LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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 | 3.028 | 18 | 24 | 52 | rVB | 16257361 | 26224400 | 14.75% | 2.728% |
| 2 | 3.411 | 80 | 89 | 93 | rBV2 | 33308522 | 68434362 | 38.49% | 7.119% |
| 3 | 3.811 | 143 | 157 | 161 | rBV3 | 43341085 | 177807626 | 100.00% | 18.496% |
| 4 | 3.846 | 161 | 163 | 166 | rVB | 1051224 | 920390 | 0.52% | 0.096% |
| 5 | 3.964 | 179 | 183 | 193 | rVB | 7599827 | 9178347 | 5.16% | 0.955% |
| 6 | 4.275 | 231 | 236 | 245 | rVB | 942599 | 1297349 | 0.73% | 0.135% |
| 7 | 5.052 | 361 | 368 | 375 | rVV | 16391629 | 23648730 | 13.30% | 2.460% |
| 8 | 5.187 | 383 | 391 | 403 | rVV | 23465995 | 51396953 | 28.91% | 5.346% |
| 9 | 5.522 | 439 | 448 | 450 | rVV | 19290086 | 33325593 | 18.74% | 3.467% |
| 10 | 5.546 | 450 | 452 | 463 | rVB | 19081247 | 21873706 | 12.30% | 2.275% |
| 11 | 6.487 | 606 | 612 | 622 | rBV | 443906 | 749545 | 0.42% | 0.078% |
| 12 | 6.593 | 622 | 630 | 635 | rVV | 1622111 | 2455406 | 1.38% | 0.255% |
| 13 | 6.658 | 635 | 641 | 647 | rVV2 | 1369417 | 2455565 | 1.38% | 0.255% |
| 14 | 6.728 | 647 | 653 | 664 | rVB | 1559965 | 2351618 | 1.32% | 0.245% |
| 15 | 6.887 | 676 | 680 | 684 | rVV | 693996 | 1067432 | 0.60% | 0.111% |
| 16 | 6.928 | 684 | 687 | 693 | rVV2 | 489073 | 825958 | 0.46% | 0.086% |
| 17 | 7.152 | 718 | 725 | 732 | rVV2 | 6595417 | 11483425 | 6.46% | 1.195% |
| 18 | 7.234 | 732 | 739 | 751 | rVB2 | 1204115 | 2141125 | 1.20% | 0.223% |
| 19 | 7.487 | 776 | 782 | 785 | rBV | 722008 | 1090028 | 0.61% | 0.113% |
| 20 | 7.552 | 785 | 793 | 798 | rVV | 8924914 | 16317634 | 9.18% | 1.697% |
| 21 | 7.605 | 798 | 802 | 807 | rVV | 1588249 | 2415568 | 1.36% | 0.251% |
| 22 | 7.675 | 807 | 814 | 820 | rVB2 | 1269297 | 2295226 | 1.29% | 0.239% |
| 23 | 7.857 | 838 | 845 | 851 | rVB | 1351310 | 2111753 | 1.19% | 0.220% |
| 24 | 7.946 | 851 | 860 | 866 | rBV | 7482392 | 12748301 | 7.17% | 1.326% |
| 25 | 8.046 | 866 | 877 | 882 | rVB2 | 32231278 | 69946198 | 39.34% | 7.276% |
| 26 | 8.116 | 882 | 889 | 900 | rBV2 | 768395 | 1609176 | 0.91% | 0.167% |
| 27 | 8.305 | 917 | 921 | 930 | rVB | 493288 | 857742 | 0.48% | 0.089% |
| 28 | 8.587 | 963 | 969 | 973 | rBV2 | 566917 | 950813 | 0.53% | 0.099% |
| 29 | 8.634 | 973 | 977 | 988 | rVV2 | 409782 | 873894 | 0.49% | 0.091% |
| 30 | 9.210 | 1070 | 1075 | 1078 | rVV | 668154 | 1058238 | 0.60% | 0.110% |
| 31 | 9.693 | 1142 | 1157 | 1163 | rBV3 | 2672576 | 6462792 | 3.63% | 0.672% |
| 32 | 9.763 | 1163 | 1169 | 1173 | rBV | 2054599 | 4272157 | 2.40% | 0.444% |
| 33 | 9.899 | 1185 | 1192 | 1197 | rBV2 | 470018 | 860632 | 0.48% | 0.090% |
| 34 | 10.363 | 1245 | 1271 | 1275 | rVV2 | 39091430 | 149248122 | 83.94% | 15.525% |

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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 | 10.434 | 1275 | 1283 | 1289 | rVV | 3855268 | 5663415 | 3.19% | 0.589% |
| 36 | 10.904 | 1344 | 1363 | 1371 | rVB | 1363599 | 4811811 | 2.71% | 0.501% |
| 37 | 11.640 | 1484 | 1488 | 1494 | rVB2 | 642263 | 990945 | 0.56% | 0.103% |
| 38 | 11.928 | 1529 | 1537 | 1547 | rBV | 11045828 | 17742949 | 9.98% | 1.846% |
| 39 | 12.151 | 1560 | 1575 | 1580 | rBV | 7622921 | 13333314 | 7.50% | 1.387% |
| 40 | 12.251 | 1585 | 1592 | 1597 | rVV | 512402 | 906220 | 0.51% | 0.094% |
| 41 | 12.957 | 1706 | 1712 | 1723 | rBV | 2688113 | 4342496 | 2.44% | 0.452% |
| 42 | 13.292 | 1761 | 1769 | 1777 | rBV4 | 759765 | 2017200 | 1.13% | 0.210% |
| 43 | 13.451 | 1789 | 1796 | 1801 | rBV | 1658607 | 2823996 | 1.59% | 0.294% |
| 44 | 13.504 | 1801 | 1805 | 1809 | rVV | 816440 | 1093358 | 0.61% | 0.114% |
| 45 | 13.557 | 1809 | 1814 | 1815 | rVV | 901544 | 1171794 | 0.66% | 0.122% |
| 46 | 13.581 | 1815 | 1818 | 1824 | rVB2 | 1491158 | 2238733 | 1.26% | 0.233% |
| 47 | 13.687 | 1832 | 1836 | 1840 | rBV | 860652 | 1162935 | 0.65% | 0.121% |
| 48 | 13.851 | 1853 | 1864 | 1880 | rVB2 | 6202477 | 10508879 | 5.91% | 1.093% |
| 49 | 14.128 | 1905 | 1911 | 1917 | rVB3 | 1390618 | 2475798 | 1.39% | 0.258% |
| 50 | 14.192 | 1917 | 1922 | 1926 | rBV | 906495 | 1374714 | 0.77% | 0.143% |
| 51 | 14.539 | 1971 | 1981 | 1989 | rVB6 | 354989 | 959242 | 0.54% | 0.100% |
| 52 | 14.745 | 2010 | 2016 | 2023 | rBV3 | 458437 | 1153045 | 0.65% | 0.120% |
| 53 | 15.010 | 2056 | 2061 | 2068 | rVB2 | 799789 | 1603887 | 0.90% | 0.167% |
| 54 | 15.133 | 2076 | 2082 | 2086 | rVB | 1800997 | 2589353 | 1.46% | 0.269% |
| 55 | 15.186 | 2086 | 2091 | 2098 | rBV | 4121690 | 5989771 | 3.37% | 0.623% |
| 56 | 15.598 | 2156 | 2161 | 2165 | rBV | 1009895 | 1342967 | 0.76% | 0.140% |
| 57 | 15.886 | 2203 | 2210 | 2214 | rVV4 | 584085 | 958078 | 0.54% | 0.100% |
| 58 | 16.192 | 2255 | 2262 | 2267 | rBV2 | 527668 | 1176440 | 0.66% | 0.122% |
| 59 | 16.692 | 2341 | 2347 | 2352 | rBV2 | 1253445 | 2335144 | 1.31% | 0.243% |
| 60 | 16.880 | 2374 | 2379 | 2382 | rBV | 1415880 | 2074666 | 1.17% | 0.216% |
| 61 | 16.933 | 2382 | 2388 | 2392 | rVV | 17300399 | 25039563 | 14.08% | 2.605% |
| 62 | 16.980 | 2392 | 2396 | 2398 | rVV2 | 1477000 | 1891289 | 1.06% | 0.197% |
| 63 | 17.016 | 2398 | 2402 | 2408 | rVB | 5230949 | 6689605 | 3.76% | 0.696% |
| 64 | 17.416 | 2464 | 2470 | 2474 | rVV2 | 925051 | 1558514 | 0.88% | 0.162% |
| 65 | 17.757 | 2523 | 2528 | 2532 | rVV | 2022205 | 2674076 | 1.50% | 0.278% |
| 66 | 17.804 | 2532 | 2536 | 2543 | rVB | 2358901 | 3041092 | 1.71% | 0.316% |
| 67 | 17.886 | 2545 | 2550 | 2554 | rVB | 1028453 | 1300326 | 0.73% | 0.135% |
| 68 | 17.951 | 2554 | 2561 | 2565 | rBV2 | 3552425 | 6129470 | 3.45% | 0.638% |
| 69 | 17.986 | 2565 | 2567 | 2572 | rVB | 1347802 | 1471548 | 0.83% | 0.153% |
| 70 | 18.263 | 2609 | 2614 | 2619 | rVV | 1524596 | 1916288 | 1.08% | 0.199% |
| 71 | 18.680 | 2680 | 2685 | 2690 | rBV2 | 1065691 | 1823555 | 1.03% | 0.190% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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 | 18.751 | 2691 | 2697 | 2699 | rBV2 | 883338 | 1311011 | 0.74% | 0.136% |
| 73 | 18.951 | 2724 | 2731 | 2738 | rBV | 9392616 | 12460112 | 7.01% | 1.296% |
| 74 | 19.098 | 2751 | 2756 | 2761 | rVB | 3050747 | 3747400 | 2.11% | 0.390% |
| 75 | 19.316 | 2782 | 2793 | 2803 | rBV | 13276027 | 22157961 | 12.46% | 2.305% |
| 76 | 19.645 | 2844 | 2849 | 2859 | rVB2 | 605964 | 1212239 | 0.68% | 0.126% |
| 77 | 19.780 | 2866 | 2872 | 2873 | rVV2 | 732114 | 1105958 | 0.62% | 0.115% |
| 78 | 19.810 | 2874 | 2877 | 2882 | rVB | 1738576 | 2354752 | 1.32% | 0.245% |
| 79 | 19.916 | 2891 | 2895 | 2900 | rVV | 1626668 | 2091536 | 1.18% | 0.218% |
| 80 | 19.968 | 2900 | 2904 | 2908 | rVV | 1122390 | 1479309 | 0.83% | 0.154% |
| 81 | 20.068 | 2916 | 2921 | 2925 | rVV2 | 1101569 | 1613714 | 0.91% | 0.168% |
| 82 | 20.110 | 2925 | 2928 | 2932 | rVV | 993406 | 1298316 | 0.73% | 0.135% |
| 83 | 20.157 | 2932 | 2936 | 2945 | rVB | 1321195 | 1996460 | 1.12% | 0.208% |
| 84 | 20.763 | 3036 | 3039 | 3042 | rBV | 859535 | 1013666 | 0.57% | 0.105% |
| 85 | 20.798 | 3042 | 3045 | 3048 | rVV | 747921 | 780901 | 0.44% | 0.081% |
| 86 | 21.068 | 3085 | 3091 | 3096 | rBV3 | 6480901 | 11361996 | 6.39% | 1.182% |
| 87 | 21.115 | 3096 | 3099 | 3106 | rVB | 3674079 | 4536516 | 2.55% | 0.472% |
| 88 | 21.615 | 3181 | 3184 | 3190 | rVV2 | 761504 | 1260649 | 0.71% | 0.131% |
| 89 | 21.833 | 3218 | 3221 | 3227 | rVV2 | 898170 | 1281943 | 0.72% | 0.133% |
| 90 | 22.580 | 3342 | 3348 | 3359 | rBV | 1953469 | 5945365 | 3.34% | 0.618% |
| 91 | 22.733 | 3369 | 3374 | 3380 | rVB | 855878 | 1384099 | 0.78% | 0.144% |
| 92 | 23.021 | 3417 | 3423 | 3427 | rBV | 1837749 | 3237501 | 1.82% | 0.337% |
| 93 | 23.062 | 3427 | 3430 | 3433 | rVV | 1187076 | 1904410 | 1.07% | 0.198% |
| 94 | 23.109 | 3433 | 3438 | 3445 | rVV | 3537376 | 6112667 | 3.44% | 0.636% |
| 95 | 23.198 | 3447 | 3453 | 3457 | rVV | 1476823 | 2710519 | 1.52% | 0.282% |
| 96 | 23.245 | 3457 | 3461 | 3469 | rVB | 599753 | 1104097 | 0.62% | 0.115% |
| 97 | 23.998 | 3585 | 3589 | 3602 | rVB2 | 462871 | 968026 | 0.54% | 0.101% |
| 98 | 25.274 | 3799 | 3806 | 3817 | rVB2 | 1184376 | 3011894 | 1.69% | 0.313% |
| 99 | 25.909 | 3906 | 3914 | 3927 | rVB | 1171500 | 3209642 | 1.81% | 0.334% |
| 100 | 26.239 | 3965 | 3970 | 3982 | rVB | 567024 | 1559278 | 0.88% | 0.162% |

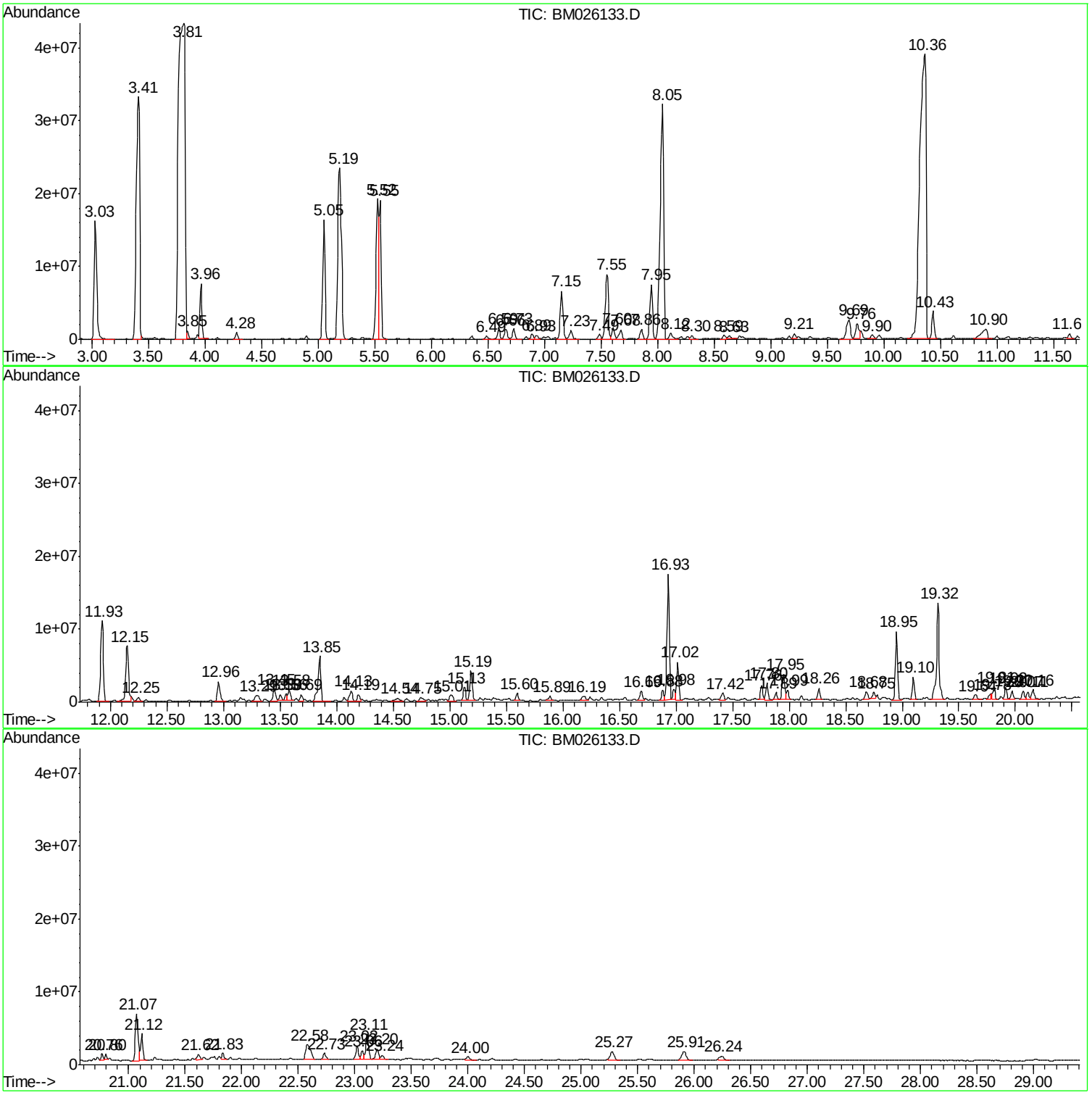
Sum of corrected areas: 961344217

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
ETKW9

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

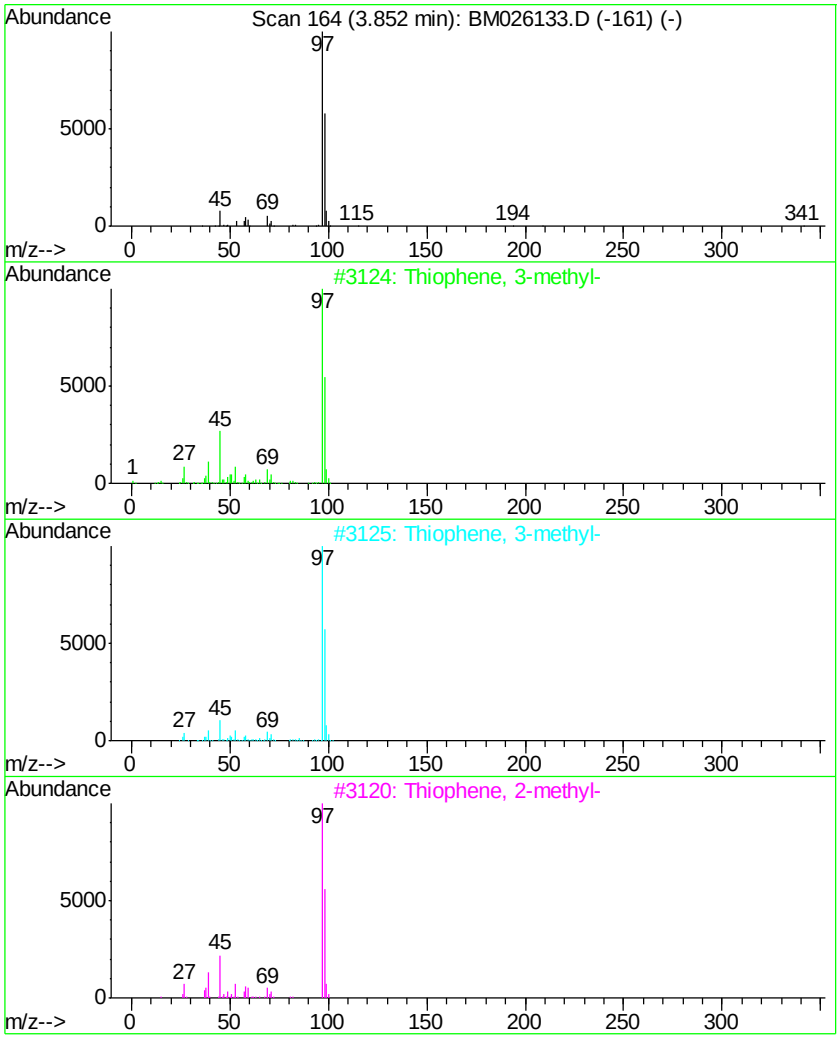
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

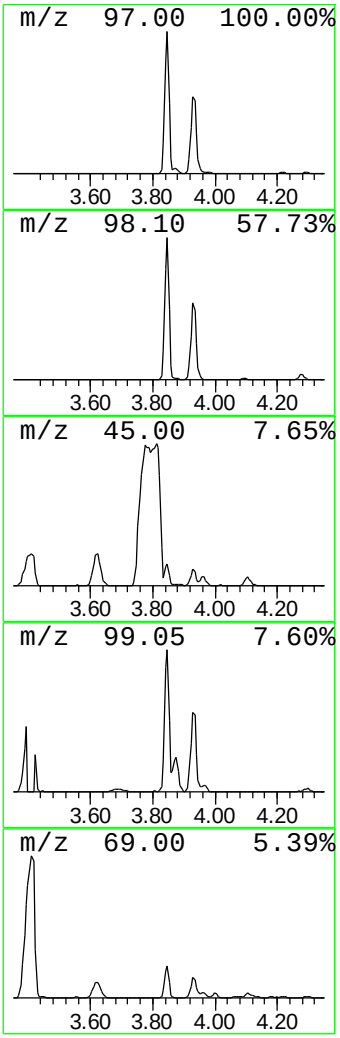
**********

Peak Number 3 Thiophene, 3-methyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.85 | 16.89 ng/ul | 920390 | 1,4-Dichlorobenzene-d4 | 7.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Thiophene, 3-methyl- | 98 | C5H6S | 000616-44-4 | 91 |
| 2 | Thiophene, 3-methyl- | 98 | C5H6S | 000616-44-4 | 90 |
| 3 | Thiophene, 2-methyl- | 98 | C5H6S | 000554-14-3 | 87 |
| 4 | Thiophene, 3-methyl- | 98 | C5H6S | 000616-44-4 | 87 |
| 5 | Thiophene, 2-methyl- | 98 | C5H6S | 000554-14-3 | 86 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
ETKW9

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

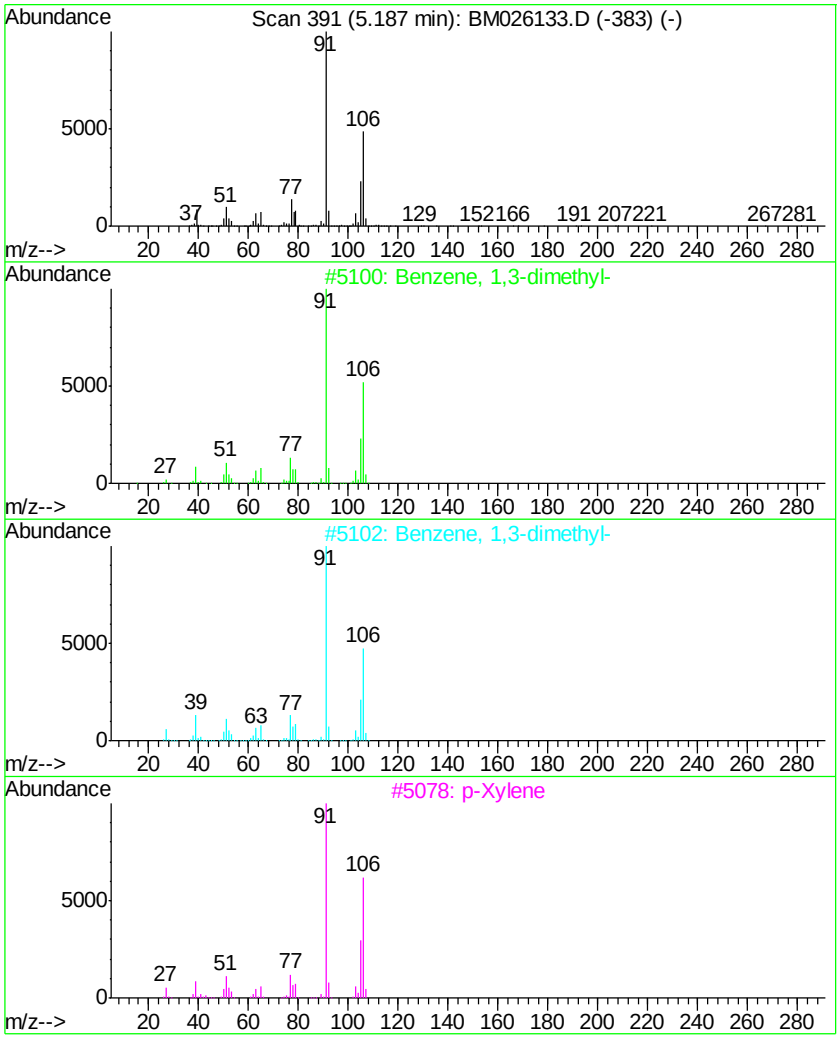
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

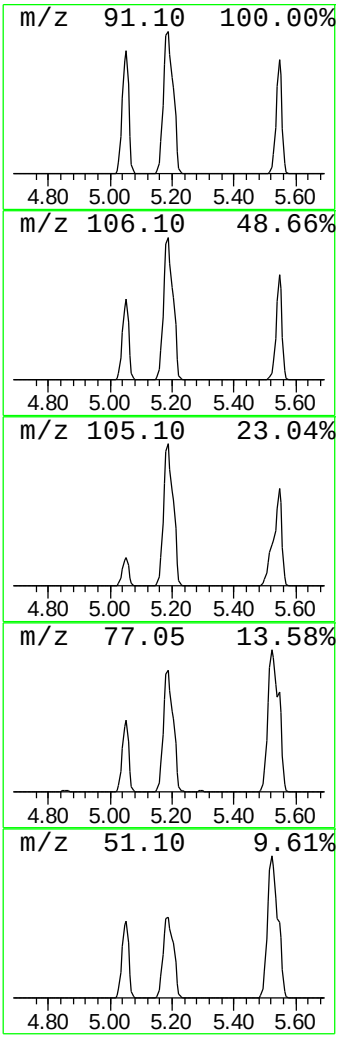
**********

Peak Number 7 Benzene, 1,3-dimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.19 | 943.04 ng/ul | 51397000 | 1,4-Dichlorobenzene-d4 | 7.49 |

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



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

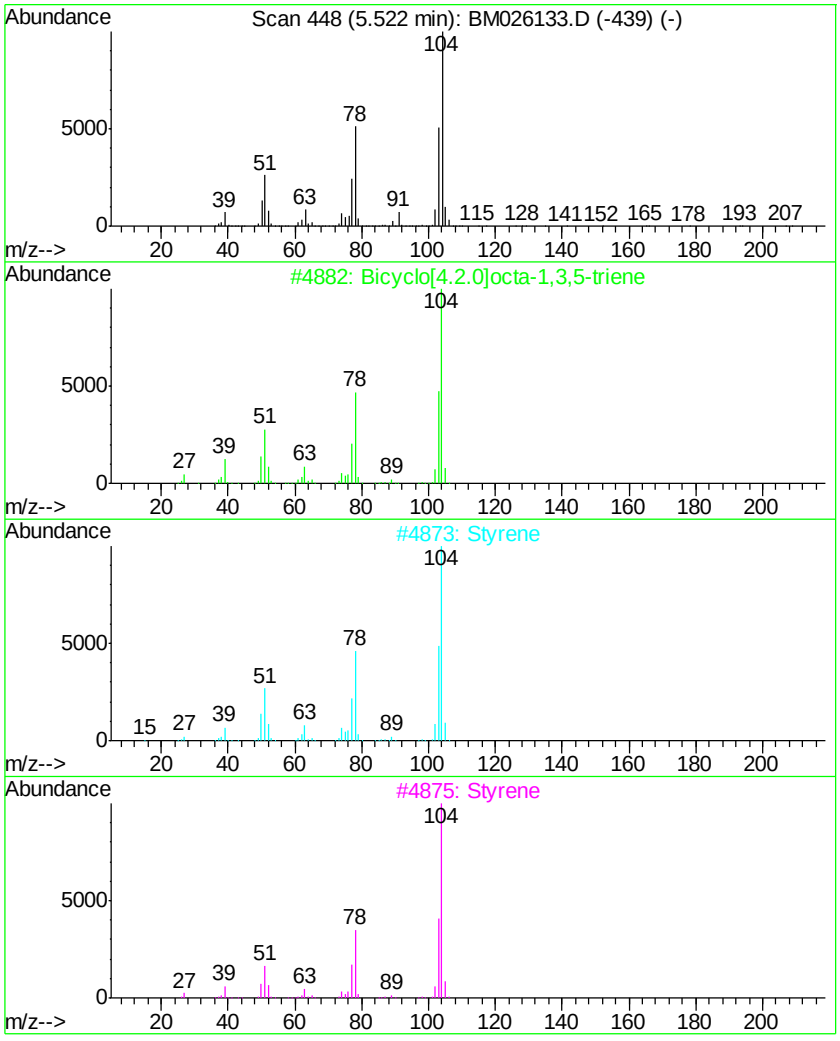
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

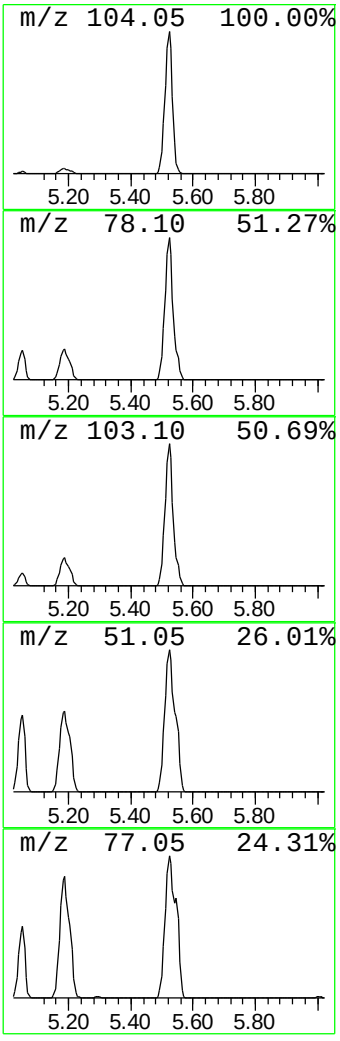
**********

Peak Number 8 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.52 | 611.46 ng/ul | 33325600 | 1,4-Dichlorobenzene-d4 | 7.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[4.2.0]octa-1,3,5-triene | 104 | C8H8 | 000694-87-1 | 96 |
| 2 | Styrene | 104 | C8H8 | 000100-42-5 | 96 |
| 3 | Styrene | 104 | C8H8 | 000100-42-5 | 95 |
| 4 | 1,3,5,7-Cyclooctatetraene | 104 | C8H8 | 000629-20-9 | 95 |
| 5 | Bicyclo[4.2.0]octa-1,3,5-triene | 104 | C8H8 | 000694-87-1 | 95 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

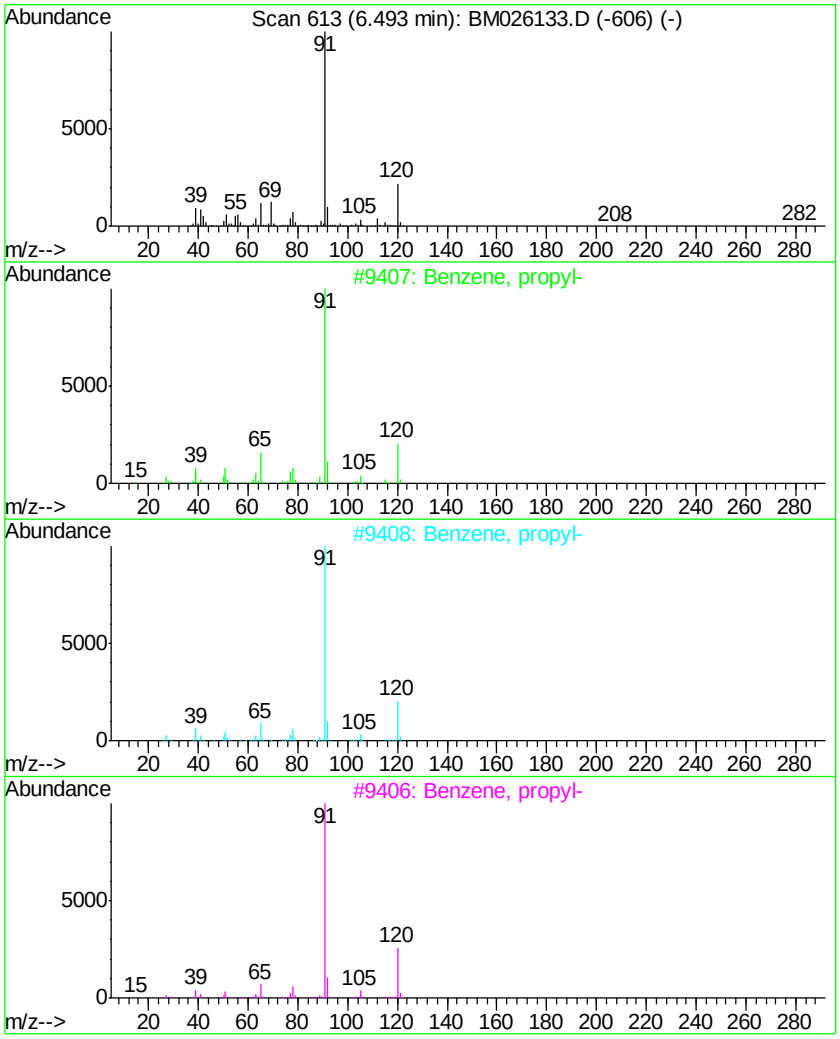
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

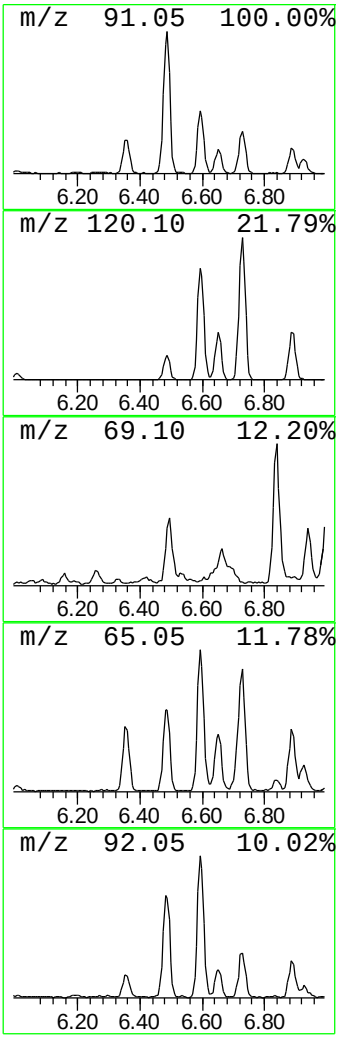
**********

Peak Number 10 Benzene, propyl- Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.49 | 13.75 ng/ul | 749545 | 1,4-Dichlorobenzene-d4 | 7.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 86 |
| 4 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 83 |
| 5 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 78 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

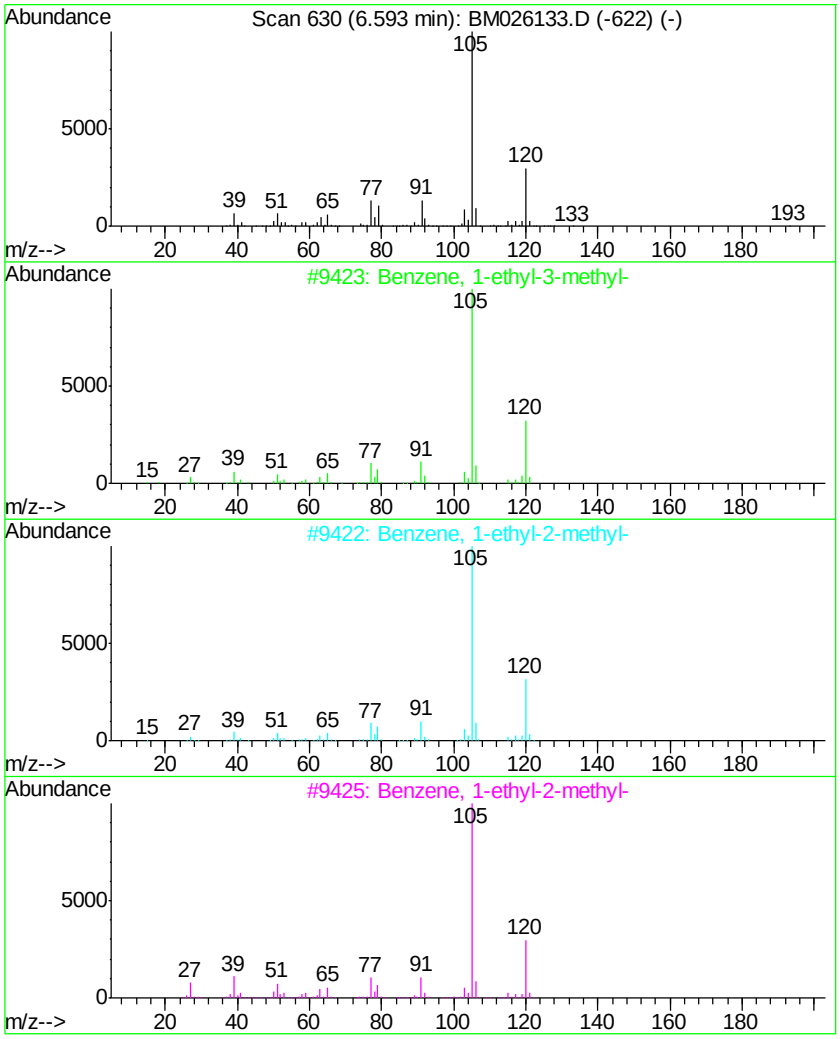
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

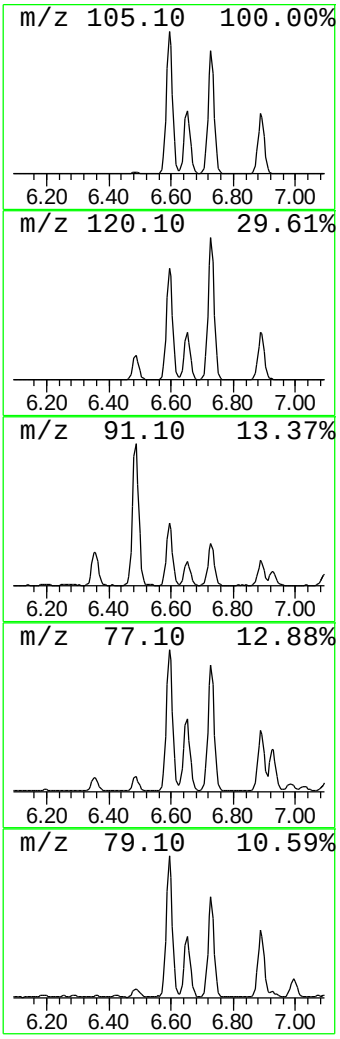
**********

Peak Number 11 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.59 | 45.05 ng/ul | 2455410 | 1,4-Dichlorobenzene-d4 | 7.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 95 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 3 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

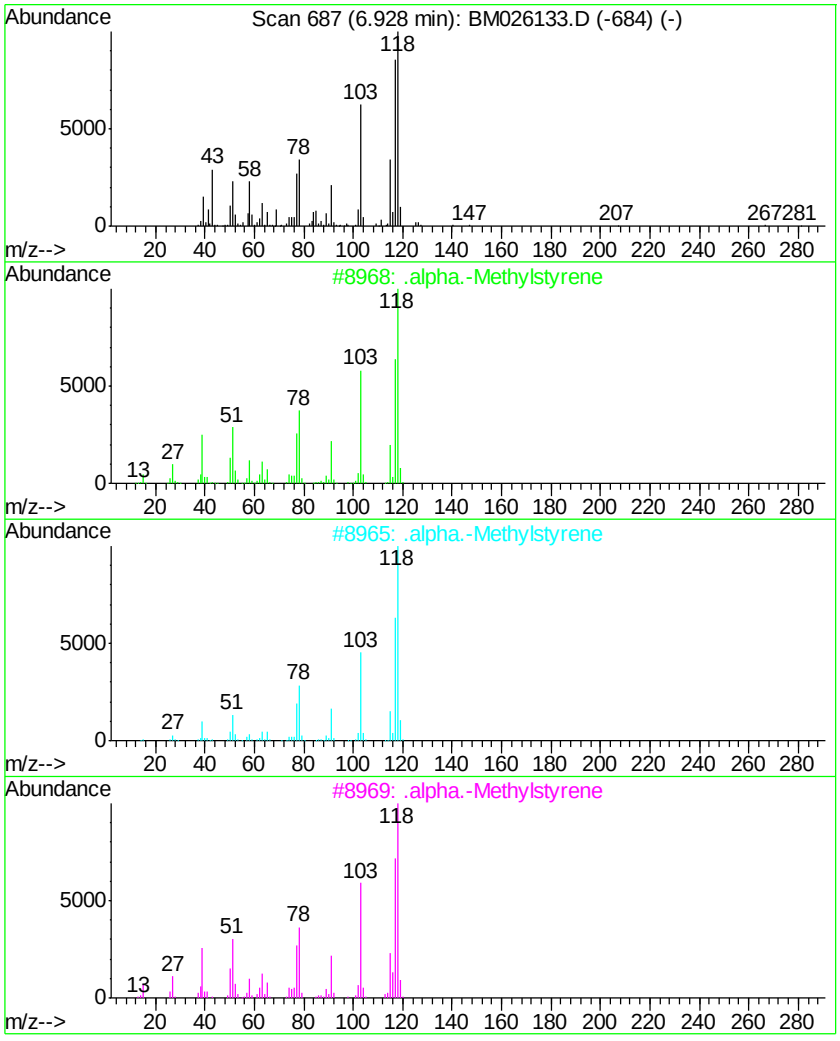
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

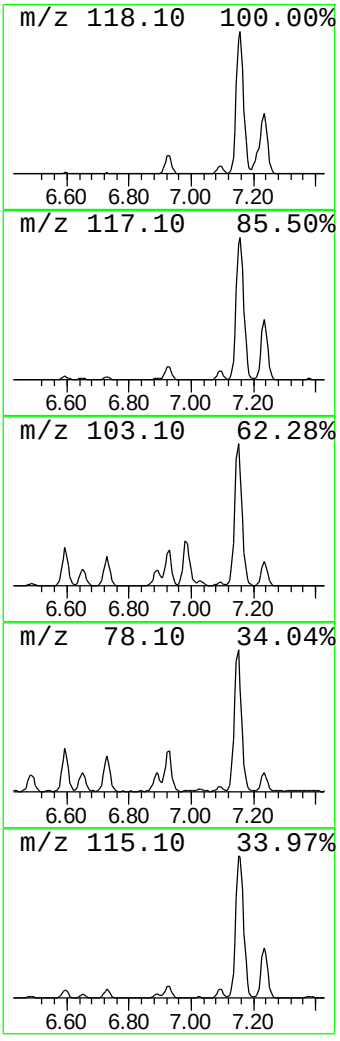
**********

Peak Number 12 .alpha.-Methylstyrene Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.93 | 15.15 ng/ul | 825958 | 1,4-Dichlorobenzene-d4 | 7.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .alpha.-Methylstyrene | 118 | C9H10 | 000098-83-9 | 94 |
| 2 | .alpha.-Methylstyrene | 118 | C9H10 | 000098-83-9 | 87 |
| 3 | .alpha.-Methylstyrene | 118 | C9H10 | 000098-83-9 | 86 |
| 4 | (3H)Indazole, 3,3-dimethyl- | 146 | C9H10N2 | 059341-22-9 | 86 |
| 5 | .alpha.-Methyl-.alpha.-phenylsuc... | 189 | C11H11NO2 | 001497-17-2 | 53 |



# Library Search Compound Report

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Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

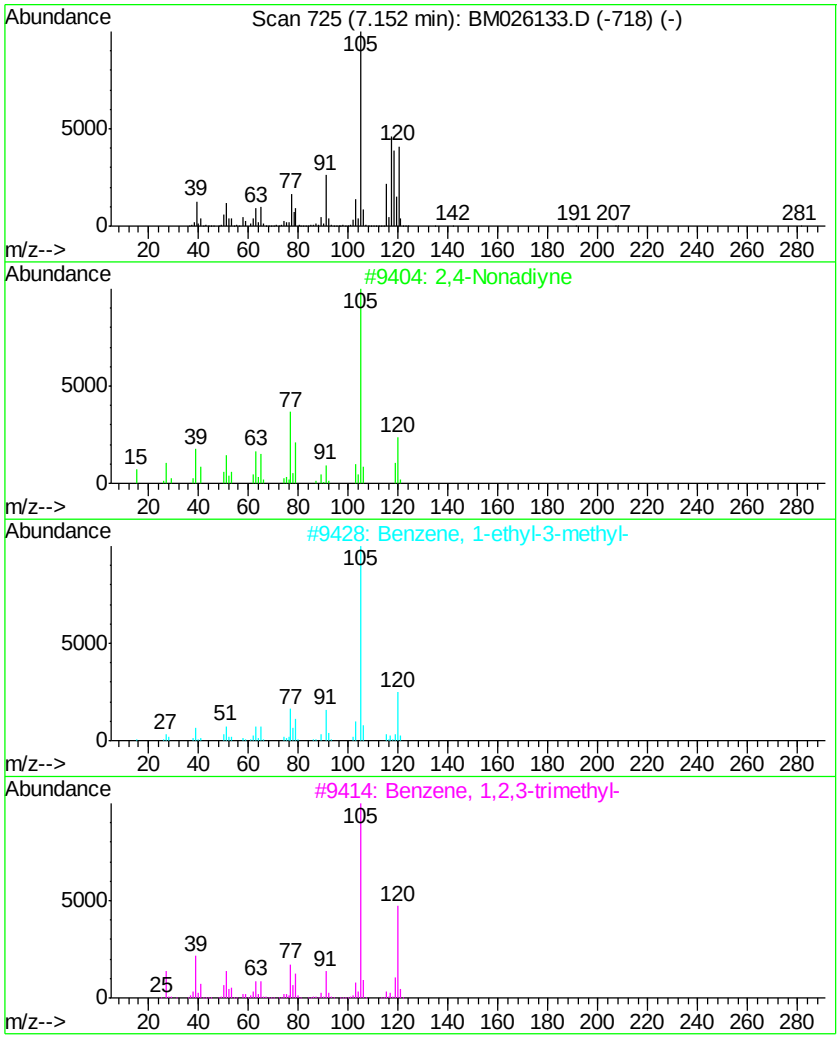
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

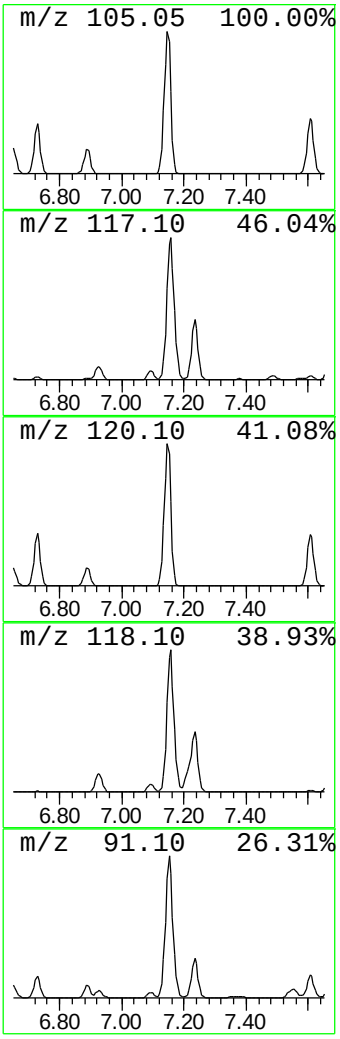
**********

Peak Number 13 2,4-Nonadiyne Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.15 | 210.70 ng/ul | 11483400 | 1,4-Dichlorobenzene-d4 | 7.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4-Nonadiyne | 120 | C9H12 | 063621-15-8 | 80 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 46 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 46 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 42 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 42 |



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Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

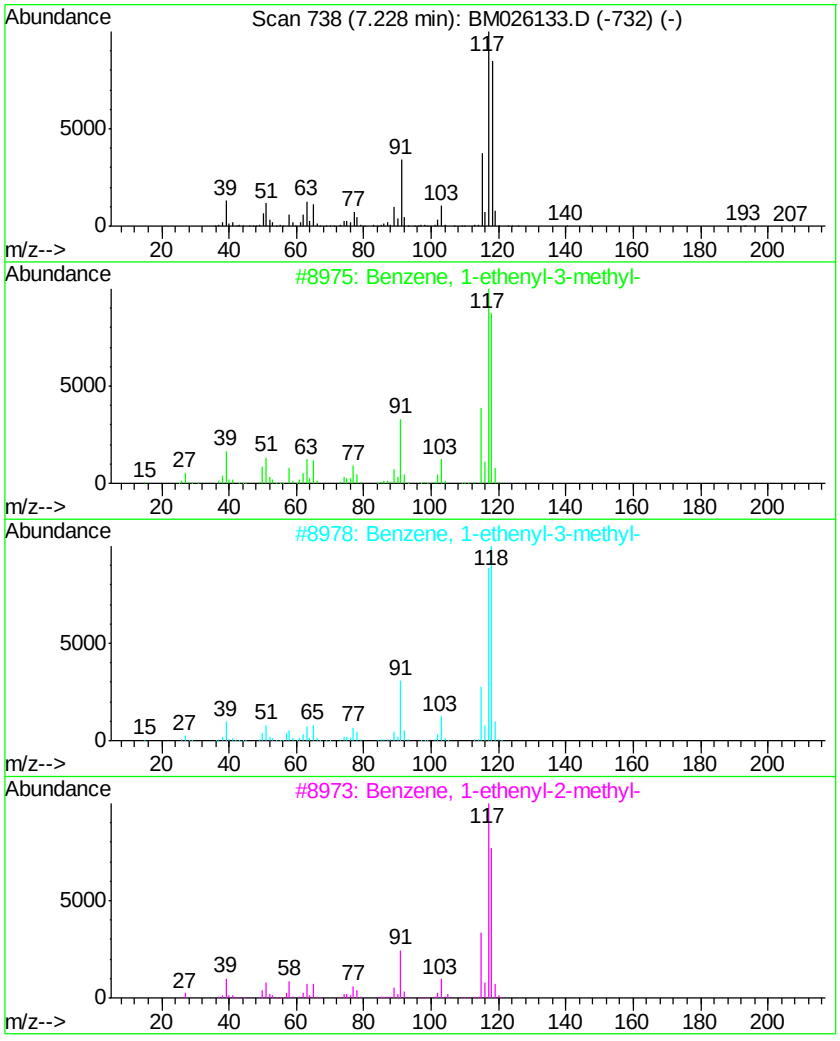
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

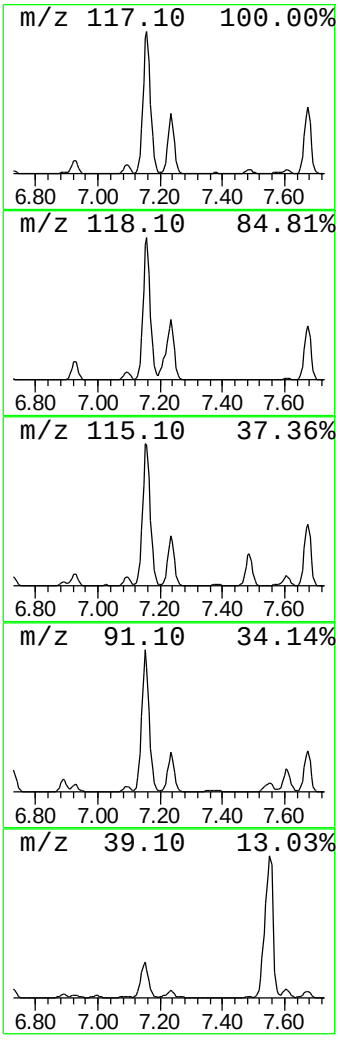
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, 1-ethenyl-3-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.23 | 39.29 ng/ul | 2141130 | 1,4-Dichlorobenzene-d4 | 7.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10 | 000100-80-1 | 96 |
| 2 | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10 | 000100-80-1 | 95 |
| 3 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 94 |
| 4 | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10 | 000100-80-1 | 94 |
| 5 | Benzene, 1-propenyl- | 118 | C9H10 | 000637-50-3 | 93 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

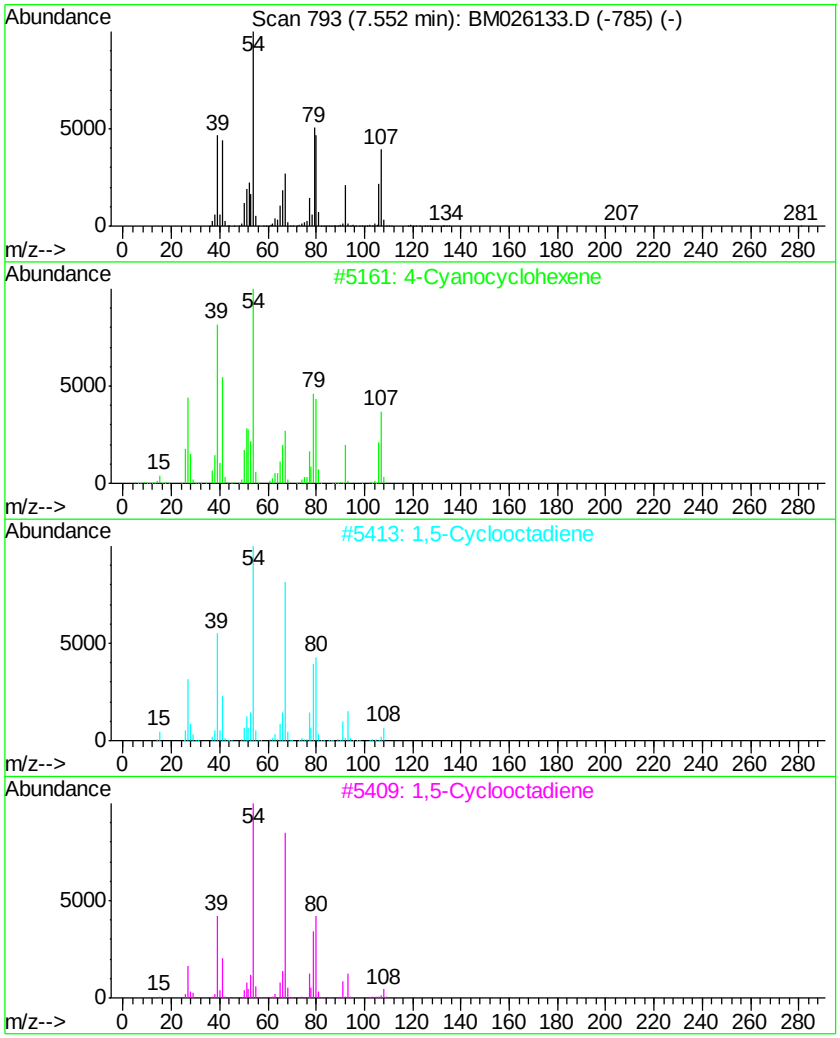
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

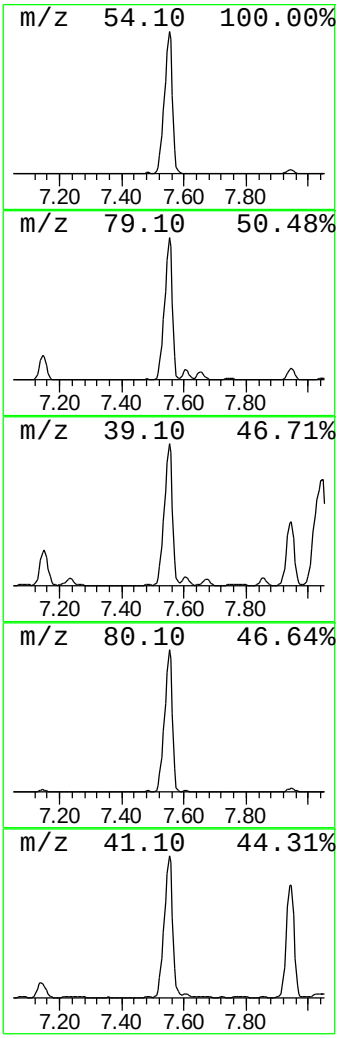
**********

Peak Number 15 4-Cyanocyclohexene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.55 | 299.40 ng/ul | 16317600 | 1,4-Dichlorobenzene-d4 | 7.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Cyanocyclohexene | 107 | C7H9N | 000100-45-8 | 97 |
| 2 | 1,5-Cyclooctadiene | 108 | C8H12 | 000111-78-4 | 53 |
| 3 | 1,5-Cyclooctadiene | 108 | C8H12 | 000111-78-4 | 53 |
| 4 | (E)-2-Pentenenitrile | 81 | C5H7N | 026294-98-4 | 53 |
| 5 | 1,5-Cyclooctadiene, (E,Z)- | 108 | C8H12 | 005259-71-2 | 50 |



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Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

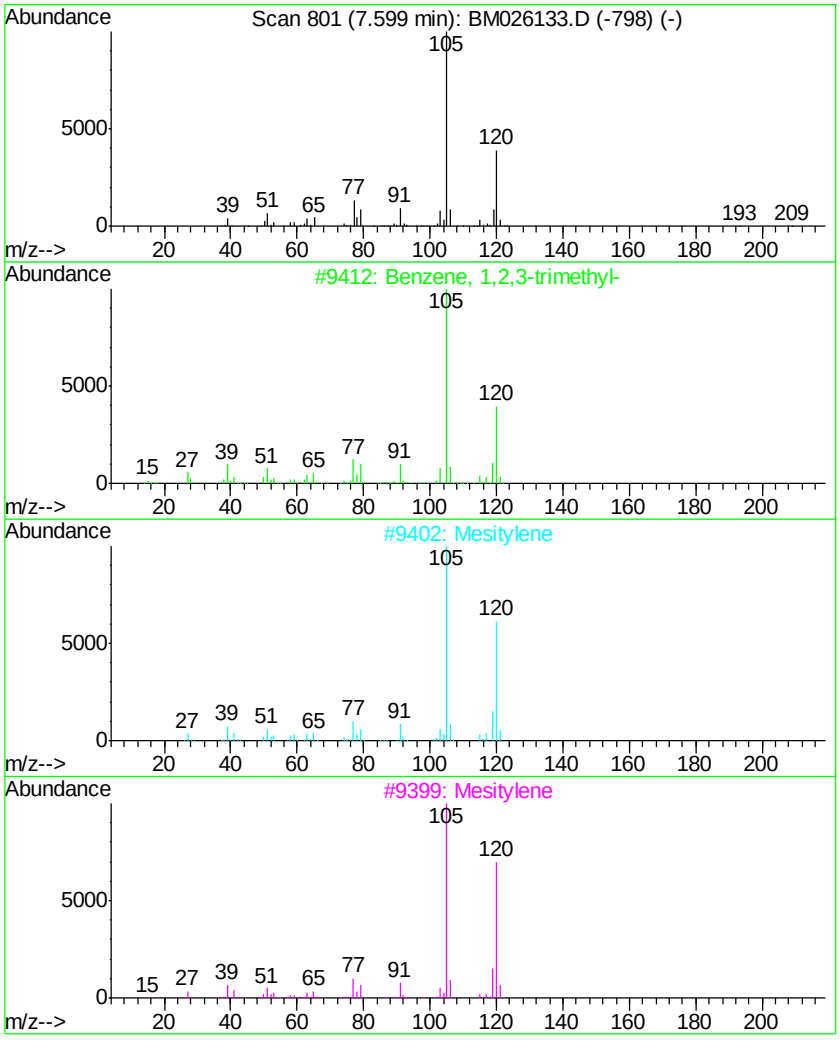
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

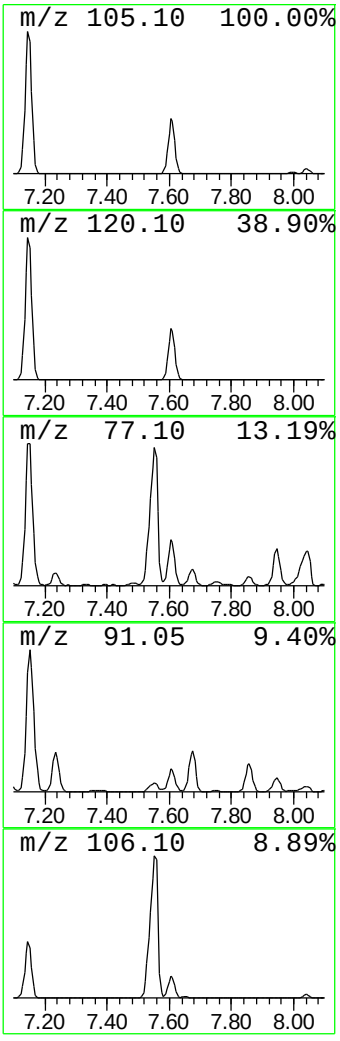
**********

Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.60 | 44.32 ng/ul | 2415570 | 1,4-Dichlorobenzene-d4 | 7.49 |

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

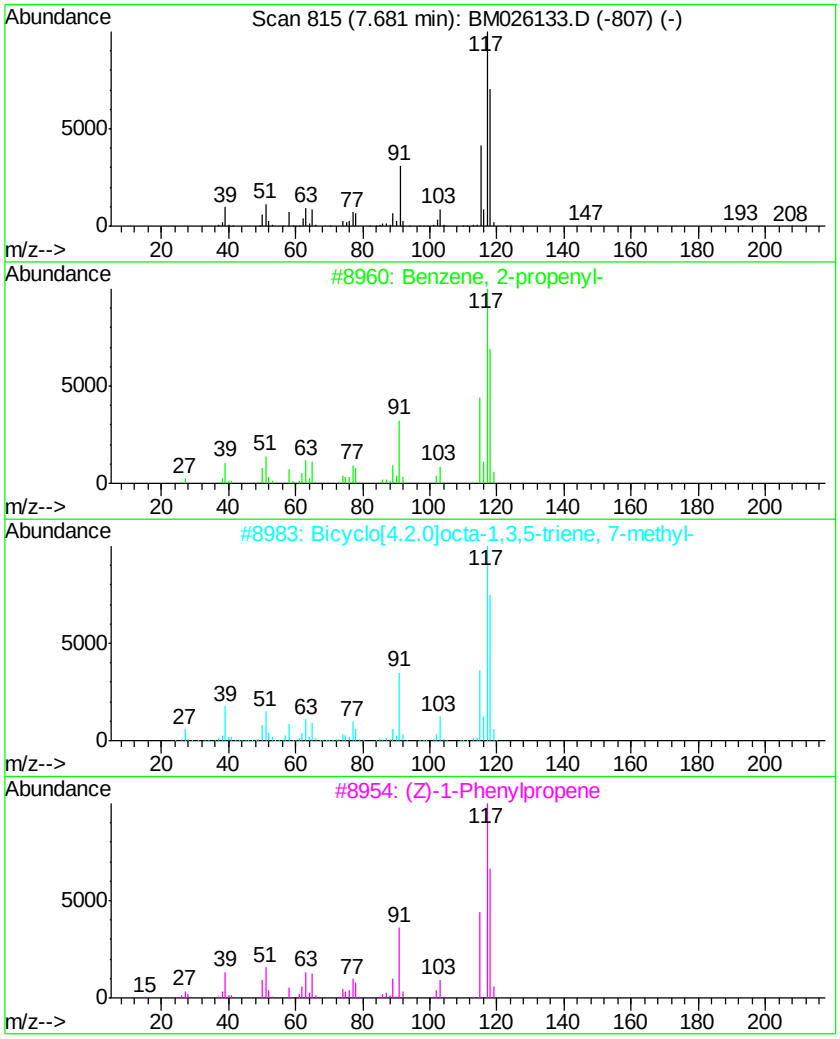
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

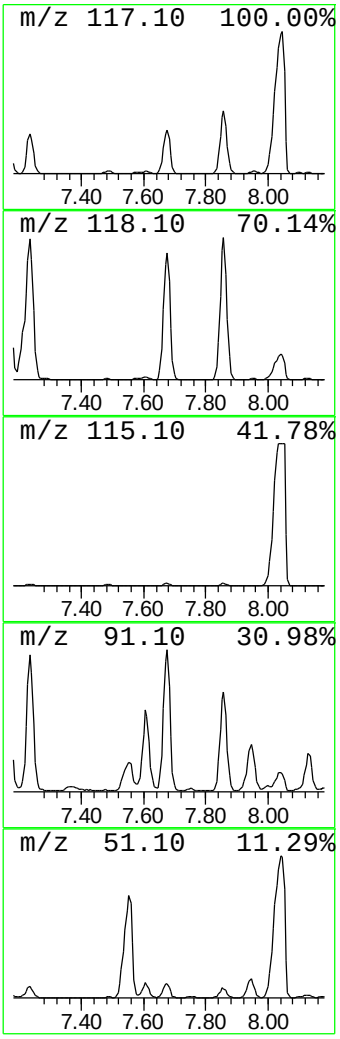
**********

Peak Number 17 Benzene, 2-propenyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.68 | 42.11 ng/ul | 2295230 | 1,4-Dichlorobenzene-d4 | 7.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 90 |
| 2 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 118 | C9H10 | 055337-80-9 | 90 |
| 3 | (Z)-1-Phenylpropene | 118 | C9H10 | 000766-90-5 | 90 |
| 4 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 89 |
| 5 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 89 |



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Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

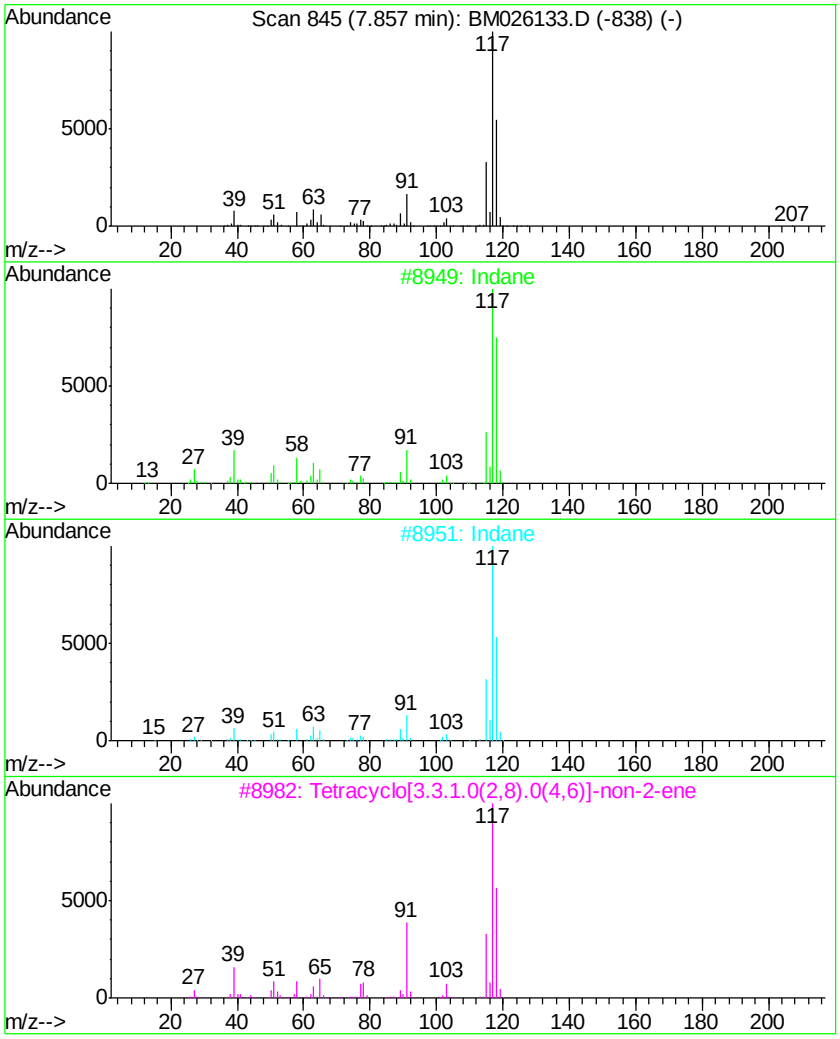
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

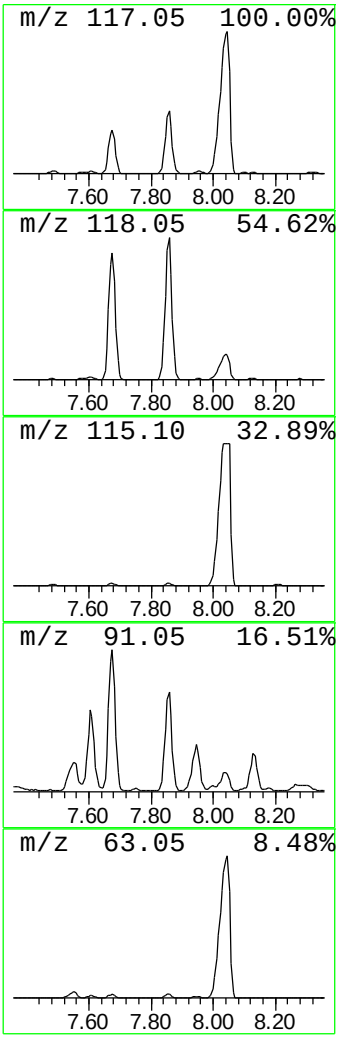
**********

Peak Number 18 Indane Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.86 | 38.75 ng/ul | 2111750 | 1,4-Dichlorobenzene-d4 | 7.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 91 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 91 |
| 3 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 80 |
| 4 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 74 |
| 5 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 64 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

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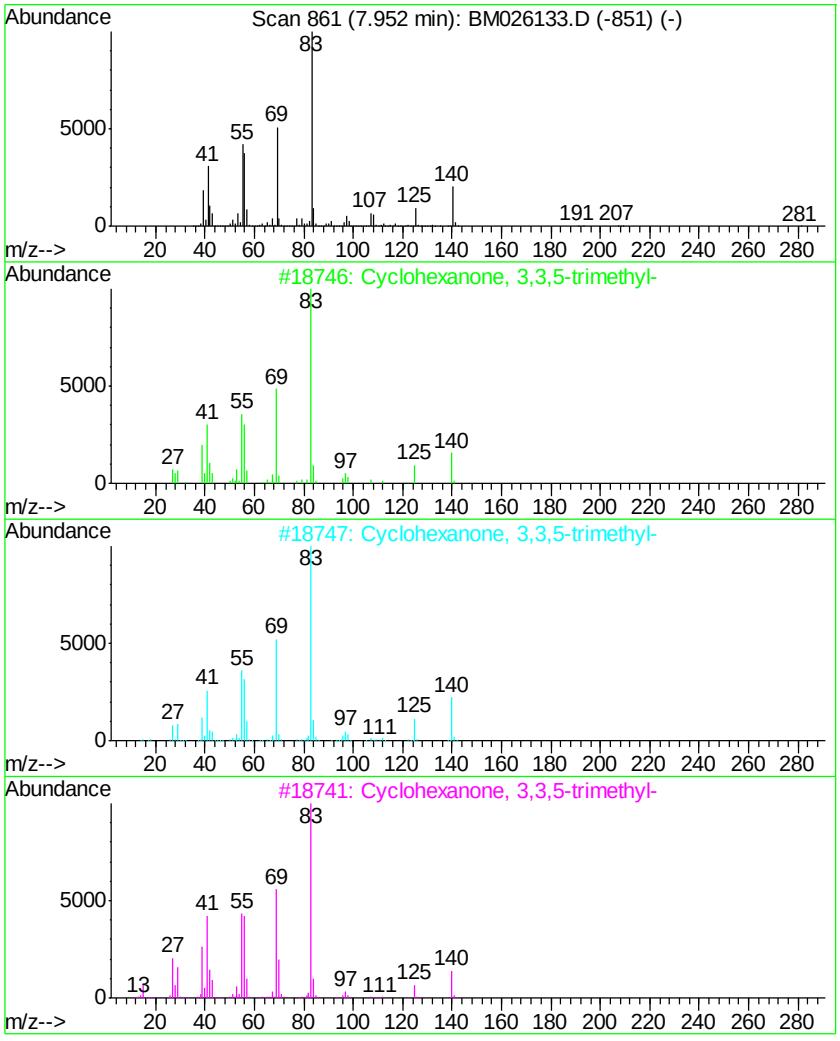
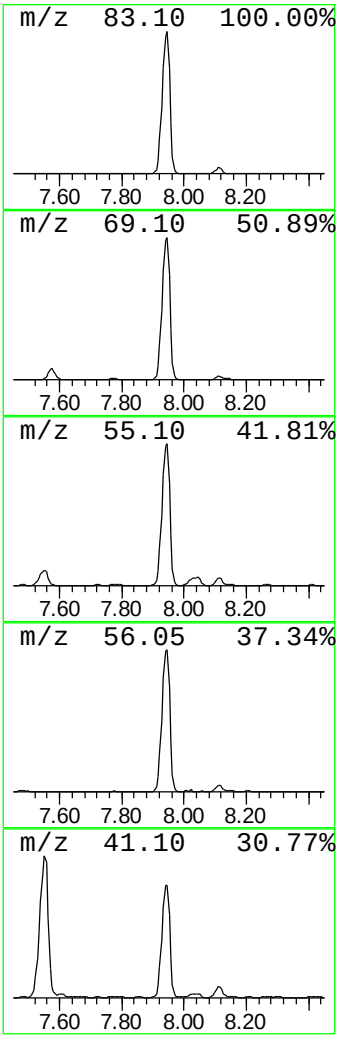
Peak Number 19 Cyclohexanone, 3,3,5-trimet... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.95 | 233.91 ng/ul | 12748300 | 1,4-Dichlorobenzene-d4 | 7.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 94 |
| 2 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 93 |
| 3 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 90 |
| 4 | 1H-1,2,4-Triazole, 3-methyl- | 83 | C3H5N3 | 007170-01-6 | 53 |
| 5 | Cyclopentane, 1-ethyl-1-methyl- | 112 | C8H16 | 016747-50-5 | 50 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

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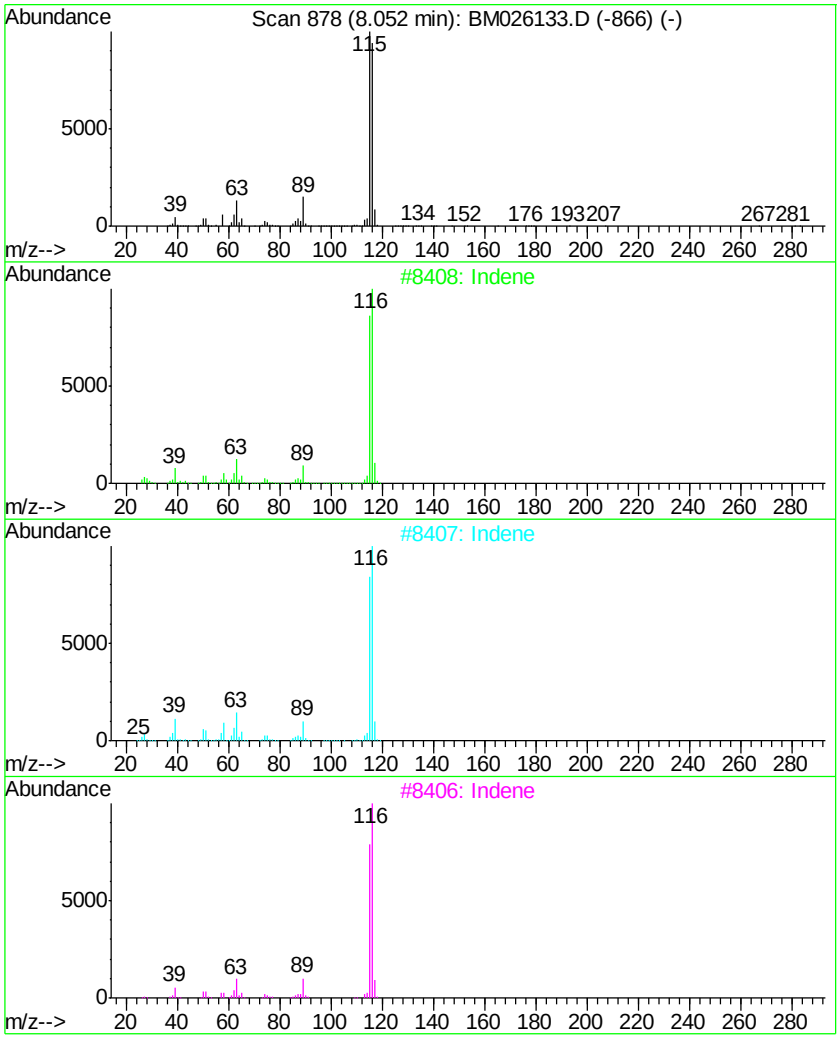
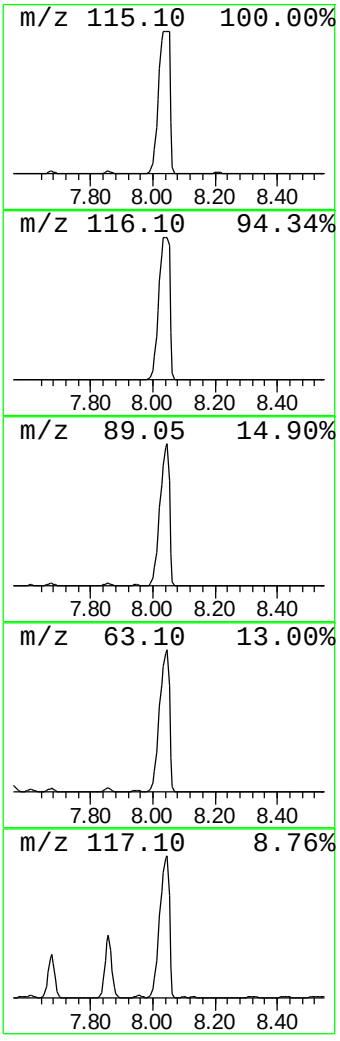
Peak Number 20 Indene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.05 | 1283.38 ng/ul | 69946200 | 1,4-Dichlorobenzene-d4 | 7.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indene | 116 | C9H8 | 000095-13-6 | 96 |
| 2 | Indene | 116 | C9H8 | 000095-13-6 | 95 |
| 3 | Indene | 116 | C9H8 | 000095-13-6 | 93 |
| 4 | 3-Methylphenylacetylene | 116 | C9H8 | 000766-82-5 | 91 |
| 5 | Benzene, 1,2-propadienyl- | 116 | C9H8 | 002327-99-3 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

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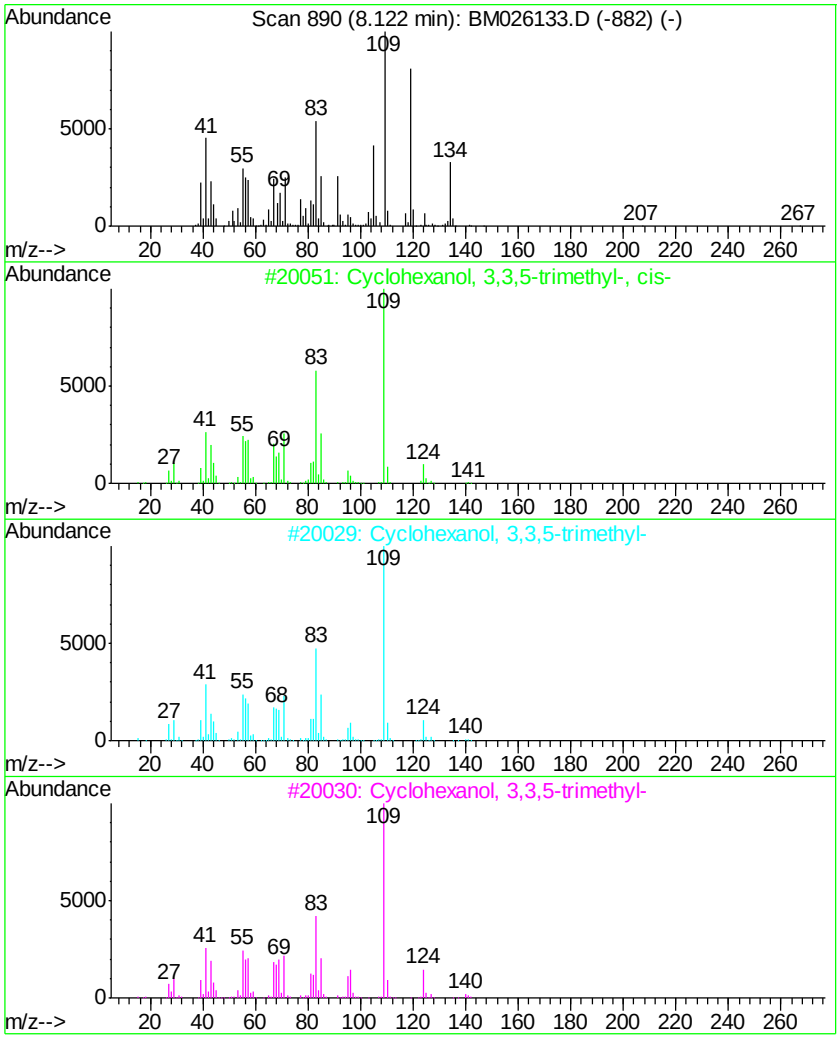
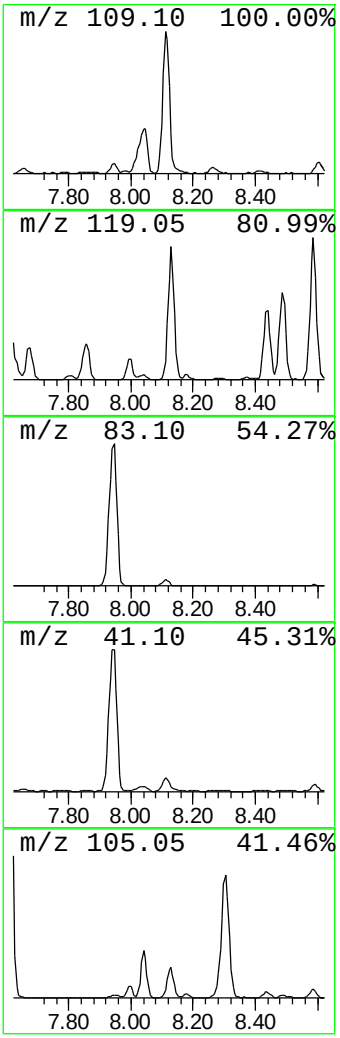
Peak Number 21 Cyclohexanol, 3,3,5-trimeth... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.12 | 29.53 ng/ul | 1609180 | 1,4-Dichlorobenzene-d4 | 7.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanol, 3,3,5-trimethyl-, ... | 142 | C9H18O | 000933-48-2 | 83 |
| 2 | Cyclohexanol, 3,3,5-trimethyl- | 142 | C9H18O | 000116-02-9 | 53 |
| 3 | Cyclohexanol, 3,3,5-trimethyl- | 142 | C9H18O | 000116-02-9 | 42 |
| 4 | Cyclohexanol, 3,3,5-trimethyl- | 142 | C9H18O | 000116-02-9 | 42 |
| 5 | Cyclohexanol, 3,3,5-trimethyl-, ... | 142 | C9H18O | 000767-54-4 | 37 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

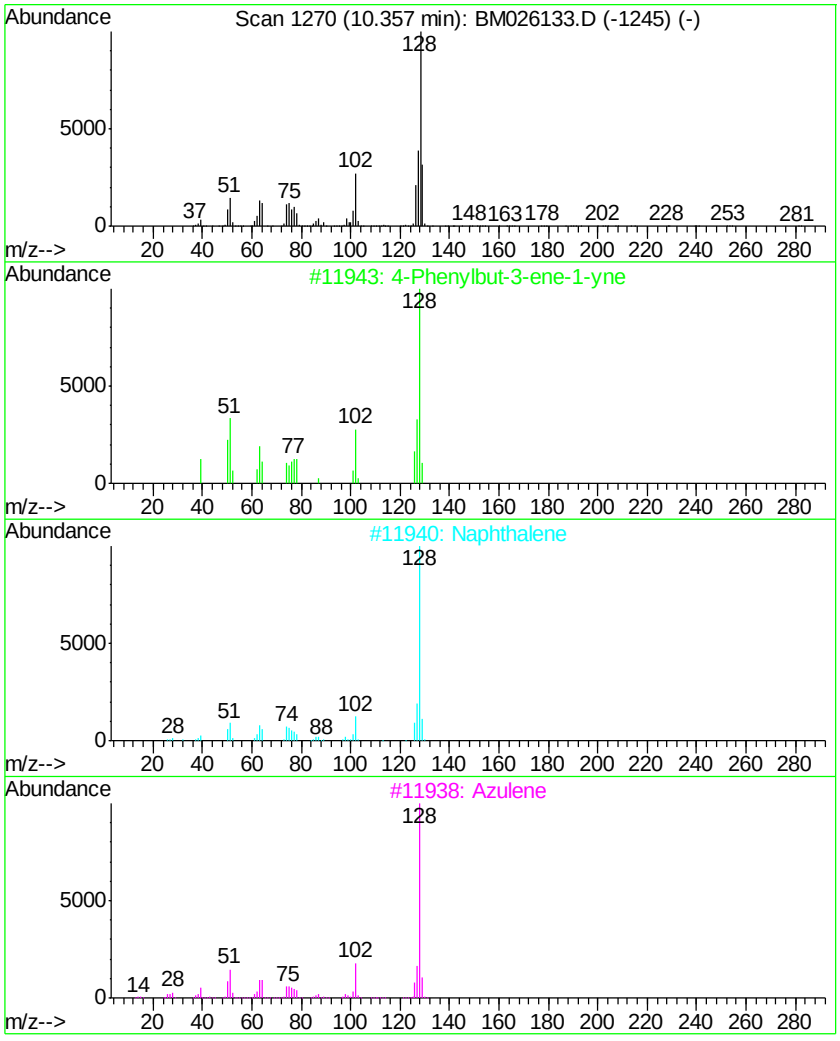
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

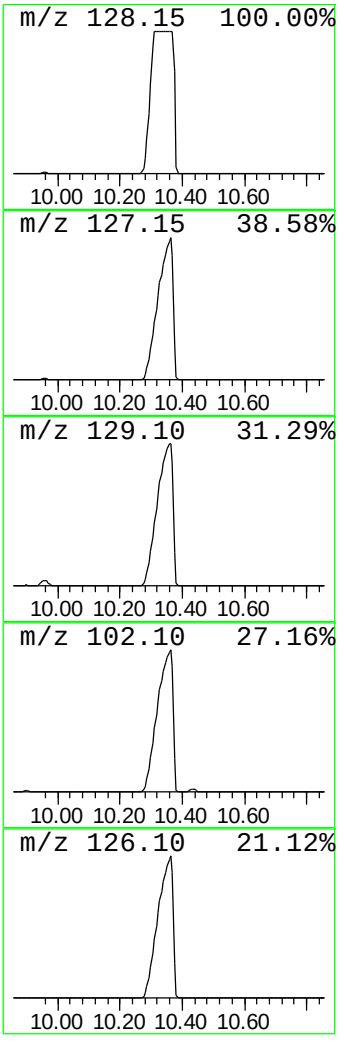
**********

Peak Number 22 4-Phenylbut-3-ene-1-yne Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.36 | 20.00 ng/ul | 149248000 | Naphthalene-d8 | 10.26 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Phenylbut-3-ene-1-yne | 128 | C10H8 | 1000222-12-0 | 81 |
| 2 | Naphthalene | 128 | C10H8 | 000091-20-3 | 70 |
| 3 | Azulene | 128 | C10H8 | 000275-51-4 | 70 |
| 4 | Azulene | 128 | C10H8 | 000275-51-4 | 64 |
| 5 | Naphthalene | 128 | C10H8 | 000091-20-3 | 64 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

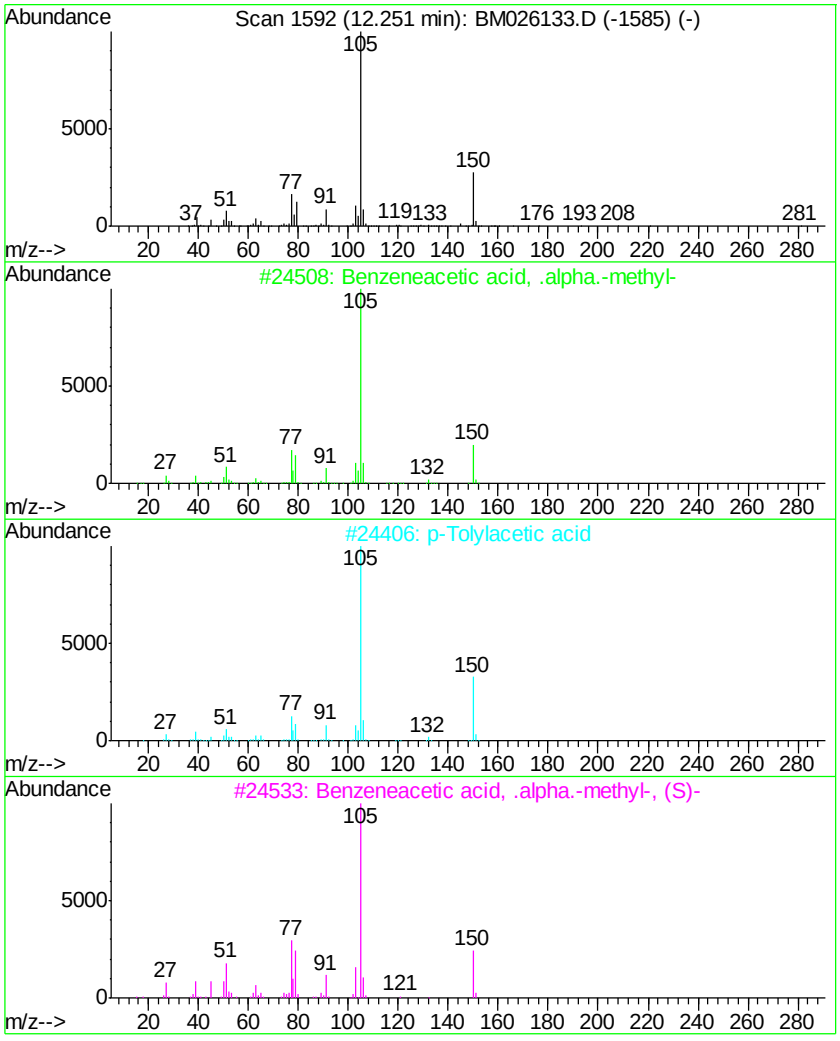
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

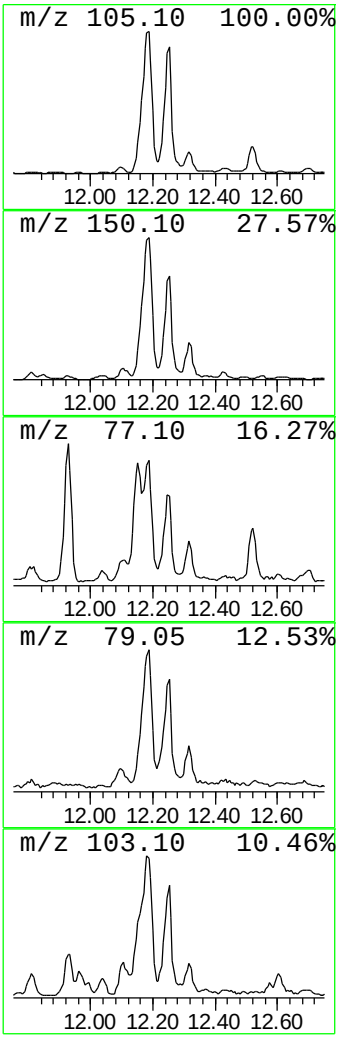
**********

Peak Number 23 Benzeneacetic acid, .alpha.... Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.25 | 7.32 ng/ul | 906220 | Acenaphthene-d10 | 14.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzeneacetic acid, .alpha.-methyl- | 150 | C9H10O2 | 000492-37-5 | 91 |
| 2 | p-Tolylacetic acid | 150 | C9H10O2 | 000622-47-9 | 91 |
| 3 | Benzeneacetic acid, .alpha.-meth... | 150 | C9H10O2 | 007782-24-3 | 90 |
| 4 | Benzeneacetic acid, .alpha.-methyl- | 150 | C9H10O2 | 000492-37-5 | 87 |
| 5 | p-Tolylacetic acid | 150 | C9H10O2 | 000622-47-9 | 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

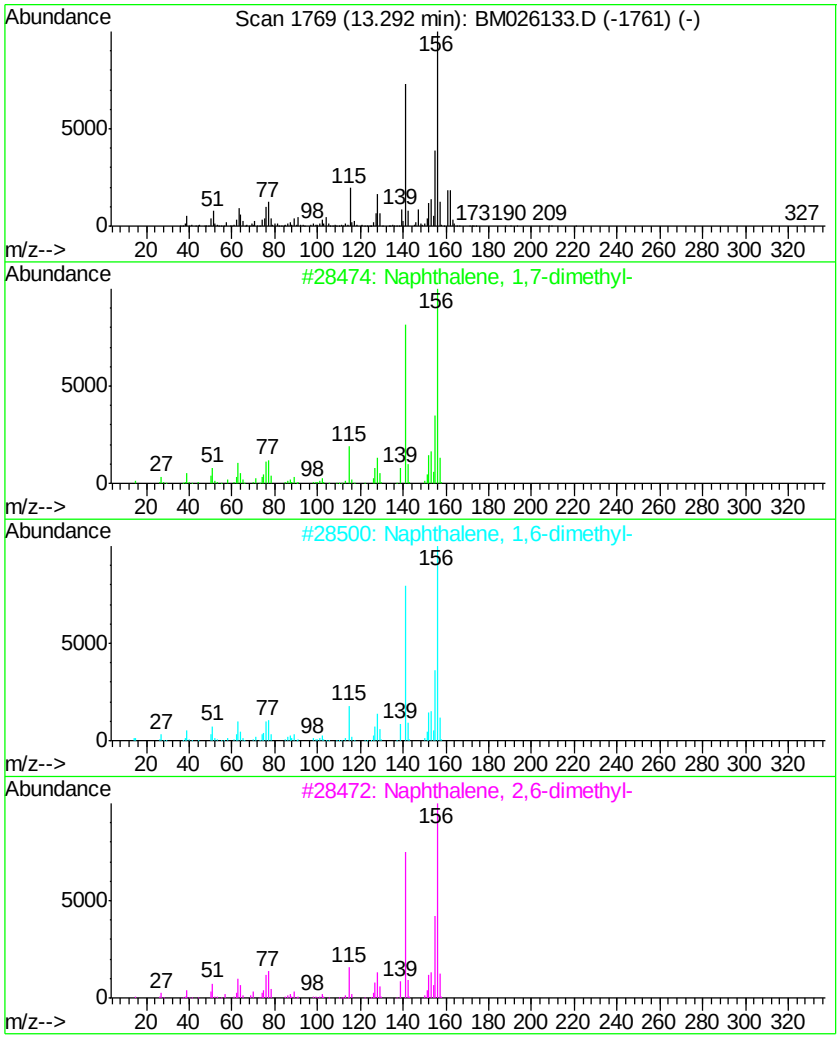
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

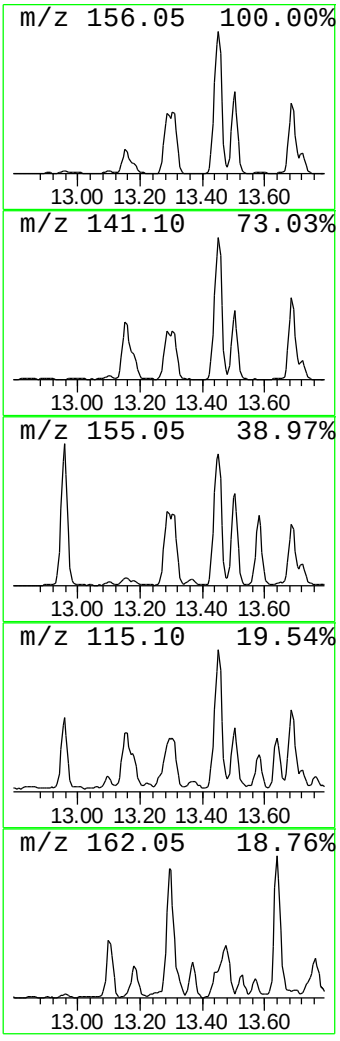
**********

Peak Number 24 Naphthalene, 1,7-dimethyl- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.29 | 16.30 ng/ul | 2017200 | Acenaphthene-d10 | 14.13 |

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



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

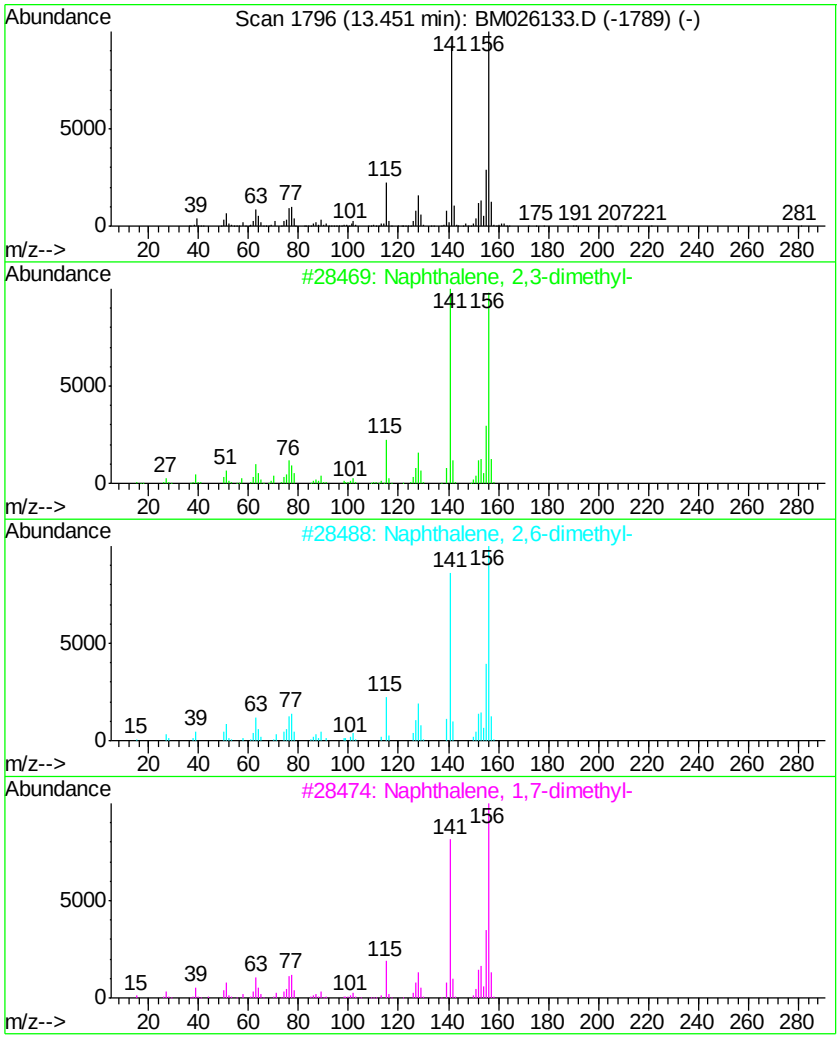
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

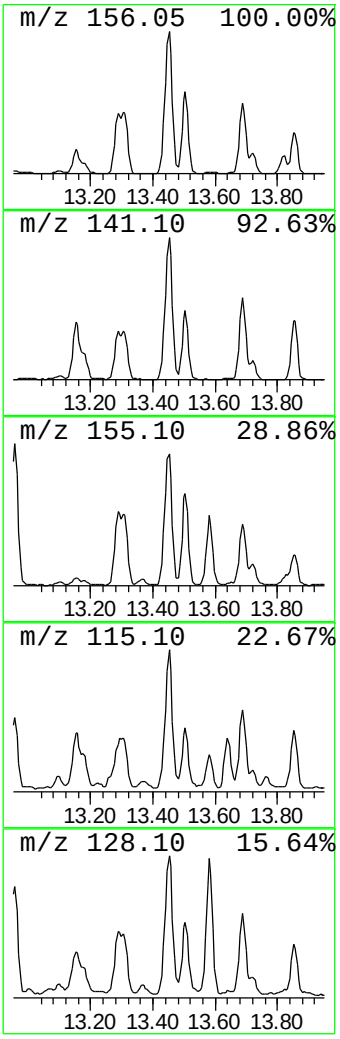
**********

Peak Number 25 Naphthalene, 2,3-dimethyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.45 | 22.81 ng/ul | 2824000 | Acenaphthene-d10 | 14.13 |

| 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, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 98 |
| 4 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |
| 5 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

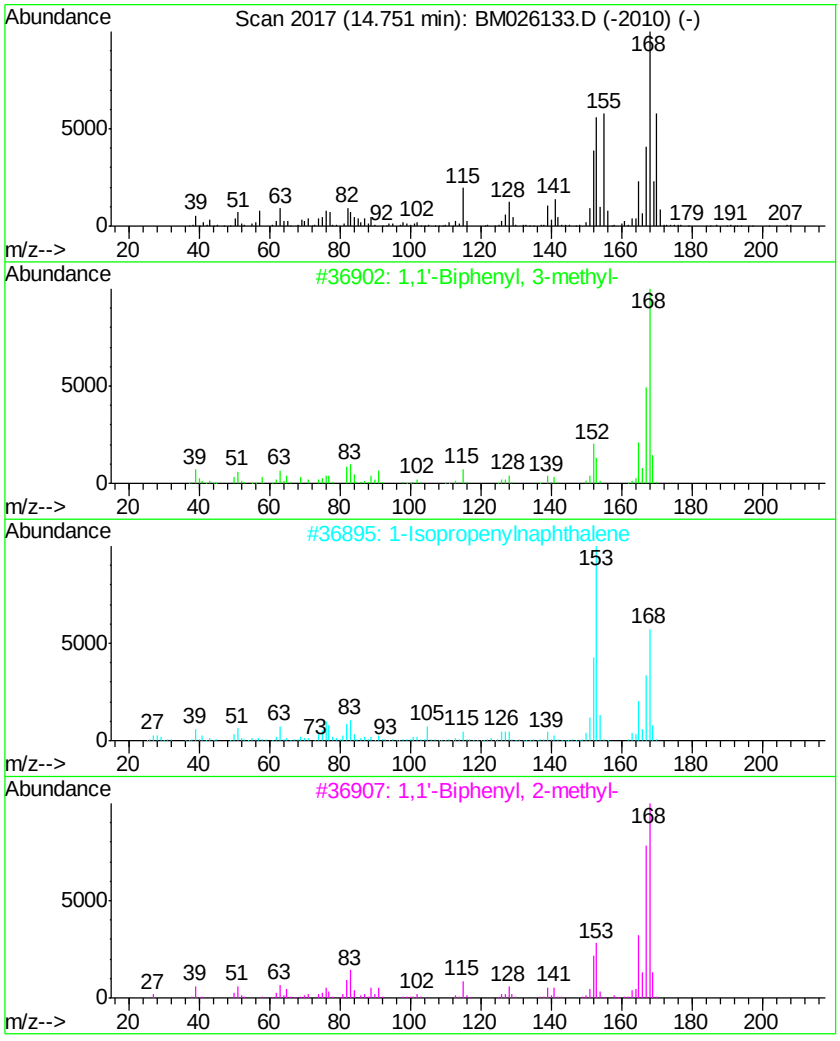
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

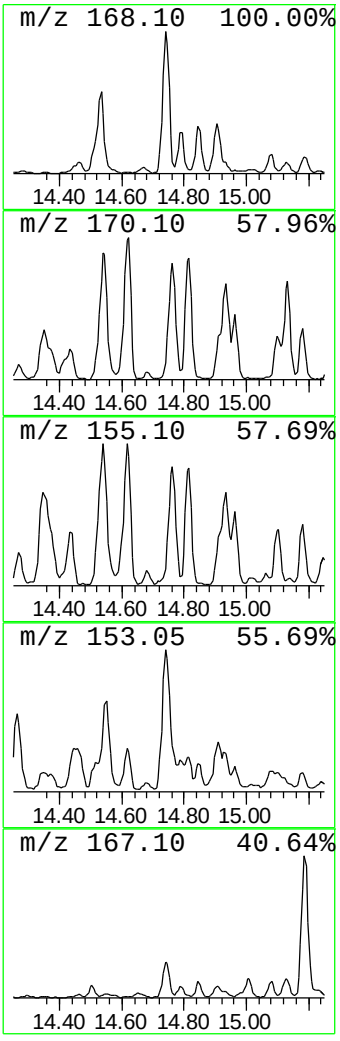
**********

Peak Number 27 1,1'-Biphenyl, 3-methyl- Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.75 | 9.31 ng/ul | 1153050 | Acenaphthene-d10 | 14.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 3-methyl- | 168 | C13H12 | 000643-93-6 | 87 |
| 2 | 1-Isopropenylnaphthalene | 168 | C13H12 | 001855-47-6 | 58 |
| 3 | 1,1'-Biphenyl, 2-methyl- | 168 | C13H12 | 000643-58-3 | 53 |
| 4 | Naphthalene, 2-(1-methylethenyl)- | 168 | C13H12 | 003710-23-4 | 53 |
| 5 | Benzene, [1-(2,4-cyclopentadien-... | 168 | C13H12 | 002320-32-3 | 52 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

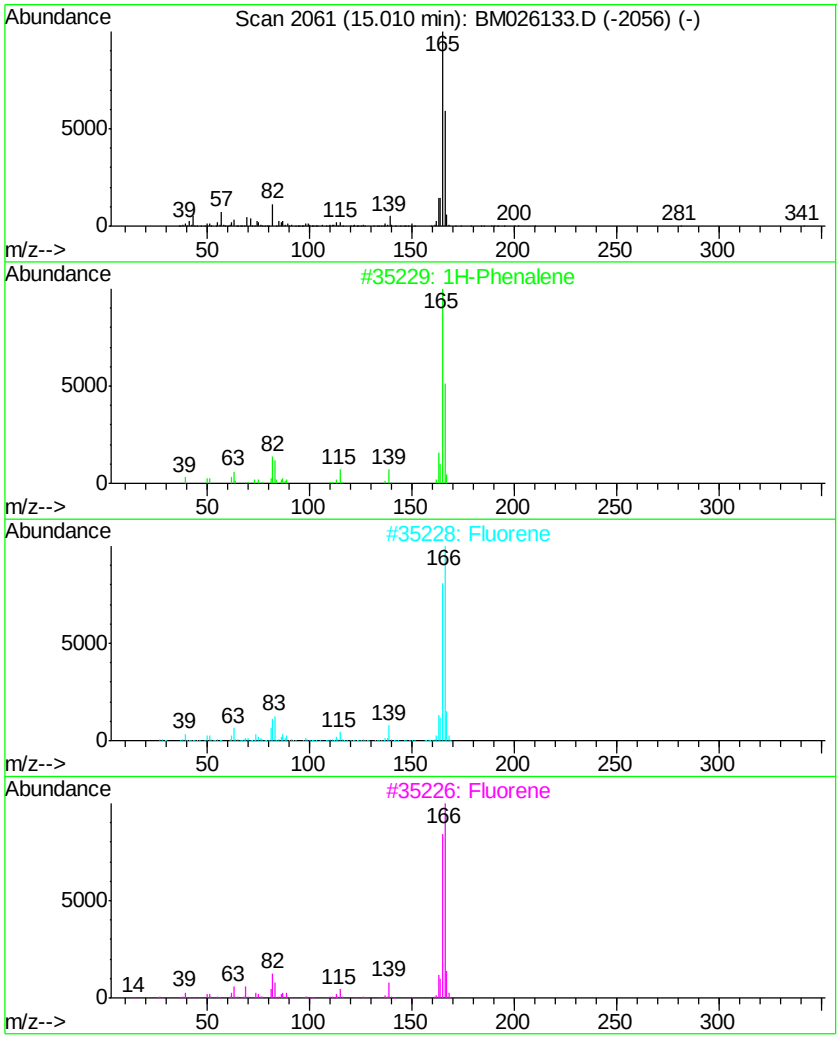
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

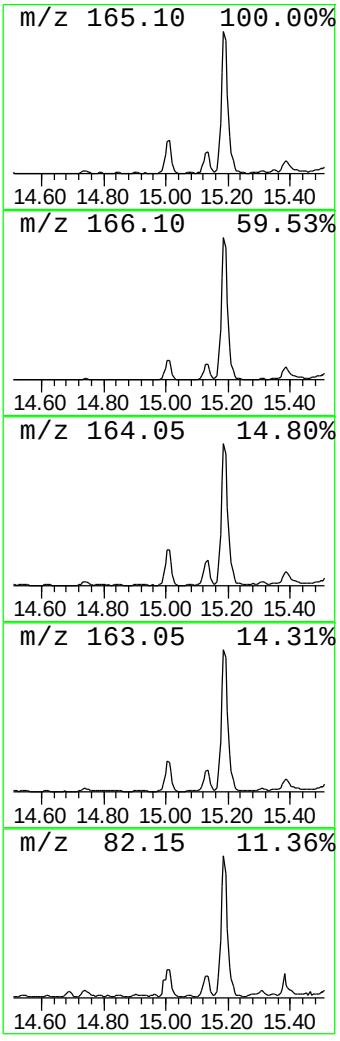
**********

Peak Number 28 1H-Phenalene Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.01 | 12.96 ng/ul | 1603890 | Acenaphthene-d10 | 14.13 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Phenalene | 166 | C13H10 | 000203-80-5 | 87 |
| 2 | Fluorene | 166 | C13H10 | 000086-73-7 | 40 |
| 3 | Fluorene | 166 | C13H10 | 000086-73-7 | 38 |
| 4 | Fluorene | 166 | C13H10 | 000086-73-7 | 38 |
| 5 | 3-Trifluoromethylbenzhydryl chlo... | 270 | C14H10ClF3 | 067240-79-3 | 33 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

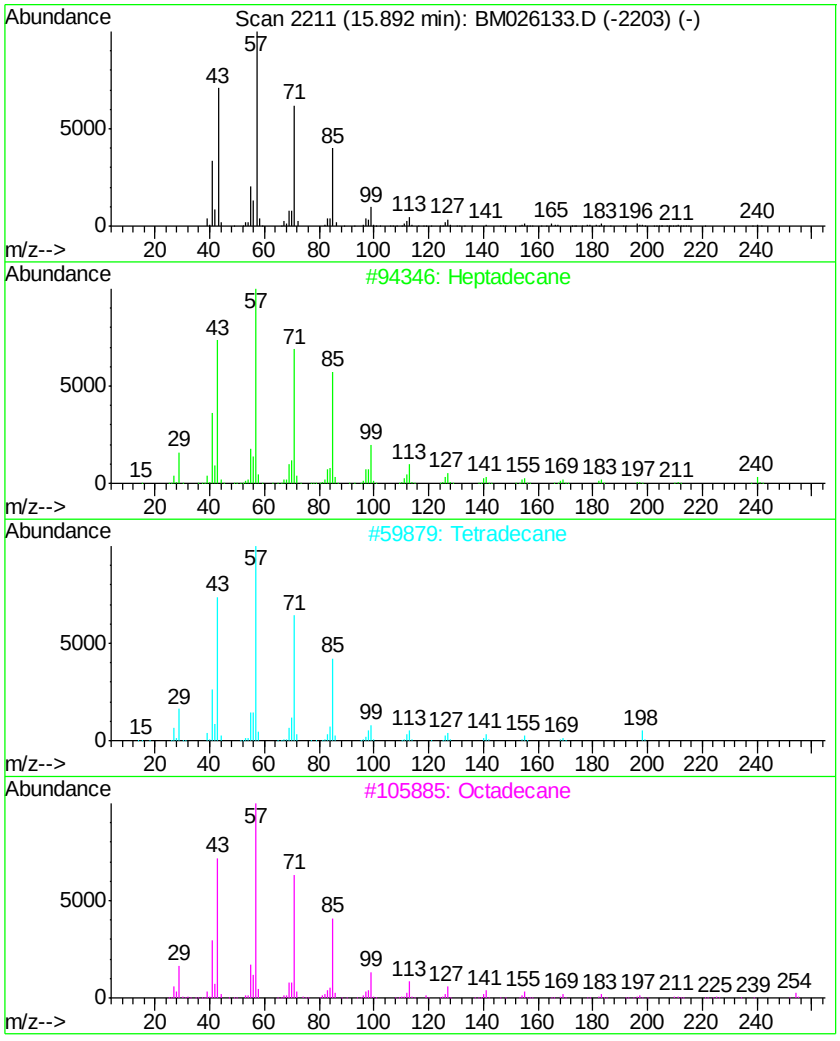
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

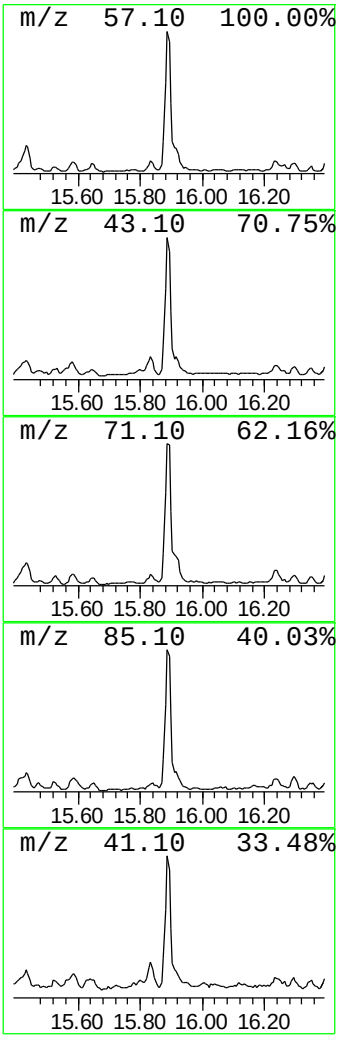
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.89 | 9.24 ng/ul | 958078 | Phenanthrene-d10 | 16.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 94 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 83 |
| 3 | Octadecane | 254 | C18H38 | 000593-45-3 | 78 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 76 |
| 5 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 74 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

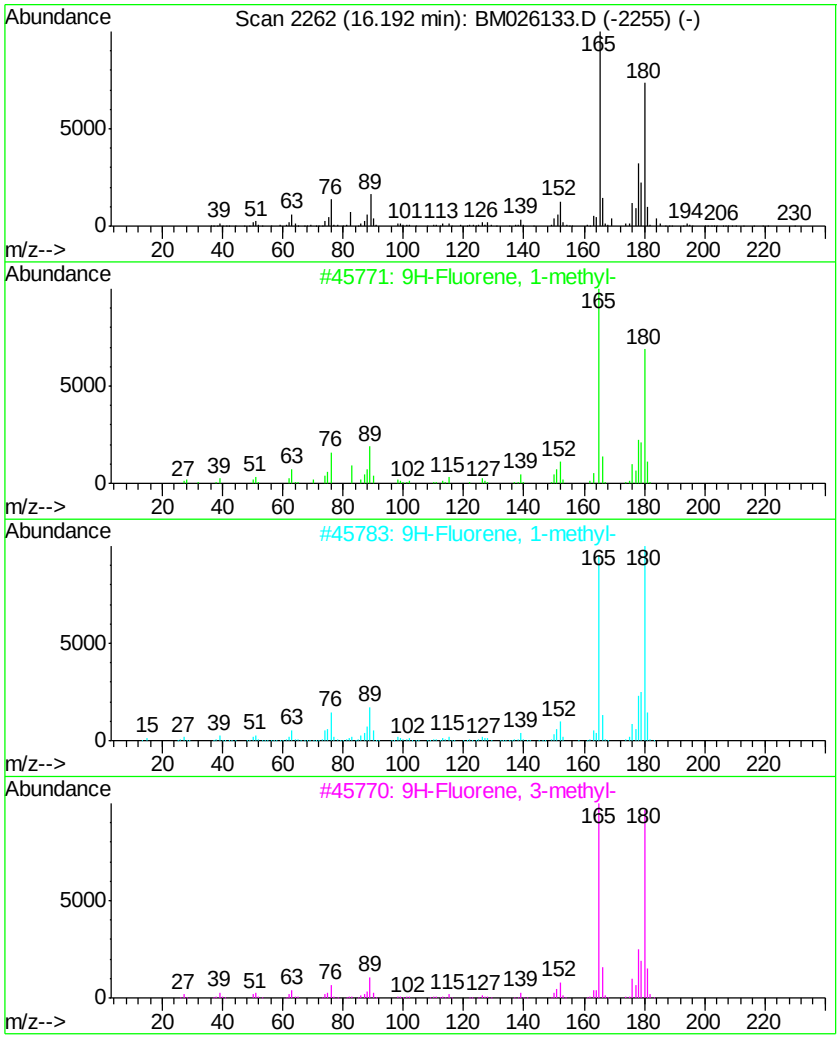
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

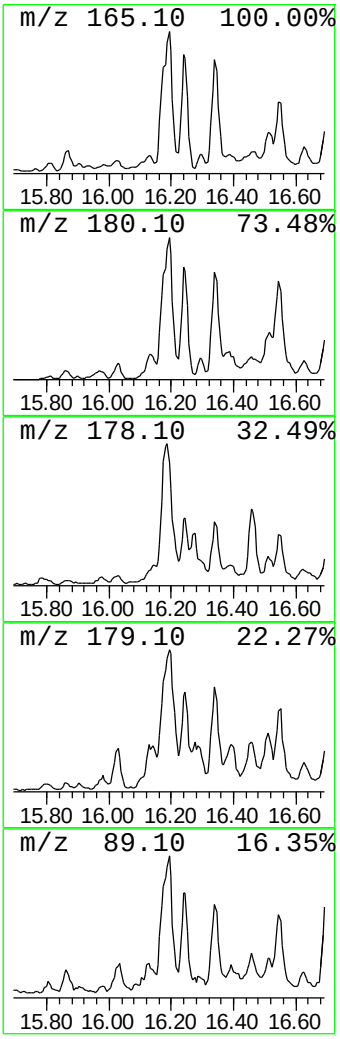
**********

Peak Number 31 9H-Fluorene, 1-methyl- Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.19 | 11.34 ng/ul | 1176440 | Phenanthrene-d10 | 16.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 97 |
| 2 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 96 |
| 3 | 9H-Fluorene, 3-methyl- | 180 | C14H12 | 002523-39-9 | 95 |
| 4 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 94 |
| 5 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

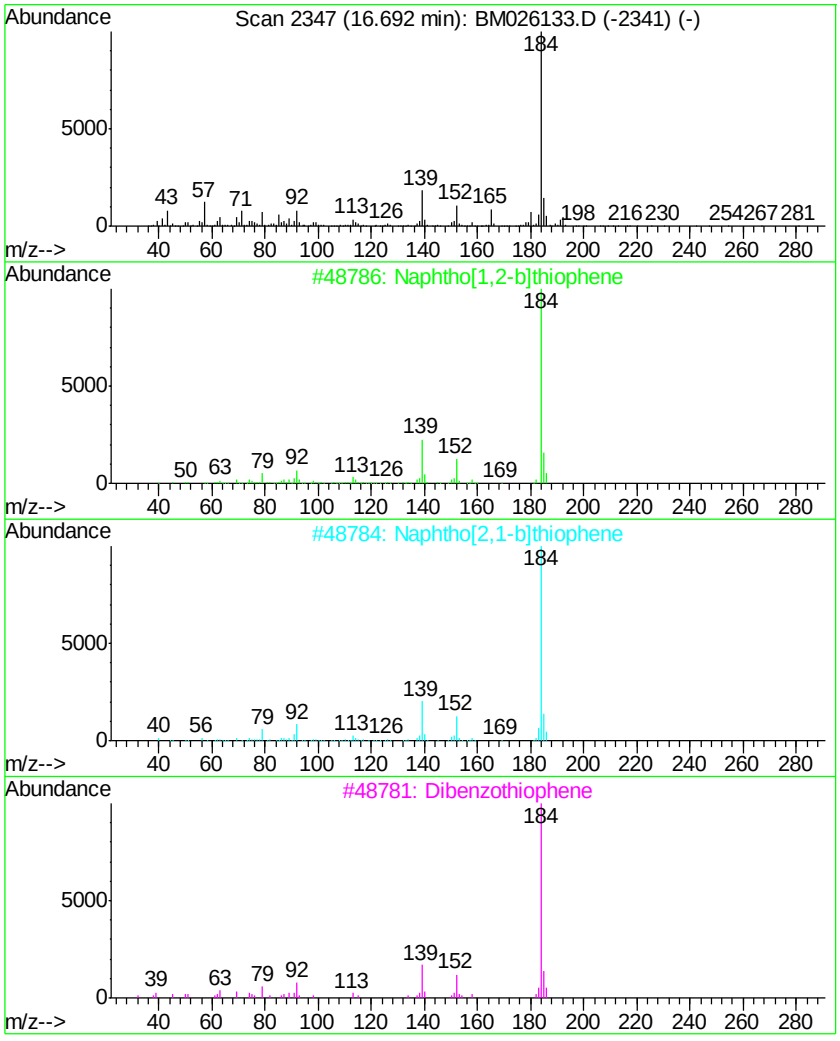
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

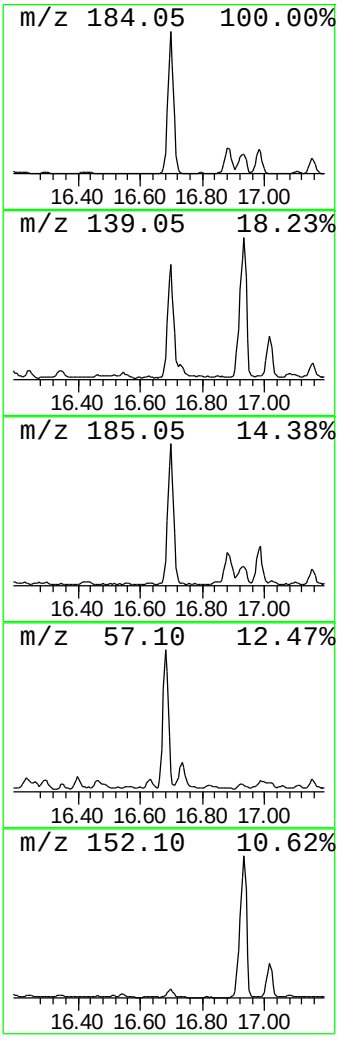
**********

Peak Number 32 Naphtho[1,2-b]thiophene Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.69 | 22.51 ng/ul | 2335140 | Phenanthrene-d10 | 16.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 97 |
| 2 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 97 |
| 3 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 96 |
| 4 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 94 |
| 5 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 94 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

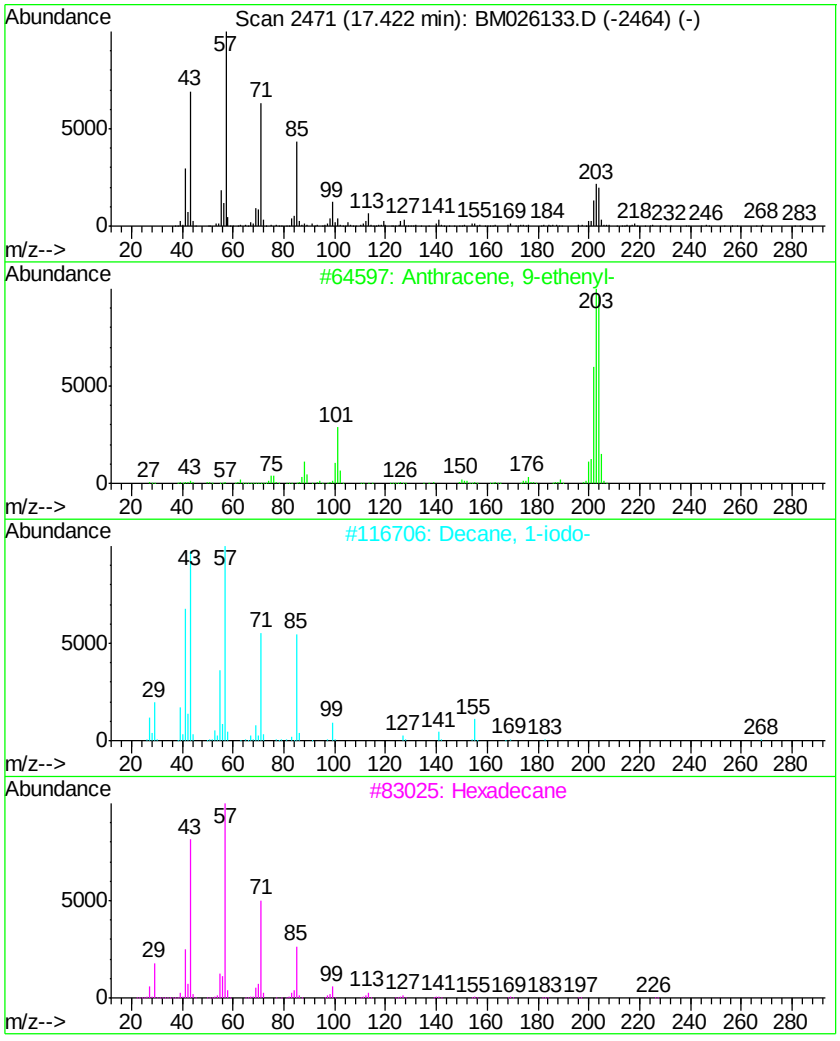
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

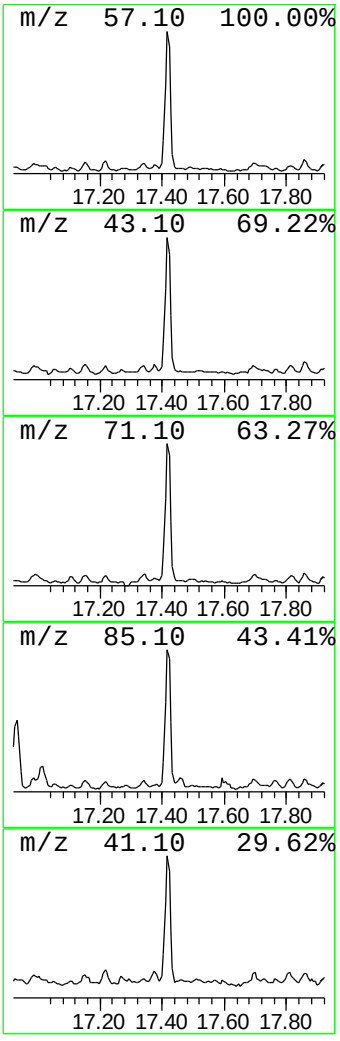
**********

Peak Number 33 unknown-01 Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.42 | 15.02 ng/ul | 1558510 | Phenanthrene-d10 | 16.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 9-ethenyl- | 204 | C16H12 | 002444-68-0 | 42 |
| 2 | Decane, 1-iodo- | 268 | C10H21I | 002050-77-3 | 41 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 38 |
| 4 | Undecane, 3-methyl- | 170 | C12H26 | 001002-43-3 | 38 |
| 5 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

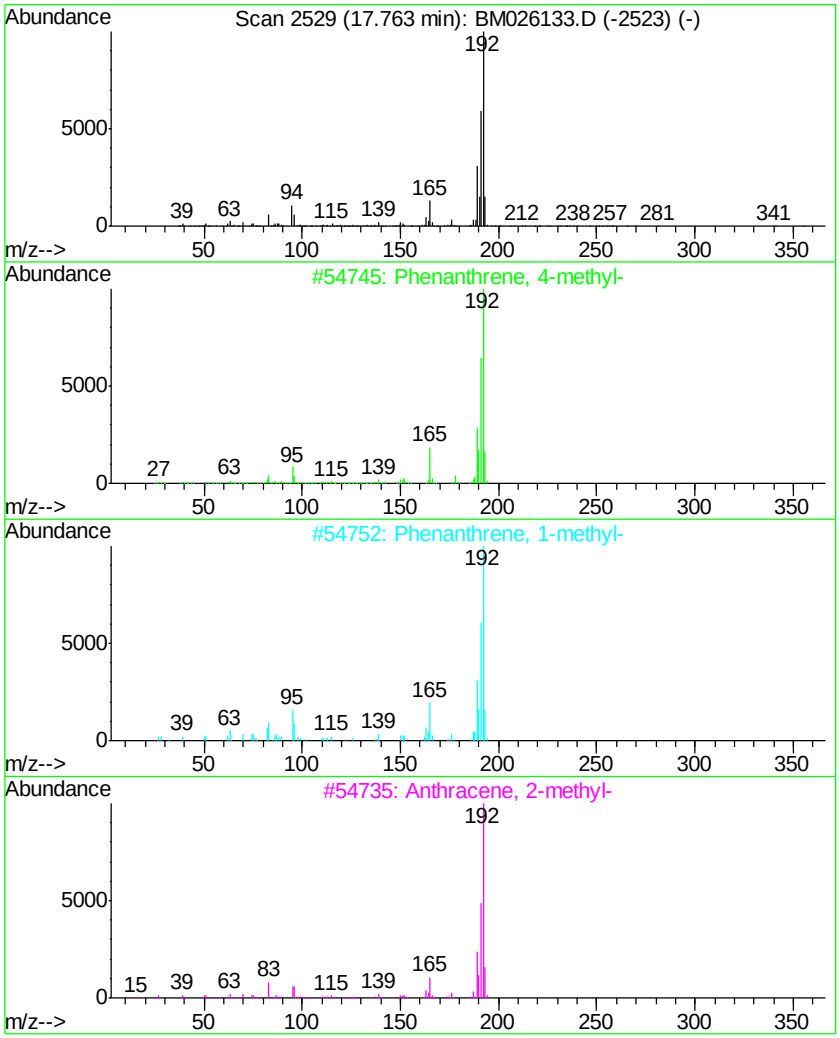
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

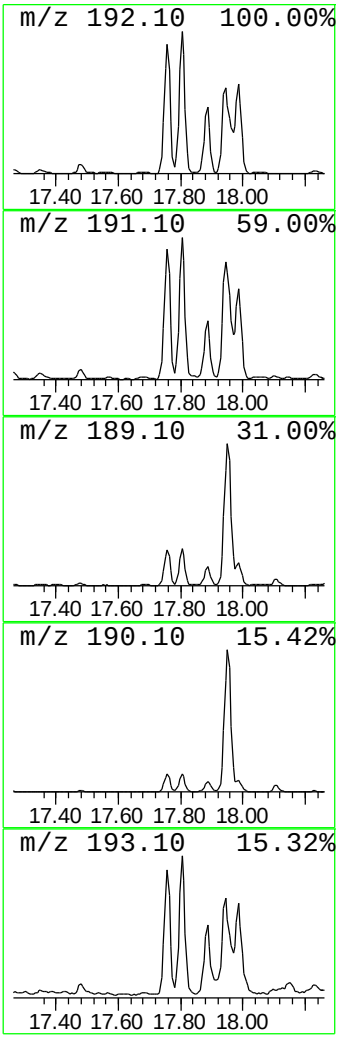
**********

Peak Number 34 Phenanthrene, 4-methyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.76 | 25.78 ng/ul | 2674080 | Phenanthrene-d10 | 16.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 95 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 94 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 93 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

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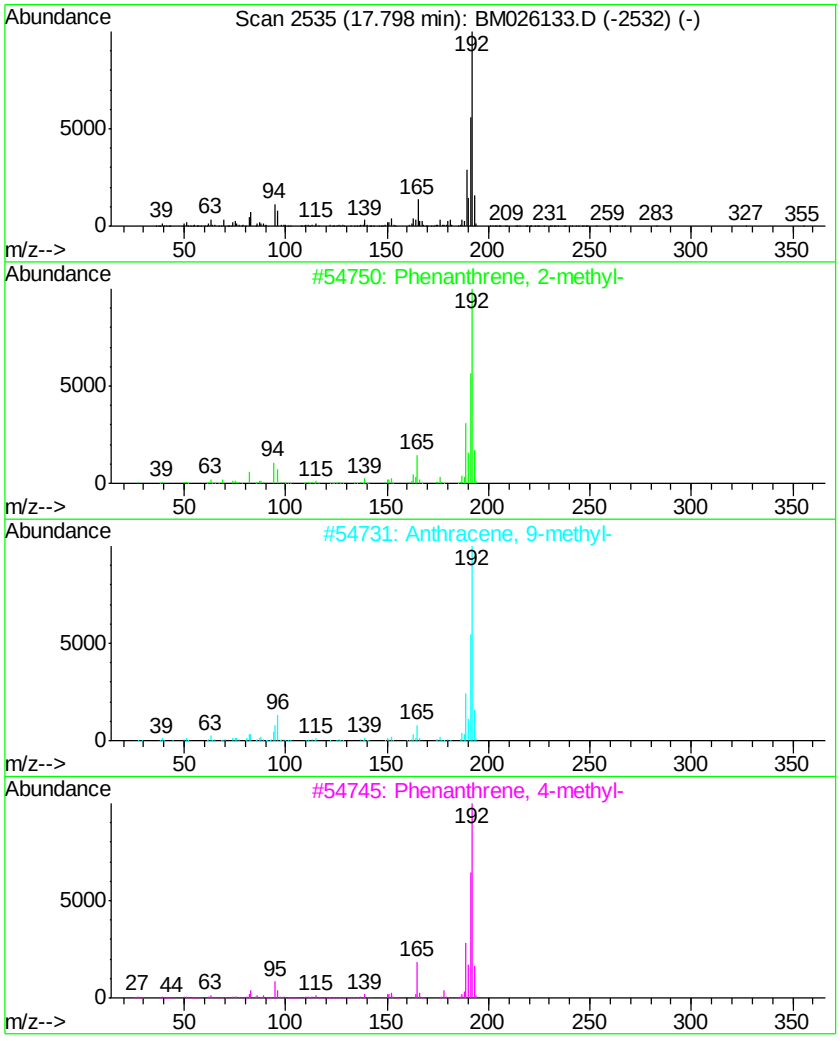
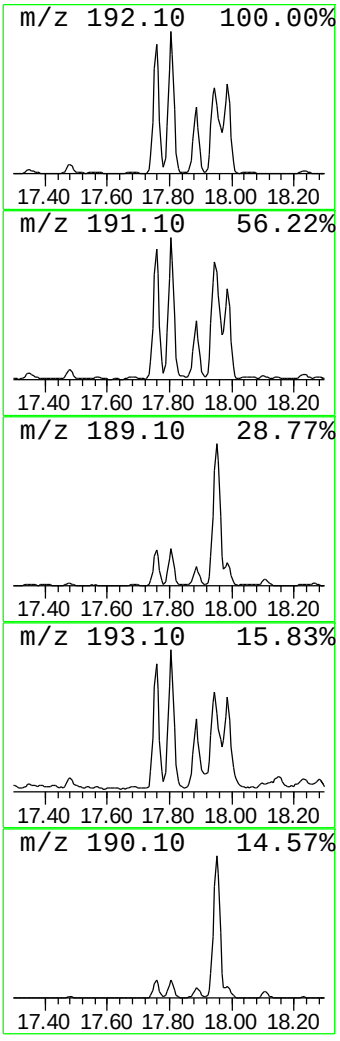
Peak Number 35 Phenanthrene, 2-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.80 | 29.32 ng/ul | 3041090 | Phenanthrene-d10 | 16.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 98 |
| 2 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 95 |
| 3 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 95 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

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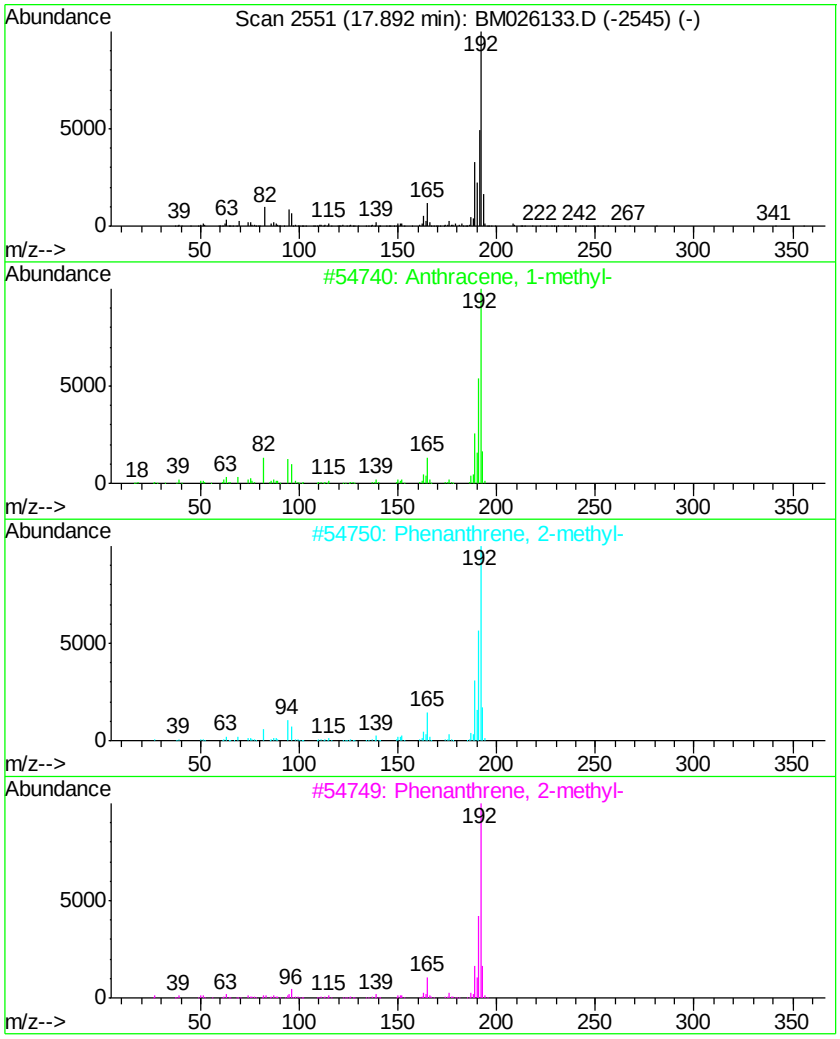
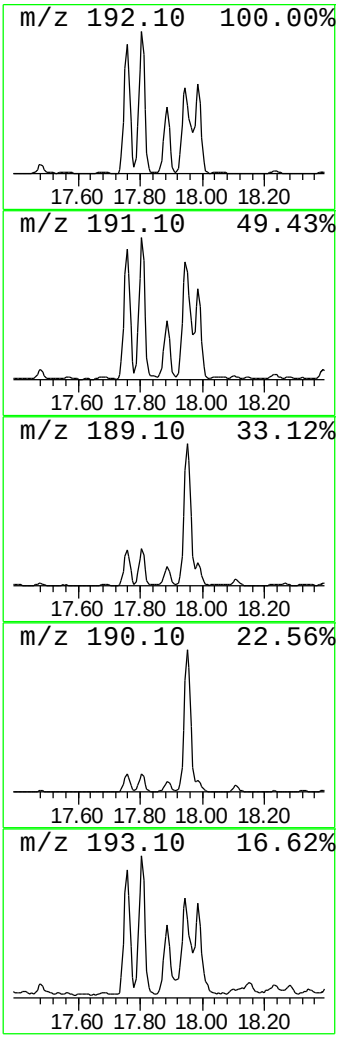
Peak Number 36 Anthracene, 1-methyl- Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.89 | 12.54 ng/ul | 1300330 | Phenanthrene-d10 | 16.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 98 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 96 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

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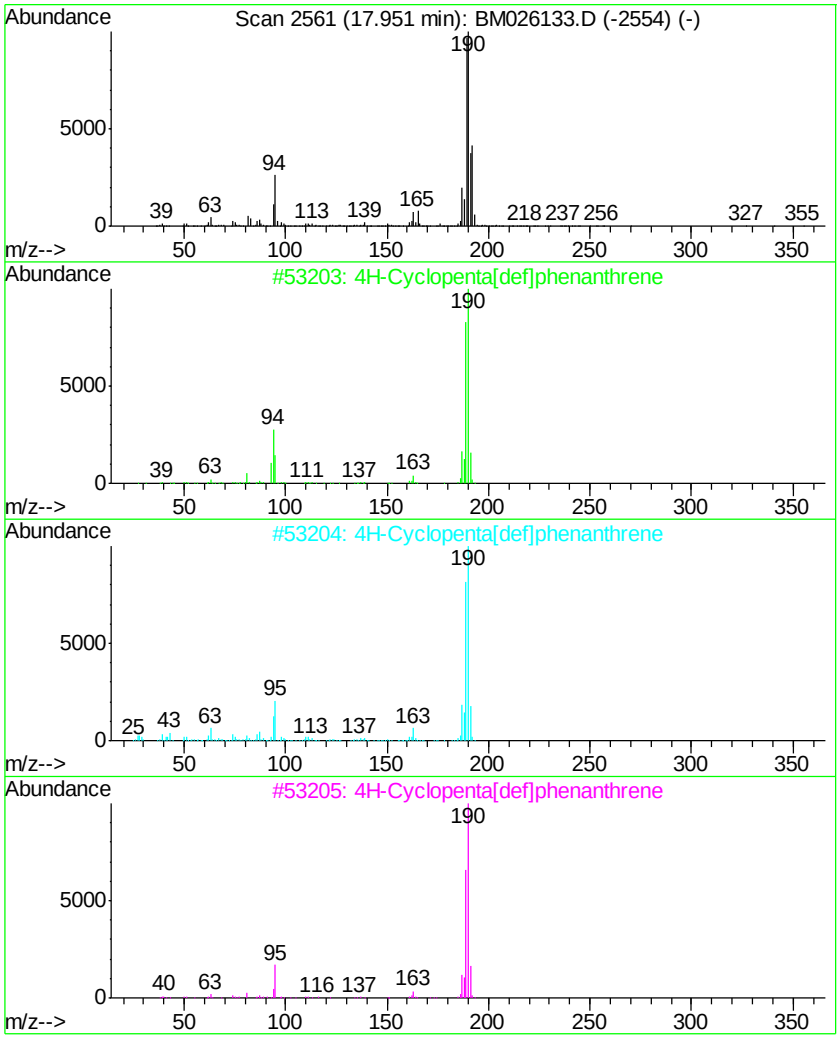
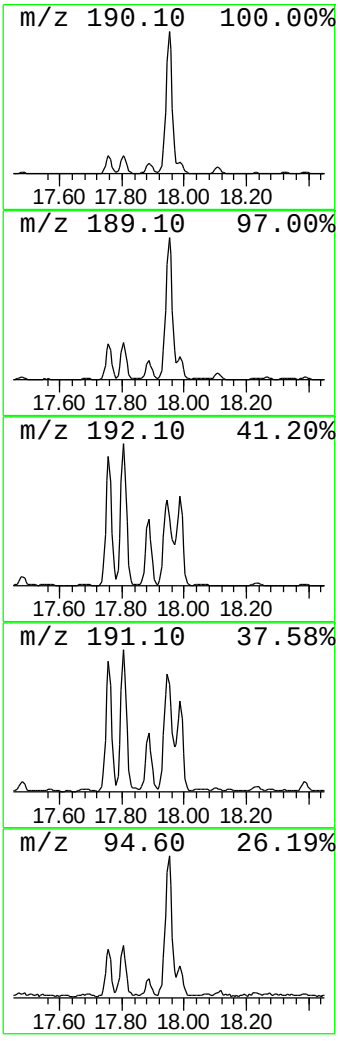
Peak Number 37 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.95 | 59.09 ng/ul | 6129470 | Phenanthrene-d10 | 16.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 93 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 64 |
| 3 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 58 |
| 4 | Thiophene-3-carboxaldehyde, 5-ch... | 190 | C5H4BClO3S | 036155-87-0 | 50 |
| 5 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 45 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

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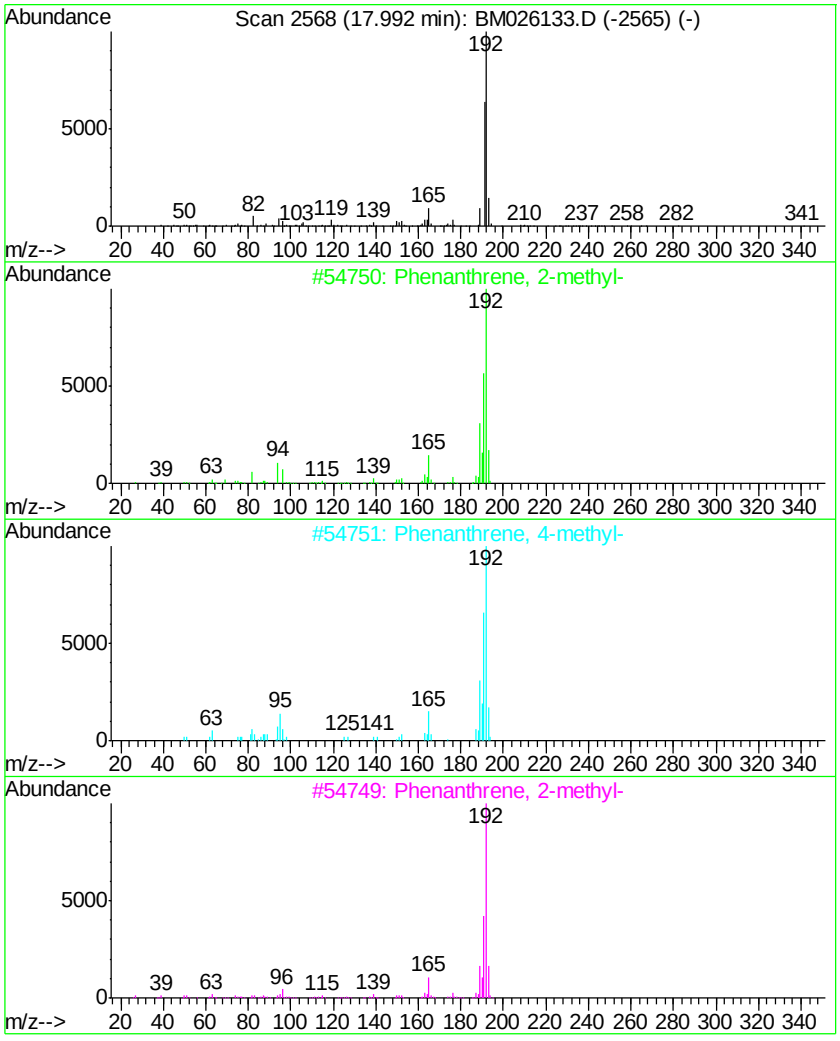
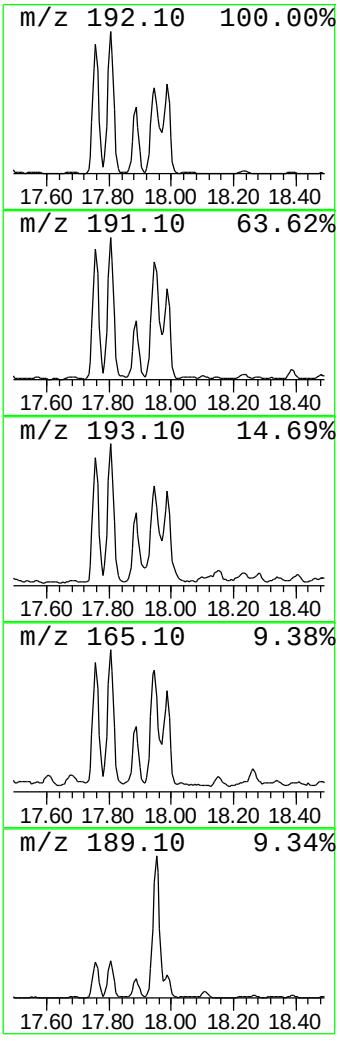
Peak Number 38 Propyne, 1,3-diphenyl- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.99 | 14.19 ng/ul | 1471550 | Phenanthrene-d10 | 16.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |
| 2 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 93 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 91 |
| 4 | Propyne, 1,3-diphenyl- | 192 | C15H12 | 004980-70-5 | 91 |
| 5 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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

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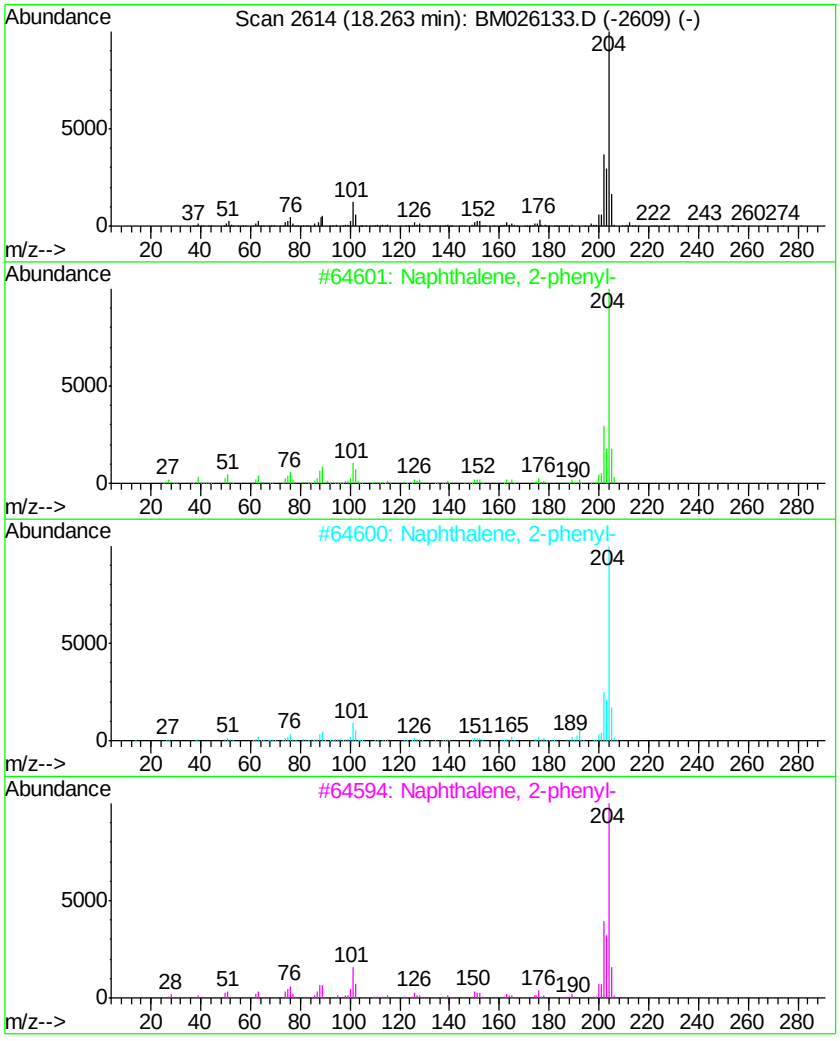
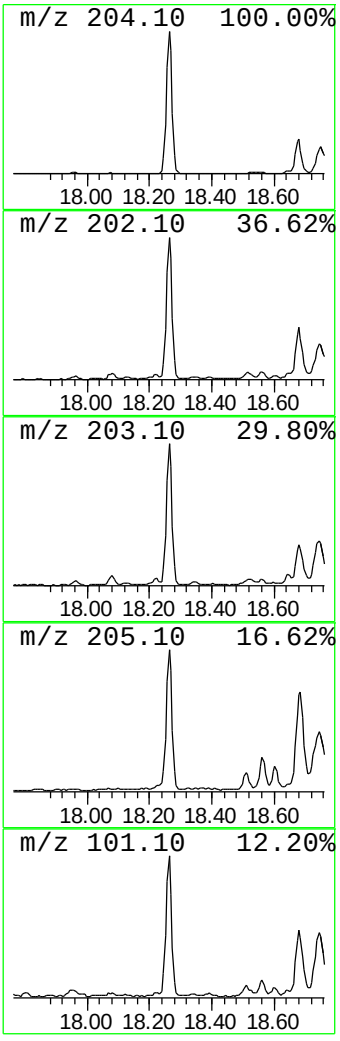
Peak Number 39 Naphthalene, 2-phenyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.26 | 18.47 ng/ul | 1916290 | Phenanthrene-d10 | 16.88 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 94 |
| 2 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 94 |
| 3 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 90 |
| 4 | Naphthalene, 1-phenyl- | 204 | C16H12 | 000605-02-7 | 86 |
| 5 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 81 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026133.D
Acq On : 27 May 2020 03:23
Operator : MA/SJ
Sample : L2756-07 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ETKW9

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 |
| Thiophene, 3-methyl- | 3.85 | 16.9 | ng/ul | 920390 | 1 | 7.49 | 1090030 | 20.0 |
| Benzene, 1,3-dime... | 5.19 | 943.0 | ng/ul | 51397000 | 1 | 7.49 | 1090030 | 20.0 |
| Bicyclo[4.2.0]oct... | 5.52 | 611.5 | ng/ul | 33325600 | 1 | 7.49 | 1090030 | 20.0 |
| Benzene, propyl- | 6.49 | 13.8 | ng/ul | 749545 | 1 | 7.49 | 1090030 | 20.0 |
| Benzene, 1-ethyl-... | 6.59 | 45.0 | ng/ul | 2455410 | 1 | 7.49 | 1090030 | 20.0 |
| .alpha.-Methylsty... | 6.93 | 15.2 | ng/ul | 825958 | 1 | 7.49 | 1090030 | 20.0 |
| 2,4-Nonadiyne | 7.15 | 210.7 | ng/ul | 11483400 | 1 | 7.49 | 1090030 | 20.0 |
| Benzene, 1-etheny... | 7.23 | 39.3 | ng/ul | 2141130 | 1 | 7.49 | 1090030 | 20.0 |
| 4-Cyanocyclohexene | 7.55 | 299.4 | ng/ul | 16317600 | 1 | 7.49 | 1090030 | 20.0 |
| Benzene, 1,2,3-tr... | 7.60 | 44.3 | ng/ul | 2415570 | 1 | 7.49 | 1090030 | 20.0 |
| Benzene, 2-propenyl- | 7.68 | 42.1 | ng/ul | 2295230 | 1 | 7.49 | 1090030 | 20.0 |
| Indane | 7.86 | 38.8 | ng/ul | 2111750 | 1 | 7.49 | 1090030 | 20.0 |
| Cyclohexanone, 3,... | 7.95 | 233.9 | ng/ul | 12748300 | 1 | 7.49 | 1090030 | 20.0 |
| Indene | 8.05 | 1283.4 | ng/ul | 69946200 | 1 | 7.49 | 1090030 | 20.0 |
| Cyclohexanol, 3,3... | 8.12 | 29.5 | ng/ul | 1609180 | 1 | 7.49 | 1090030 | 20.0 |
| 4-Phenylbut-3-ene... | 10.36 | 20.0 | ng/ul | 149248000 | 2 | 10.26 | 149248000 | 20.0 |
| Benzeneacetic aci... | 12.25 | 7.3 | ng/ul | 906220 | 3 | 14.13 | 2475800 | 20.0 |
| Naphthalene, 1,7-... | 13.29 | 16.3 | ng/ul | 2017200 | 3 | 14.13 | 2475800 | 20.0 |
| Naphthalene, 2,3-... | 13.45 | 22.8 | ng/ul | 2824000 | 3 | 14.13 | 2475800 | 20.0 |
| 1,1'-Biphenyl, 3-... | 14.75 | 9.3 | ng/ul | 1153050 | 3 | 14.13 | 2475800 | 20.0 |
| 1H-Phenalene | 15.01 | 13.0 | ng/ul | 1603890 | 3 | 14.13 | 2475800 | 20.0 |
| (DEL) Alkane: Str... | 15.89 | 9.2 | ng/ul | 958078 | 4 | 16.88 | 2074670 | 20.0 |
| 9H-Fluorene, 1-me... | 16.19 | 11.3 | ng/ul | 1176440 | 4 | 16.88 | 2074670 | 20.0 |
| Naphtho[1,2-b]thi... | 16.69 | 22.5 | ng/ul | 2335140 | 4 | 16.88 | 2074670 | 20.0 |
| unknown-01 | 17.42 | 15.0 | ng/ul | 1558510 | 4 | 16.88 | 2074670 | 20.0 |
| Phenanthrene, 4-m... | 17.76 | 25.8 | ng/ul | 2674080 | 4 | 16.88 | 2074670 | 20.0 |
| Phenanthrene, 2-m... | 17.80 | 29.3 | ng/ul | 3041090 | 4 | 16.88 | 2074670 | 20.0 |
| Anthracene, 1-met... | 17.89 | 12.5 | ng/ul | 1300330 | 4 | 16.88 | 2074670 | 20.0 |
| 4H-Cyclopenta[def... | 17.95 | 59.1 | ng/ul | 6129470 | 4 | 16.88 | 2074670 | 20.0 |
| Propyne, 1,3-diph... | 17.99 | 14.2 | ng/ul | 1471550 | 4 | 16.88 | 2074670 | 20.0 |
| Naphthalene, 2-ph... | 18.26 | 18.5 | ng/ul | 1916290 | 4 | 16.88 | 2074670 | 20.0 |