LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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 | 4.681 | 284 | 288 | 297 | rBV2 | 83562 | 131776 | 1.24% | 0.112% |
| 2 | 5.198 | 372 | 376 | 386 | rVB2 | 80657 | 138758 | 1.31% | 0.117% |
| 3 | 6.728 | 630 | 636 | 648 | rVB2 | 518752 | 1034590 | 9.74% | 0.876% |
| 4 | 6.875 | 655 | 661 | 670 | rBV | 442877 | 673970 | 6.35% | 0.570% |
| 5 | 7.063 | 686 | 693 | 701 | rBV2 | 631030 | 1024153 | 9.64% | 0.867% |
| 6 | 7.522 | 765 | 771 | 781 | rVB | 464442 | 743056 | 7.00% | 0.629% |
| 7 | 7.645 | 786 | 792 | 802 | rVB | 116363 | 208682 | 1.96% | 0.177% |
| 8 | 8.251 | 888 | 895 | 902 | rBV2 | 561485 | 987844 | 9.30% | 0.836% |
| 9 | 8.351 | 908 | 912 | 920 | rVB | 76839 | 123083 | 1.16% | 0.104% |
| 10 | 8.681 | 961 | 968 | 982 | rBV | 625784 | 1138587 | 10.72% | 0.964% |
| 11 | 9.392 | 1083 | 1089 | 1097 | rBV | 526724 | 944037 | 8.89% | 0.799% |
| 12 | 9.710 | 1137 | 1143 | 1149 | rVB2 | 138836 | 237674 | 2.24% | 0.201% |
| 13 | 9.939 | 1175 | 1182 | 1195 | rBV | 691088 | 1336280 | 12.58% | 1.131% |
| 14 | 10.292 | 1233 | 1242 | 1247 | rBV | 632888 | 1098164 | 10.34% | 0.929% |
| 15 | 10.339 | 1247 | 1250 | 1257 | rVB | 240254 | 391969 | 3.69% | 0.332% |
| 16 | 10.457 | 1263 | 1270 | 1283 | rBV2 | 262498 | 606550 | 5.71% | 0.513% |
| 17 | 11.969 | 1519 | 1527 | 1532 | rBV2 | 86179 | 141021 | 1.33% | 0.119% |
| 18 | 12.192 | 1554 | 1565 | 1572 | rBV | 71596 | 133673 | 1.26% | 0.113% |
| 19 | 12.992 | 1697 | 1701 | 1708 | rBV4 | 80868 | 138199 | 1.30% | 0.117% |
| 20 | 13.339 | 1754 | 1760 | 1768 | rBV7 | 39860 | 108674 | 1.02% | 0.092% |
| 21 | 13.492 | 1779 | 1786 | 1791 | rBV4 | 82946 | 171479 | 1.61% | 0.145% |
| 22 | 13.604 | 1799 | 1805 | 1809 | rBV | 1348744 | 1826541 | 17.20% | 1.546% |
| 23 | 13.651 | 1809 | 1813 | 1819 | rVB | 879808 | 1153809 | 10.86% | 0.976% |
| 24 | 13.868 | 1842 | 1850 | 1868 | rBV2 | 1527611 | 2676230 | 25.20% | 2.265% |
| 25 | 14.080 | 1879 | 1886 | 1891 | rBV | 133123 | 190728 | 1.80% | 0.161% |
| 26 | 14.180 | 1894 | 1903 | 1909 | rVV3 | 880436 | 1395248 | 13.14% | 1.181% |
| 27 | 14.245 | 1909 | 1914 | 1923 | rVB | 239117 | 373154 | 3.51% | 0.316% |
| 28 | 14.457 | 1945 | 1950 | 1962 | rBV2 | 252998 | 592205 | 5.58% | 0.501% |
| 29 | 14.586 | 1967 | 1972 | 1976 | rBV | 224645 | 328003 | 3.09% | 0.278% |
| 30 | 14.798 | 2001 | 2008 | 2014 | rBV7 | 48422 | 111814 | 1.05% | 0.095% |
| 31 | 14.980 | 2031 | 2039 | 2043 | rVV5 | 61042 | 139063 | 1.31% | 0.118% |
| 32 | 15.039 | 2043 | 2049 | 2056 | rVB4 | 151820 | 314655 | 2.96% | 0.266% |
| 33 | 15.186 | 2068 | 2074 | 2079 | rBV | 1808324 | 2585829 | 24.35% | 2.188% |
| 34 | 15.239 | 2079 | 2083 | 2088 | rVB | 308991 | 429693 | 4.05% | 0.364% |

LSC Area Percent Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 15.357 | 2095 | 2103 | 2107 | rBV4 | 132550 | 287900 | 2.71% | 0.244% |
| 36 | 15.539 | 2130 | 2134 | 2141 | rVB3 | 114967 | 196542 | 1.85% | 0.166% |
| 37 | 15.686 | 2155 | 2159 | 2165 | rVB2 | 110435 | 225562 | 2.12% | 0.191% |
| 38 | 15.909 | 2192 | 2197 | 2205 | rBV4 | 183666 | 384968 | 3.62% | 0.326% |
| 39 | 16.251 | 2248 | 2255 | 2259 | rBV4 | 111930 | 244204 | 2.30% | 0.207% |
| 40 | 16.515 | 2297 | 2300 | 2304 | rVB5 | 112181 | 143734 | 1.35% | 0.122% |
| 41 | 16.609 | 2311 | 2316 | 2321 | rVB | 215987 | 323860 | 3.05% | 0.274% |
| 42 | 16.698 | 2323 | 2331 | 2336 | rVV5 | 189796 | 415480 | 3.91% | 0.352% |
| 43 | 16.756 | 2337 | 2341 | 2350 | rVB | 255986 | 443463 | 4.18% | 0.375% |
| 44 | 16.945 | 2367 | 2373 | 2376 | rBV | 975331 | 1443780 | 13.59% | 1.222% |
| 45 | 16.986 | 2376 | 2380 | 2385 | rVV | 4844725 | 6323404 | 59.54% | 5.351% |
| 46 | 17.045 | 2385 | 2390 | 2393 | rVV | 2037661 | 2807018 | 26.43% | 2.375% |
| 47 | 17.074 | 2393 | 2395 | 2402 | rVB | 898507 | 1105276 | 10.41% | 0.935% |
| 48 | 17.145 | 2402 | 2407 | 2411 | rBV4 | 193056 | 355694 | 3.35% | 0.301% |
| 49 | 17.356 | 2436 | 2443 | 2451 | rBV2 | 420665 | 819132 | 7.71% | 0.693% |
| 50 | 17.439 | 2455 | 2457 | 2459 | rVV3 | 105345 | 128389 | 1.21% | 0.109% |
| 51 | 17.468 | 2459 | 2462 | 2465 | rVV4 | 155981 | 220816 | 2.08% | 0.187% |
| 52 | 17.527 | 2469 | 2472 | 2480 | rVB4 | 128446 | 260312 | 2.45% | 0.220% |
| 53 | 17.821 | 2517 | 2522 | 2525 | rBV | 631728 | 921944 | 8.68% | 0.780% |
| 54 | 17.862 | 2525 | 2529 | 2536 | rVB2 | 1992008 | 3071744 | 28.92% | 2.599% |
| 55 | 17.950 | 2541 | 2544 | 2548 | rVV | 296560 | 379248 | 3.57% | 0.321% |
| 56 | 18.009 | 2549 | 2554 | 2558 | rVV2 | 862461 | 1464272 | 13.79% | 1.239% |
| 57 | 18.050 | 2558 | 2561 | 2570 | rVB2 | 503350 | 747876 | 7.04% | 0.633% |
| 58 | 18.139 | 2572 | 2576 | 2580 | rBV3 | 227916 | 374304 | 3.52% | 0.317% |
| 59 | 18.221 | 2587 | 2590 | 2596 | rBV8 | 139719 | 204339 | 1.92% | 0.173% |
| 60 | 18.327 | 2604 | 2608 | 2613 | rBV | 434601 | 625375 | 5.89% | 0.529% |
| 61 | 18.380 | 2613 | 2617 | 2620 | rBV | 486687 | 677906 | 6.38% | 0.574% |
| 62 | 18.562 | 2645 | 2648 | 2653 | rVB3 | 235755 | 405925 | 3.82% | 0.344% |
| 63 | 18.750 | 2676 | 2680 | 2683 | rBV | 422408 | 648954 | 6.11% | 0.549% |
| 64 | 18.780 | 2683 | 2685 | 2687 | rVV | 167640 | 173047 | 1.63% | 0.146% |
| 65 | 18.903 | 2701 | 2706 | 2711 | rBV2 | 372717 | 691423 | 6.51% | 0.585% |
| 66 | 19.021 | 2720 | 2726 | 2732 | rBV | 7914151 | 10620913 | 100.00% | 8.988% |
| 67 | 19.150 | 2744 | 2748 | 2755 | rVB3 | 711099 | 1144937 | 10.78% | 0.969% |
| 68 | 19.356 | 2778 | 2783 | 2785 | rBV3 | 3264812 | 4854861 | 45.71% | 4.108% |
| 69 | 19.386 | 2785 | 2788 | 2796 | rVB | 6520946 | 8593241 | 80.91% | 7.272% |
| 70 | 19.462 | 2797 | 2801 | 2804 | rBV2 | 316146 | 453729 | 4.27% | 0.384% |
| 71 | 19.597 | 2821 | 2824 | 2828 | rVB | 1586506 | 1718232 | 16.18% | 1.454% |

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Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 19.803 | 2856 | 2859 | 2862 | rVB | 520213 | 580855 | 5.47% | 0.492% |
| 73 | 19.886 | 2870 | 2873 | 2880 | rVB2 | 1009842 | 1833896 | 17.27% | 1.552% |
| 74 | 19.986 | 2887 | 2890 | 2892 | rBV | 592087 | 794567 | 7.48% | 0.672% |
| 75 | 20.009 | 2892 | 2894 | 2898 | rVV2 | 1277885 | 1506458 | 14.18% | 1.275% |
| 76 | 20.403 | 2959 | 2961 | 2965 | rVB | 491404 | 480383 | 4.52% | 0.407% |
| 77 | 20.644 | 2999 | 3002 | 3006 | rVB | 684460 | 753868 | 7.10% | 0.638% |
| 78 | 20.803 | 3026 | 3029 | 3032 | rBV2 | 623398 | 850967 | 8.01% | 0.720% |
| 79 | 20.844 | 3033 | 3036 | 3038 | rVV2 | 1069082 | 1379423 | 12.99% | 1.167% |
| 80 | 20.874 | 3038 | 3041 | 3050 | rVV4 | 1767316 | 2895982 | 27.27% | 2.451% |
| 81 | 20.944 | 3050 | 3053 | 3058 | rVB | 837060 | 1028420 | 9.68% | 0.870% |
| 82 | 21.150 | 3083 | 3088 | 3093 | rBV2 | 4201348 | 7597133 | 71.53% | 6.429% |
| 83 | 21.197 | 3093 | 3096 | 3104 | rVB | 3769681 | 4805724 | 45.25% | 4.067% |
| 84 | 21.309 | 3112 | 3115 | 3120 | rBV | 859801 | 1147936 | 10.81% | 0.971% |
| 85 | 22.703 | 3347 | 3352 | 3356 | rBV | 2471058 | 4975351 | 46.84% | 4.210% |
| 86 | 23.162 | 3426 | 3430 | 3434 | rBV | 1436416 | 2388622 | 22.49% | 2.021% |
| 87 | 23.209 | 3435 | 3438 | 3442 | rVV2 | 1636831 | 2827457 | 26.62% | 2.393% |
| 88 | 23.256 | 3442 | 3446 | 3452 | rVB | 2826119 | 4790260 | 45.10% | 4.054% |

Sum of corrected areas: 118168297

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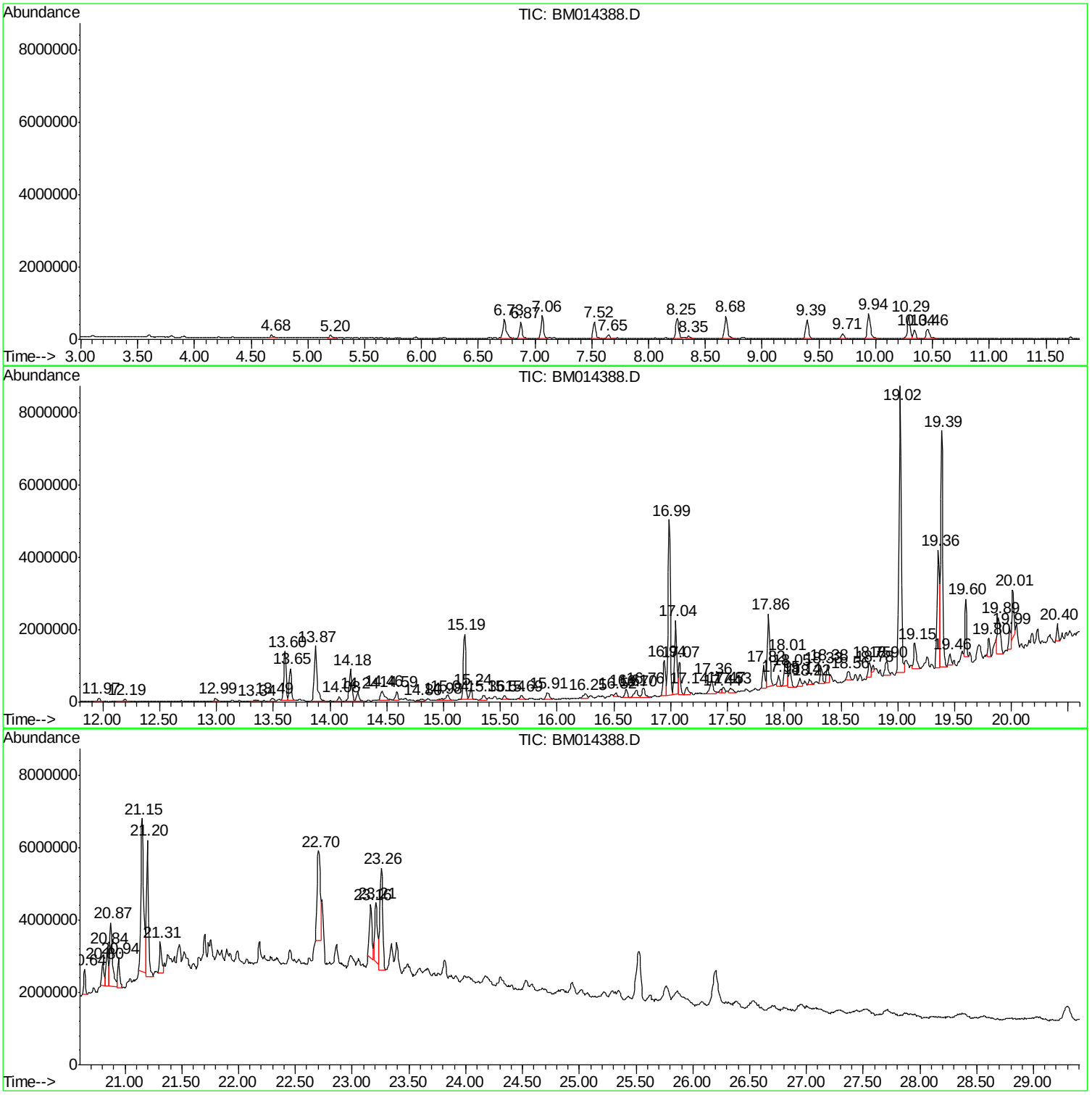
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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 M\DATA\BM022718\
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Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

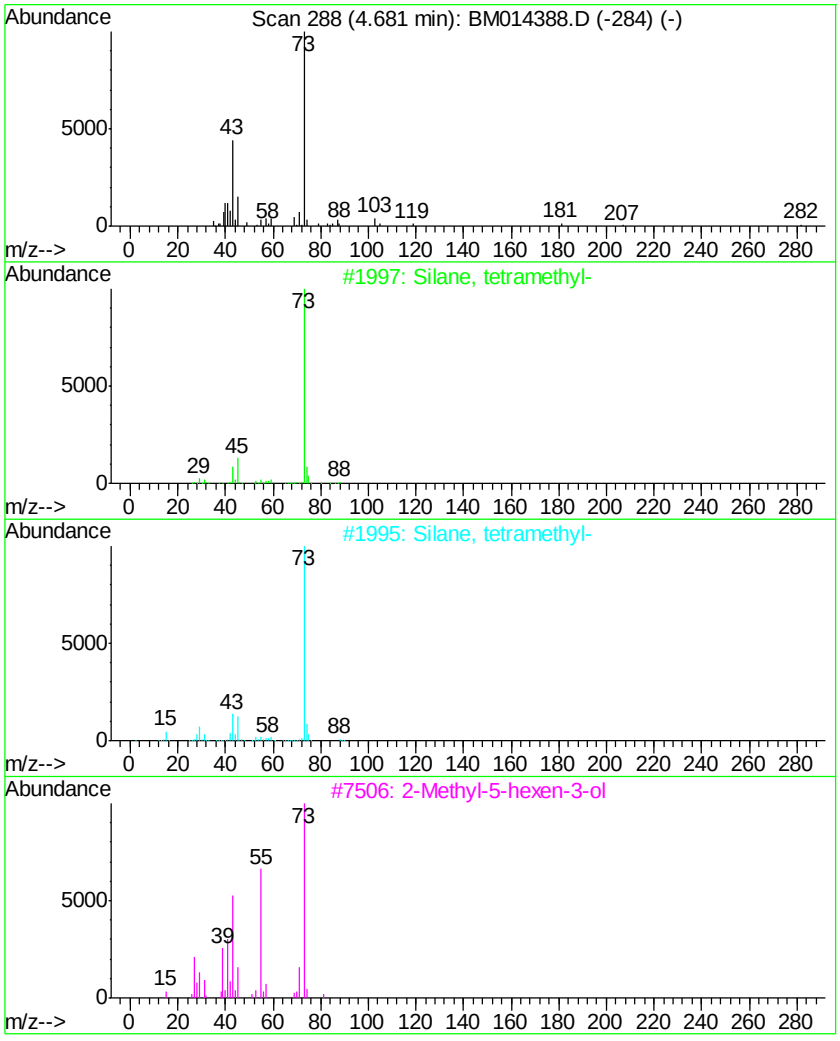
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

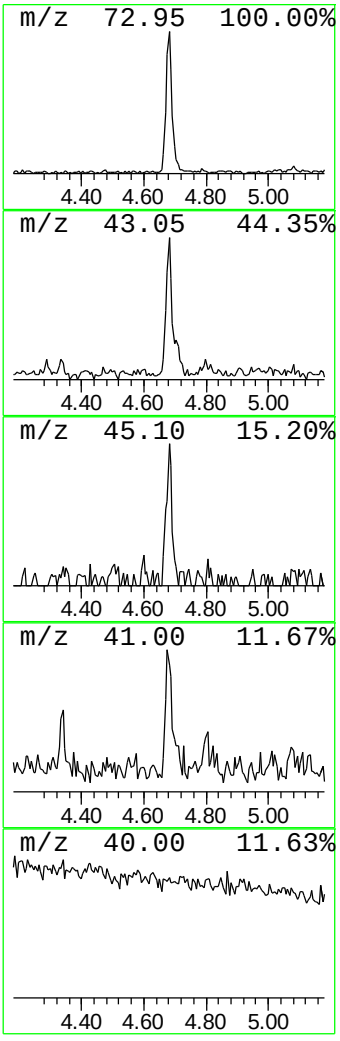
**********

Peak Number 1 unknown-01 Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.68 | 3.55 ng/ul | 131776 | 1,4-Dichlorobenzene-d4 | 7.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 47 |
| 2 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 28 |
| 3 | 2-Methyl-5-hexen-3-ol | 114 | C7H14O | 032815-70-6 | 23 |
| 4 | 2,5-Dimethyl-4-hydroxy-3-hexanone | 144 | C8H16O2 | 000815-77-0 | 12 |
| 5 | Boronic acid, ethyl-, dimethyl e... | 102 | C4H11BO2 | 007318-82-3 | 12 |



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Data File : BM014388.D
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Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

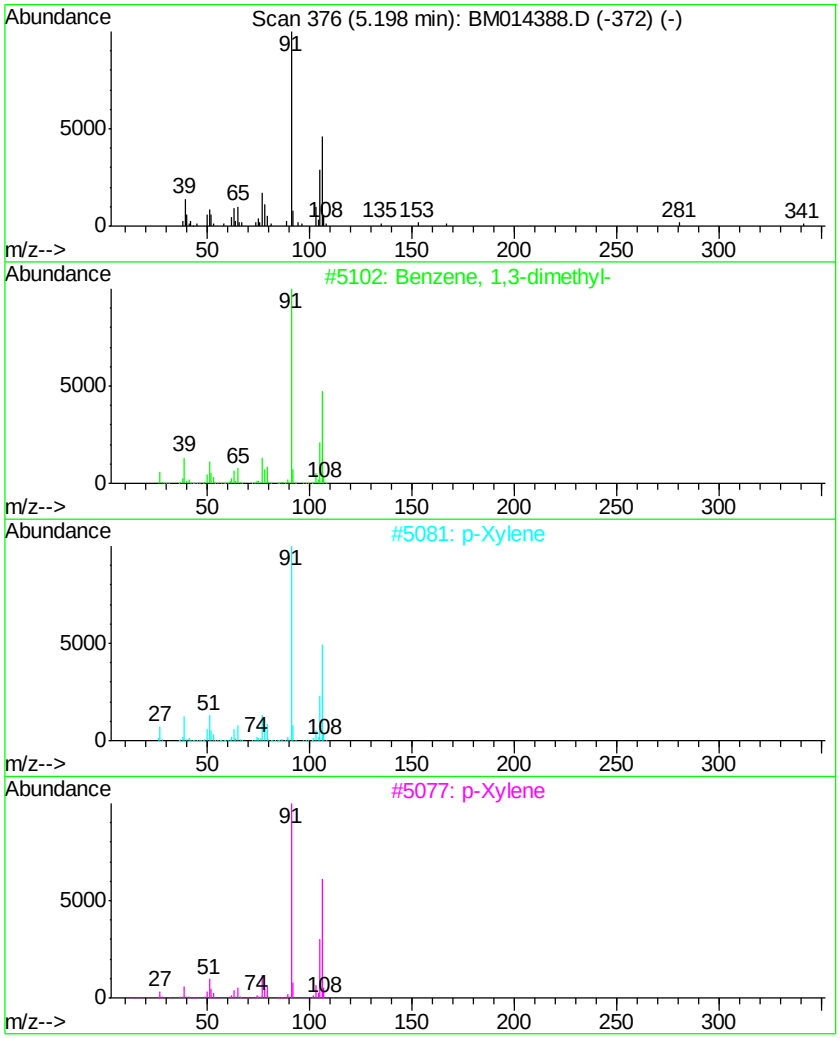
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

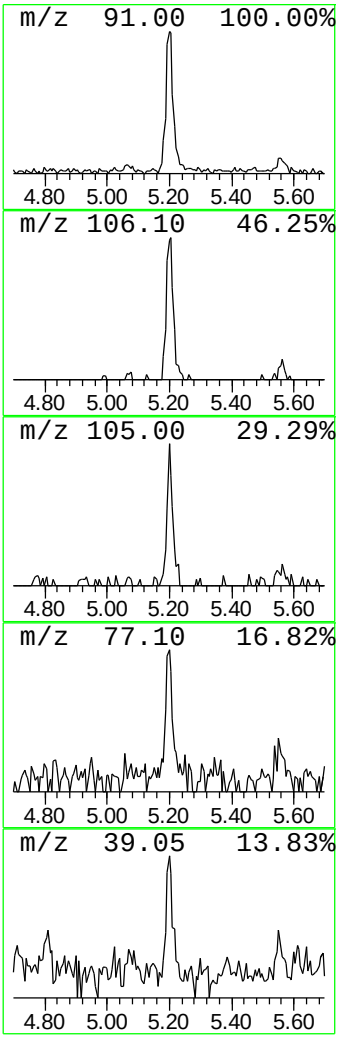
**********

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.20 | 3.73 ng/ul | 138758 | 1,4-Dichlorobenzene-d4 | 7.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 94 |
| 2 | p-Xylene | 106 | C8H10 | 000106-42-3 | 91 |
| 3 | p-Xylene | 106 | C8H10 | 000106-42-3 | 91 |
| 4 | p-Xylene | 106 | C8H10 | 000106-42-3 | 91 |
| 5 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 91 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
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Operator : SJ/JU
Sample : J1631-10
Misc :
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**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

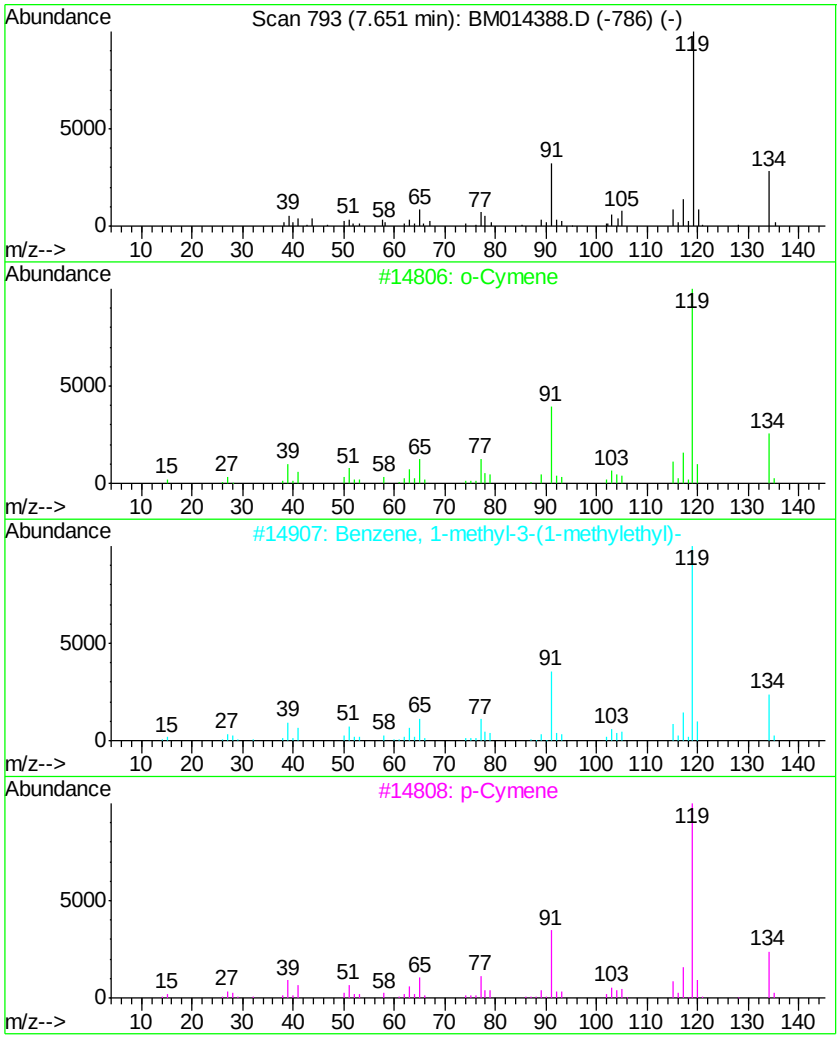
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

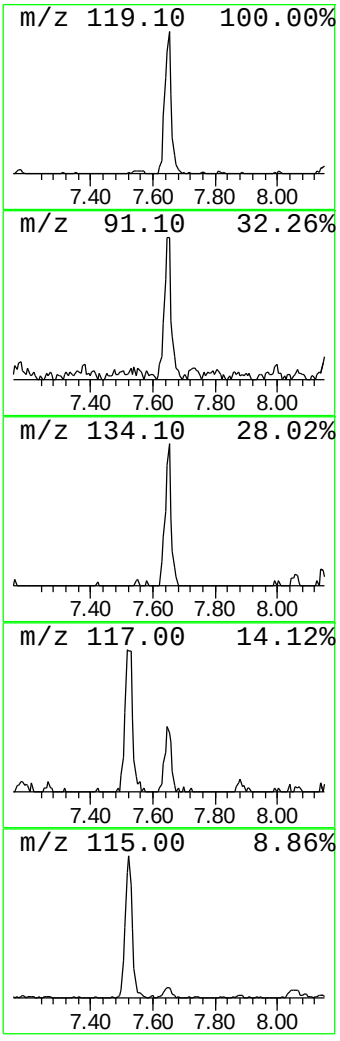
**********

Peak Number 3 o-Cymene Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.65 | 5.62 ng/ul | 208682 | 1,4-Dichlorobenzene-d4 | 7.52 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 97 |
| 2 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 97 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 96 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 94 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |



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**Instrument :** BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

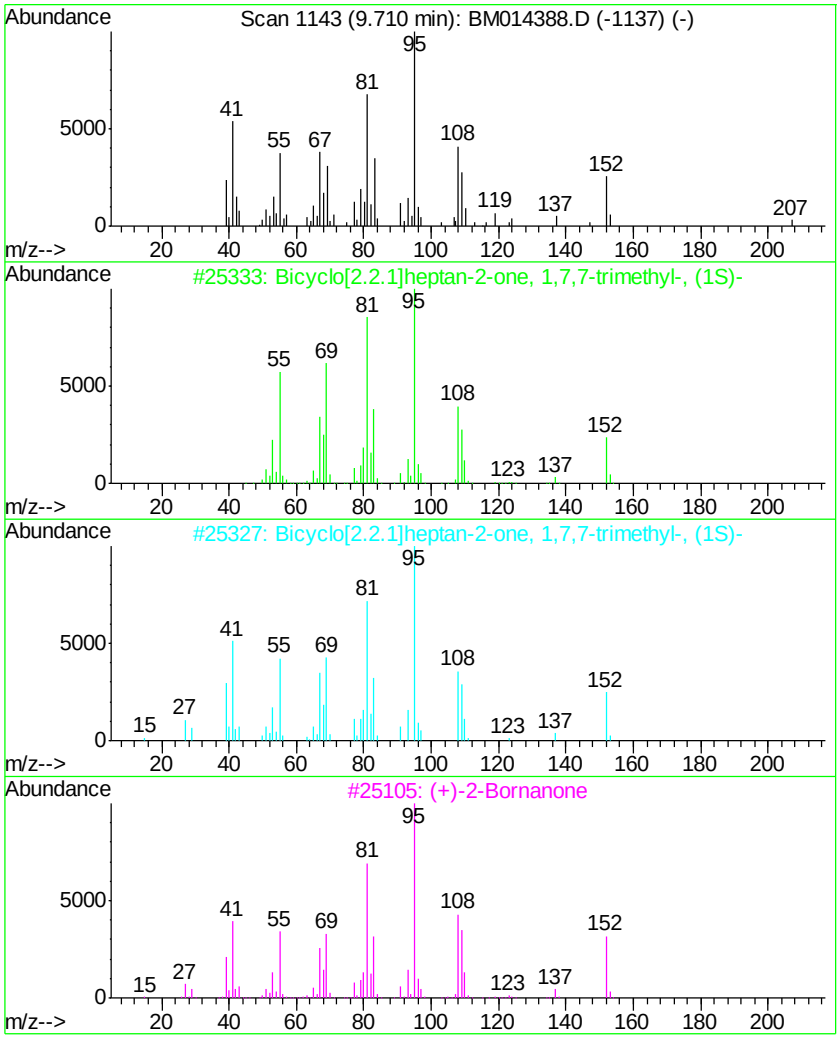
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

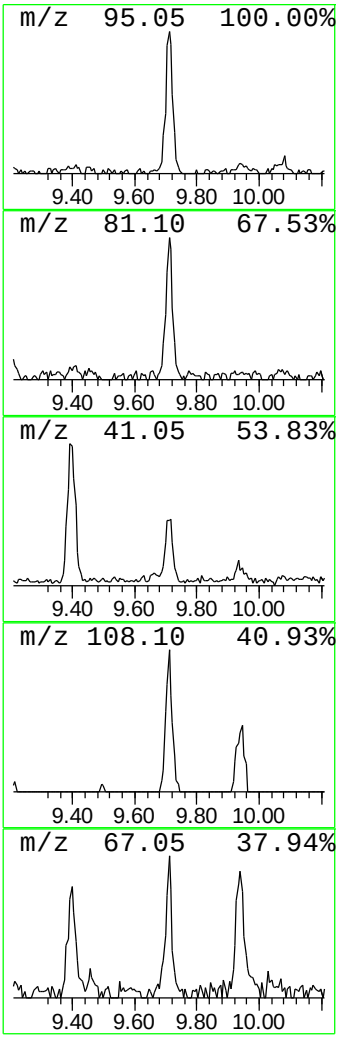
**********

Peak Number 4 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.71 | 4.33 ng/ul | 237674 | Naphthalene-d8 | 10.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[2.2.1]heptan-2-one, 1,7,... | 152 | C10H16O | 000464-48-2 | 97 |
| 2 | Bicyclo[2.2.1]heptan-2-one, 1,7,... | 152 | C10H16O | 000464-48-2 | 97 |
| 3 | (+)-2-Bornanone | 152 | C10H16O | 000464-49-3 | 97 |
| 4 | Camphor | 152 | C10H16O | 000076-22-2 | 96 |
| 5 | (+)-2-Bornanone | 152 | C10H16O | 000464-49-3 | 95 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

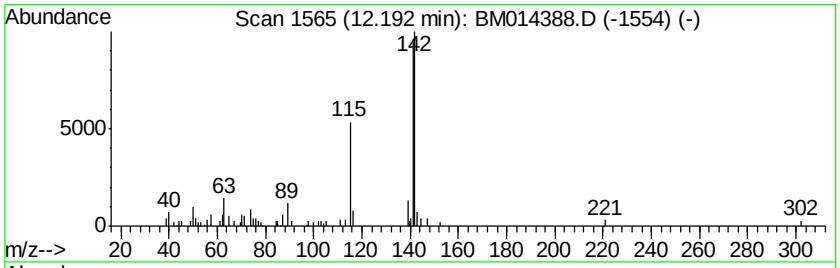
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

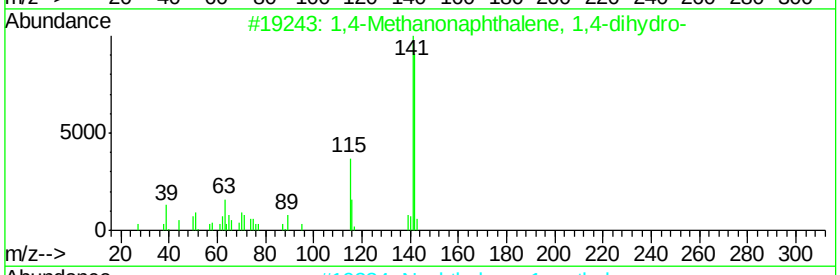
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

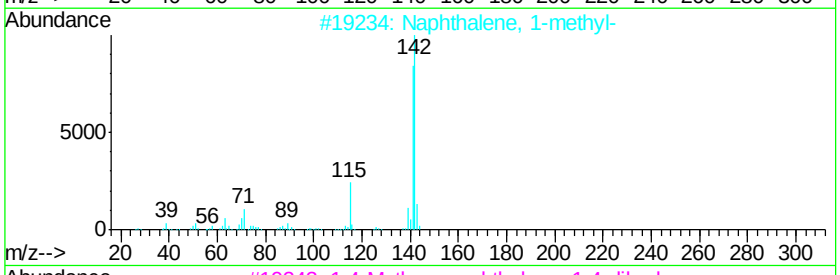
**********
Peak Number 5 1,4-Methanonaphthalene, 1,4... Concentration Rank 37

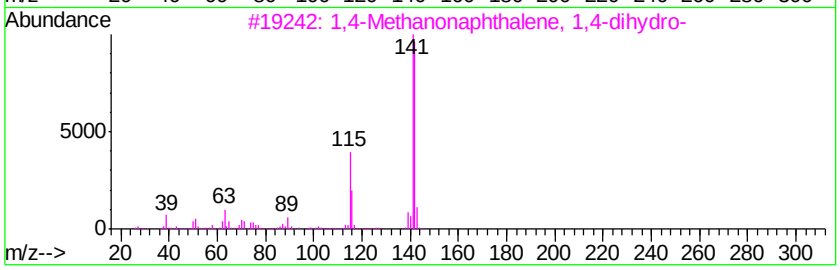
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.19 | 2.43 ng/ul | 133673 | Naphthalene-d8 | 10.29 |

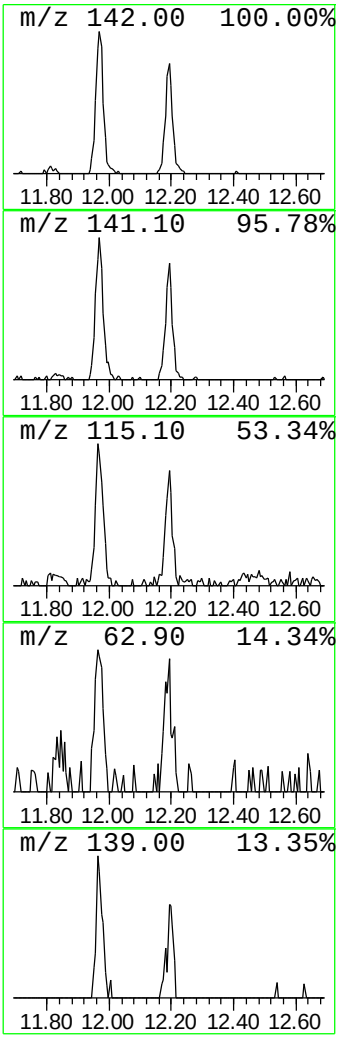
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 91 |
| 2 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 90 |
| 3 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 90 |
| 4 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 87 |
| 5 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 87 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

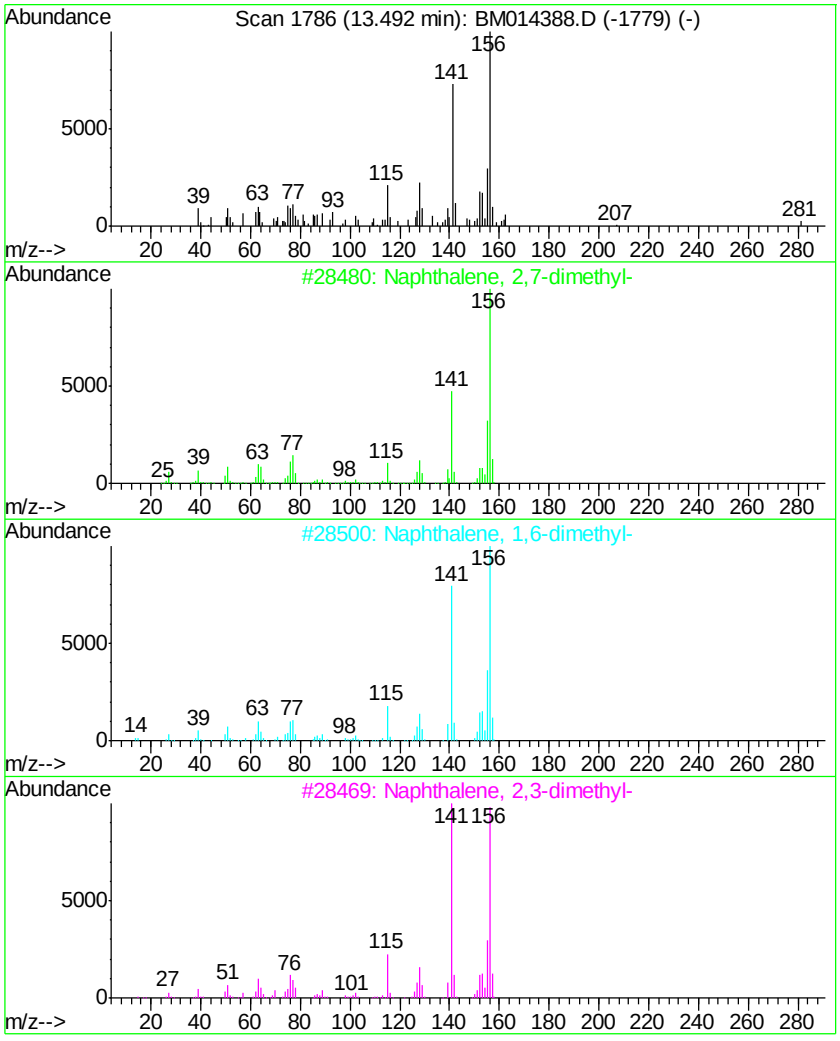
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

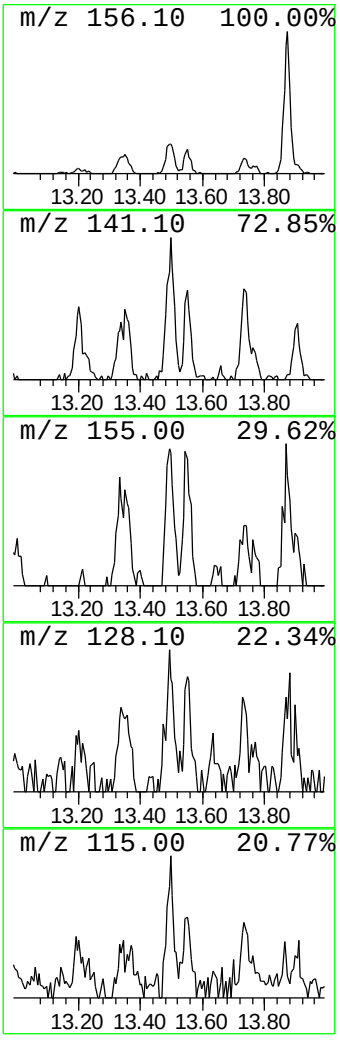
**********

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.49 | 2.46 ng/ul | 171479 | Acenaphthene-d10 | 14.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 95 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

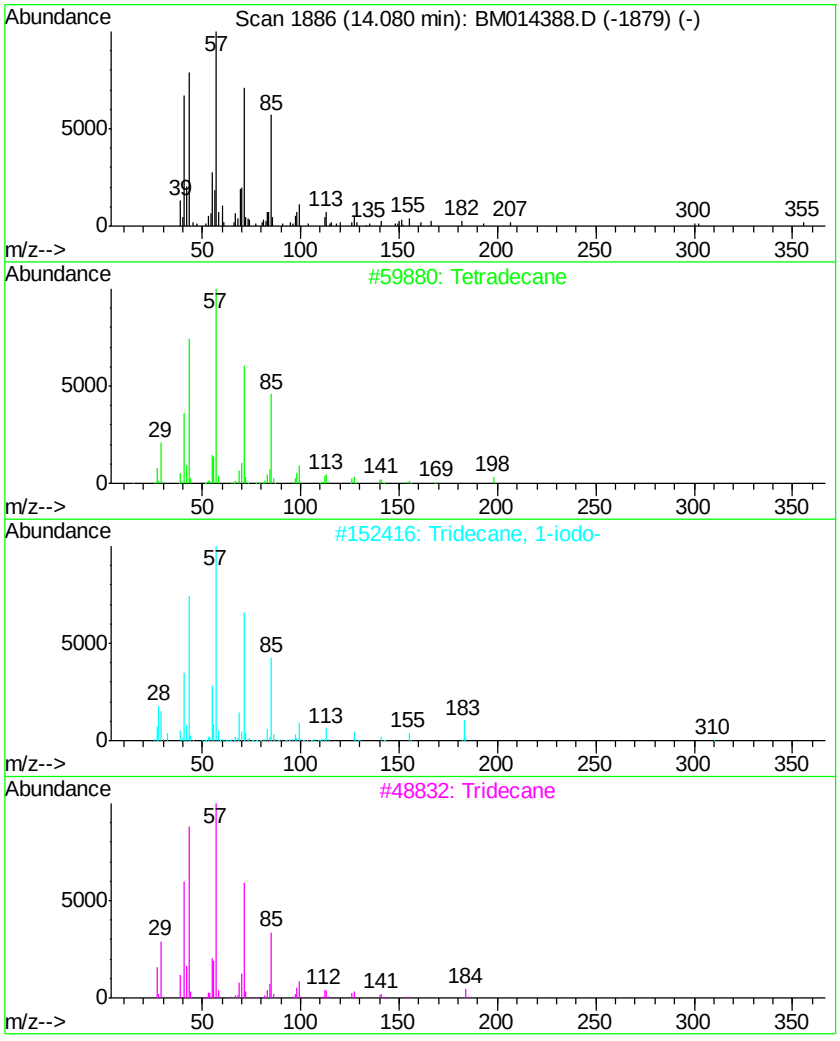
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

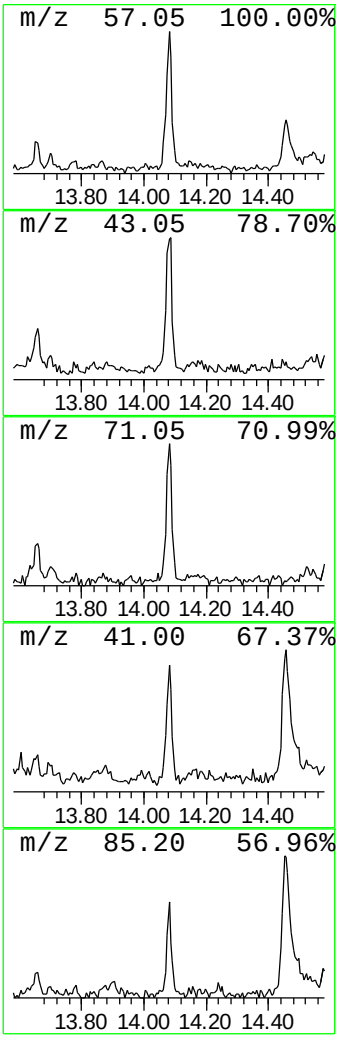
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.08 | 2.73 ng/ul | 190728 | Acenaphthene-d10 | 14.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 64 |
| 2 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 58 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 58 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 58 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 58 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

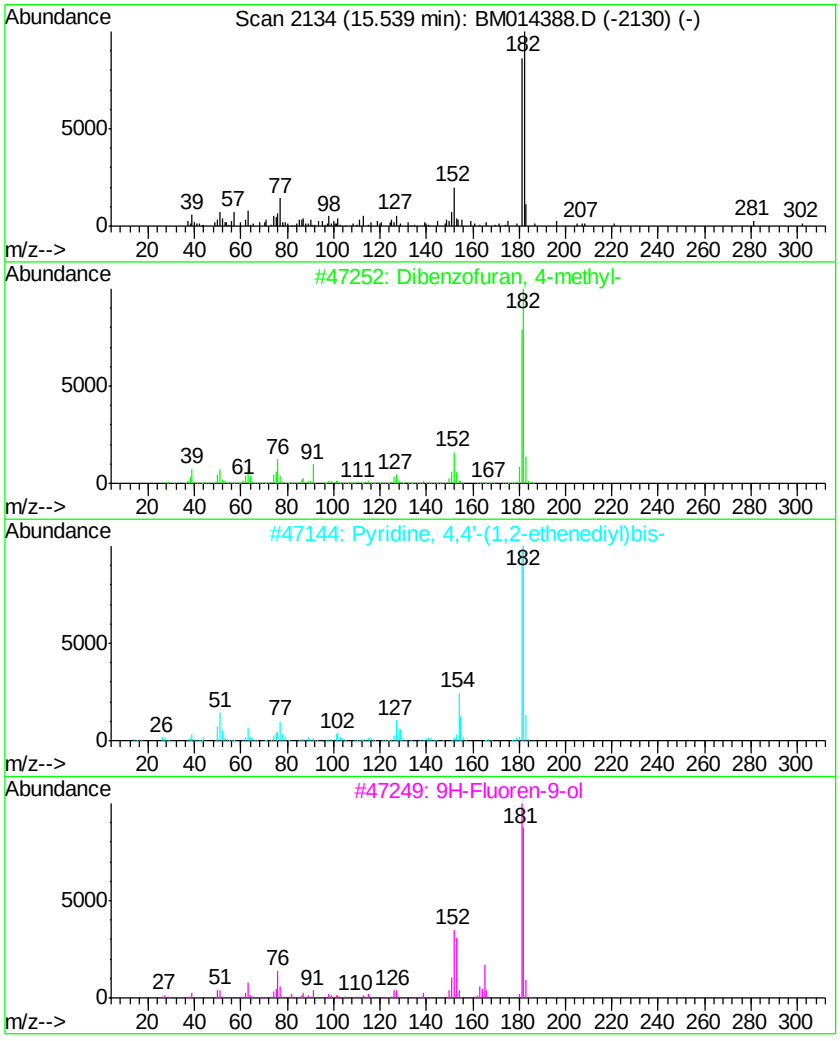
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

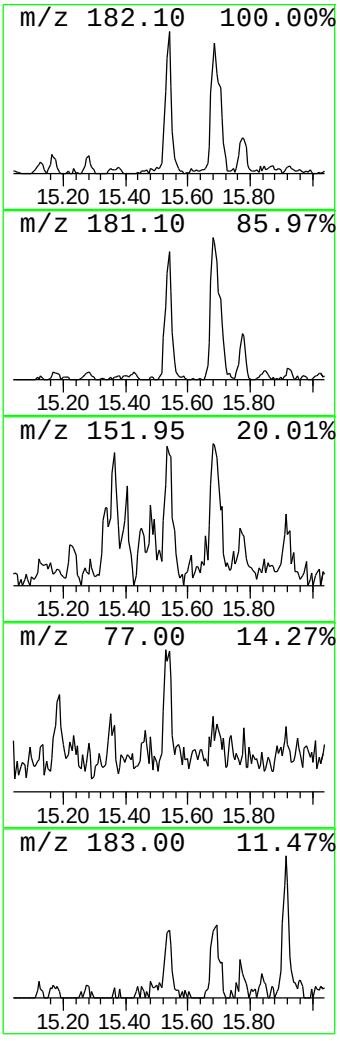
**********

Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.54 | 2.82 ng/ul | 196542 | Acenaphthene-d10 | 14.18 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 80 |
| 2 | Pyridine, 4,4'-(1,2-ethenediyl)bis- | 182 | C12H10N2 | 001135-32-6 | 72 |
| 3 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 72 |
| 4 | 5-Methylpyrimido[3,4-a]indole | 182 | C12H10N2 | 030689-02-2 | 59 |
| 5 | 2-Hydroxyfluorene | 182 | C13H10O | 002443-58-5 | 53 |



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Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

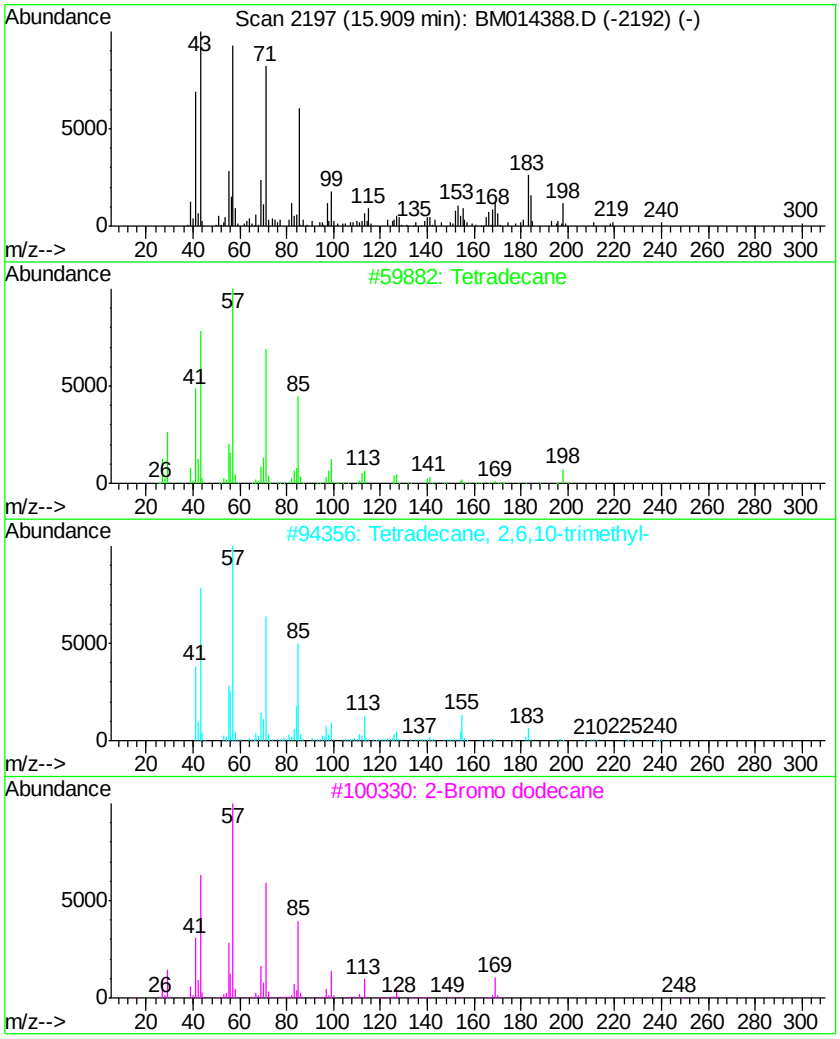
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

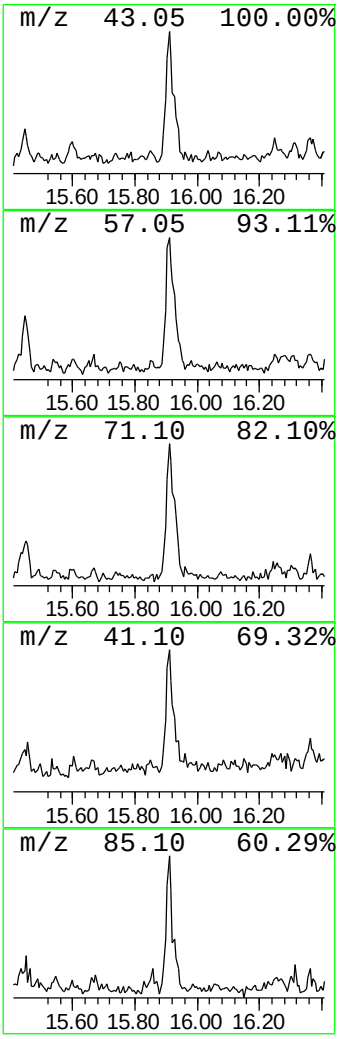
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.91 | 5.33 ng/ul | 384968 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 52 |
| 2 | Tetradecane, 2,6,10-trimethyl- | 240 | C17H36 | 014905-56-7 | 52 |
| 3 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 50 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 47 |
| 5 | Butane, 1-iodo-3-methyl- | 198 | C5H11I | 000541-28-6 | 38 |



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Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

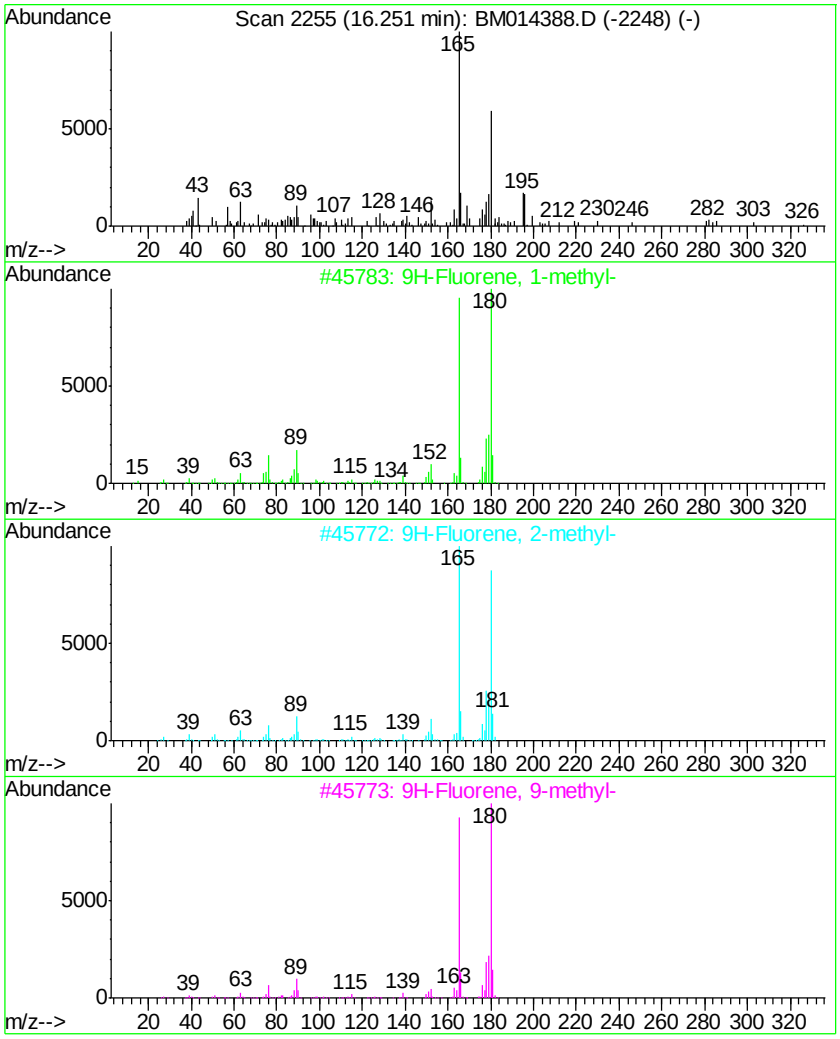
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

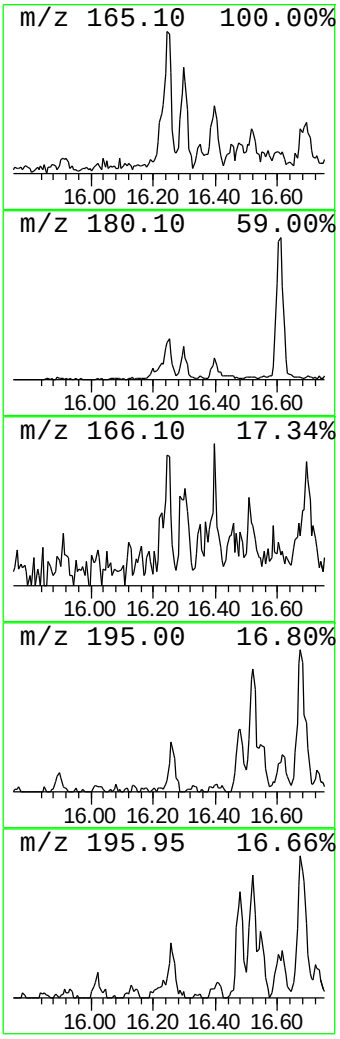
**********

Peak Number 11 9H-Fluorene, 1-methyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.25 | 3.38 ng/ul | 244204 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 86 |
| 2 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 70 |
| 3 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 70 |
| 4 | 9H-Fluorene, 4-methyl- | 180 | C14H12 | 001556-99-6 | 70 |
| 5 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 70 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

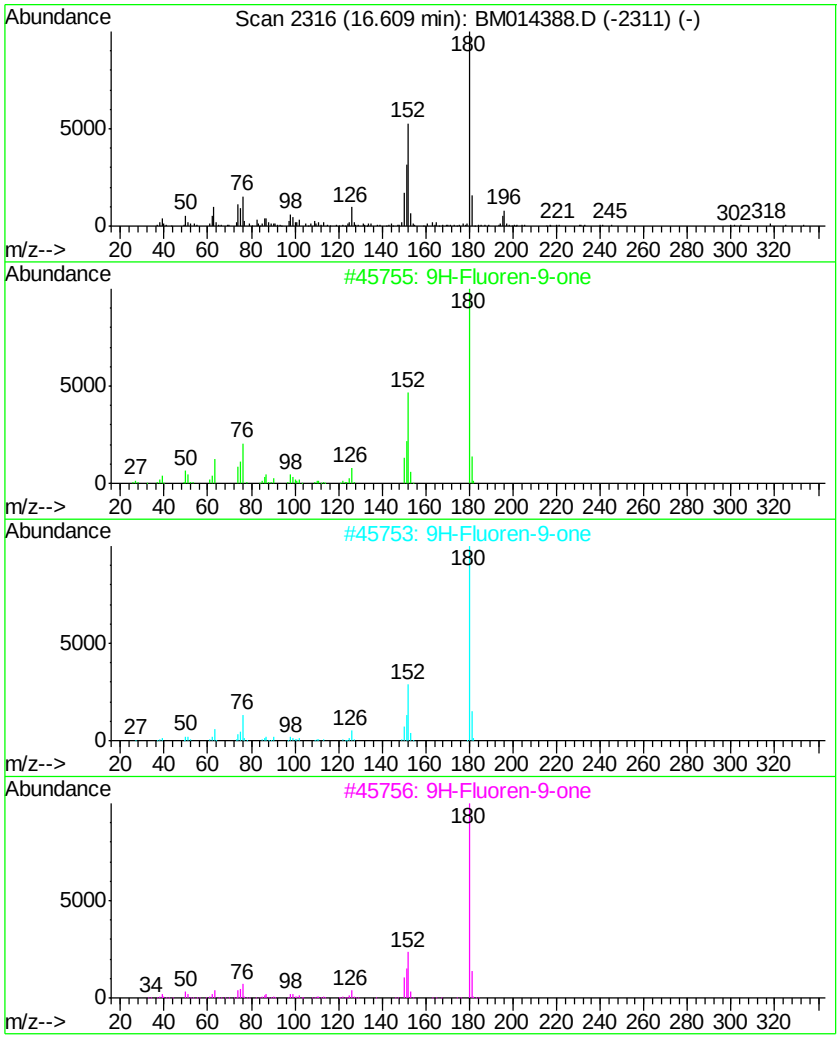
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

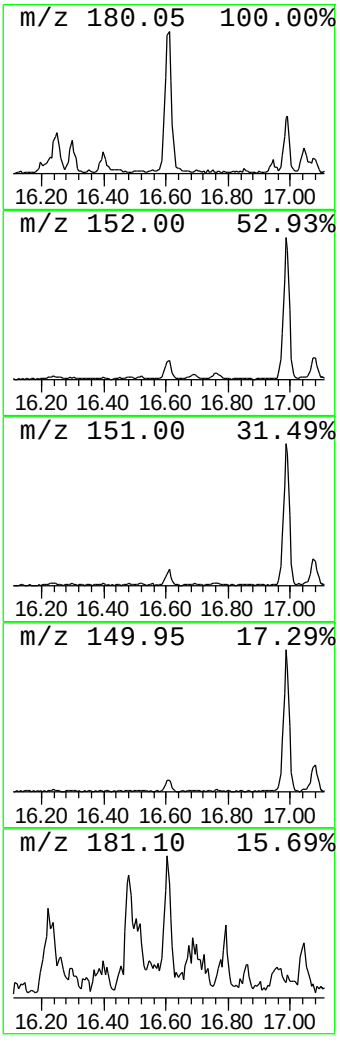
**********

Peak Number 12 9H-Fluoren-9-one Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.61 | 4.49 ng/ul | 323860 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 94 |
| 2 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 93 |
| 3 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 91 |
| 4 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 90 |
| 5 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 90 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

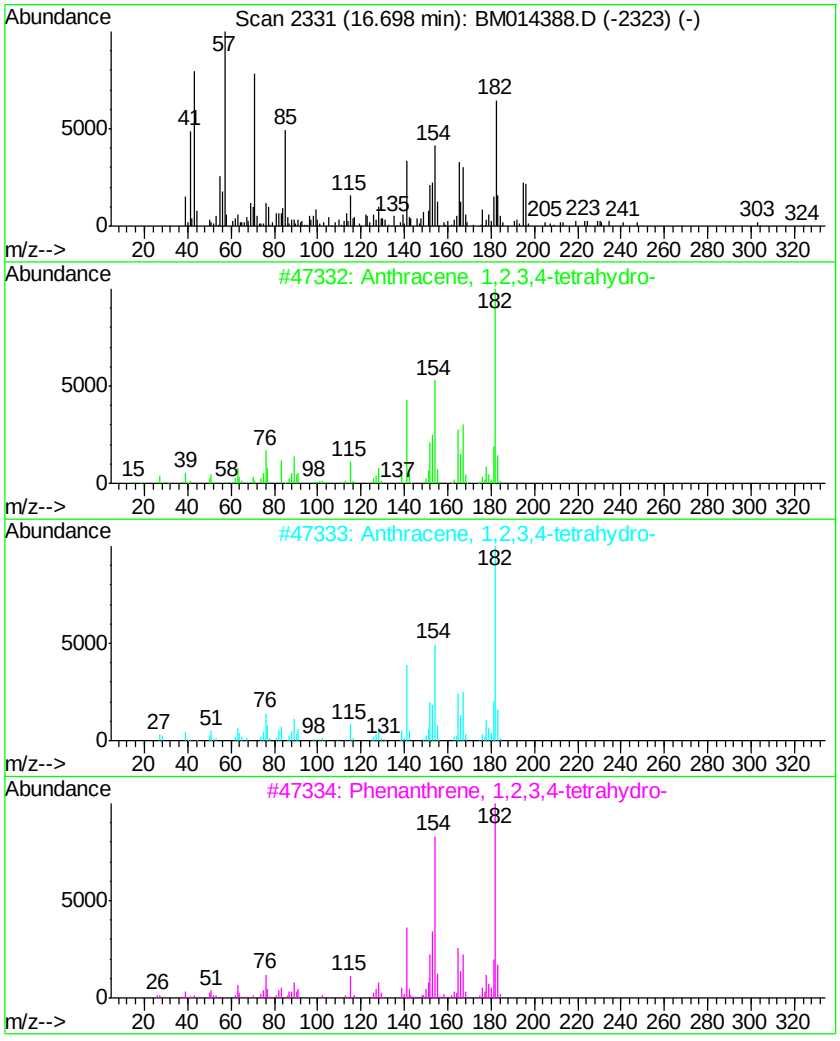
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

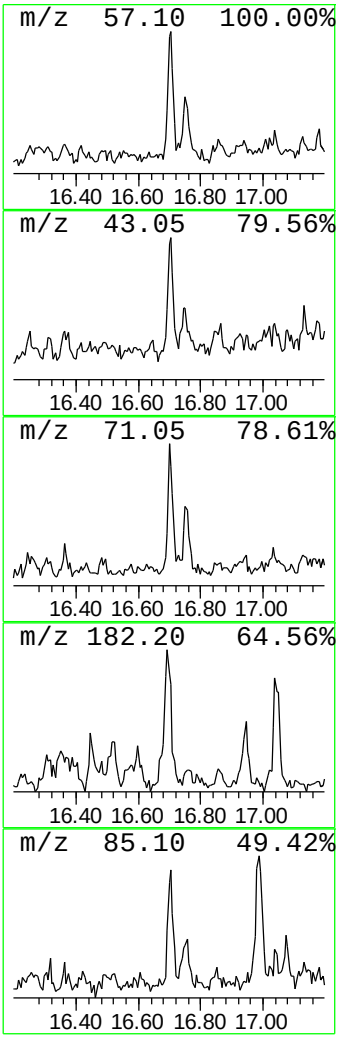
**********

Peak Number 13 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.70 | 5.76 ng/ul | 415480 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1,2,3,4-tetrahydro- | 182 | C14H14 | 002141-42-6 | 64 |
| 2 | Anthracene, 1,2,3,4-tetrahydro- | 182 | C14H14 | 002141-42-6 | 58 |
| 3 | Phenanthrene, 1,2,3,4-tetrahydro- | 182 | C14H14 | 001013-08-7 | 42 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 30 |
| 5 | Heptadecane, 8-methyl- | 254 | C18H38 | 013287-23-5 | 30 |



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Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

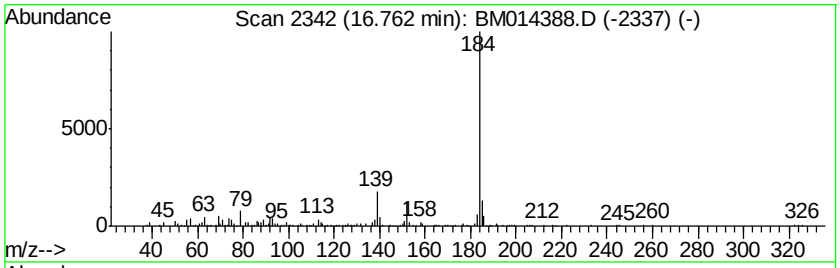
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

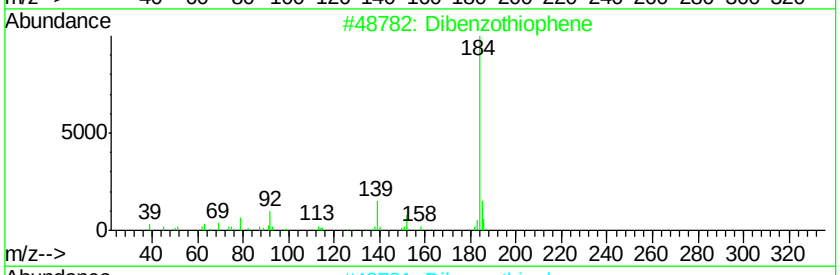
**********

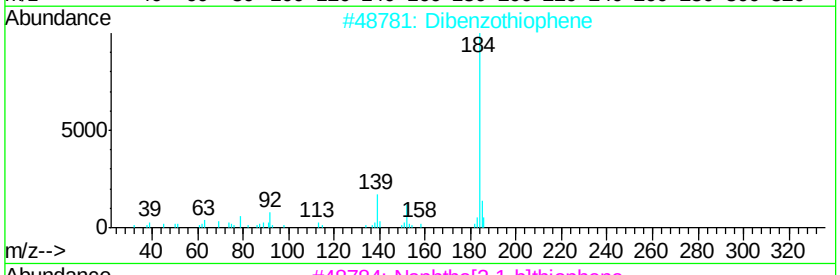
Peak Number 14 Dibenzothiophene Concentration Rank 10

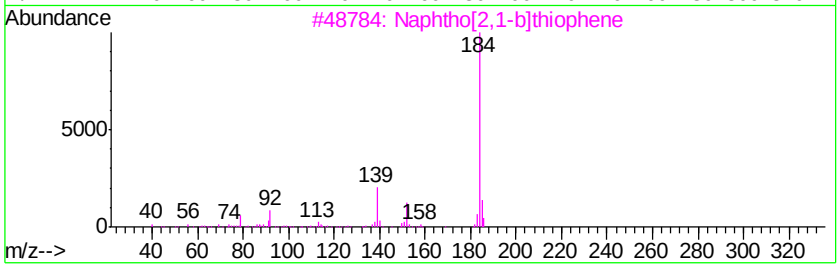
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.76 | 6.14 ng/ul | 443463 | Phenanthrene-d10 | 16.94 |

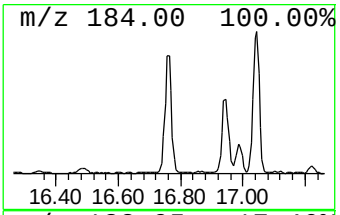
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 93 |
| 2 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 93 |
| 3 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 91 |
| 4 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 91 |
| 5 | Azuleno(2,1-b)thiophene | 184 | C12H8S | 000248-13-5 | 91 |

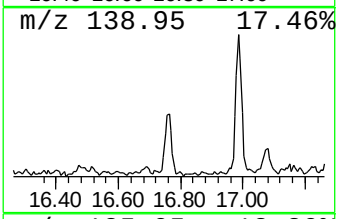


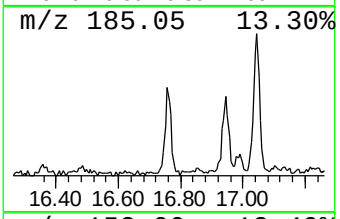



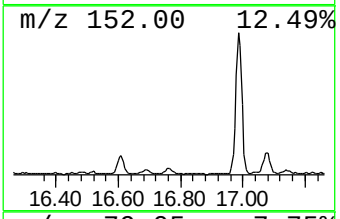



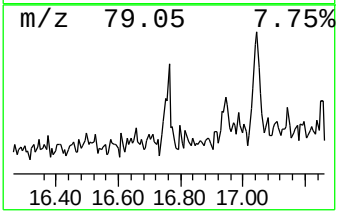



# Library Search Compound Report

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Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

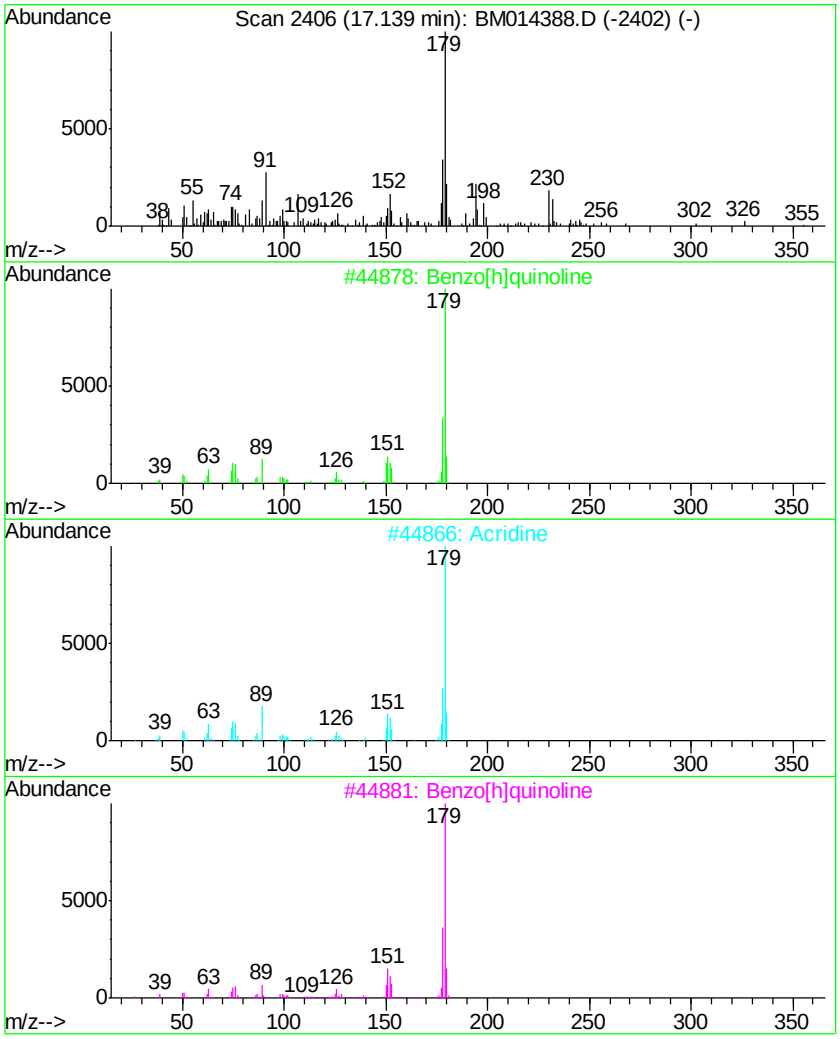
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

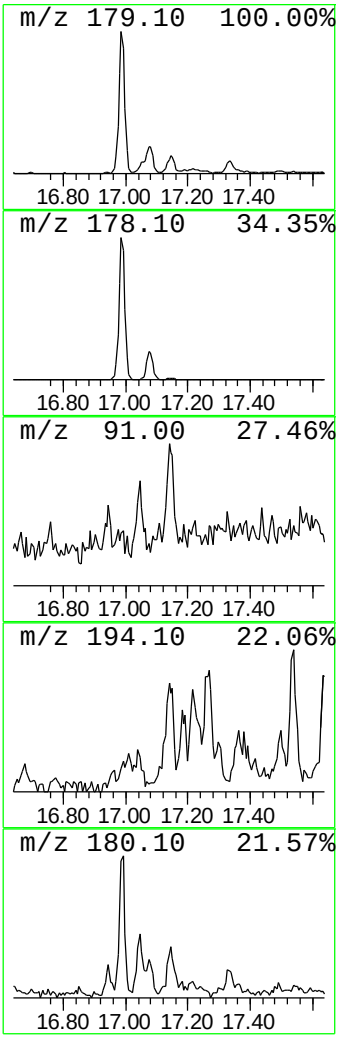
**********

Peak Number 15 Benzo[h]quinoline Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.14 | 4.93 ng/ul | 355694 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[h]quinoline | 179 | C13H9N | 000230-27-3 | 83 |
| 2 | Acridine | 179 | C13H9N | 000260-94-6 | 64 |
| 3 | Benzo[h]quinoline | 179 | C13H9N | 000230-27-3 | 64 |
| 4 | Benzo[f]quinoline | 179 | C13H9N | 000085-02-9 | 62 |
| 5 | Anthracene, 9,10-dihydro-9-methyl- | 194 | C15H14 | 017239-99-5 | 62 |



# Library Search Compound Report

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Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

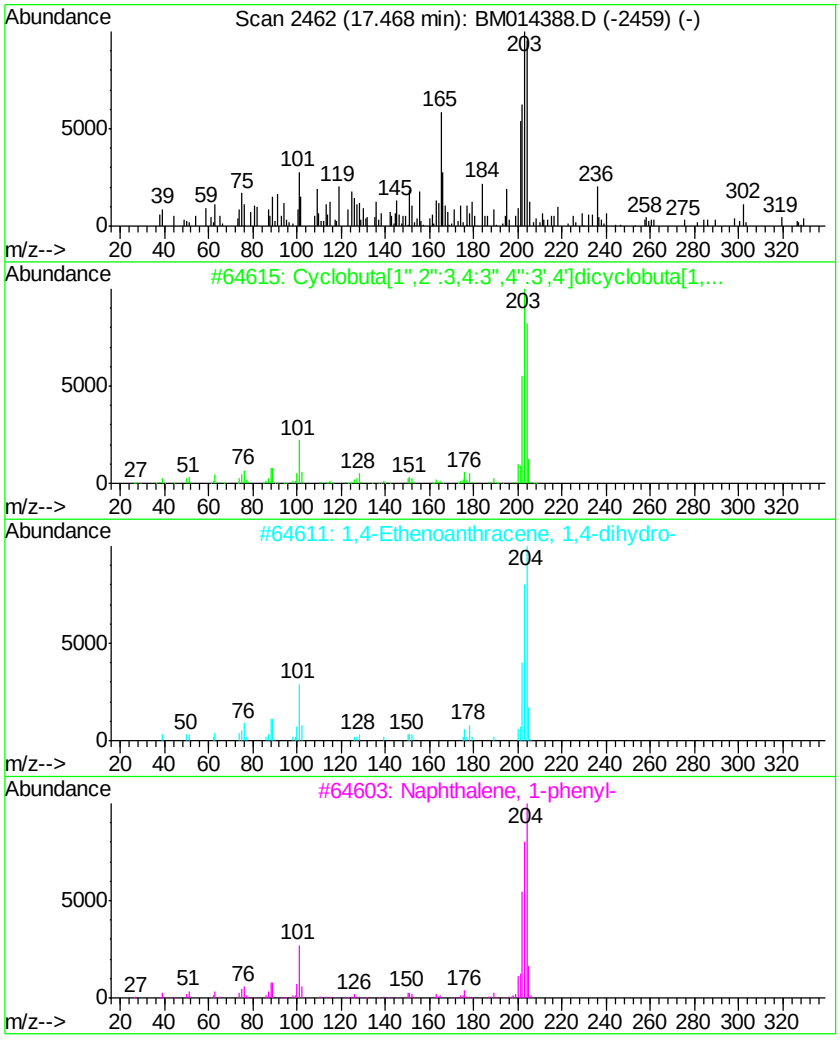
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

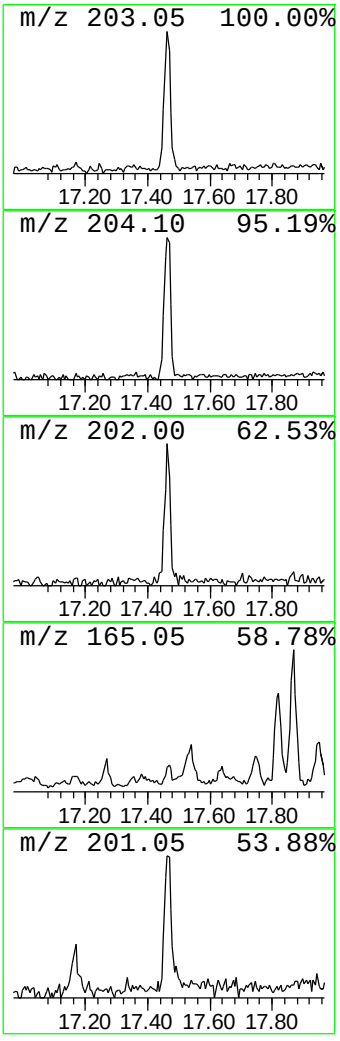
**********

Peak Number 16 unknown-02 Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.47 | 3.06 ng/ul | 220816 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclobuta[1'',2'':3,4:3'',4'':3'... | 204 | C16H12 | 006574-36-3 | 46 |
| 2 | 1,4-Ethenoanthracene, 1,4-dihydro- | 204 | C16H12 | 027765-96-4 | 41 |
| 3 | Naphthalene, 1-phenyl- | 204 | C16H12 | 000605-02-7 | 38 |
| 4 | 1H-Indene, 1-(phenylmethylene)- | 204 | C16H12 | 005394-86-5 | 38 |
| 5 | Anthracene, 9-ethenyl- | 204 | C16H12 | 002444-68-0 | 38 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

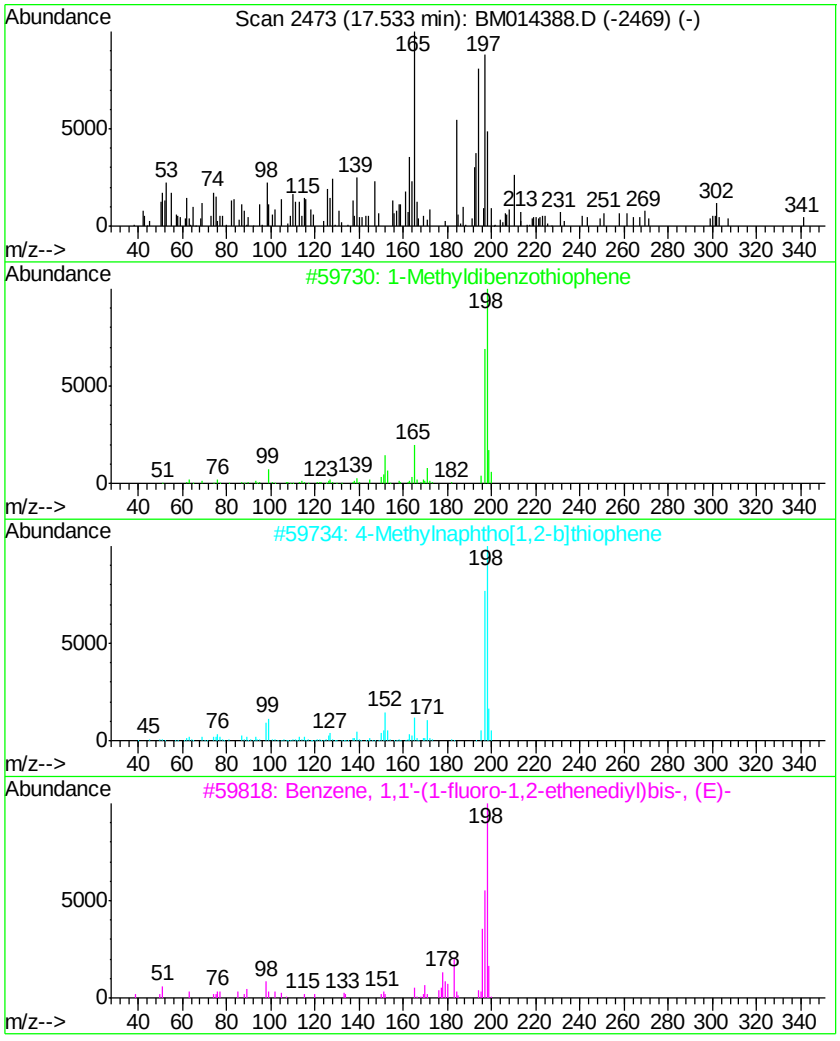
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

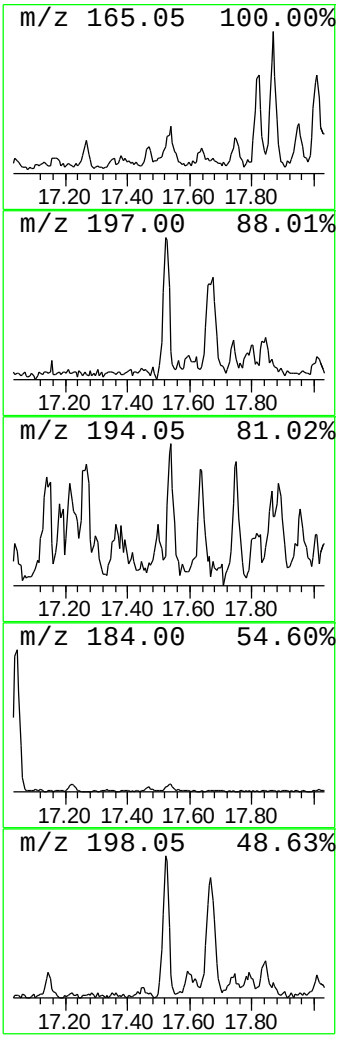
**********

Peak Number 17 1-Methyldibenzothiophene Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.53 | 3.61 ng/ul | 260312 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Methyldibenzothiophene | 198 | C13H10S | 031317-07-4 | 58 |
| 2 | 4-Methylnaphtho[1,2-b]thiophene | 198 | C13H10S | 067388-11-8 | 58 |
| 3 | Benzene, 1,1'-(1-fluoro-1,2-ethe... | 198 | C14H11F | 000671-19-2 | 53 |
| 4 | Benzenamine, 4,4'-methylenebis- | 198 | C13H14N2 | 000101-77-9 | 52 |
| 5 | Pyridine, 4-(4-dimethylaminophen... | 198 | C13H14N2 | 001137-80-0 | 52 |



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Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

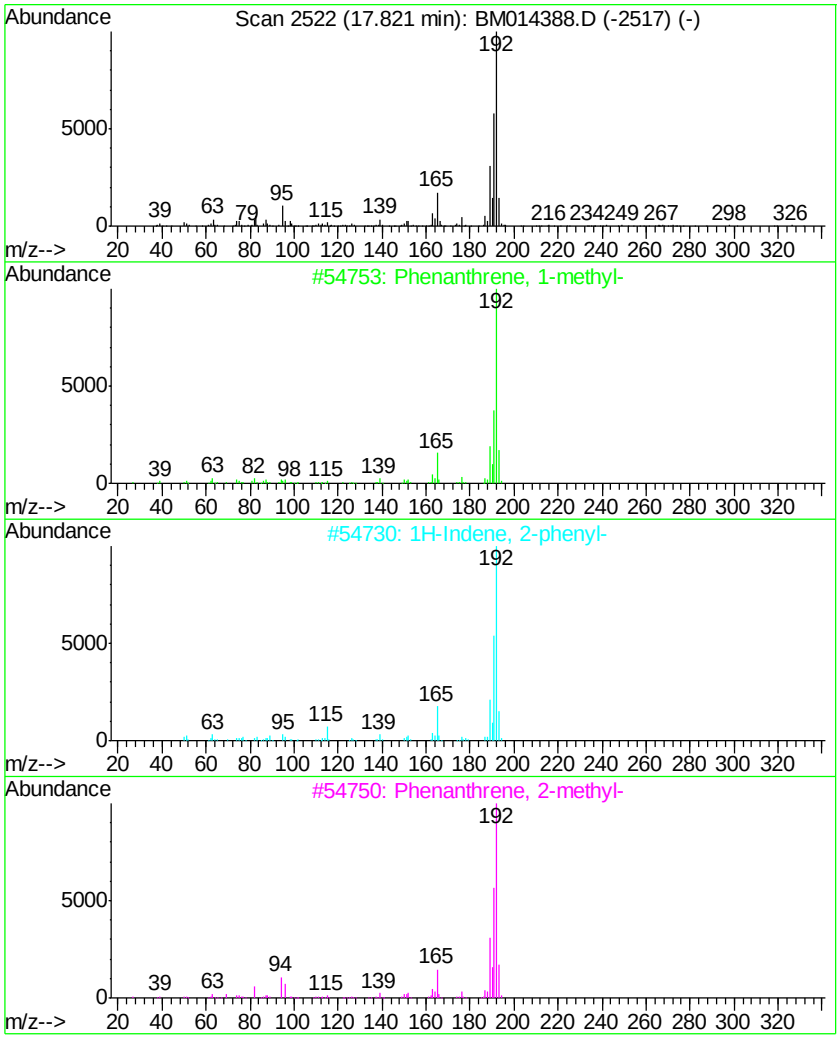
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

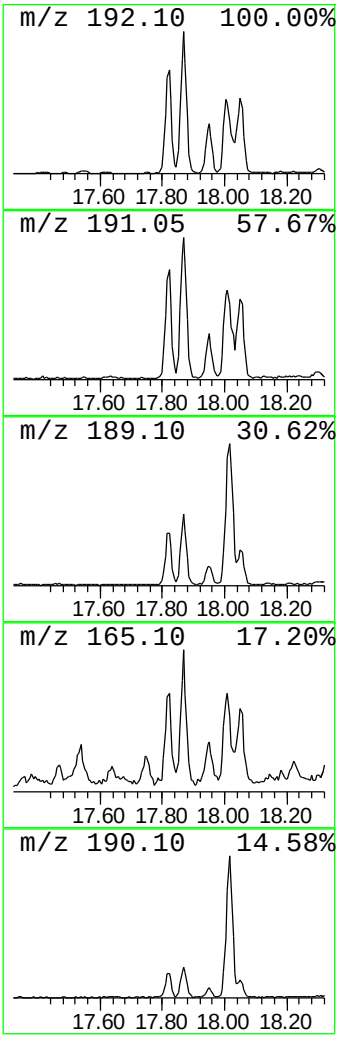
**********

Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.82 | 12.77 ng/ul | 921944 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 2 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 94 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 91 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 91 |



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Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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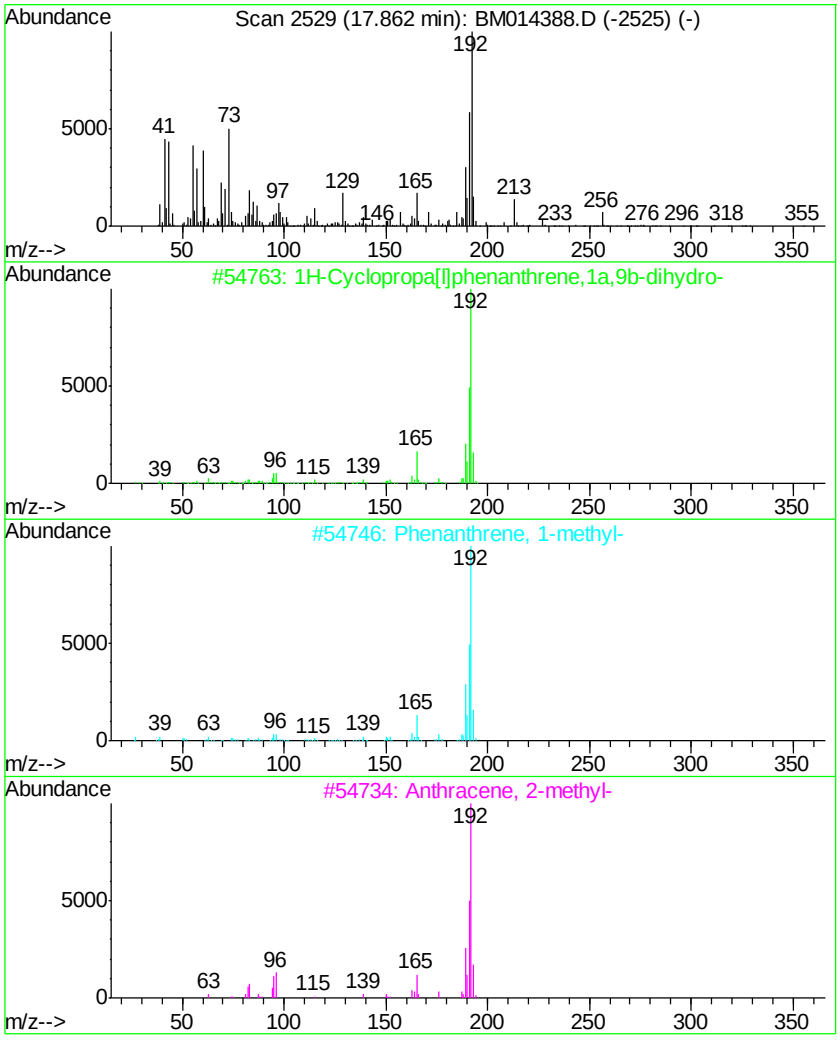
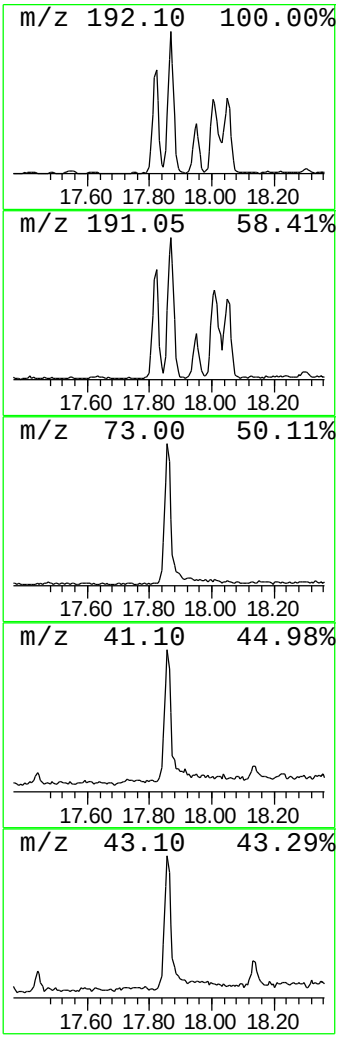
Peak Number 19 1H-Cyclopropa[l]phenanthren... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.86 | 42.55 ng/ul | 3071740 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 98 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 92 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 91 |



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Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

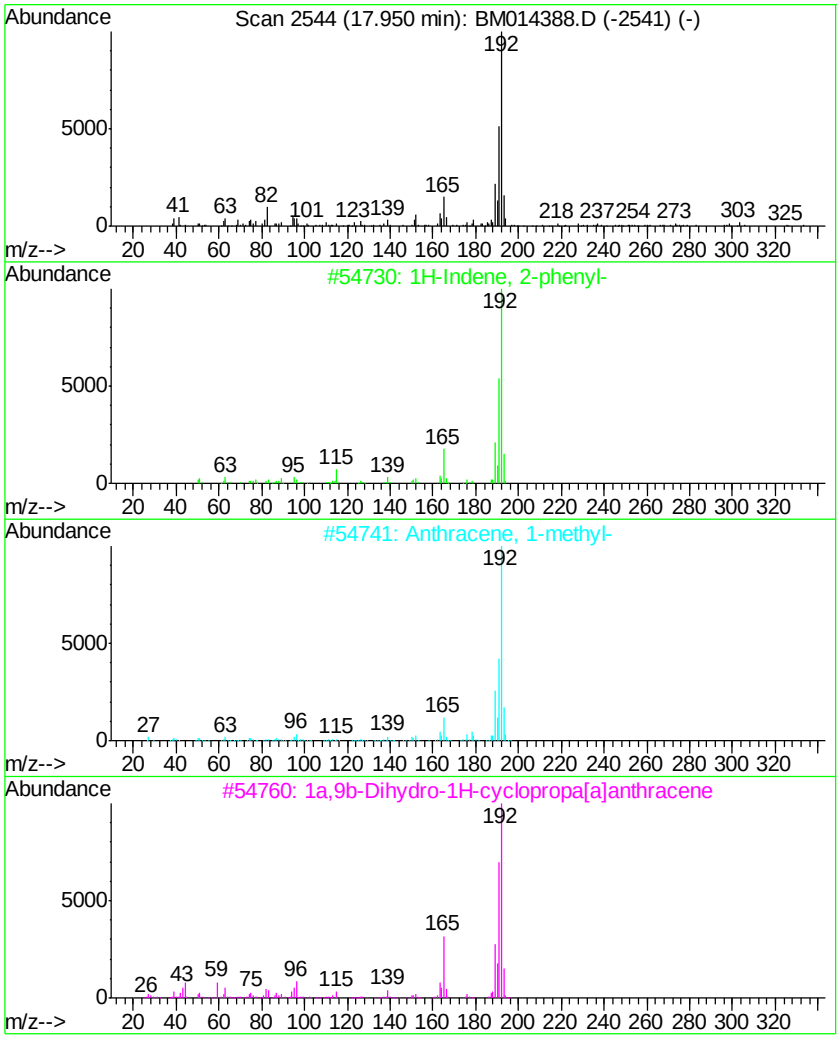
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

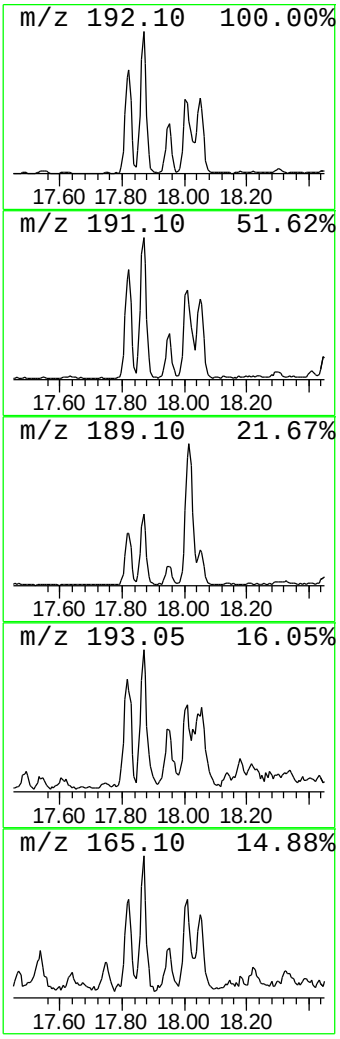
**********

Peak Number 20 1H-Indene, 2-phenyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.95 | 5.25 ng/ul | 379248 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 93 |
| 2 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 87 |
| 3 | 1a,9b-Dihydro-1H-cyclopropa[a]an... | 192 | C15H12 | 006109-24-6 | 86 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 81 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 81 |



# Library Search Compound Report

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Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

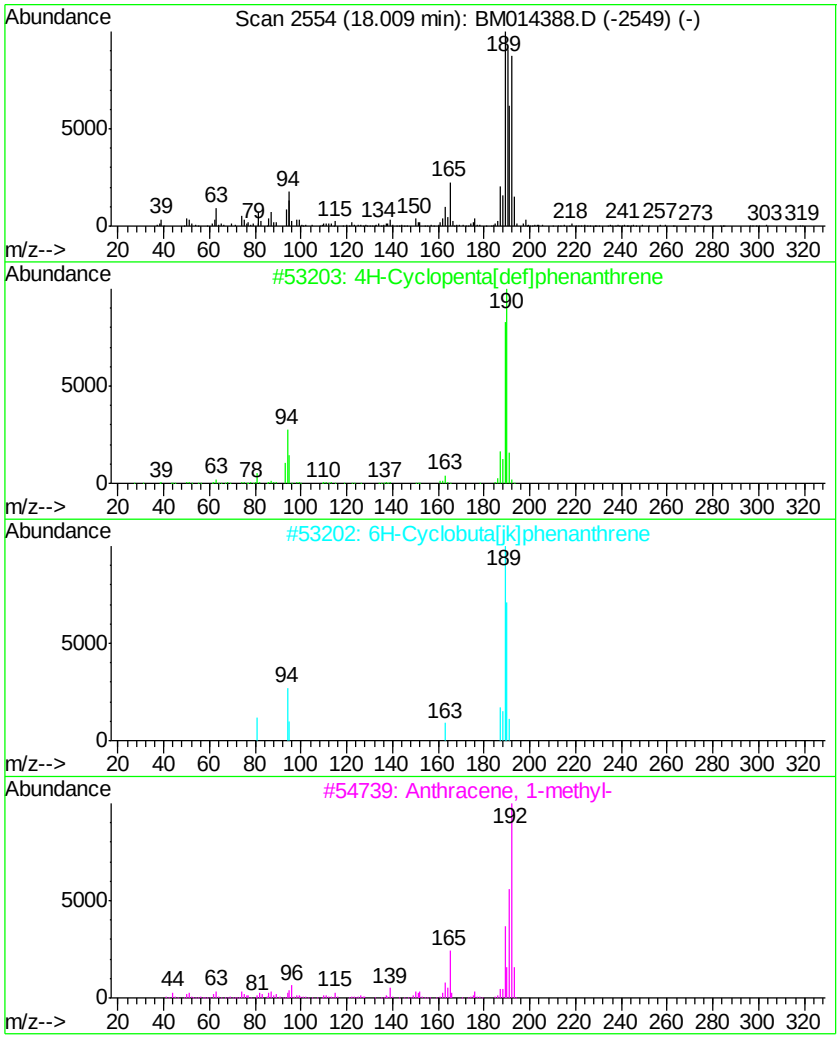
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

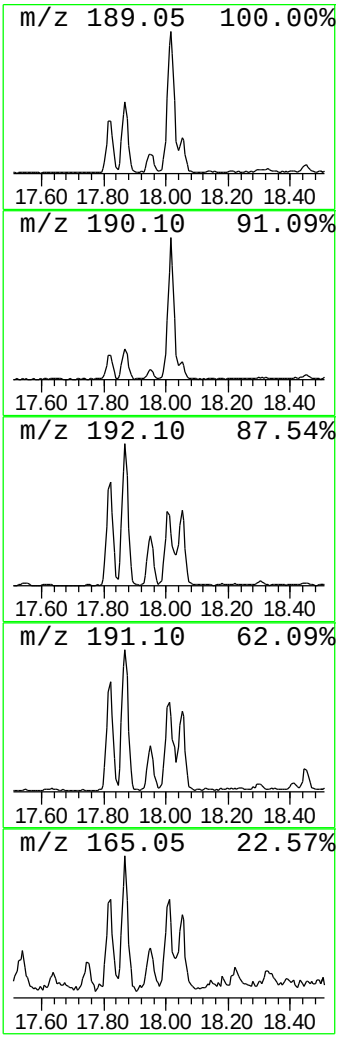
**********

Peak Number 21 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.01 | 20.28 ng/ul | 1464270 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 60 |
| 2 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 49 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 46 |
| 4 | Naphtho[2,3-b]norbornadiene | 192 | C15H12 | 107426-38-0 | 46 |
| 5 | Naphtho[1,2-b]norbornadiene | 192 | C15H12 | 1000210-14-8 | 46 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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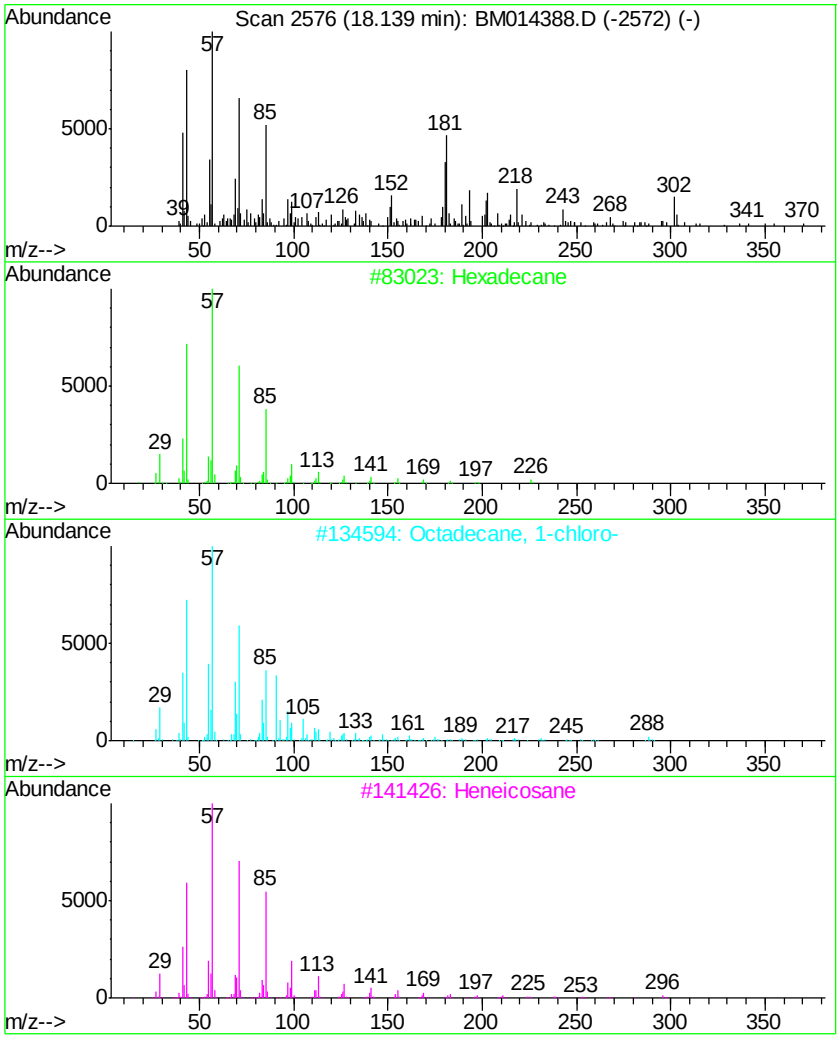
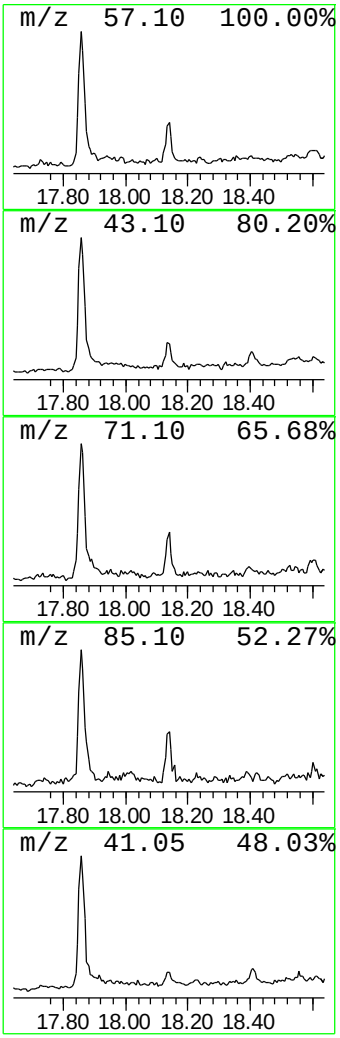
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.14 | 5.19 ng/ul | 374304 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |
| 2 | Octadecane, 1-chloro- | 288 | C18H37Cl | 003386-33-2 | 60 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 55 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 46 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 42 |



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Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

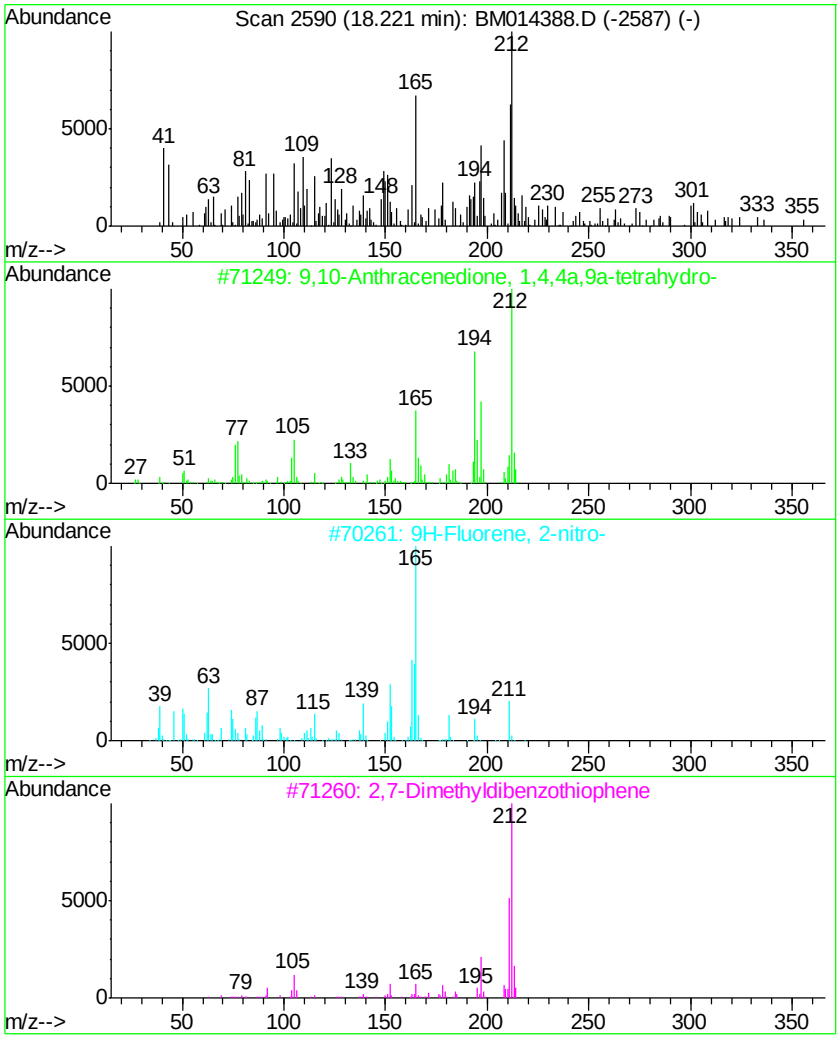
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

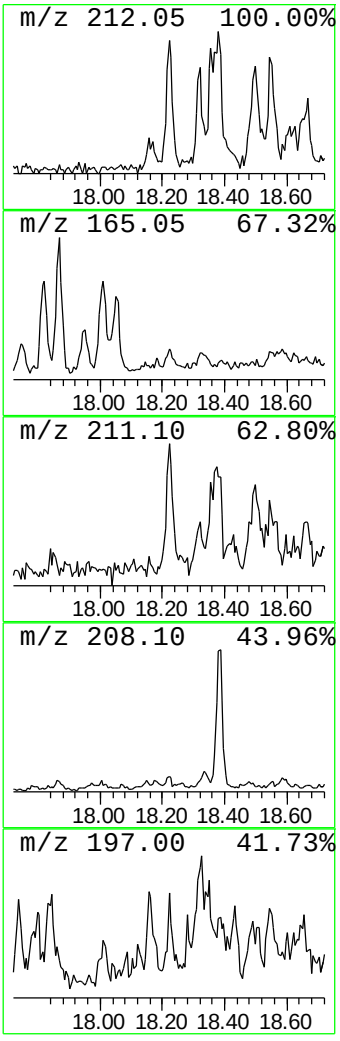
**********

Peak Number 24 unknown-03 Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.22 | 2.83 ng/ul | 204339 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione, 1,4,4a,9a-... | 212 | C14H12O2 | 056136-14-2 | 38 |
| 2 | 9H-Fluorene, 2-nitro- | 211 | C13H9NO2 | 000607-57-8 | 38 |
| 3 | 2,7-Dimethyldibenzothiophene | 212 | C14H12S | 031317-19-8 | 35 |
| 4 | 4-(Methylmercapto)phenol, trimet... | 212 | C10H16OSSi | 1000353-05-5 | 25 |
| 5 | 1-(2,4-Dimethylphenyl)-2-(2-fury... | 212 | C15H16O | 084922-06-5 | 25 |



# Library Search Compound Report

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Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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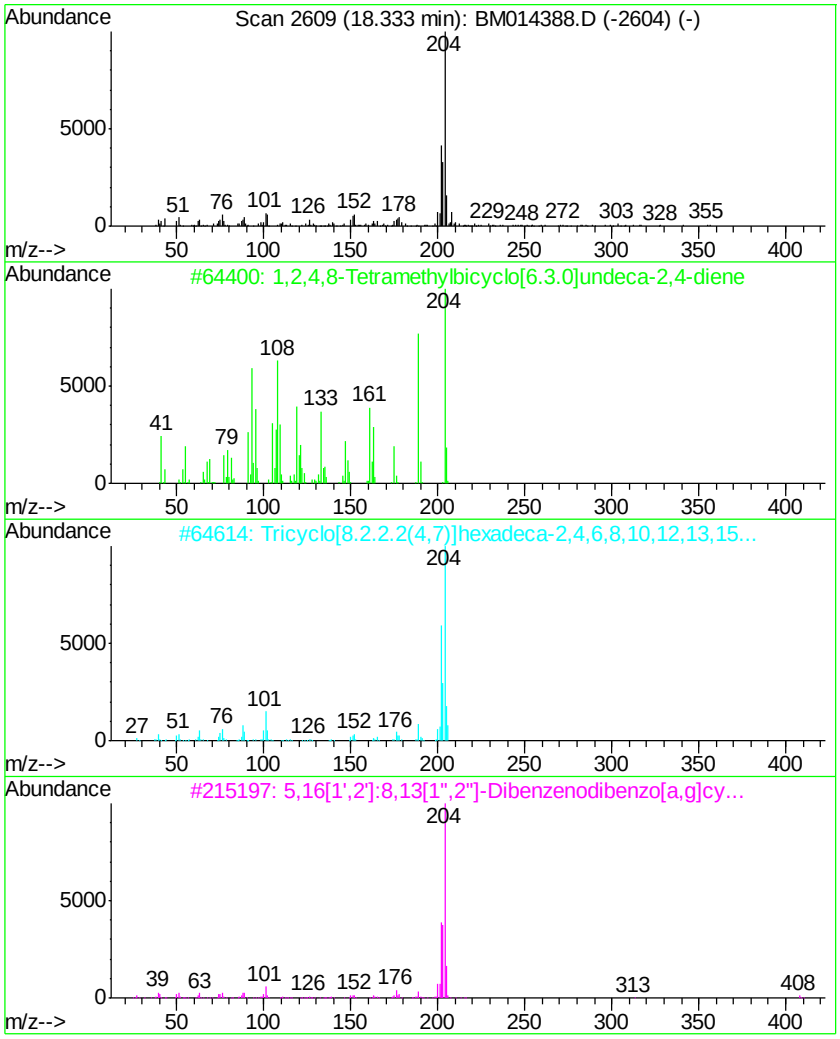
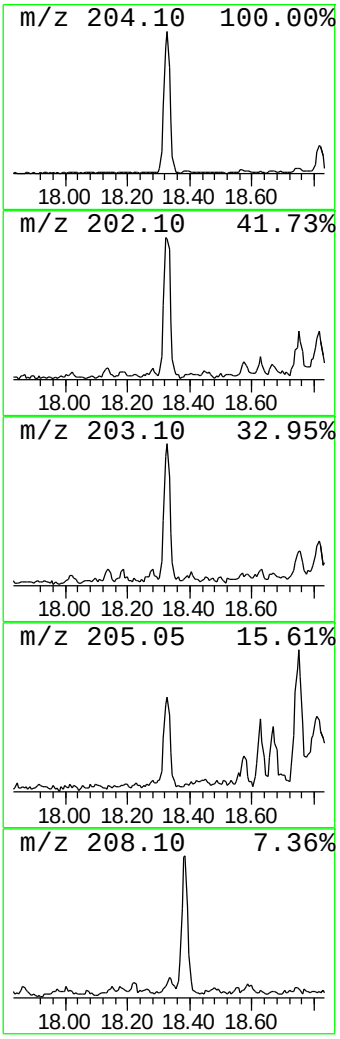
Peak Number 25 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.33 | 8.66 ng/ul | 625375 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 86 |
| 2 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 76 |
| 3 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 72 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 70 |
| 5 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 70 |



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Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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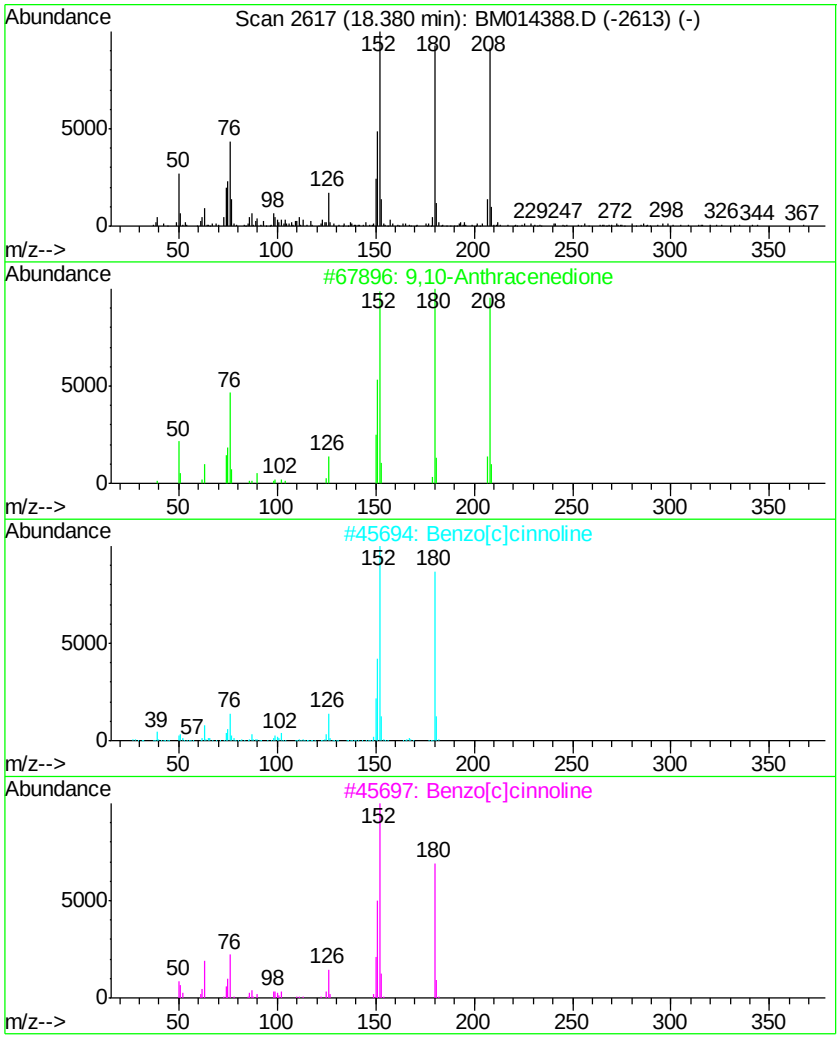
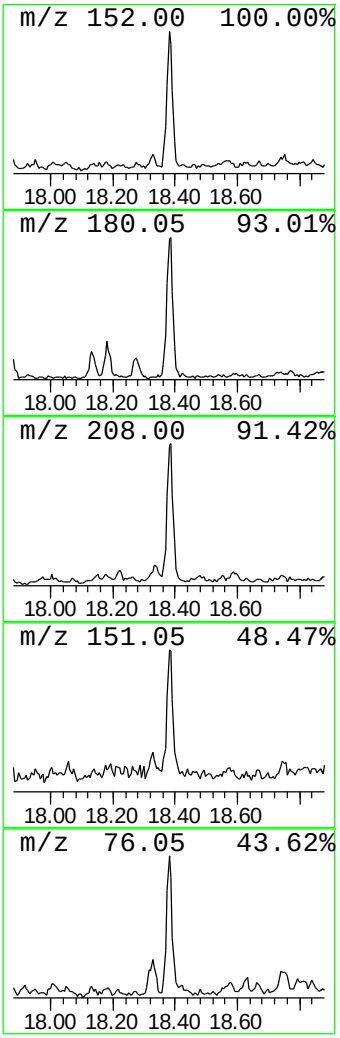
Peak Number 26 9,10-Anthracenedione Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.38 | 9.39 ng/ul | 677906 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 98 |
| 2 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 83 |
| 3 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 70 |
| 4 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 68 |
| 5 | 1H-Phenalen-1-one | 180 | C13H8O | 000548-39-0 | 64 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

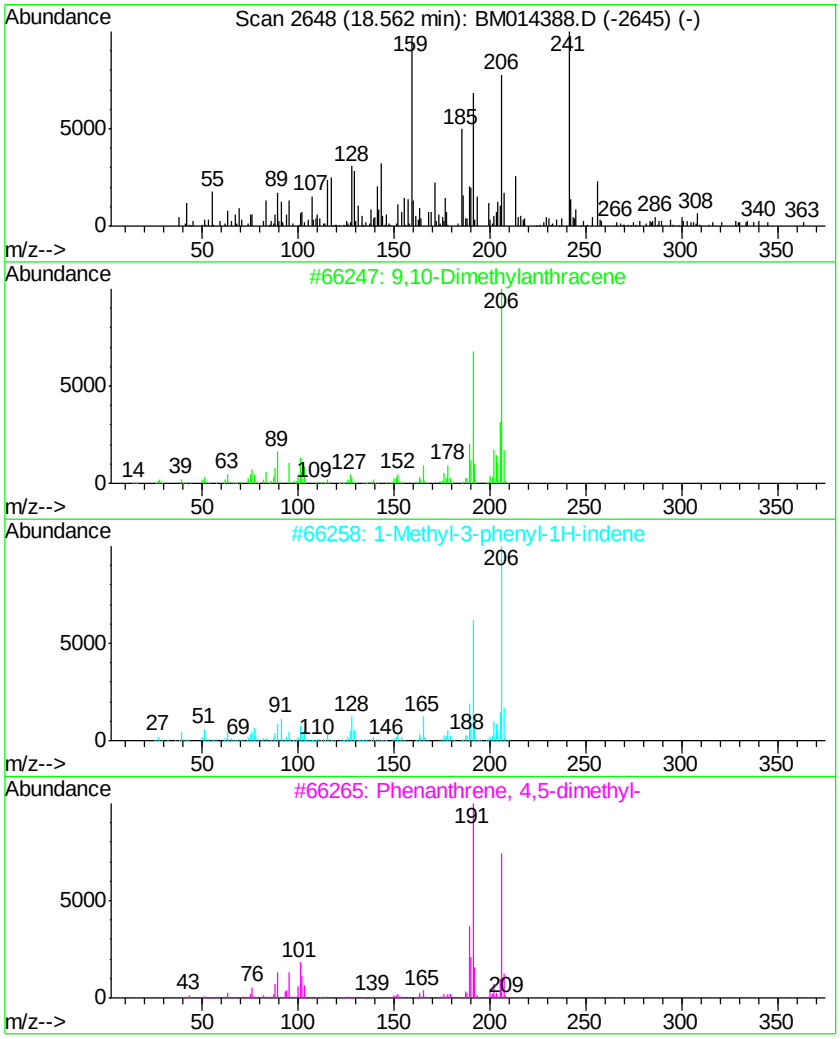
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

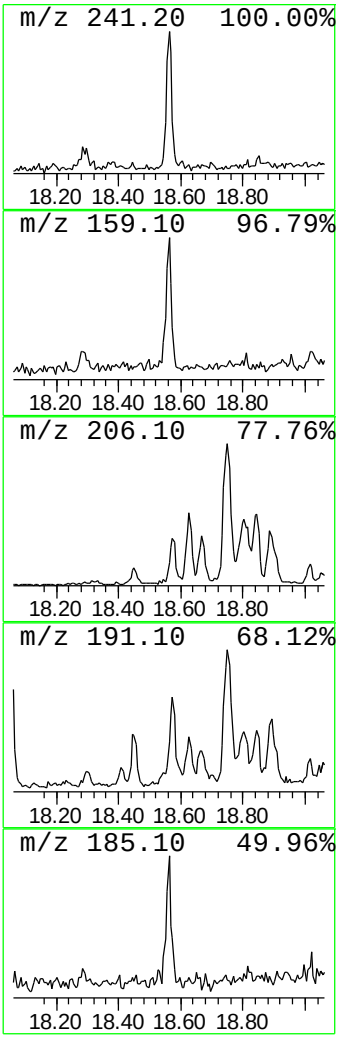
**********

Peak Number 27 unknown-04 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.56 | 5.62 ng/ul | 405925 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 38 |
| 2 | 1-Methyl-3-phenyl-1H-indene | 206 | C16H14 | 022360-62-9 | 38 |
| 3 | Phenanthrene, 4,5-dimethyl- | 206 | C16H14 | 003674-69-9 | 30 |
| 4 | Benzene, (2-methylene-1-phenylcy... | 206 | C16H14 | 025152-47-0 | 25 |
| 5 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 25 |



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Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

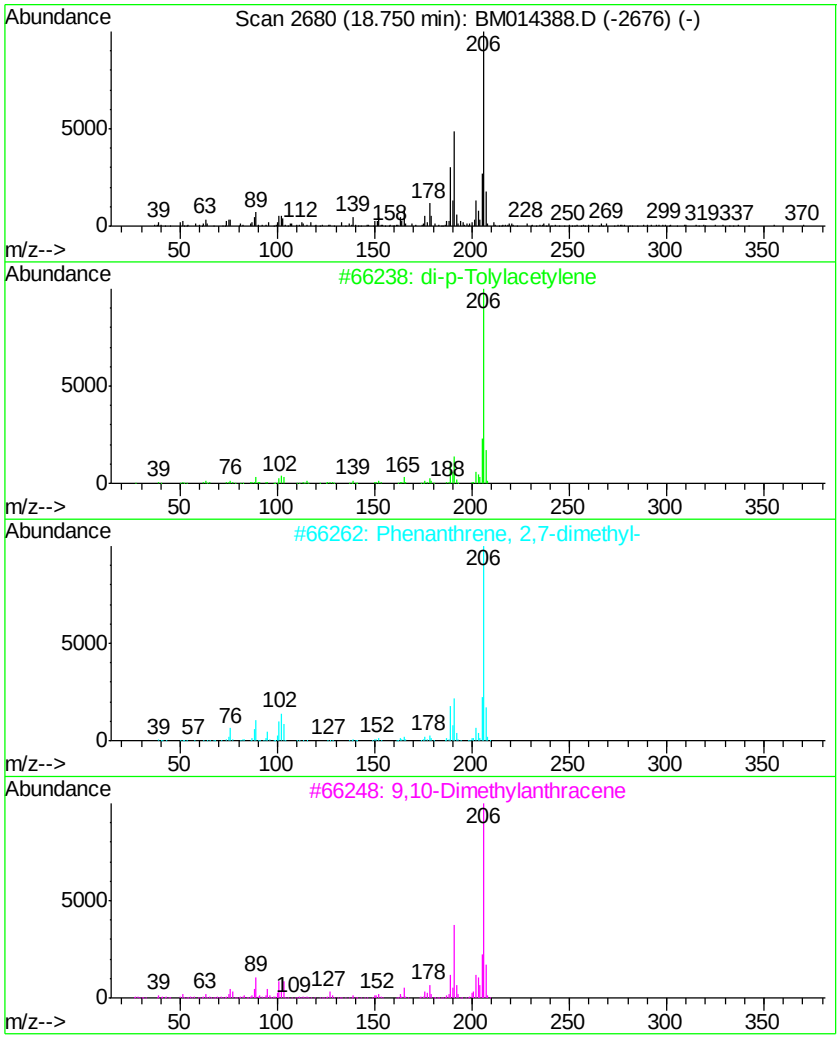
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

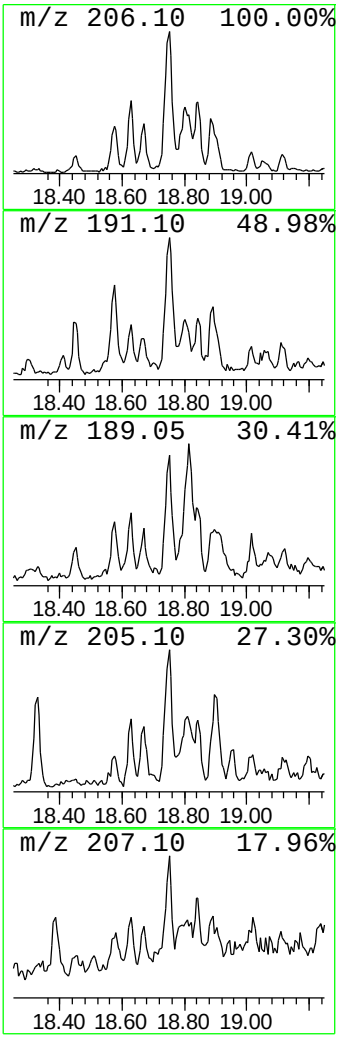
**********

Peak Number 28 di-p-Tolylacetylene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.75 | 8.99 ng/ul | 648954 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 93 |
| 2 | Phenanthrene, 2,7-dimethyl- | 206 | C16H14 | 001576-69-8 | 93 |
| 3 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 87 |
| 4 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 87 |
| 5 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 87 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

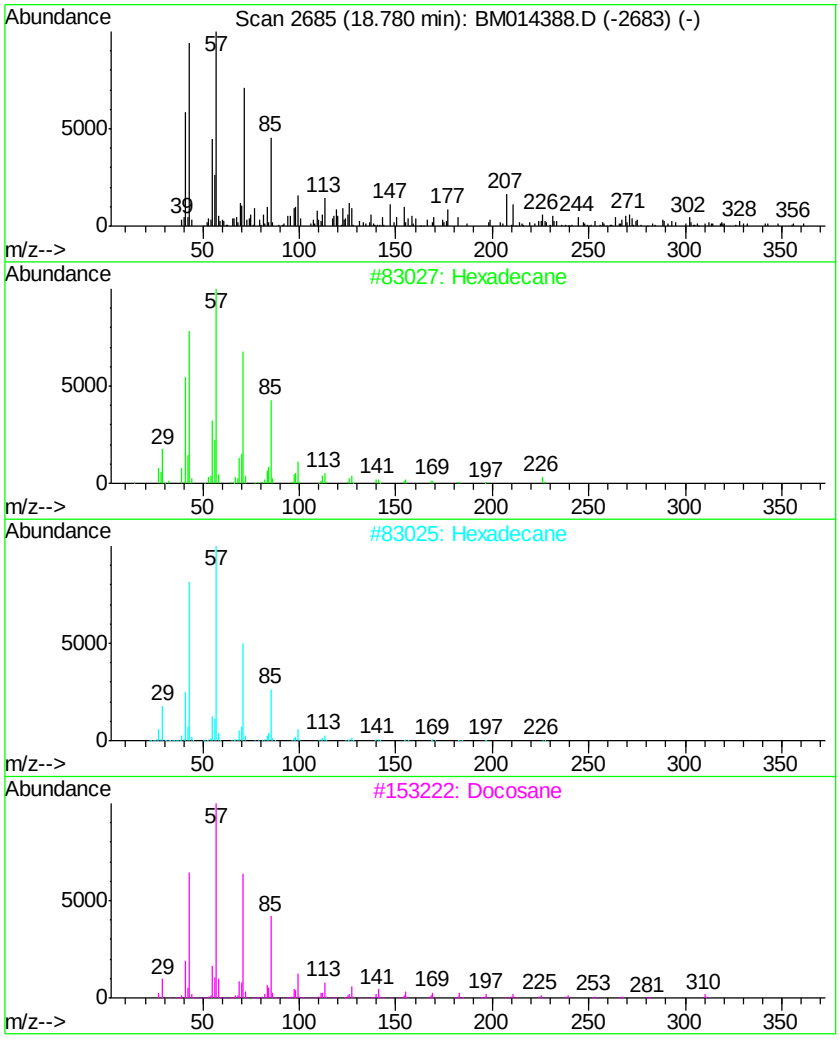
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

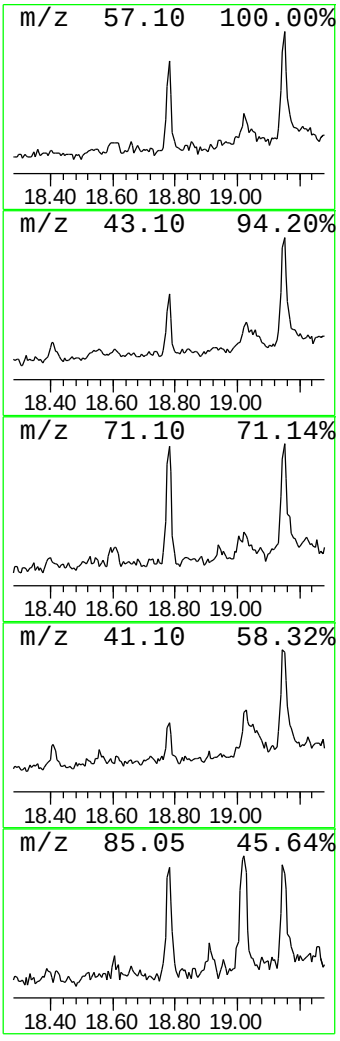
**********

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.78 | 2.40 ng/ul | 173047 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 60 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 60 |
| 3 | Docosane | 310 | C22H46 | 000629-97-0 | 53 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 53 |
| 5 | Octadecane, 1-chloro- | 288 | C18H37Cl | 003386-33-2 | 52 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

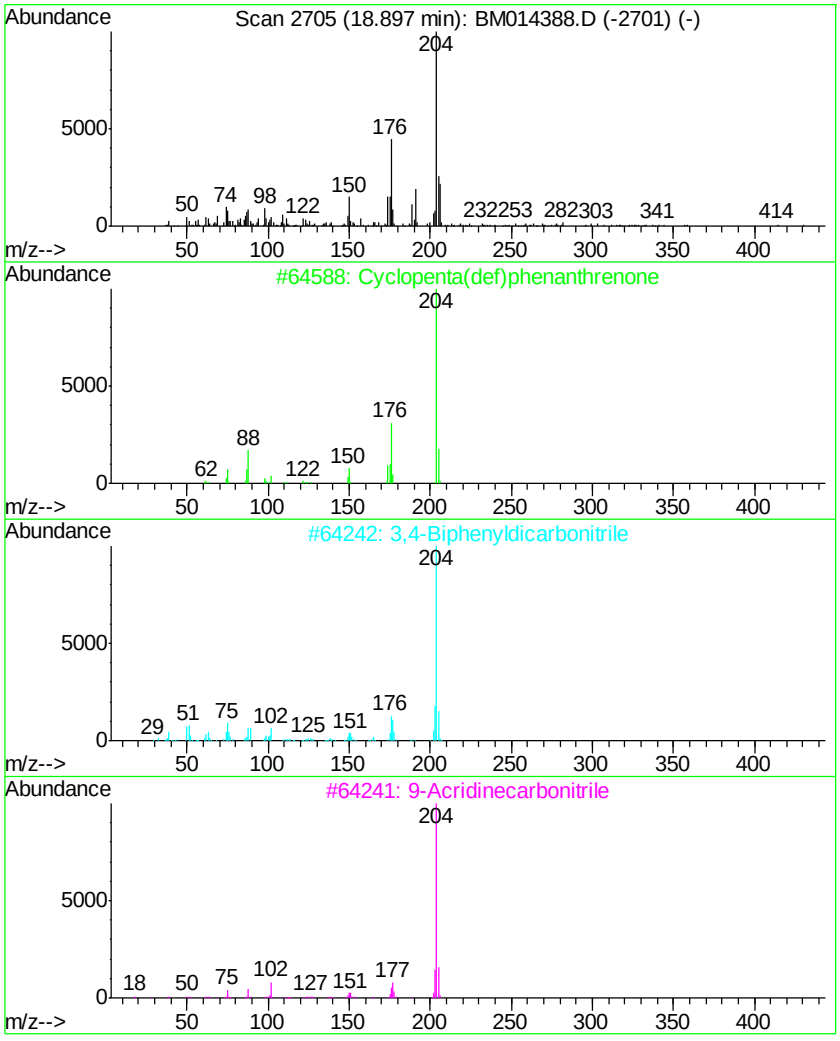
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

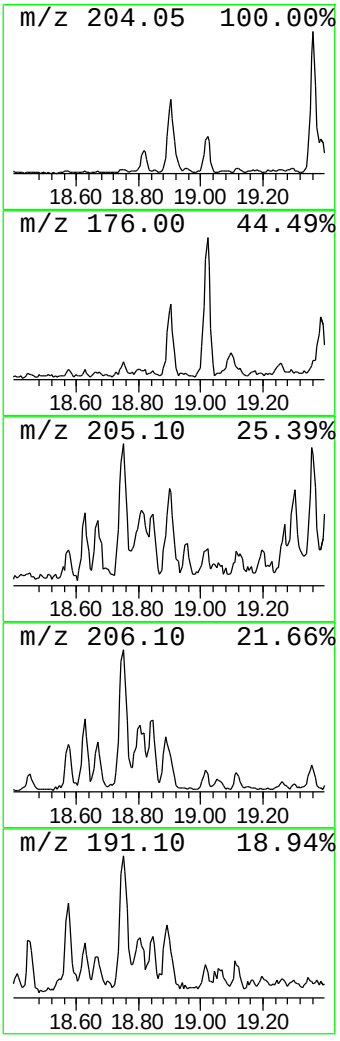
**********

Peak Number 30 Cyclopenta(def)phenanthrenone Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.90 | 9.58 ng/ul | 691423 | Phenanthrene-d10 | 16.94 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 83 |
| 2 | 3,4-Biphenyldicarbonitrile | 204 | C14H8N2 | 004128-63-6 | 50 |
| 3 | 9-Acridinecarbonitrile | 204 | C14H8N2 | 005326-19-2 | 47 |
| 4 | [1,1'-Biphenyl]-4,4'-dicarbonitrile | 204 | C14H8N2 | 001591-30-6 | 47 |
| 5 | 6-Cyanophenanthridine | 204 | C14H8N2 | 002176-28-5 | 47 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

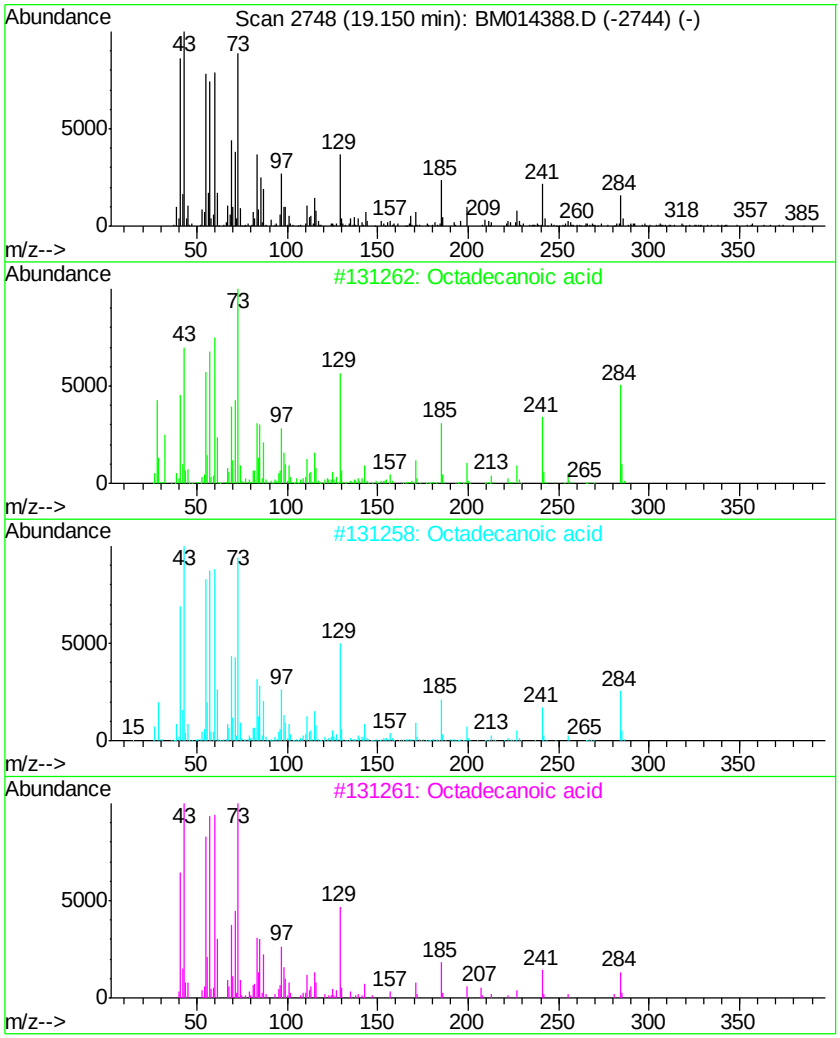
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

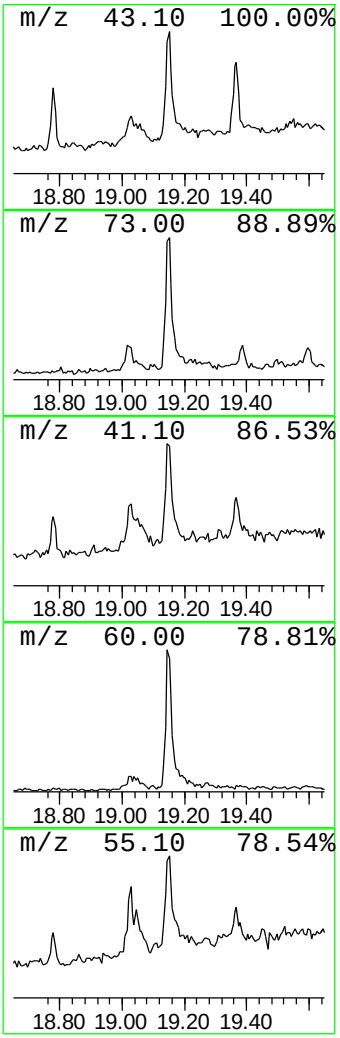
**********

Peak Number 31 Octadecanoic acid Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.15 | 3.01 ng/ul | 1144940 | Chrysene-d12 | 21.16 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 96 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 91 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 83 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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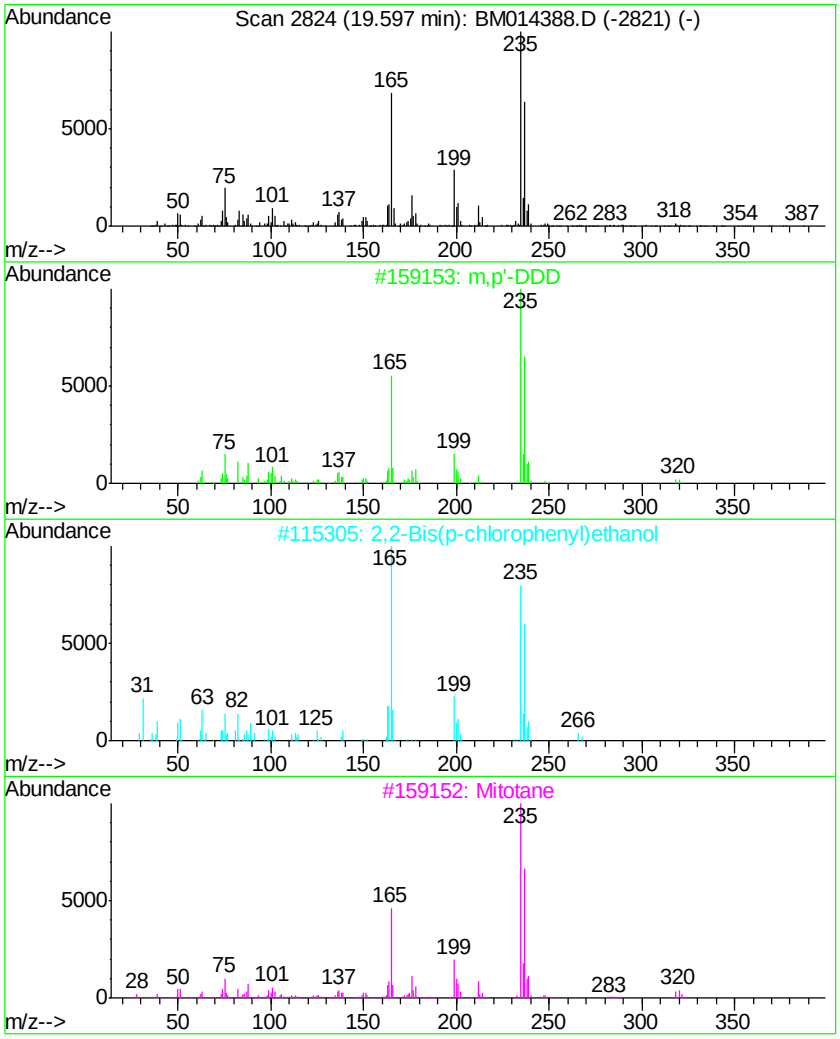
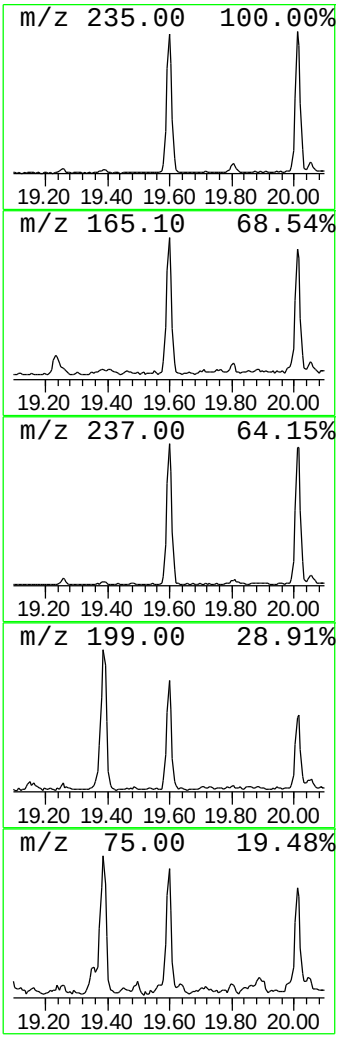
Peak Number 32 m,p'-DDD Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.60 | 4.52 ng/ul | 1718230 | Chrysene-d12 | 21.16 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | m,p'-DDD | 318 | C14H10Cl4 | 004329-12-8 | 87 |
| 2 | 2,2-Bis(p-chlorophenyl)ethanol | 266 | C14H12Cl2O | 002642-82-2 | 86 |
| 3 | Mitotane | 318 | C14H10Cl4 | 000053-19-0 | 83 |
| 4 | o,p'-DDT | 352 | C14H9Cl5 | 000789-02-6 | 78 |
| 5 | Mitotane | 318 | C14H10Cl4 | 000053-19-0 | 78 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

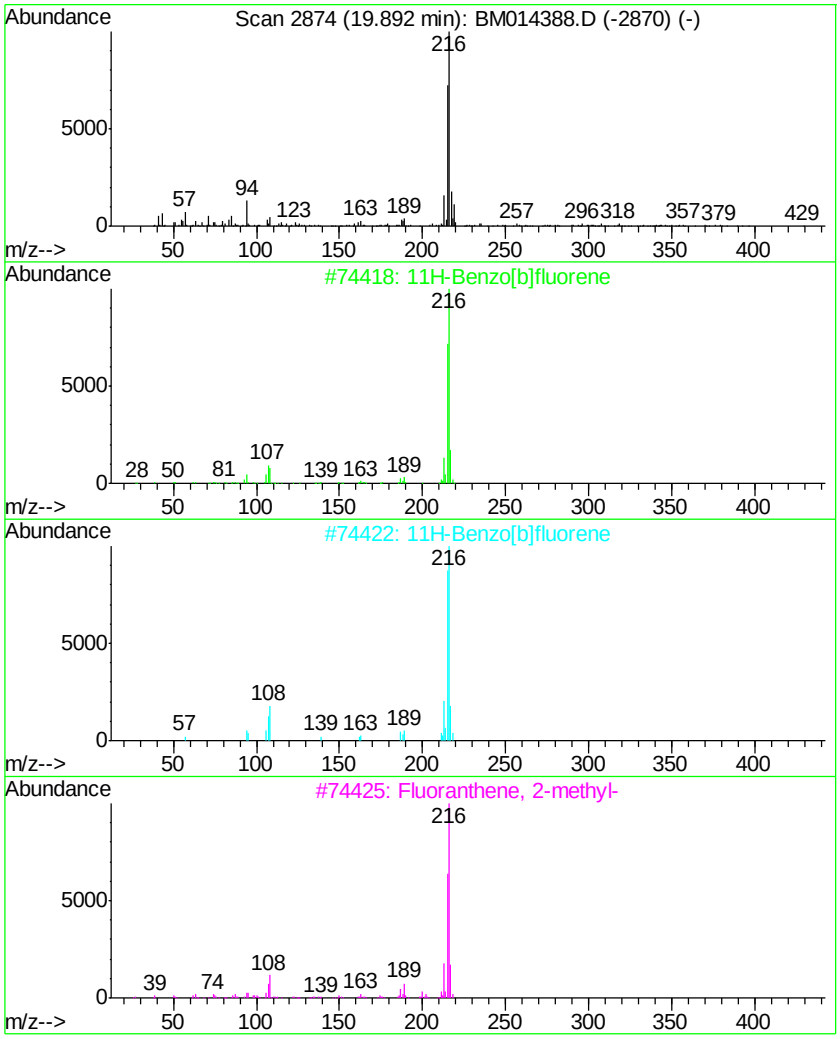
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

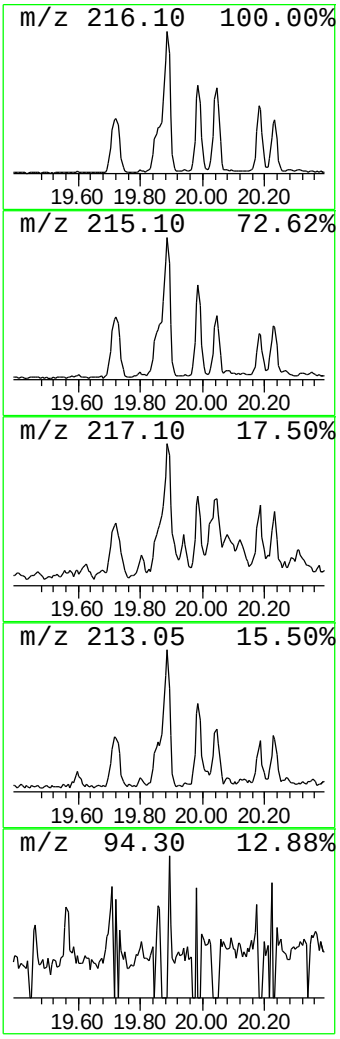
**********

Peak Number 33 11H-Benzo[b]fluorene Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.89 | 4.83 ng/ul | 1833900 | Chrysene-d12 | 21.16 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 97 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 93 |
| 3 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 83 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 76 |
| 5 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 74 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

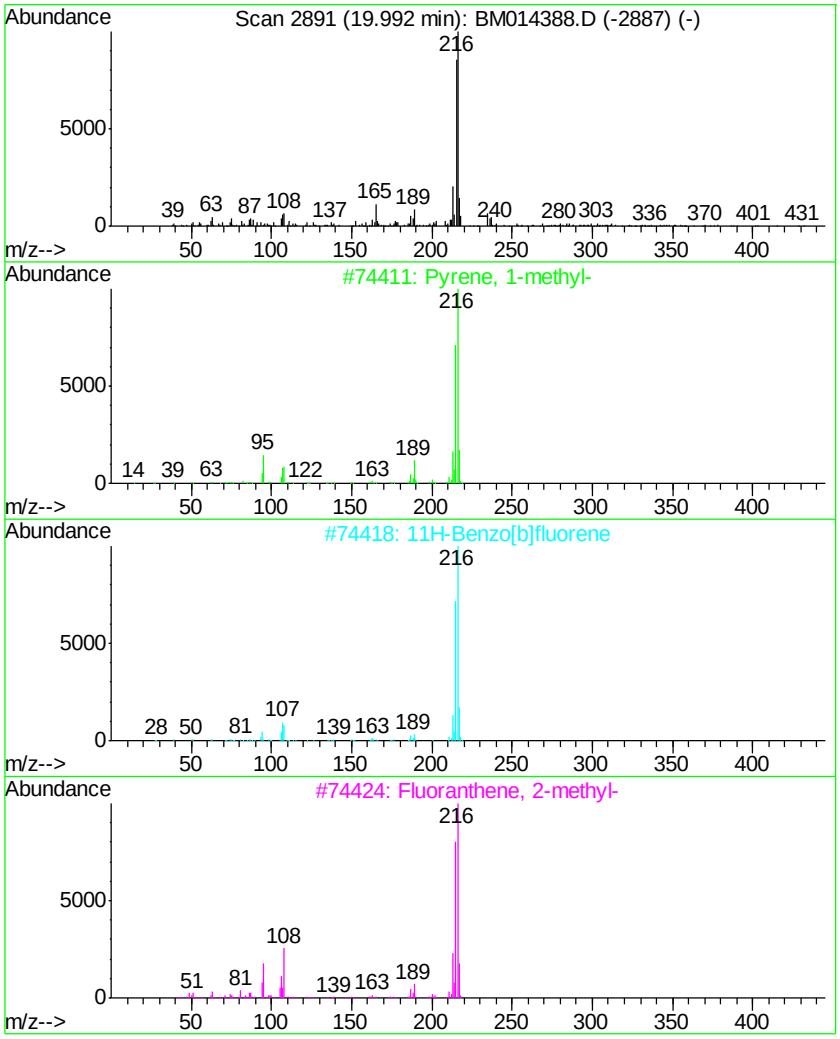
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

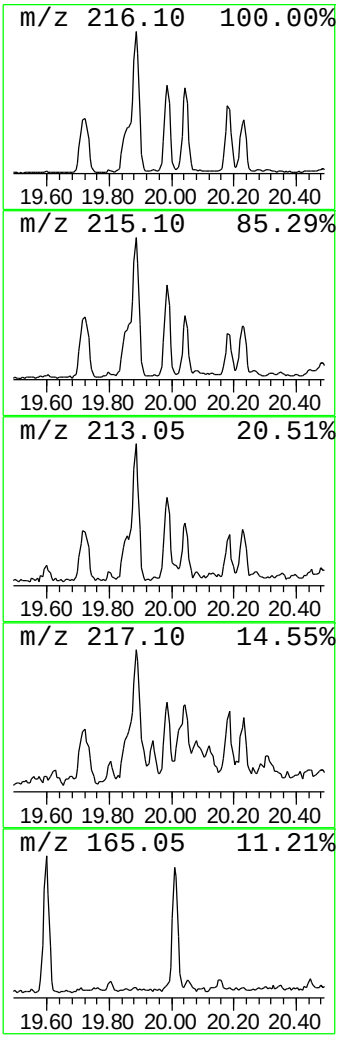
**********

Peak Number 34 Pyrene, 1-methyl- Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.99 | 2.09 ng/ul | 794567 | Chrysene-d12 | 21.16 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 94 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 87 |
| 3 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 87 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 87 |
| 5 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 83 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

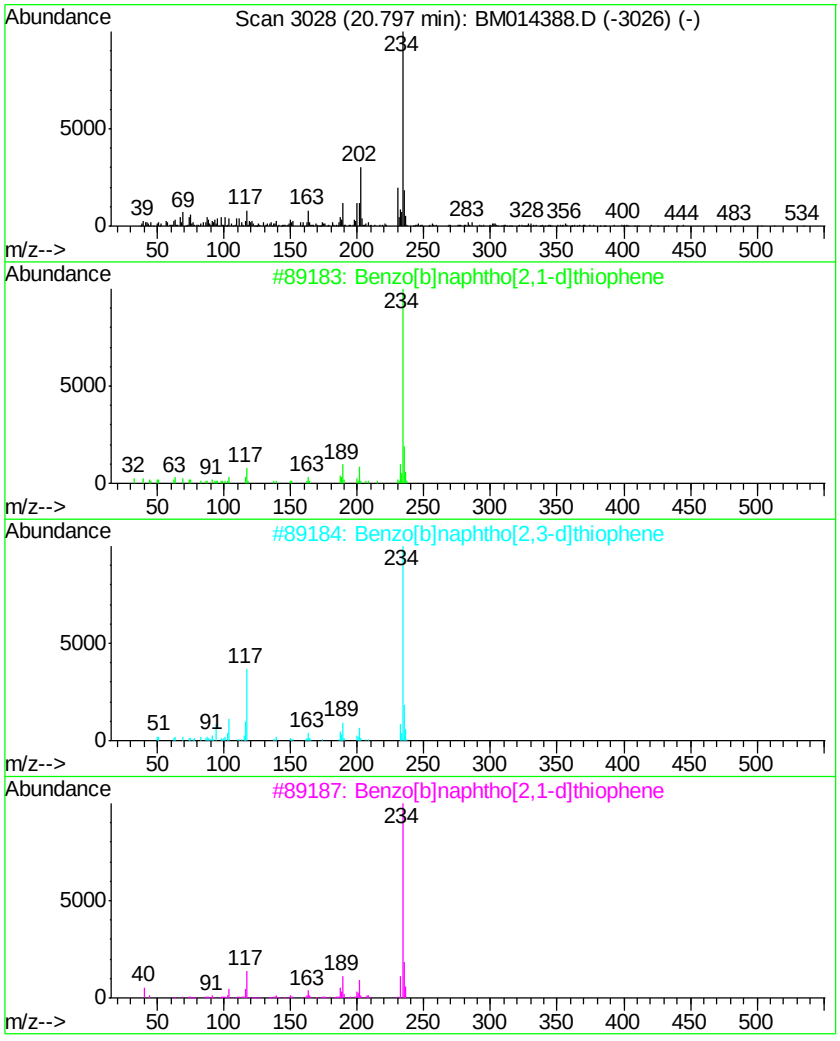
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

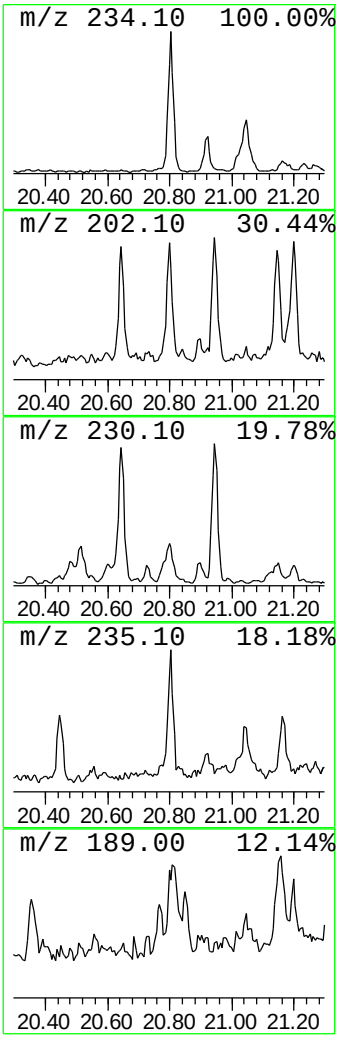
**********

Peak Number 36 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.80 | 2.24 ng/ul | 850967 | Chrysene-d12 | 21.16 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]naphtho[2,1-d]thiophene | 234 | C16H10S | 000239-35-0 | 94 |
| 2 | Benzo[b]naphtho[2,3-d]thiophene | 234 | C16H10S | 000243-46-9 | 81 |
| 3 | Benzo[b]naphtho[2,1-d]thiophene | 234 | C16H10S | 000239-35-0 | 76 |
| 4 | Benzo[b]naphtho[1,2-d]thiophene | 234 | C16H10S | 000205-43-6 | 76 |
| 5 | Benzo[b]naphtho[2,1-d]thiophene | 234 | C16H10S | 000239-35-0 | 74 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

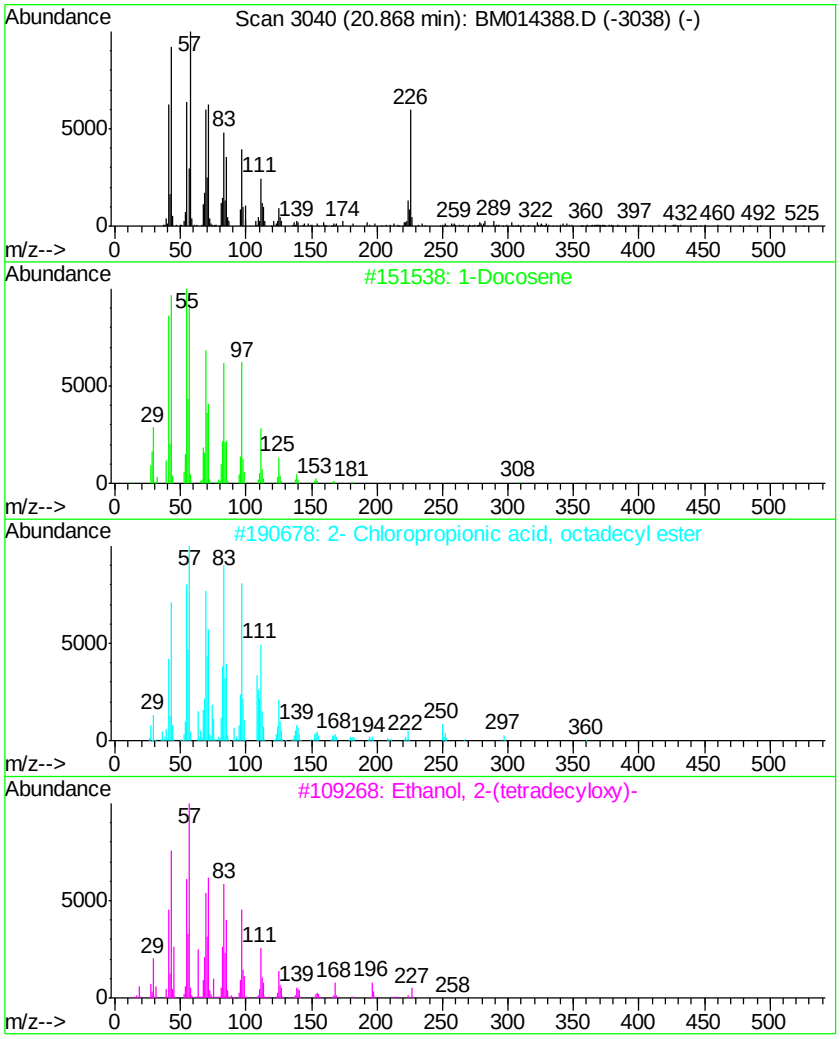
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

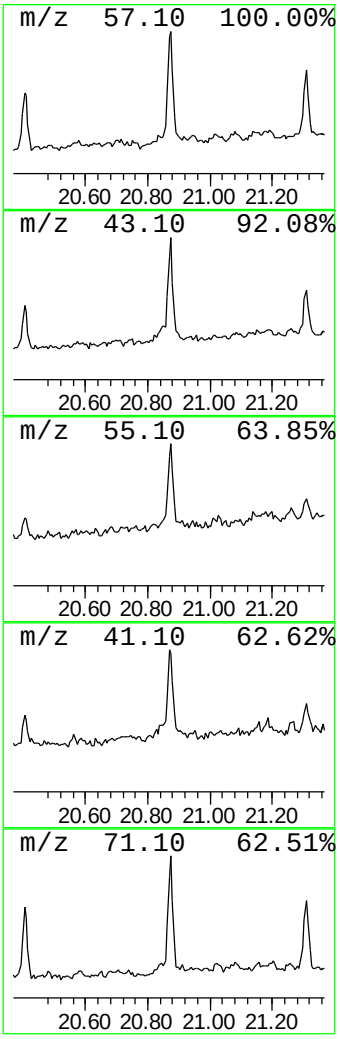
**********

Peak Number 38 (DEL) Alkane: Cyclic20.87 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.87 | 7.62 ng/ul | 2895980 | Chrysene-d12 | 21.16 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 95 |
| 2 | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2 | 088104-31-8 | 53 |
| 3 | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1 | 50 |
| 4 | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0 | 46 |
| 5 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 46 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

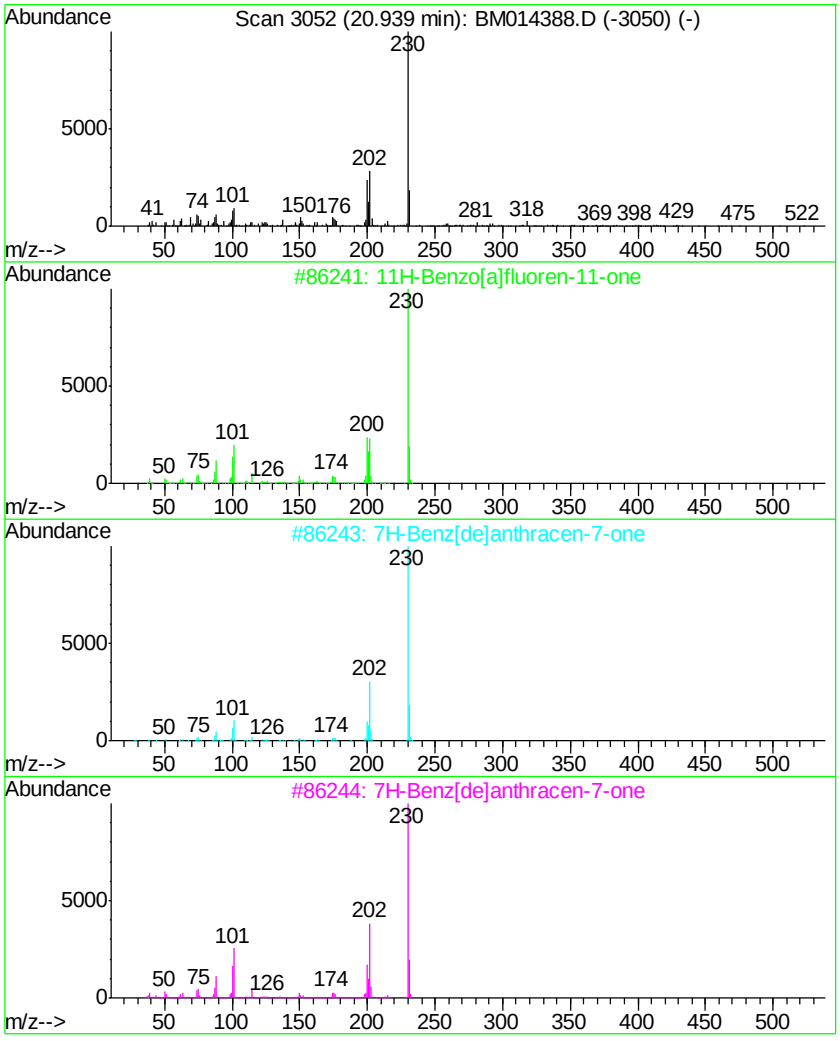
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

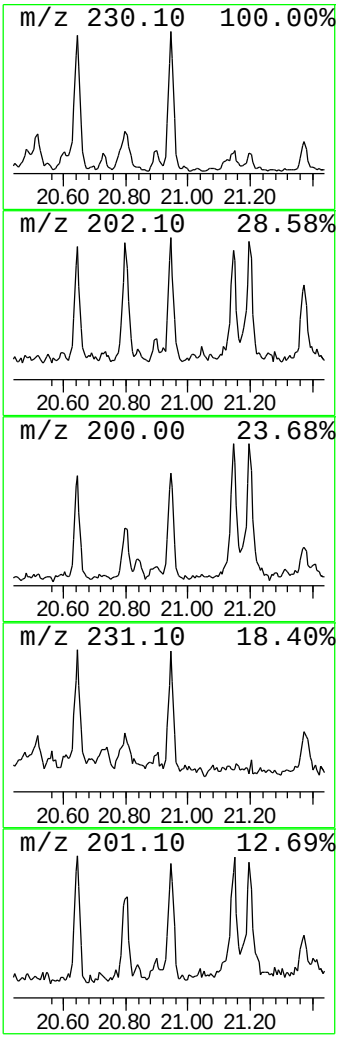
**********

Peak Number 39 11H-Benzo[a]fluoren-11-one Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.94 | 2.71 ng/ul | 1028420 | Chrysene-d12 | 21.16 |

| 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 | 87 |
| 3 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 87 |
| 4 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 87 |
| 5 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 83 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022718\
Data File : BM014388.D
Acq On : 27 Feb 2018 18:26
Operator : SJ/JU
Sample : J1631-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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 |
| unknown-01 | 4.68 | 3.5 | ng/ul | 131776 | 1 | 7.52 | 743056 | 20.0 |
| Benzene, 1,3-dime... | 5.20 | 3.7 | ng/ul | 138758 | 1 | 7.52 | 743056 | 20.0 |
| o-Cymene | 7.65 | 5.6 | ng/ul | 208682 | 1 | 7.52 | 743056 | 20.0 |
| Bicyclo[2.2.1]hep... | 9.71 | 4.3 | ng/ul | 237674 | 2 | 10.29 | 1098160 | 20.0 |
| 1,4-Methanonaphth... | 12.19 | 2.4 | ng/ul | 133673 | 2 | 10.29 | 1098160 | 20.0 |
| Naphthalene, 2,7-... | 13.49 | 2.5 | ng/ul | 171479 | 3 | 14.18 | 1395250 | 20.0 |
| (DEL) Alkane: Str... | 14.08 | 2.7 | ng/ul | 190728 | 3 | 14.18 | 1395250 | 20.0 |
| Dibenzofuran, 4-m... | 15.54 | 2.8 | ng/ul | 196542 | 3 | 14.18 | 1395250 | 20.0 |
| (DEL) Alkane: Str... | 15.91 | 5.3 | ng/ul | 384968 | 4 | 16.94 | 1443780 | 20.0 |
| 9H-Fluorene, 1-me... | 16.25 | 3.4 | ng/ul | 244204 | 4 | 16.94 | 1443780 | 20.0 |
| 9H-Fluoren-9-one | 16.61 | 4.5 | ng/ul | 323860 | 4 | 16.94 | 1443780 | 20.0 |
| Anthracene, 1,2,3... | 16.70 | 5.8 | ng/ul | 415480 | 4 | 16.94 | 1443780 | 20.0 |
| Dibenzothiophene | 16.76 | 6.1 | ng/ul | 443463 | 4 | 16.94 | 1443780 | 20.0 |
| Benzo[h]quinoline | 17.14 | 4.9 | ng/ul | 355694 | 4 | 16.94 | 1443780 | 20.0 |
| unknown-02 | 17.47 | 3.1 | ng/ul | 220816 | 4 | 16.94 | 1443780 | 20.0 |
| 1-Methyldibenzoth... | 17.53 | 3.6 | ng/ul | 260312 | 4 | 16.94 | 1443780 | 20.0 |
| Phenanthrene, 1-m... | 17.82 | 12.8 | ng/ul | 921944 | 4 | 16.94 | 1443780 | 20.0 |
| 1H-Cyclopropa[l]p... | 17.86 | 42.5 | ng/ul | 3071740 | 4 | 16.94 | 1443780 | 20.0 |
| 1H-Indene, 2-phenyl- | 17.95 | 5.3 | ng/ul | 379248 | 4 | 16.94 | 1443780 | 20.0 |
| 4H-Cyclopenta[def... | 18.01 | 20.3 | ng/ul | 1464270 | 4 | 16.94 | 1443780 | 20.0 |
| (DEL) Alkane: Str... | 18.14 | 5.2 | ng/ul | 374304 | 4 | 16.94 | 1443780 | 20.0 |
| unknown-03 | 18.22 | 2.8 | ng/ul | 204339 | 4 | 16.94 | 1443780 | 20.0 |
| 1,2,4,8-Tetrameth... | 18.33 | 8.7 | ng/ul | 625375 | 4 | 16.94 | 1443780 | 20.0 |
| 9,10-Anthracenedione | 18.38 | 9.4 | ng/ul | 677906 | 4 | 16.94 | 1443780 | 20.0 |
| unknown-04 | 18.56 | 5.6 | ng/ul | 405925 | 4 | 16.94 | 1443780 | 20.0 |
| di-p-Tolylacetylene | 18.75 | 9.0 | ng/ul | 648954 | 4 | 16.94 | 1443780 | 20.0 |
| (DEL) Alkane: Str... | 18.78 | 2.4 | ng/ul | 173047 | 4 | 16.94 | 1443780 | 20.0 |
| Cyclopenta(def)ph... | 18.90 | 9.6 | ng/ul | 691423 | 4 | 16.94 | 1443780 | 20.0 |
| Octadecanoic acid | 19.15 | 3.0 | ng/ul | 1144940 | 5 | 21.16 | 7597130 | 20.0 |
| m,p'-DDD | 19.60 | 4.5 | ng/ul | 1718230 | 5 | 21.16 | 7597130 | 20.0 |
| 11H-Benzo[b]fluorene | 19.89 | 4.8 | ng/ul | 1833900 | 5 | 21.16 | 7597130 | 20.0 |
| Pyrene, 1-methyl- | 19.99 | 2.1 | ng/ul | 794567 | 5 | 21.16 | 7597130 | 20.0 |
| Benzo[b]naphtho[2... | 20.80 | 2.2 | ng/ul | 850967 | 5 | 21.16 | 7597130 | 20.0 |
| (DEL) Alkane: Cyc... | 20.87 | 7.6 | ng/ul | 2895980 | 5 | 21.16 | 7597130 | 20.0 |
| 11H-Benzo[a]fluor... | 20.94 | 2.7 | ng/ul | 1028420 | 5 | 21.16 | 7597130 | 20.0 |