LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026999.D
Acq On : 04 Aug 2020 11:33
Operator : JU/CG
Sample : L3531-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F4L06DL

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_M\METHODS\SOM-EPA-BM072720MA.M
Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.934 | 158 | 161 | 165 | rVB3 | 7939 | 10643 | 0.20% | 0.036% |
| 2 | 5.222 | 375 | 380 | 386 | rVB | 12065 | 17413 | 0.33% | 0.059% |
| 3 | 5.352 | 397 | 402 | 409 | rVB4 | 5668 | 11434 | 0.22% | 0.039% |
| 4 | 6.769 | 638 | 643 | 649 | rBV2 | 10179 | 15048 | 0.29% | 0.051% |
| 5 | 6.834 | 649 | 654 | 662 | rVV2 | 24507 | 40008 | 0.76% | 0.136% |
| 6 | 6.899 | 662 | 665 | 672 | rVB | 9320 | 13693 | 0.26% | 0.047% |
| 7 | 6.998 | 676 | 682 | 689 | rBV | 56104 | 88013 | 1.67% | 0.300% |
| 8 | 7.069 | 689 | 694 | 700 | rVB2 | 9891 | 14201 | 0.27% | 0.048% |
| 9 | 7.198 | 710 | 716 | 724 | rBV | 67922 | 104802 | 1.99% | 0.357% |
| 10 | 7.322 | 731 | 737 | 745 | rBV | 30155 | 45896 | 0.87% | 0.156% |
| 11 | 7.657 | 787 | 794 | 801 | rBV | 380282 | 605089 | 11.49% | 2.061% |
| 12 | 7.781 | 809 | 815 | 825 | rVB | 20511 | 33282 | 0.63% | 0.113% |
| 13 | 8.034 | 851 | 858 | 864 | rBV | 37815 | 58241 | 1.11% | 0.198% |
| 14 | 8.193 | 882 | 885 | 894 | rVB5 | 11005 | 24601 | 0.47% | 0.084% |
| 15 | 8.304 | 899 | 904 | 908 | rBV2 | 17487 | 26233 | 0.50% | 0.089% |
| 16 | 8.363 | 908 | 914 | 920 | rVB | 61057 | 96066 | 1.82% | 0.327% |
| 17 | 8.463 | 927 | 931 | 939 | rVB2 | 7777 | 12559 | 0.24% | 0.043% |
| 18 | 8.616 | 950 | 957 | 961 | rBV | 12758 | 19950 | 0.38% | 0.068% |
| 19 | 8.669 | 961 | 966 | 972 | rVV | 10032 | 16602 | 0.32% | 0.057% |
| 20 | 8.769 | 974 | 983 | 984 | rVV2 | 17649 | 26331 | 0.50% | 0.090% |
| 21 | 8.798 | 984 | 988 | 993 | rVV | 86761 | 145980 | 2.77% | 0.497% |
| 22 | 8.840 | 993 | 995 | 1002 | rVB2 | 16962 | 24037 | 0.46% | 0.082% |
| 23 | 9.092 | 1032 | 1038 | 1043 | rBV2 | 9252 | 17792 | 0.34% | 0.061% |
| 24 | 9.287 | 1065 | 1071 | 1075 | rVB | 9799 | 14151 | 0.27% | 0.048% |
| 25 | 9.340 | 1075 | 1080 | 1086 | rBV2 | 16956 | 26472 | 0.50% | 0.090% |
| 26 | 9.516 | 1105 | 1110 | 1120 | rBV | 64130 | 112761 | 2.14% | 0.384% |
| 27 | 9.698 | 1135 | 1141 | 1151 | rVV2 | 20630 | 37897 | 0.72% | 0.129% |
| 28 | 9.845 | 1154 | 1166 | 1172 | rBV2 | 48376 | 93489 | 1.77% | 0.318% |
| 29 | 9.922 | 1174 | 1179 | 1187 | rVV6 | 8162 | 15572 | 0.30% | 0.053% |
| 30 | 10.063 | 1195 | 1203 | 1211 | rVV3 | 135106 | 310842 | 5.90% | 1.059% |
| 31 | 10.434 | 1256 | 1266 | 1269 | rBV | 544265 | 912409 | 17.32% | 3.108% |
| 32 | 10.486 | 1269 | 1275 | 1284 | rVV | 2802101 | 4641485 | 88.10% | 15.808% |
| 33 | 10.557 | 1284 | 1287 | 1288 | rVV2 | 13774 | 14656 | 0.28% | 0.050% |
| 34 | 10.598 | 1288 | 1294 | 1303 | rVV | 98160 | 170206 | 3.23% | 0.580% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026999.D
Acq On : 04 Aug 2020 11:33
Operator : JU/CG
Sample : L3531-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F4L06DL

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_M\METHODS\SOM-EPA-BM072720MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 11.022 | 1354 | 1366 | 1367 | rBV8 | 6494 | 13375 | 0.25% | 0.046% |
| 36 | 11.351 | 1417 | 1422 | 1427 | rVB3 | 9282 | 16703 | 0.32% | 0.057% |
| 37 | 11.545 | 1451 | 1455 | 1461 | rVB3 | 9963 | 16548 | 0.31% | 0.056% |
| 38 | 11.628 | 1464 | 1469 | 1473 | rBV4 | 15070 | 25387 | 0.48% | 0.086% |
| 39 | 11.810 | 1496 | 1500 | 1511 | rVB6 | 12227 | 28086 | 0.53% | 0.096% |
| 40 | 11.992 | 1525 | 1531 | 1539 | rVB | 41710 | 70315 | 1.33% | 0.239% |
| 41 | 12.098 | 1541 | 1549 | 1557 | rBV | 630679 | 993915 | 18.87% | 3.385% |
| 42 | 12.216 | 1562 | 1569 | 1573 | rBV | 28407 | 46987 | 0.89% | 0.160% |
| 43 | 12.322 | 1573 | 1587 | 1593 | rVV | 389315 | 707815 | 13.44% | 2.411% |
| 44 | 12.733 | 1651 | 1657 | 1662 | rBV8 | 8887 | 15867 | 0.30% | 0.054% |
| 45 | 12.780 | 1662 | 1665 | 1670 | rVV6 | 13813 | 20282 | 0.38% | 0.069% |
| 46 | 12.992 | 1691 | 1701 | 1707 | rBV | 111174 | 170773 | 3.24% | 0.582% |
| 47 | 13.122 | 1718 | 1723 | 1731 | rVV | 104974 | 159763 | 3.03% | 0.544% |
| 48 | 13.204 | 1732 | 1737 | 1740 | rVV5 | 8078 | 14207 | 0.27% | 0.048% |
| 49 | 13.245 | 1740 | 1744 | 1745 | rVV4 | 12655 | 18403 | 0.35% | 0.063% |
| 50 | 13.263 | 1745 | 1747 | 1750 | rVV2 | 18558 | 26540 | 0.50% | 0.090% |
| 51 | 13.322 | 1750 | 1757 | 1767 | rVB3 | 67219 | 192923 | 3.66% | 0.657% |
| 52 | 13.463 | 1774 | 1781 | 1789 | rVB4 | 127194 | 306783 | 5.82% | 1.045% |
| 53 | 13.533 | 1789 | 1793 | 1799 | rVB3 | 15211 | 20887 | 0.40% | 0.071% |
| 54 | 13.610 | 1799 | 1806 | 1812 | rBV | 186419 | 353625 | 6.71% | 1.204% |
| 55 | 13.669 | 1812 | 1816 | 1818 | rVV | 107574 | 163088 | 3.10% | 0.555% |
| 56 | 13.704 | 1818 | 1822 | 1827 | rVV | 242650 | 337926 | 6.41% | 1.151% |
| 57 | 13.751 | 1827 | 1830 | 1835 | rVB2 | 22428 | 31549 | 0.60% | 0.107% |
| 58 | 13.851 | 1842 | 1847 | 1850 | rBV | 71785 | 110416 | 2.10% | 0.376% |
| 59 | 13.880 | 1850 | 1852 | 1858 | rVV2 | 36572 | 45414 | 0.86% | 0.155% |
| 60 | 13.980 | 1862 | 1869 | 1873 | rBV | 239573 | 363928 | 6.91% | 1.239% |
| 61 | 14.016 | 1873 | 1875 | 1880 | rVB | 61496 | 68805 | 1.31% | 0.234% |
| 62 | 14.092 | 1884 | 1888 | 1893 | rBV2 | 28763 | 40839 | 0.78% | 0.139% |
| 63 | 14.292 | 1912 | 1922 | 1928 | rBV | 830790 | 1263060 | 23.98% | 4.302% |
| 64 | 14.351 | 1928 | 1932 | 1938 | rVV | 270037 | 415436 | 7.89% | 1.415% |
| 65 | 14.416 | 1939 | 1943 | 1948 | rVV | 51705 | 80424 | 1.53% | 0.274% |
| 66 | 14.486 | 1949 | 1955 | 1965 | rVB | 39471 | 108497 | 2.06% | 0.370% |
| 67 | 14.598 | 1968 | 1974 | 1975 | rBV6 | 7738 | 11394 | 0.22% | 0.039% |
| 68 | 14.692 | 1984 | 1990 | 1998 | rVB2 | 189559 | 304557 | 5.78% | 1.037% |
| 69 | 14.774 | 1998 | 2004 | 2008 | rBV2 | 58506 | 86269 | 1.64% | 0.294% |
| 70 | 14.839 | 2008 | 2015 | 2019 | rBV | 156131 | 247223 | 4.69% | 0.842% |
| 71 | 14.874 | 2019 | 2021 | 2024 | rVV2 | 35404 | 46757 | 0.89% | 0.159% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026999.D
Acq On : 04 Aug 2020 11:33
Operator : JU/CG
Sample : L3531-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F4L06DL

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_M\METHODS\SOM-EPA-BM072720MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 14.916 | 2024 | 2028 | 2034 | rVB | 146109 | 219215 | 4.16% | 0.747% |
| 73 | 14.969 | 2034 | 2037 | 2043 | rVB3 | 25904 | 37156 | 0.71% | 0.127% |
| 74 | 15.069 | 2050 | 2054 | 2055 | rBV4 | 14458 | 16696 | 0.32% | 0.057% |
| 75 | 15.121 | 2060 | 2063 | 2067 | rVB4 | 18563 | 24463 | 0.46% | 0.083% |
| 76 | 15.286 | 2085 | 2091 | 2096 | rVV | 312774 | 442804 | 8.41% | 1.508% |
| 77 | 15.339 | 2096 | 2100 | 2105 | rVB | 148457 | 209425 | 3.98% | 0.713% |
| 78 | 15.421 | 2105 | 2114 | 2119 | rBV | 1060931 | 1566608 | 29.74% | 5.336% |
| 79 | 15.463 | 2119 | 2121 | 2125 | rVV | 39170 | 55505 | 1.05% | 0.189% |
| 80 | 15.498 | 2125 | 2127 | 2131 | rVV5 | 16346 | 23462 | 0.45% | 0.080% |
| 81 | 15.563 | 2134 | 2138 | 2140 | rVB3 | 12677 | 15812 | 0.30% | 0.054% |
| 82 | 16.010 | 2208 | 2214 | 2221 | rVB5 | 38515 | 79628 | 1.51% | 0.271% |
| 83 | 16.221 | 2248 | 2250 | 2255 | rVB4 | 9322 | 13068 | 0.25% | 0.045% |
| 84 | 16.304 | 2260 | 2264 | 2265 | rBV3 | 9758 | 11848 | 0.22% | 0.040% |
| 85 | 16.392 | 2277 | 2279 | 2284 | rVB6 | 13354 | 18816 | 0.36% | 0.064% |
| 86 | 16.551 | 2302 | 2306 | 2309 | rBV6 | 11611 | 21443 | 0.41% | 0.073% |
| 87 | 16.692 | 2323 | 2330 | 2342 | rVV | 3886414 | 5268213 | 100.00% | 17.943% |
| 88 | 16.851 | 2354 | 2357 | 2362 | rVB | 45102 | 63278 | 1.20% | 0.216% |
| 89 | 17.033 | 2382 | 2388 | 2392 | rBV | 999383 | 1400809 | 26.59% | 4.771% |
| 90 | 17.074 | 2392 | 2395 | 2399 | rVV | 193798 | 253902 | 4.82% | 0.865% |
| 91 | 17.127 | 2399 | 2404 | 2415 | rVB | 350617 | 535363 | 10.16% | 1.823% |
| 92 | 17.433 | 2451 | 2456 | 2462 | rVB | 152762 | 219148 | 4.16% | 0.746% |
| 93 | 17.610 | 2484 | 2486 | 2492 | rVB6 | 12436 | 15988 | 0.30% | 0.054% |
| 94 | 17.951 | 2540 | 2544 | 2554 | rVB6 | 55902 | 92548 | 1.76% | 0.315% |
| 95 | 18.086 | 2563 | 2567 | 2574 | rVB10 | 13840 | 30063 | 0.57% | 0.102% |
| 96 | 19.427 | 2790 | 2795 | 2802 | rBV | 395538 | 537795 | 10.21% | 1.832% |
| 97 | 20.956 | 3052 | 3055 | 3061 | rBV4 | 45208 | 63512 | 1.21% | 0.216% |
| 98 | 21.221 | 3095 | 3100 | 3106 | rBV | 1238928 | 1491367 | 28.31% | 5.079% |
| 99 | 23.286 | 3446 | 3451 | 3458 | rVB | 264432 | 483584 | 9.18% | 1.647% |
| 100 | 23.427 | 3469 | 3475 | 3483 | rVB2 | 748929 | 1386989 | 26.33% | 4.724% |

Sum of corrected areas: 29361128

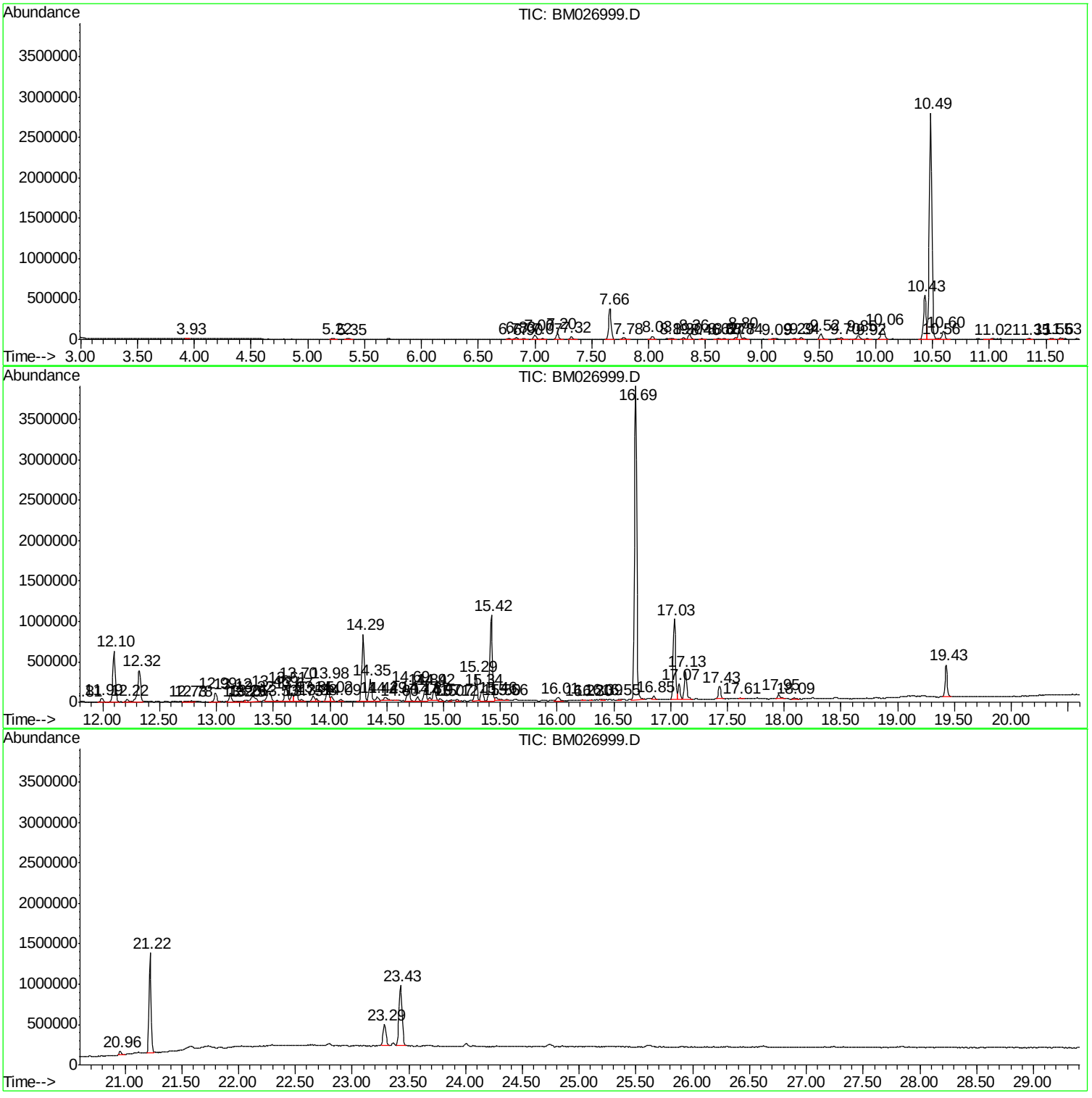
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026999.D
Acq On : 04 Aug 2020 11:33
Operator : JU/CG
Sample : L3531-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F4L06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.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 M\DATA\BM080320\
Data File : BM026999.D
Acq On : 04 Aug 2020 11:33
Operator : JU/CG
Sample : L3531-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F4L06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

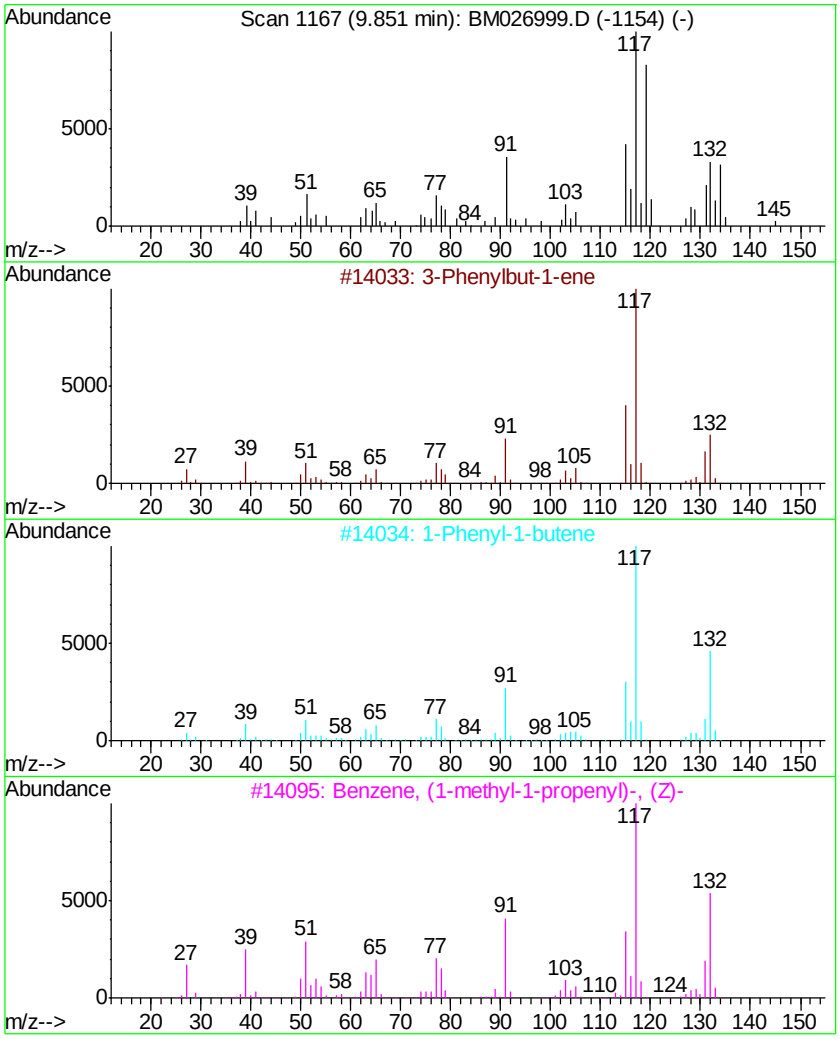
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

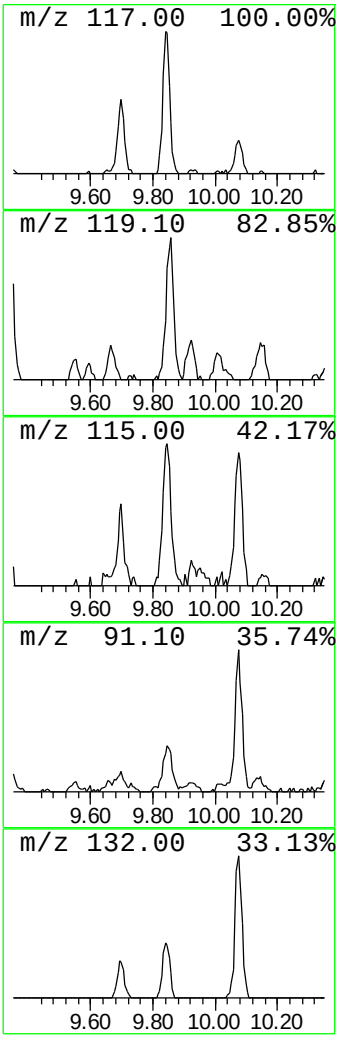
**********

Peak Number 1 3-Phenylbut-1-ene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.85 | 2.05 ng/ul | 93489 | Naphthalene-d8 | 10.43 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 70 |
| 2 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 64 |
| 3 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000767-99-7 | 62 |
| 4 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 62 |
| 5 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 62 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026999.D
Acq On : 04 Aug 2020 11:33
Operator : JU/CG
Sample : L3531-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F4L06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

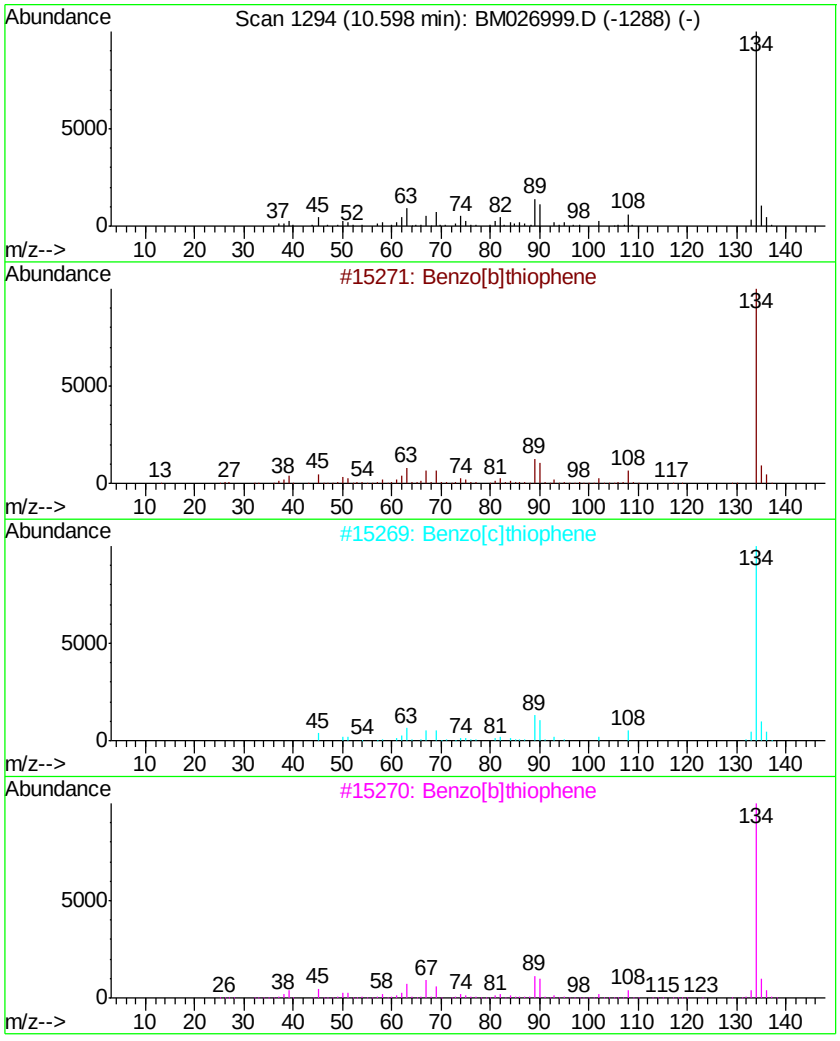
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

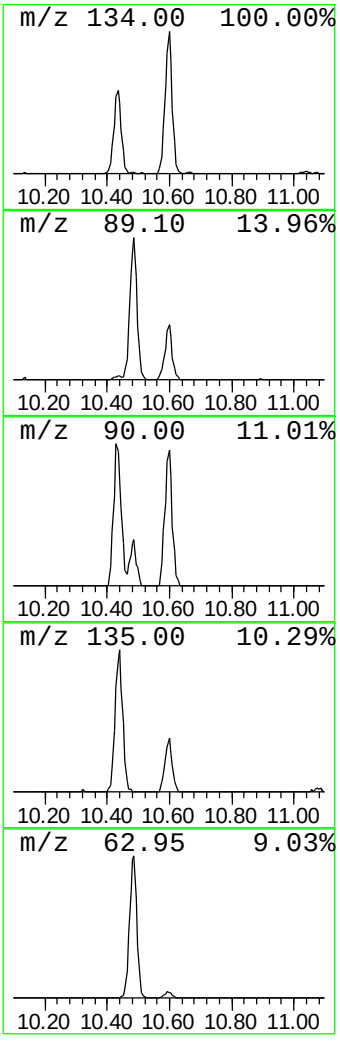
**********

Peak Number 2 Benzo[b]thiophene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.60 | 3.73 ng/ul | 170206 | Naphthalene-d8 | 10.43 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 95 |
| 2 | Benzo[c]thiophene | 134 | C8H6S | 000270-82-6 | 94 |
| 3 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 94 |
| 4 | Cyclopenta[c]thiapyran | 134 | C8H6S | 000270-63-3 | 94 |
| 5 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026999.D
Acq On : 04 Aug 2020 11:33
Operator : JU/CG
Sample : L3531-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F4L06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

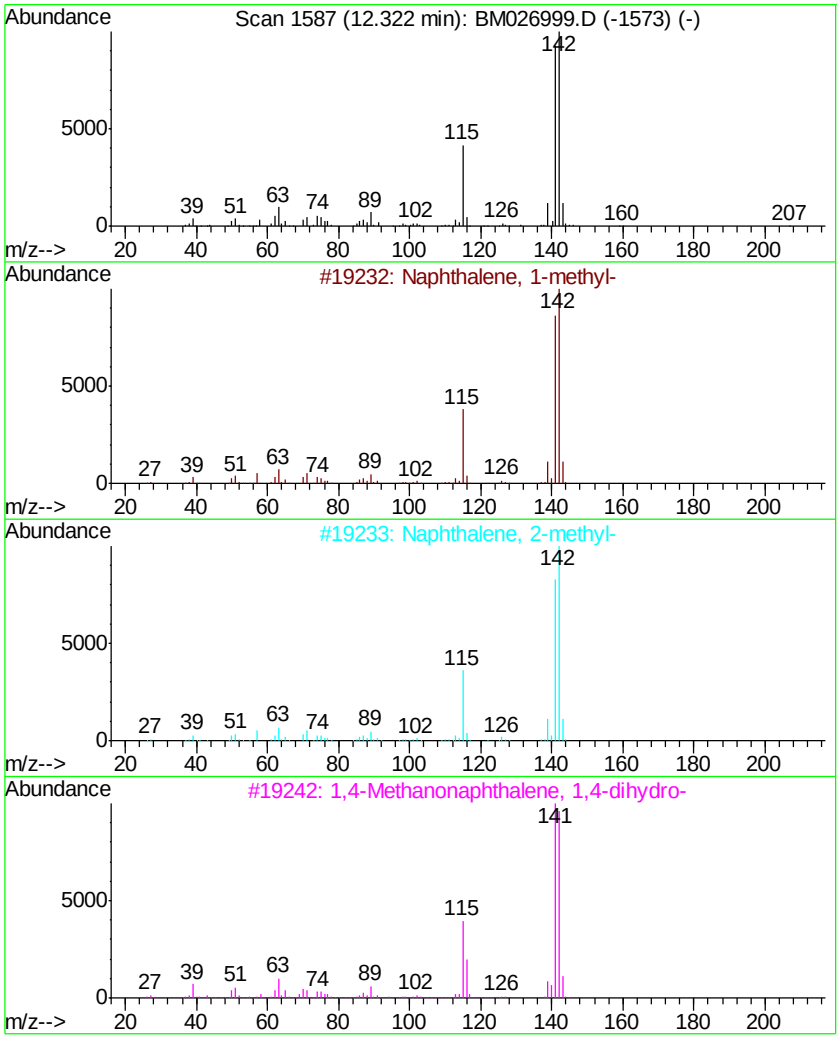
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

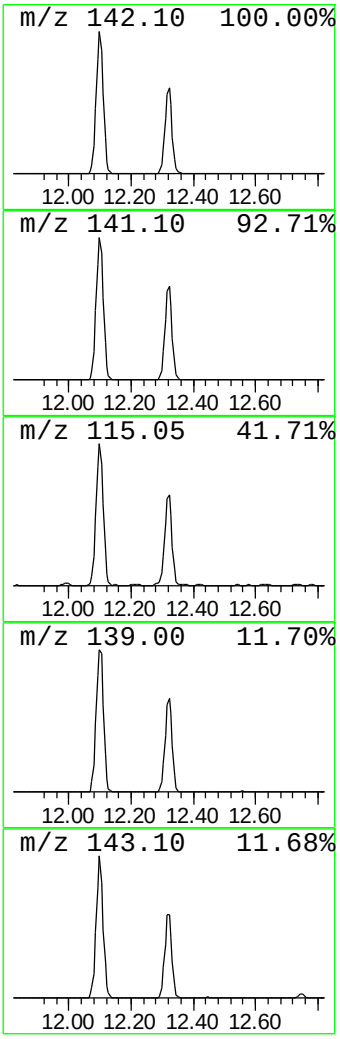
**********

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.32 | 15.52 ng/ul | 707815 | Naphthalene-d8 | 10.43 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 96 |
| 2 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 3 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 94 |
| 4 | Benzocycloheptatriene | 142 | C11H10 | 000264-09-5 | 94 |
| 5 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026999.D
Acq On : 04 Aug 2020 11:33
Operator : JU/CG
Sample : L3531-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F4L06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

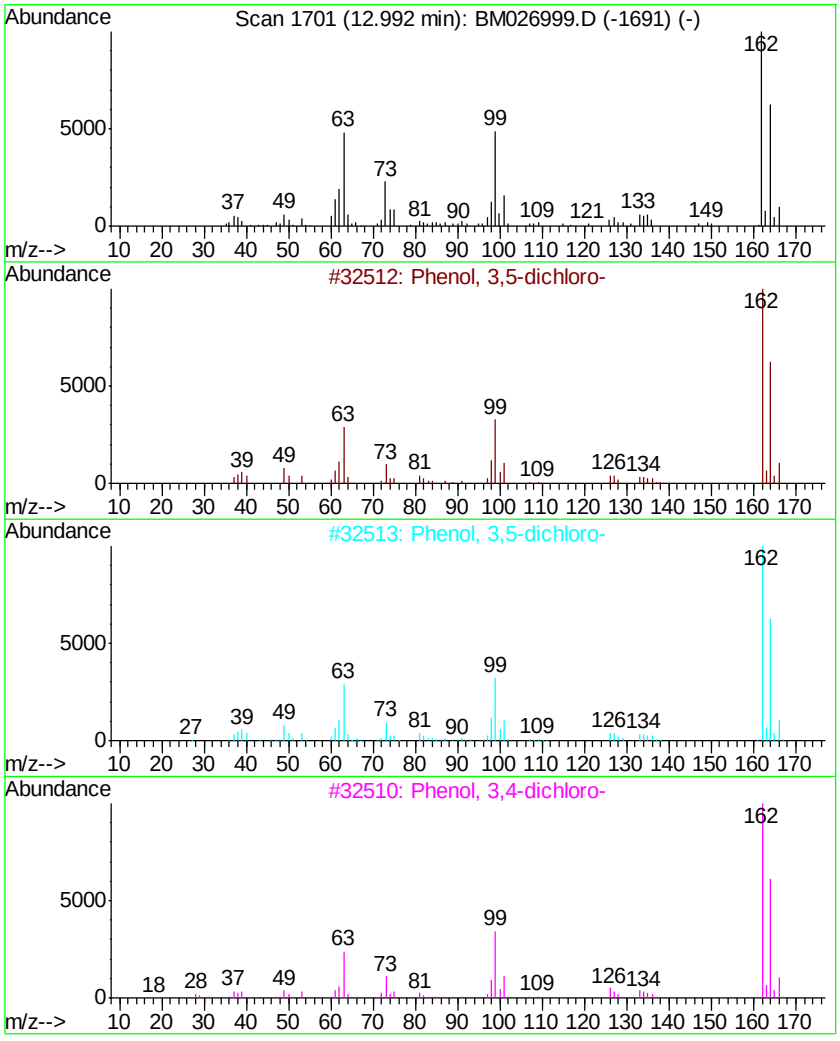
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

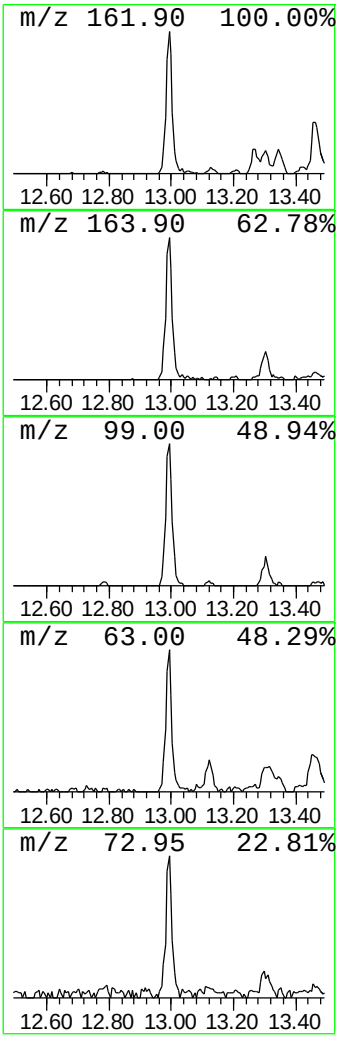
**********

Peak Number 4 Phenol, 3,5-dichloro- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.99 | 2.70 ng/ul | 170773 | Acenaphthene-d10 | 14.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3,5-dichloro- | 162 | C6H4Cl2O | 000591-35-5 | 93 |
| 2 | Phenol, 3,5-dichloro- | 162 | C6H4Cl2O | 000591-35-5 | 93 |
| 3 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 93 |
| 4 | Phenol, 3,5-dichloro- | 162 | C6H4Cl2O | 000591-35-5 | 91 |
| 5 | Phenol, 2,5-dichloro- | 162 | C6H4Cl2O | 000583-78-8 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026999.D
Acq On : 04 Aug 2020 11:33
Operator : JU/CG
Sample : L3531-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F4L06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

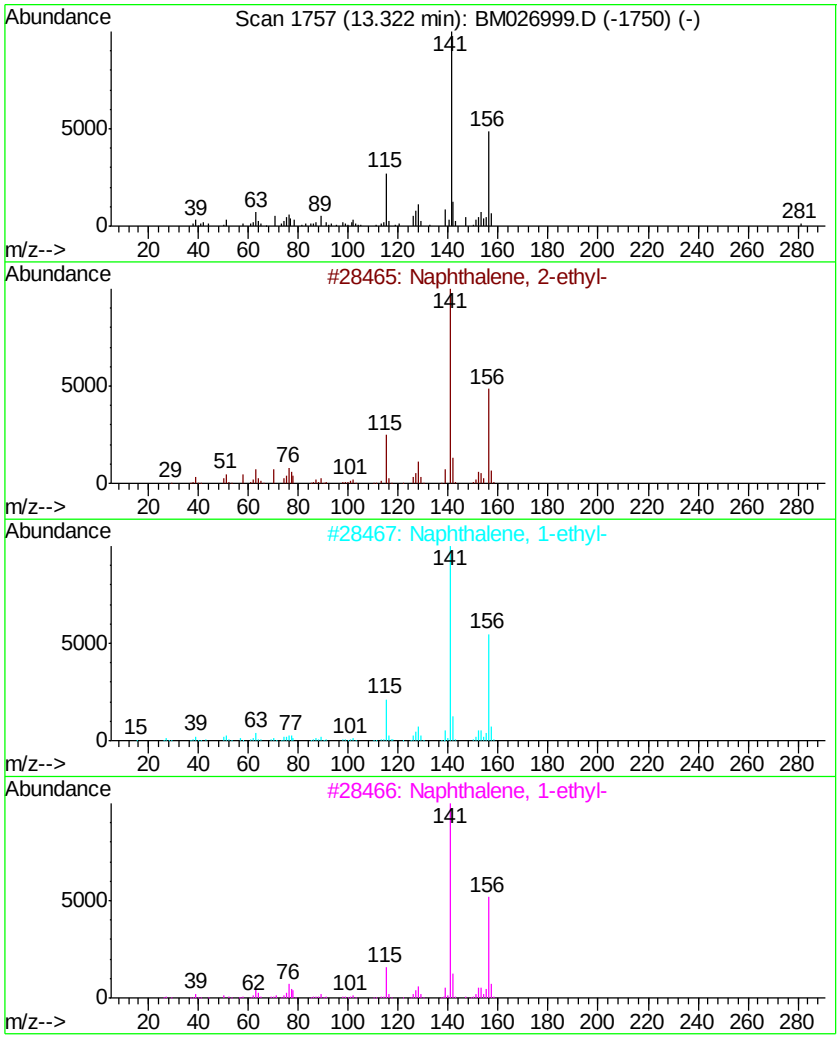
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

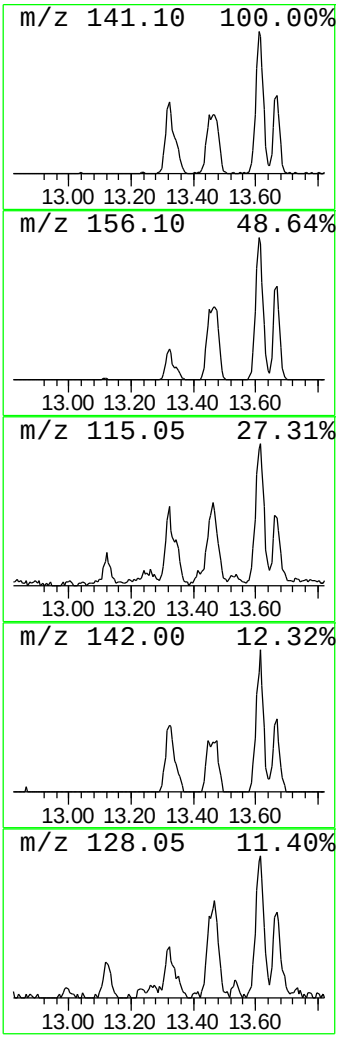
**********

Peak Number 5 Naphthalene, 2-ethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.32 | 3.05 ng/ul | 192923 | Acenaphthene-d10 | 14.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 96 |
| 2 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 94 |
| 3 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 94 |
| 4 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 93 |
| 5 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026999.D
Acq On : 04 Aug 2020 11:33
Operator : JU/CG
Sample : L3531-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F4L06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

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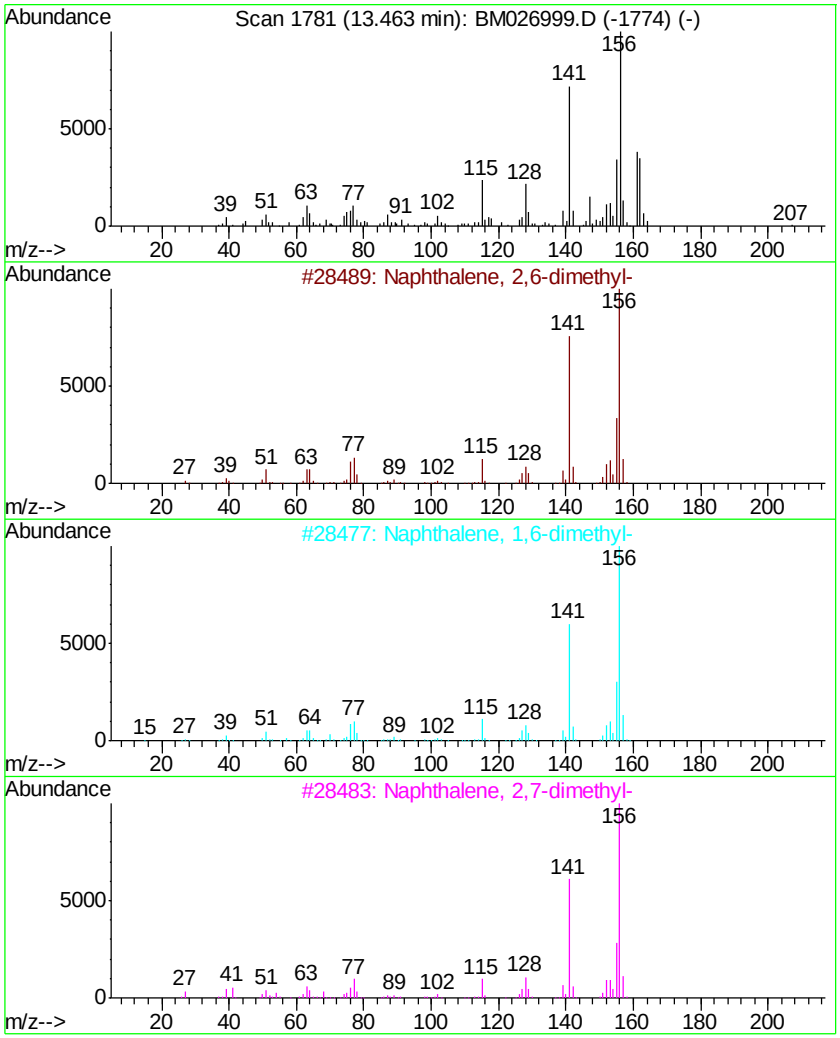
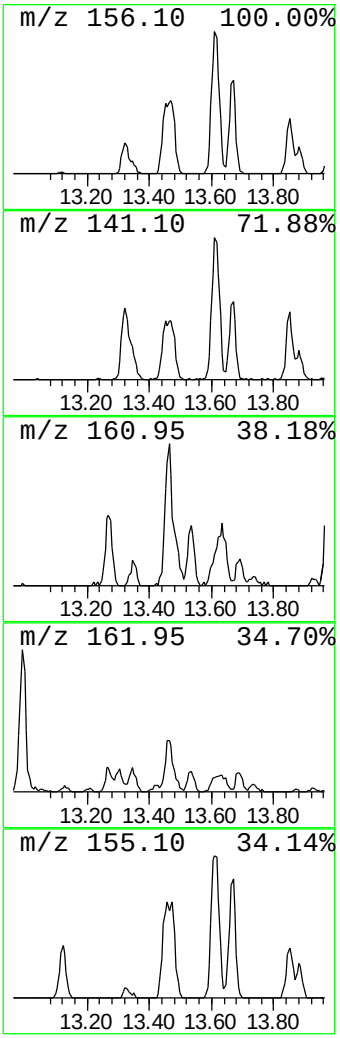
Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.46 | 4.86 ng/ul | 306783 | Acenaphthene-d10 | 14.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 95 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 93 |
| 4 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 92 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 92 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026999.D
Acq On : 04 Aug 2020 11:33
Operator : JU/CG
Sample : L3531-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F4L06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

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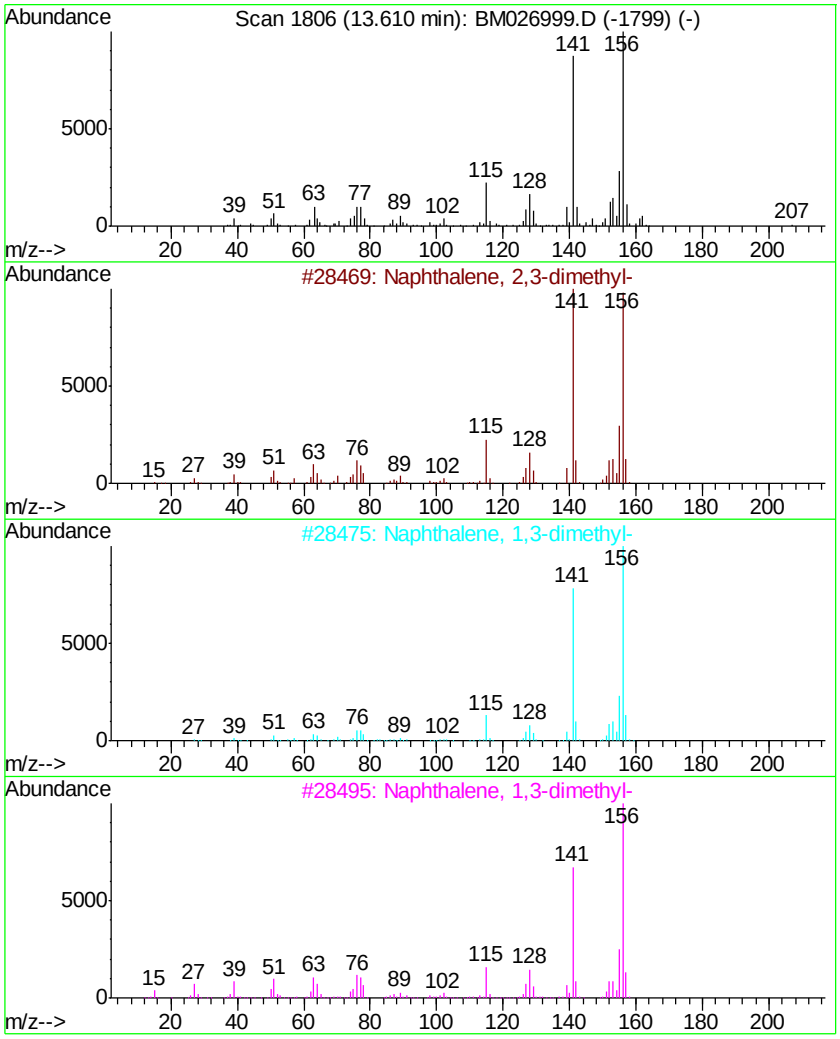
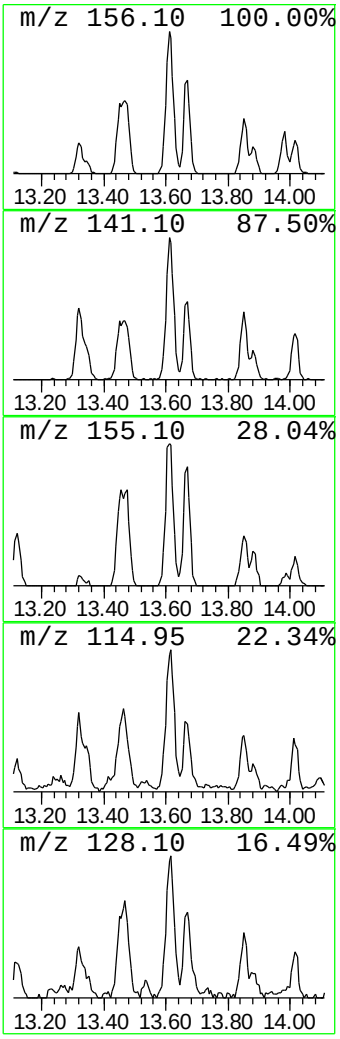
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.61 | 5.60 ng/ul | 353625 | Acenaphthene-d10 | 14.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 3 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 4 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 97 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026999.D
Acq On : 04 Aug 2020 11:33
Operator : JU/CG
Sample : L3531-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F4L06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

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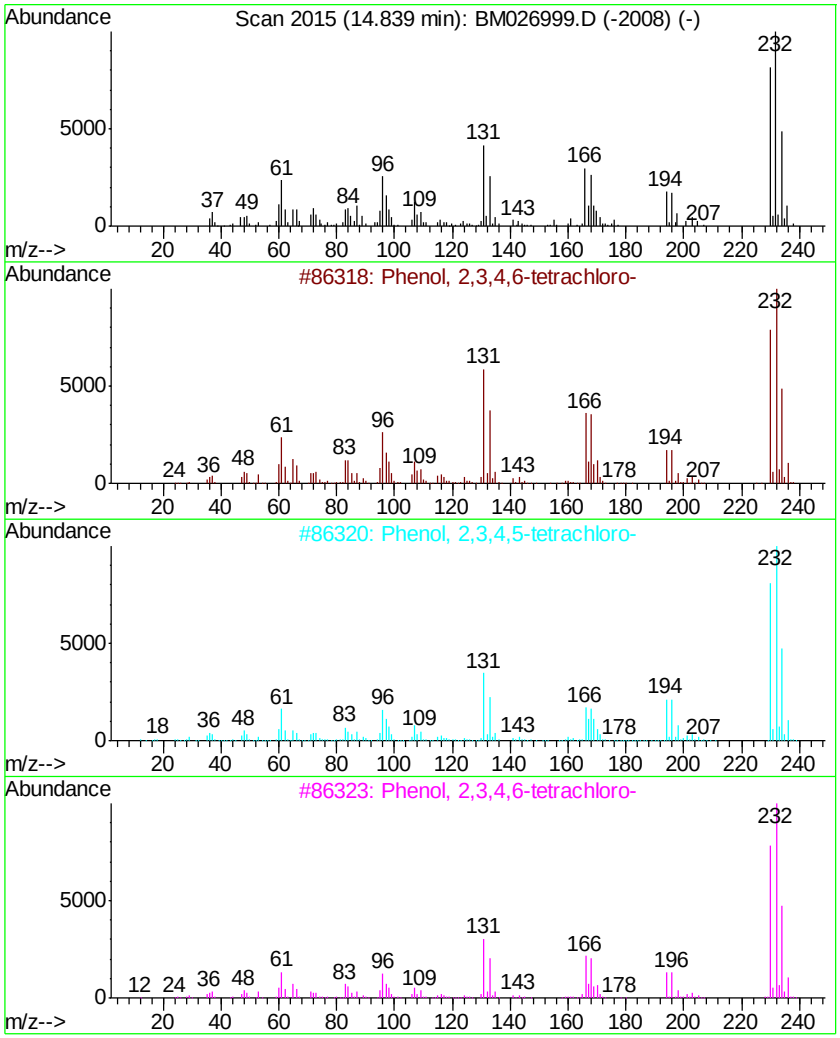
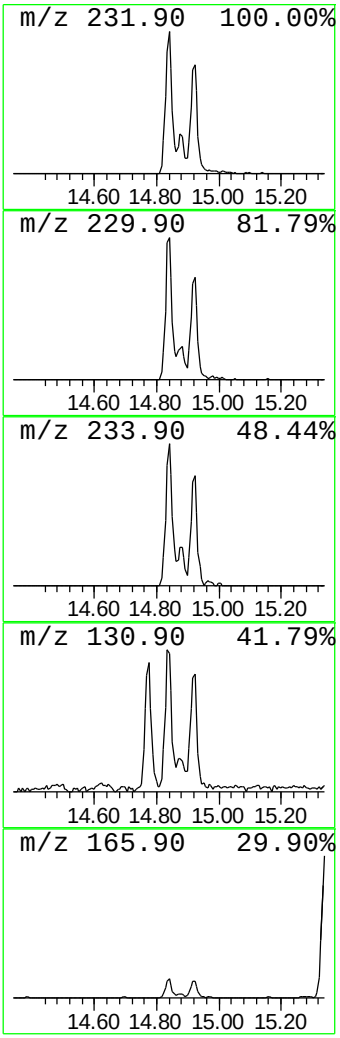
Peak Number 8 Phenol, 2,3,4,5-tetrachloro- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.84 | 3.91 ng/ul | 247223 | Acenaphthene-d10 | 14.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,3,4,6-tetrachloro- | 230 | C6H2Cl4O | 000058-90-2 | 99 |
| 2 | Phenol, 2,3,4,5-tetrachloro- | 230 | C6H2Cl4O | 004901-51-3 | 99 |
| 3 | Phenol, 2,3,4,6-tetrachloro- | 230 | C6H2Cl4O | 000058-90-2 | 98 |
| 4 | Phenol, 2,3,5,6-tetrachloro- | 230 | C6H2Cl4O | 000935-95-5 | 96 |
| 5 | Phenol, 2,3,4,6-tetrachloro- | 230 | C6H2Cl4O | 000058-90-2 | 94 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080320\
Data File : BM026999.D
Acq On : 04 Aug 2020 11:33
Operator : JU/CG
Sample : L3531-01DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F4L06DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 3-Phenylbut-1-ene | 9.85 | 2.0 | ng/ul | 93489 | 2 | 10.43 | 912409 | 20.0 |
| Benzo[b]thiophene | 10.60 | 3.7 | ng/ul | 170206 | 2 | 10.43 | 912409 | 20.0 |
| Naphthalene, 1-me... | 12.32 | 15.5 | ng/ul | 707815 | 2 | 10.43 | 912409 | 20.0 |
| Phenol, 3,5-dichl... | 12.99 | 2.7 | ng/ul | 170773 | 3 | 14.29 | 1263060 | 20.0 |
| Naphthalene, 2-et... | 13.32 | 3.0 | ng/ul | 192923 | 3 | 14.29 | 1263060 | 20.0 |
| Naphthalene, 2,6-... | 13.46 | 4.9 | ng/ul | 306783 | 3 | 14.29 | 1263060 | 20.0 |
| Naphthalene, 2,3-... | 13.61 | 5.6 | ng/ul | 353625 | 3 | 14.29 | 1263060 | 20.0 |
| Phenol, 2,3,4,5-t... | 14.84 | 3.9 | ng/ul | 247223 | 3 | 14.29 | 1263060 | 20.0 |