LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

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_P\METHODS\SOM-EPA-BP121820MA.M
Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.481 | 216 | 220 | 227 | rVB2 | 67973 | 111228 | 2.35% | 0.148% |
| 2 | 6.993 | 639 | 647 | 663 | rVB2 | 165553 | 430793 | 9.08% | 0.572% |
| 3 | 7.158 | 668 | 675 | 682 | rVV | 459497 | 755841 | 15.94% | 1.004% |
| 4 | 7.358 | 703 | 709 | 715 | rVV | 530431 | 894469 | 18.86% | 1.189% |
| 5 | 7.416 | 715 | 719 | 725 | rVV | 71763 | 123622 | 2.61% | 0.164% |
| 6 | 7.481 | 725 | 730 | 739 | rVB4 | 48496 | 89077 | 1.88% | 0.118% |
| 7 | 7.822 | 781 | 788 | 795 | rBV | 996796 | 1607714 | 33.90% | 2.136% |
| 8 | 7.963 | 805 | 812 | 823 | rVB | 415958 | 705136 | 14.87% | 0.937% |
| 9 | 8.199 | 845 | 852 | 859 | rBV | 157582 | 279478 | 5.89% | 0.371% |
| 10 | 8.469 | 891 | 898 | 903 | rBV | 165347 | 269222 | 5.68% | 0.358% |
| 11 | 8.528 | 903 | 908 | 915 | rVB | 465364 | 729540 | 15.39% | 0.969% |
| 12 | 8.805 | 949 | 955 | 960 | rBV | 125232 | 201714 | 4.25% | 0.268% |
| 13 | 8.928 | 967 | 976 | 979 | rBV2 | 118775 | 185446 | 3.91% | 0.246% |
| 14 | 8.975 | 979 | 984 | 993 | rVB | 534829 | 955229 | 20.14% | 1.269% |
| 15 | 9.063 | 993 | 999 | 1011 | rVB | 496050 | 865548 | 18.25% | 1.150% |
| 16 | 9.181 | 1011 | 1019 | 1026 | rVB | 38739 | 101853 | 2.15% | 0.135% |
| 17 | 9.705 | 1101 | 1108 | 1114 | rBV2 | 615096 | 1120829 | 23.64% | 1.489% |
| 18 | 9.828 | 1122 | 1129 | 1132 | rBV8 | 52341 | 112003 | 2.36% | 0.149% |
| 19 | 10.034 | 1158 | 1164 | 1172 | rVV | 1045037 | 1821673 | 38.42% | 2.421% |
| 20 | 10.163 | 1179 | 1186 | 1192 | rVB | 253730 | 508504 | 10.72% | 0.676% |
| 21 | 10.240 | 1192 | 1199 | 1208 | rBV | 837310 | 1467162 | 30.94% | 1.949% |
| 22 | 10.404 | 1220 | 1227 | 1232 | rBV7 | 36750 | 93597 | 1.97% | 0.124% |
| 23 | 10.622 | 1254 | 1264 | 1268 | rBV | 1351611 | 2449182 | 51.65% | 3.254% |
| 24 | 10.669 | 1268 | 1272 | 1279 | rVB | 825981 | 1345649 | 28.38% | 1.788% |
| 25 | 10.752 | 1279 | 1286 | 1298 | rVB | 605935 | 1249528 | 26.35% | 1.660% |
| 26 | 10.869 | 1300 | 1306 | 1316 | rVB5 | 57176 | 111252 | 2.35% | 0.148% |
| 27 | 10.963 | 1316 | 1322 | 1330 | rVB | 65903 | 128016 | 2.70% | 0.170% |
| 28 | 11.210 | 1359 | 1364 | 1371 | rVB | 119198 | 218421 | 4.61% | 0.290% |
| 29 | 11.451 | 1398 | 1405 | 1410 | rVV4 | 82629 | 175694 | 3.71% | 0.233% |
| 30 | 11.963 | 1484 | 1492 | 1497 | rBV | 128904 | 254365 | 5.36% | 0.338% |
| 31 | 12.122 | 1513 | 1519 | 1524 | rBV4 | 79397 | 148376 | 3.13% | 0.197% |
| 32 | 12.187 | 1525 | 1530 | 1534 | rVV4 | 48904 | 102147 | 2.15% | 0.136% |
| 33 | 12.228 | 1534 | 1537 | 1541 | rVV2 | 75004 | 128209 | 2.70% | 0.170% |
| 34 | 12.287 | 1541 | 1547 | 1550 | rVV | 258766 | 434481 | 9.16% | 0.577% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

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_P\METHODS\SOM-EPA-BP121820MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 12.328 | 1550 | 1554 | 1560 | rVV2 | 210435 | 429871 | 9.07% | 0.571% |
| 36 | 12.387 | 1560 | 1564 | 1570 | rVB4 | 111191 | 174120 | 3.67% | 0.231% |
| 37 | 12.504 | 1576 | 1584 | 1589 | rVB2 | 323054 | 550525 | 11.61% | 0.732% |
| 38 | 12.616 | 1598 | 1603 | 1607 | rBV | 121588 | 195351 | 4.12% | 0.260% |
| 39 | 12.657 | 1607 | 1610 | 1615 | rVV2 | 78267 | 137665 | 2.90% | 0.183% |
| 40 | 12.728 | 1616 | 1622 | 1629 | rVB7 | 76036 | 182618 | 3.85% | 0.243% |
| 41 | 12.810 | 1631 | 1636 | 1643 | rBV5 | 62956 | 131580 | 2.77% | 0.175% |
| 42 | 12.887 | 1643 | 1649 | 1652 | rBV2 | 87791 | 154216 | 3.25% | 0.205% |
| 43 | 13.040 | 1671 | 1675 | 1685 | rVB | 60058 | 157512 | 3.32% | 0.209% |
| 44 | 13.146 | 1685 | 1693 | 1695 | rBV6 | 40066 | 94624 | 2.00% | 0.126% |
| 45 | 13.204 | 1695 | 1703 | 1707 | rVV7 | 71631 | 144358 | 3.04% | 0.192% |
| 46 | 13.263 | 1707 | 1713 | 1717 | rBV3 | 81894 | 145653 | 3.07% | 0.194% |
| 47 | 13.334 | 1717 | 1725 | 1729 | rBV4 | 77318 | 187168 | 3.95% | 0.249% |
| 48 | 13.434 | 1737 | 1742 | 1748 | rVB5 | 88719 | 162023 | 3.42% | 0.215% |
| 49 | 13.516 | 1749 | 1756 | 1766 | rVB10 | 46739 | 157874 | 3.33% | 0.210% |
| 50 | 13.604 | 1766 | 1771 | 1773 | rBV2 | 90475 | 148580 | 3.13% | 0.197% |
| 51 | 13.645 | 1773 | 1778 | 1784 | rVV5 | 133780 | 302280 | 6.37% | 0.402% |
| 52 | 13.740 | 1791 | 1794 | 1798 | rVV3 | 56233 | 95886 | 2.02% | 0.127% |
| 53 | 13.793 | 1799 | 1803 | 1807 | rVV3 | 113470 | 209180 | 4.41% | 0.278% |
| 54 | 13.840 | 1807 | 1811 | 1813 | rVV3 | 117770 | 202895 | 4.28% | 0.270% |
| 55 | 13.875 | 1813 | 1817 | 1822 | rVV | 1404970 | 2055489 | 43.35% | 2.731% |
| 56 | 13.922 | 1822 | 1825 | 1829 | rVV | 265462 | 364103 | 7.68% | 0.484% |
| 57 | 13.963 | 1829 | 1832 | 1837 | rVB3 | 144853 | 215113 | 4.54% | 0.286% |
| 58 | 14.028 | 1837 | 1843 | 1847 | rBV5 | 106936 | 213697 | 4.51% | 0.284% |
| 59 | 14.163 | 1860 | 1866 | 1880 | rVB | 1668072 | 2720174 | 57.37% | 3.614% |
| 60 | 14.281 | 1881 | 1886 | 1891 | rBV3 | 61582 | 124224 | 2.62% | 0.165% |
| 61 | 14.393 | 1901 | 1905 | 1910 | rVV6 | 111194 | 171850 | 3.62% | 0.228% |
| 62 | 14.469 | 1912 | 1918 | 1924 | rVV | 2062507 | 3289742 | 69.38% | 4.371% |
| 63 | 14.534 | 1924 | 1929 | 1936 | rVB | 954981 | 1501887 | 31.67% | 1.996% |
| 64 | 14.598 | 1936 | 1940 | 1944 | rBV | 90467 | 140076 | 2.95% | 0.186% |
| 65 | 14.681 | 1950 | 1954 | 1961 | rVB2 | 128275 | 196932 | 4.15% | 0.262% |
| 66 | 14.781 | 1967 | 1971 | 1975 | rBV4 | 62021 | 110555 | 2.33% | 0.147% |
| 67 | 14.869 | 1981 | 1986 | 1995 | rVV | 399904 | 620466 | 13.08% | 0.824% |
| 68 | 15.216 | 2040 | 2045 | 2050 | rBV | 708154 | 962213 | 20.29% | 1.279% |
| 69 | 15.469 | 2082 | 2088 | 2093 | rBV | 2082440 | 3021196 | 63.71% | 4.014% |
| 70 | 15.522 | 2093 | 2097 | 2103 | rVB | 687868 | 1046289 | 22.06% | 1.390% |
| 71 | 15.592 | 2104 | 2109 | 2114 | rBV | 400610 | 580910 | 12.25% | 0.772% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

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_P\METHODS\SOM-EPA-BP121820MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 15.692 | 2122 | 2126 | 2129 | rBV2 | 103138 | 167981 | 3.54% | 0.223% |
| 73 | 15.828 | 2144 | 2149 | 2157 | rVB4 | 80415 | 194086 | 4.09% | 0.258% |
| 74 | 15.987 | 2170 | 2176 | 2184 | rVB | 844244 | 1264327 | 26.66% | 1.680% |
| 75 | 16.157 | 2199 | 2205 | 2210 | rBV | 249997 | 428775 | 9.04% | 0.570% |
| 76 | 16.322 | 2228 | 2233 | 2236 | rBV3 | 56077 | 101594 | 2.14% | 0.135% |
| 77 | 16.498 | 2258 | 2263 | 2267 | rBV | 473243 | 637918 | 13.45% | 0.848% |
| 78 | 16.539 | 2267 | 2270 | 2276 | rVB4 | 92634 | 155445 | 3.28% | 0.207% |
| 79 | 16.816 | 2313 | 2317 | 2321 | rVB5 | 77811 | 117661 | 2.48% | 0.156% |
| 80 | 17.039 | 2352 | 2355 | 2361 | rVB2 | 117204 | 213949 | 4.51% | 0.284% |
| 81 | 17.234 | 2382 | 2388 | 2392 | rBV | 2571971 | 3886217 | 81.96% | 5.164% |
| 82 | 17.275 | 2392 | 2395 | 2399 | rVV | 1163677 | 1547340 | 32.63% | 2.056% |
| 83 | 17.328 | 2399 | 2404 | 2415 | rVB | 2344899 | 3636299 | 76.69% | 4.832% |
| 84 | 17.428 | 2417 | 2421 | 2426 | rVB2 | 72900 | 105862 | 2.23% | 0.141% |
| 85 | 17.639 | 2452 | 2457 | 2462 | rVB | 793312 | 1107546 | 23.36% | 1.472% |
| 86 | 18.145 | 2540 | 2543 | 2552 | rVB2 | 134116 | 225439 | 4.75% | 0.300% |
| 87 | 18.216 | 2552 | 2555 | 2560 | rVB3 | 74303 | 111487 | 2.35% | 0.148% |
| 88 | 18.292 | 2564 | 2568 | 2572 | rVB2 | 112539 | 163643 | 3.45% | 0.217% |
| 89 | 18.681 | 2631 | 2634 | 2640 | rVB6 | 67542 | 88637 | 1.87% | 0.118% |
| 90 | 18.822 | 2655 | 2658 | 2662 | rBV | 96025 | 119018 | 2.51% | 0.158% |
| 91 | 19.245 | 2726 | 2730 | 2735 | rVB | 305299 | 399603 | 8.43% | 0.531% |
| 92 | 19.298 | 2736 | 2739 | 2743 | rVV2 | 120146 | 140668 | 2.97% | 0.187% |
| 93 | 19.569 | 2780 | 2785 | 2790 | rBV | 3141129 | 4364066 | 92.03% | 5.799% |
| 94 | 20.028 | 2860 | 2863 | 2869 | rVB | 174125 | 218238 | 4.60% | 0.290% |
| 95 | 20.657 | 2968 | 2970 | 2977 | rVB2 | 115199 | 156856 | 3.31% | 0.208% |
| 96 | 21.039 | 3032 | 3035 | 3042 | rVB2 | 143348 | 249497 | 5.26% | 0.332% |
| 97 | 21.104 | 3042 | 3046 | 3052 | rVB | 197885 | 255725 | 5.39% | 0.340% |
| 98 | 21.322 | 3078 | 3083 | 3091 | rBV | 3535811 | 4567415 | 96.32% | 6.069% |
| 99 | 23.527 | 3451 | 3458 | 3472 | rVB | 2072928 | 4418302 | 93.18% | 5.871% |
| 100 | 23.680 | 3477 | 3484 | 3494 | rVB | 2428365 | 4741858 | 100.00% | 6.301% |

Sum of corrected areas: 75259345

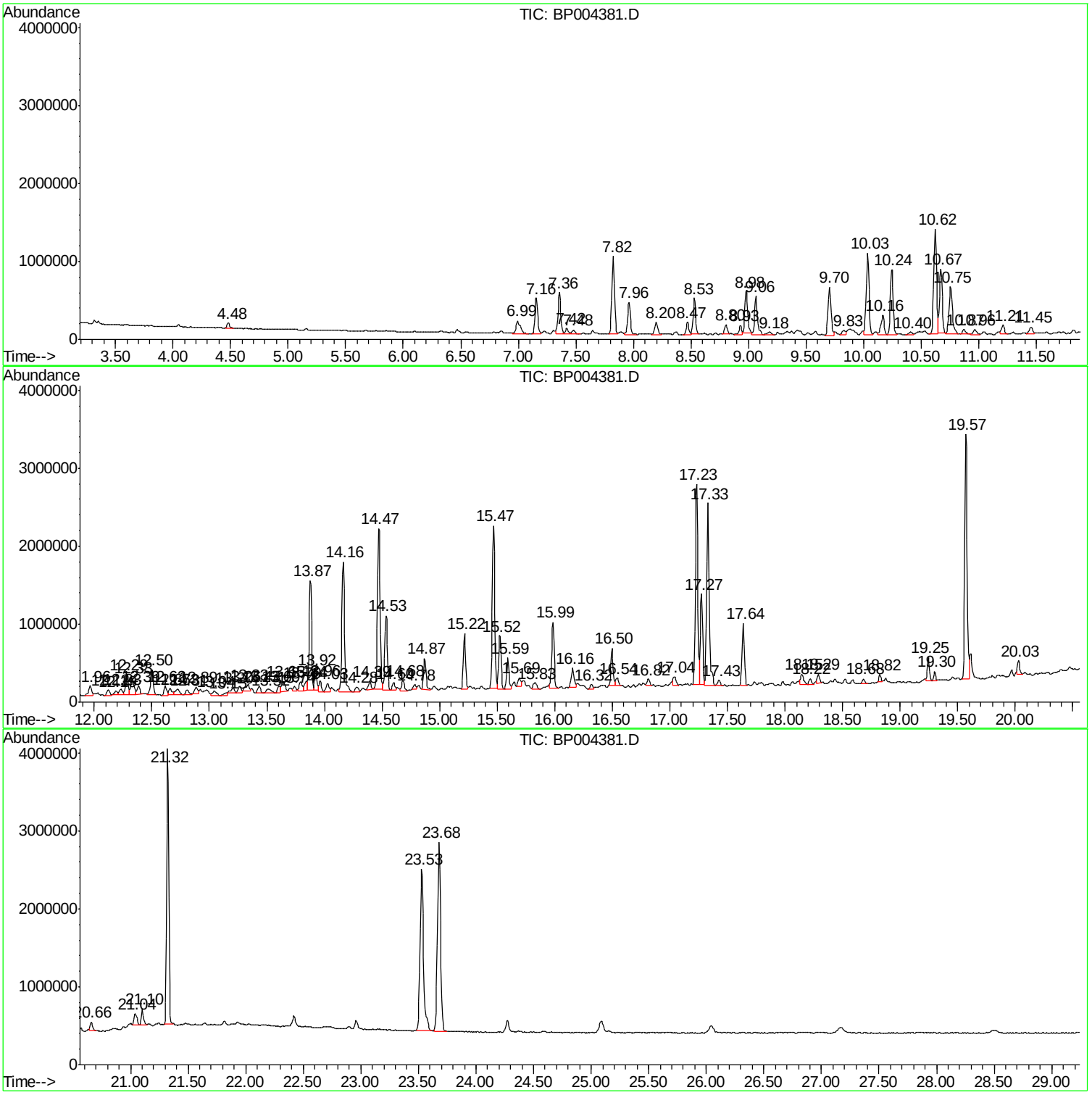
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

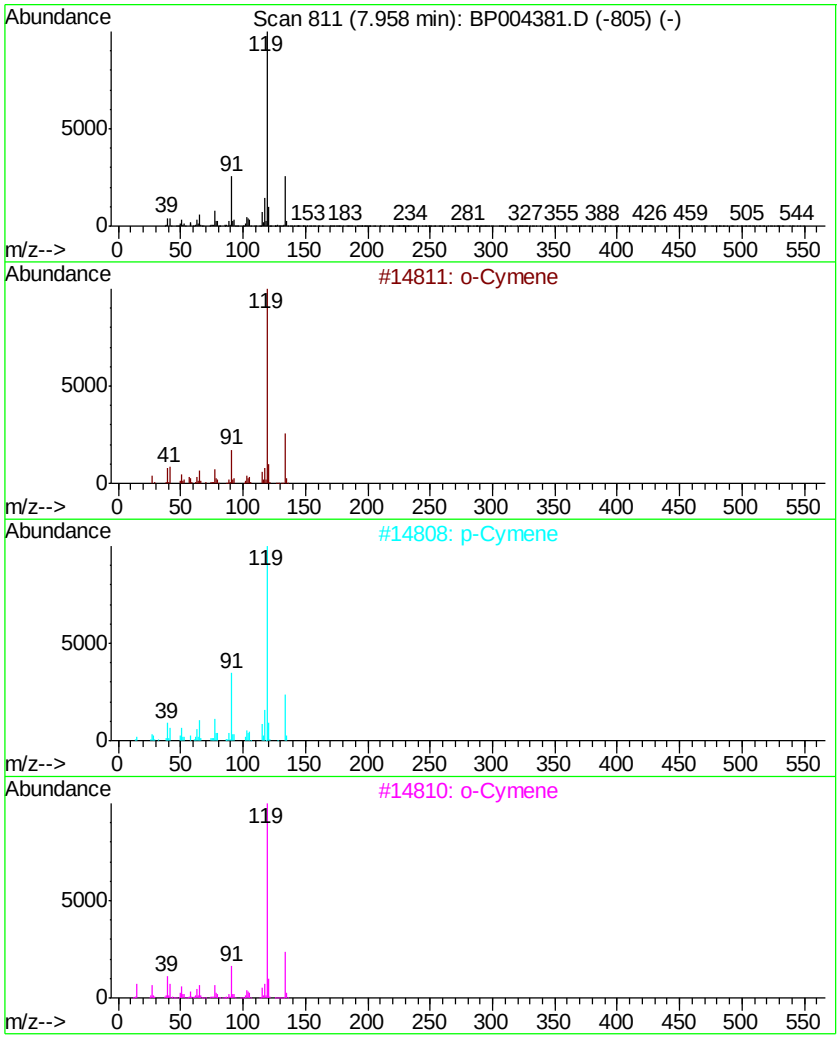
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

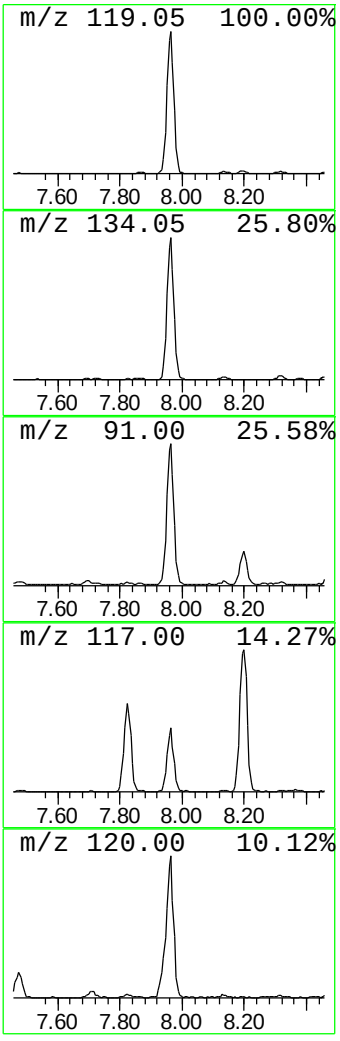
**********

Peak Number 1 o-Cymene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.96 | 8.77 ng/ul | 705136 | 1,4-Dichlorobenzene-d4 | 7.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 2 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 94 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 94 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

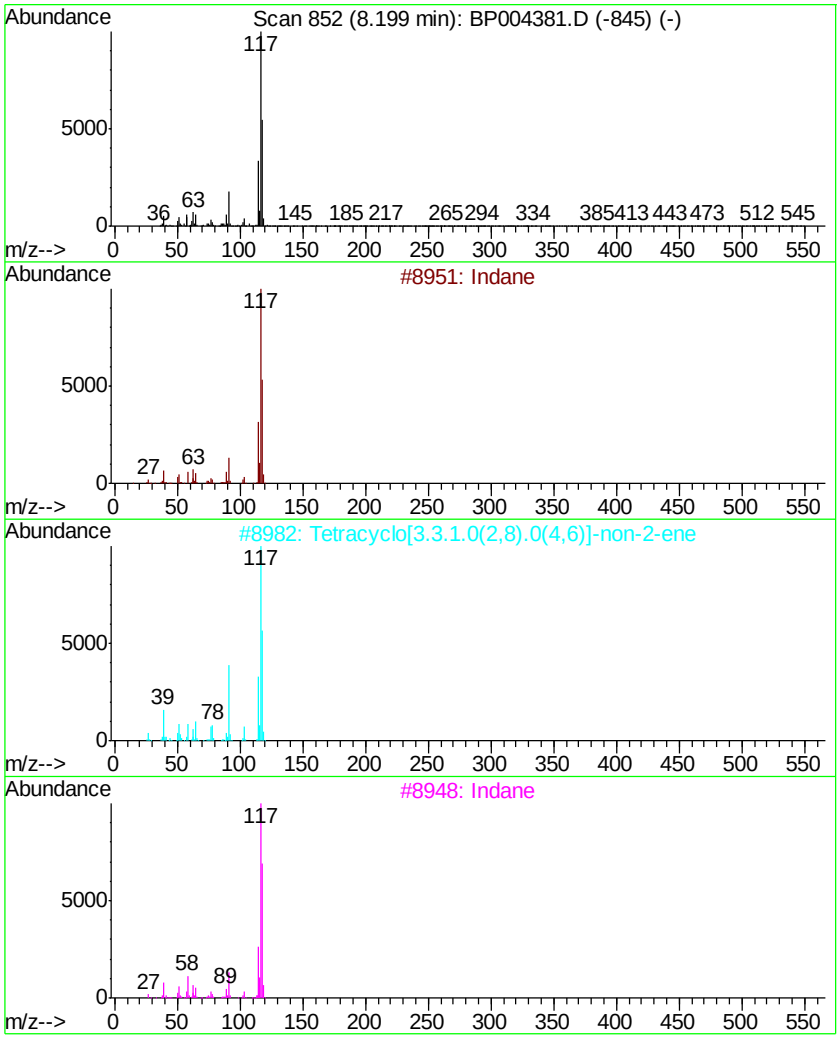
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

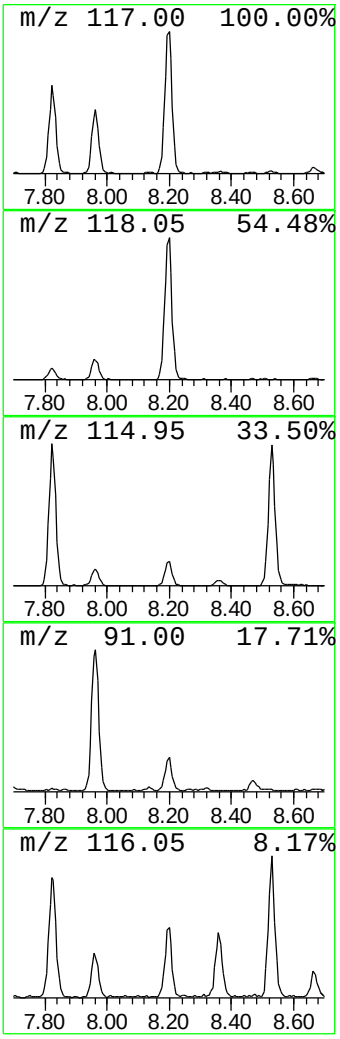
**********

Peak Number 2 Indane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.20 | 3.48 ng/ul | 279478 | 1,4-Dichlorobenzene-d4 | 7.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 93 |
| 2 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 83 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 83 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 64 |
| 5 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 64 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

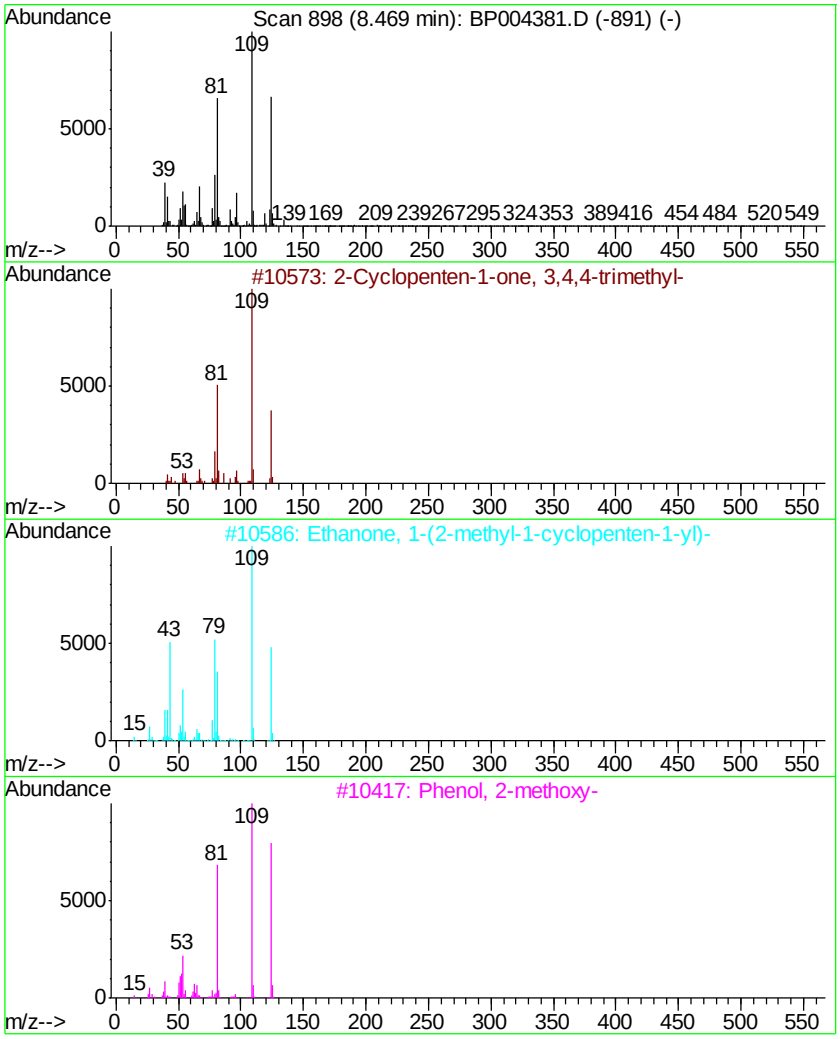
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

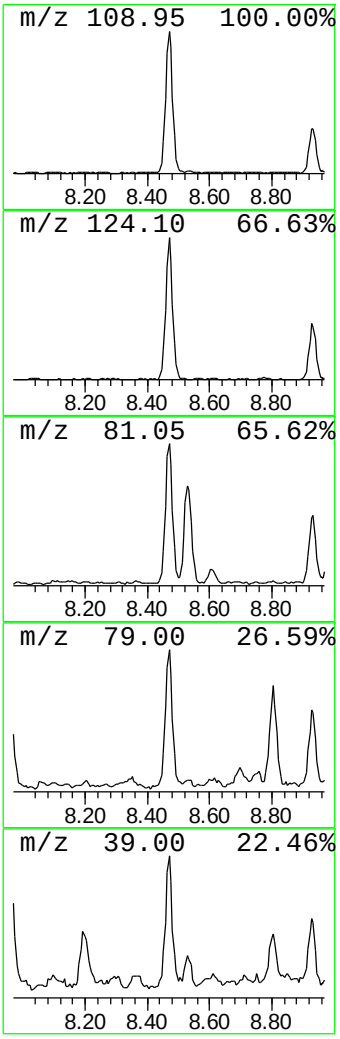
**********

Peak Number 3 2-Cyclopenten-1-one, 3,4,4-... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.47 | 3.35 ng/ul | 269222 | 1,4-Dichlorobenzene-d4 | 7.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Cyclopenten-1-one, 3,4,4-trime... | 124 | C8H12O | 030434-65-2 | 83 |
| 2 | Ethanone, 1-(2-methyl-1-cyclopen... | 124 | C8H12O | 003168-90-9 | 76 |
| 3 | Phenol, 2-methoxy- | 124 | C7H8O2 | 000090-05-1 | 64 |
| 4 | Mequinol | 124 | C7H8O2 | 000150-76-5 | 62 |
| 5 | Phenol, 2-methoxy- | 124 | C7H8O2 | 000090-05-1 | 62 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

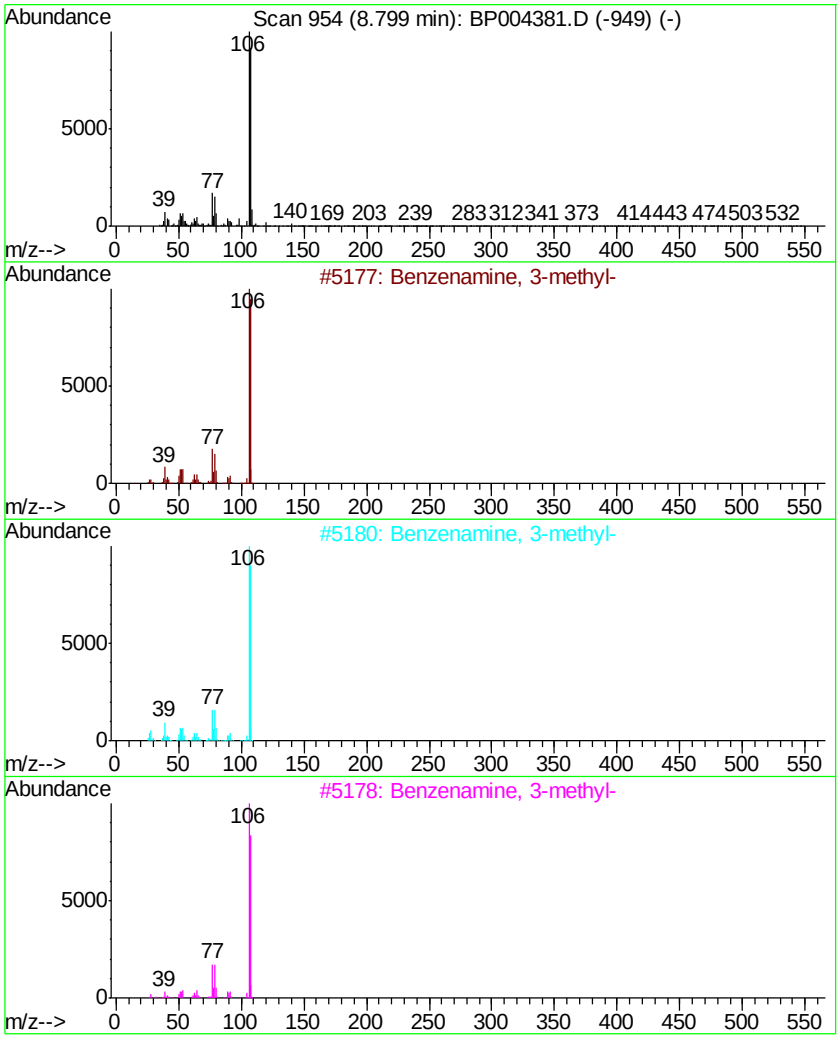
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

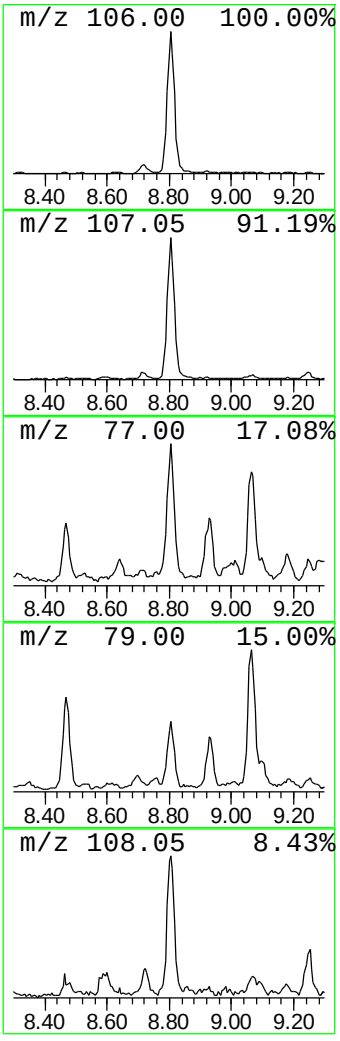
**********

Peak Number 4 Benzenamine, 3-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.80 | 2.51 ng/ul | 201714 | 1,4-Dichlorobenzene-d4 | 7.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenamine, 3-methyl- | 107 | C7H9N | 000108-44-1 | 97 |
| 2 | Benzenamine, 3-methyl- | 107 | C7H9N | 000108-44-1 | 97 |
| 3 | Benzenamine, 3-methyl- | 107 | C7H9N | 000108-44-1 | 97 |
| 4 | Benzenamine, 3-methyl- | 107 | C7H9N | 000108-44-1 | 95 |
| 5 | o-Toluidine | 107 | C7H9N | 000095-53-4 | 94 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

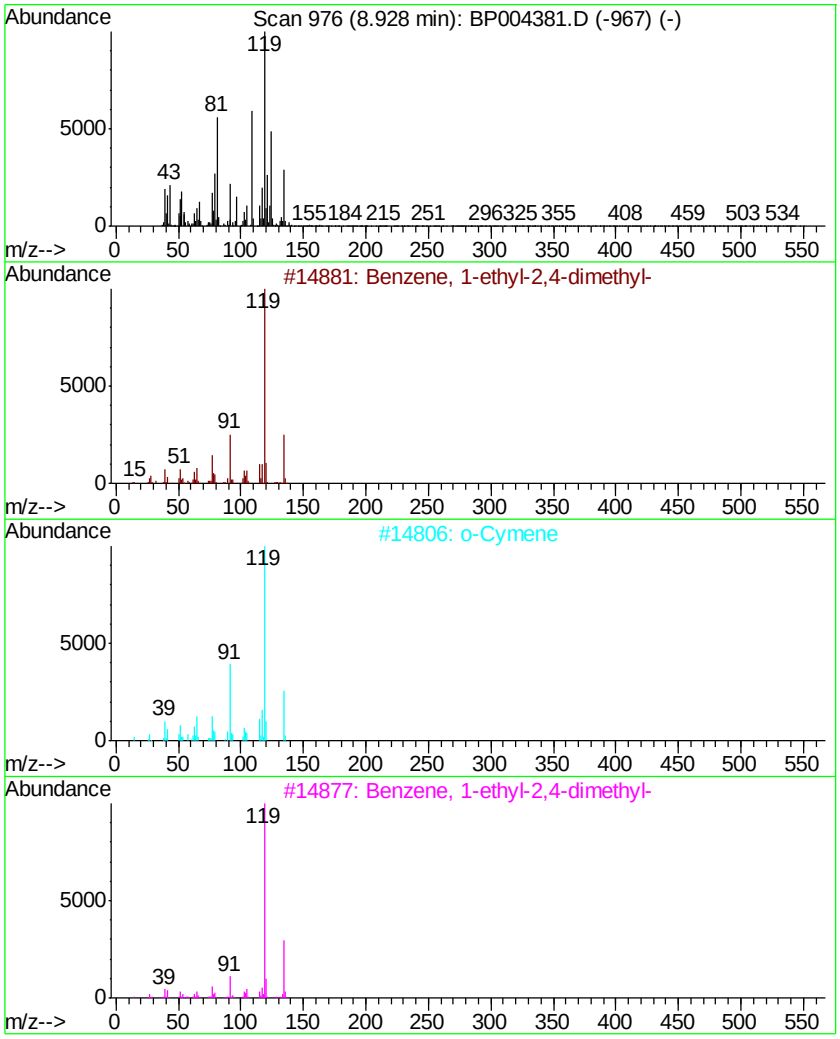
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

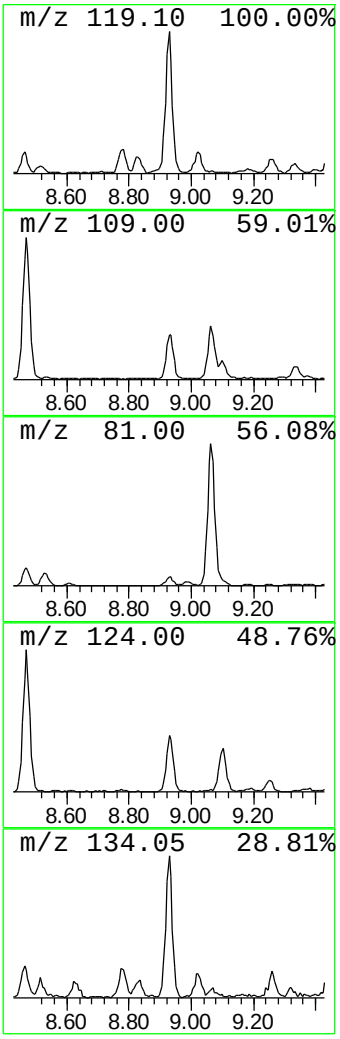
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.93 | 2.31 ng/ul | 185446 | 1,4-Dichlorobenzene-d4 | 7.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 83 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 50 |
| 3 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 46 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 46 |
| 5 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 46 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

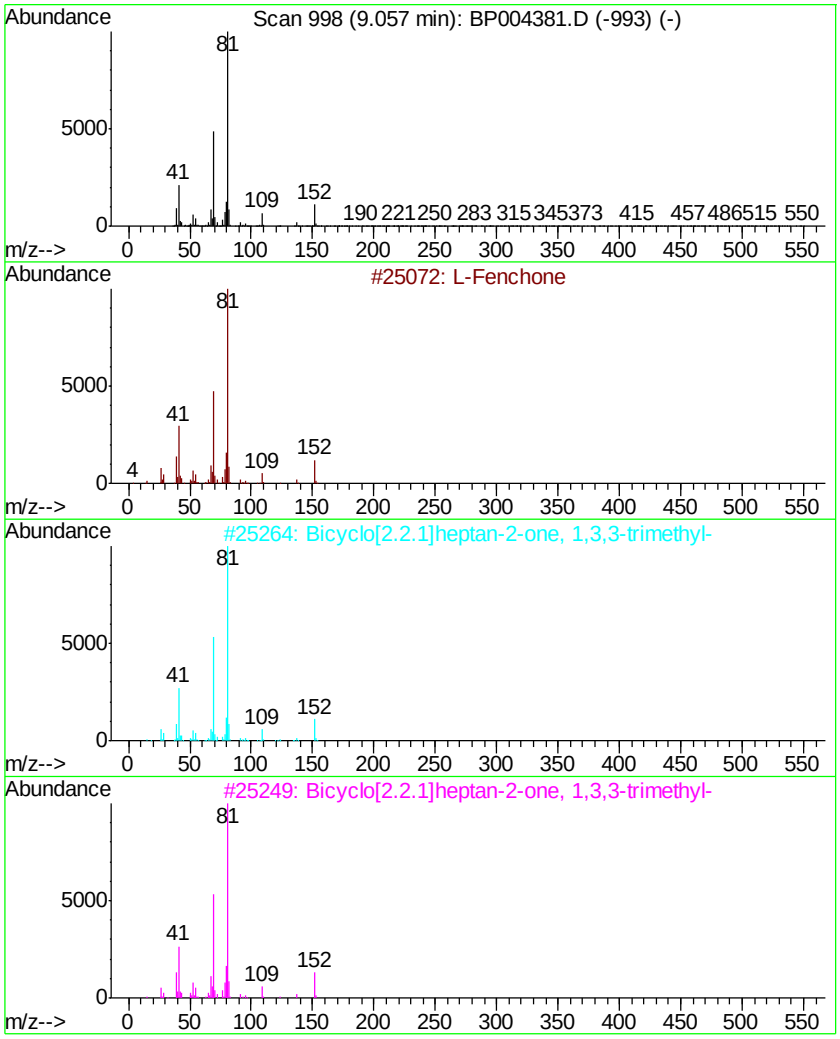
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

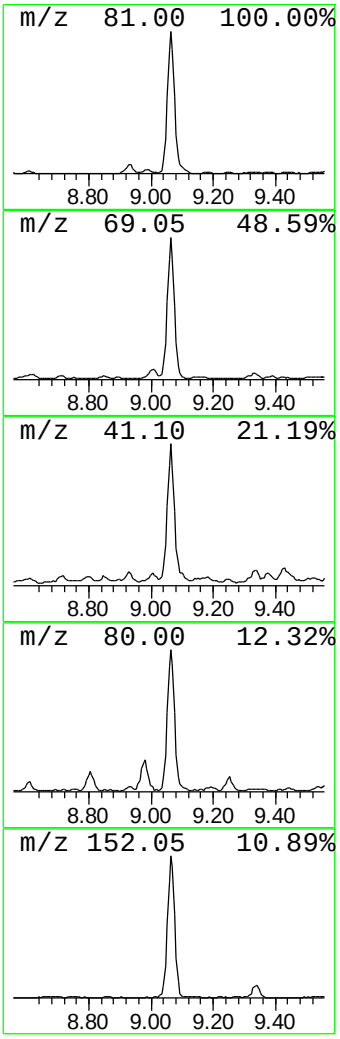
**********

Peak Number 6 L-Fenchone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.06 | 10.77 ng/ul | 865548 | 1,4-Dichlorobenzene-d4 | 7.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | L-Fenchone | 152 | C10H16O | 007787-20-4 | 95 |
| 2 | Bicyclo[2.2.1]heptan-2-one, 1,3,... | 152 | C10H16O | 001195-79-5 | 95 |
| 3 | Bicyclo[2.2.1]heptan-2-one, 1,3,... | 152 | C10H16O | 001195-79-5 | 95 |
| 4 | L-Fenchone | 152 | C10H16O | 007787-20-4 | 94 |
| 5 | D-Fenchone | 152 | C10H16O | 004695-62-9 | 94 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

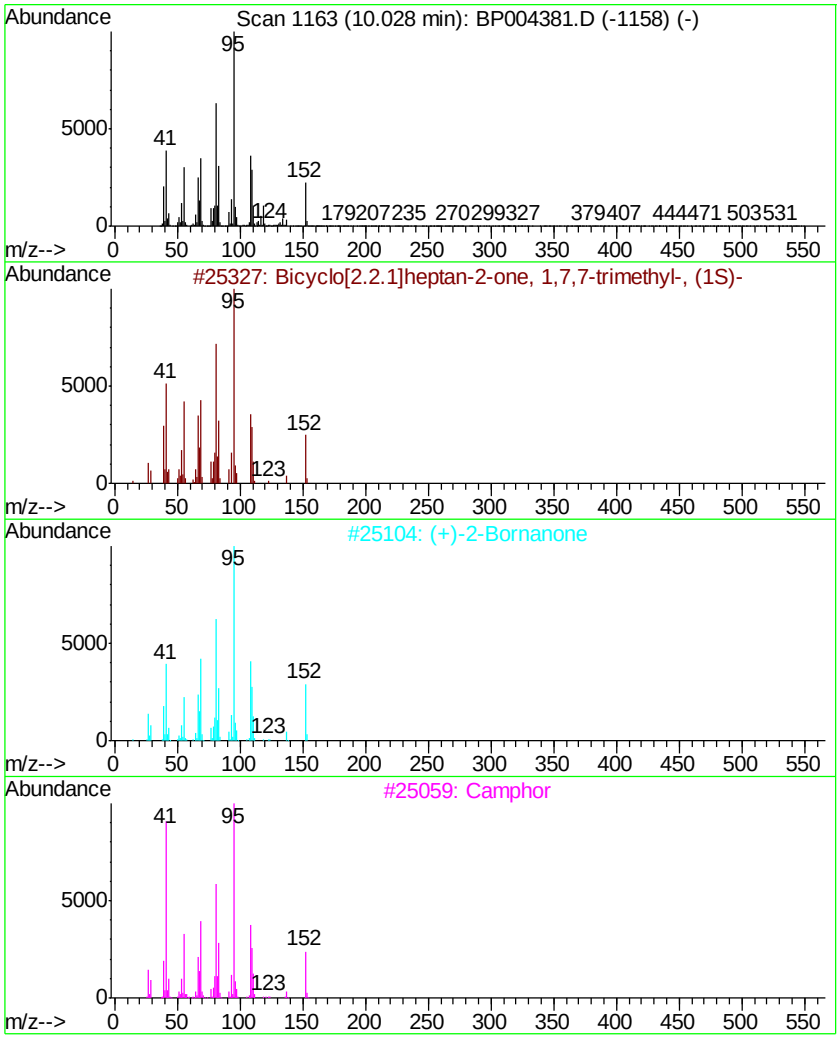
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

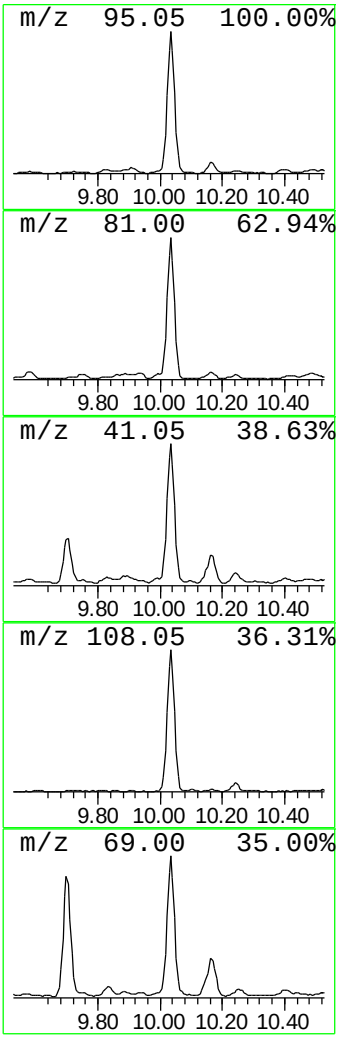
**********

Peak Number 7 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.03 | 14.88 ng/ul | 1821670 | Naphthalene-d8 | 10.62 |

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

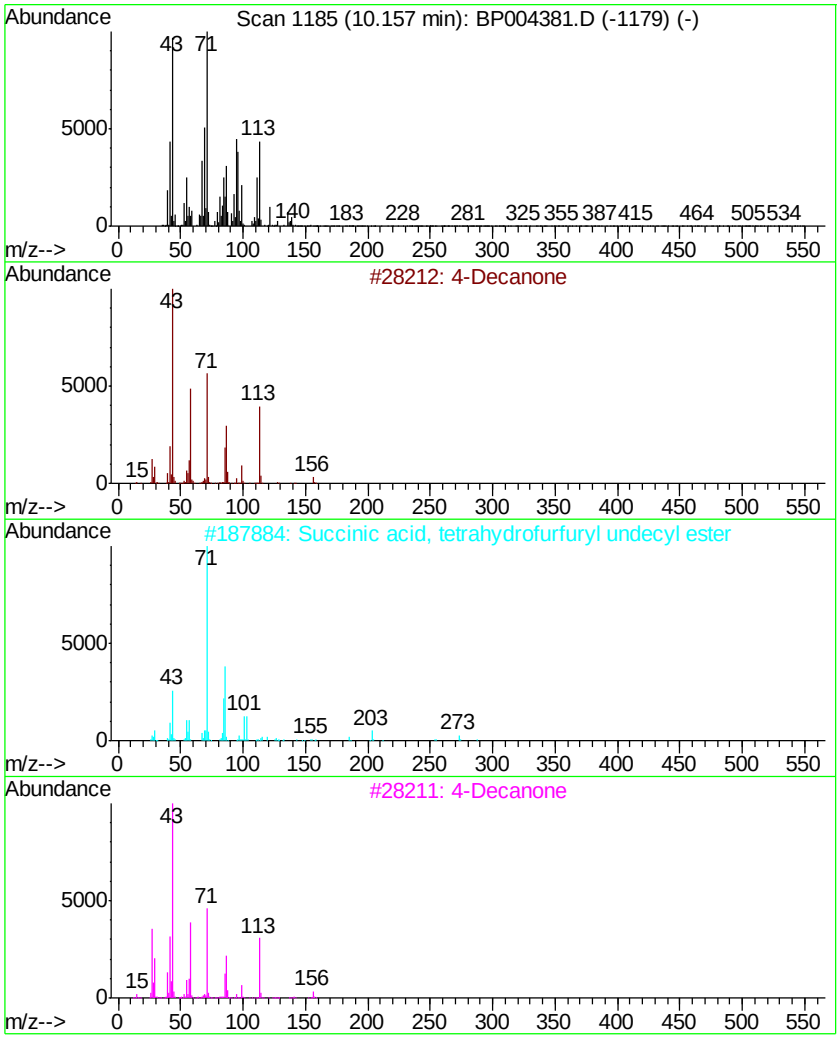
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

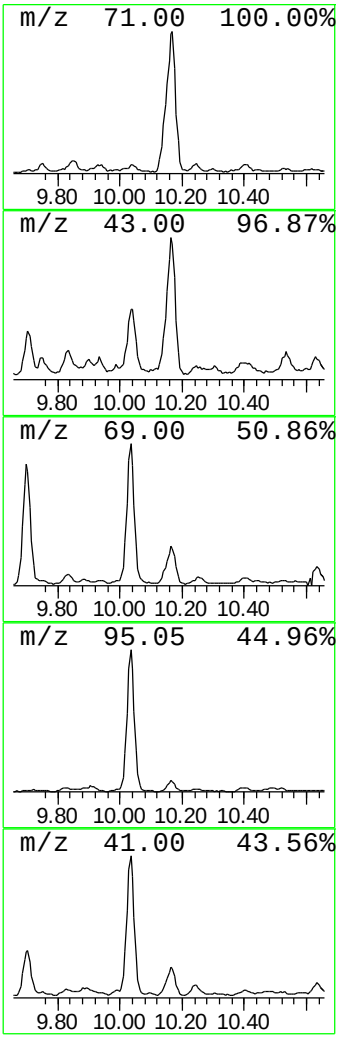
**********

Peak Number 8 unknown-01 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.16 | 4.15 ng/ul | 508504 | Naphthalene-d8 | 10.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Decanone | 156 | C10H20O | 000624-16-8 | 27 |
| 2 | Succinic acid, tetrahydrofurfury... | 356 | C20H36O5 | 1000329-86-9 | 27 |
| 3 | 4-Decanone | 156 | C10H20O | 000624-16-8 | 27 |
| 4 | 4-Decanone | 156 | C10H20O | 000624-16-8 | 27 |
| 5 | Isophytol | 296 | C20H40O | 000505-32-8 | 25 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

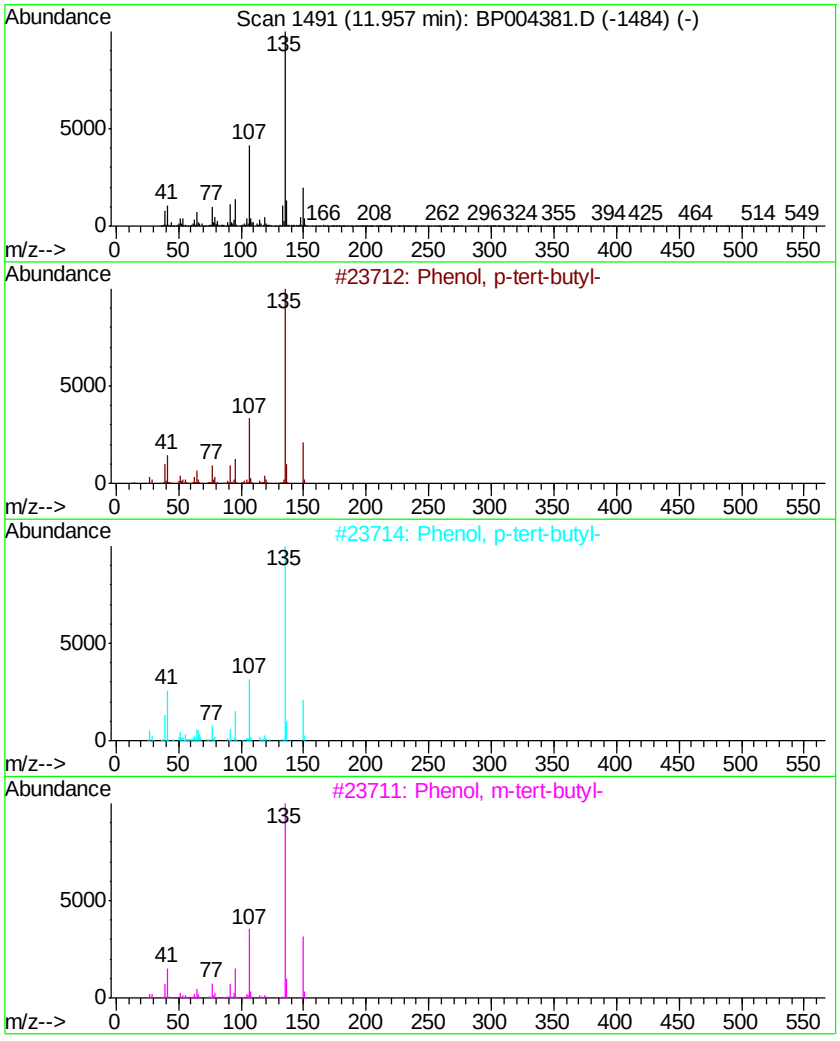
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

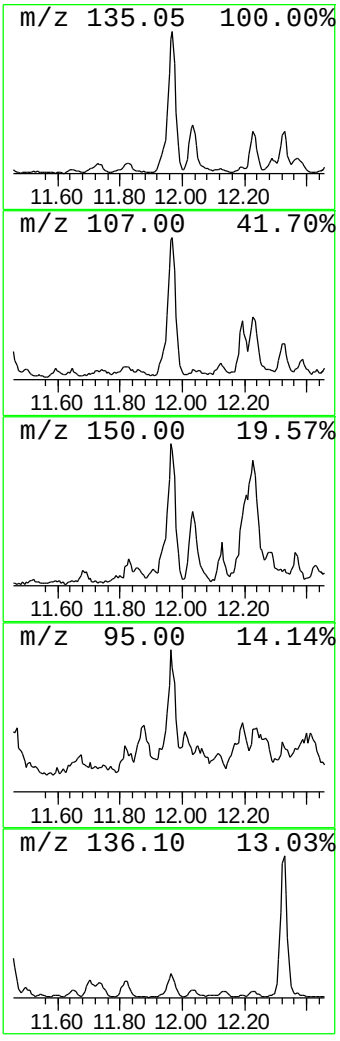
**********

Peak Number 9 Phenol, p-tert-butyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.96 | 2.08 ng/ul | 254365 | Naphthalene-d8 | 10.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 96 |
| 2 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 91 |
| 3 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 91 |
| 4 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 87 |
| 5 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 87 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

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

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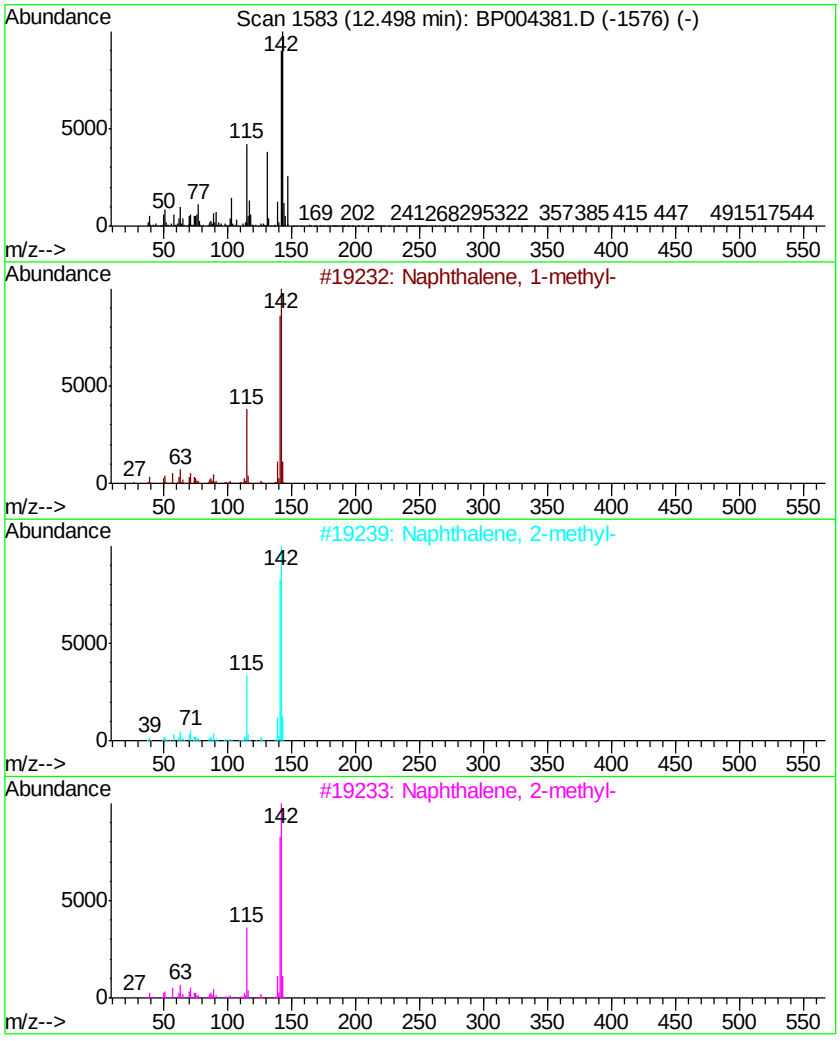
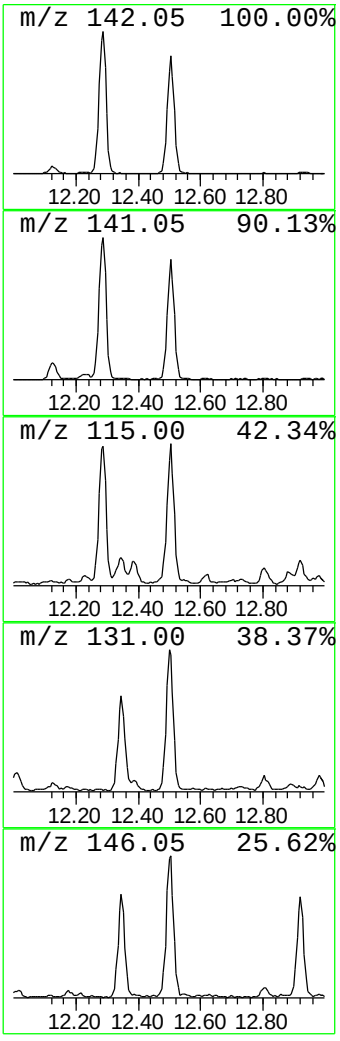
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.50 | 4.50 ng/ul | 550525 | Naphthalene-d8 | 10.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 95 |
| 2 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 94 |
| 3 | Naphthalene, 2-methyl- | 142 | C11H10 | 000091-57-6 | 94 |
| 4 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 94 |
| 5 | Naphthalene, 1-methyl- | 142 | C11H10 | 000090-12-0 | 89 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

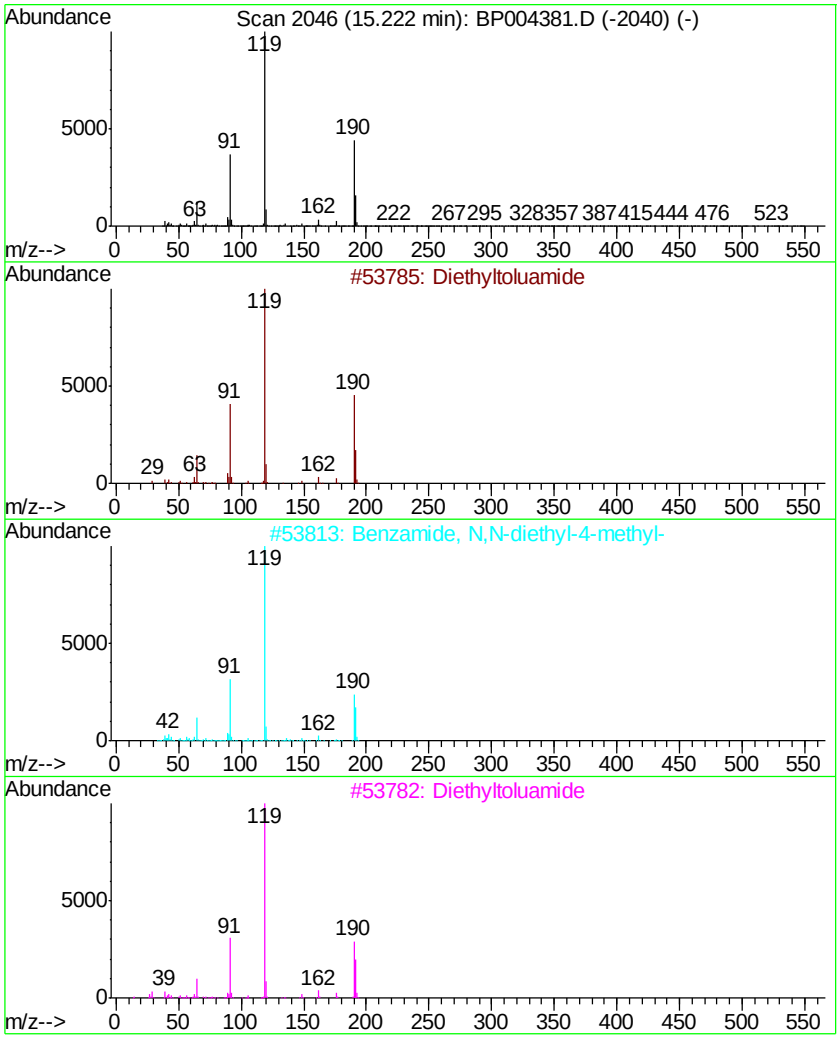
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

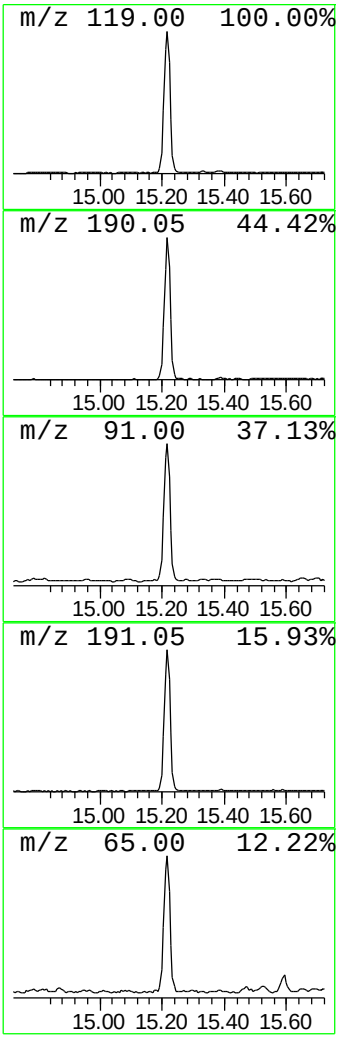
**********

Peak Number 11 Diethyltoluamide Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.22 | 5.85 ng/ul | 962213 | Acenaphthene-d10 | 14.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diethyltoluamide | 191 | C12H17NO | 000134-62-3 | 95 |
| 2 | Benzamide, N,N-diethyl-4-methyl- | 191 | C12H17NO | 002728-05-4 | 93 |
| 3 | Diethyltoluamide | 191 | C12H17NO | 000134-62-3 | 87 |
| 4 | 2,5-Pyrrolidinedione, 1-[(4-meth... | 233 | C12H11NO4 | 083039-57-0 | 64 |
| 5 | Diethyltoluamide | 191 | C12H17NO | 000134-62-3 | 60 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

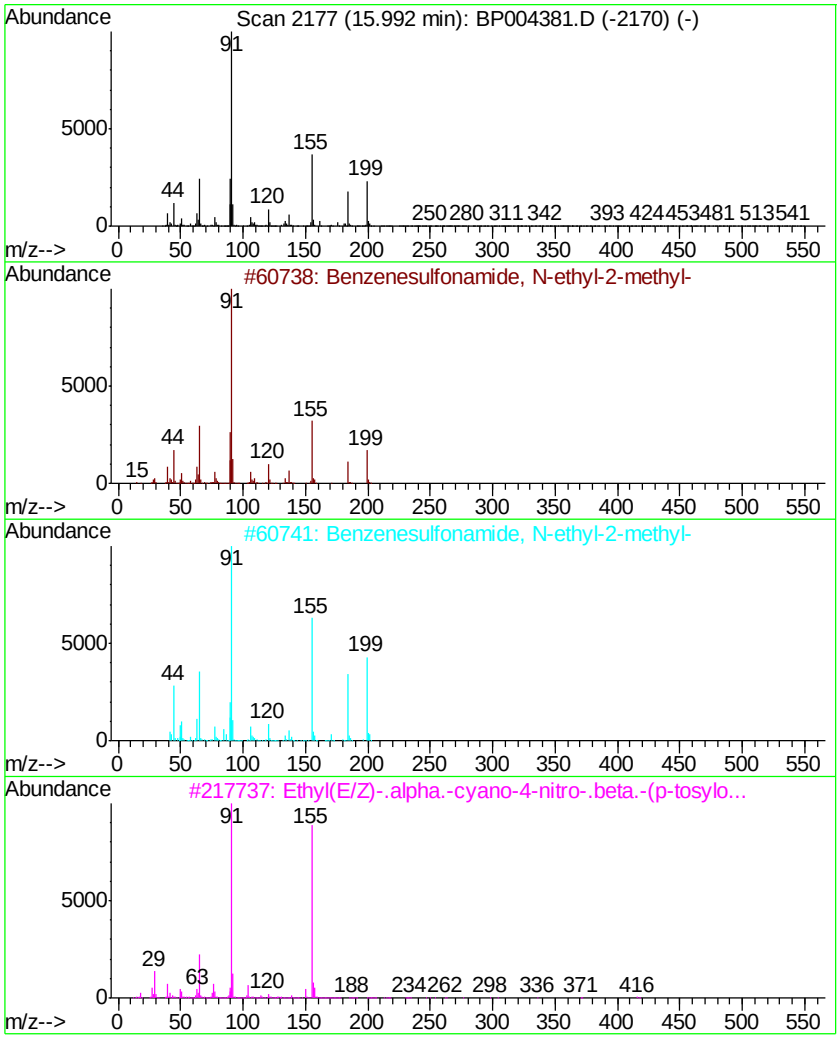
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

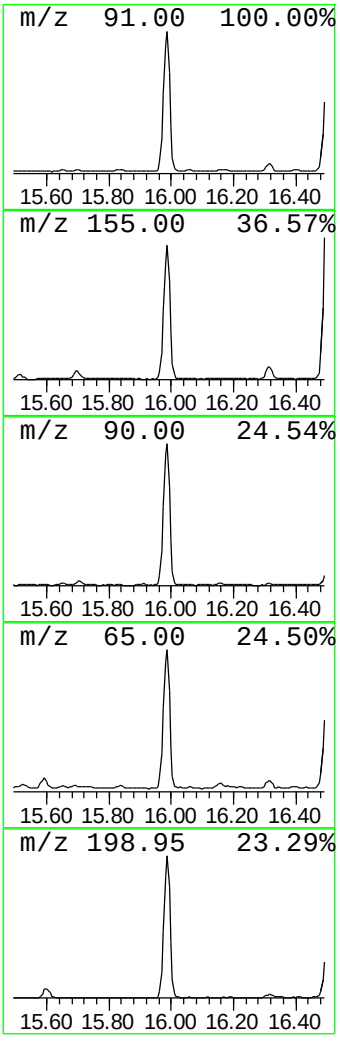
**********

Peak Number 12 Benzenesulfonamide, N-ethyl... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.99 | 6.51 ng/ul | 1264330 | Phenanthrene-d10 | 17.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenesulfonamide, N-ethyl-2-me... | 199 | C9H13NO2S | 001077-56-1 | 96 |
| 2 | Benzenesulfonamide, N-ethyl-2-me... | 199 | C9H13NO2S | 001077-56-1 | 52 |
| 3 | Ethyl(E/Z)-.alpha.-cyano-4-nitro... | 416 | C19H16N2O7S | 1000287-26-8 | 49 |
| 4 | (O-p-Tosylisonitroso)malononitrile | 249 | C10H7N3O3S | 020893-01-0 | 49 |
| 5 | 4-Toluenesulfonylmethyl isocyanide | 195 | C9H9NO2S | 036635-61-7 | 47 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

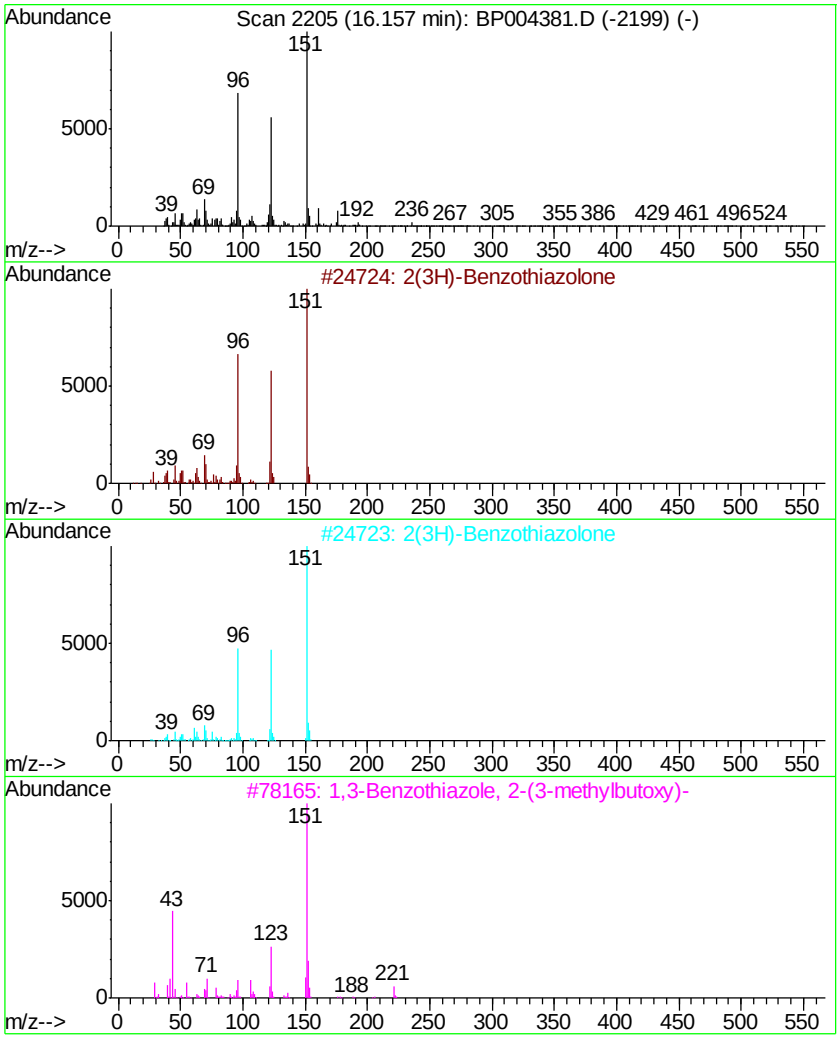
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

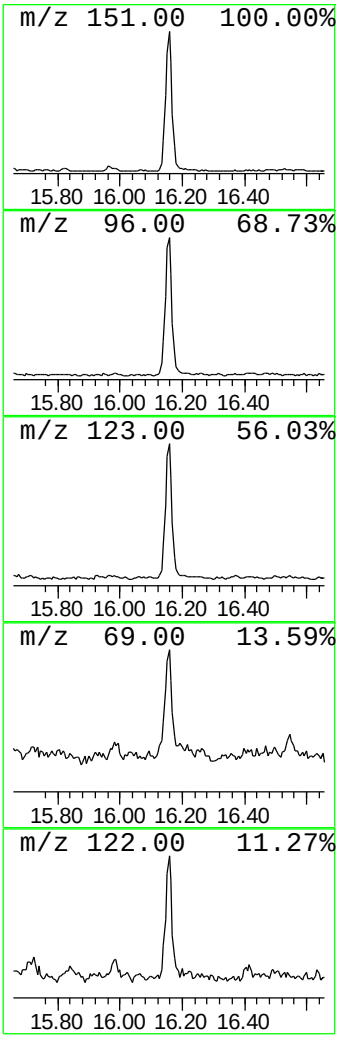
**********

Peak Number 13 2(3H)-Benzothiazolone Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.16 | 2.21 ng/ul | 428775 | Phenanthrene-d10 | 17.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2(3H)-Benzothiazolone | 151 | C7H5NOS | 000934-34-9 | 93 |
| 2 | 2(3H)-Benzothiazolone | 151 | C7H5NOS | 000934-34-9 | 93 |
| 3 | 1,3-Benzothiazole, 2-(3-methylbu... | 221 | C12H15NOS | 1000319-16-3 | 53 |
| 4 | 6-Methyl-7-oxo-4,7-dihydro-triaz... | 151 | C5H5N5O | 057250-39-2 | 50 |
| 5 | Thieno[2,3-b]pyridine-N-oxide | 151 | C7H5NOS | 025557-50-0 | 50 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

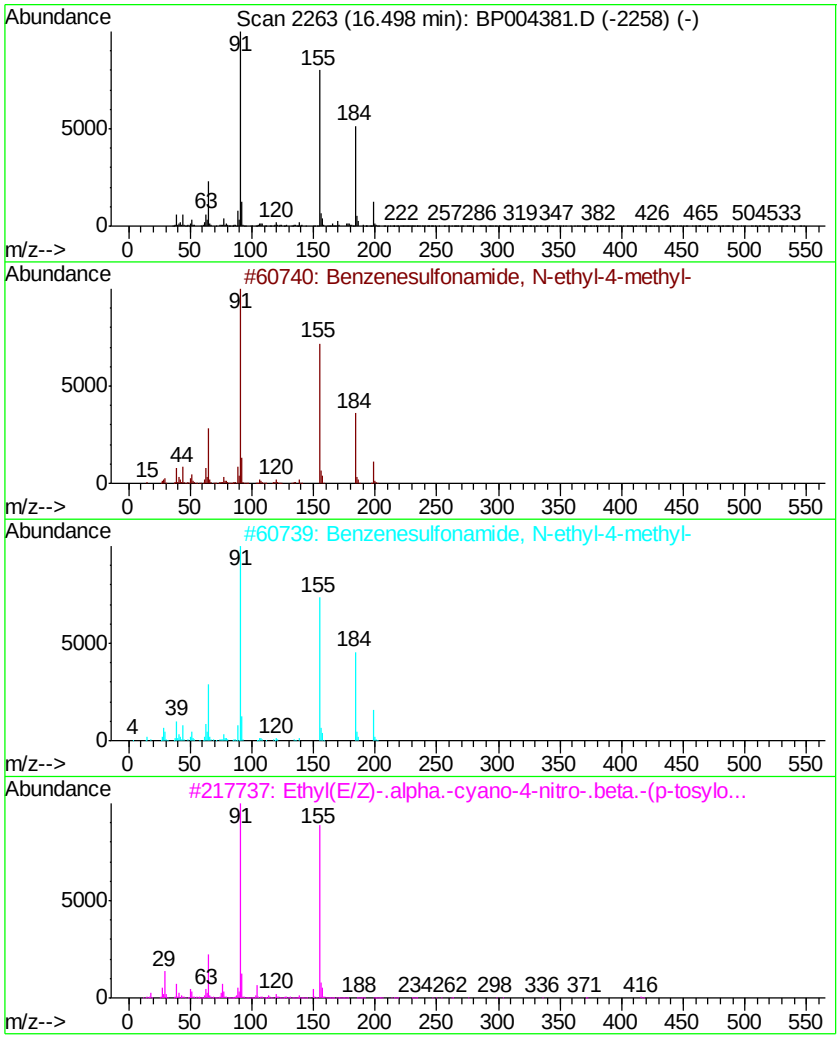
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

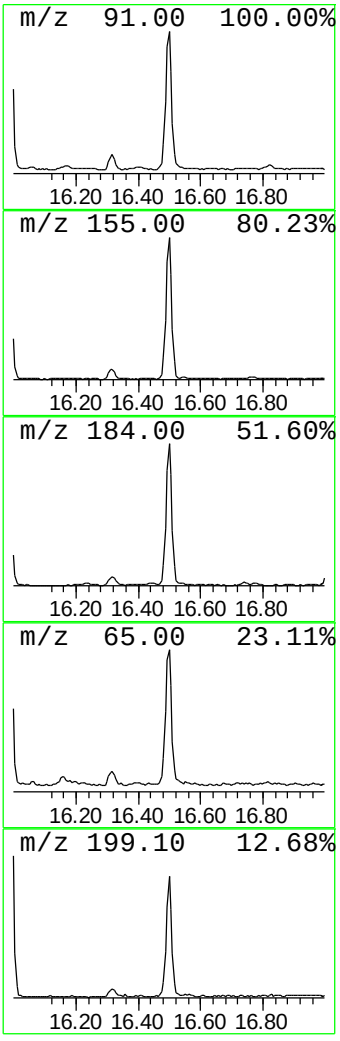
**********

Peak Number 14 Benzenesulfonamide, N-ethyl... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.50 | 3.28 ng/ul | 637918 | Phenanthrene-d10 | 17.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenesulfonamide, N-ethyl-4-me... | 199 | C9H13NO2S | 000080-39-7 | 98 |
| 2 | Benzenesulfonamide, N-ethyl-4-me... | 199 | C9H13NO2S | 000080-39-7 | 97 |
| 3 | Ethyl(E/Z)-.alpha.-cyano-4-nitro... | 416 | C19H16N2O7S | 1000287-26-8 | 86 |
| 4 | 4-Methyl-N-[2-(3-nitro-[1,2,4]tr... | 311 | C11H13N5O4S | 1000301-03-5 | 78 |
| 5 | Furazan-3-carboxylic acid, 4-ami... | 325 | C12H15N5O4S | 1000304-69-4 | 78 |



# Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121820\
Data File : BP004381.D
Acq On : 19 Dec 2020 05:18
Operator : CG/JU
Sample : L5128-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8E2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.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 |
| o-Cymene | 7.96 | 8.8 | ng/ul | 705136 | 1 | 7.82 | 1607710 | 20.0 |
| Indane | 8.20 | 3.5 | ng/ul | 279478 | 1 | 7.82 | 1607710 | 20.0 |
| 2-Cyclopenten-1-o... | 8.47 | 3.4 | ng/ul | 269222 | 1 | 7.82 | 1607710 | 20.0 |
| Benzenamine, 3-me... | 8.80 | 2.5 | ng/ul | 201714 | 1 | 7.82 | 1607710 | 20.0 |
| Benzene, 1-ethyl-... | 8.93 | 2.3 | ng/ul | 185446 | 1 | 7.82 | 1607710 | 20.0 |
| L-Fenchone | 9.06 | 10.8 | ng/ul | 865548 | 1 | 7.82 | 1607710 | 20.0 |
| Bicyclo[2.2.1]hep... | 10.03 | 14.9 | ng/ul | 1821670 | 2 | 10.62 | 2449180 | 20.0 |
| unknown-01 | 10.16 | 4.2 | ng/ul | 508504 | 2 | 10.62 | 2449180 | 20.0 |
| Phenol, p-tert-bu... | 11.96 | 2.1 | ng/ul | 254365 | 2 | 10.62 | 2449180 | 20.0 |
| Naphthalene, 1-me... | 12.50 | 4.5 | ng/ul | 550525 | 2 | 10.62 | 2449180 | 20.0 |
| Diethyltoluamide | 15.22 | 5.8 | ng/ul | 962213 | 3 | 14.47 | 3289740 | 20.0 |
| Benzenesulfonamid... | 15.99 | 6.5 | ng/ul | 1264330 | 4 | 17.23 | 3886220 | 20.0 |
| 2(3H)-Benzothiazo... | 16.16 | 2.2 | ng/ul | 428775 | 4 | 17.23 | 3886220 | 20.0 |
| Benzenesulfonamid... | 16.50 | 3.3 | ng/ul | 637918 | 4 | 17.23 | 3886220 | 20.0 |