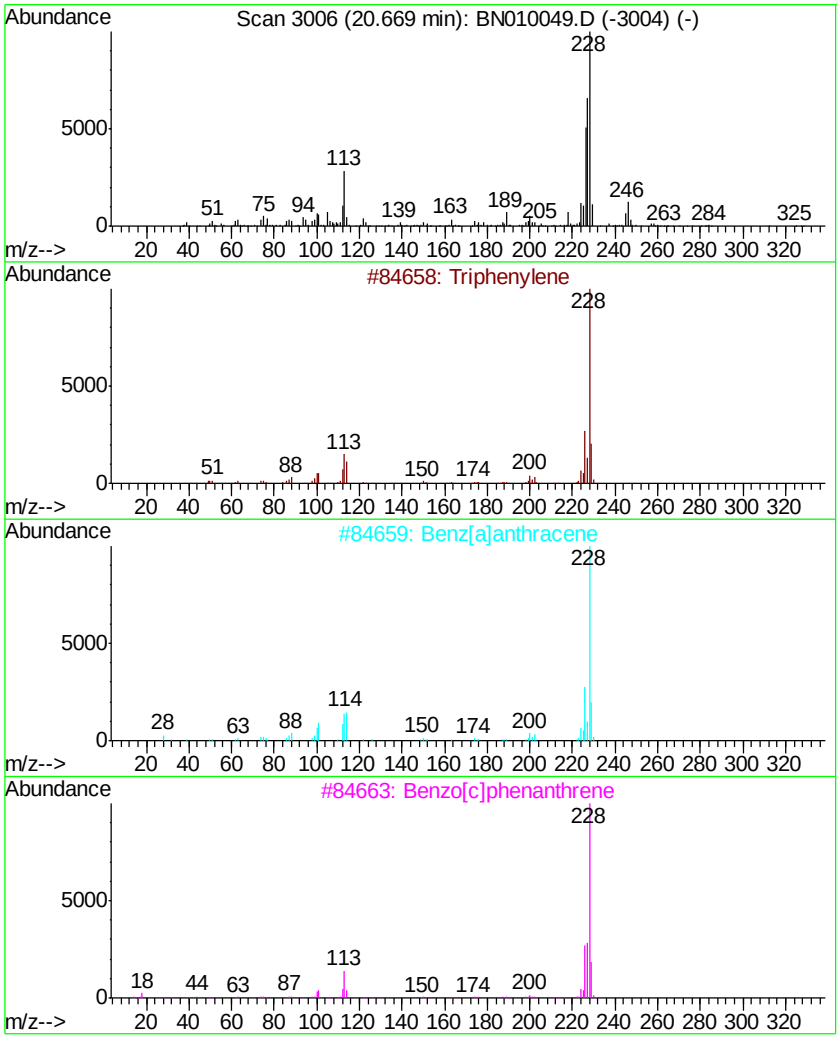
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

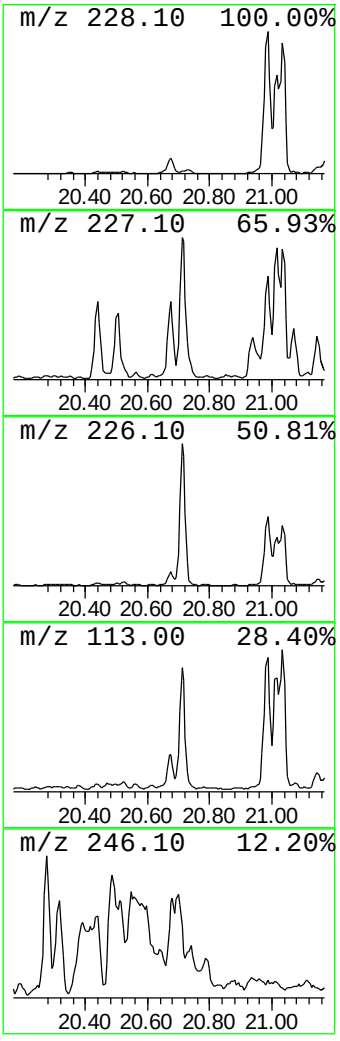
**********

Peak Number 24 unknown-02 Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.67 | 2.64 ng/ul | 1186860 | Chrysene-d12 | 21.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triphenylene | 228 | C18H12 | 000217-59-4 | 42 |
| 2 | Benz[a]anthracene | 228 | C18H12 | 000056-55-3 | 38 |
| 3 | Benzo[c]phenanthrene | 228 | C18H12 | 000195-19-7 | 38 |
| 4 | Cyclopenta(cd)pyrene, 3,4-dihydro- | 228 | C18H12 | 025732-74-5 | 38 |
| 5 | Purine-6(1H)-thione, 3,7-dimethy... | 228 | C7H8N4Se | 023663-58-3 | 37 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

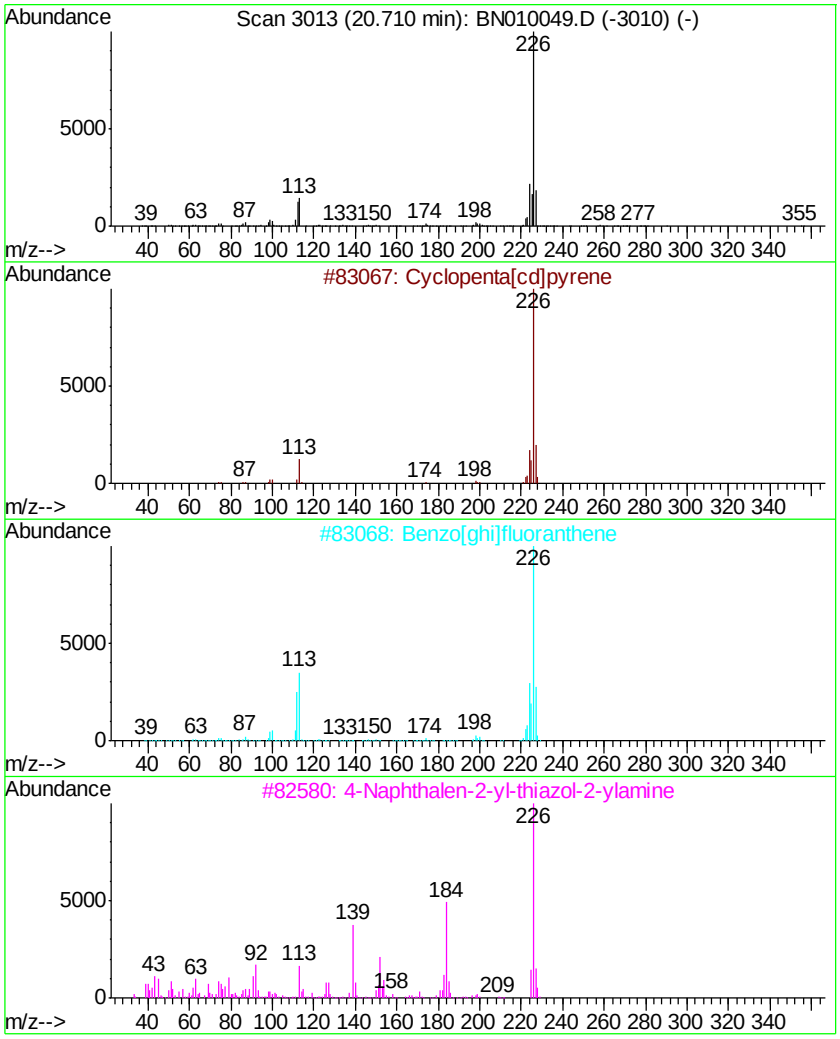
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

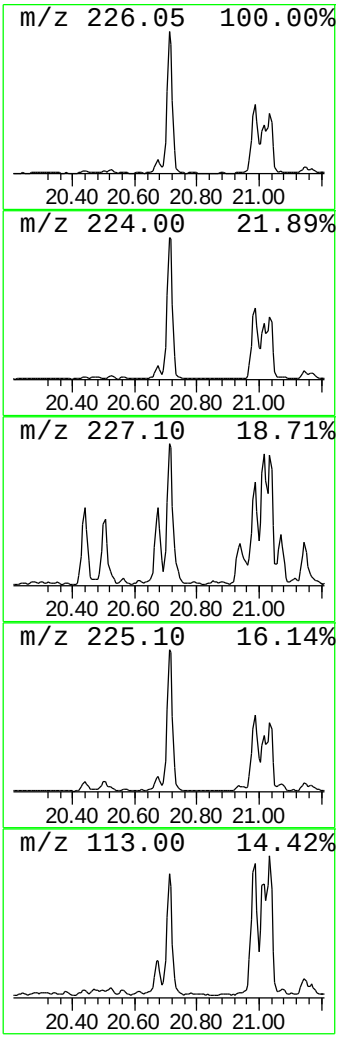
**********

Peak Number 25 Cyclopenta[cd]pyrene Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.71 | 9.40 ng/ul | 4217480 | Chrysene-d12 | 21.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta[cd]pyrene | 226 | C18H10 | 027208-37-3 | 81 |
| 2 | Benzo[ghi]fluoranthene | 226 | C18H10 | 000203-12-3 | 58 |
| 3 | 4-Naphthalen-2-yl-thiazol-2-ylamine | 226 | C13H10N2S | 1000300-53-4 | 53 |
| 4 | .beta.-Carboline, 7-methoxy-1,2-... | 226 | C14H14N2O | 006519-18-2 | 53 |
| 5 | 9H-Xanthen-9-one, 3-methoxy- | 226 | C14H10O3 | 003722-52-9 | 38 |



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Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

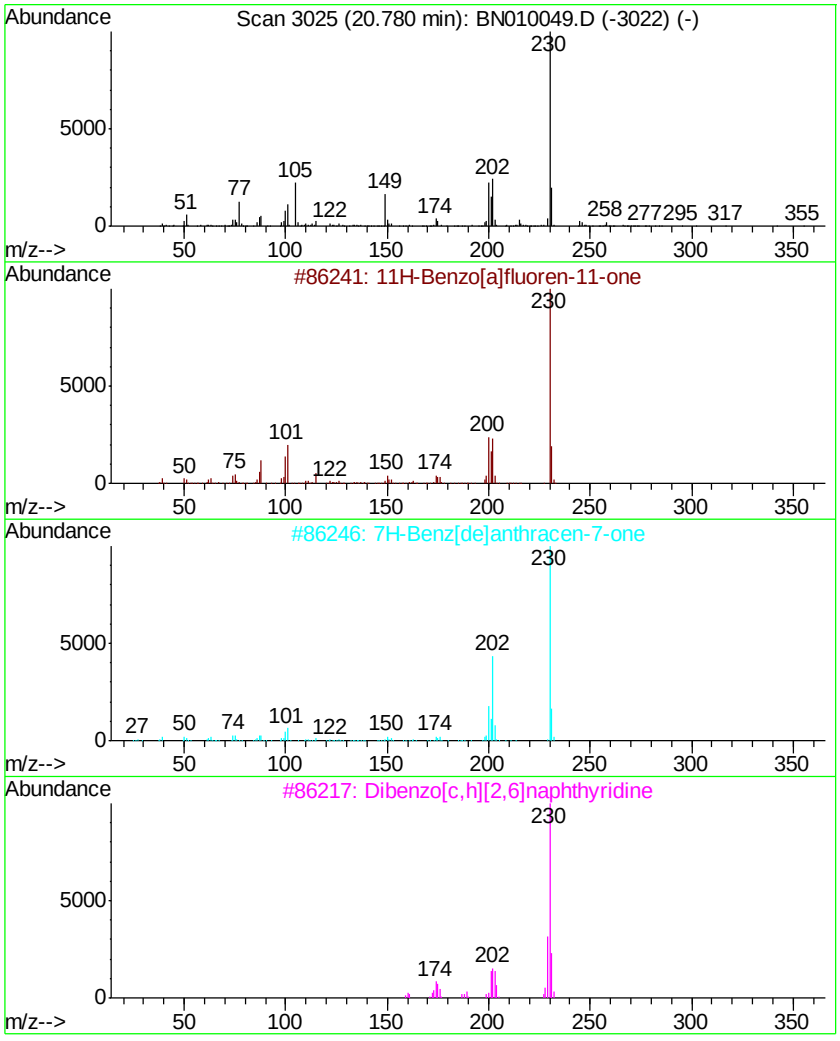
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

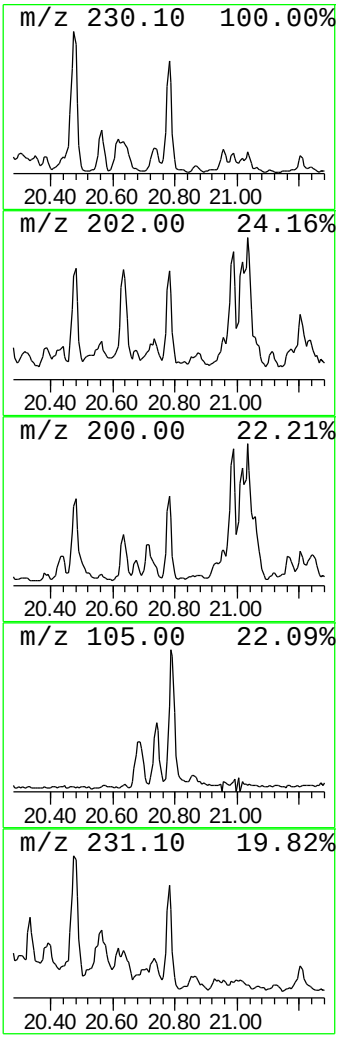
**********

Peak Number 26 7H-Benz[de]anthracen-7-one Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.78 | 2.03 ng/ul | 908842 | Chrysene-d12 | 21.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 90 |
| 2 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 70 |
| 3 | Dibenzo[c,h][2,6]naphthyridine | 230 | C16H10N2 | 000218-30-4 | 64 |
| 4 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 64 |
| 5 | 1-Pyrenecarboxaldehyde | 230 | C17H10O | 003029-19-4 | 64 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

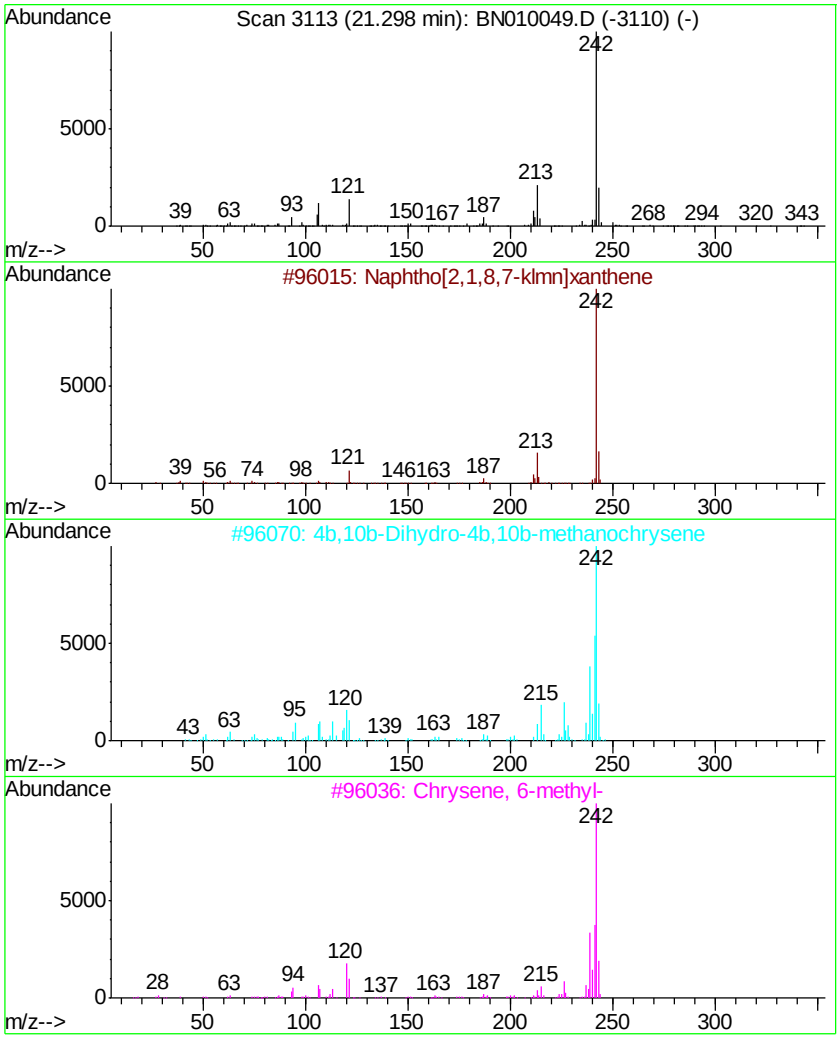
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

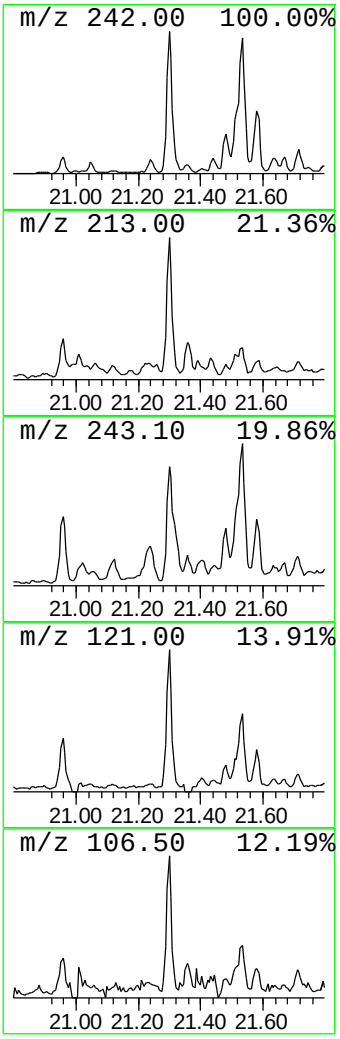
**********

Peak Number 27 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.30 | 3.56 ng/ul | 1599870 | Chrysene-d12 | 21.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphtho[2,1,8,7-klmn]xanthene | 242 | C18H10O | 000191-37-7 | 96 |
| 2 | 4b,10b-Dihydro-4b,10b-methanochr... | 242 | C19H14 | 071949-03-6 | 64 |
| 3 | Chrysene, 6-methyl- | 242 | C19H14 | 001705-85-7 | 64 |
| 4 | 1,1'-Biphenyl, 4,4'-diethoxy- | 242 | C16H18O2 | 007168-54-9 | 59 |
| 5 | Benz[a]anthracene, 10-methyl- | 242 | C19H14 | 002381-15-9 | 59 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

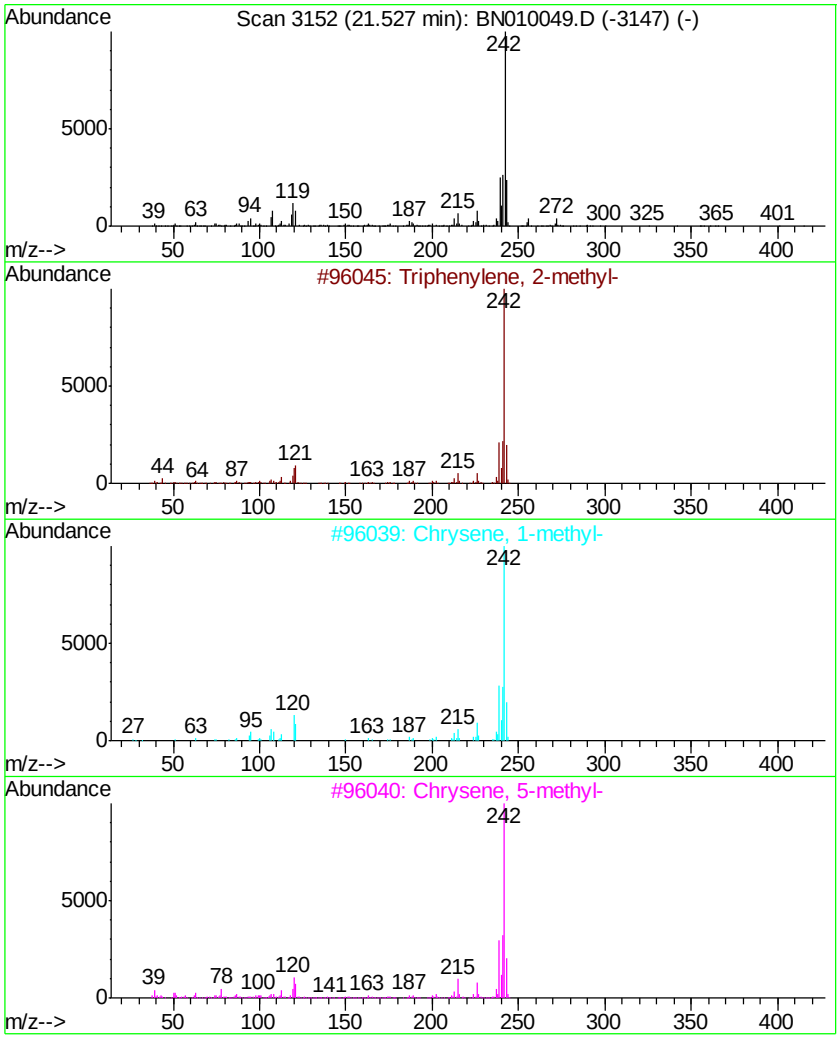
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

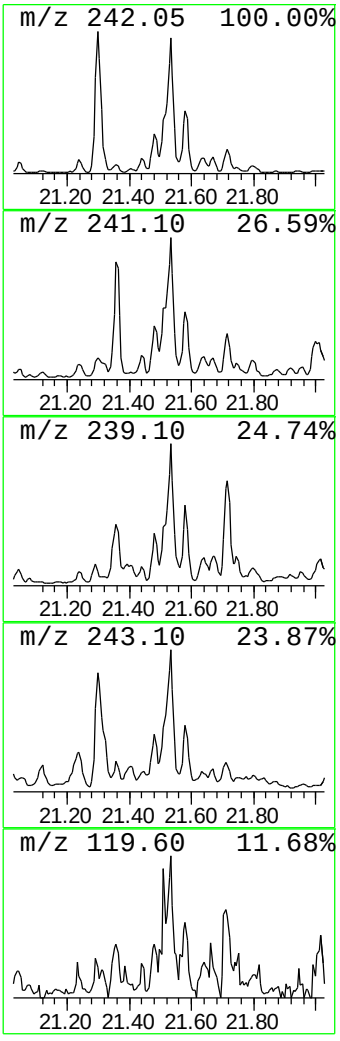
**********

Peak Number 28 Triphenylene, 2-methyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.53 | 4.85 ng/ul | 2176230 | Chrysene-d12 | 21.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triphenylene, 2-methyl- | 242 | C19H14 | 001705-84-6 | 97 |
| 2 | Chrysene, 1-methyl- | 242 | C19H14 | 003351-28-8 | 96 |
| 3 | Chrysene, 5-methyl- | 242 | C19H14 | 003697-24-3 | 93 |
| 4 | 1H-Benz[f]indene, 2-phenyl- | 242 | C19H14 | 1000305-22-4 | 92 |
| 5 | Benz[a]anthracene, 8-methyl- | 242 | C19H14 | 002381-31-9 | 89 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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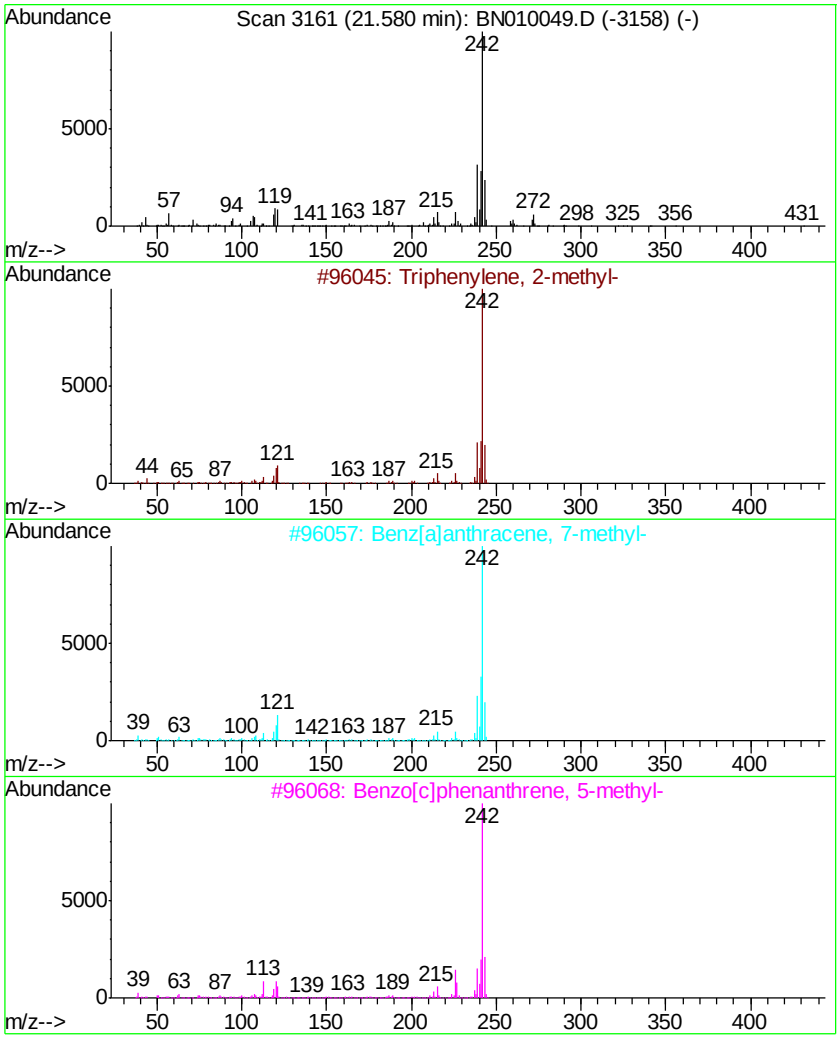
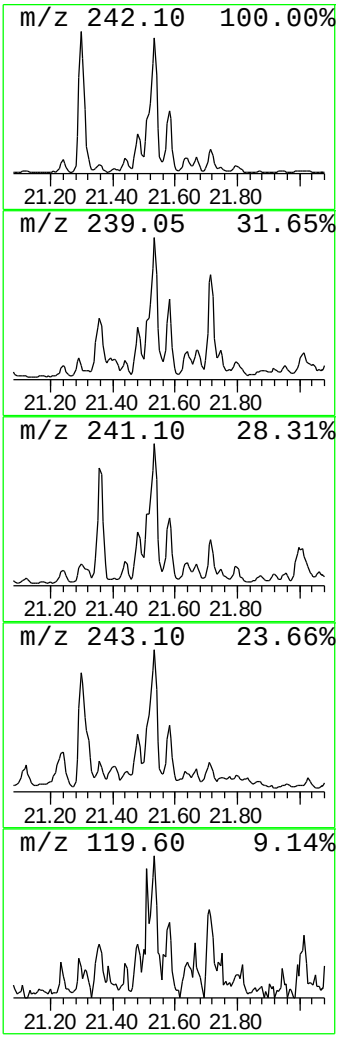
Peak Number 29 Benzo[c]phenanthrene, 5-met... Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.58 | 2.80 ng/ul | 1256810 | Chrysene-d12 | 21.00 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triphenylene, 2-methyl- | 242 | C19H14 | 001705-84-6 | 95 |
| 2 | Benz[a]anthracene, 7-methyl- | 242 | C19H14 | 002541-69-7 | 93 |
| 3 | Benzo[c]phenanthrene, 5-methyl- | 242 | C19H14 | 000652-04-0 | 89 |
| 4 | Chrysene, 6-methyl- | 242 | C19H14 | 001705-85-7 | 89 |
| 5 | Benz[a]anthracene, 11-methyl- | 242 | C19H14 | 006111-78-0 | 89 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

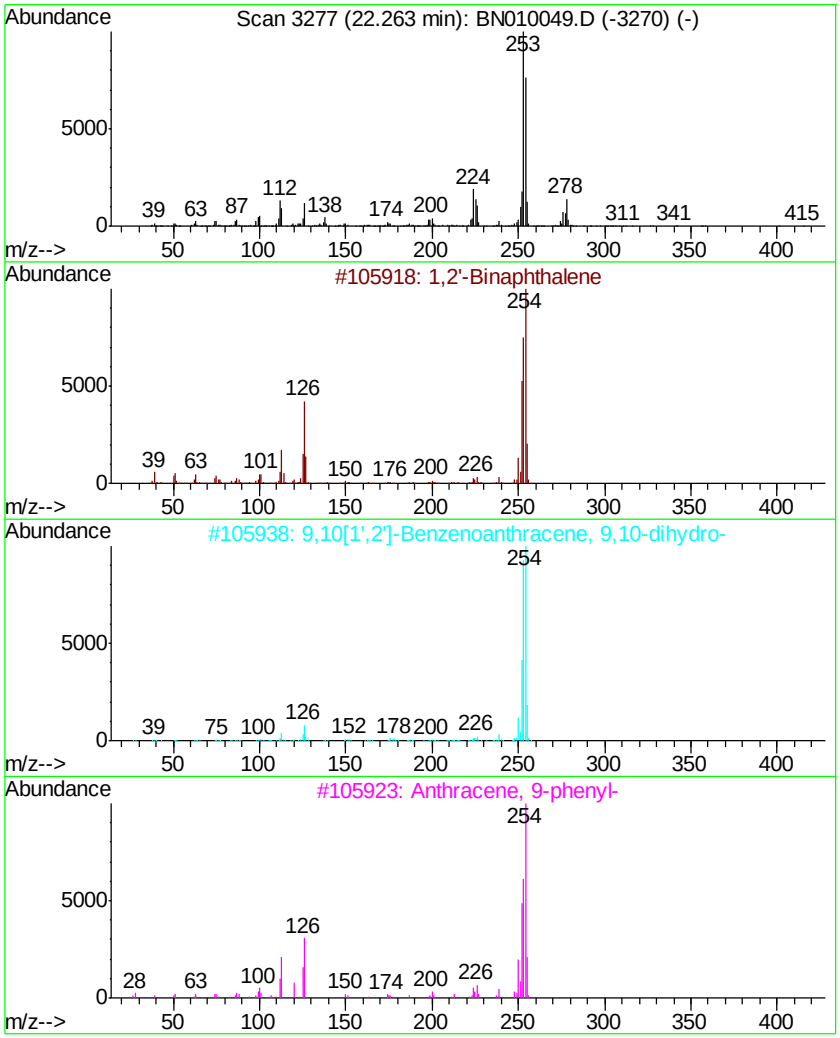
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

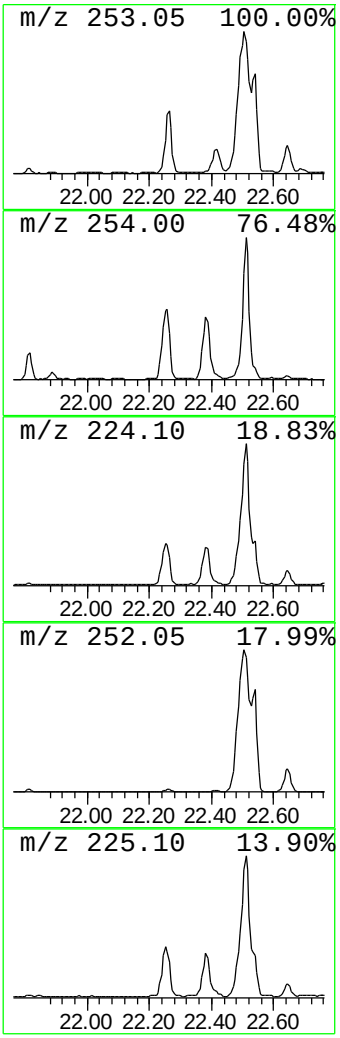
**********

Peak Number 30 1,2'-Binaphthalene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.26 | 56.42 ng/ul | 3299360 | Perylene-d12 | 23.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2'-Binaphthalene | 254 | C20H14 | 004325-74-0 | 76 |
| 2 | 9,10[1',2']-Benzenoanthracene, 9... | 254 | C20H14 | 000477-75-8 | 76 |
| 3 | Anthracene, 9-phenyl- | 254 | C20H14 | 000602-55-1 | 72 |
| 4 | 9H-Fluorene, 9-(phenylmethylene)- | 254 | C20H14 | 001836-87-9 | 72 |
| 5 | 9,10[1',2']-Benzenoanthracene, 9... | 254 | C20H14 | 000477-75-8 | 68 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

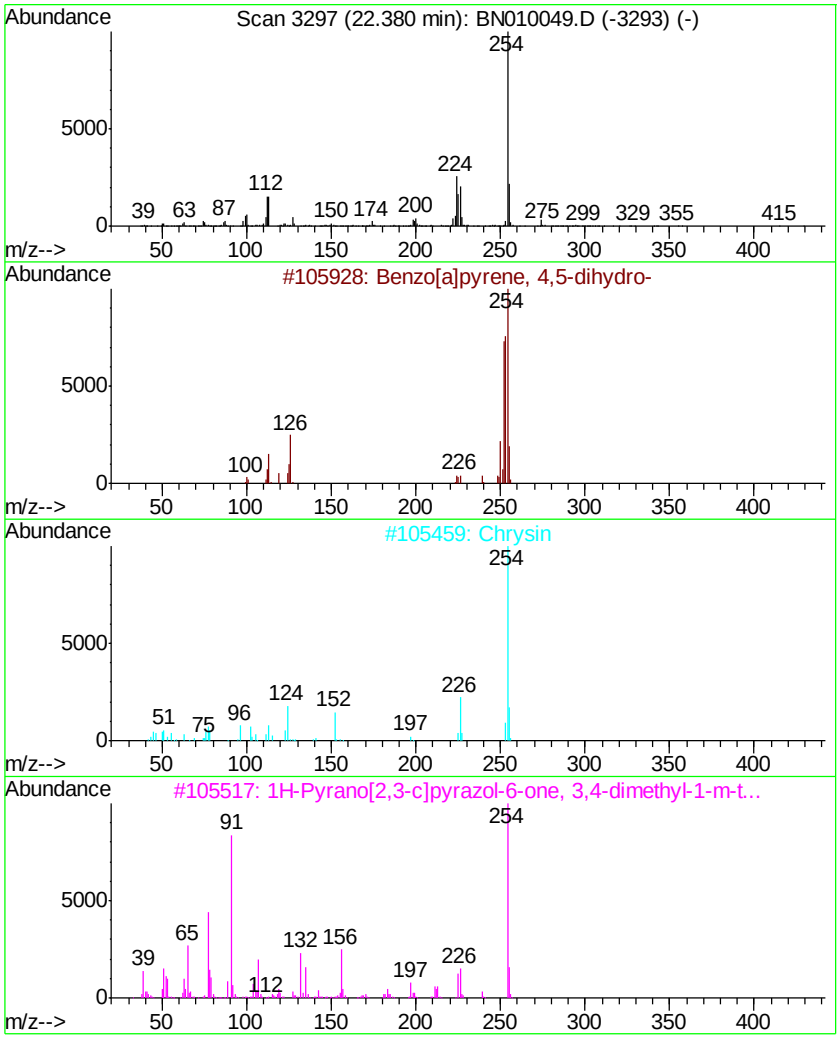
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

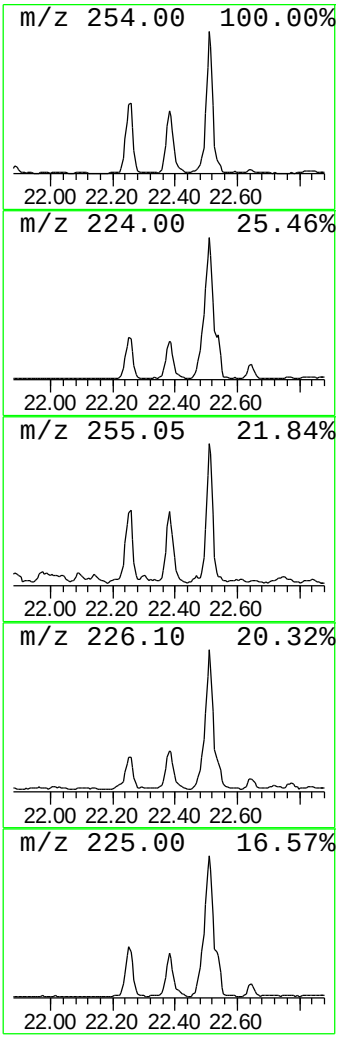
**********

Peak Number 31 Benzo[a]pyrene, 4,5-dihydro- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.38 | 29.86 ng/ul | 1745990 | Perylene-d12 | 23.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[a]pyrene, 4,5-dihydro- | 254 | C20H14 | 057652-66-1 | 58 |
| 2 | Chrysin | 254 | C15H10O4 | 000480-40-0 | 58 |
| 3 | 1H-Pyrano[2,3-c]pyrazol-6-one, 3... | 254 | C15H14N2O2 | 1000316-21-1 | 53 |
| 4 | Anthracene, 9-phenyl- | 254 | C20H14 | 000602-55-1 | 53 |
| 5 | Anthracene, 9-phenyl- | 254 | C20H14 | 000602-55-1 | 53 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

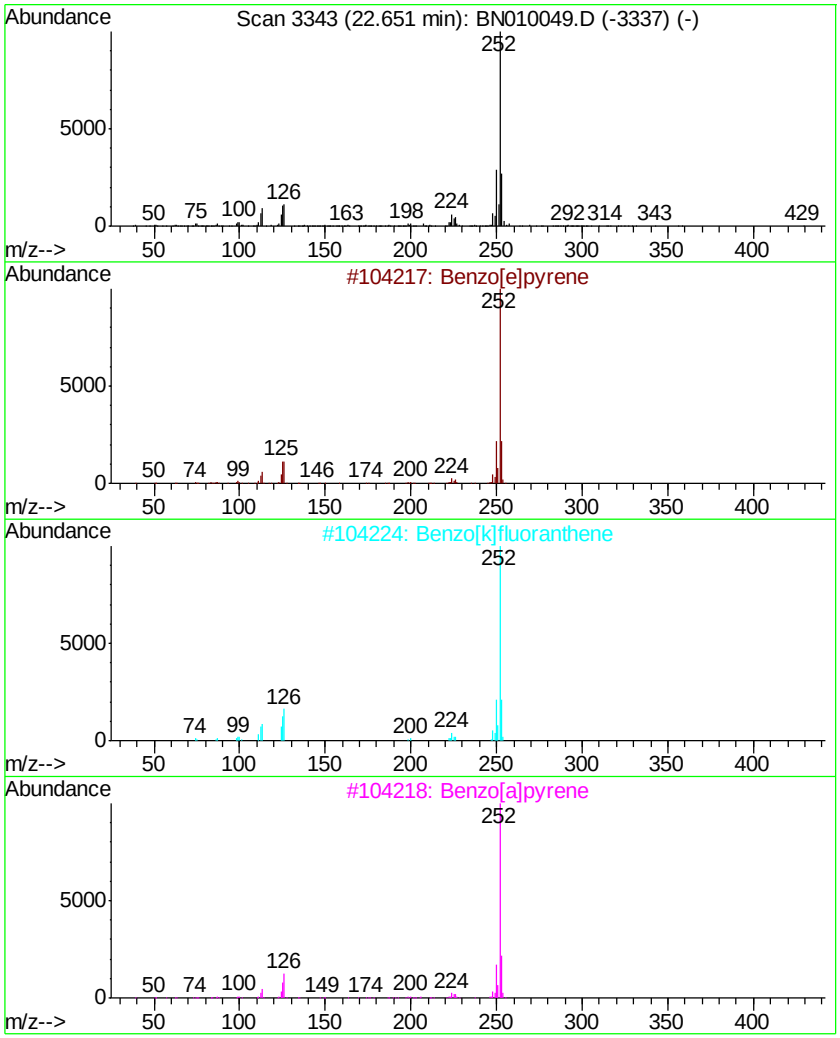
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

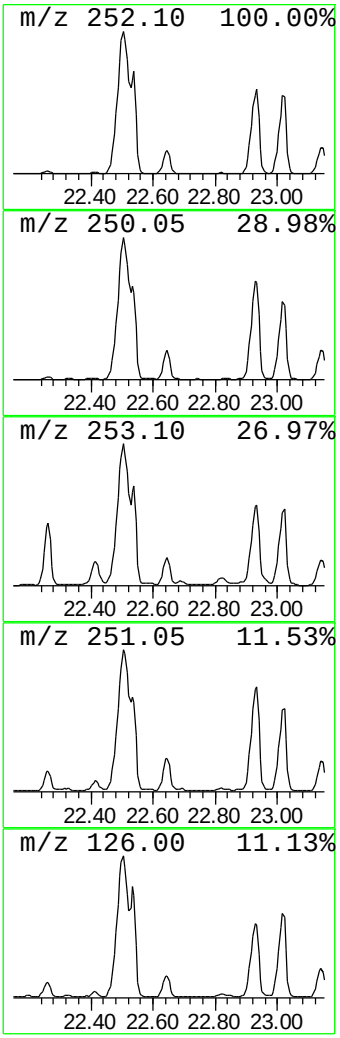
**********

Peak Number 32 Benzo[e]pyrene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.65 | 39.38 ng/ul | 2302610 | Perylene-d12 | 23.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 95 |
| 3 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 94 |
| 4 | Perylene | 252 | C20H12 | 000198-55-0 | 93 |
| 5 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

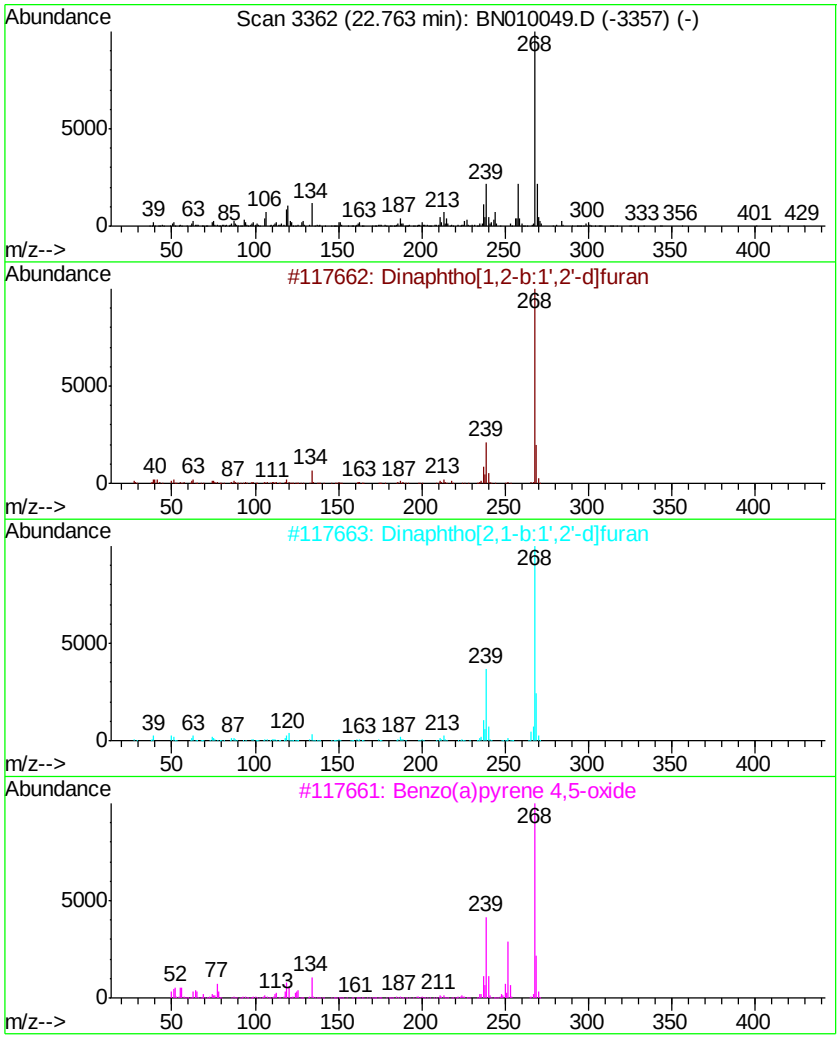
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

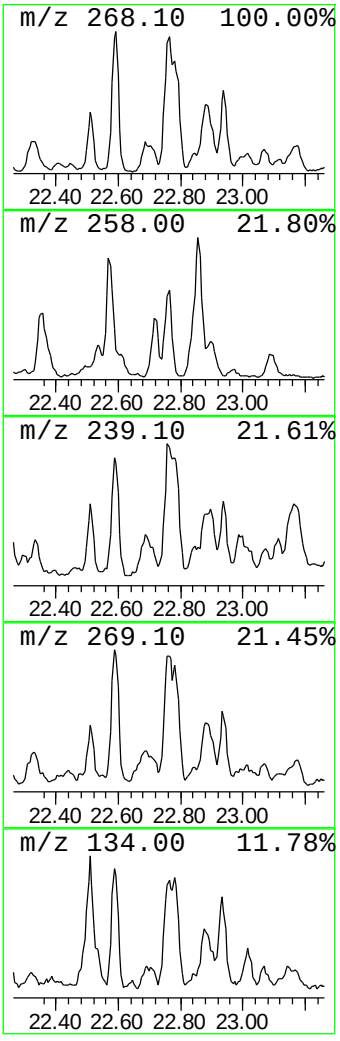
**********

Peak Number 33 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.76 | 30.42 ng/ul | 1778900 | Perylene-d12 | 23.09 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dinaphtho[1,2-b:1',2'-d]furan | 268 | C20H12O | 000207-93-2 | 93 |
| 2 | Dinaphtho[2,1-b:1',2'-d]furan | 268 | C20H12O | 000194-63-8 | 74 |
| 3 | Benzo(a)pyrene 4,5-oxide | 268 | C20H12O | 037574-47-3 | 64 |
| 4 | Dinaphtho[1,2-b:1',2'-d]furan | 268 | C20H12O | 000207-93-2 | 62 |
| 5 | 4H-1-Benzopyran-4-one, 5-hydroxy... | 268 | C16H12O4 | 000520-28-5 | 53 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBDT8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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 |
| 1-Propyne, 3-phenyl- | 7.89 | 18.3 | ng/ul | 650855 | 1 | 7.36 | 709880 | 20.0 |
| Indole | 11.64 | 5.3 | ng/ul | 280037 | 2 | 10.11 | 1050390 | 20.0 |
| unknown-01 | 12.92 | 3.1 | ng/ul | 218776 | 3 | 14.00 | 1400110 | 20.0 |
| 1(2H)-Acenaphthyl... | 15.76 | 6.7 | ng/ul | 502225 | 4 | 16.77 | 1494820 | 20.0 |
| (DEL) Alkane: Str... | 15.79 | 2.7 | ng/ul | 203311 | 4 | 16.77 | 1494820 | 20.0 |
| (DEL) Alkane: Str... | 16.62 | 4.7 | ng/ul | 353294 | 4 | 16.77 | 1494820 | 20.0 |
| Phenanthridine | 16.97 | 3.6 | ng/ul | 266482 | 4 | 16.77 | 1494820 | 20.0 |
| (DEL) Alkane: Str... | 17.30 | 4.0 | ng/ul | 302357 | 4 | 16.77 | 1494820 | 20.0 |
| 1,2-Acenaphthylen... | 17.47 | 2.6 | ng/ul | 195772 | 4 | 16.77 | 1494820 | 20.0 |
| n-Hexadecanoic acid | 17.70 | 4.8 | ng/ul | 362093 | 4 | 16.77 | 1494820 | 20.0 |
| Phenanthrene, 2-m... | 17.77 | 11.9 | ng/ul | 887459 | 4 | 16.77 | 1494820 | 20.0 |
| Phenanthrene, 1-m... | 17.85 | 8.0 | ng/ul | 594426 | 4 | 16.77 | 1494820 | 20.0 |
| 3-Methylcarbazole | 17.96 | 2.9 | ng/ul | 212719 | 4 | 16.77 | 1494820 | 20.0 |
| 4-Methylcarbazole | 18.00 | 5.3 | ng/ul | 398818 | 4 | 16.77 | 1494820 | 20.0 |
| Anthrone | 18.05 | 13.1 | ng/ul | 981754 | 4 | 16.77 | 1494820 | 20.0 |
| 9,10-Anthracenedione | 18.20 | 14.3 | ng/ul | 1071880 | 4 | 16.77 | 1494820 | 20.0 |
| Cyclopenta(def)ph... | 18.72 | 9.8 | ng/ul | 735652 | 4 | 16.77 | 1494820 | 20.0 |
| Acenaphtho(1,2-b)... | 19.46 | 2.7 | ng/ul | 1197470 | 5 | 21.00 | 8975700 | 20.0 |
| Pyrene, 1-methyl- | 19.56 | 2.5 | ng/ul | 1114560 | 5 | 21.00 | 8975700 | 20.0 |
| Fluoranthene, 2-m... | 19.69 | 6.2 | ng/ul | 2767650 | 5 | 21.00 | 8975700 | 20.0 |
| Pyrene, 2-methyl- | 19.87 | 3.1 | ng/ul | 1373860 | 5 | 21.00 | 8975700 | 20.0 |
| 11H-Benzo[a]fluorene | 20.02 | 3.1 | ng/ul | 1395680 | 5 | 21.00 | 8975700 | 20.0 |
| 11H-Benzo[a]fluor... | 20.47 | 2.9 | ng/ul | 1311350 | 5 | 21.00 | 8975700 | 20.0 |
| unknown-02 | 20.67 | 2.6 | ng/ul | 1186860 | 5 | 21.00 | 8975700 | 20.0 |
| Cyclopenta[cd]pyrene | 20.71 | 9.4 | ng/ul | 4217480 | 5 | 21.00 | 8975700 | 20.0 |
| 7H-Benz[de]anthra... | 20.78 | 2.0 | ng/ul | 908842 | 5 | 21.00 | 8975700 | 20.0 |
| Naphtho[2,1,8,7-k... | 21.30 | 3.6 | ng/ul | 1599870 | 5 | 21.00 | 8975700 | 20.0 |
| Triphenylene, 2-m... | 21.53 | 4.8 | ng/ul | 2176230 | 5 | 21.00 | 8975700 | 20.0 |
| Benzo[c]phenanthr... | 21.58 | 2.8 | ng/ul | 1256810 | 5 | 21.00 | 8975700 | 20.0 |
| 1,2'-Binaphthalene | 22.26 | 56.4 | ng/ul | 3299360 | 6 | 23.09 | 1169550 | 20.0 |
| Benzo[a]pyrene, 4... | 22.38 | 29.9 | ng/ul | 1745990 | 6 | 23.09 | 1169550 | 20.0 |
| Benzo[e]pyrene | 22.65 | 39.4 | ng/ul | 2302610 | 6 | 23.09 | 1169550 | 20.0 |
| Dinaphtho[1,2-b:1... | 22.76 | 30.4 | ng/ul | 1778900 | 6 | 23.09 | 1169550 | 20.0 |