LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

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-BN102220.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 | 7.457 | 840 | 845 | 850 | rVB | 831846 | 1243747 | 9.47% | 0.451% |
| 2 | 8.551 | 1019 | 1031 | 1036 | rBV3 | 488399 | 1121603 | 8.54% | 0.406% |
| 3 | 9.128 | 1124 | 1129 | 1144 | rVB2 | 661513 | 1699559 | 12.94% | 0.616% |
| 4 | 9.404 | 1167 | 1176 | 1181 | rBV3 | 579024 | 1330441 | 10.13% | 0.482% |
| 5 | 9.634 | 1209 | 1215 | 1220 | rBV3 | 808503 | 1436072 | 10.94% | 0.520% |
| 6 | 10.134 | 1290 | 1300 | 1304 | rBV8 | 303081 | 940830 | 7.16% | 0.341% |
| 7 | 10.222 | 1305 | 1315 | 1320 | rVV2 | 1631493 | 4065444 | 30.96% | 1.473% |
| 8 | 10.275 | 1320 | 1324 | 1332 | rVV4 | 973821 | 2159455 | 16.44% | 0.783% |
| 9 | 10.340 | 1332 | 1335 | 1342 | rVB2 | 522201 | 833688 | 6.35% | 0.302% |
| 10 | 10.445 | 1349 | 1353 | 1360 | rVB | 421168 | 667222 | 5.08% | 0.242% |
| 11 | 10.640 | 1382 | 1386 | 1391 | rVV3 | 315391 | 795667 | 6.06% | 0.288% |
| 12 | 10.710 | 1395 | 1398 | 1403 | rVB2 | 660867 | 1022819 | 7.79% | 0.371% |
| 13 | 10.893 | 1424 | 1429 | 1435 | rVV5 | 380957 | 832503 | 6.34% | 0.302% |
| 14 | 11.140 | 1465 | 1471 | 1478 | rVB | 979290 | 1839717 | 14.01% | 0.667% |
| 15 | 11.269 | 1487 | 1493 | 1499 | rBV6 | 784376 | 2099408 | 15.99% | 0.761% |
| 16 | 11.328 | 1499 | 1503 | 1509 | rVB2 | 807219 | 1402982 | 10.68% | 0.508% |
| 17 | 11.410 | 1509 | 1517 | 1521 | rBV3 | 942072 | 1879204 | 14.31% | 0.681% |
| 18 | 11.510 | 1527 | 1534 | 1538 | rBV4 | 644404 | 1320332 | 10.05% | 0.478% |
| 19 | 11.898 | 1588 | 1600 | 1607 | rVB2 | 3669204 | 7523171 | 57.29% | 2.726% |
| 20 | 12.122 | 1632 | 1638 | 1642 | rVV2 | 2611623 | 4555446 | 34.69% | 1.651% |
| 21 | 12.157 | 1642 | 1644 | 1649 | rVB3 | 892065 | 1195581 | 9.10% | 0.433% |
| 22 | 12.298 | 1663 | 1668 | 1673 | rBV8 | 393203 | 942544 | 7.18% | 0.342% |
| 23 | 12.522 | 1702 | 1706 | 1713 | rVB4 | 604199 | 1240075 | 9.44% | 0.449% |
| 24 | 12.645 | 1724 | 1727 | 1731 | rVB3 | 899649 | 1157542 | 8.81% | 0.419% |
| 25 | 12.769 | 1744 | 1748 | 1754 | rBV3 | 495487 | 985744 | 7.51% | 0.357% |
| 26 | 12.916 | 1769 | 1773 | 1780 | rVB3 | 694800 | 1431594 | 10.90% | 0.519% |
| 27 | 13.039 | 1790 | 1794 | 1799 | rVB2 | 1444785 | 2306343 | 17.56% | 0.836% |
| 28 | 13.134 | 1807 | 1810 | 1813 | rBV | 1268713 | 1613262 | 12.28% | 0.585% |
| 29 | 13.269 | 1828 | 1833 | 1835 | rBV | 3733103 | 5819767 | 44.32% | 2.109% |
| 30 | 13.351 | 1843 | 1847 | 1850 | rBV2 | 509204 | 768590 | 5.85% | 0.279% |
| 31 | 13.434 | 1855 | 1861 | 1866 | rVV | 7377764 | 13132467 | 100.00% | 4.759% |
| 32 | 13.486 | 1866 | 1870 | 1874 | rVV | 4926667 | 7029726 | 53.53% | 2.547% |
| 33 | 13.528 | 1874 | 1877 | 1882 | rVB3 | 1172748 | 1763765 | 13.43% | 0.639% |
| 34 | 13.610 | 1888 | 1891 | 1895 | rVV | 821375 | 1252740 | 9.54% | 0.454% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

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-BN102220.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 13.669 | 1897 | 1901 | 1904 | rVV | 3422205 | 4859774 | 37.01% | 1.761% |
| 36 | 13.698 | 1904 | 1906 | 1911 | rVB | 1336112 | 1634274 | 12.44% | 0.592% |
| 37 | 13.834 | 1925 | 1929 | 1933 | rVB | 1724468 | 2304416 | 17.55% | 0.835% |
| 38 | 14.110 | 1967 | 1976 | 1982 | rBV2 | 2427600 | 5376559 | 40.94% | 1.948% |
| 39 | 14.169 | 1983 | 1986 | 1989 | rVV2 | 951954 | 1374179 | 10.46% | 0.498% |
| 40 | 14.210 | 1990 | 1993 | 1996 | rVV2 | 1049974 | 1352554 | 10.30% | 0.490% |
| 41 | 14.251 | 1996 | 2000 | 2006 | rVV | 1080995 | 1652911 | 12.59% | 0.599% |
| 42 | 14.333 | 2008 | 2014 | 2023 | rVV3 | 2727703 | 7345178 | 55.93% | 2.662% |
| 43 | 14.416 | 2024 | 2028 | 2035 | rVB3 | 1391351 | 1956919 | 14.90% | 0.709% |
| 44 | 14.522 | 2039 | 2046 | 2052 | rVV | 5200595 | 9614119 | 73.21% | 3.484% |
| 45 | 14.598 | 2053 | 2059 | 2065 | rVB | 5668818 | 8184279 | 62.32% | 2.966% |
| 46 | 14.657 | 2065 | 2069 | 2075 | rBV4 | 1078566 | 1599502 | 12.18% | 0.580% |
| 47 | 14.745 | 2078 | 2084 | 2088 | rBV | 4300512 | 7336041 | 55.86% | 2.658% |
| 48 | 14.798 | 2088 | 2093 | 2097 | rVB | 3806976 | 5277068 | 40.18% | 1.912% |
| 49 | 14.910 | 2105 | 2112 | 2115 | rBV | 2791871 | 6038498 | 45.98% | 2.188% |
| 50 | 14.945 | 2115 | 2118 | 2123 | rVB | 2166194 | 2783240 | 21.19% | 1.009% |
| 51 | 15.075 | 2136 | 2140 | 2144 | rBV | 1322958 | 2214259 | 16.86% | 0.802% |
| 52 | 15.163 | 2150 | 2155 | 2160 | rVB3 | 1996877 | 3248605 | 24.74% | 1.177% |
| 53 | 15.222 | 2160 | 2165 | 2169 | rBV3 | 1600613 | 3196013 | 24.34% | 1.158% |
| 54 | 15.292 | 2174 | 2177 | 2180 | rVV2 | 2555395 | 3346035 | 25.48% | 1.213% |
| 55 | 15.345 | 2181 | 2186 | 2189 | rVV3 | 1339229 | 2583669 | 19.67% | 0.936% |
| 56 | 15.392 | 2189 | 2194 | 2201 | rVV4 | 2883917 | 5627447 | 42.85% | 2.039% |
| 57 | 15.451 | 2201 | 2204 | 2208 | rVV3 | 1073341 | 2074681 | 15.80% | 0.752% |
| 58 | 15.492 | 2208 | 2211 | 2215 | rVB | 2099770 | 2663651 | 20.28% | 0.965% |
| 59 | 15.545 | 2217 | 2220 | 2224 | rBV4 | 905671 | 1557992 | 11.86% | 0.565% |
| 60 | 15.586 | 2225 | 2227 | 2230 | rVV2 | 681566 | 909383 | 6.92% | 0.330% |
| 61 | 15.628 | 2231 | 2234 | 2239 | rVB2 | 1427093 | 2281219 | 17.37% | 0.827% |
| 62 | 15.686 | 2240 | 2244 | 2248 | rBV2 | 1758641 | 2759872 | 21.02% | 1.000% |
| 63 | 15.780 | 2256 | 2260 | 2261 | rBV3 | 717859 | 901784 | 6.87% | 0.327% |
| 64 | 15.851 | 2268 | 2272 | 2275 | rBV | 3478087 | 5055398 | 38.50% | 1.832% |
| 65 | 15.986 | 2291 | 2295 | 2299 | rBV | 2439721 | 3163243 | 24.09% | 1.146% |
| 66 | 16.028 | 2299 | 2302 | 2305 | rBV | 755927 | 951950 | 7.25% | 0.345% |
| 67 | 16.104 | 2311 | 2315 | 2317 | rBV3 | 780498 | 1120698 | 8.53% | 0.406% |
| 68 | 16.227 | 2332 | 2336 | 2341 | rBV3 | 2399987 | 3574578 | 27.22% | 1.295% |
| 69 | 16.275 | 2342 | 2344 | 2347 | rVB | 848074 | 877021 | 6.68% | 0.318% |
| 70 | 16.380 | 2358 | 2362 | 2364 | rBV3 | 1049749 | 1562507 | 11.90% | 0.566% |
| 71 | 16.527 | 2384 | 2387 | 2393 | rBV3 | 1155316 | 1690413 | 12.87% | 0.613% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

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-BN102220.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 16.645 | 2405 | 2407 | 2410 | rBV2 | 666831 | 779461 | 5.94% | 0.282% |
| 73 | 16.698 | 2411 | 2416 | 2424 | rVB6 | 3002916 | 6441392 | 49.05% | 2.334% |
| 74 | 16.863 | 2441 | 2444 | 2447 | rBV | 1631292 | 2253823 | 17.16% | 0.817% |
| 75 | 16.910 | 2448 | 2452 | 2456 | rVB | 4452133 | 5601982 | 42.66% | 2.030% |
| 76 | 17.275 | 2511 | 2514 | 2516 | rBV3 | 922726 | 1235873 | 9.41% | 0.448% |
| 77 | 17.445 | 2540 | 2543 | 2547 | rVB | 1730197 | 2049466 | 15.61% | 0.743% |
| 78 | 17.592 | 2564 | 2568 | 2574 | rBV2 | 879530 | 1517195 | 11.55% | 0.550% |
| 79 | 17.745 | 2589 | 2594 | 2597 | rBV | 3375124 | 4737809 | 36.08% | 1.717% |
| 80 | 17.792 | 2597 | 2602 | 2609 | rVB | 4490126 | 6883553 | 52.42% | 2.494% |
| 81 | 17.869 | 2612 | 2615 | 2619 | rVV | 930478 | 1447699 | 11.02% | 0.525% |
| 82 | 17.927 | 2621 | 2625 | 2629 | rVV | 3541168 | 5552145 | 42.28% | 2.012% |
| 83 | 17.974 | 2629 | 2633 | 2639 | rVB | 2469762 | 3623780 | 27.59% | 1.313% |
| 84 | 18.139 | 2658 | 2661 | 2665 | rVB2 | 1392562 | 1777867 | 13.54% | 0.644% |
| 85 | 18.245 | 2676 | 2679 | 2683 | rBV4 | 874228 | 1509203 | 11.49% | 0.547% |
| 86 | 18.369 | 2698 | 2700 | 2704 | rBV | 627804 | 686900 | 5.23% | 0.249% |
| 87 | 18.469 | 2713 | 2717 | 2719 | rBV2 | 1210916 | 1766766 | 13.45% | 0.640% |
| 88 | 18.498 | 2719 | 2722 | 2727 | rVV2 | 1632668 | 2152210 | 16.39% | 0.780% |
| 89 | 18.551 | 2728 | 2731 | 2734 | rVV2 | 1454216 | 1737591 | 13.23% | 0.630% |
| 90 | 18.674 | 2747 | 2752 | 2756 | rBV | 3856626 | 5954075 | 45.34% | 2.158% |
| 91 | 18.721 | 2757 | 2760 | 2765 | rVV4 | 1922434 | 3222847 | 24.54% | 1.168% |
| 92 | 18.769 | 2765 | 2768 | 2771 | rVB | 1142455 | 1237334 | 9.42% | 0.448% |
| 93 | 18.816 | 2772 | 2776 | 2782 | rBV2 | 920142 | 1856990 | 14.14% | 0.673% |
| 94 | 18.939 | 2794 | 2797 | 2800 | rBV2 | 975300 | 1285560 | 9.79% | 0.466% |
| 95 | 19.221 | 2842 | 2845 | 2850 | rVB2 | 993756 | 1289509 | 9.82% | 0.467% |
| 96 | 19.274 | 2851 | 2854 | 2855 | rBV2 | 668799 | 743678 | 5.66% | 0.269% |
| 97 | 19.304 | 2855 | 2859 | 2862 | rBV | 2087709 | 2881401 | 21.94% | 1.044% |
| 98 | 19.386 | 2870 | 2873 | 2879 | rVB | 1973962 | 3002308 | 22.86% | 1.088% |
| 99 | 19.963 | 2968 | 2971 | 2976 | rVB | 1382756 | 1887319 | 14.37% | 0.684% |
| 100 | 20.104 | 2992 | 2995 | 2998 | rBV | 1149801 | 1386537 | 10.56% | 0.502% |

Sum of corrected areas: 275961252

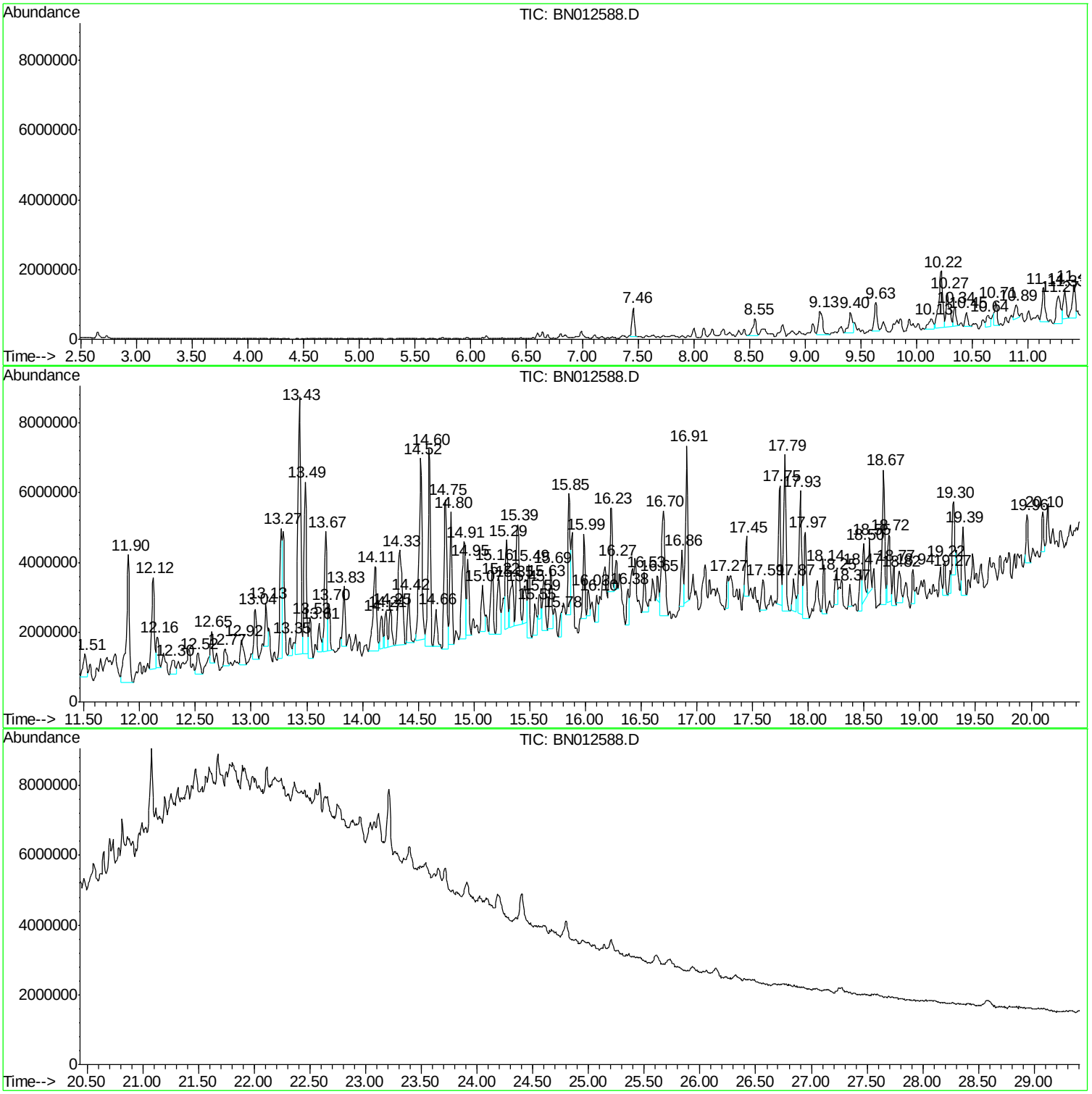
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.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\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

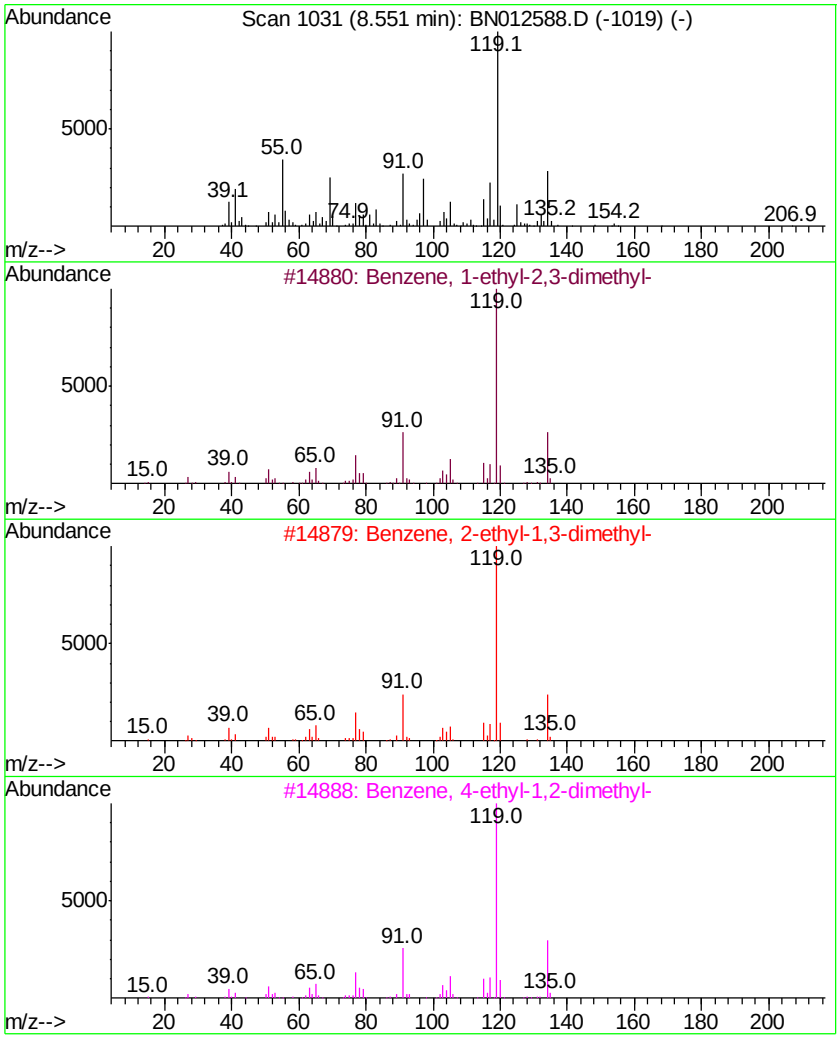
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

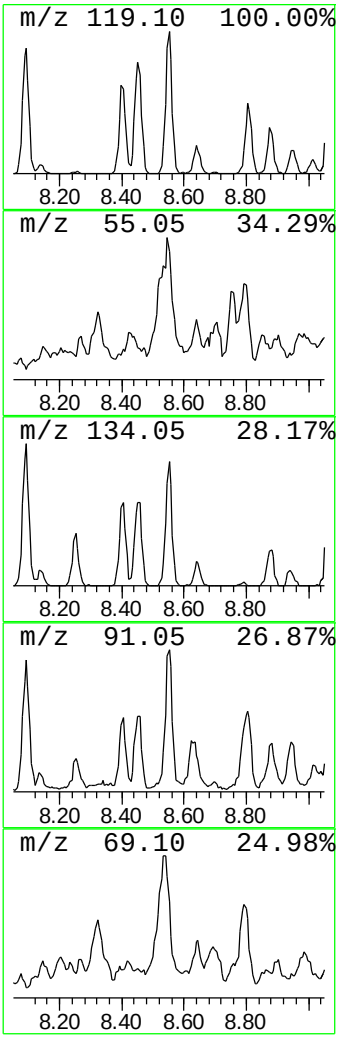
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.55 | 18.04 ng/ul | 1121600 | 1,4-Dichlorobenzene-d4 | 7.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 93 |
| 2 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 93 |
| 3 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 93 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 92 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 76 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

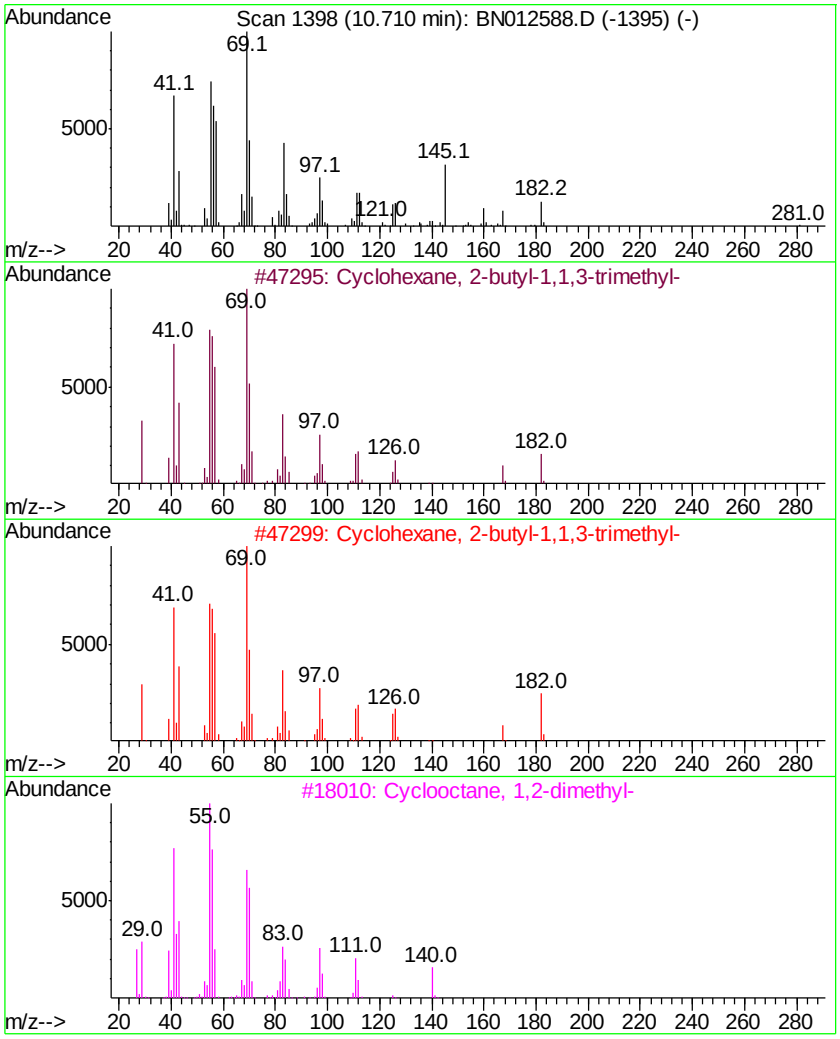
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

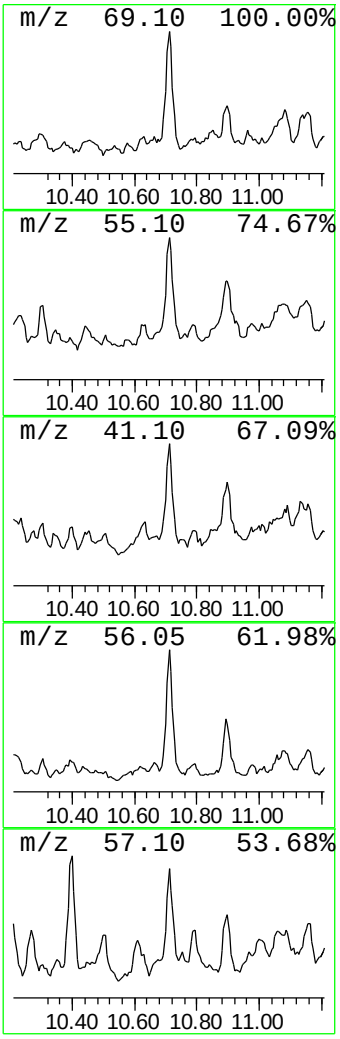
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Cyclic10.71 Concentration Rank 69

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.71 | 5.03 ng/ul | 1022820 | Naphthalene-d8 | 10.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 2-butyl-1,1,3-trime... | 182 | C13H26 | 054676-39-0 | 98 |
| 2 | Cyclohexane, 2-butyl-1,1,3-trime... | 182 | C13H26 | 054676-39-0 | 97 |
| 3 | Cyclooctane, 1,2-dimethyl- | 140 | C10H20 | 013151-94-5 | 83 |
| 4 | Cyclopentane, butyl- | 126 | C9H18 | 002040-95-1 | 68 |
| 5 | 5-Tridecene, (E)- | 182 | C13H26 | 023051-84-5 | 55 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

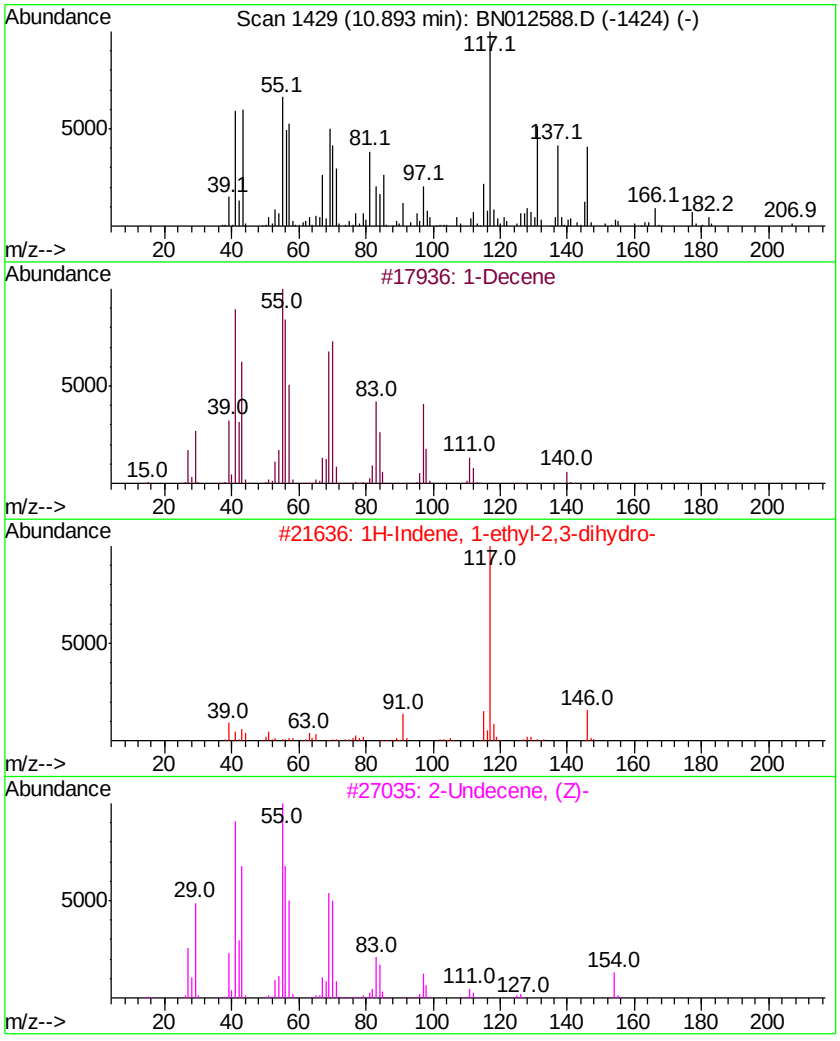
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

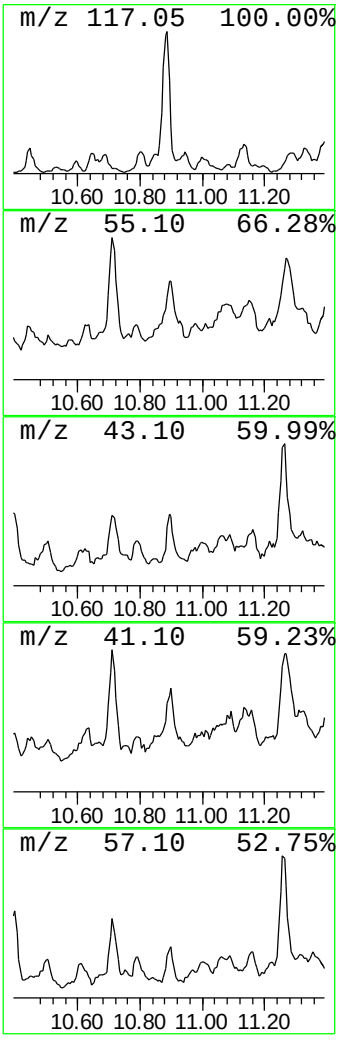
**********

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 73

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.89 | 4.10 ng/ul | 832503 | Naphthalene-d8 | 10.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Decene | 140 | C10H20 | 000872-05-9 | 35 |
| 2 | 1H-Indene, 1-ethyl-2,3-dihydro- | 146 | C11H14 | 004830-99-3 | 25 |
| 3 | 2-Undecene, (Z)- | 154 | C11H22 | 000821-96-5 | 25 |
| 4 | 4-Undecene, (E)- | 154 | C11H22 | 000693-62-9 | 25 |
| 5 | 2-Undecene, (E)- | 154 | C11H22 | 000693-61-8 | 25 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

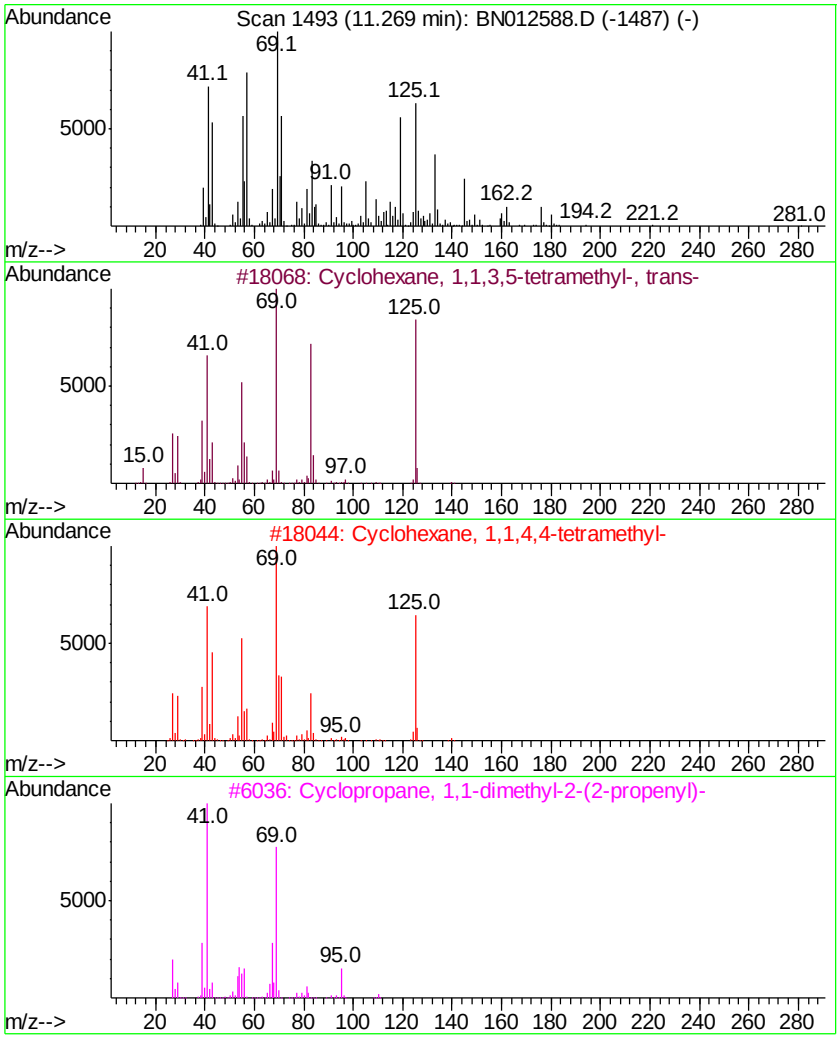
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

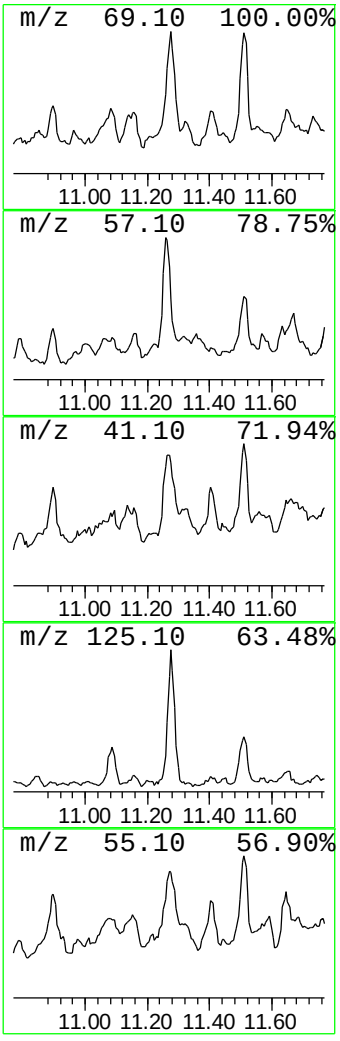
**********

Peak Number 11 (DEL) Alkane: Cyclic11.27 Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.27 | 10.33 ng/ul | 2099410 | Naphthalene-d8 | 10.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,1,3,5-tetramethyl... | 140 | C10H20 | 050876-31-8 | 38 |
| 2 | Cyclohexane, 1,1,4,4-tetramethyl- | 140 | C10H20 | 002223-52-1 | 35 |
| 3 | Cyclopropane, 1,1-dimethyl-2-(2-... | 110 | C8H14 | 036939-15-8 | 22 |
| 4 | 1,6-Heptadiene, 3,5-dimethyl- | 124 | C9H16 | 068701-99-5 | 22 |
| 5 | 1,5-Heptadiene, 3,3,5-trimethyl- | 138 | C10H18 | 074630-29-8 | 22 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

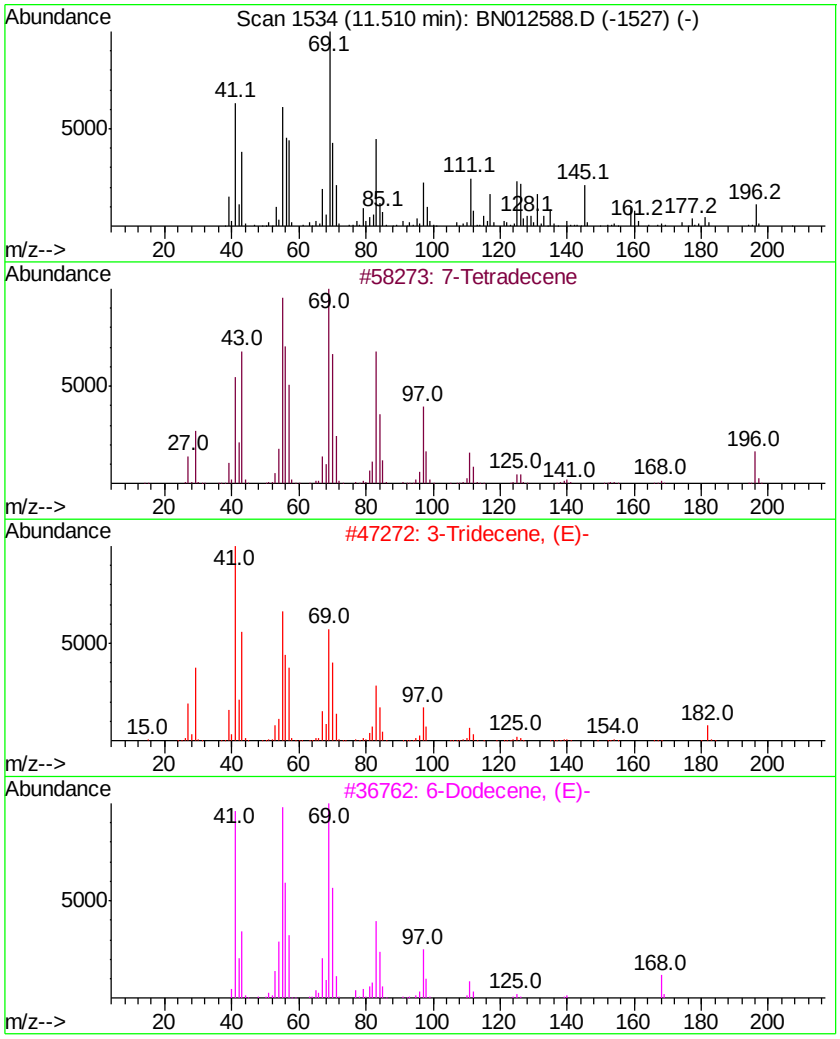
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

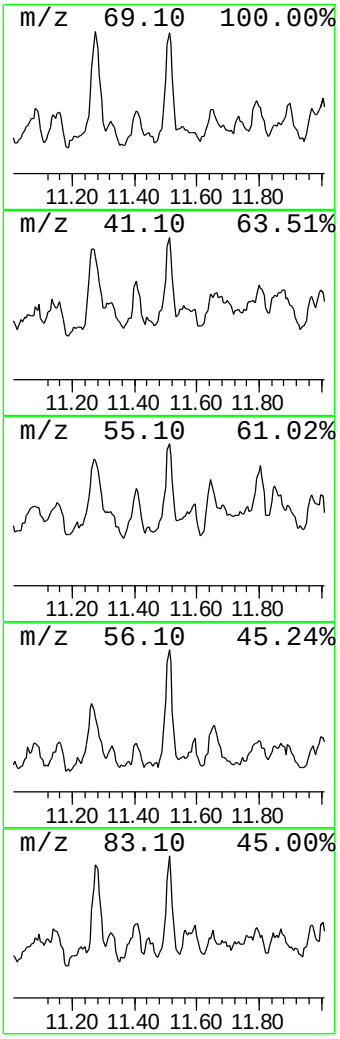
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 62

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.51 | 6.50 ng/ul | 1320330 | Naphthalene-d8 | 10.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-Tetradecene | 196 | C14H28 | 010374-74-0 | 70 |
| 2 | 3-Tridecene, (E)- | 182 | C13H26 | 041446-57-5 | 64 |
| 3 | 6-Dodecene, (E)- | 168 | C12H24 | 007206-17-9 | 62 |
| 4 | 3-Tetradecene, (E)- | 196 | C14H28 | 041446-68-8 | 55 |
| 5 | Cyclopentane, (2-methylbutyl)- | 140 | C10H20 | 053366-38-4 | 52 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

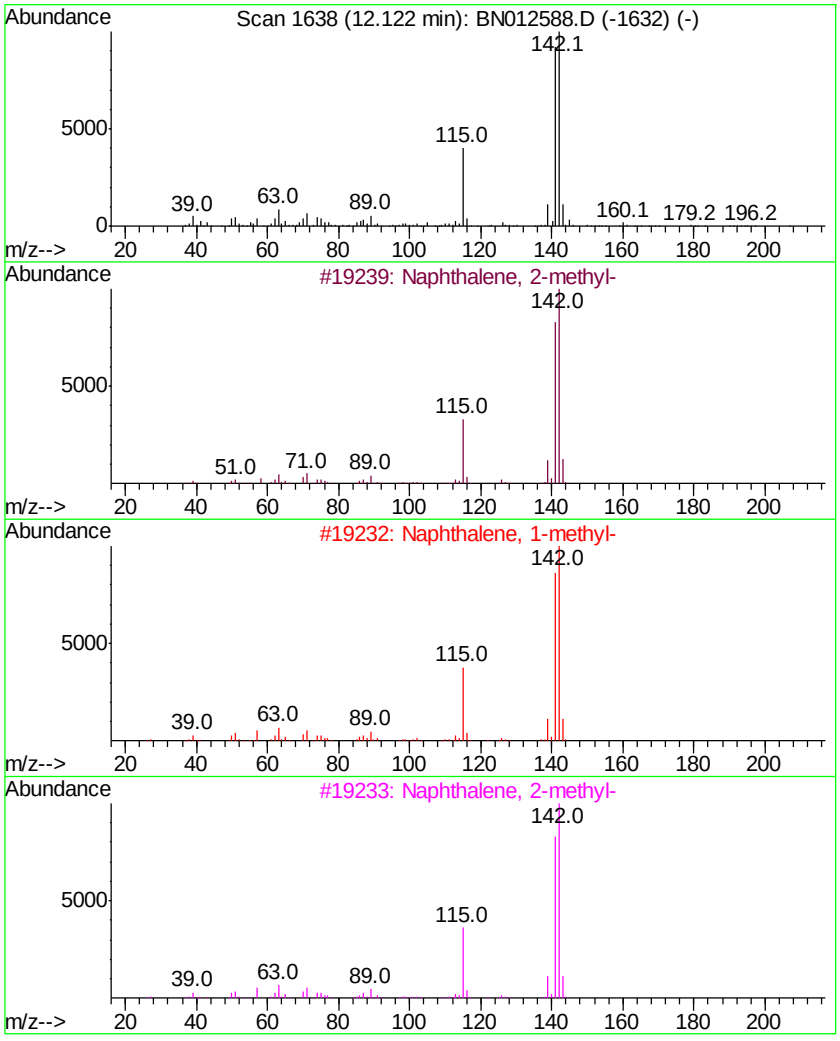
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

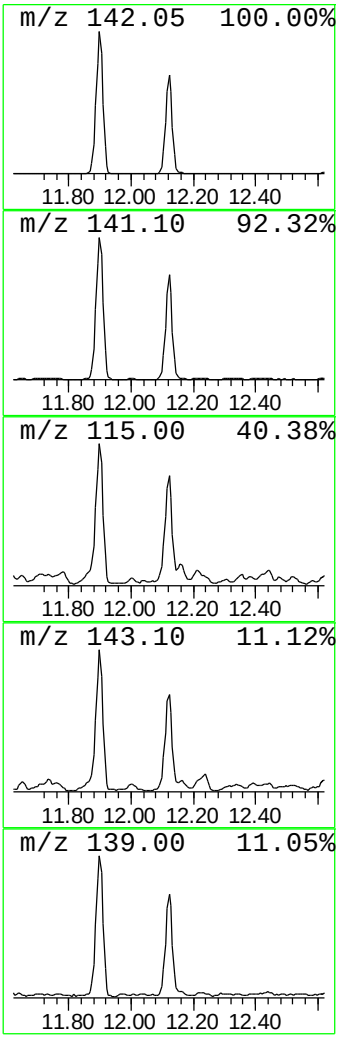
**********

Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.12 | 22.41 ng/ul | 4555450 | Naphthalene-d8 | 10.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 97 |
| 2 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 3 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 4 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 94 |
| 5 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 93 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

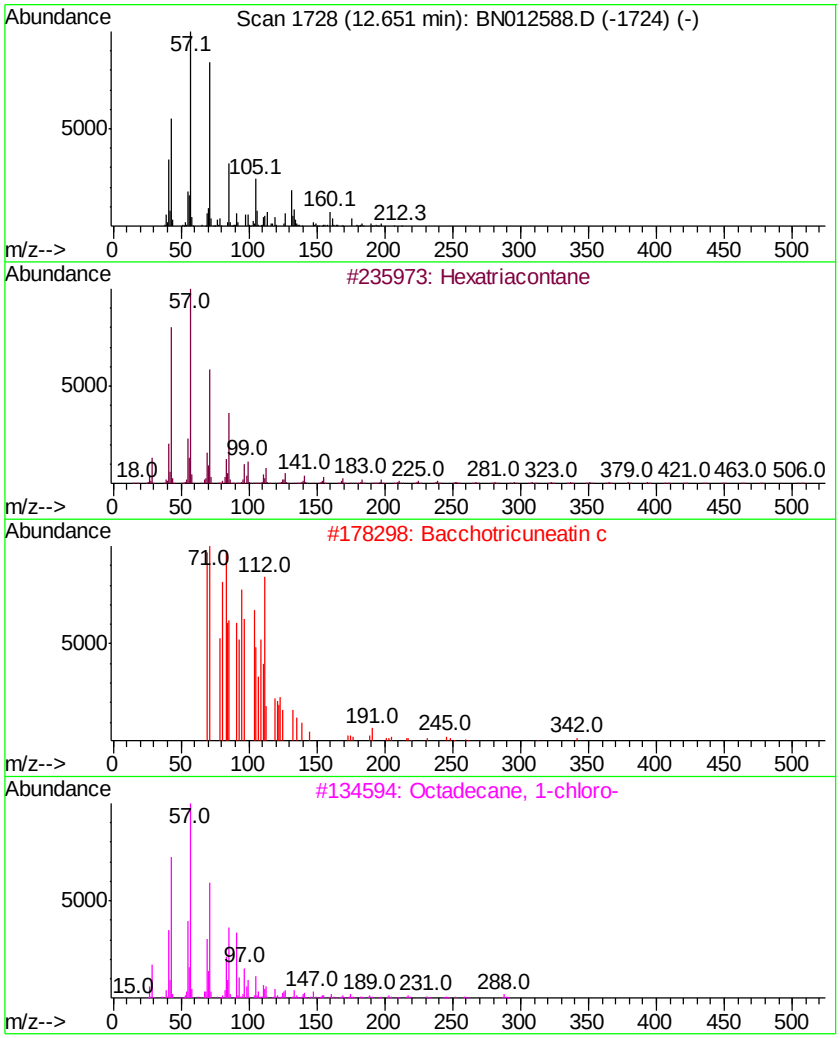
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

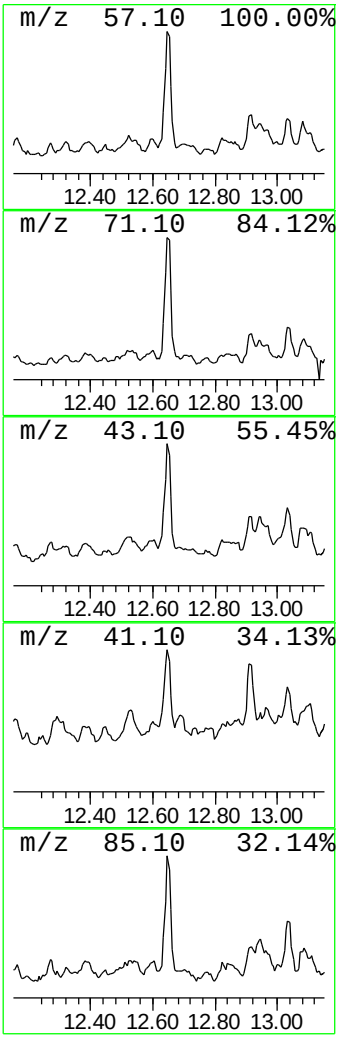
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 72

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.65 | 4.31 ng/ul | 1157540 | Acenaphthene-d10 | 14.11 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 53 |
| 2 | Bacchotricuneatin c | 342 | C20H22O5 | 066563-30-2 | 52 |
| 3 | Octadecane, 1-chloro- | 288 | C18H37Cl | 003386-33-2 | 50 |
| 4 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 50 |
| 5 | Undecane, 5-methyl- | 170 | C12H26 | 001632-70-8 | 50 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

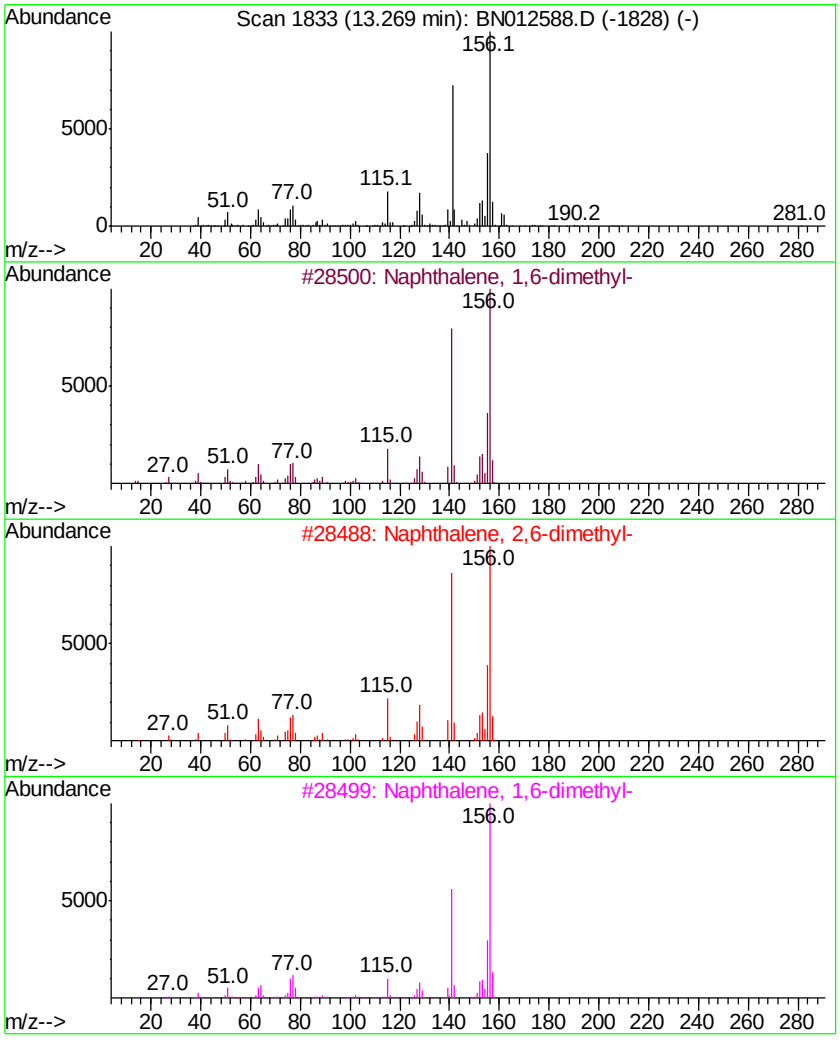
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

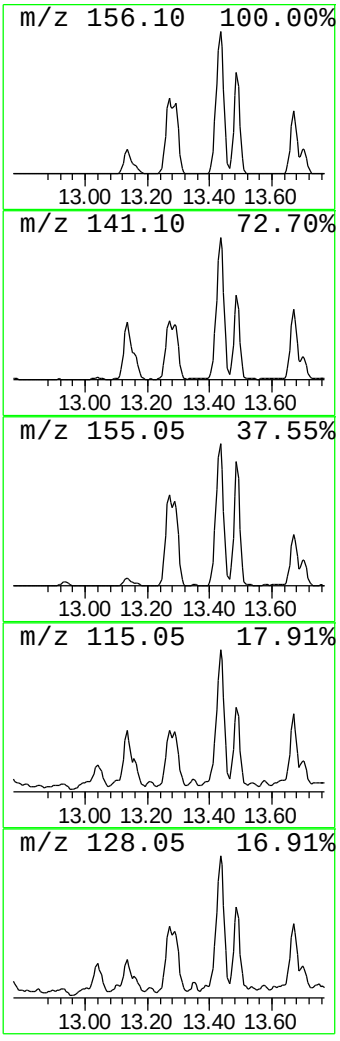
**********

Peak Number 23 Naphthalene, 1,7-dimethyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.27 | 21.65 ng/ul | 5819770 | Acenaphthene-d10 | 14.11 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 98 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 98 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 5 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

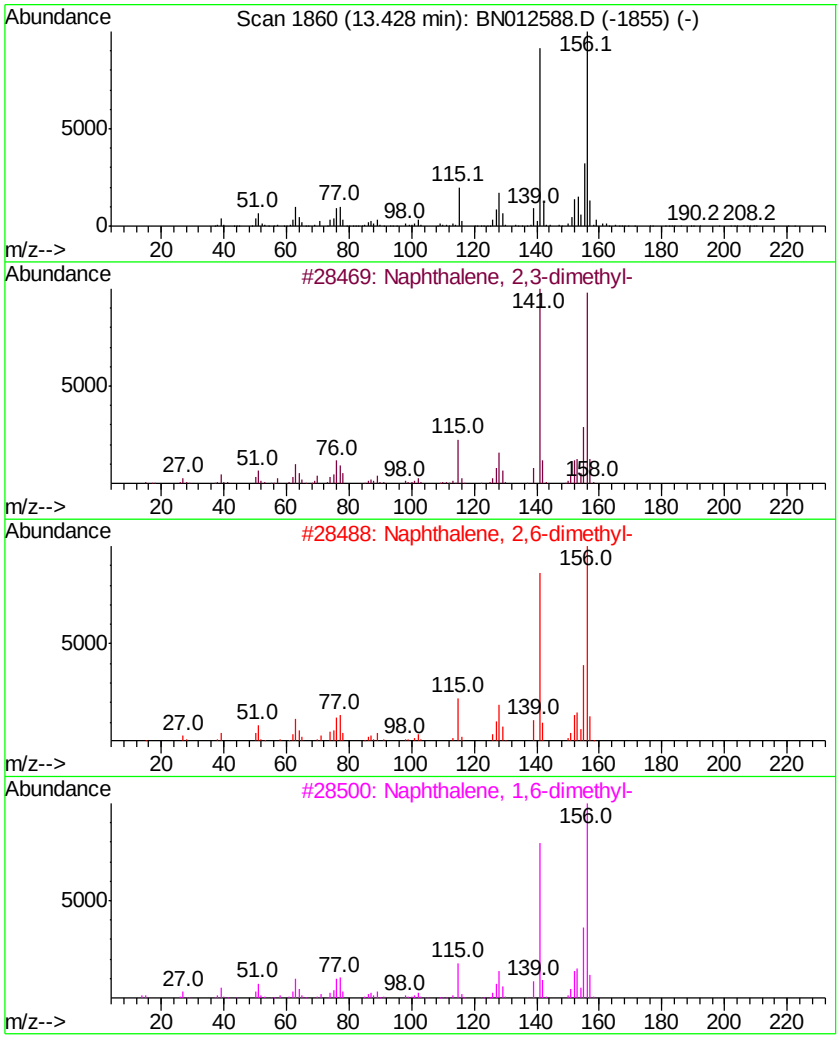
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

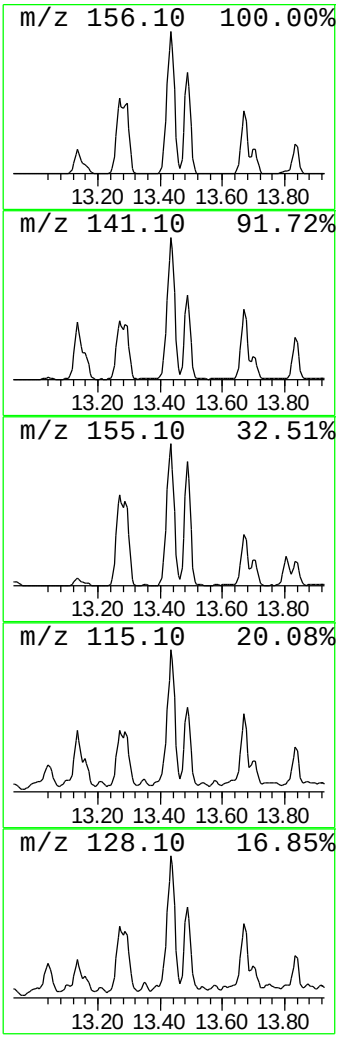
**********

Peak Number 25 Naphthalene, 2,6-dimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.43 | 48.85 ng/ul | 13132500 | Acenaphthene-d10 | 14.11 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 98 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 98 |
| 4 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

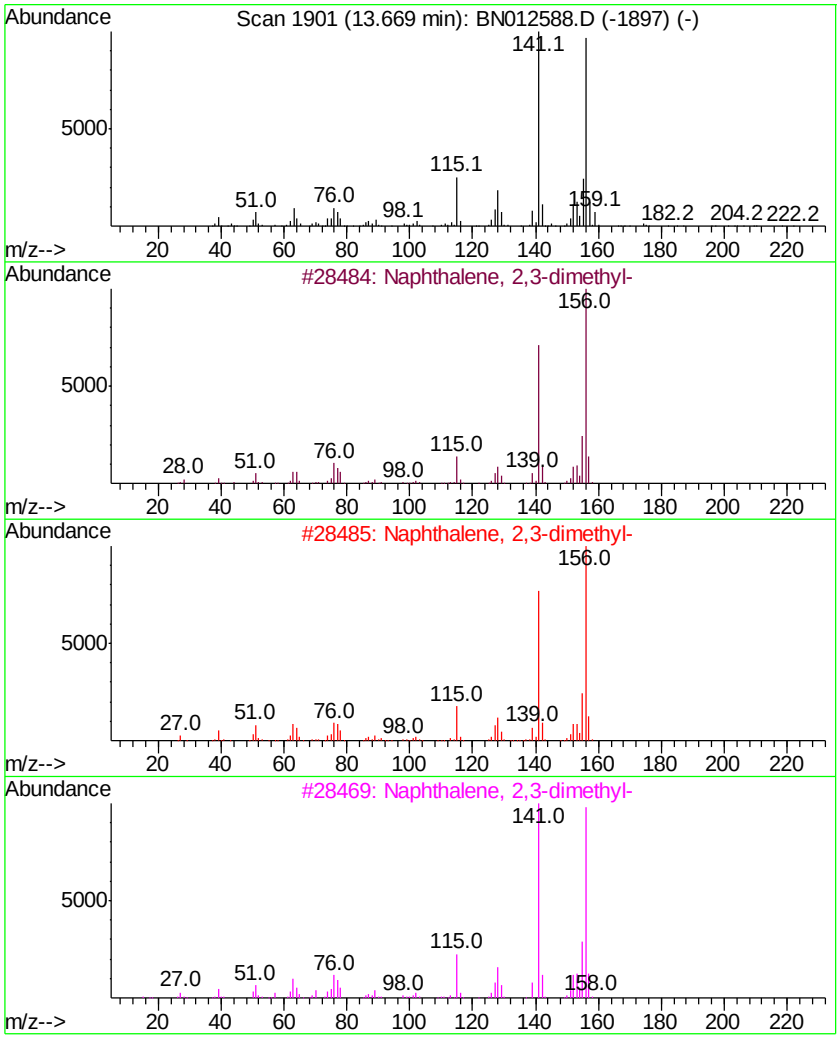
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

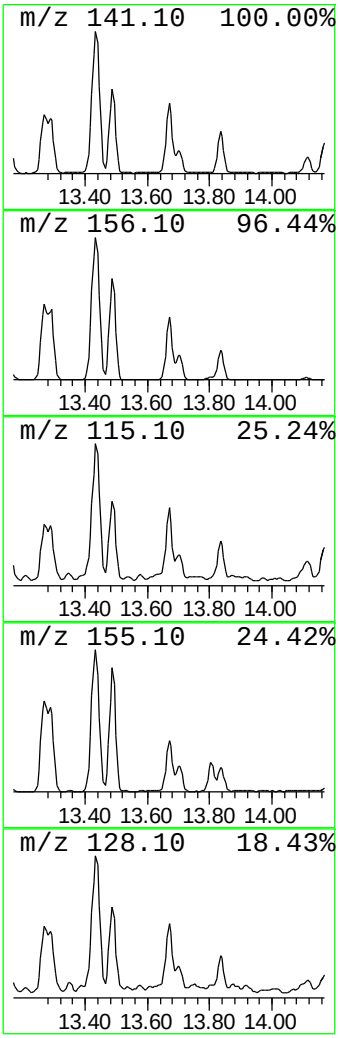
**********

Peak Number 26 Naphthalene, 2,3-dimethyl- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.67 | 18.08 ng/ul | 4859770 | Acenaphthene-d10 | 14.11 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 5 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 96 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

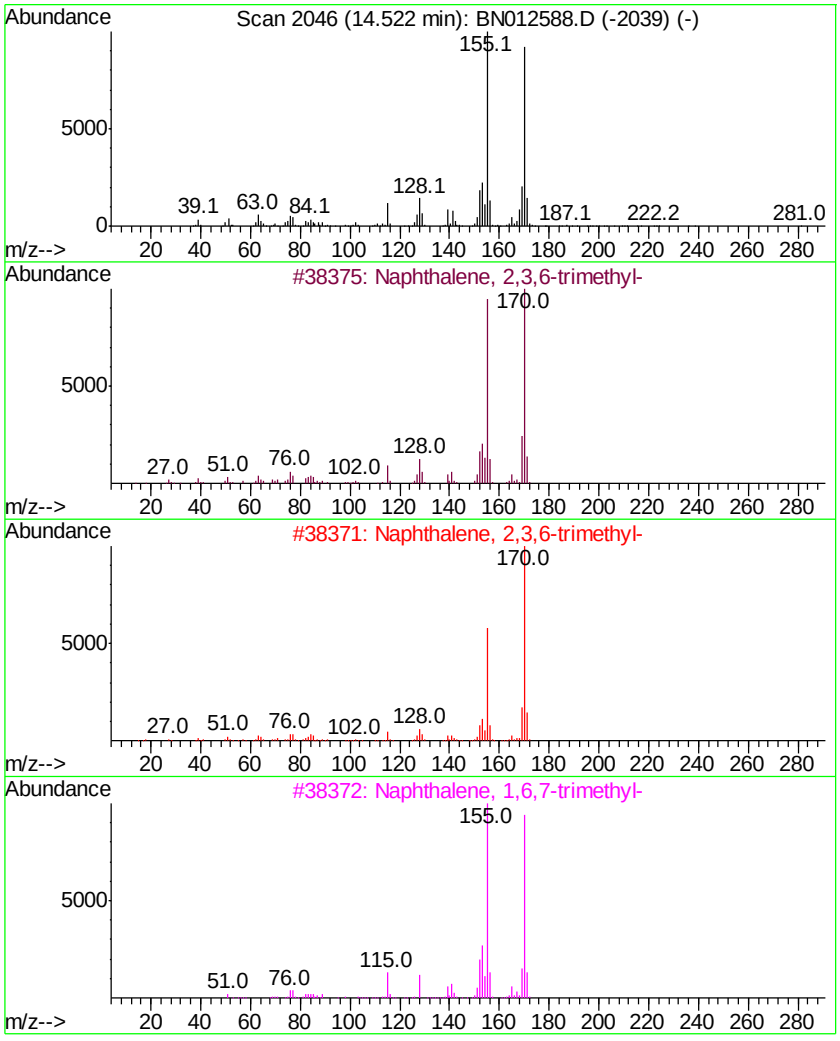
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

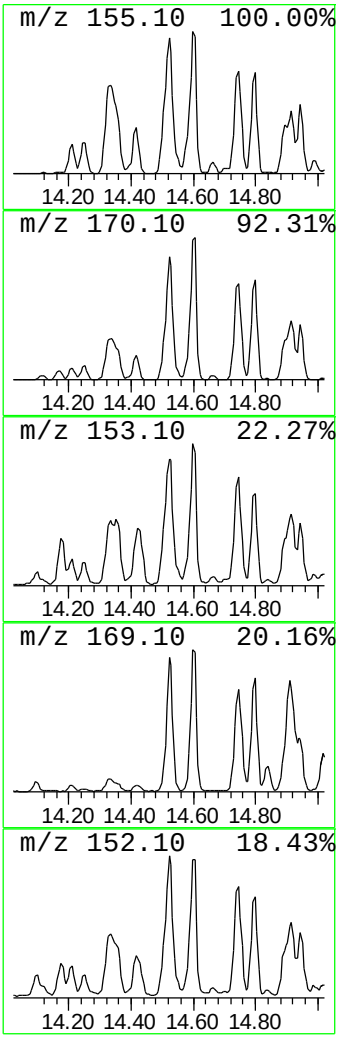
**********

Peak Number 30 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.52 | 35.76 ng/ul | 9614120 | Acenaphthene-d10 | 14.11 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 98 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 97 |
| 3 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 97 |
| 4 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 97 |
| 5 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

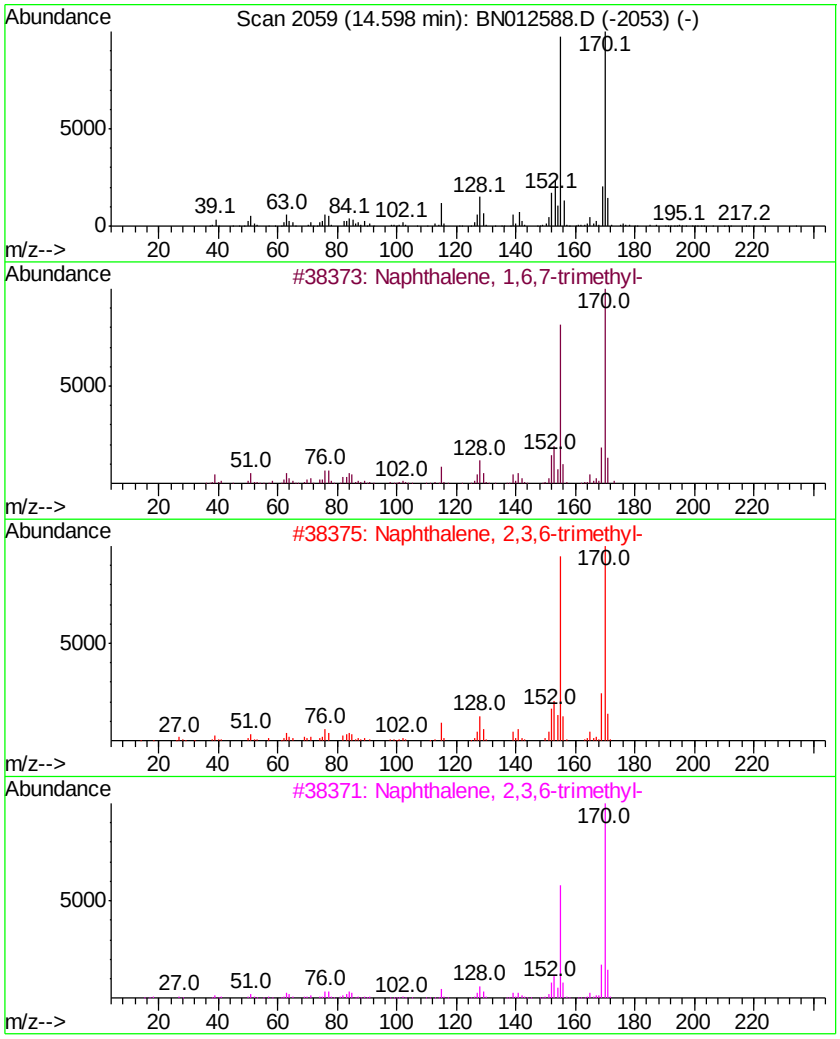
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

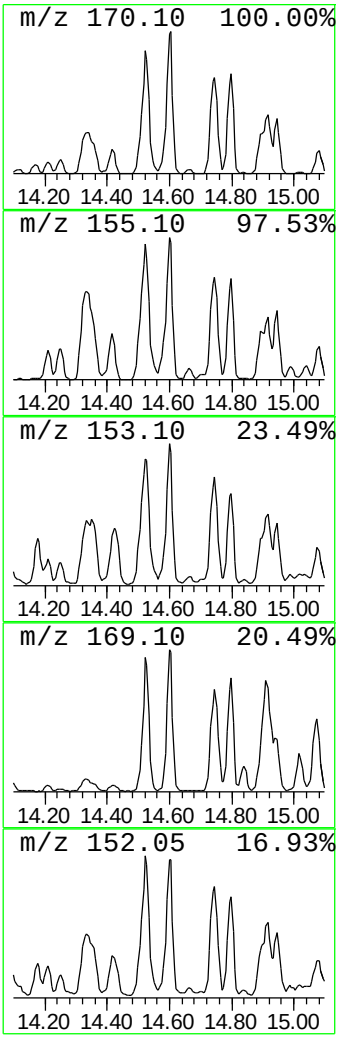
**********

Peak Number 31 unknown-01 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.60 | 30.44 ng/ul | 8184280 | Acenaphthene-d10 | 14.11 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 97 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 97 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 97 |
| 4 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 5 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

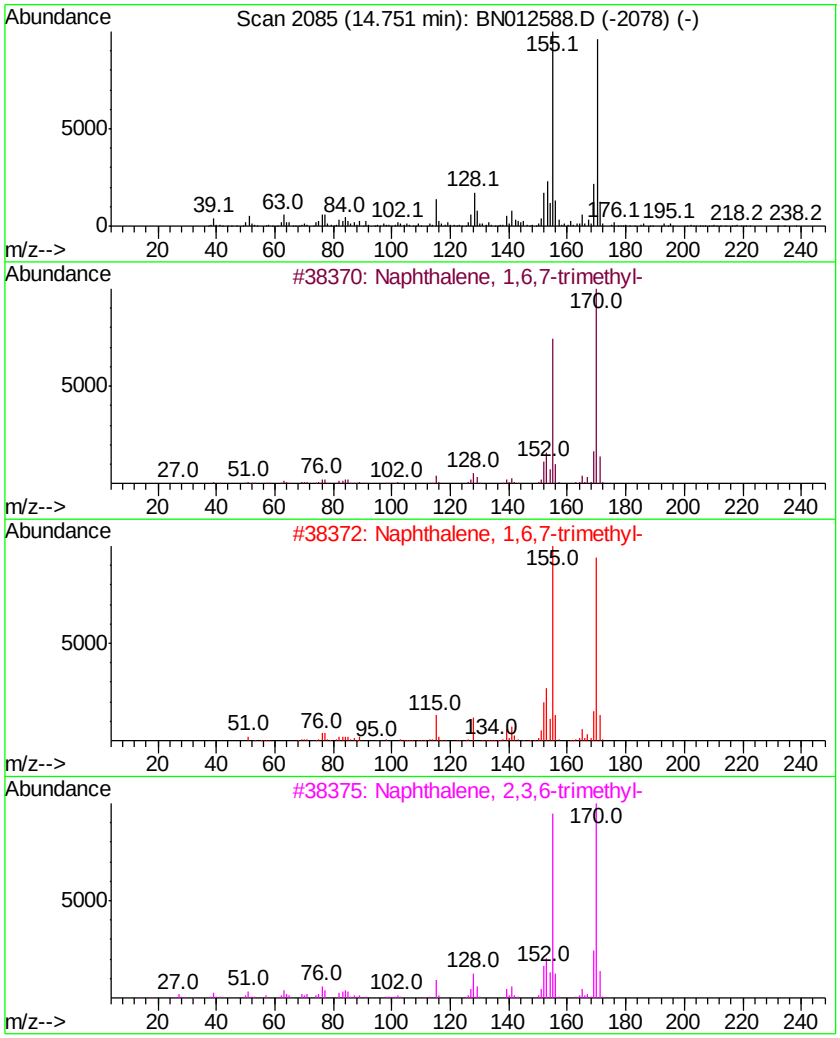
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

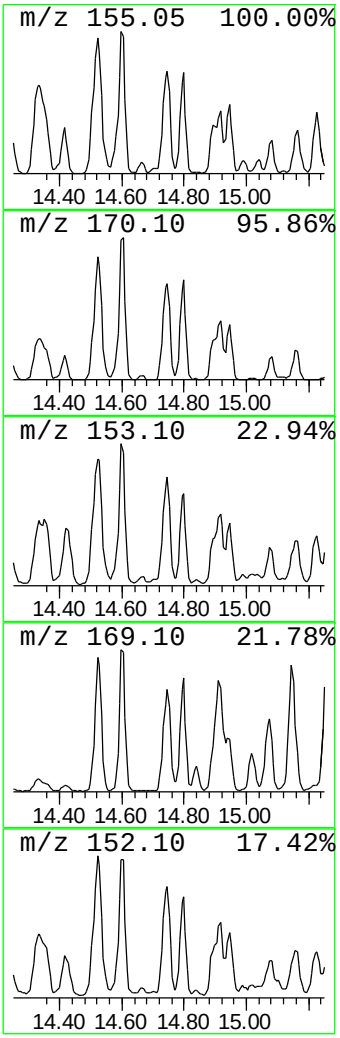
**********

Peak Number 33 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.75 | 27.29 ng/ul | 7336040 | Acenaphthene-d10 | 14.11 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 97 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 5 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

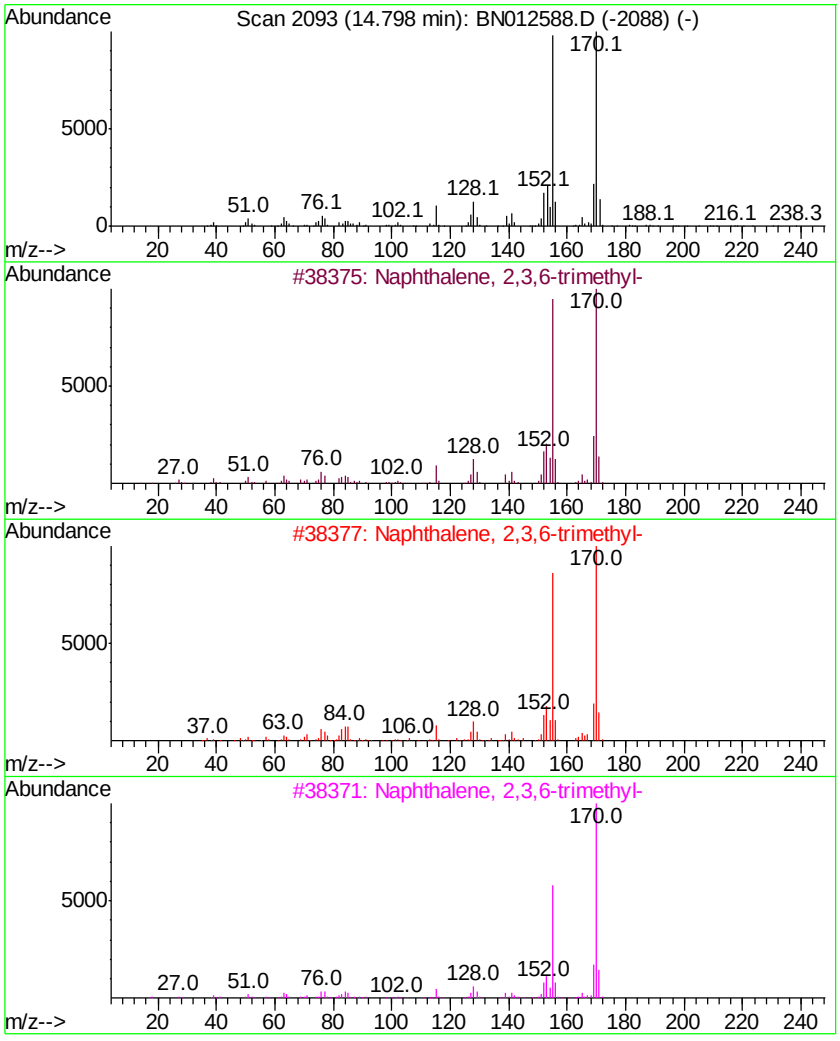
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

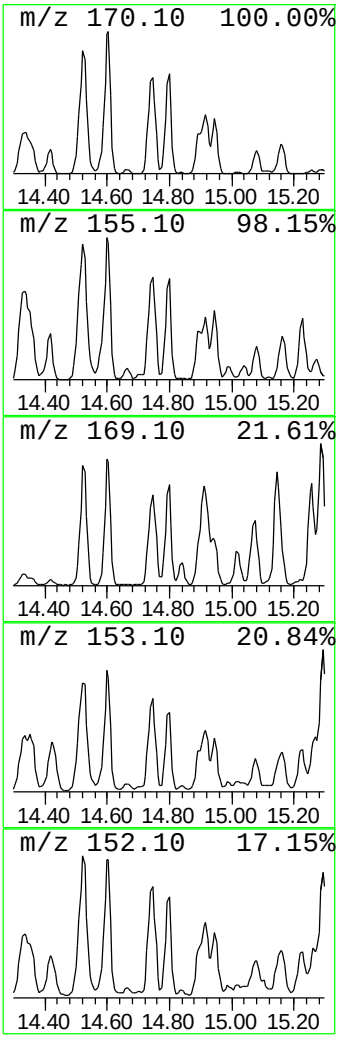
**********

Peak Number 34 Naphthalene, 2,3,6-trimethyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.80 | 19.63 ng/ul | 5277070 | Acenaphthene-d10 | 14.11 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 98 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 97 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 4 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |
| 5 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 95 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

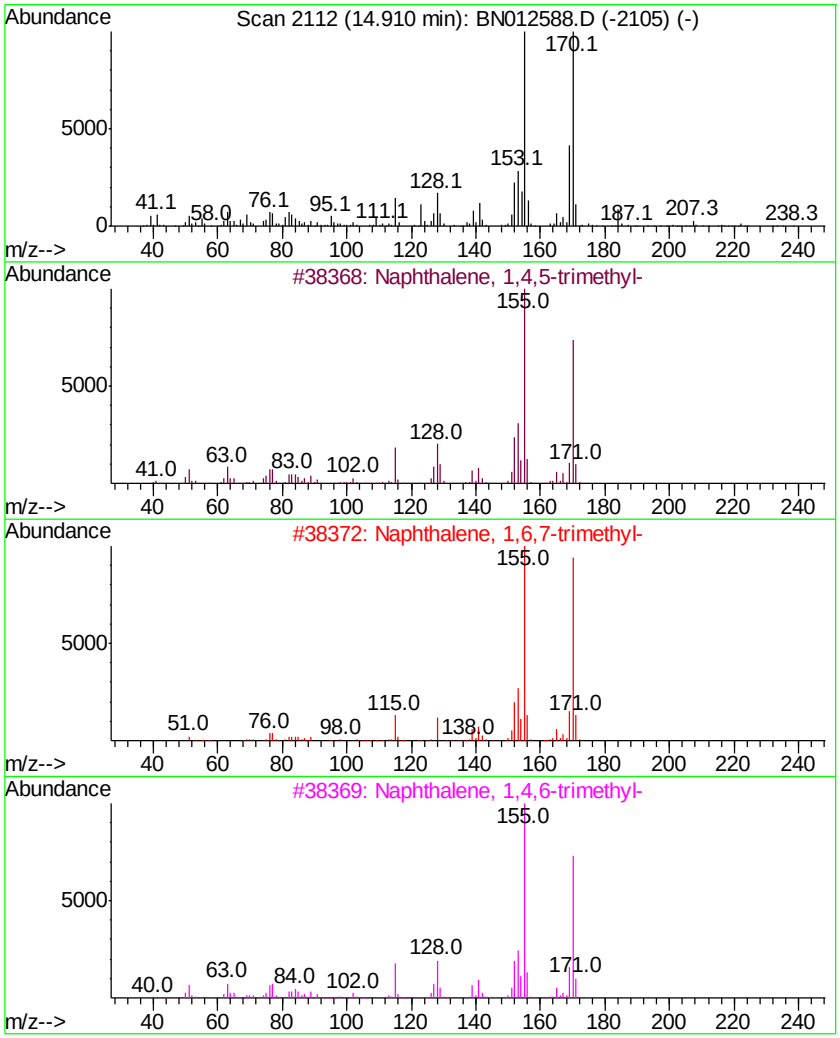
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

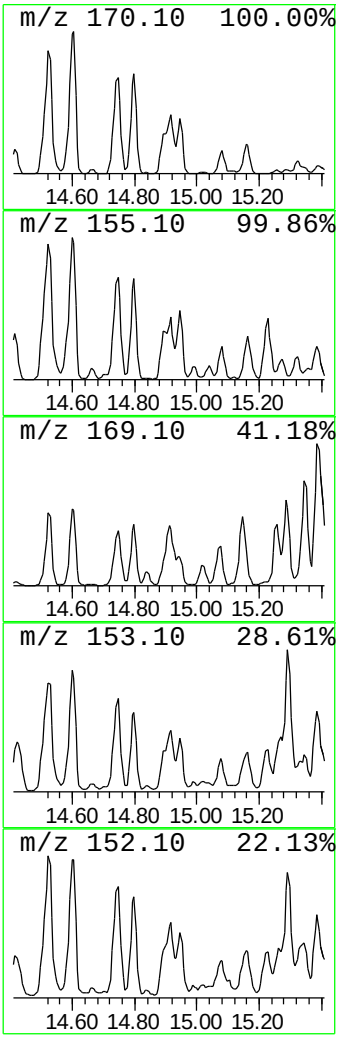
**********

Peak Number 35 Naphthalene, 1,4,5-trimethyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.91 | 22.46 ng/ul | 6038500 | Acenaphthene-d10 | 14.11 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14 | 002131-41-1 | 95 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 95 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 95 |
| 4 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 95 |
| 5 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

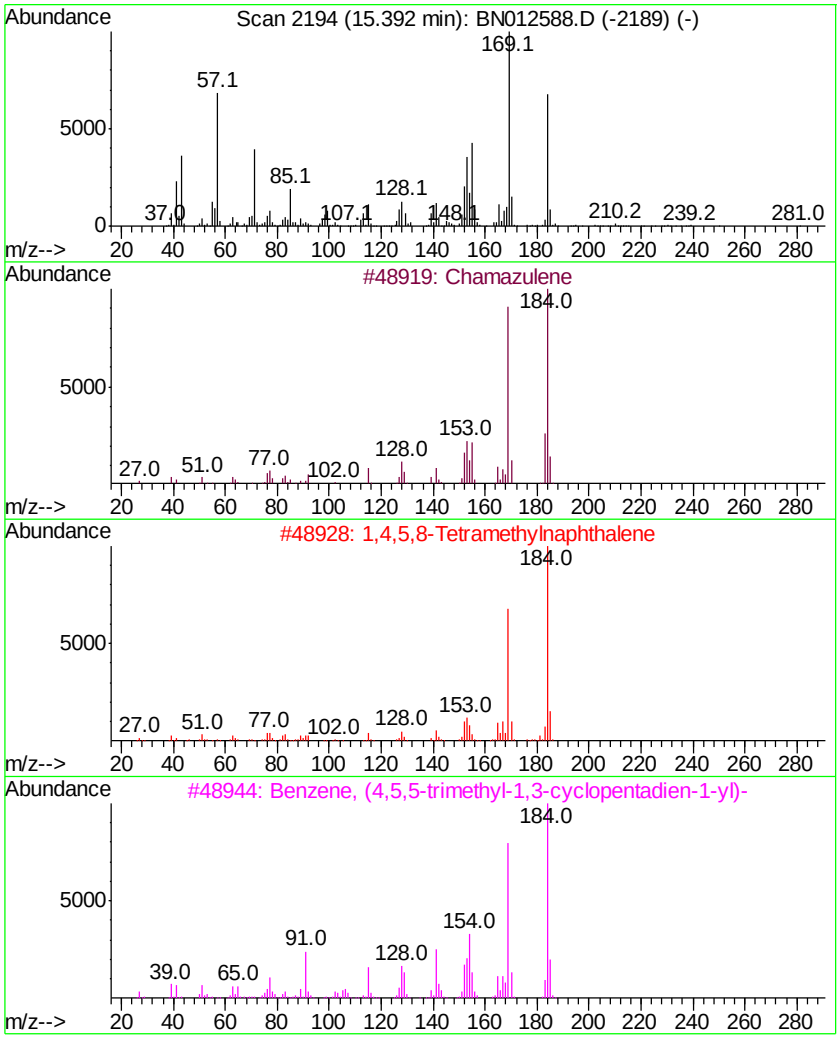
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

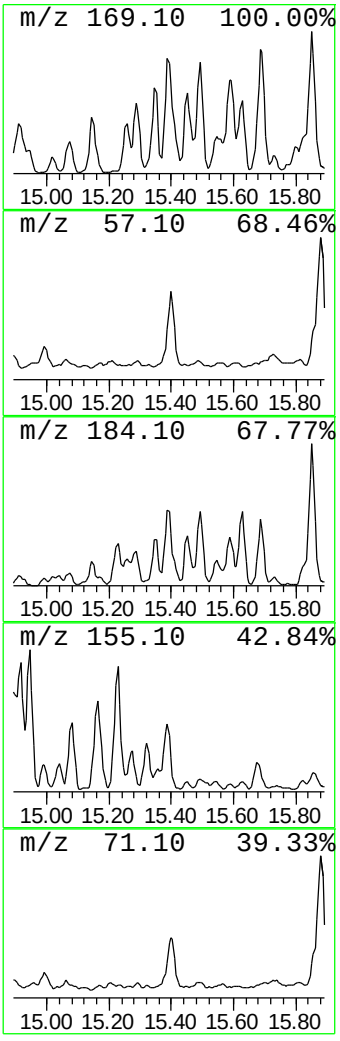
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 Benzene, (4,5,5-trimethyl-1... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.39 | 20.93 ng/ul | 5627450 | Acenaphthene-d10 | 14.11 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Chamazulene | 184 | C14H16 | 000529-05-5 | 86 |
| 2 | 1,4,5,8-Tetramethylnaphthalene | 184 | C14H16 | 002717-39-7 | 60 |
| 3 | Benzene, (4,5,5-trimethyl-1,3-cy... | 184 | C14H16 | 033930-85-7 | 58 |
| 4 | Naphthalene, 1,2,3,4-tetramethyl- | 184 | C14H16 | 003031-15-0 | 55 |
| 5 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 55 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

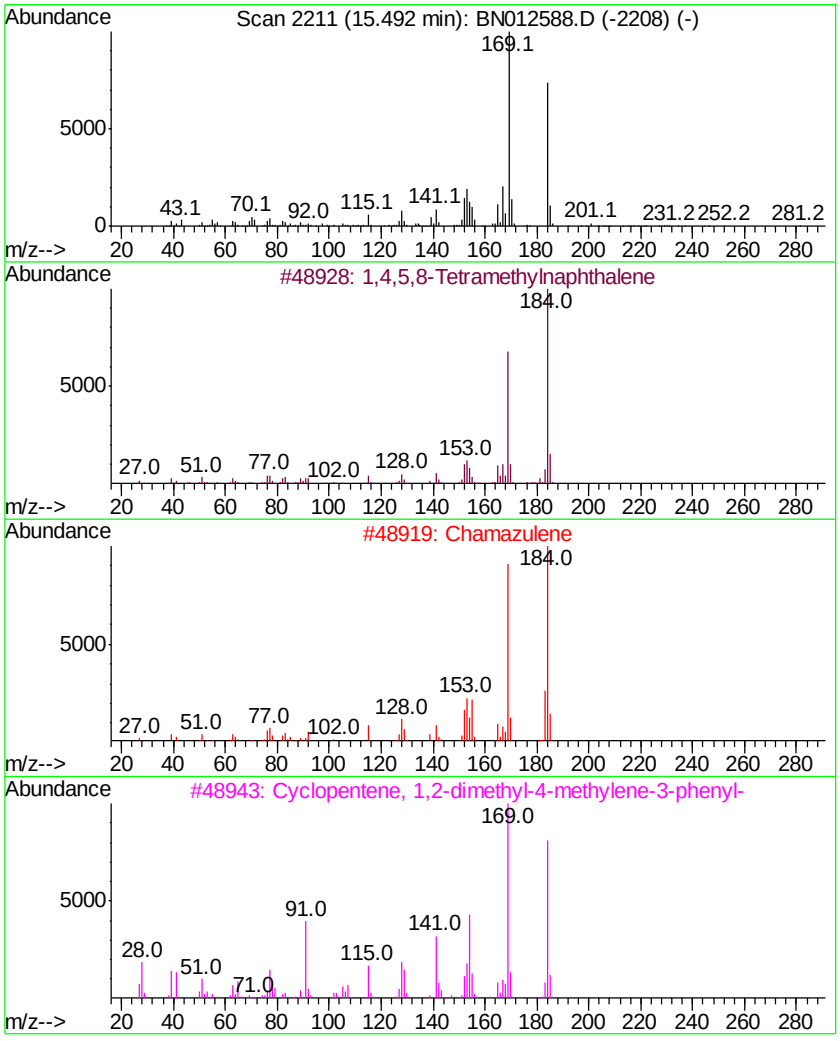
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

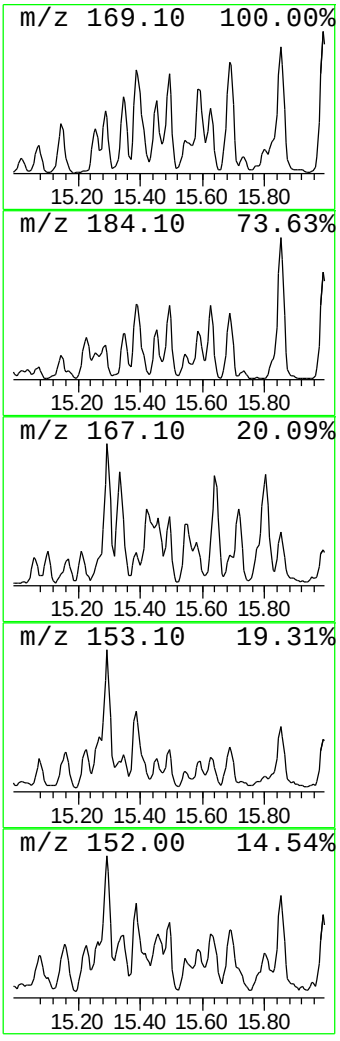
**********

Peak Number 42 Cyclopentene, 1,2-dimethyl-... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.49 | 23.64 ng/ul | 2663650 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4,5,8-Tetramethylnaphthalene | 184 | C14H16 | 002717-39-7 | 94 |
| 2 | Chamazulene | 184 | C14H16 | 000529-05-5 | 93 |
| 3 | Cyclopentene, 1,2-dimethyl-4-met... | 184 | C14H16 | 1000152-22-4 | 93 |
| 4 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 90 |
| 5 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

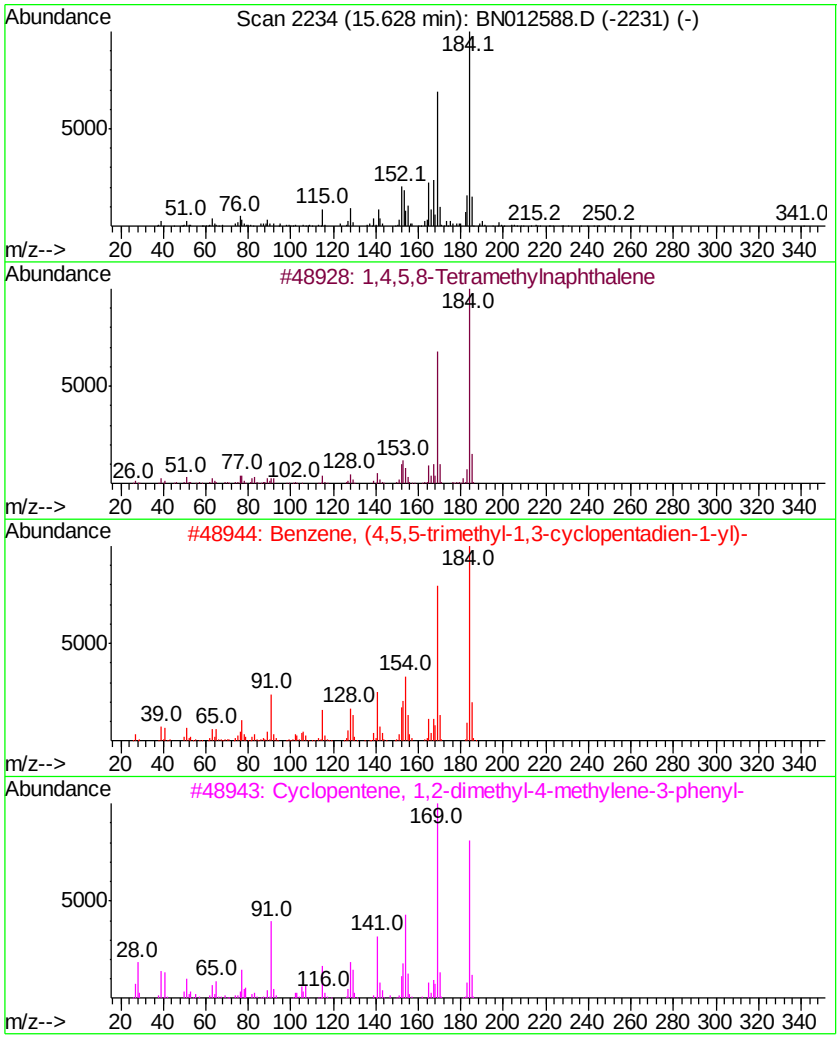
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

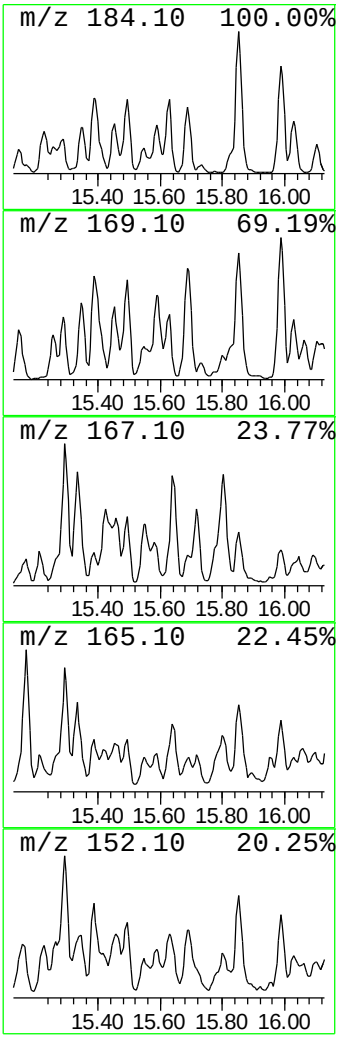
**********

Peak Number 45 1,4,5,8-Tetramethylnaphthalene Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.63 | 20.24 ng/ul | 2281220 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4,5,8-Tetramethylnaphthalene | 184 | C14H16 | 002717-39-7 | 81 |
| 2 | Benzene, (4,5,5-trimethyl-1,3-cy... | 184 | C14H16 | 033930-85-7 | 74 |
| 3 | Cyclopentene, 1,2-dimethyl-4-met... | 184 | C14H16 | 1000152-22-4 | 68 |
| 4 | Chamazulene | 184 | C14H16 | 000529-05-5 | 58 |
| 5 | 4-Cyclohepta-2,4,6-trienyl-phenol | 184 | C13H12O | 091902-42-0 | 58 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

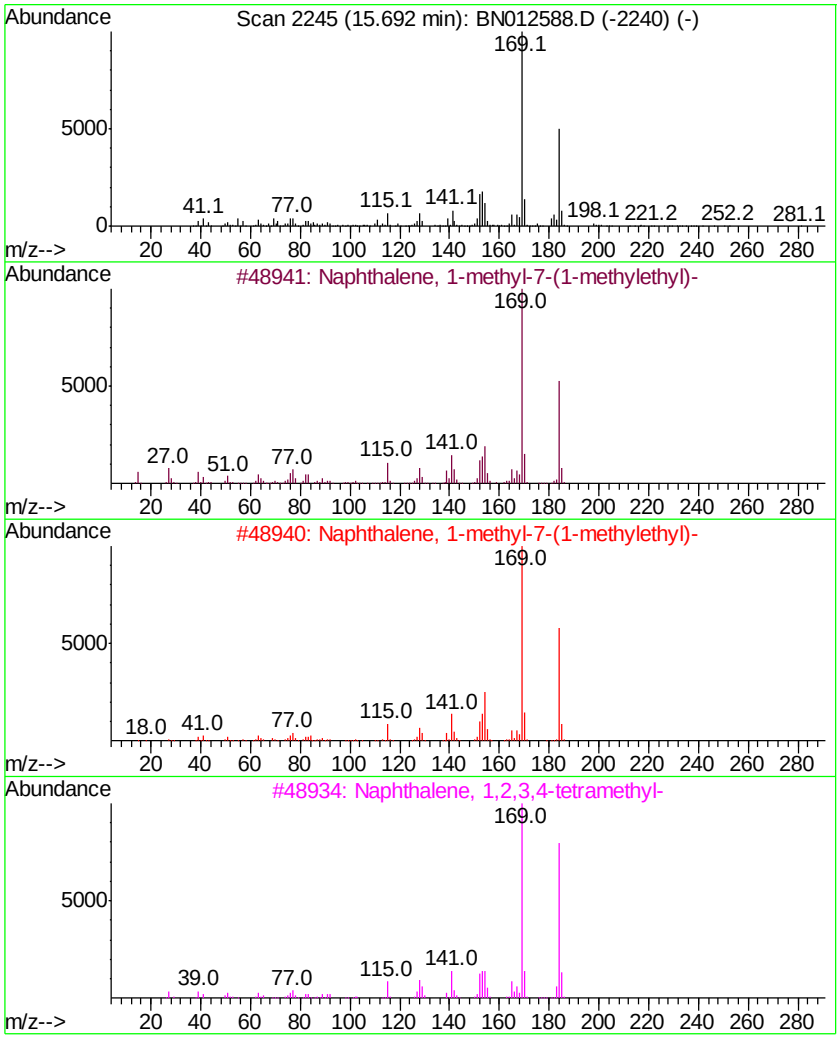
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

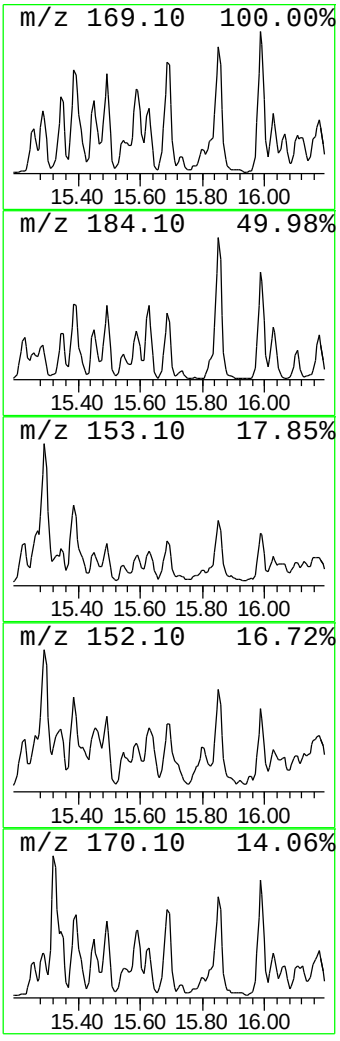
**********

Peak Number 46 Naphthalene, 1-methyl-7-(1-... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.69 | 24.49 ng/ul | 2759870 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 93 |
| 2 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 90 |
| 3 | Naphthalene, 1,2,3,4-tetramethyl- | 184 | C14H16 | 003031-15-0 | 86 |
| 4 | Naphthalene, 1-(1,1-dimethylethyl)- | 184 | C14H16 | 017085-91-5 | 83 |
| 5 | Cyclopentene, 1,2-dimethyl-4-met... | 184 | C14H16 | 1000152-22-4 | 78 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

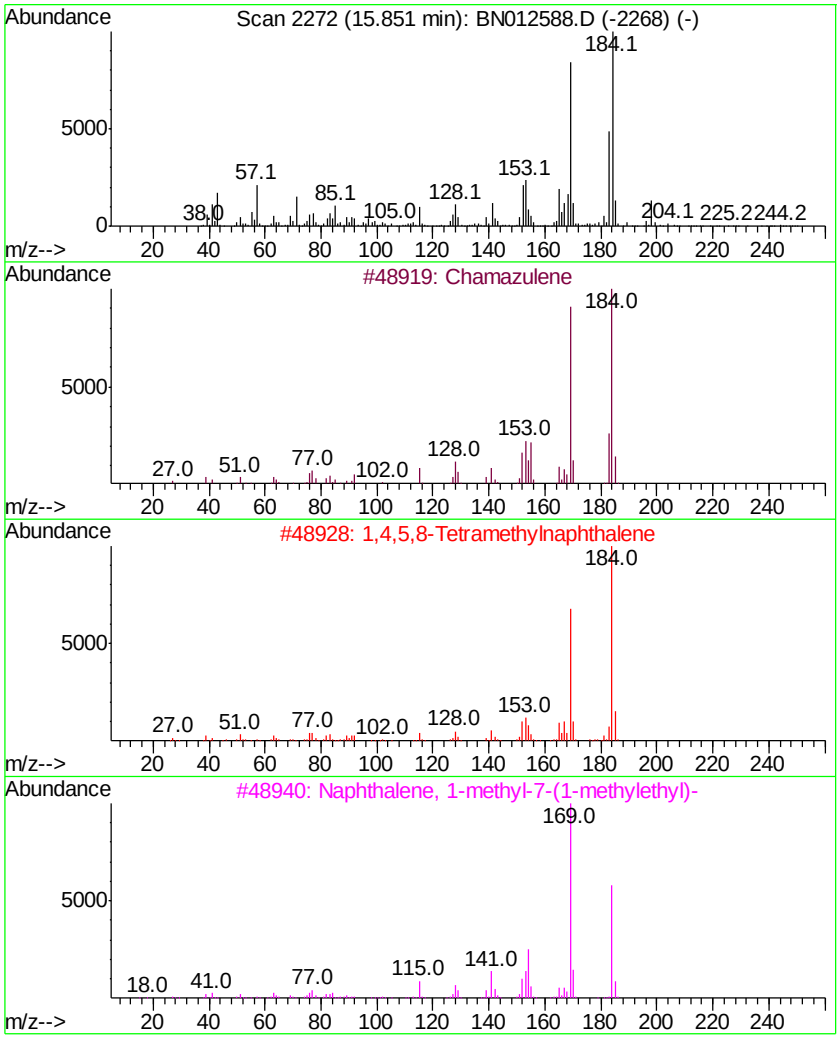
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

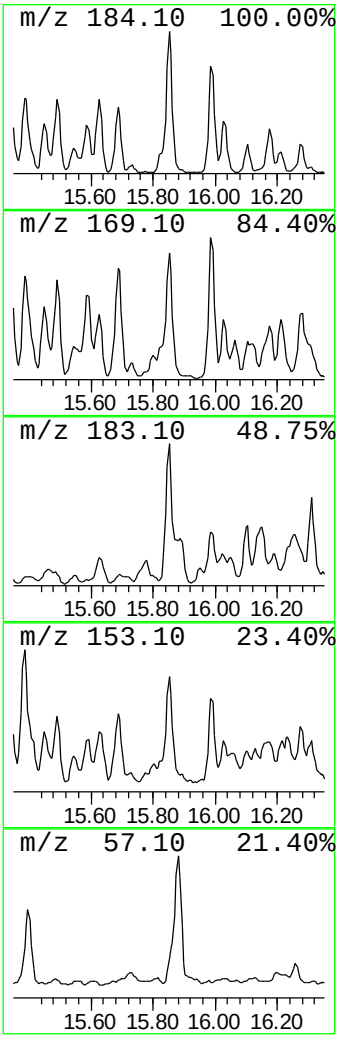
**********

Peak Number 48 Chamazulene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.85 | 44.86 ng/ul | 5055400 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Chamazulene | 184 | C14H16 | 000529-05-5 | 91 |
| 2 | 1,4,5,8-Tetramethylnaphthalene | 184 | C14H16 | 002717-39-7 | 70 |
| 3 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 64 |
| 4 | Cyclopentene, 1,2-dimethyl-4-met... | 184 | C14H16 | 1000152-22-4 | 64 |
| 5 | Naphthalene, 1,2,3,4-tetramethyl- | 184 | C14H16 | 003031-15-0 | 58 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

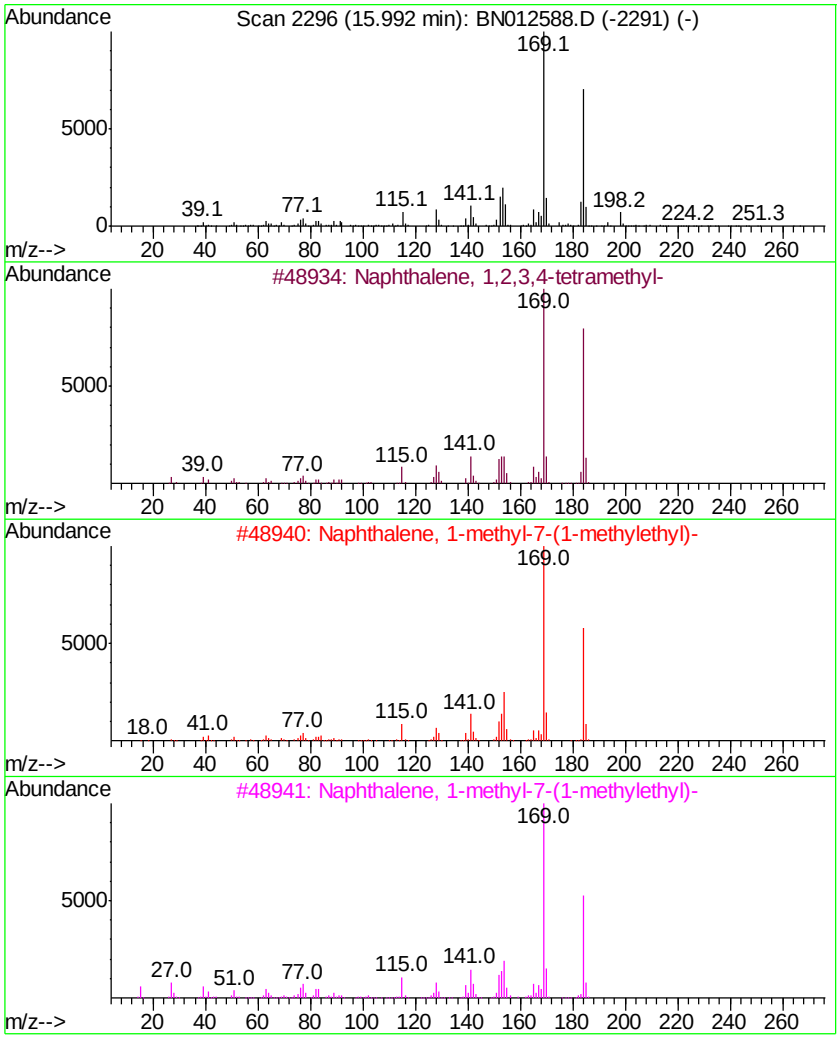
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

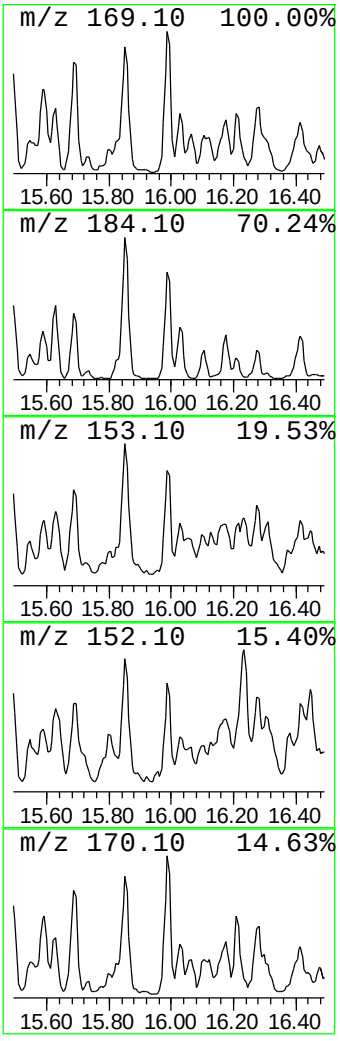
**********

Peak Number 49 Naphthalene, 1,2,3,4-tetram... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.99 | 28.07 ng/ul | 3163240 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetramethyl- | 184 | C14H16 | 003031-15-0 | 94 |
| 2 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 87 |
| 3 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 87 |
| 4 | Cyclopentene, 1,2-dimethyl-4-met... | 184 | C14H16 | 1000152-22-4 | 87 |
| 5 | Chamazulene | 184 | C14H16 | 000529-05-5 | 86 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

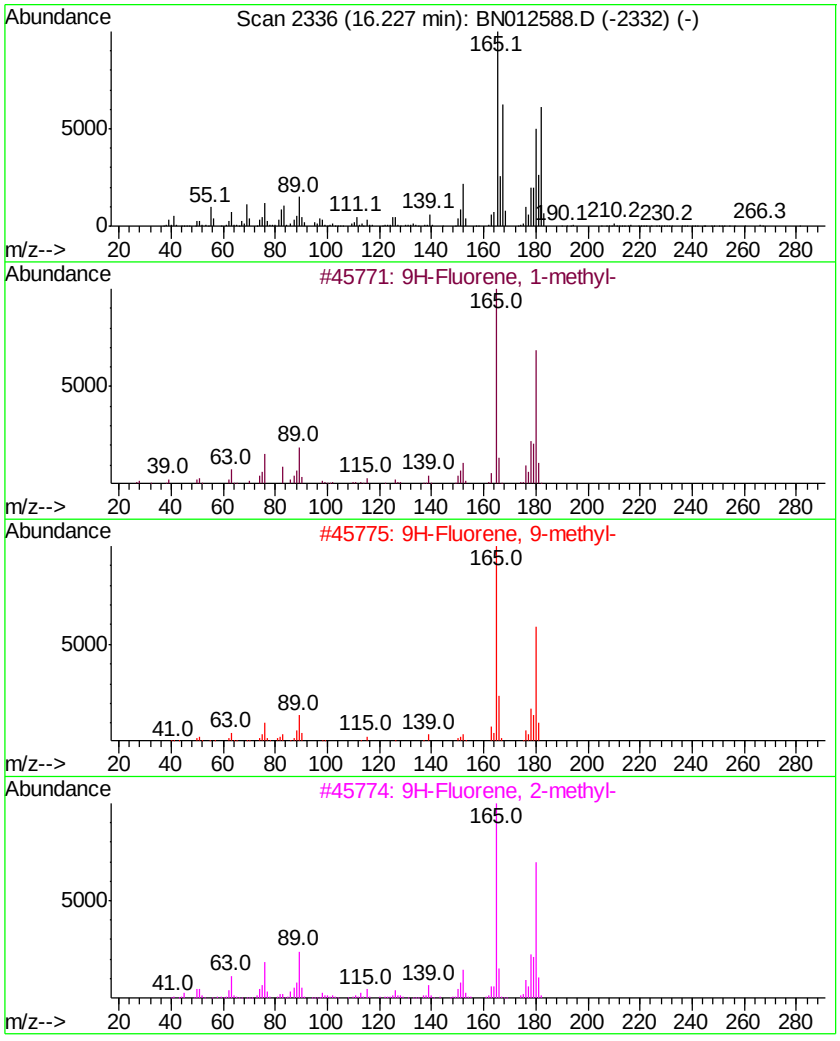
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

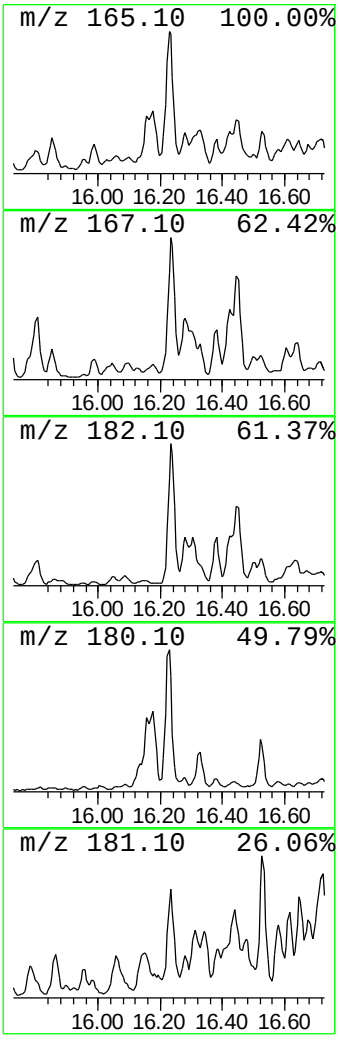
**********

Peak Number 52 9H-Fluorene, 1-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.23 | 31.72 ng/ul | 3574580 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 90 |
| 2 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 86 |
| 3 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 80 |
| 4 | Pentacyclo[6.4.0.1(1,8).1(2,7)]t... | 180 | C14H12 | 086120-84-5 | 64 |
| 5 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 50 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

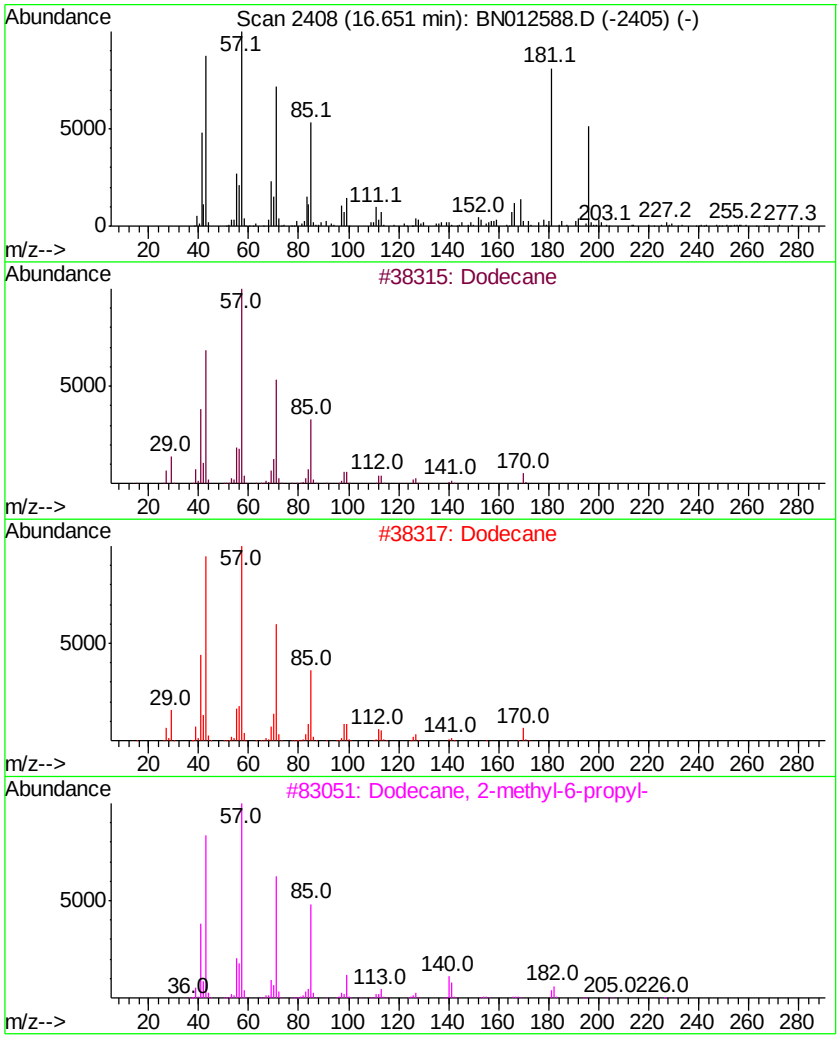
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

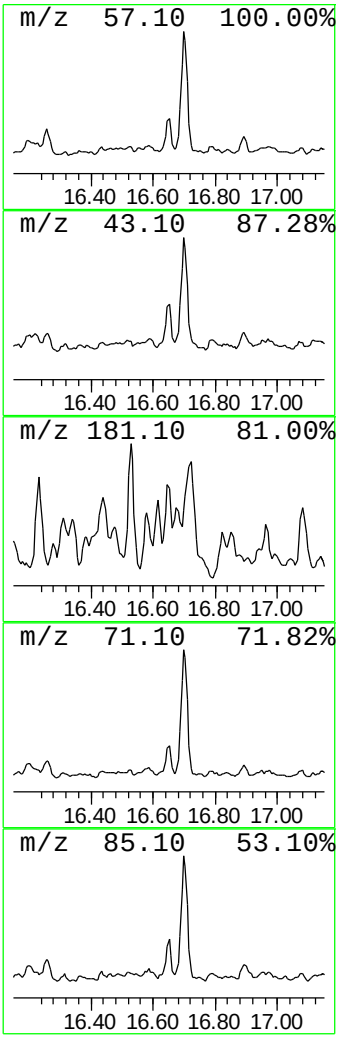
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 59

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.65 | 6.92 ng/ul | 779461 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane | 170 | C12H26 | 000112-40-3 | 35 |
| 2 | Dodecane | 170 | C12H26 | 000112-40-3 | 35 |
| 3 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 35 |
| 4 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 30 |
| 5 | Benzeneacetic acid, 2-tetradecyl... | 332 | C22H36O2 | 1000282-02-4 | 30 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

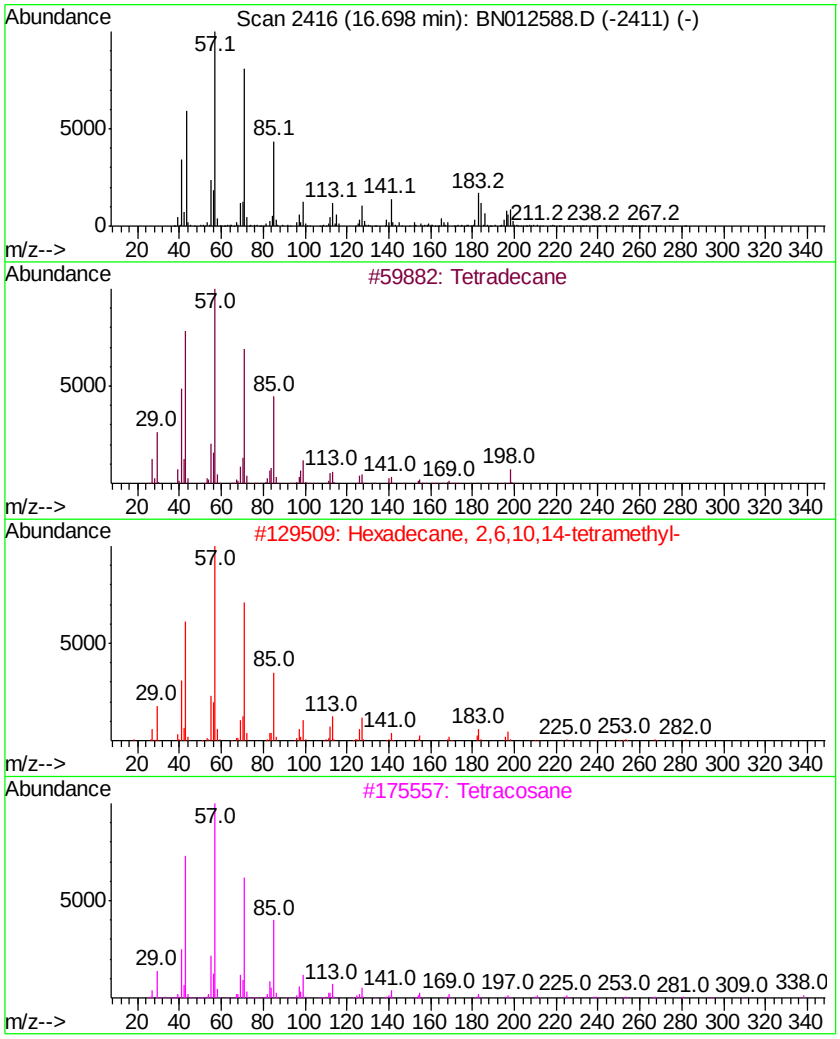
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

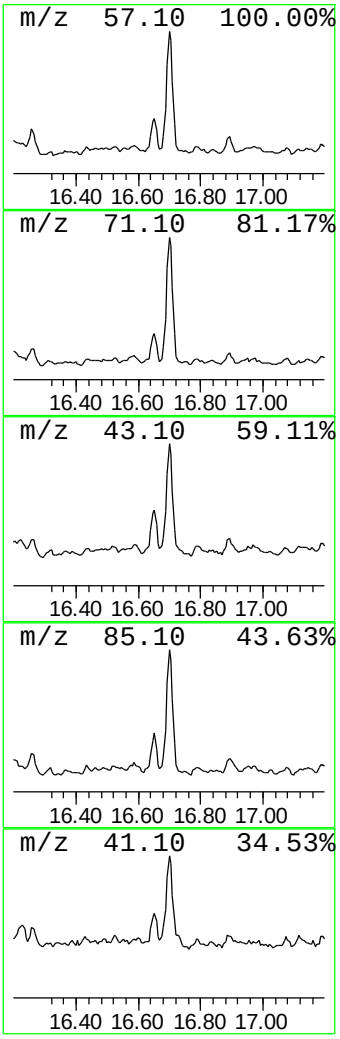
**********

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.70 | 57.16 ng/ul | 6441390 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 89 |
| 2 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 72 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 72 |
| 4 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 70 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 68 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

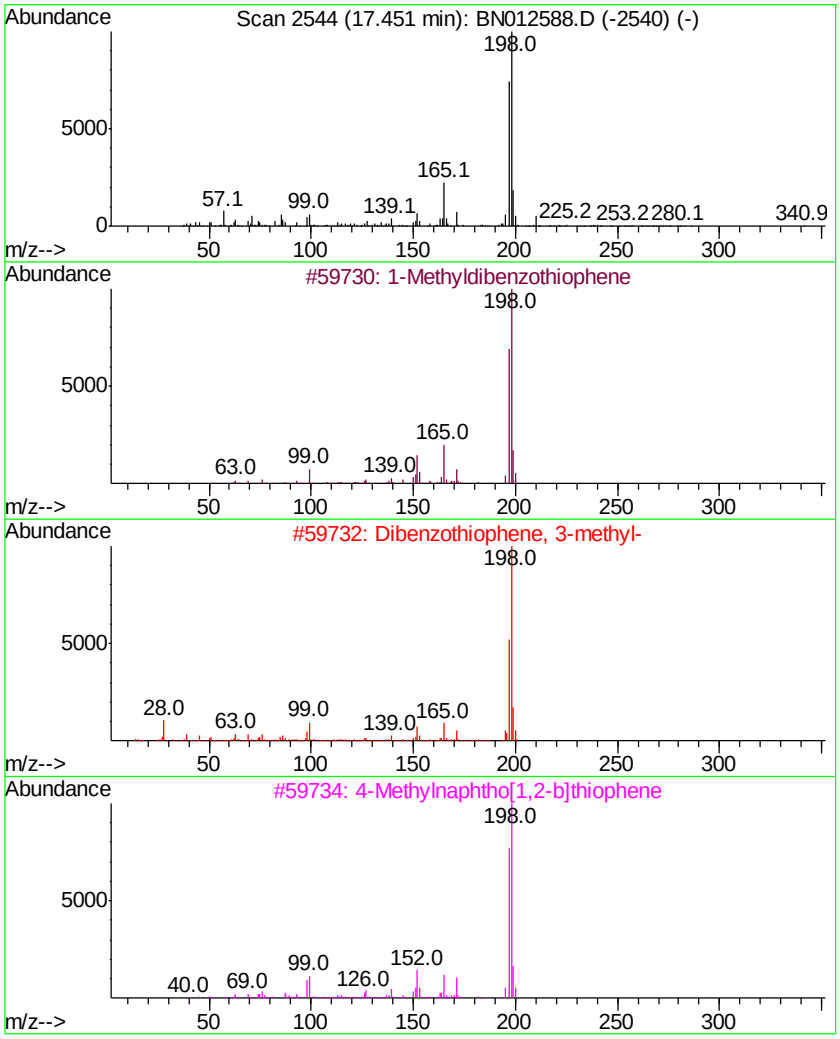
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

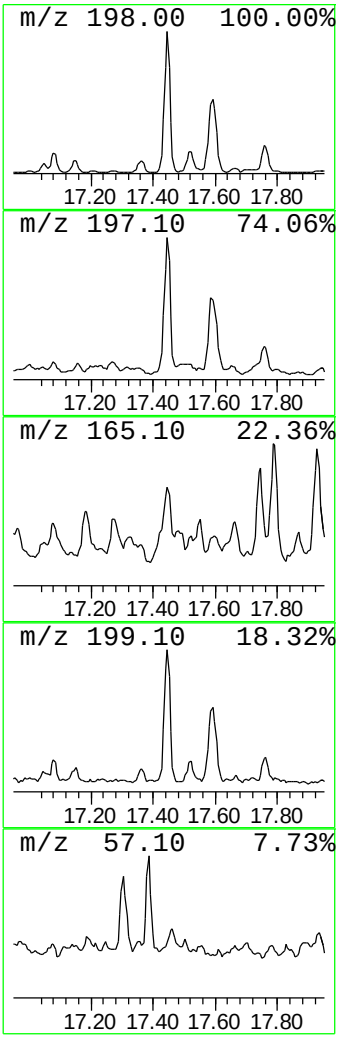
**********

Peak Number 59 1-Methyldibenzothiophene Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.45 | 18.19 ng/ul | 2049470 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Methyldibenzothiophene | 198 | C13H10S | 031317-07-4 | 93 |
| 2 | Dibenzothiophene, 3-methyl- | 198 | C13H10S | 016587-52-3 | 91 |
| 3 | 4-Methylnaphtho[1,2-b]thiophene | 198 | C13H10S | 067388-11-8 | 90 |
| 4 | Thioxanthene | 198 | C13H10S | 000261-31-4 | 89 |
| 5 | Dibenzothiophene, 4-methyl- | 198 | C13H10S | 007372-88-5 | 87 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

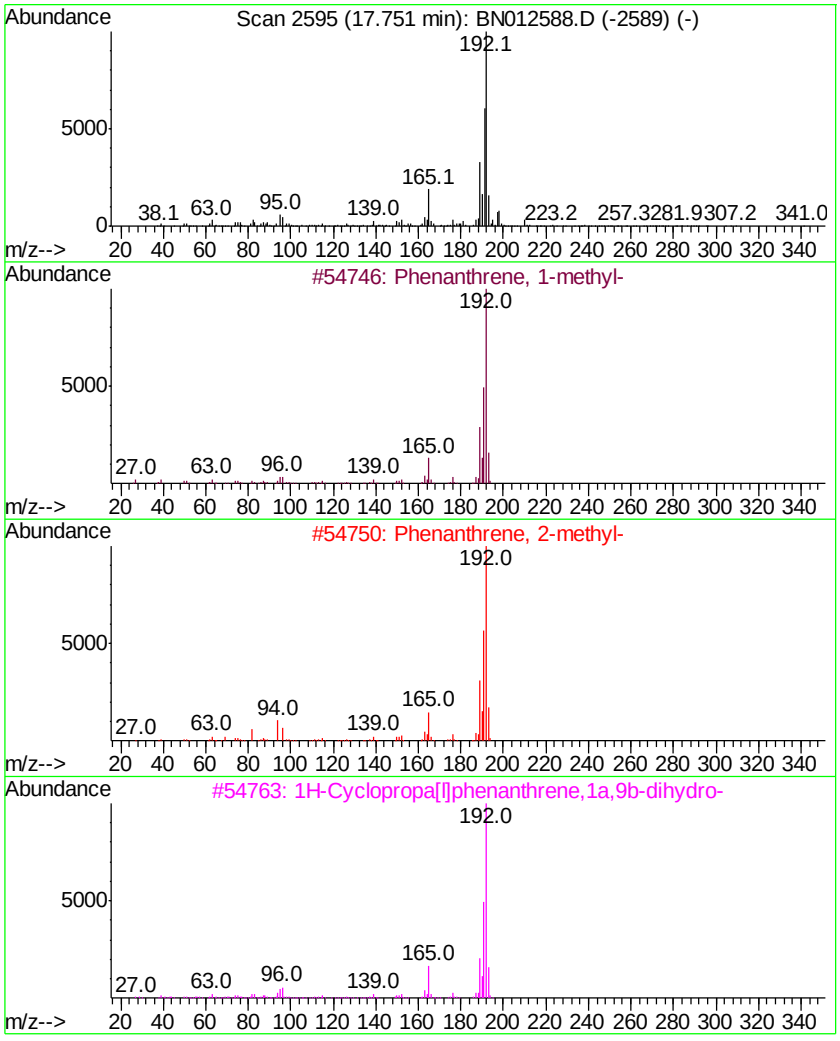
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

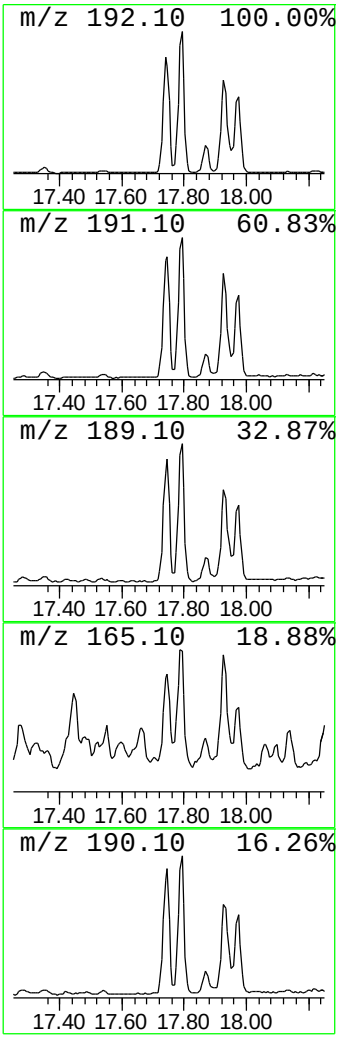
**********

Peak Number 61 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.75 | 42.04 ng/ul | 4737810 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |
| 4 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 95 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 94 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

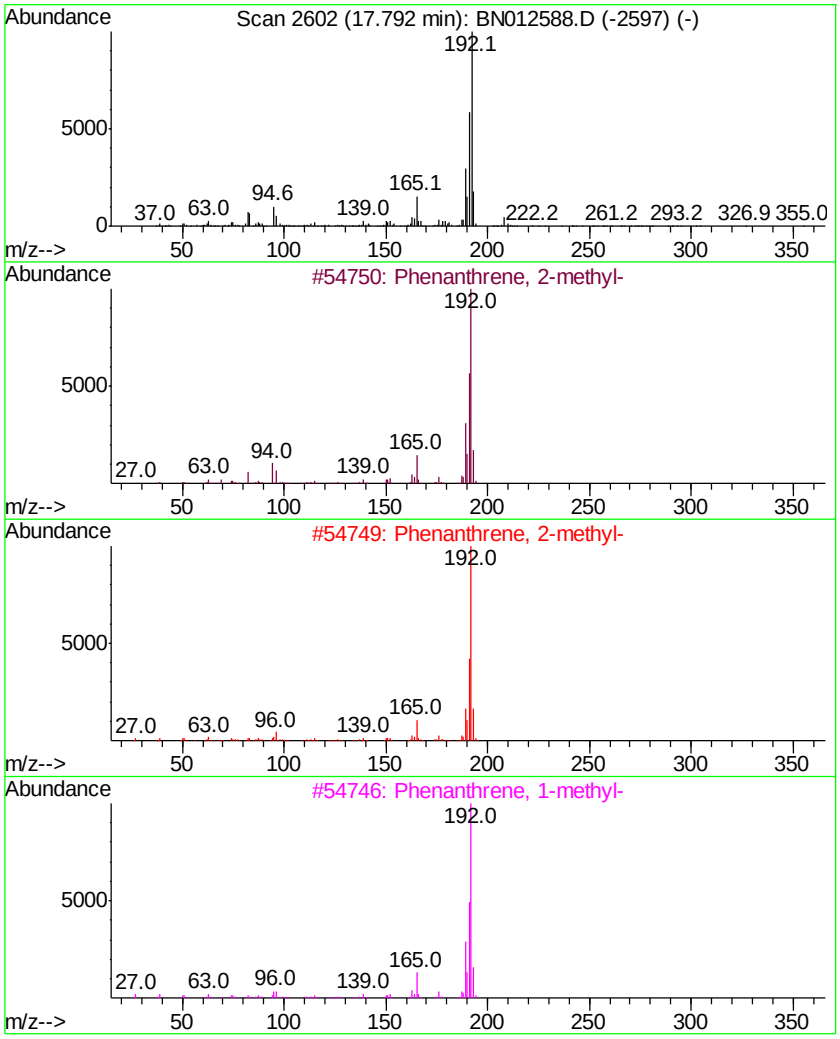
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

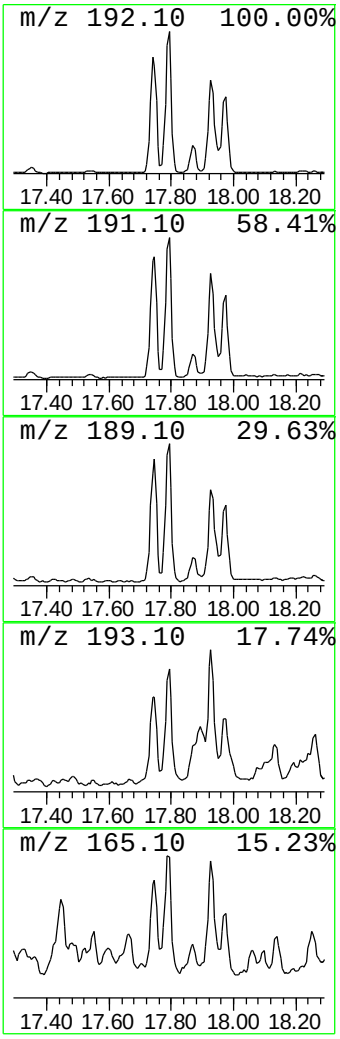
**********

Peak Number 62 Anthracene, 2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.79 | 61.08 ng/ul | 6883550 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 98 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 97 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 96 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 95 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

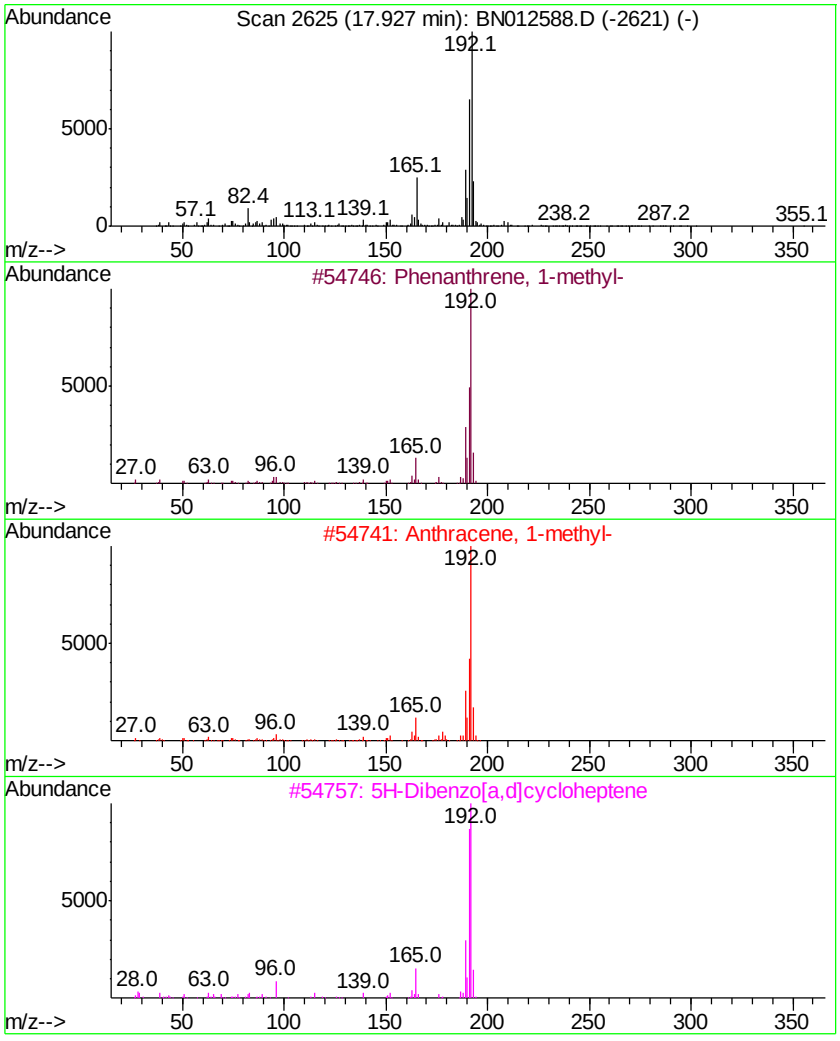
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

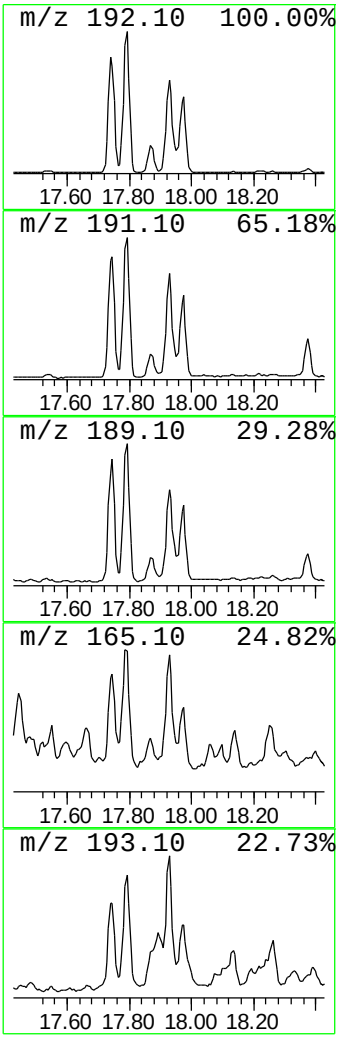
**********

Peak Number 64 Anthracene, 1-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.93 | 49.27 ng/ul | 5552150 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 2 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 94 |
| 3 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 94 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 93 |
| 5 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 93 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

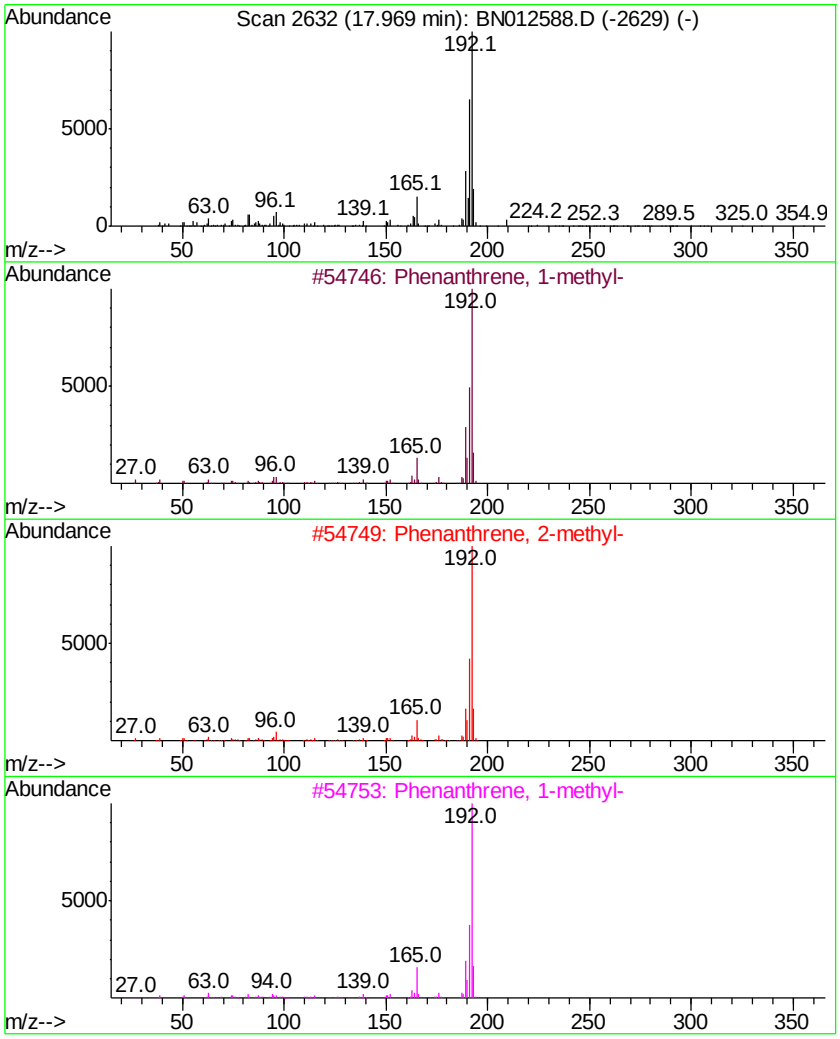
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

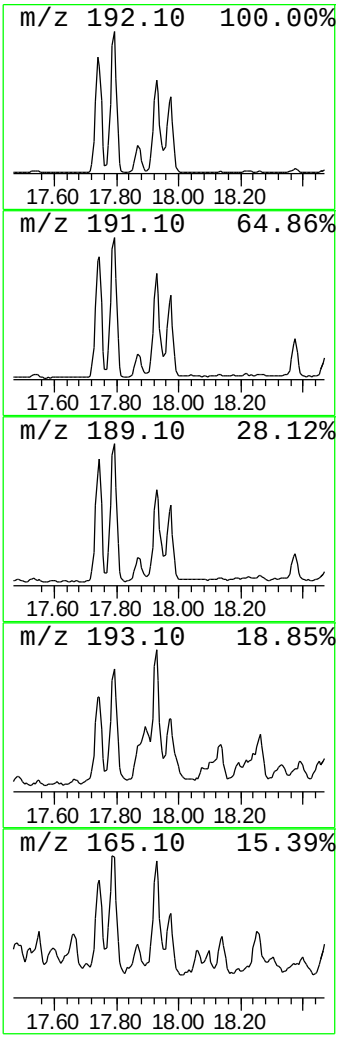
**********

Peak Number 65 Phenanthrene, 1-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.97 | 32.16 ng/ul | 3623780 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 94 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 94 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

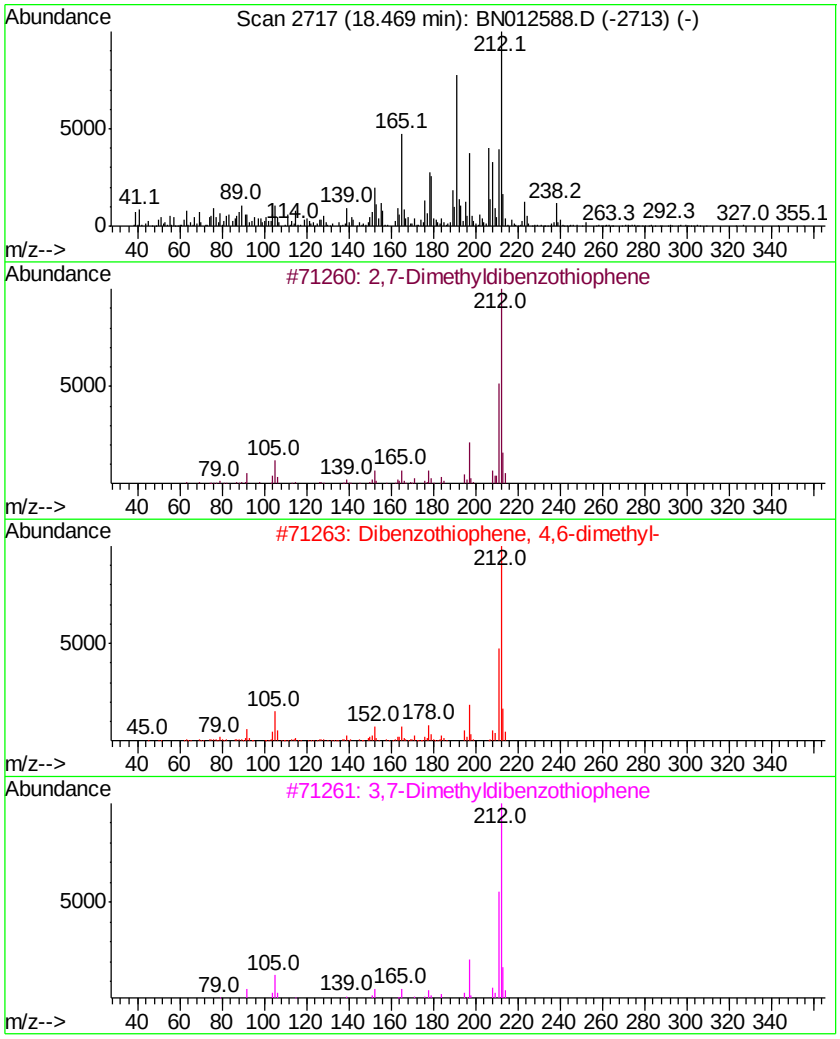
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

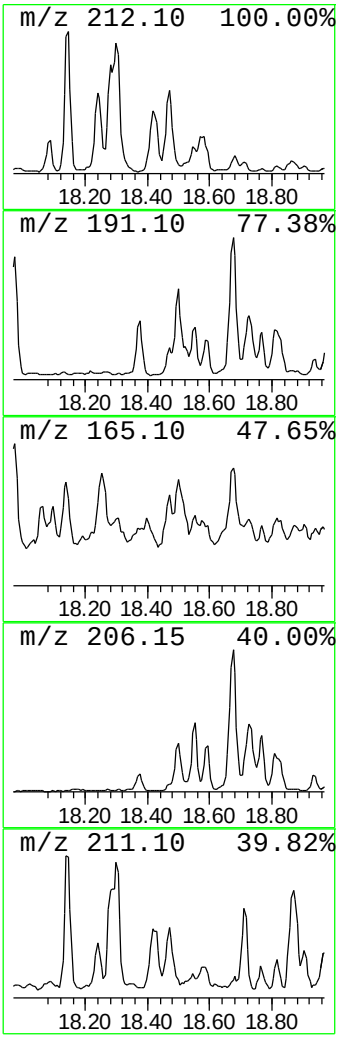
**********

Peak Number 69 2,7-Dimethyldibenzothiophene Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.47 | 15.68 ng/ul | 1766770 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,7-Dimethyldibenzothiophene | 212 | C14H12S | 031317-19-8 | 62 |
| 2 | Dibenzothiophene, 4,6-dimethyl- | 212 | C14H12S | 001207-12-1 | 42 |
| 3 | 3,7-Dimethyldibenzothiophene | 212 | C14H12S | 001136-85-2 | 38 |
| 4 | Anthracene, 9-ethyl- | 206 | C16H14 | 000605-83-4 | 38 |
| 5 | 2,5-Dimethyl-4-(3-amino-4-methyl... | 212 | C14H16N2 | 071153-33-8 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

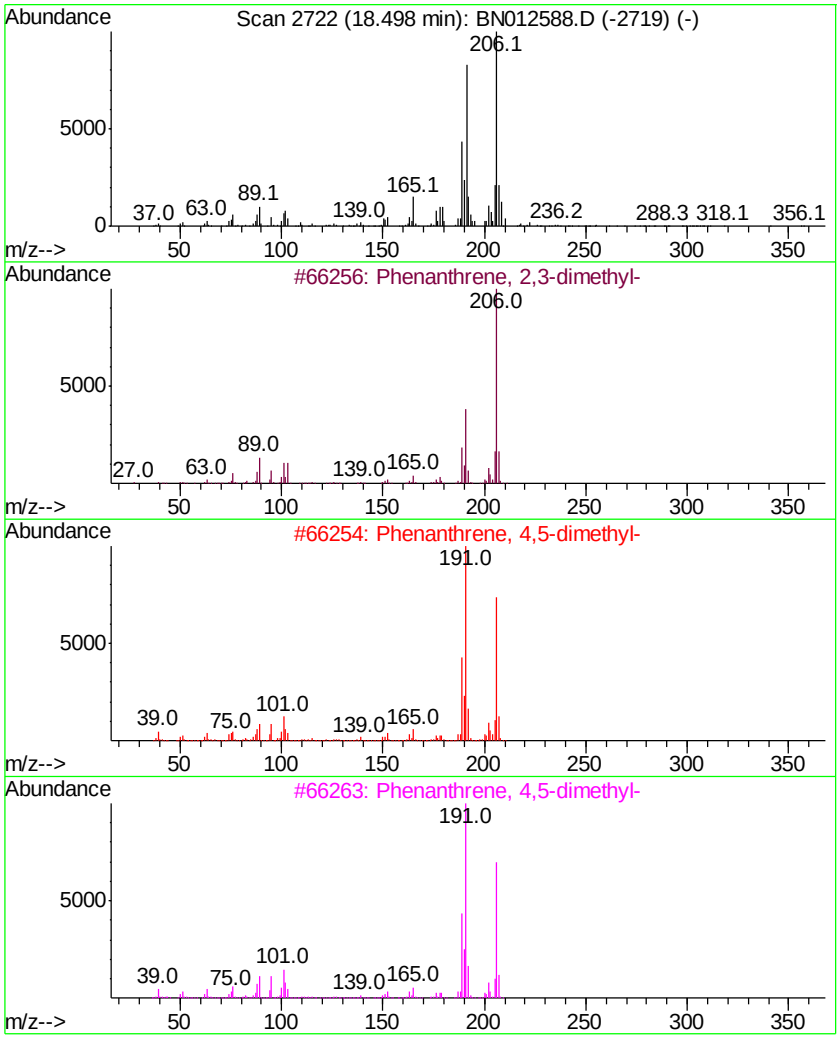
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

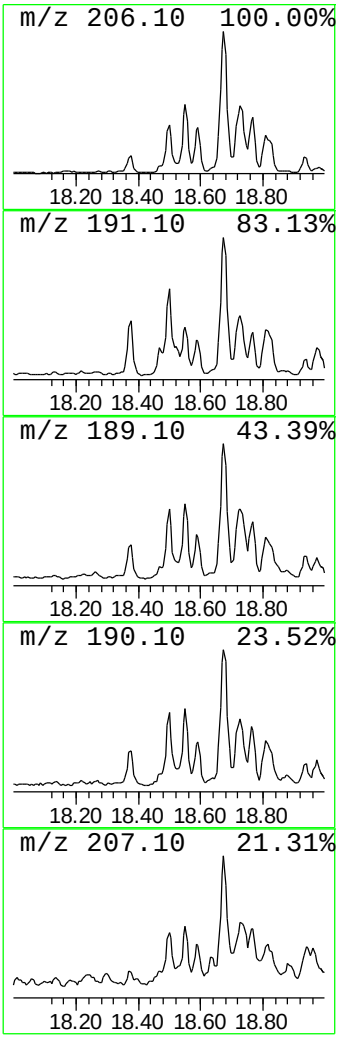
**********

Peak Number 70 Phenanthrene, 2,3-dimethyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.50 | 19.10 ng/ul | 2152210 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 93 |
| 2 | Phenanthrene, 4,5-dimethyl- | 206 | C16H14 | 003674-69-9 | 91 |
| 3 | Phenanthrene, 4,5-dimethyl- | 206 | C16H14 | 003674-69-9 | 91 |
| 4 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 91 |
| 5 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

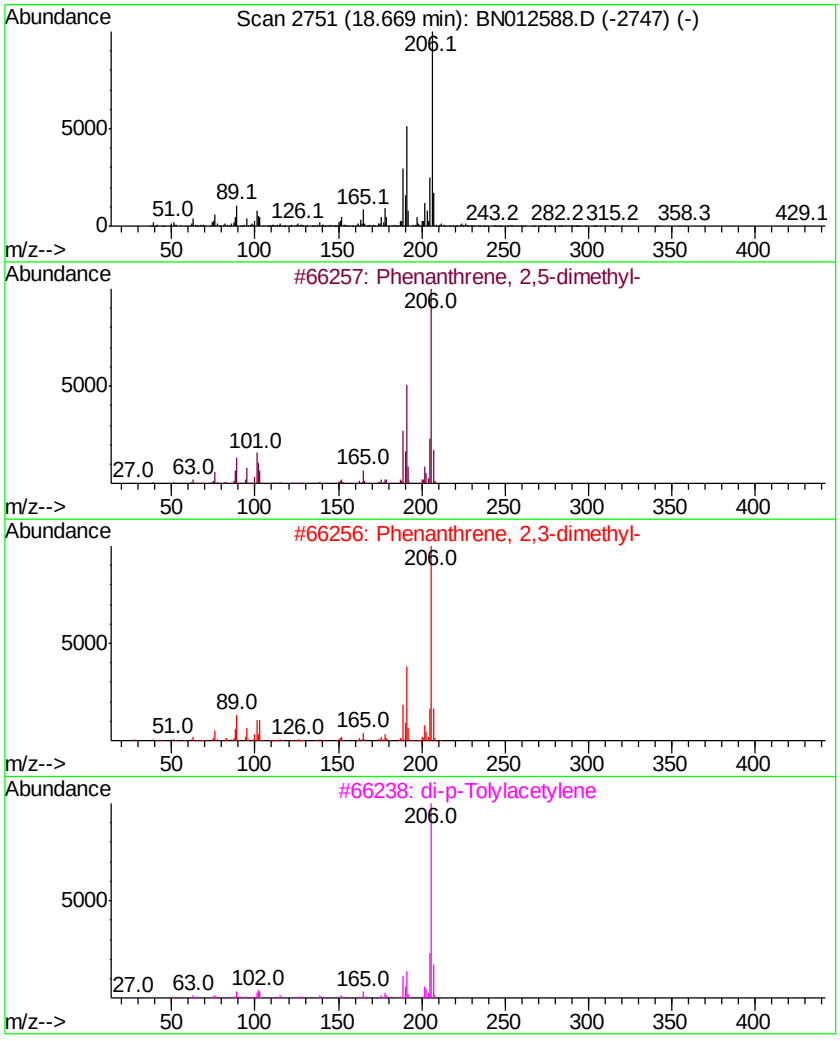
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

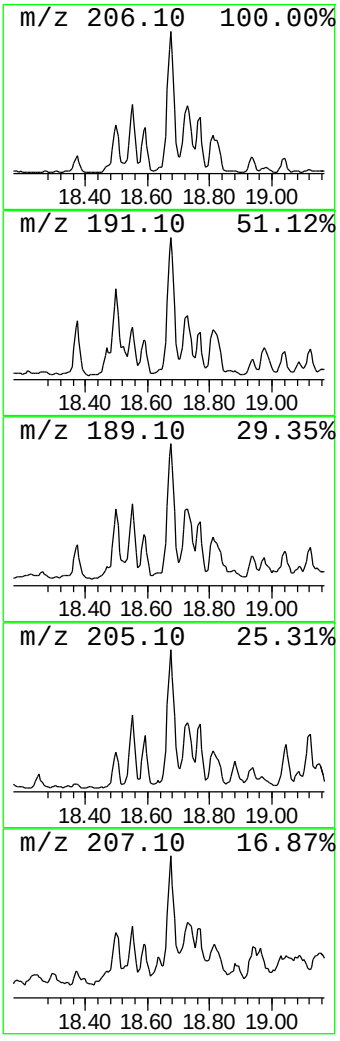
**********

Peak Number 72 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.67 | 52.84 ng/ul | 5954080 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 97 |
| 2 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 93 |
| 3 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 93 |
| 4 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 91 |
| 5 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

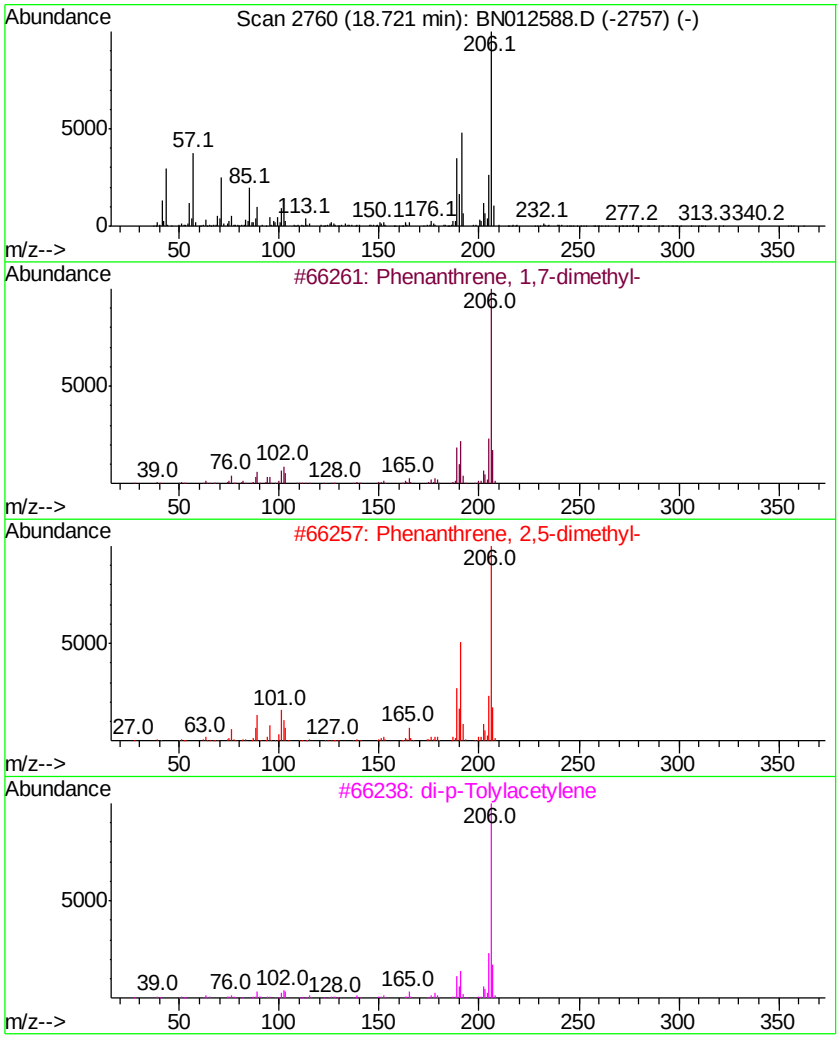
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

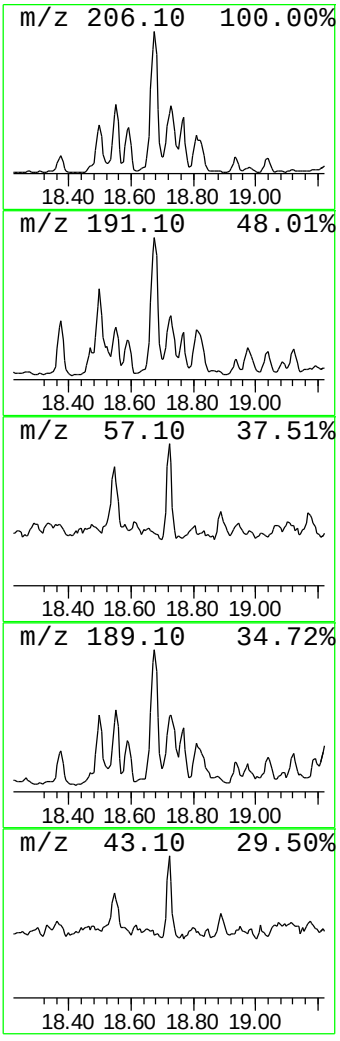
**********

Peak Number 73 Phenanthrene, 1,7-dimethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.72 | 28.60 ng/ul | 3222850 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 90 |
| 2 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 74 |
| 3 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 74 |
| 4 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 70 |
| 5 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 70 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

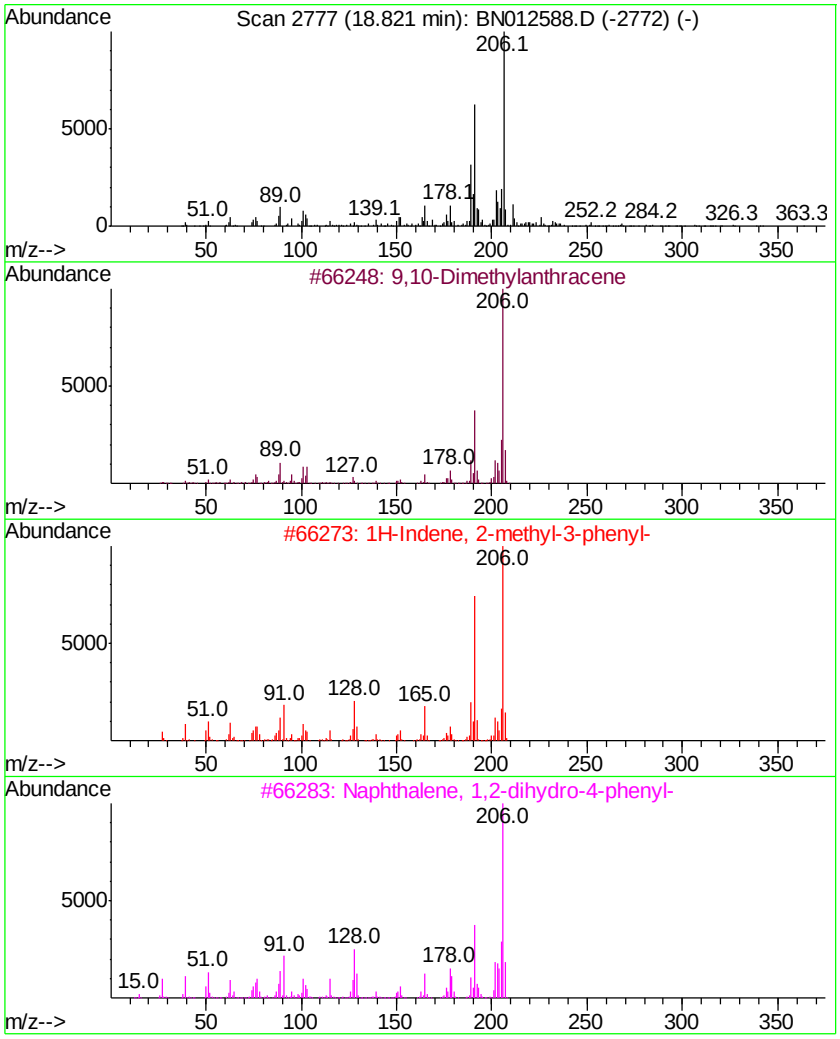
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

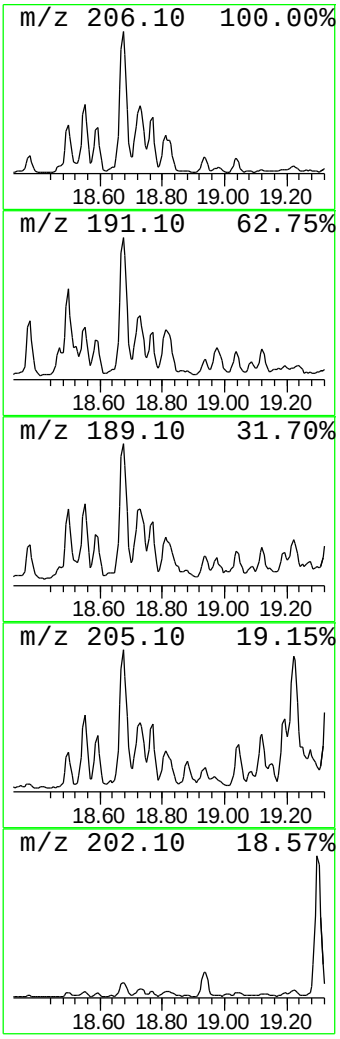
**********

Peak Number 75 9,10-Dimethylanthracene Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.82 | 16.48 ng/ul | 1856990 | Phenanthrene-d10 | 16.86 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 93 |
| 2 | 1H-Indene, 2-methyl-3-phenyl- | 206 | C16H14 | 035099-60-6 | 89 |
| 3 | Naphthalene, 1,2-dihydro-4-phenyl- | 206 | C16H14 | 007469-40-1 | 86 |
| 4 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 83 |
| 5 | Phenanthrene, 4,5-dimethyl- | 206 | C16H14 | 003674-69-9 | 81 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

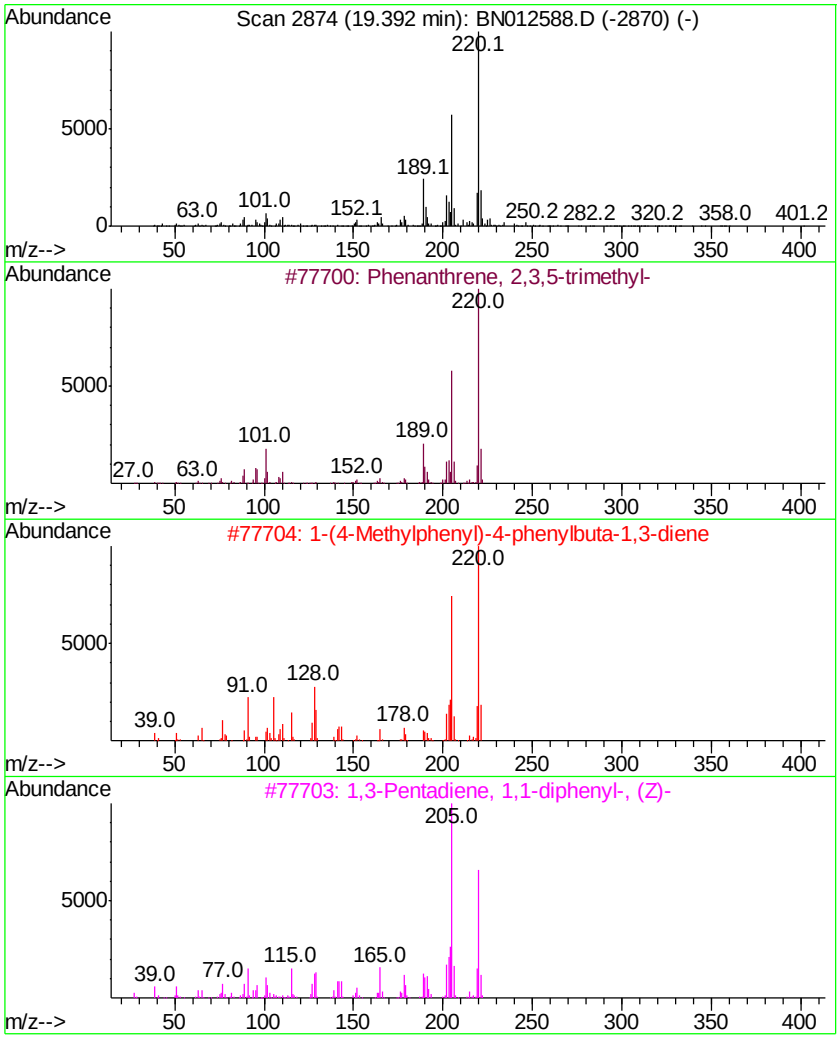
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

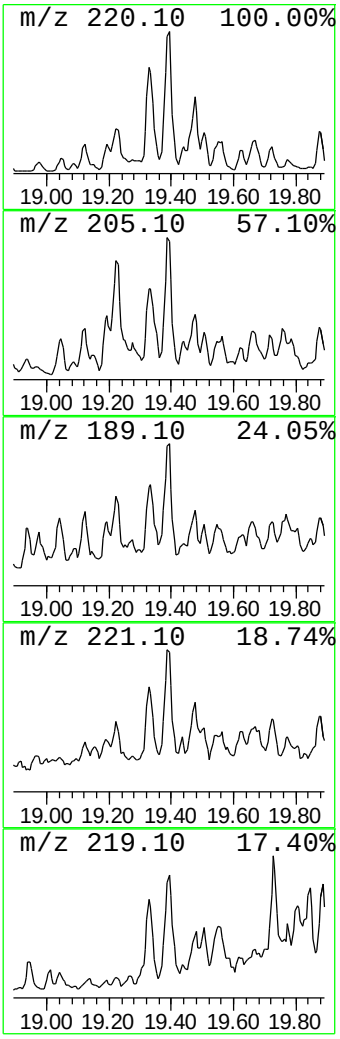
**********

Peak Number 76 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.39 | 43.31 ng/ul | 3002310 | Chrysene-d12 | 21.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,3,5-trimethyl- | 220 | C17H16 | 003674-73-5 | 94 |
| 2 | 1-(4-Methylphenyl)-4-phenylbuta-... | 220 | C17H16 | 037985-11-8 | 91 |
| 3 | 1,3-Pentadiene, 1,1-diphenyl-, (Z)- | 220 | C17H16 | 015295-31-5 | 83 |
| 4 | 1-(Hydroxy-phenyl-methyl)-2-meth... | 408 | C27H36O3 | 108546-86-7 | 59 |
| 5 | Benzo[b]dihydropyran, 6-hydroxy-... | 220 | C14H20O2 | 050442-70-1 | 53 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

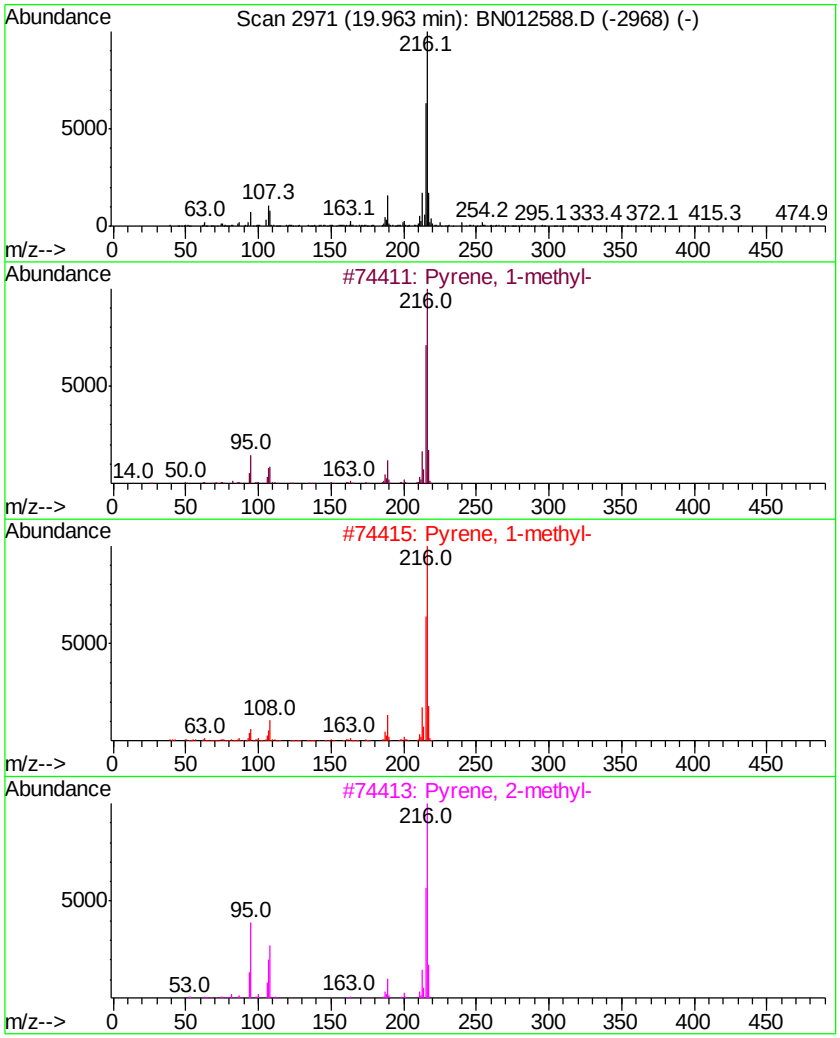
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

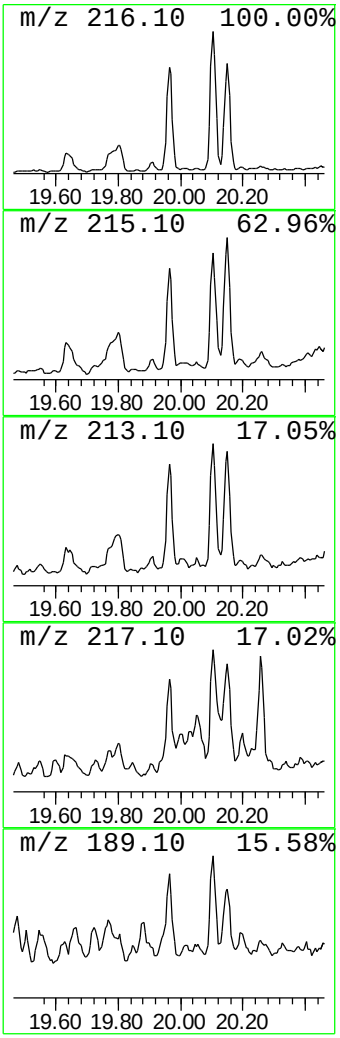
**********

Peak Number 77 Pyrene, 1-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.96 | 27.22 ng/ul | 1887320 | Chrysene-d12 | 21.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 97 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 94 |
| 3 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 93 |
| 4 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 93 |
| 5 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

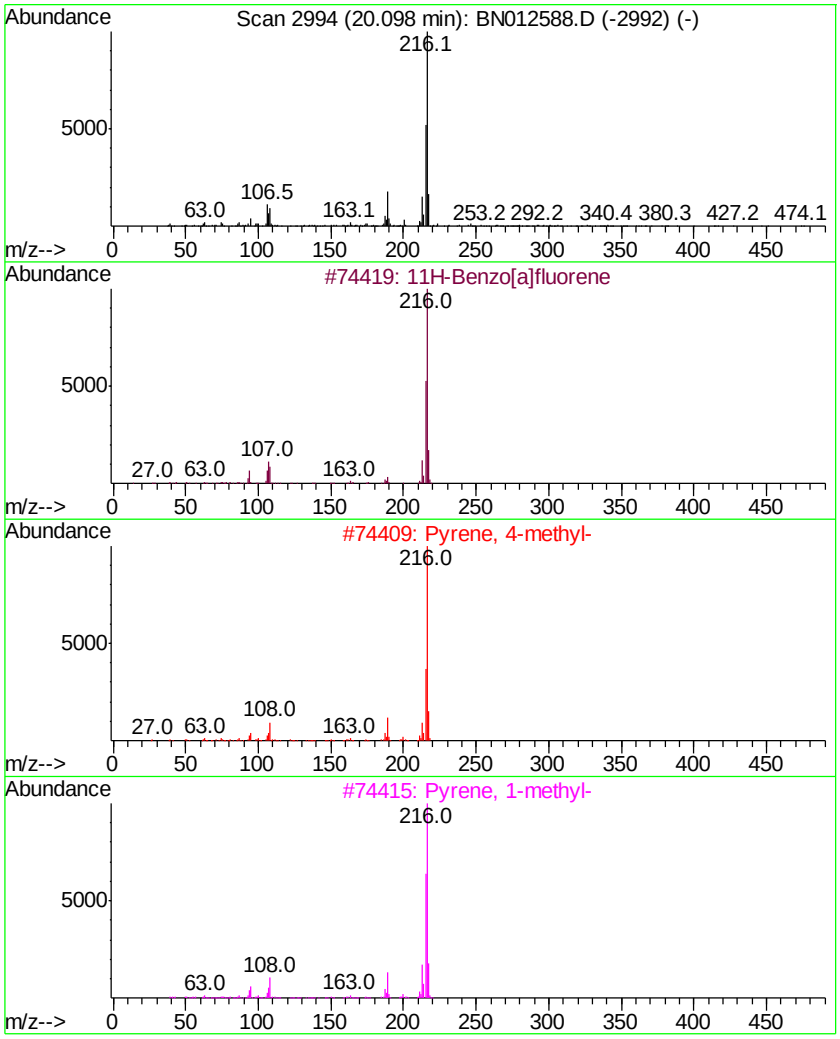
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

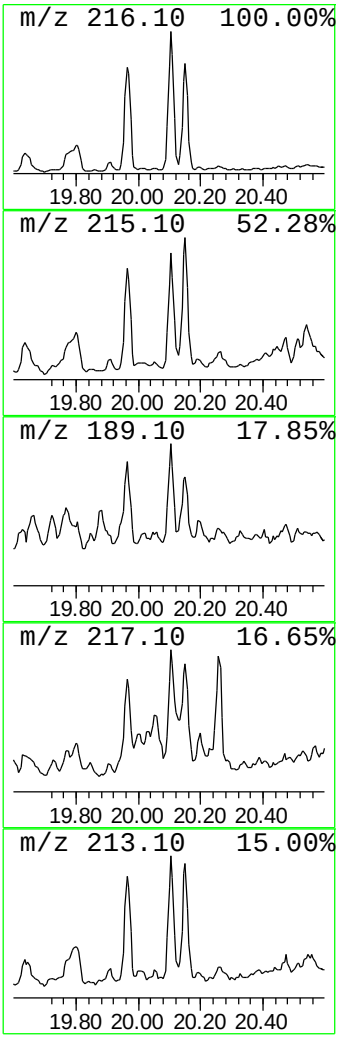
**********

Peak Number 78 11H-Benzo[a]fluorene Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.10 | 20.00 ng/ul | 1386540 | Chrysene-d12 | 21.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 94 |
| 2 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 93 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 93 |
| 4 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 89 |
| 5 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111720\
Data File : BN012588.D
Acq On : 17 Nov 2020 15:18
Operator : CG/JU
Sample : L4762-08DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** C0AC3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.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 |
| Benzene, 1-ethyl-... | 8.55 | 18.0 | ng/ul | 1121600 | 1 | 7.46 | 1243750 | 20.0 |
| (DEL) Alkane: Cyc... | 10.71 | 5.0 | ng/ul | 1022820 | 2 | 10.22 | 4065440 | 20.0 |
| (DEL) Alkane: Str... | 10.89 | 4.1 | ng/ul | 832503 | 2 | 10.22 | 4065440 | 20.0 |
| (DEL) Alkane: Cyc... | 11.27 | 10.3 | ng/ul | 2099410 | 2 | 10.22 | 4065440 | 20.0 |
| (DEL) Alkane: Str... | 11.51 | 6.5 | ng/ul | 1320330 | 2 | 10.22 | 4065440 | 20.0 |
| Naphthalene, 1-me... | 12.12 | 22.4 | ng/ul | 4555450 | 2 | 10.22 | 4065440 | 20.0 |
| (DEL) Alkane: Str... | 12.65 | 4.3 | ng/ul | 1157540 | 3 | 14.11 | 5376560 | 20.0 |
| Naphthalene, 1,7-... | 13.27 | 21.6 | ng/ul | 5819770 | 3 | 14.11 | 5376560 | 20.0 |
| Naphthalene, 2,6-... | 13.43 | 48.9 | ng/ul | 13132500 | 3 | 14.11 | 5376560 | 20.0 |
| Naphthalene, 2,3-... | 13.67 | 18.1 | ng/ul | 4859770 | 3 | 14.11 | 5376560 | 20.0 |
| Naphthalene, 1,4,... | 14.52 | 35.8 | ng/ul | 9614120 | 3 | 14.11 | 5376560 | 20.0 |
| unknown-01 | 14.60 | 30.4 | ng/ul | 8184280 | 3 | 14.11 | 5376560 | 20.0 |
| Naphthalene, 1,6,... | 14.75 | 27.3 | ng/ul | 7336040 | 3 | 14.11 | 5376560 | 20.0 |
| Naphthalene, 2,3,... | 14.80 | 19.6 | ng/ul | 5277070 | 3 | 14.11 | 5376560 | 20.0 |
| Naphthalene, 1,4,... | 14.91 | 22.5 | ng/ul | 6038500 | 3 | 14.11 | 5376560 | 20.0 |
| Benzene, (4,5,5-t... | 15.39 | 20.9 | ng/ul | 5627450 | 3 | 14.11 | 5376560 | 20.0 |
| Cyclopentene, 1,2... | 15.49 | 23.6 | ng/ul | 2663650 | 4 | 16.86 | 2253820 | 20.0 |
| 1,4,5,8-Tetrameth... | 15.63 | 20.2 | ng/ul | 2281220 | 4 | 16.86 | 2253820 | 20.0 |
| Naphthalene, 1-me... | 15.69 | 24.5 | ng/ul | 2759870 | 4 | 16.86 | 2253820 | 20.0 |
| Chamazulene | 15.85 | 44.9 | ng/ul | 5055400 | 4 | 16.86 | 2253820 | 20.0 |
| Naphthalene, 1,2,... | 15.99 | 28.1 | ng/ul | 3163240 | 4 | 16.86 | 2253820 | 20.0 |
| 9H-Fluorene, 1-me... | 16.23 | 31.7 | ng/ul | 3574580 | 4 | 16.86 | 2253820 | 20.0 |
| (DEL) Alkane: Str... | 16.65 | 6.9 | ng/ul | 779461 | 4 | 16.86 | 2253820 | 20.0 |
| (DEL) Alkane: Str... | 16.70 | 57.2 | ng/ul | 6441390 | 4 | 16.86 | 2253820 | 20.0 |
| 1-Methyldibenzoth... | 17.45 | 18.2 | ng/ul | 2049470 | 4 | 16.86 | 2253820 | 20.0 |
| 1H-Cyclopropa[l]p... | 17.75 | 42.0 | ng/ul | 4737810 | 4 | 16.86 | 2253820 | 20.0 |
| Anthracene, 2-met... | 17.79 | 61.1 | ng/ul | 6883550 | 4 | 16.86 | 2253820 | 20.0 |
| Anthracene, 1-met... | 17.93 | 49.3 | ng/ul | 5552150 | 4 | 16.86 | 2253820 | 20.0 |
| Phenanthrene, 1-m... | 17.97 | 32.2 | ng/ul | 3623780 | 4 | 16.86 | 2253820 | 20.0 |
| 2,7-Dimethyldiben... | 18.47 | 15.7 | ng/ul | 1766770 | 4 | 16.86 | 2253820 | 20.0 |
| Phenanthrene, 2,3... | 18.50 | 19.1 | ng/ul | 2152210 | 4 | 16.86 | 2253820 | 20.0 |
| Phenanthrene, 2,5... | 18.67 | 52.8 | ng/ul | 5954080 | 4 | 16.86 | 2253820 | 20.0 |
| Phenanthrene, 1,7... | 18.72 | 28.6 | ng/ul | 3222850 | 4 | 16.86 | 2253820 | 20.0 |
| 9,10-Dimethylanth... | 18.82 | 16.5 | ng/ul | 1856990 | 4 | 16.86 | 2253820 | 20.0 |
| Phenanthrene, 2,3... | 19.39 | 43.3 | ng/ul | 3002310 | 5 | 21.08 | 1386540 | 20.0 |
| Pyrene, 1-methyl- | 19.96 | 27.2 | ng/ul | 1887320 | 5 | 21.08 | 1386540 | 20.0 |
| 11H-Benzo[a]fluorene | 20.10 | 20.0 | ng/ul | 1386540 | 5 | 21.08 | 1386540 | 20.0 |