LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

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-BM051320MA.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 | 5.522 | 441 | 448 | 453 | rBV | 234694 | 357633 | 0.19% | 0.117% |
| 2 | 6.669 | 638 | 643 | 653 | rVV | 532834 | 854842 | 0.46% | 0.280% |
| 3 | 6.822 | 662 | 669 | 674 | rBV | 588911 | 904223 | 0.49% | 0.296% |
| 4 | 6.875 | 674 | 678 | 683 | rVB | 228589 | 324207 | 0.17% | 0.106% |
| 5 | 7.011 | 695 | 701 | 707 | rBV | 786664 | 1185712 | 0.64% | 0.389% |
| 6 | 7.128 | 715 | 721 | 727 | rBV | 904416 | 1301183 | 0.70% | 0.426% |
| 7 | 7.469 | 772 | 779 | 784 | rBV | 645288 | 976638 | 0.53% | 0.320% |
| 8 | 7.587 | 793 | 799 | 807 | rVB | 710953 | 1062496 | 0.57% | 0.348% |
| 9 | 7.840 | 836 | 842 | 846 | rBV | 201353 | 304270 | 0.16% | 0.100% |
| 10 | 8.110 | 882 | 888 | 893 | rBV | 157986 | 238611 | 0.13% | 0.078% |
| 11 | 8.193 | 893 | 902 | 909 | rVV | 800191 | 1352974 | 0.73% | 0.443% |
| 12 | 8.269 | 909 | 915 | 926 | rVB | 100645 | 219841 | 0.12% | 0.072% |
| 13 | 8.422 | 933 | 941 | 945 | rBV2 | 108879 | 214942 | 0.12% | 0.070% |
| 14 | 8.516 | 952 | 957 | 961 | rVV4 | 107010 | 215646 | 0.12% | 0.071% |
| 15 | 8.569 | 961 | 966 | 969 | rVV | 253577 | 399291 | 0.21% | 0.131% |
| 16 | 8.616 | 969 | 974 | 985 | rVV | 790302 | 1527889 | 0.82% | 0.501% |
| 17 | 8.810 | 1001 | 1007 | 1016 | rVV6 | 61290 | 192937 | 0.10% | 0.063% |
| 18 | 8.899 | 1016 | 1022 | 1029 | rVV2 | 123560 | 281829 | 0.15% | 0.092% |
| 19 | 9.087 | 1049 | 1054 | 1059 | rVB | 183011 | 268622 | 0.14% | 0.088% |
| 20 | 9.146 | 1059 | 1064 | 1077 | rVB | 222981 | 380650 | 0.20% | 0.125% |
| 21 | 9.328 | 1078 | 1095 | 1103 | rBV | 688261 | 1314321 | 0.71% | 0.431% |
| 22 | 9.499 | 1120 | 1124 | 1134 | rVB | 118618 | 239941 | 0.13% | 0.079% |
| 23 | 9.652 | 1137 | 1150 | 1158 | rBV4 | 367508 | 865677 | 0.47% | 0.284% |
| 24 | 9.869 | 1180 | 1187 | 1194 | rVB2 | 1071714 | 1824359 | 0.98% | 0.598% |
| 25 | 10.134 | 1228 | 1232 | 1236 | rBV | 229472 | 357842 | 0.19% | 0.117% |
| 26 | 10.234 | 1242 | 1249 | 1252 | rBV | 876252 | 1508539 | 0.81% | 0.494% |
| 27 | 10.287 | 1252 | 1258 | 1267 | rVV | 4465479 | 7353475 | 3.96% | 2.410% |
| 28 | 10.381 | 1267 | 1274 | 1284 | rVB3 | 275667 | 904537 | 0.49% | 0.296% |
| 29 | 10.687 | 1316 | 1326 | 1333 | rVB9 | 105099 | 318546 | 0.17% | 0.104% |
| 30 | 11.057 | 1383 | 1389 | 1392 | rBV3 | 126023 | 229856 | 0.12% | 0.075% |
| 31 | 11.363 | 1434 | 1441 | 1446 | rVB5 | 109050 | 266787 | 0.14% | 0.087% |
| 32 | 11.475 | 1456 | 1460 | 1467 | rVB3 | 122930 | 214312 | 0.12% | 0.070% |
| 33 | 11.569 | 1472 | 1476 | 1481 | rVB3 | 117583 | 197289 | 0.11% | 0.065% |
| 34 | 11.904 | 1527 | 1533 | 1540 | rVB | 1735490 | 2878405 | 1.55% | 0.943% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

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-BM051320MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 12.057 | 1554 | 1559 | 1566 | rVV4 | 430913 | 909986 | 0.49% | 0.298% |
| 36 | 12.128 | 1566 | 1571 | 1576 | rVB | 1566961 | 2339742 | 1.26% | 0.767% |
| 37 | 12.245 | 1586 | 1591 | 1607 | rVB2 | 609136 | 1625699 | 0.87% | 0.533% |
| 38 | 12.445 | 1618 | 1625 | 1630 | rBV7 | 187943 | 472766 | 0.25% | 0.155% |
| 39 | 12.545 | 1638 | 1642 | 1647 | rVB4 | 204885 | 308520 | 0.17% | 0.101% |
| 40 | 12.610 | 1647 | 1653 | 1657 | rBV3 | 309255 | 525030 | 0.28% | 0.172% |
| 41 | 12.657 | 1657 | 1661 | 1670 | rVB5 | 277168 | 628879 | 0.34% | 0.206% |
| 42 | 12.775 | 1677 | 1681 | 1685 | rBV | 145533 | 205228 | 0.11% | 0.067% |
| 43 | 12.840 | 1685 | 1692 | 1700 | rBV | 1252413 | 2186880 | 1.18% | 0.717% |
| 44 | 12.922 | 1701 | 1706 | 1712 | rBV3 | 295097 | 678214 | 0.36% | 0.222% |
| 45 | 13.087 | 1730 | 1734 | 1739 | rVB2 | 288084 | 446807 | 0.24% | 0.146% |
| 46 | 13.157 | 1739 | 1746 | 1759 | rVB6 | 527310 | 1353046 | 0.73% | 0.443% |
| 47 | 13.281 | 1759 | 1767 | 1774 | rBV5 | 568507 | 1724433 | 0.93% | 0.565% |
| 48 | 13.387 | 1780 | 1785 | 1789 | rVB4 | 440046 | 645224 | 0.35% | 0.211% |
| 49 | 13.434 | 1789 | 1793 | 1799 | rBV3 | 724823 | 1350225 | 0.73% | 0.442% |
| 50 | 13.492 | 1799 | 1803 | 1807 | rBV2 | 305336 | 460830 | 0.25% | 0.151% |
| 51 | 13.545 | 1807 | 1812 | 1818 | rVB | 1850028 | 2595311 | 1.40% | 0.851% |
| 52 | 13.622 | 1822 | 1825 | 1830 | rVB3 | 256333 | 401547 | 0.22% | 0.132% |
| 53 | 13.675 | 1830 | 1834 | 1836 | rBV | 321125 | 441056 | 0.24% | 0.145% |
| 54 | 13.804 | 1850 | 1856 | 1860 | rBV | 2216171 | 3399071 | 1.83% | 1.114% |
| 55 | 13.851 | 1861 | 1864 | 1870 | rVB5 | 398293 | 737629 | 0.40% | 0.242% |
| 56 | 13.916 | 1870 | 1875 | 1878 | rBV2 | 412600 | 604148 | 0.33% | 0.198% |
| 57 | 13.951 | 1878 | 1881 | 1883 | rBV2 | 219700 | 288095 | 0.16% | 0.094% |
| 58 | 14.116 | 1905 | 1909 | 1914 | rVV2 | 1249595 | 1973118 | 1.06% | 0.647% |
| 59 | 14.157 | 1914 | 1916 | 1923 | rVB6 | 318696 | 549759 | 0.30% | 0.180% |
| 60 | 14.257 | 1930 | 1933 | 1936 | rBV3 | 224355 | 265627 | 0.14% | 0.087% |
| 61 | 14.316 | 1937 | 1943 | 1946 | rVV5 | 579251 | 1057925 | 0.57% | 0.347% |
| 62 | 14.357 | 1947 | 1950 | 1956 | rVV3 | 585790 | 972874 | 0.52% | 0.319% |
| 63 | 14.428 | 1959 | 1962 | 1967 | rVB3 | 336887 | 497761 | 0.27% | 0.163% |
| 64 | 14.481 | 1967 | 1971 | 1973 | rBV3 | 181078 | 272382 | 0.15% | 0.089% |
| 65 | 14.522 | 1974 | 1978 | 1982 | rVV3 | 158242 | 282023 | 0.15% | 0.092% |
| 66 | 14.675 | 1997 | 2004 | 2012 | rBV | 2522763 | 4368130 | 2.35% | 1.431% |
| 67 | 14.769 | 2013 | 2020 | 2025 | rVV | 10894049 | 16966195 | 9.13% | 5.560% |
| 68 | 14.834 | 2028 | 2031 | 2036 | rVB2 | 631769 | 887946 | 0.48% | 0.291% |
| 69 | 14.916 | 2042 | 2045 | 2049 | rVB2 | 286964 | 332535 | 0.18% | 0.109% |
| 70 | 15.081 | 2068 | 2073 | 2075 | rBV3 | 360819 | 610247 | 0.33% | 0.200% |
| 71 | 15.122 | 2075 | 2080 | 2086 | rVB | 2563664 | 3727957 | 2.01% | 1.222% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

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-BM051320MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 15.175 | 2086 | 2089 | 2095 | rBV5 | 122081 | 215926 | 0.12% | 0.071% |
| 73 | 15.257 | 2097 | 2103 | 2104 | rVV | 1037045 | 1438452 | 0.77% | 0.471% |
| 74 | 15.281 | 2104 | 2107 | 2115 | rVB2 | 1624143 | 2719084 | 1.46% | 0.891% |
| 75 | 15.416 | 2125 | 2130 | 2131 | rBV3 | 282337 | 436057 | 0.23% | 0.143% |
| 76 | 15.481 | 2138 | 2141 | 2146 | rVB | 944957 | 1161155 | 0.62% | 0.381% |
| 77 | 15.610 | 2159 | 2163 | 2175 | rVB3 | 718375 | 1626886 | 0.88% | 0.533% |
| 78 | 16.004 | 2227 | 2230 | 2232 | rBV3 | 177119 | 238071 | 0.13% | 0.078% |
| 79 | 16.169 | 2255 | 2258 | 2264 | rVB | 240062 | 385399 | 0.21% | 0.126% |
| 80 | 16.610 | 2314 | 2333 | 2336 | rBV3 | 43403267 | 185852076 | 100.00% | 60.905% |
| 81 | 16.839 | 2369 | 2372 | 2376 | rVB2 | 503050 | 570315 | 0.31% | 0.187% |
| 82 | 16.886 | 2376 | 2380 | 2384 | rBV | 1493747 | 1986770 | 1.07% | 0.651% |
| 83 | 16.927 | 2384 | 2387 | 2391 | rVB2 | 579149 | 805270 | 0.43% | 0.264% |
| 84 | 16.980 | 2391 | 2396 | 2404 | rBV | 3226000 | 4888361 | 2.63% | 1.602% |
| 85 | 17.386 | 2462 | 2465 | 2468 | rBV2 | 256631 | 396478 | 0.21% | 0.130% |
| 86 | 17.645 | 2505 | 2509 | 2511 | rBV3 | 376583 | 552901 | 0.30% | 0.181% |
| 87 | 17.727 | 2520 | 2523 | 2526 | rBV | 453247 | 538025 | 0.29% | 0.176% |
| 88 | 17.822 | 2536 | 2539 | 2542 | rBV2 | 382533 | 634907 | 0.34% | 0.208% |
| 89 | 19.274 | 2781 | 2786 | 2793 | rVB | 3036765 | 4196862 | 2.26% | 1.375% |
| 90 | 20.815 | 3045 | 3048 | 3054 | rBV | 244489 | 277133 | 0.15% | 0.091% |
| 91 | 21.068 | 3087 | 3091 | 3098 | rVB | 1843319 | 2284331 | 1.23% | 0.749% |
| 92 | 23.057 | 3423 | 3429 | 3435 | rVB | 2089136 | 3502893 | 1.88% | 1.148% |
| 93 | 23.186 | 3445 | 3451 | 3462 | rVB | 1332613 | 2310178 | 1.24% | 0.757% |

Sum of corrected areas: 305148697

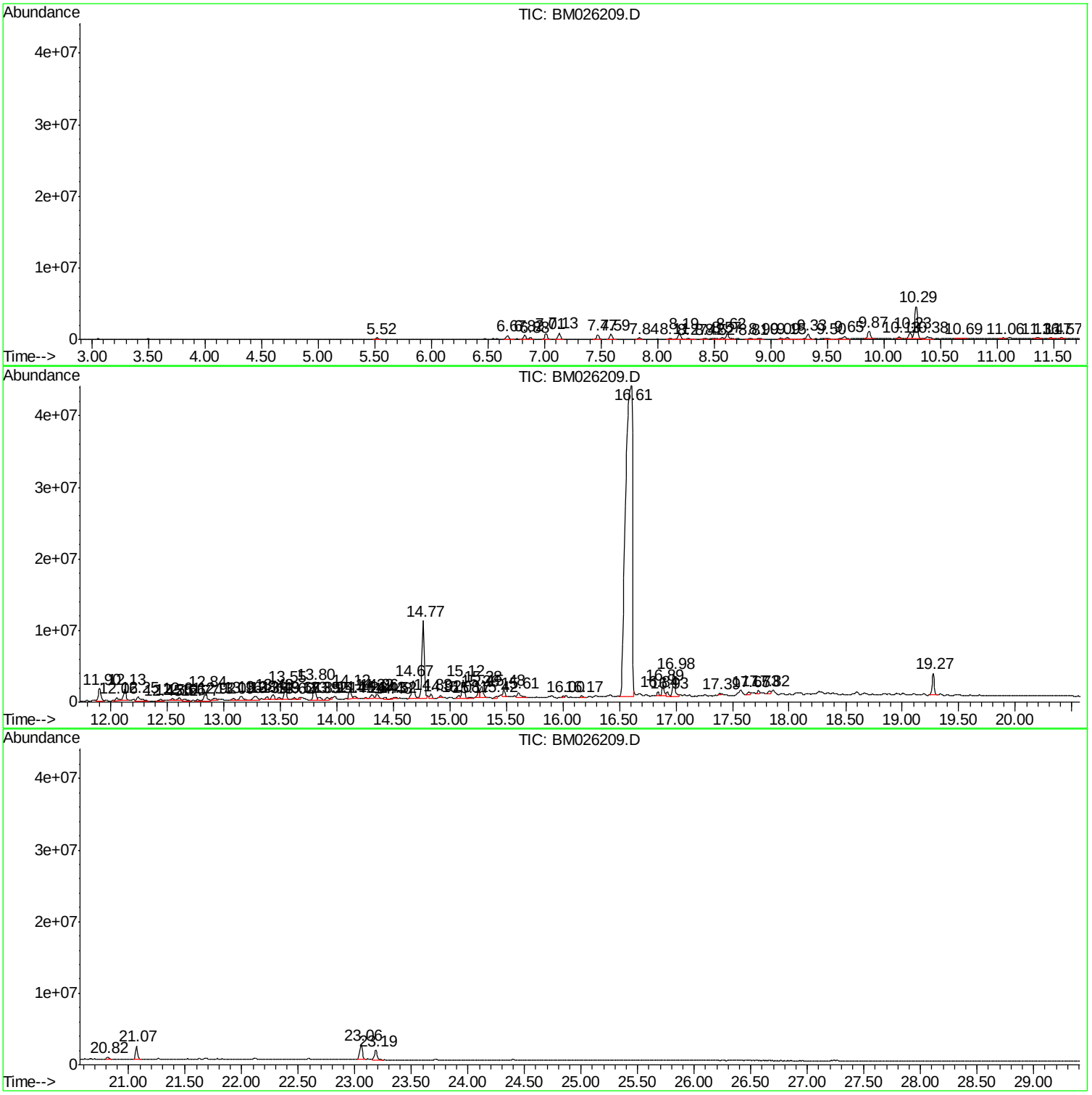
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

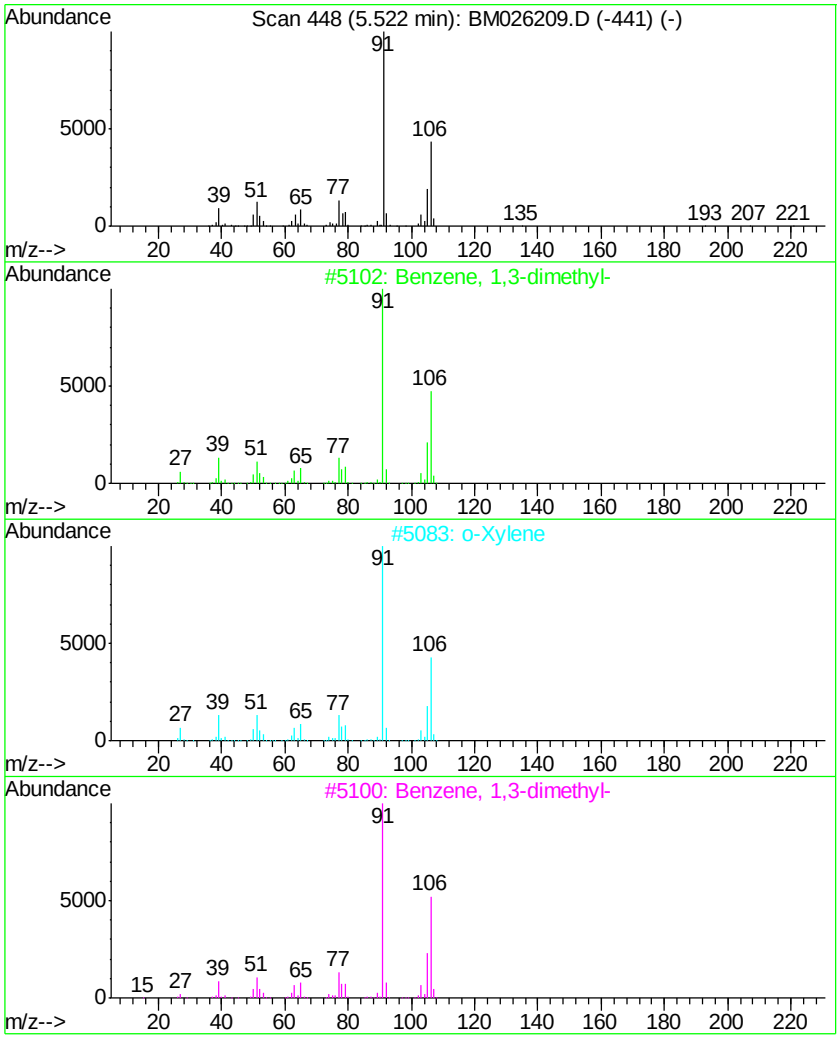
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

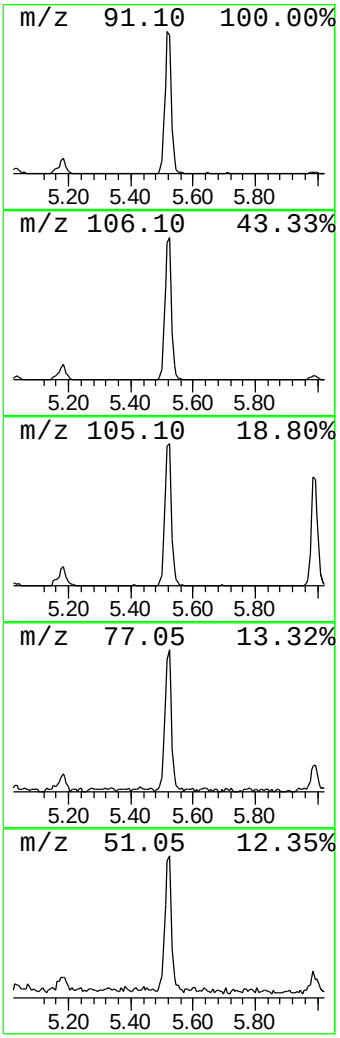
**********

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.52 | 7.32 ng/ul | 357633 | 1,4-Dichlorobenzene-d4 | 7.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 2 | o-Xylene | 106 | C8H10 | 000095-47-6 | 97 |
| 3 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 4 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |
| 5 | o-Xylene | 106 | C8H10 | 000095-47-6 | 97 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

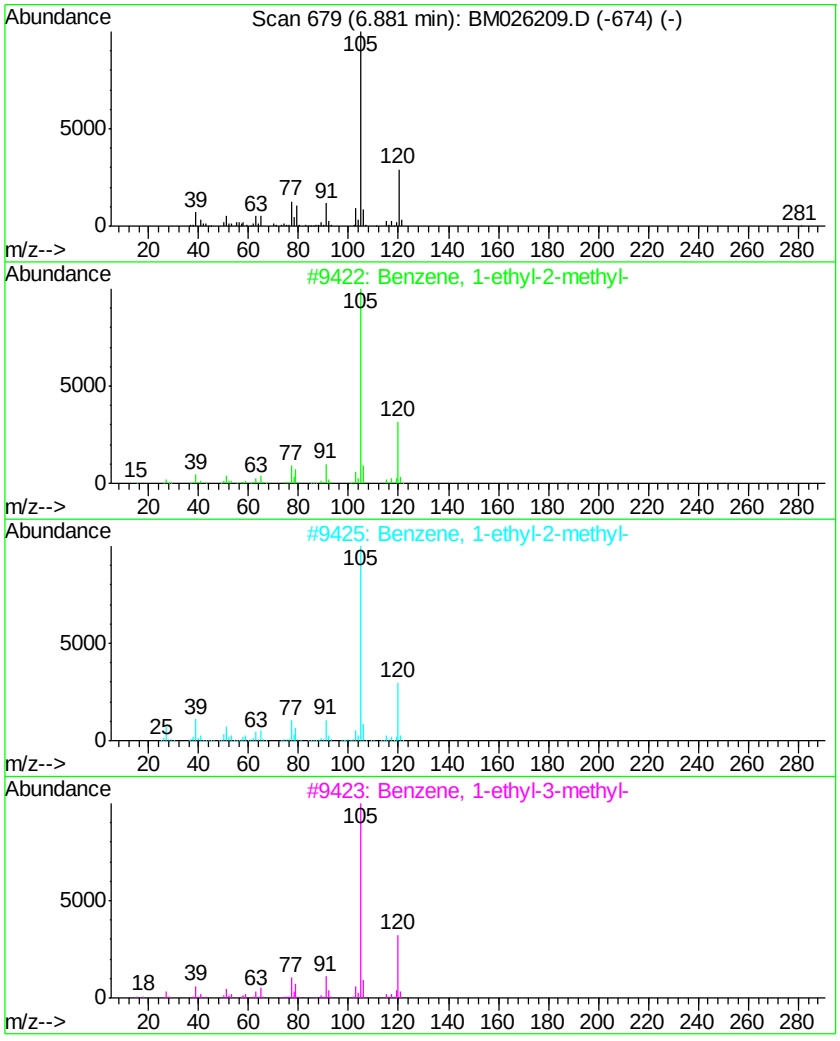
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

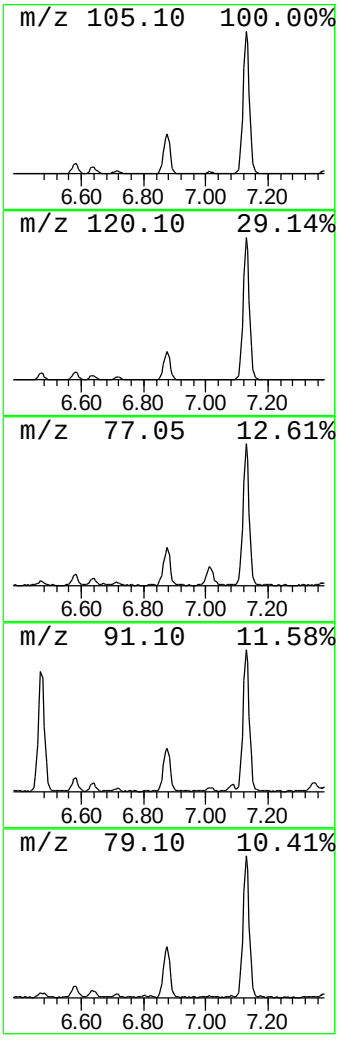
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.88 | 6.64 ng/ul | 324207 | 1,4-Dichlorobenzene-d4 | 7.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

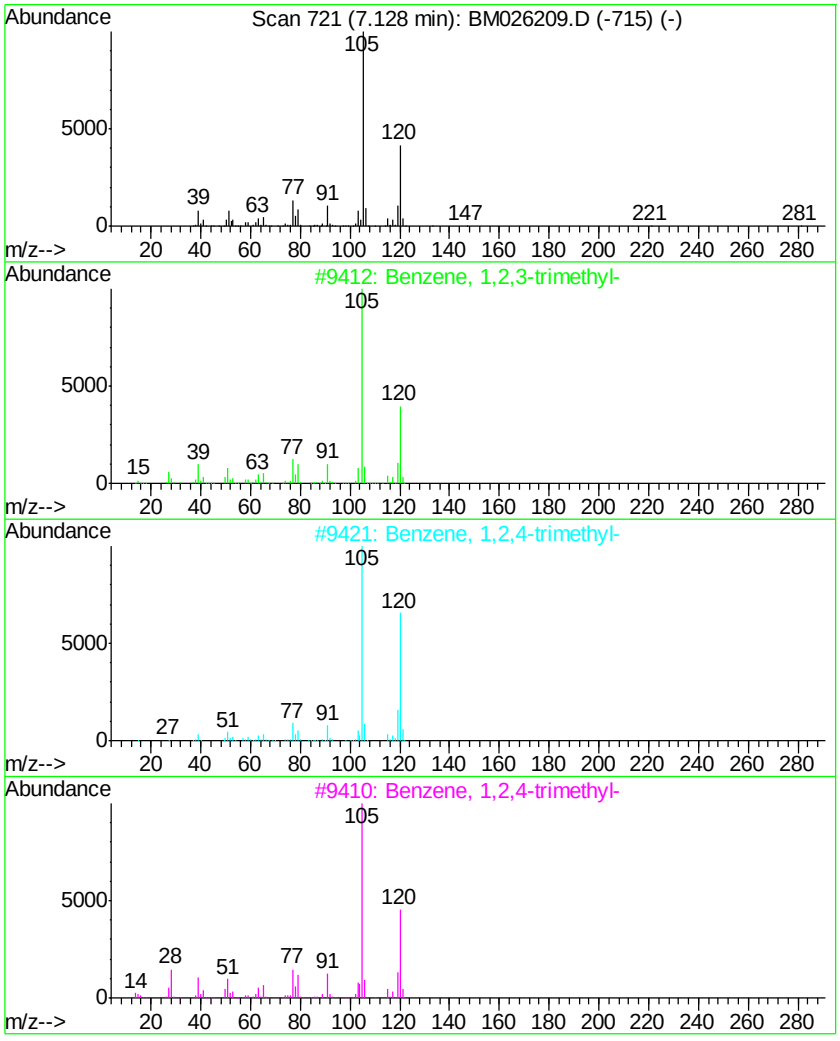
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

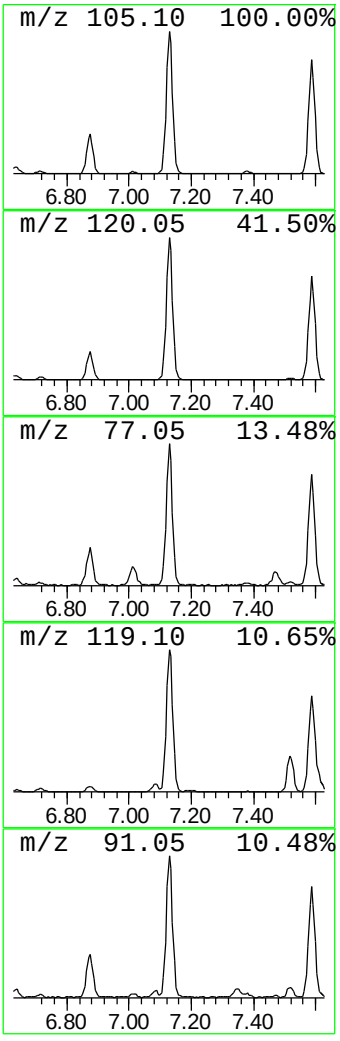
**********

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.13 | 26.65 ng/ul | 1301180 | 1,4-Dichlorobenzene-d4 | 7.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 2 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 93 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

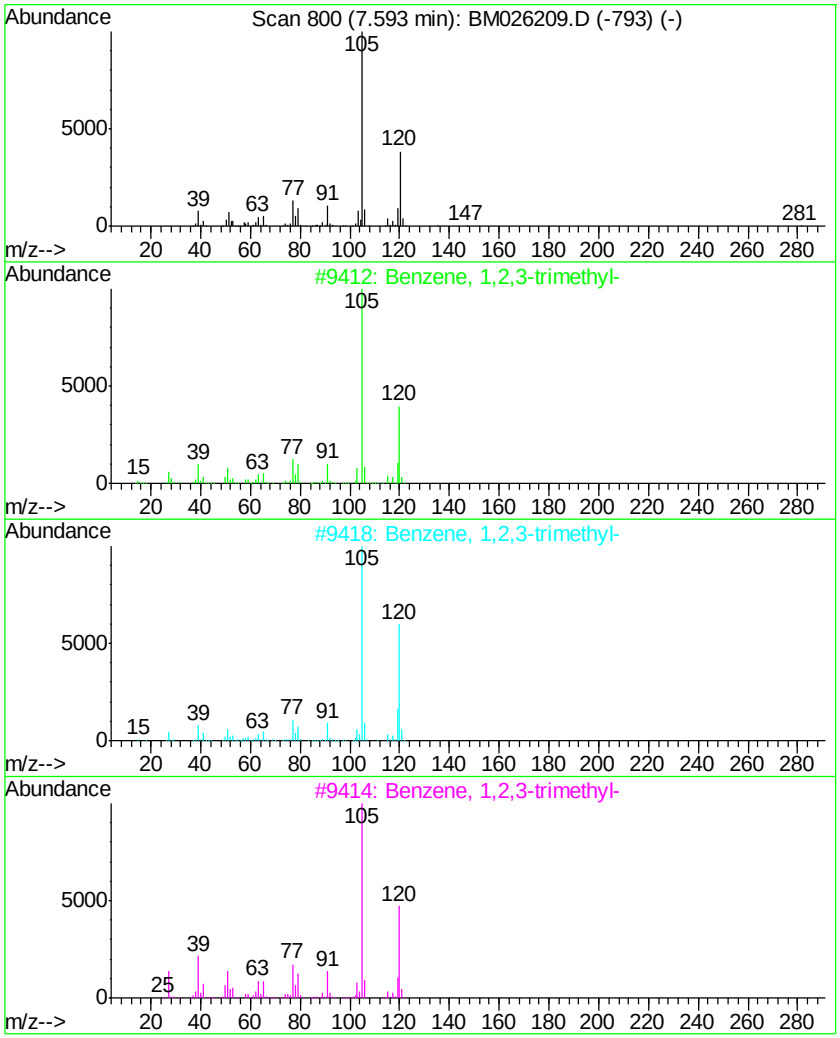
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

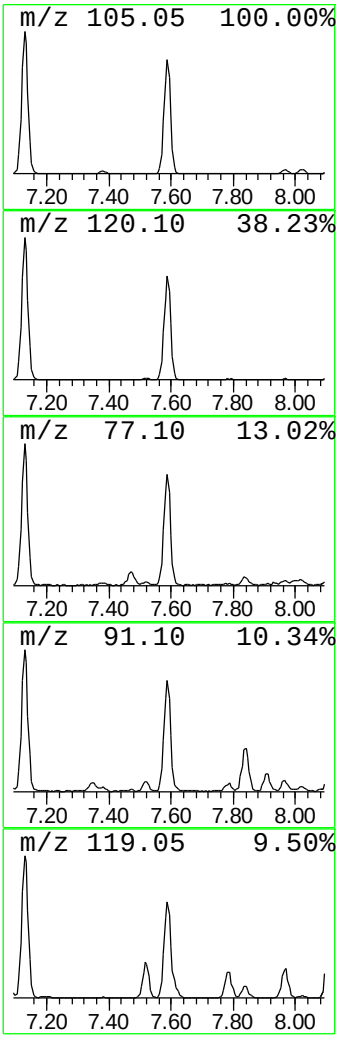
**********

Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.59 | 21.76 ng/ul | 1062500 | 1,4-Dichlorobenzene-d4 | 7.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

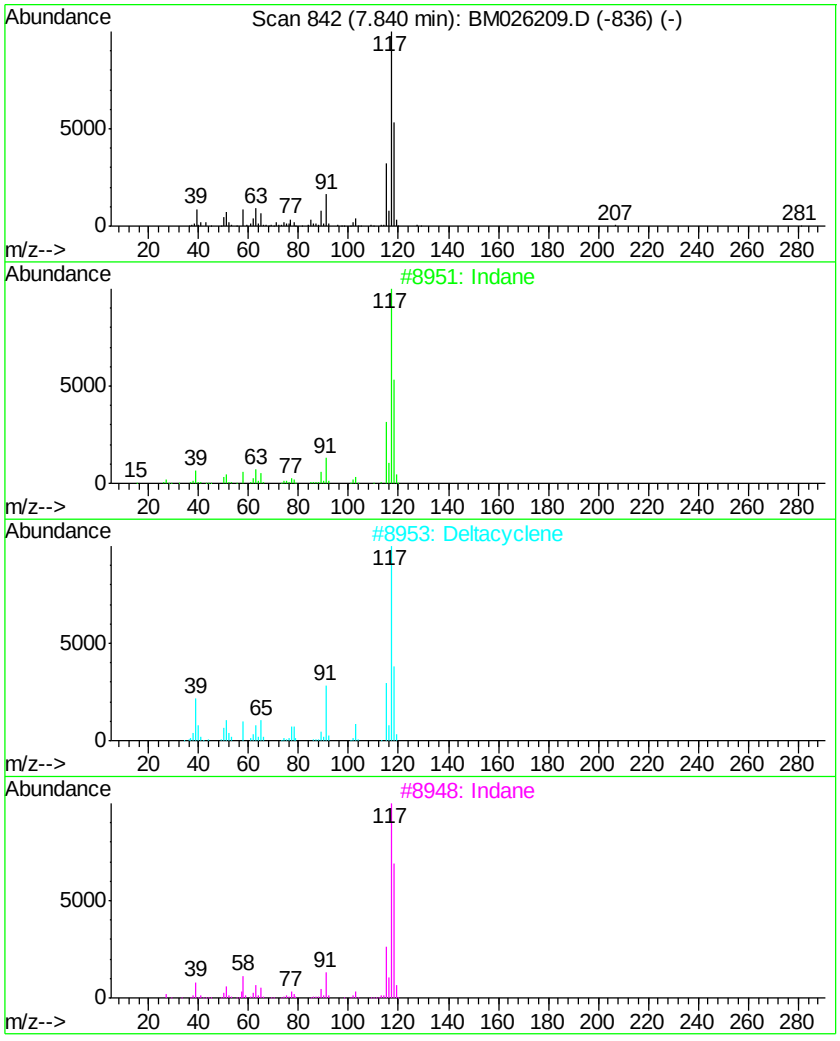
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

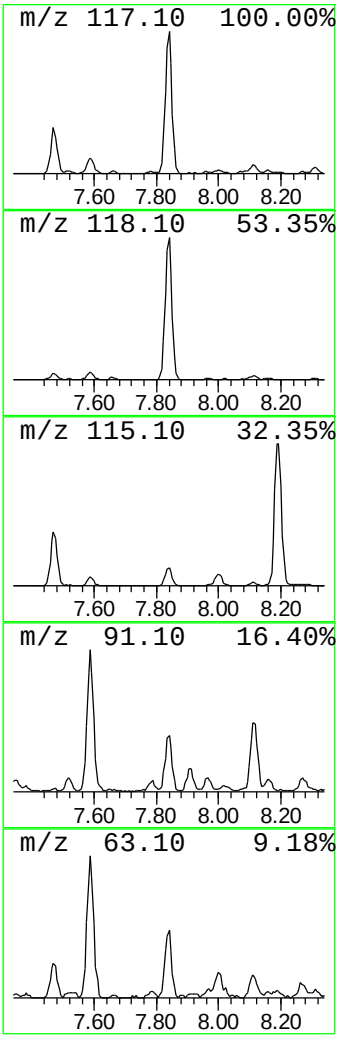
**********

Peak Number 5 Indane Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.84 | 6.23 ng/ul | 304270 | 1,4-Dichlorobenzene-d4 | 7.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 93 |
| 2 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 68 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 68 |
| 4 | Indane | 118 | C9H10 | 000496-11-7 | 60 |
| 5 | trans-Cinnamyl bromide | 196 | C9H9Br | 026146-77-0 | 59 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

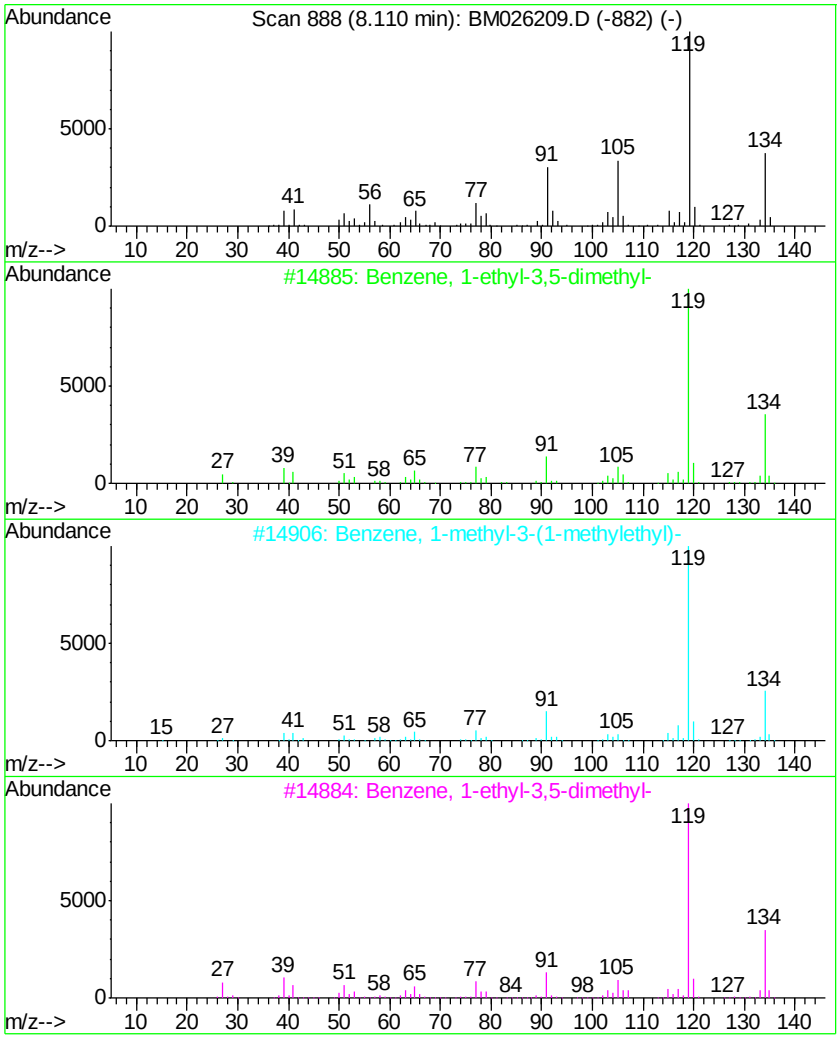
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

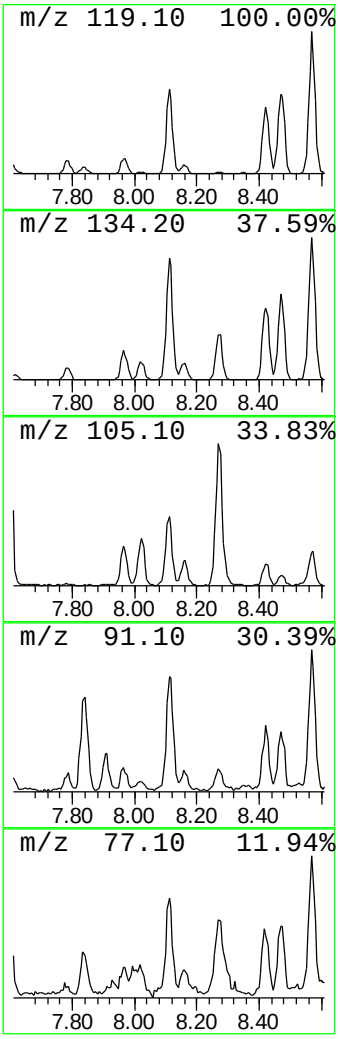
**********

Peak Number 6 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.11 | 4.89 ng/ul | 238611 | 1,4-Dichlorobenzene-d4 | 7.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 94 |
| 2 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 93 |
| 3 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 93 |
| 4 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 93 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 93 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

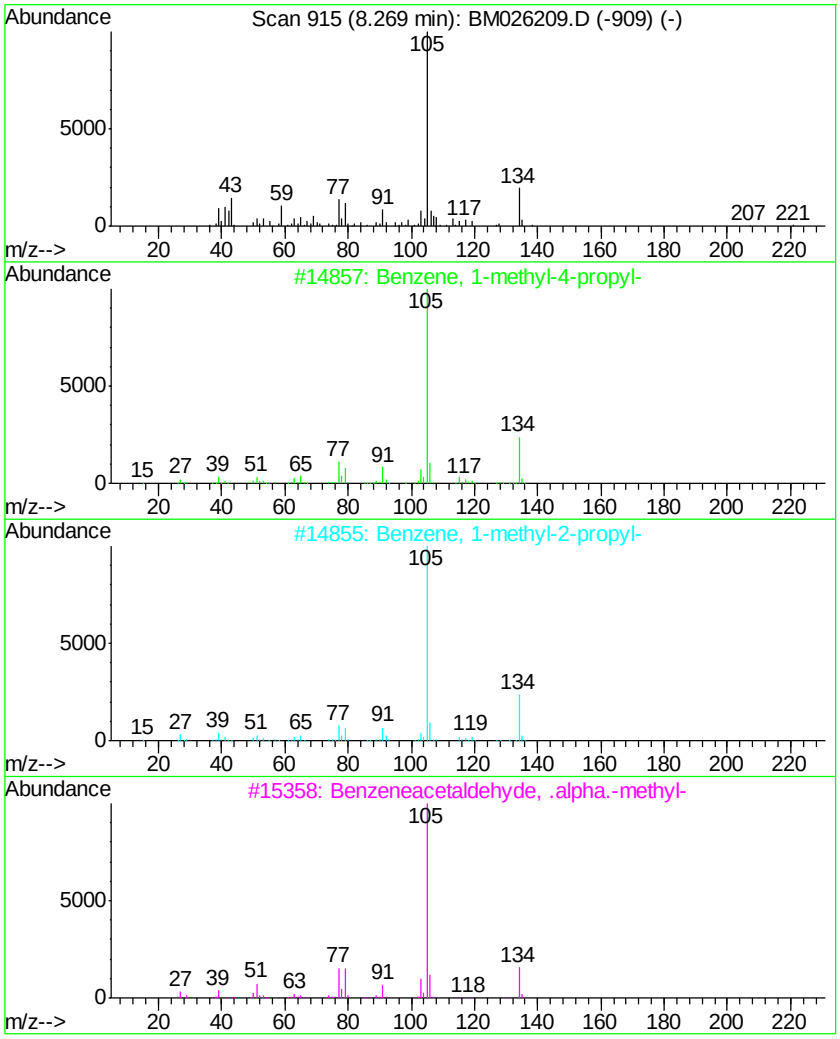
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

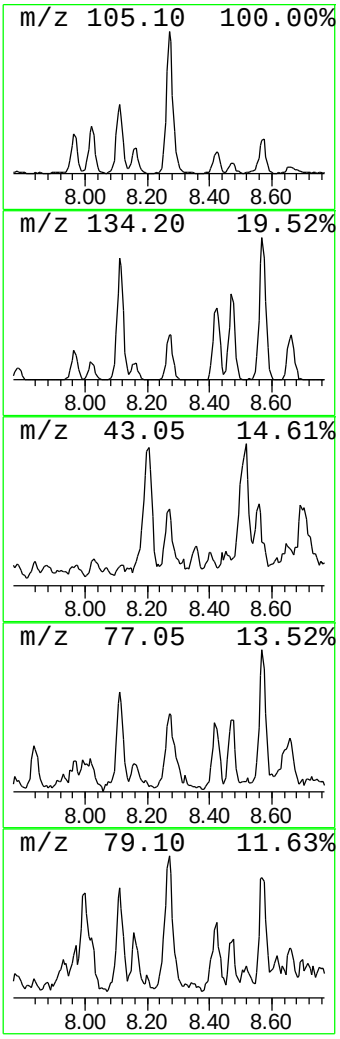
**********

Peak Number 7 Benzene, 1-methyl-4-propyl- Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.27 | 4.50 ng/ul | 219841 | 1,4-Dichlorobenzene-d4 | 7.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 92 |
| 2 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 70 |
| 3 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 64 |
| 4 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 62 |
| 5 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 58 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

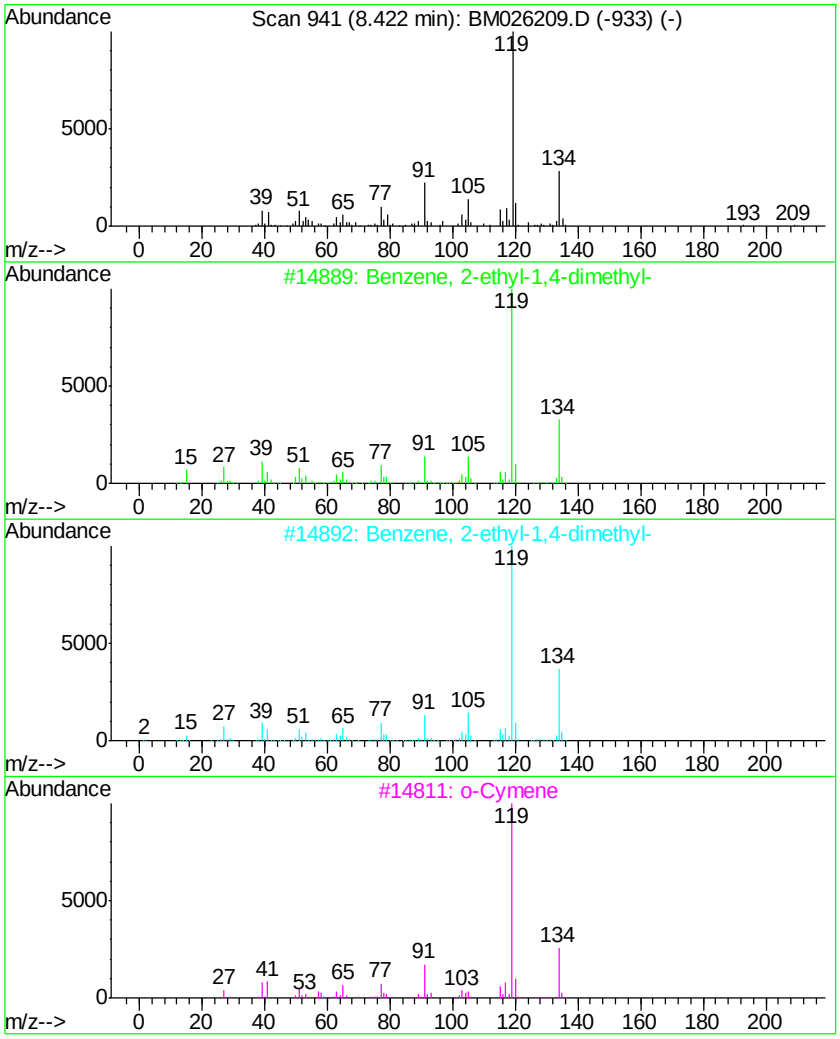
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

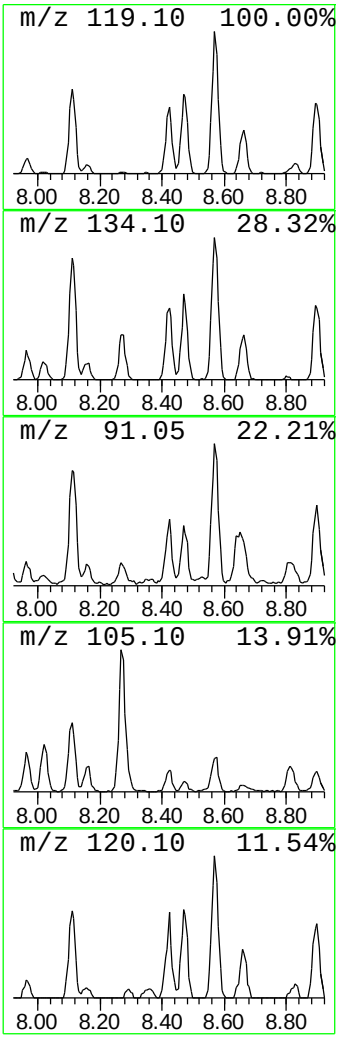
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.42 | 4.40 ng/ul | 214942 | 1,4-Dichlorobenzene-d4 | 7.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

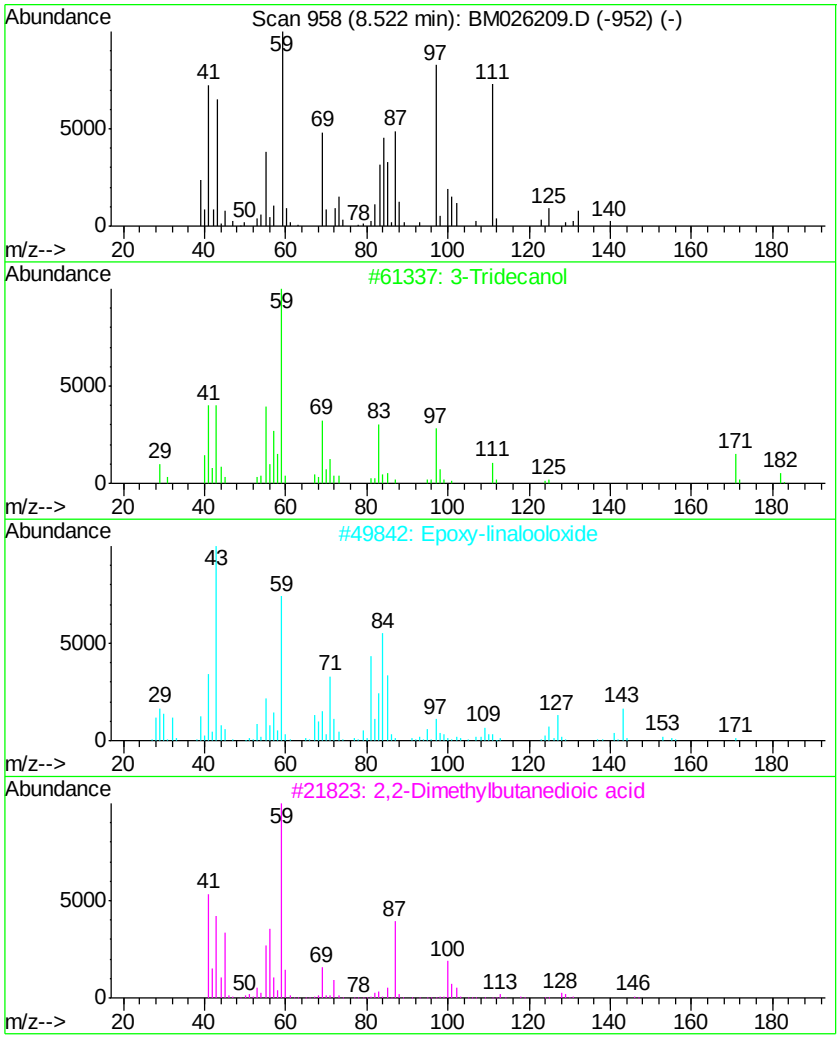
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

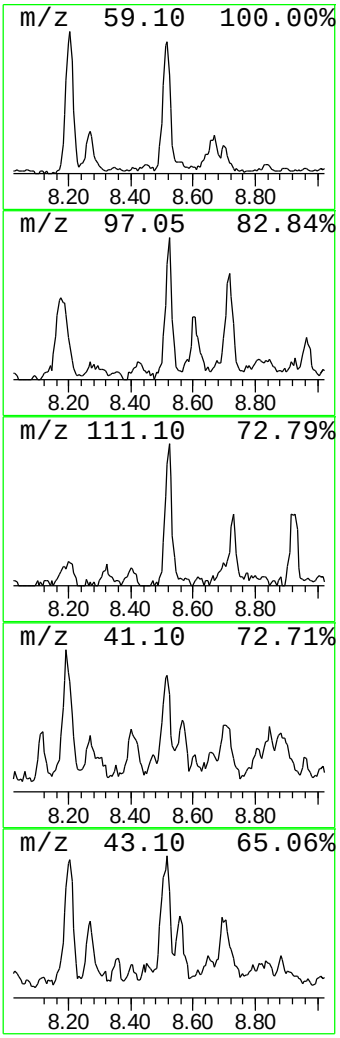
**********

Peak Number 9 unknown-01 Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.52 | 4.42 ng/ul | 215646 | 1,4-Dichlorobenzene-d4 | 7.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Tridecanol | 200 | C13H28O | 010289-68-6 | 27 |
| 2 | Epoxy-linalooloxide | 186 | C10H18O3 | 1000007-96-5 | 27 |
| 3 | 2,2-Dimethylbutanedioic acid | 146 | C6H10O4 | 000597-43-3 | 25 |
| 4 | Acetaldehyde N-formyl-N-methylhy... | 100 | C4H8N2O | 016568-02-8 | 22 |
| 5 | .beta.-D-Mannofuranoside, 3,6,9-... | 402 | C17H32B2O9 | 1000155-77-2 | 16 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

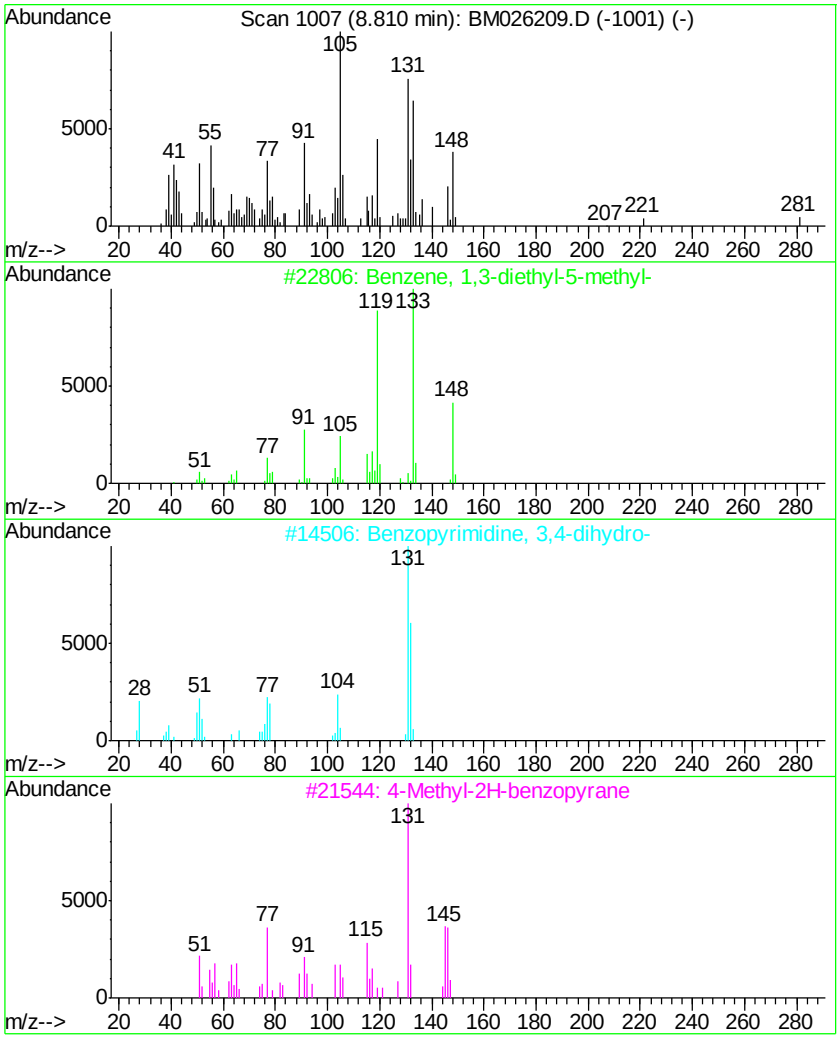
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

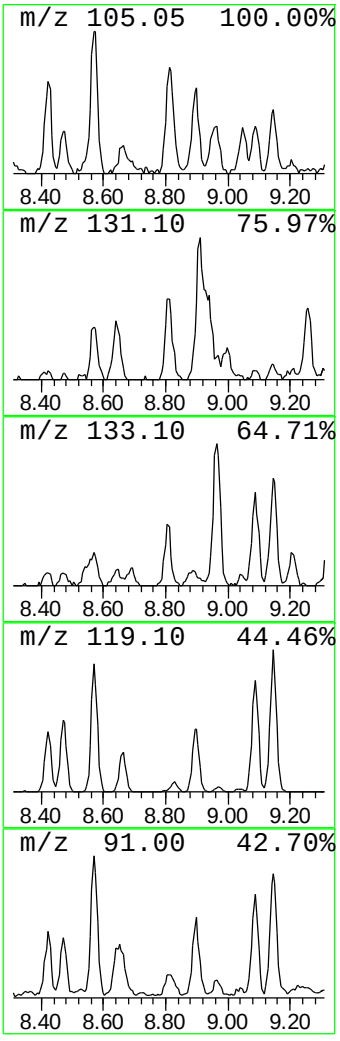
**********

Peak Number 10 unknown-02 Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.81 | 3.95 ng/ul | 192937 | 1,4-Dichlorobenzene-d4 | 7.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-diethyl-5-methyl- | 148 | C11H16 | 002050-24-0 | 42 |
| 2 | Benzopyrimidine, 3,4-dihydro- | 132 | C8H8N2 | 001904-64-9 | 38 |
| 3 | 4-Methyl-2H-benzopyrane | 146 | C10H10O | 021776-94-3 | 30 |
| 4 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 25 |
| 5 | Benzenemethanol, .alpha.-ethynyl- | 132 | C9H8O | 004187-87-5 | 25 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

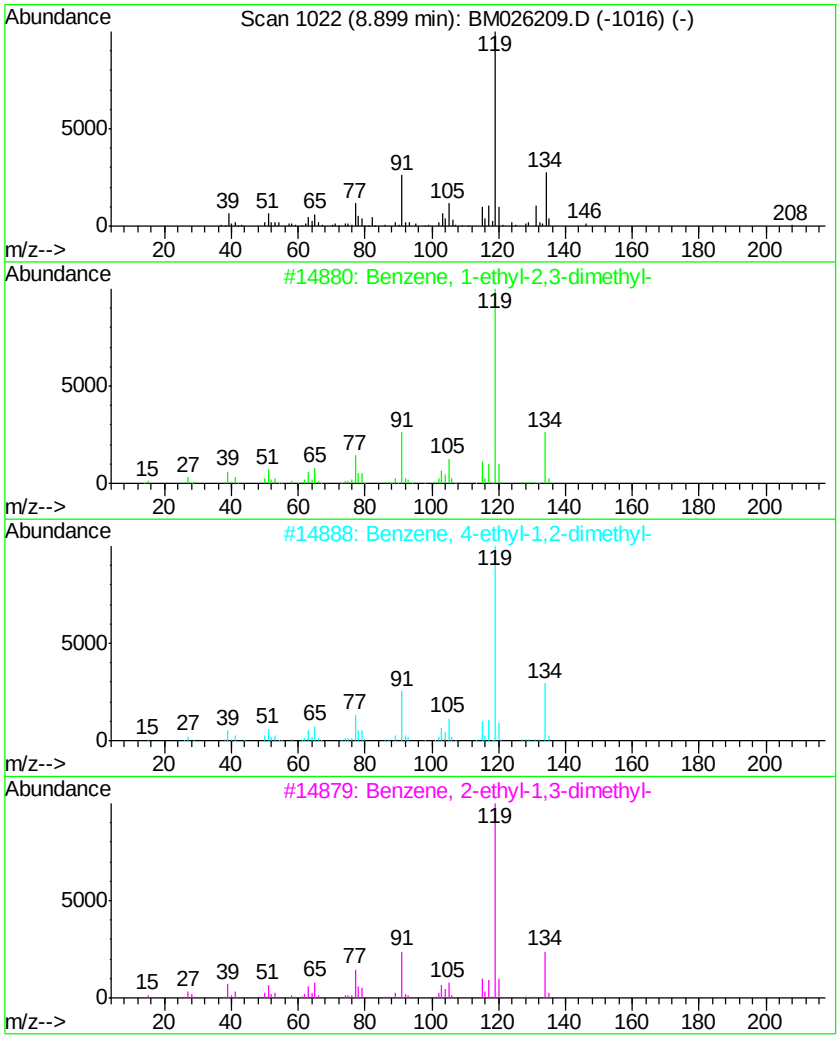
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

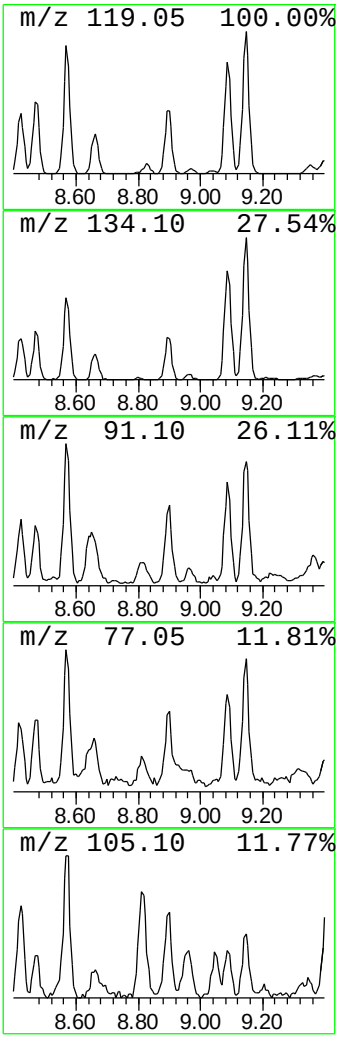
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.90 | 3.74 ng/ul | 281829 | Naphthalene-d8 | 10.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 96 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 95 |
| 3 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 94 |
| 4 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 93 |
| 5 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

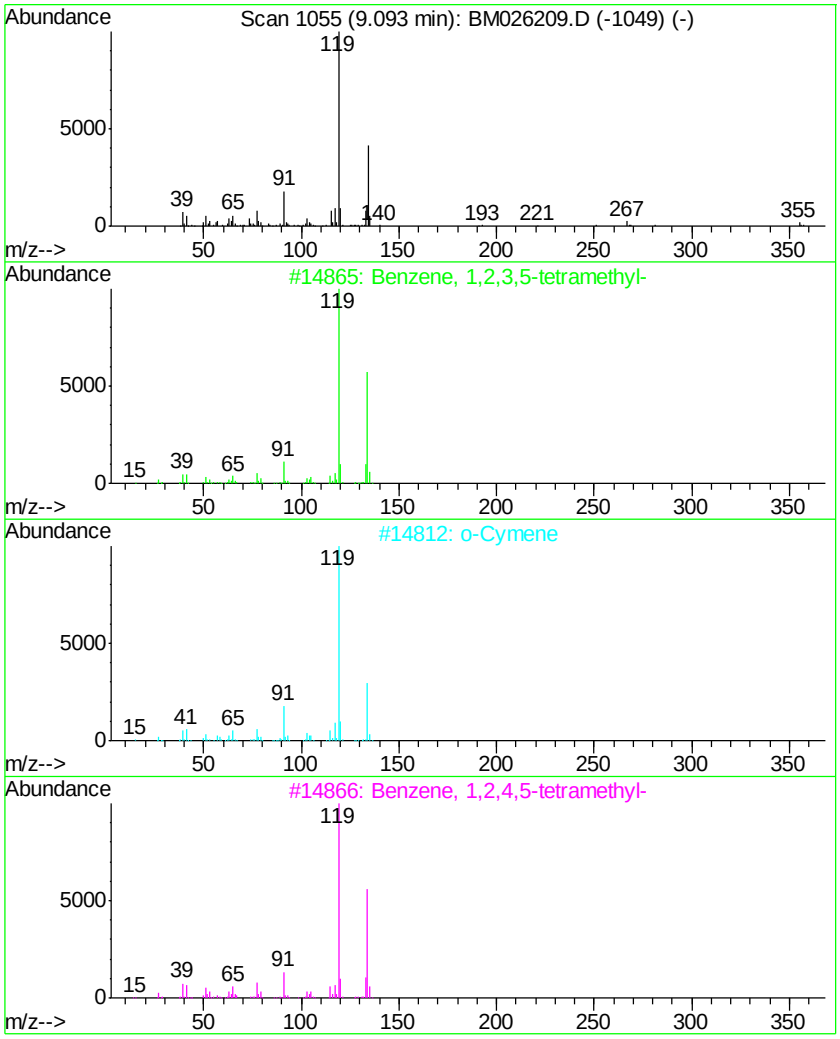
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

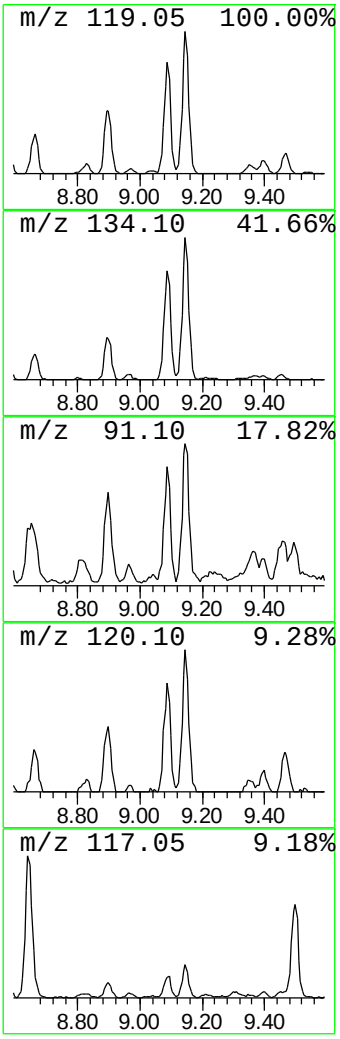
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.09 | 3.56 ng/ul | 268622 | Naphthalene-d8 | 10.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 94 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 3 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 92 |
| 4 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 91 |
| 5 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

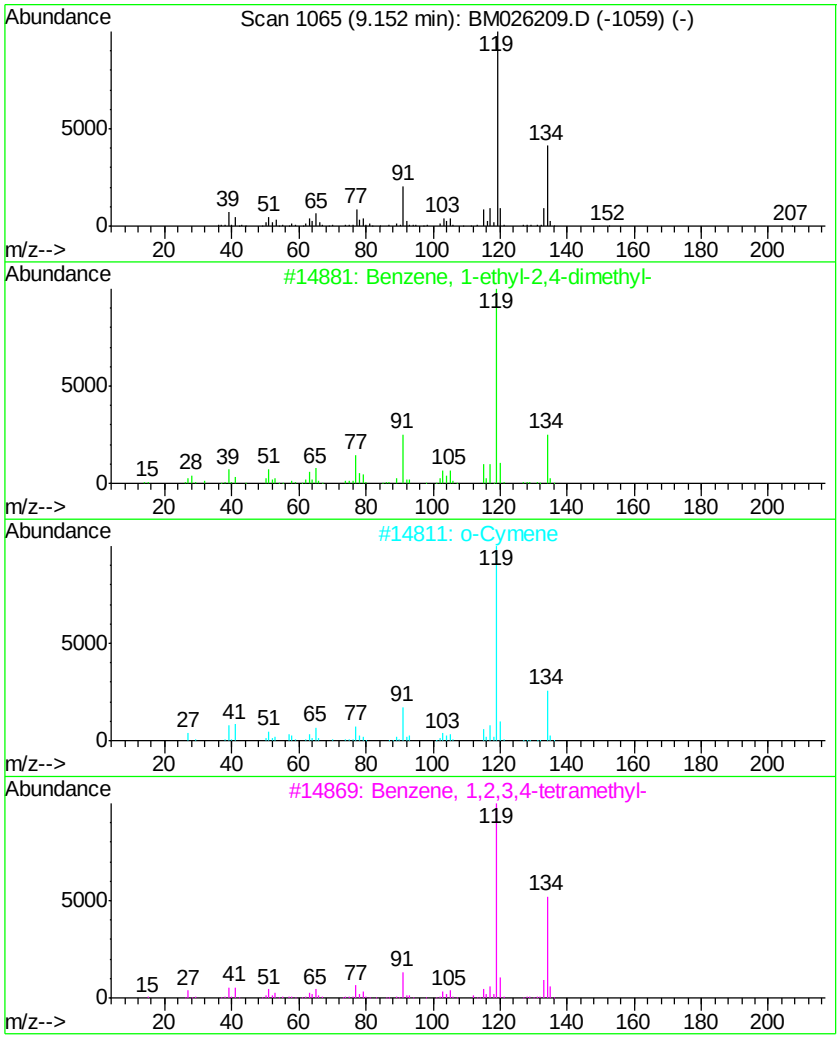
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

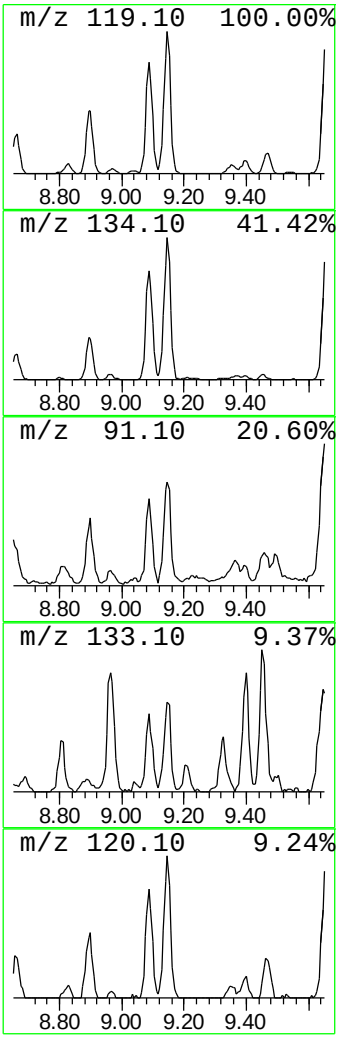
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.15 | 5.05 ng/ul | 380650 | Naphthalene-d8 | 10.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 94 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 94 |
| 4 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 94 |
| 5 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 93 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

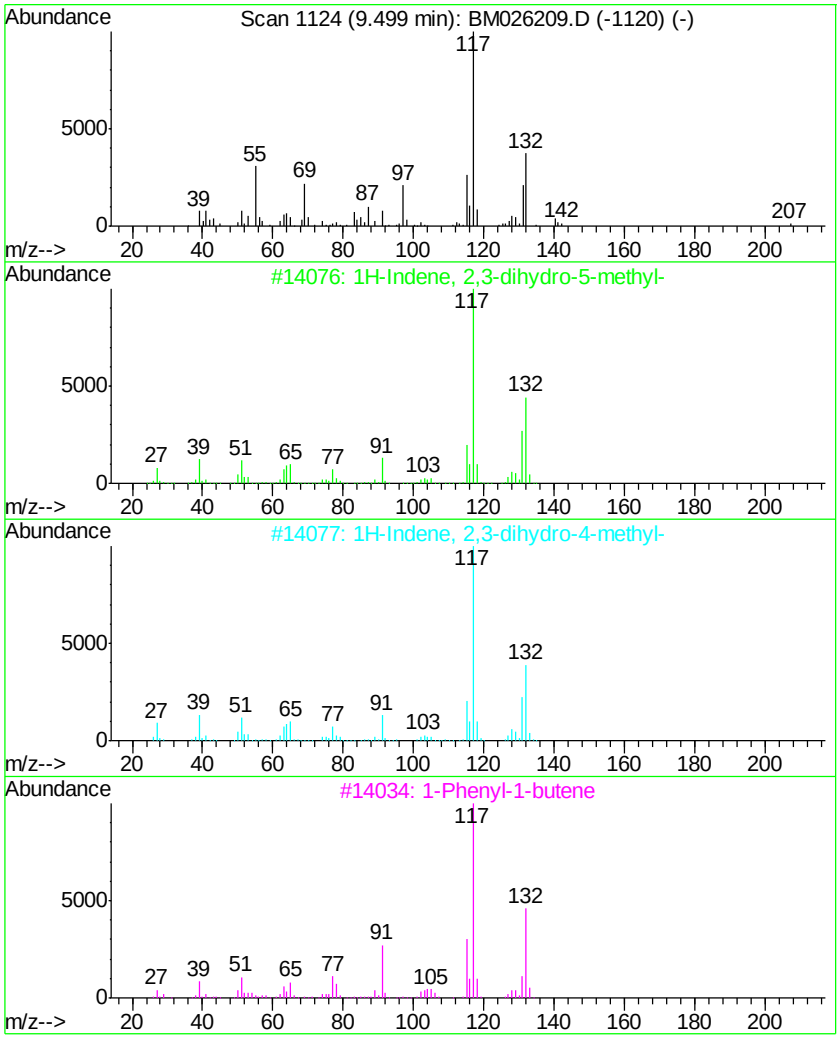
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

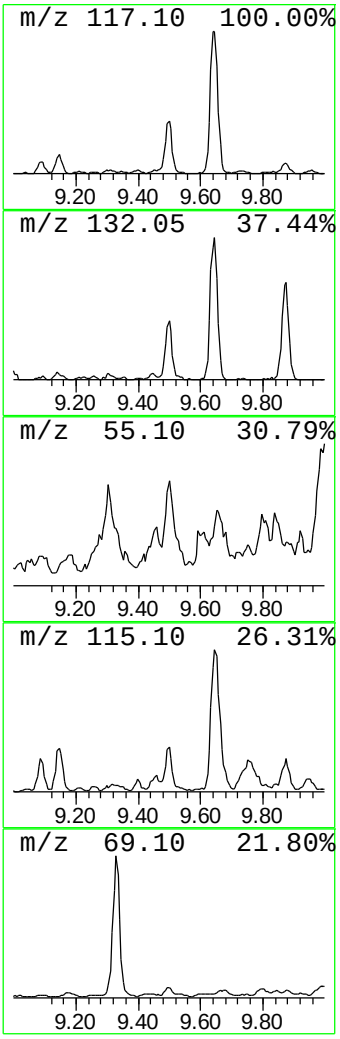
**********

Peak Number 14 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.50 | 3.18 ng/ul | 239941 | Naphthalene-d8 | 10.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 74 |
| 2 | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12 | 000824-22-6 | 72 |
| 3 | 1-Phenyl-1-butene | 132 | C10H12 | 000824-90-8 | 70 |
| 4 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 64 |
| 5 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 64 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

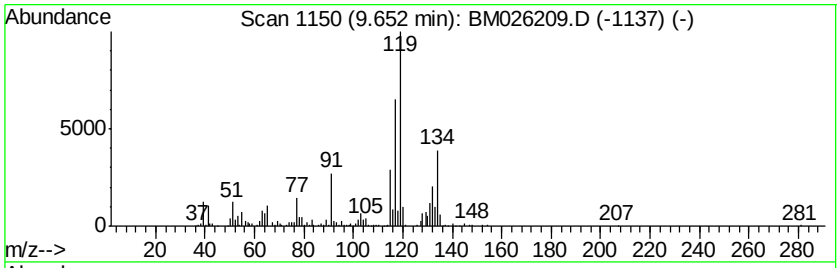
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

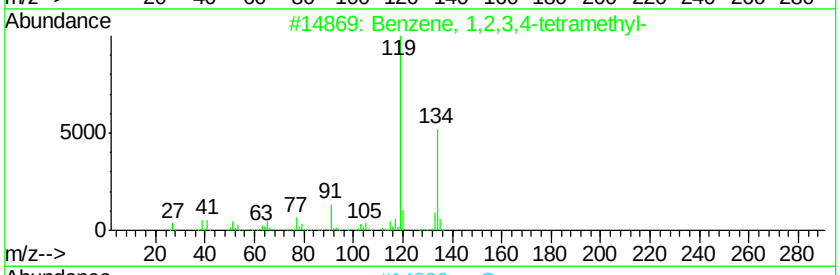
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

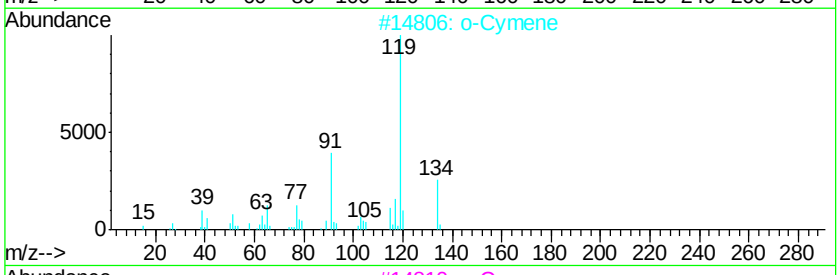
**********
Peak Number 15 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

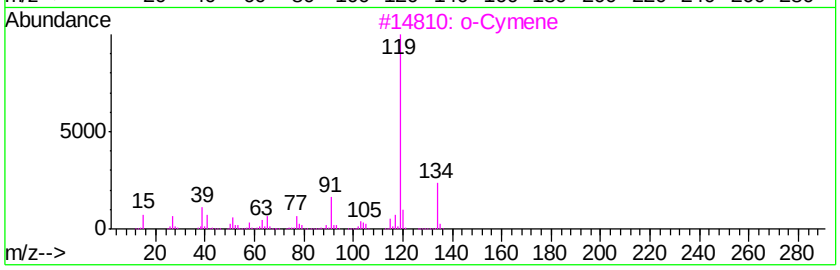
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.65 | 11.48 ng/ul | 865677 | Naphthalene-d8 | 10.23 |

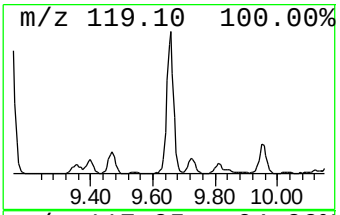
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 64 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 64 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 60 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 60 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 60 |

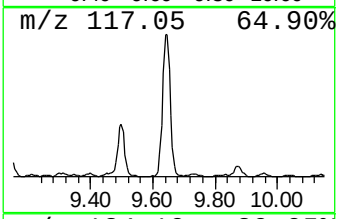


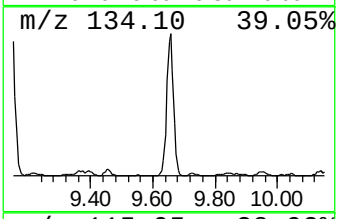



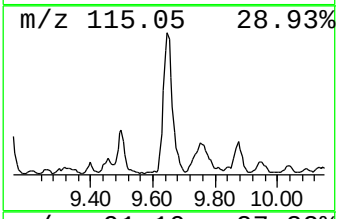



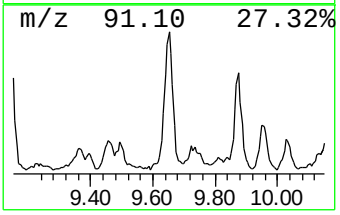



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

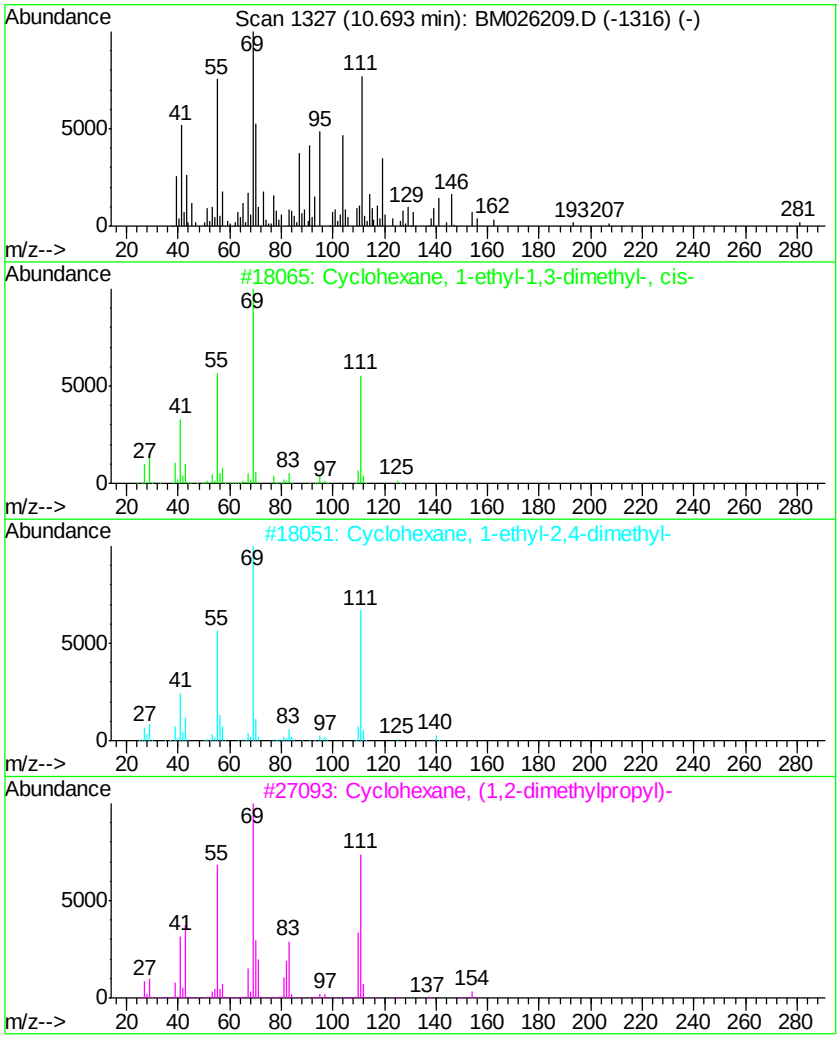
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

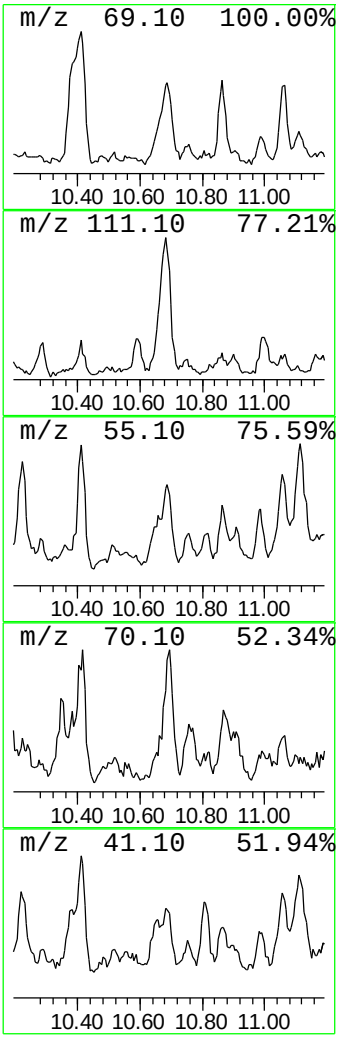
**********

Peak Number 17 (DEL) Alkane: Cyclic10.69 Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.69 | 4.22 ng/ul | 318546 | Naphthalene-d8 | 10.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-ethyl-1,3-dimethy... | 140 | C10H20 | 062238-31-7 | 35 |
| 2 | Cyclohexane, 1-ethyl-2,4-dimethyl- | 140 | C10H20 | 061142-69-6 | 35 |
| 3 | Cyclohexane, (1,2-dimethylpropyl)- | 154 | C11H22 | 051284-29-8 | 32 |
| 4 | 1-Hexene, 3,3-dimethyl- | 112 | C8H16 | 003404-77-1 | 30 |
| 5 | Cyanamide, dimethyl- | 70 | C3H6N2 | 001467-79-4 | 22 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

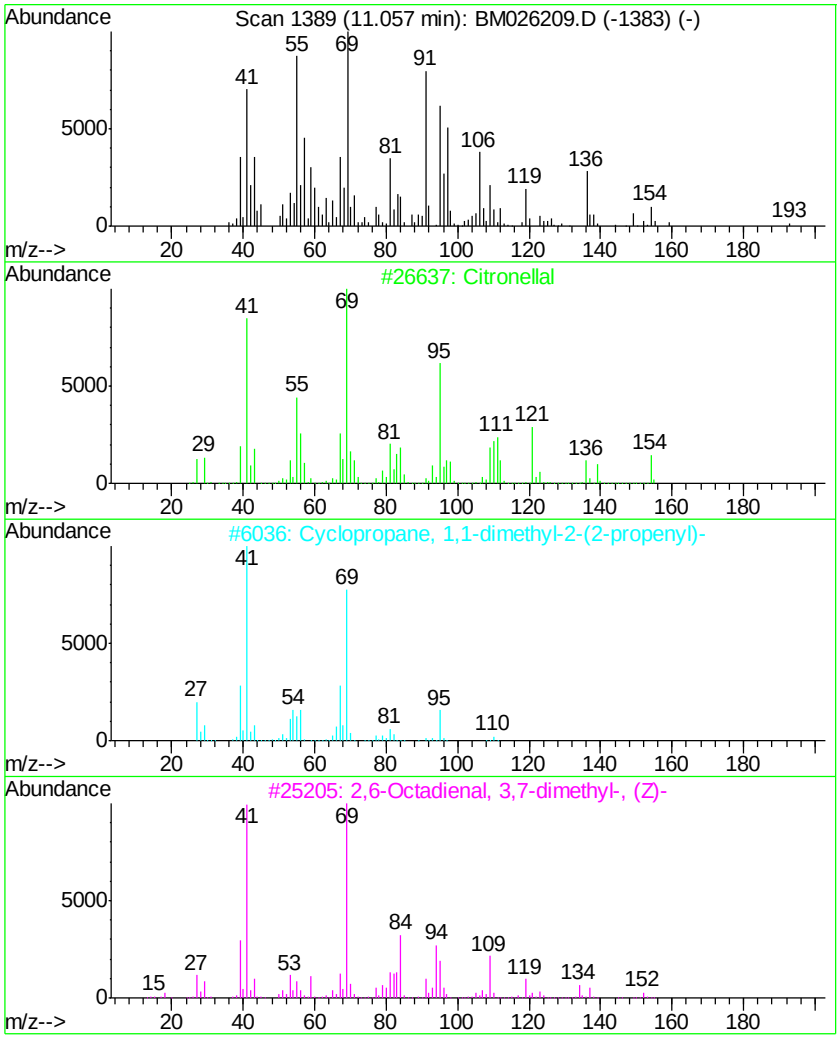
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

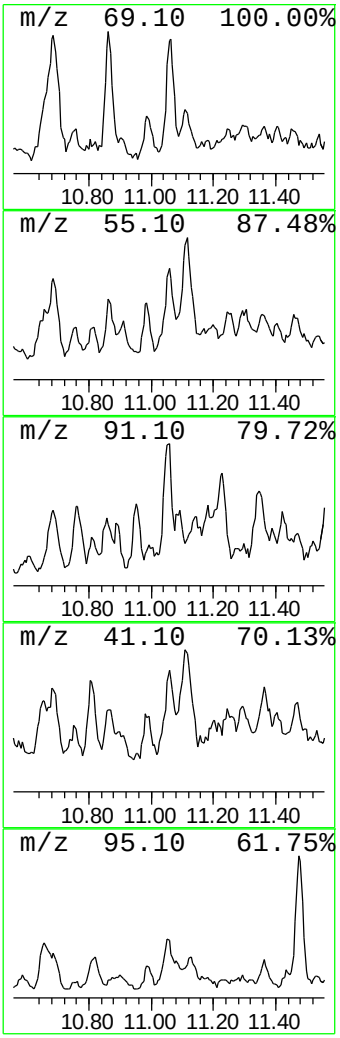
**********

Peak Number 18 unknown-03 Concentration Rank 44

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.06 | 3.05 ng/ul | 229856 | Naphthalene-d8 | 10.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Citronellal | 154 | C10H18O | 000106-23-0 | 41 |
| 2 | Cyclopropane, 1,1-dimethyl-2-(2-... | 110 | C8H14 | 036939-15-8 | 27 |
| 3 | 2,6-Octadienal, 3,7-dimethyl-, (Z)- | 152 | C10H16O | 000106-26-3 | 27 |
| 4 | 1,7-Nonadiene, 4,8-dimethyl- | 152 | C11H20 | 062108-28-5 | 27 |
| 5 | 3-Hexene, 3-ethyl-2,5-dimethyl- | 140 | C10H20 | 062338-08-3 | 27 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

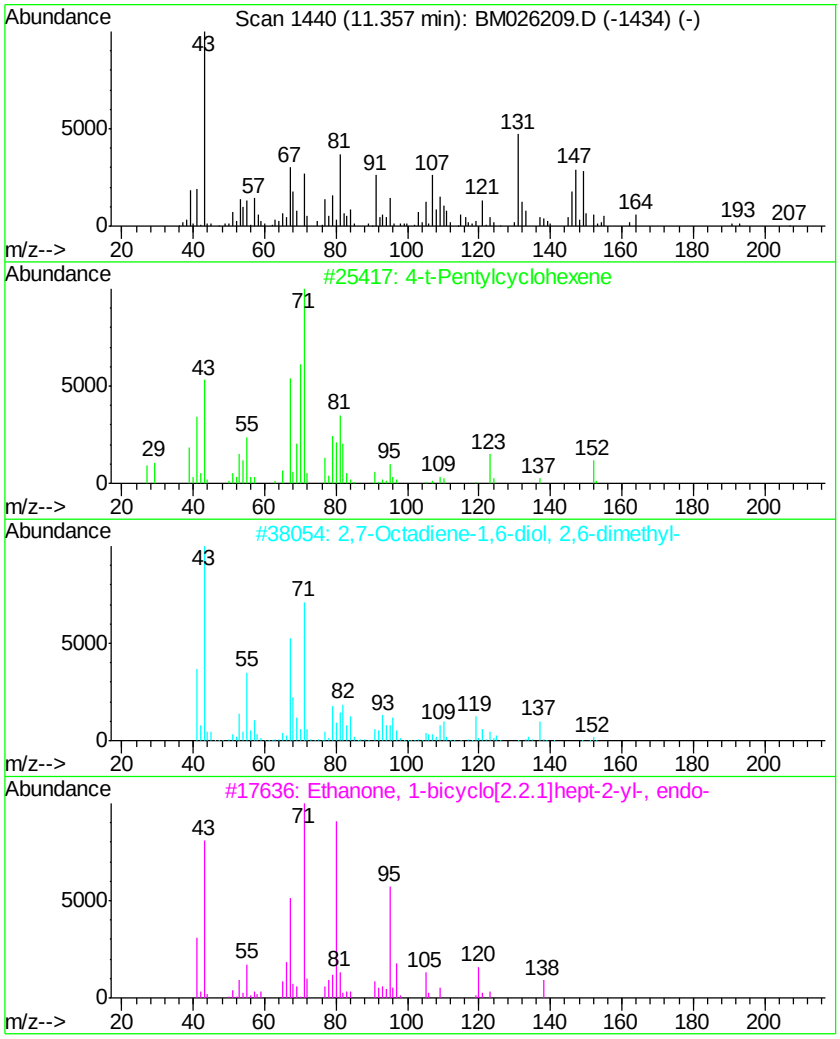
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

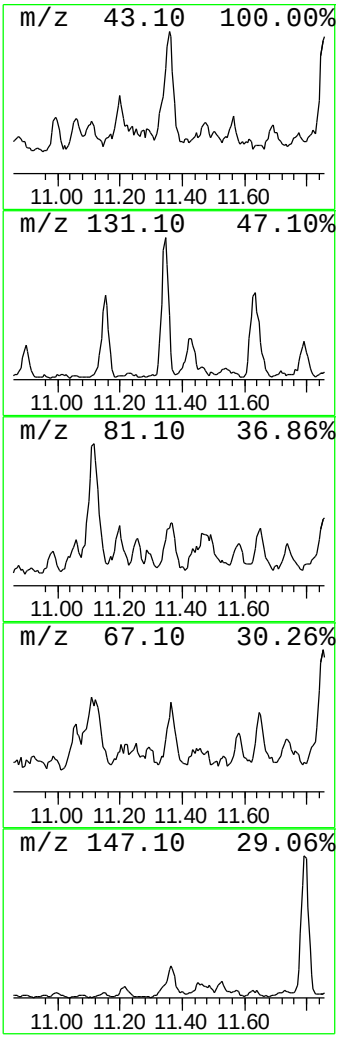
**********

Peak Number 19 unknown-04 Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.36 | 3.54 ng/ul | 266787 | Naphthalene-d8 | 10.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-t-Pentylcyclohexene | 152 | C11H20 | 051874-62-5 | 38 |
| 2 | 2,7-Octadiene-1,6-diol, 2,6-dime... | 170 | C10H18O2 | 064142-78-5 | 35 |
| 3 | Ethanone, 1-bicyclo[2.2.1]hept-2... | 138 | C9H14O | 000824-58-8 | 27 |
| 4 | 1-(3-Isopropenyl-2,2-dimethylcyc... | 180 | C12H20O | 077142-94-0 | 25 |
| 5 | 4-Acetyl-1-methylcyclohexene | 138 | C9H14O | 006090-09-1 | 25 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

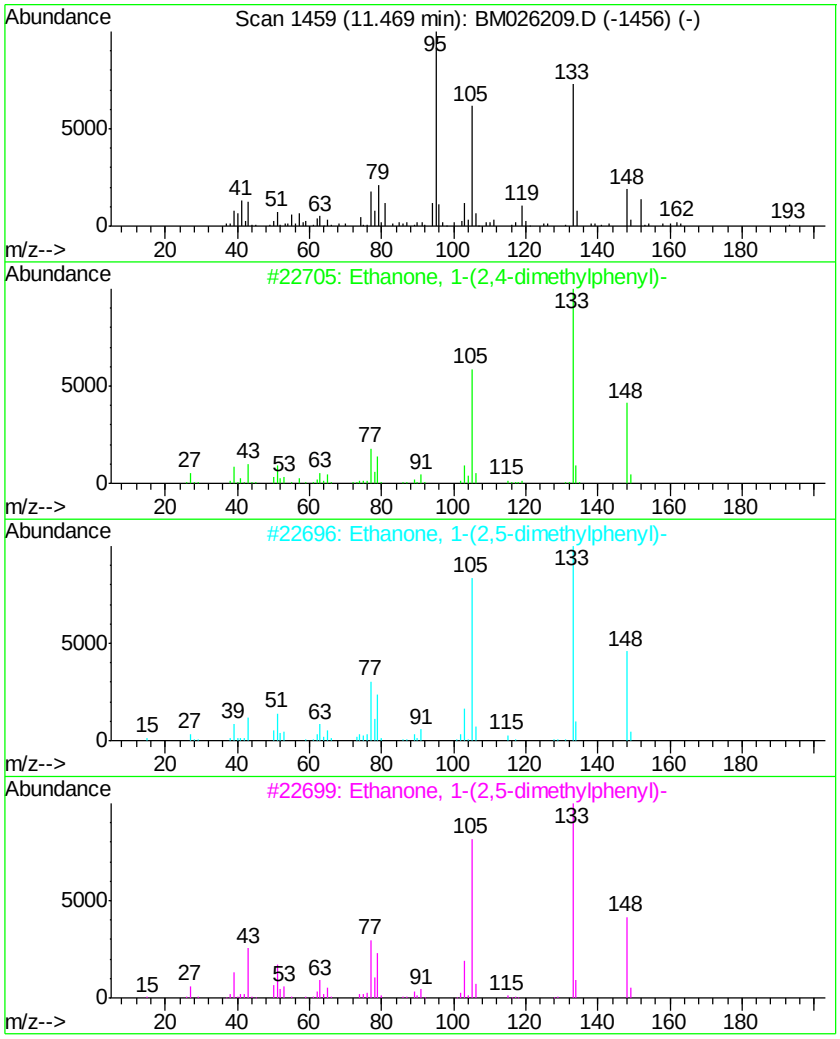
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

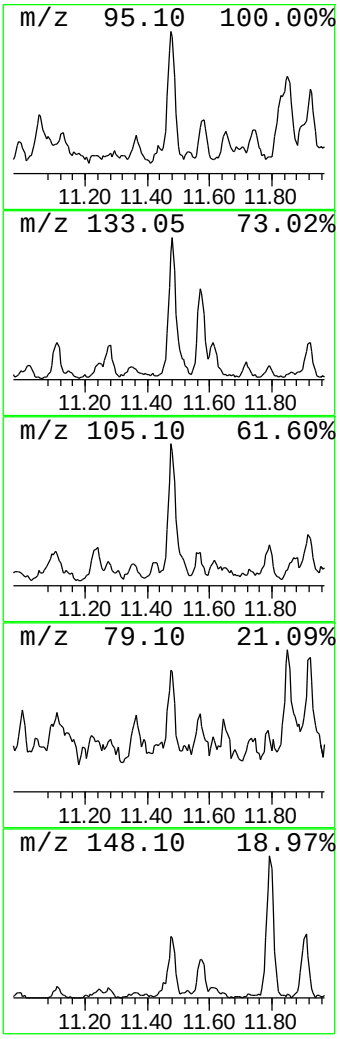
**********

Peak Number 20 Ethanone, 1-(2,4-dimethylph... Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.47 | 2.84 ng/ul | 214312 | Naphthalene-d8 | 10.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanone, 1-(2,4-dimethylphenyl)- | 148 | C10H12O | 000089-74-7 | 60 |
| 2 | Ethanone, 1-(2,5-dimethylphenyl)- | 148 | C10H12O | 002142-73-6 | 60 |
| 3 | Ethanone, 1-(2,5-dimethylphenyl)- | 148 | C10H12O | 002142-73-6 | 60 |
| 4 | Ethanone, 1-(3,4-dimethylphenyl)- | 148 | C10H12O | 003637-01-2 | 60 |
| 5 | Ethanone, 1-(2,4-dimethylphenyl)- | 148 | C10H12O | 000089-74-7 | 55 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

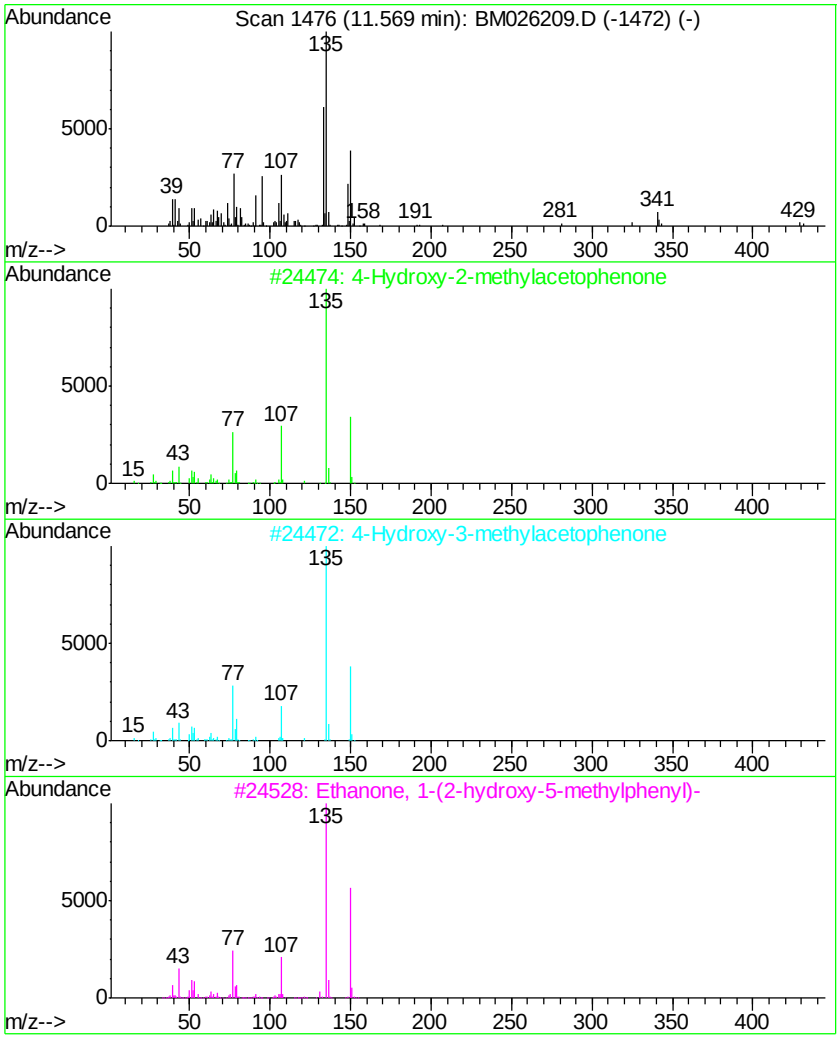
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

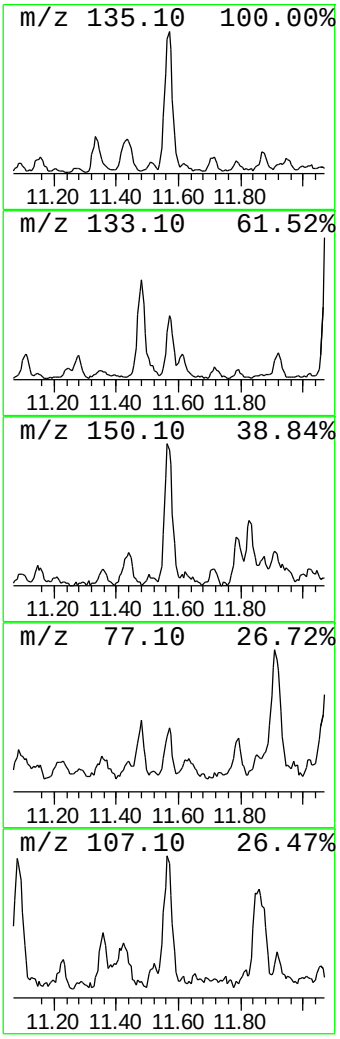
**********

Peak Number 21 4-Hydroxy-2-methylacetophenone Concentration Rank 50

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.57 | 2.62 ng/ul | 197289 | Naphthalene-d8 | 10.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Hydroxy-2-methylacetophenone | 150 | C9H10O2 | 000875-59-2 | 60 |
| 2 | 4-Hydroxy-3-methylacetophenone | 150 | C9H10O2 | 000876-02-8 | 60 |
| 3 | Ethanone, 1-(2-hydroxy-5-methylp... | 150 | C9H10O2 | 001450-72-2 | 60 |
| 4 | 4-Hydroxy-3-methylacetophenone | 150 | C9H10O2 | 000876-02-8 | 53 |
| 5 | 4-Hydroxy-3-methylacetophenone | 150 | C9H10O2 | 000876-02-8 | 49 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

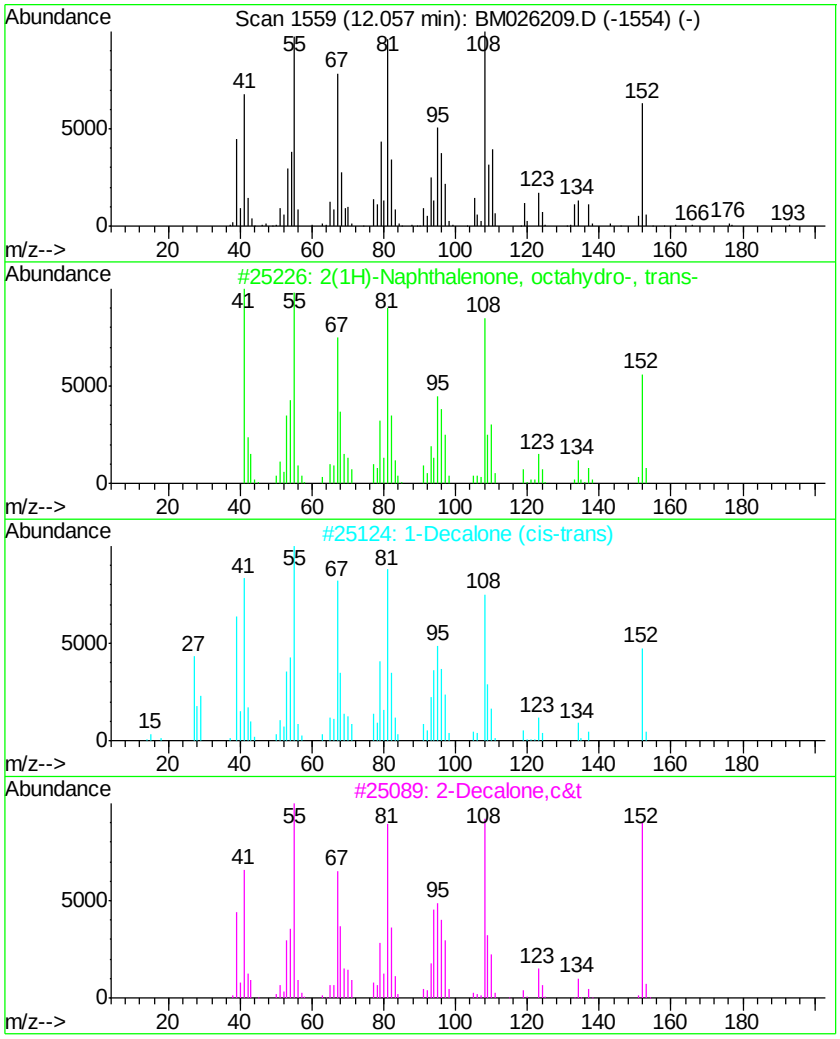
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

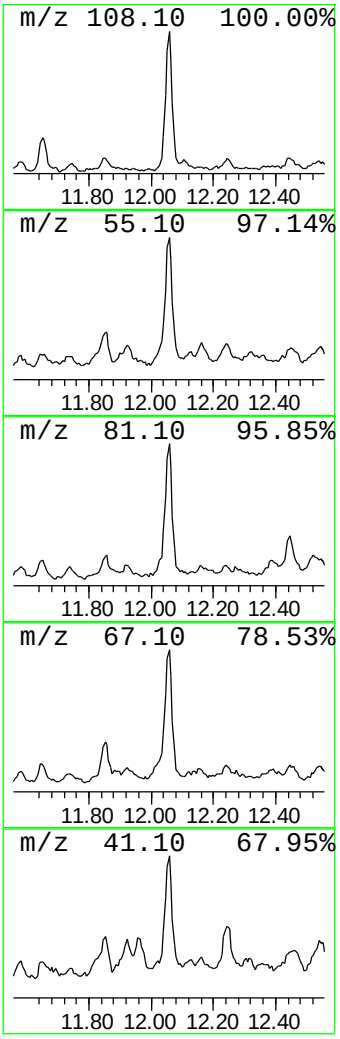
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 2(1H)-Naphthalenone, octahy... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.06 | 12.06 ng/ul | 909986 | Naphthalene-d8 | 10.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2(1H)-Naphthalenone, octahydro-,... | 152 | C10H16O | 016021-08-2 | 97 |
| 2 | 1-Decalone (cis-trans) | 152 | C10H16O | 004832-16-0 | 94 |
| 3 | 2-Decalone,c&t | 152 | C10H16O | 004832-17-1 | 90 |
| 4 | 2(1H)-Naphthalenone, octahydro-,... | 152 | C10H16O | 016021-08-2 | 86 |
| 5 | Naphthalene, decahydro-2-methyl- | 152 | C11H20 | 002958-76-1 | 55 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

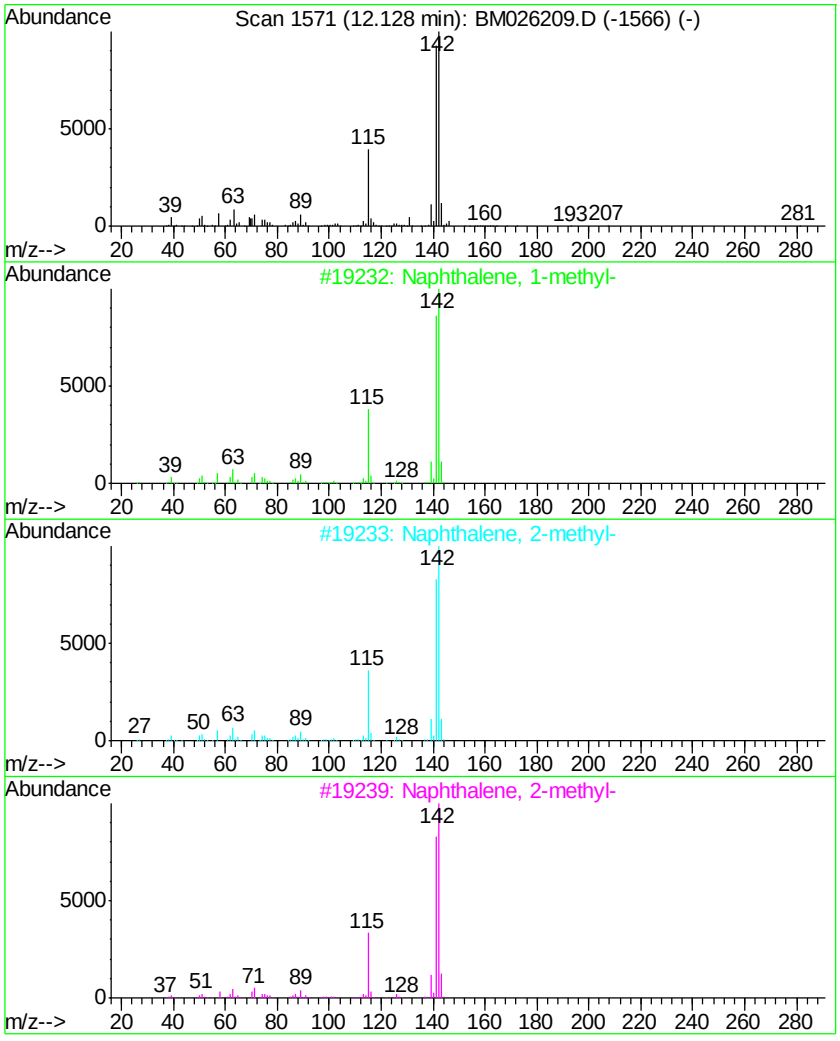
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

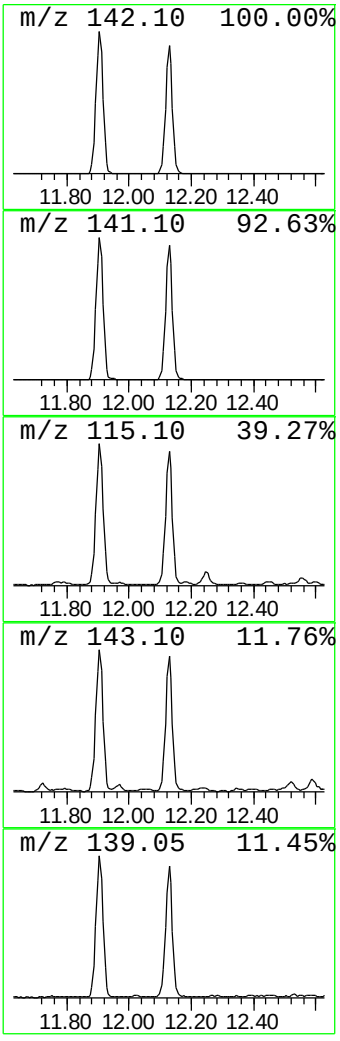
**********

Peak Number 23 Naphthalene, 1-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.13 | 31.02 ng/ul | 2339740 | Naphthalene-d8 | 10.23 |

| 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 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 96 |
| 4 | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10 | 004453-90-1 | 94 |
| 5 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 94 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

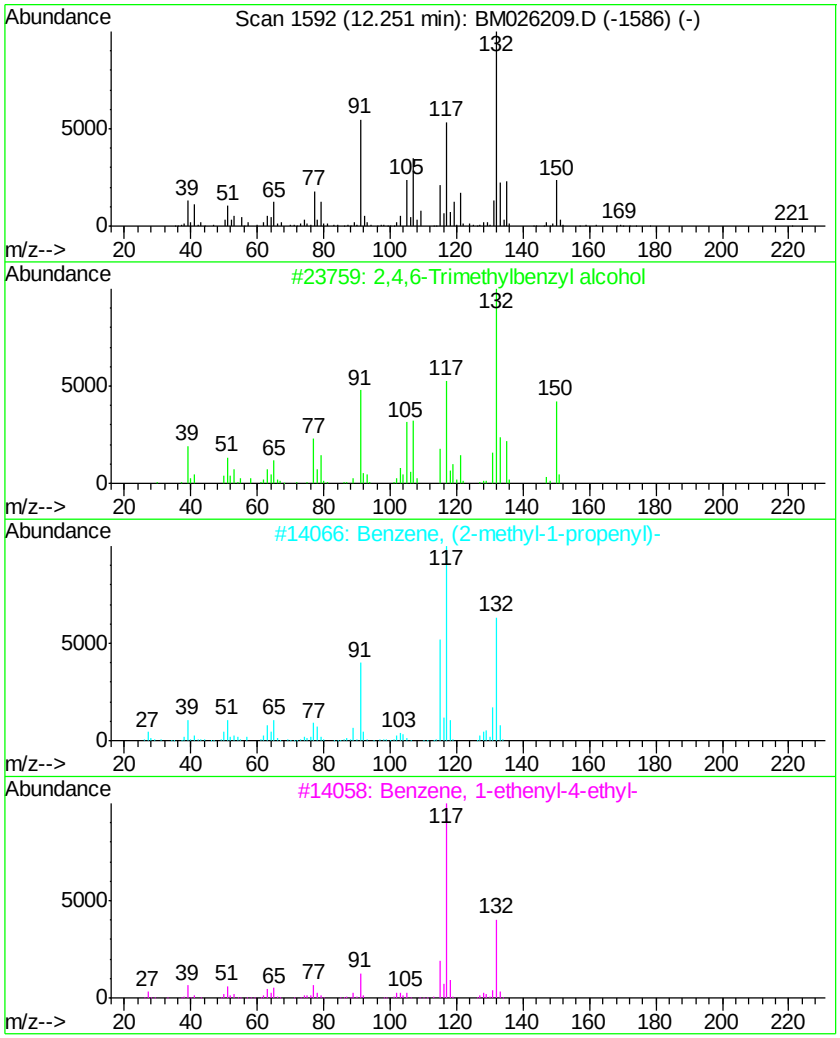
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

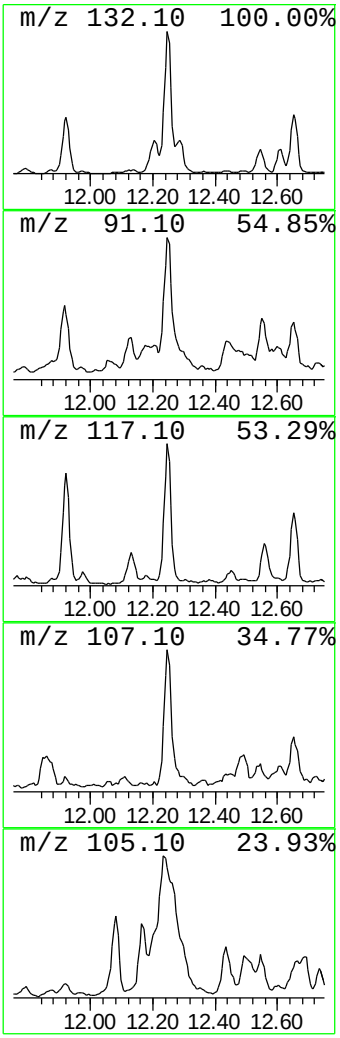
**********

Peak Number 24 2,4,6-Trimethylbenzyl alcohol Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.25 | 16.48 ng/ul | 1625700 | Acenaphthene-d10 | 14.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4,6-Trimethylbenzyl alcohol | 150 | C10H14O | 1000342-65-8 | 52 |
| 2 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 49 |
| 3 | Benzene, 1-ethenyl-4-ethyl- | 132 | C10H12 | 003454-07-7 | 46 |
| 4 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 46 |
| 5 | Benzene, 2-ethenyl-1,3-dimethyl- | 132 | C10H12 | 002039-90-9 | 43 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

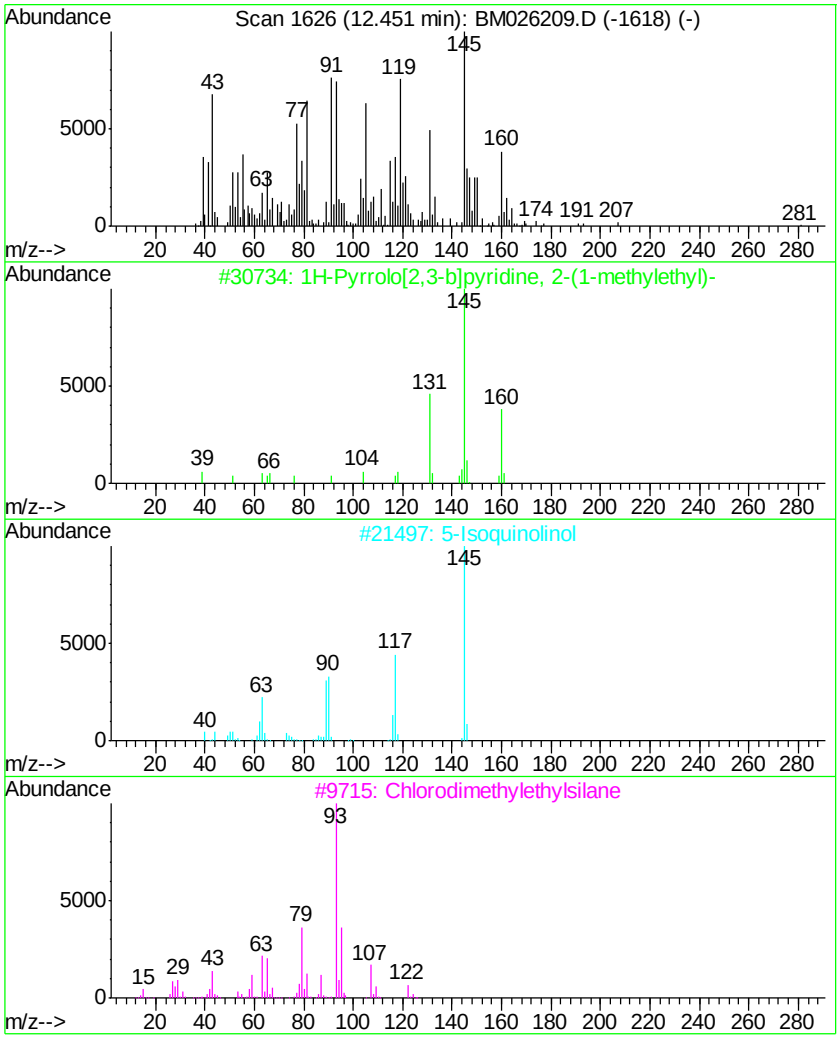
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

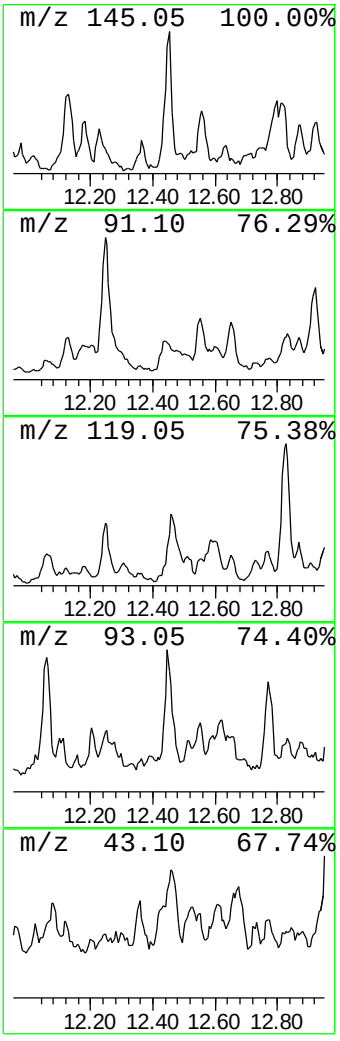
**********

Peak Number 25 unknown-06 Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.45 | 4.79 ng/ul | 472766 | Acenaphthene-d10 | 14.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Pyrrolo[2,3-b]pyridine, 2-(1-... | 160 | C10H12N2 | 027257-18-7 | 35 |
| 2 | 5-Isoquinolinol | 145 | C9H7NO | 002439-04-5 | 15 |
| 3 | Chlorodimethylethylsilane | 122 | C4H11ClSi | 006917-76-6 | 15 |
| 4 | 1-(2,6-Dimethyl-phenyl)-1H-tetra... | 174 | C9H10N4 | 1000300-00-2 | 14 |
| 5 | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16 | 054340-85-1 | 14 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

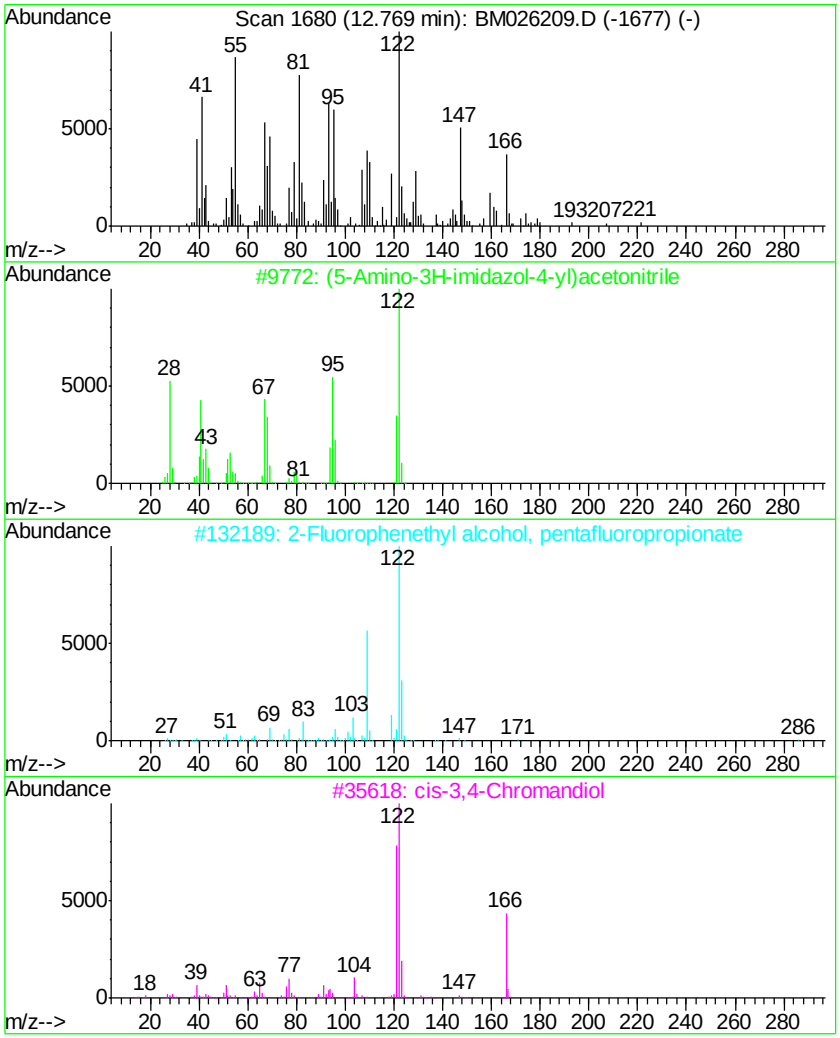
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

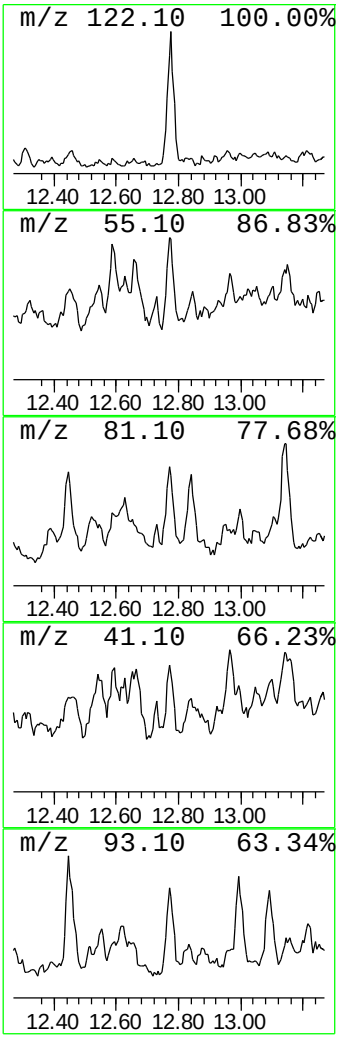
**********

Peak Number 26 unknown-07 Concentration Rank 54

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.77 | 2.08 ng/ul | 205228 | Acenaphthene-d10 | 14.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (5-Amino-3H-imidazol-4-yl)aceton... | 122 | C5H6N4 | 1000191-16-3 | 42 |
| 2 | 2-Fluorophenethyl alcohol, penta... | 286 | C11H8F6O2 | 1000365-55-3 | 27 |
| 3 | cis-3,4-Chromandiol | 166 | C9H10O3 | 017698-40-7 | 27 |
| 4 | Benzeneethanol, 2-methoxy-.alpha... | 166 | C10H14O2 | 015541-26-1 | 27 |
| 5 | Benzene, 1-methoxy-4-methyl- | 122 | C8H10O | 000104-93-8 | 18 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

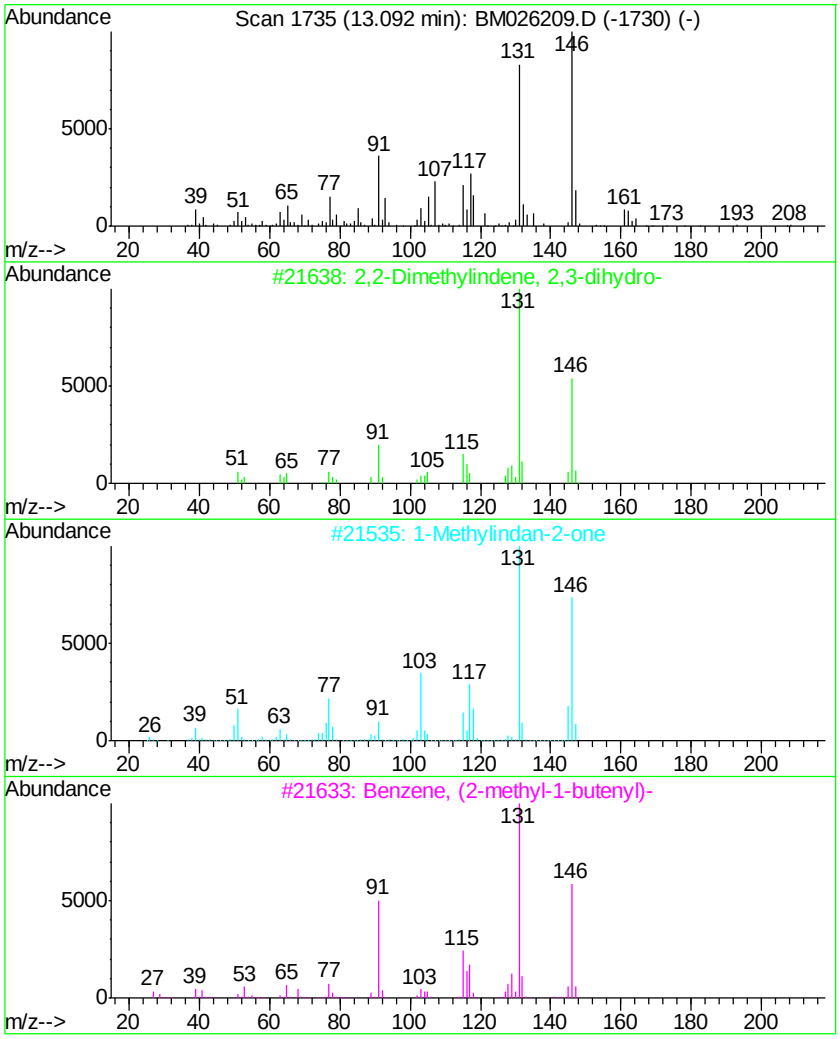
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

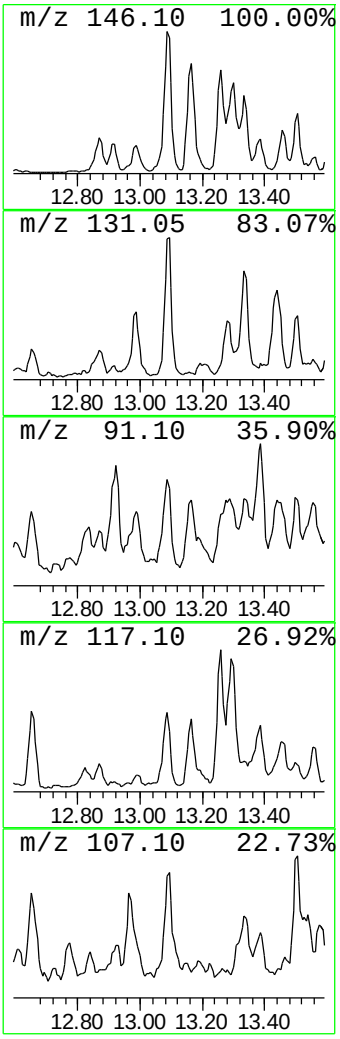
**********

Peak Number 28 2,2-Dimethylindene, 2,3-dih... Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.09 | 4.53 ng/ul | 446807 | Acenaphthene-d10 | 14.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 64 |
| 2 | 1-Methylindan-2-one | 146 | C10H10O | 035587-60-1 | 53 |
| 3 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 53 |
| 4 | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 | C11H14 | 000769-25-5 | 53 |
| 5 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 50 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

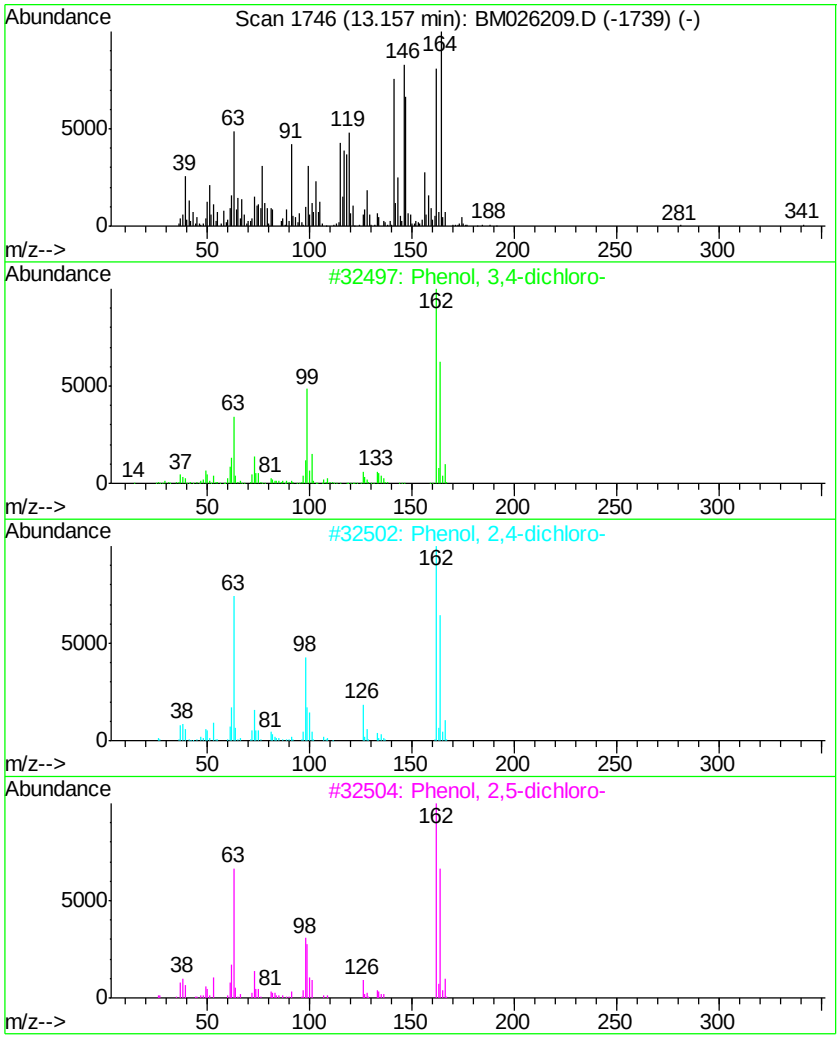
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

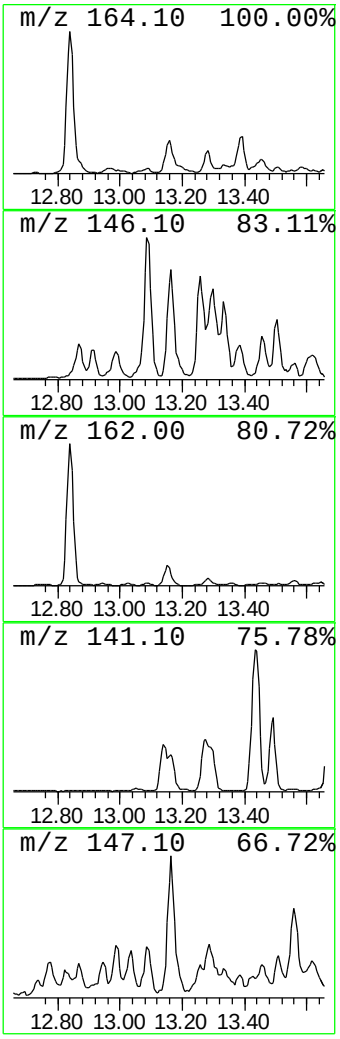
**********

Peak Number 29 Phenol, 3,4-dichloro- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.16 | 13.71 ng/ul | 1353050 | Acenaphthene-d10 | 14.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 59 |
| 2 | Phenol, 2,4-dichloro- | 162 | C6H4Cl2O | 000120-83-2 | 46 |
| 3 | Phenol, 2,5-dichloro- | 162 | C6H4Cl2O | 000583-78-8 | 46 |
| 4 | Phenol, 2,6-dichloro- | 162 | C6H4Cl2O | 000087-65-0 | 41 |
| 5 | Phenol, 2,3-dichloro- | 162 | C6H4Cl2O | 000576-24-9 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

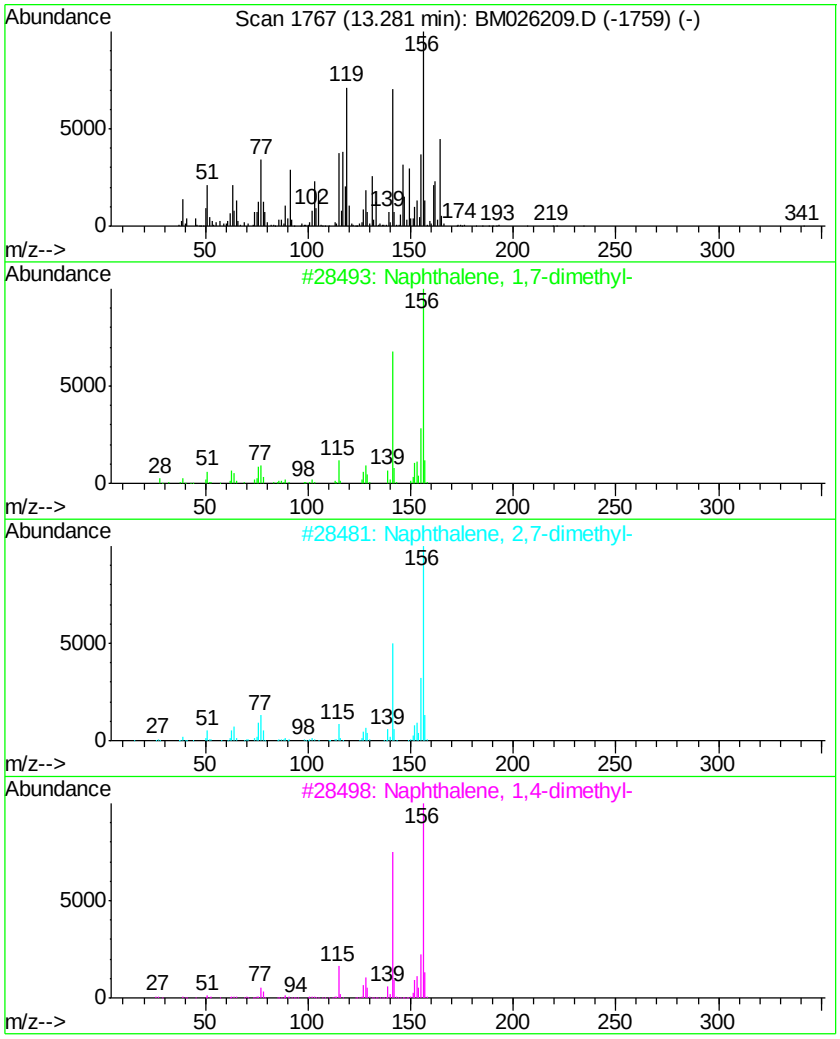
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

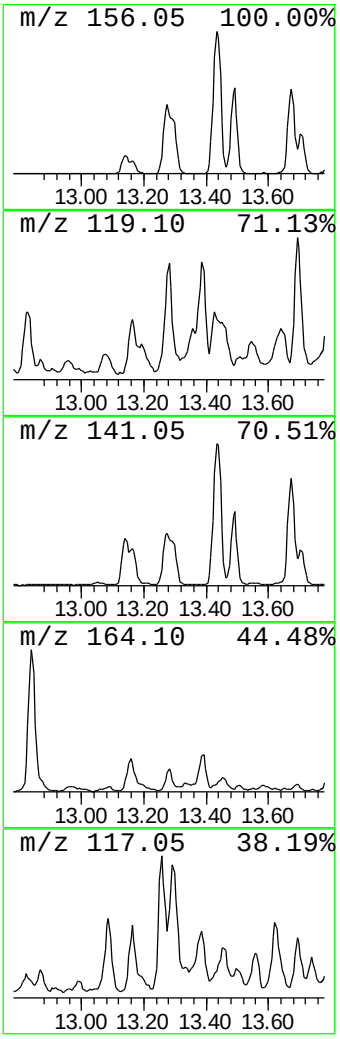
**********

Peak Number 30 Naphthalene, 1,7-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.28 | 17.48 ng/ul | 1724430 | Acenaphthene-d10 | 14.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 93 |
| 2 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 93 |
| 3 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 86 |
| 4 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 86 |
| 5 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 86 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

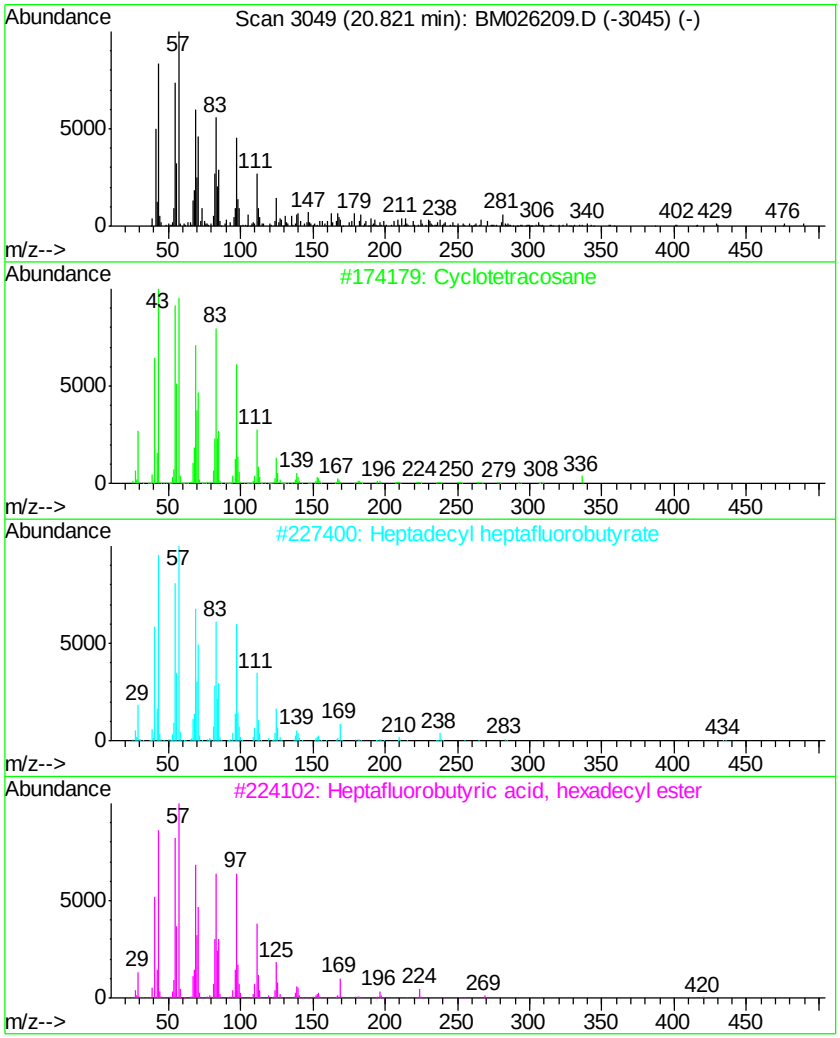
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

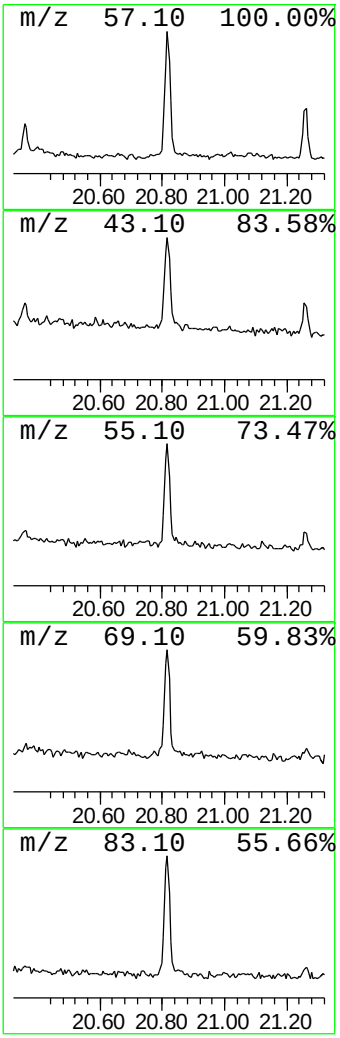
**********

Peak Number 54 (DEL) Alkane: Cyclic20.82 Concentration Rank 51

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.82 | 2.43 ng/ul | 277133 | Chrysene-d12 | 21.07 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 94 |
| 2 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 94 |
| 3 | Heptafluorobutyric acid, hexadec... | 438 | C20H33F7O2 | 006385-15-5 | 94 |
| 4 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |
| 5 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 94 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026209.D
Acq On : 01 Jun 2020 22:28
Operator : JU/CG
Sample : L2829-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C5CD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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, 1,3-dime... | 5.52 | 7.3 | ng/ul | 357633 | 1 | 7.47 | 976638 | 20.0 |
| Benzene, 1-ethyl-... | 6.88 | 6.6 | ng/ul | 324207 | 1 | 7.47 | 976638 | 20.0 |
| Benzene, 1,2,3-tr... | 7.13 | 26.6 | ng/ul | 1301180 | 1 | 7.47 | 976638 | 20.0 |
| Benzene, 1,2,4-tr... | 7.59 | 21.8 | ng/ul | 1062500 | 1 | 7.47 | 976638 | 20.0 |
| Indane | 7.84 | 6.2 | ng/ul | 304270 | 1 | 7.47 | 976638 | 20.0 |
| Benzene, 1-ethyl-... | 8.11 | 4.9 | ng/ul | 238611 | 1 | 7.47 | 976638 | 20.0 |
| Benzene, 1-methyl... | 8.27 | 4.5 | ng/ul | 219841 | 1 | 7.47 | 976638 | 20.0 |
| Benzene, 2-ethyl-... | 8.42 | 4.4 | ng/ul | 214942 | 1 | 7.47 | 976638 | 20.0 |
| unknown-01 | 8.52 | 4.4 | ng/ul | 215646 | 1 | 7.47 | 976638 | 20.0 |
| unknown-02 | 8.81 | 4.0 | ng/ul | 192937 | 1 | 7.47 | 976638 | 20.0 |
| Benzene, 1-ethyl-... | 8.90 | 3.7 | ng/ul | 281829 | 2 | 10.23 | 1508540 | 20.0 |
| Benzene, 1,2,3,5-... | 9.09 | 3.6 | ng/ul | 268622 | 2 | 10.23 | 1508540 | 20.0 |
| Benzene, 1-ethyl-... | 9.15 | 5.0 | ng/ul | 380650 | 2 | 10.23 | 1508540 | 20.0 |
| 1H-Indene, 2,3-di... | 9.50 | 3.2 | ng/ul | 239941 | 2 | 10.23 | 1508540 | 20.0 |
| Benzene, 1,2,3,4-... | 9.65 | 11.5 | ng/ul | 865677 | 2 | 10.23 | 1508540 | 20.0 |
| (DEL) Alkane: Cyc... | 10.69 | 4.2 | ng/ul | 318546 | 2 | 10.23 | 1508540 | 20.0 |
| unknown-03 | 11.06 | 3.0 | ng/ul | 229856 | 2 | 10.23 | 1508540 | 20.0 |
| unknown-04 | 11.36 | 3.5 | ng/ul | 266787 | 2 | 10.23 | 1508540 | 20.0 |
| Ethanone, 1-(2,4-... | 11.47 | 2.8 | ng/ul | 214312 | 2 | 10.23 | 1508540 | 20.0 |
| 4-Hydroxy-2-methy... | 11.57 | 2.6 | ng/ul | 197289 | 2 | 10.23 | 1508540 | 20.0 |
| 2(1H)-Naphthaleno... | 12.06 | 12.1 | ng/ul | 909986 | 2 | 10.23 | 1508540 | 20.0 |
| Naphthalene, 1-me... | 12.13 | 31.0 | ng/ul | 2339740 | 2 | 10.23 | 1508540 | 20.0 |
| 2,4,6-Trimethylbe... | 12.25 | 16.5 | ng/ul | 1625700 | 3 | 14.12 | 1973120 | 20.0 |
| unknown-06 | 12.45 | 4.8 | ng/ul | 472766 | 3 | 14.12 | 1973120 | 20.0 |
| unknown-07 | 12.77 | 2.1 | ng/ul | 205228 | 3 | 14.12 | 1973120 | 20.0 |
| 2,2-Dimethylinden... | 13.09 | 4.5 | ng/ul | 446807 | 3 | 14.12 | 1973120 | 20.0 |
| Phenol, 3,4-dichl... | 13.16 | 13.7 | ng/ul | 1353050 | 3 | 14.12 | 1973120 | 20.0 |
| Naphthalene, 1,7-... | 13.28 | 17.5 | ng/ul | 1724430 | 3 | 14.12 | 1973120 | 20.0 |
| (DEL) Alkane: Cyc... | 20.82 | 2.4 | ng/ul | 277133 | 5 | 21.07 | 2284330 | 20.0 |