LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004392.D
Acq On : 19 Dec 2020 13:56
Operator : CG/JU
Sample : L5128-09DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8D2DL

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 | 3.346 | 24 | 27 | 37 | rVB | 267535 | 374867 | 9.44% | 0.797% |
| 2 | 4.117 | 155 | 158 | 162 | rVB | 64109 | 72599 | 1.83% | 0.154% |
| 3 | 4.475 | 215 | 219 | 228 | rVB | 88078 | 146476 | 3.69% | 0.312% |
| 4 | 6.993 | 639 | 647 | 659 | rVB3 | 71719 | 210423 | 5.30% | 0.448% |
| 5 | 7.158 | 669 | 675 | 682 | rBV | 165527 | 278629 | 7.01% | 0.593% |
| 6 | 7.357 | 700 | 709 | 716 | rVB | 206515 | 359012 | 9.04% | 0.764% |
| 7 | 7.422 | 716 | 720 | 726 | rBV4 | 19478 | 31131 | 0.78% | 0.066% |
| 8 | 7.822 | 779 | 788 | 795 | rBV | 821957 | 1341519 | 33.77% | 2.853% |
| 9 | 7.893 | 795 | 800 | 805 | rVV4 | 27934 | 56481 | 1.42% | 0.120% |
| 10 | 7.957 | 807 | 811 | 818 | rVB2 | 29421 | 54868 | 1.38% | 0.117% |
| 11 | 8.193 | 847 | 851 | 859 | rVB3 | 14048 | 29431 | 0.74% | 0.063% |
| 12 | 8.528 | 902 | 908 | 916 | rVV | 199069 | 331164 | 8.34% | 0.704% |
| 13 | 8.604 | 919 | 921 | 932 | rVB7 | 15658 | 38942 | 0.98% | 0.083% |
| 14 | 8.716 | 937 | 940 | 948 | rVV7 | 12194 | 22770 | 0.57% | 0.048% |
| 15 | 8.804 | 948 | 955 | 969 | rVV | 1300789 | 2199549 | 55.36% | 4.678% |
| 16 | 8.922 | 970 | 975 | 979 | rVV2 | 45538 | 81610 | 2.05% | 0.174% |
| 17 | 8.975 | 979 | 984 | 992 | rVV | 214028 | 396238 | 9.97% | 0.843% |
| 18 | 9.063 | 992 | 999 | 1011 | rVV | 330465 | 563600 | 14.19% | 1.199% |
| 19 | 9.181 | 1011 | 1019 | 1025 | rVB8 | 19174 | 47722 | 1.20% | 0.101% |
| 20 | 9.334 | 1038 | 1045 | 1051 | rBV6 | 33458 | 63145 | 1.59% | 0.134% |
| 21 | 9.434 | 1051 | 1062 | 1072 | rVB2 | 75346 | 167508 | 4.22% | 0.356% |
| 22 | 9.522 | 1072 | 1077 | 1081 | rBV7 | 14463 | 26529 | 0.67% | 0.056% |
| 23 | 9.628 | 1089 | 1095 | 1101 | rVB10 | 12109 | 32772 | 0.82% | 0.070% |
| 24 | 9.699 | 1101 | 1107 | 1113 | rBV | 182585 | 323665 | 8.15% | 0.688% |
| 25 | 9.834 | 1121 | 1130 | 1133 | rBV9 | 25272 | 51907 | 1.31% | 0.110% |
| 26 | 9.881 | 1134 | 1138 | 1144 | rVV | 41113 | 71123 | 1.79% | 0.151% |
| 27 | 10.034 | 1157 | 1164 | 1172 | rVB | 639086 | 1082345 | 27.24% | 2.302% |
| 28 | 10.163 | 1179 | 1186 | 1193 | rVB3 | 103009 | 203544 | 5.12% | 0.433% |
| 29 | 10.240 | 1193 | 1199 | 1216 | rVB | 347733 | 716972 | 18.05% | 1.525% |
| 30 | 10.393 | 1219 | 1225 | 1230 | rBV8 | 22964 | 55290 | 1.39% | 0.118% |
| 31 | 10.534 | 1239 | 1249 | 1256 | rVB5 | 22378 | 45521 | 1.15% | 0.097% |
| 32 | 10.616 | 1256 | 1263 | 1270 | rBV | 1177270 | 1982236 | 49.89% | 4.216% |
| 33 | 10.710 | 1273 | 1279 | 1285 | rBV | 1830464 | 3053124 | 76.85% | 6.493% |
| 34 | 10.875 | 1299 | 1307 | 1316 | rBV | 27806 | 76571 | 1.93% | 0.163% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004392.D
Acq On : 19 Dec 2020 13:56
Operator : CG/JU
Sample : L5128-09DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8D2DL

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 | 11.046 | 1328 | 1336 | 1342 | rBV7 | 20753 | 46262 | 1.16% | 0.098% |
| 36 | 11.204 | 1353 | 1363 | 1364 | rBV9 | 19184 | 50195 | 1.26% | 0.107% |
| 37 | 11.287 | 1372 | 1377 | 1388 | rVB6 | 19126 | 53258 | 1.34% | 0.113% |
| 38 | 11.434 | 1395 | 1402 | 1403 | rVV5 | 27959 | 50882 | 1.28% | 0.108% |
| 39 | 11.463 | 1405 | 1407 | 1413 | rVV4 | 38733 | 59525 | 1.50% | 0.127% |
| 40 | 11.528 | 1415 | 1418 | 1422 | rVV6 | 13522 | 25232 | 0.64% | 0.054% |
| 41 | 11.587 | 1424 | 1428 | 1435 | rVV6 | 30614 | 61913 | 1.56% | 0.132% |
| 42 | 11.651 | 1435 | 1439 | 1444 | rVV5 | 15626 | 25254 | 0.64% | 0.054% |
| 43 | 11.822 | 1464 | 1468 | 1475 | rVB2 | 31023 | 57635 | 1.45% | 0.123% |
| 44 | 11.963 | 1484 | 1492 | 1505 | rVB2 | 109142 | 228104 | 5.74% | 0.485% |
| 45 | 12.069 | 1505 | 1510 | 1513 | rBV3 | 13644 | 23908 | 0.60% | 0.051% |
| 46 | 12.140 | 1513 | 1522 | 1532 | rVV2 | 507663 | 1226307 | 30.87% | 2.608% |
| 47 | 12.228 | 1532 | 1537 | 1550 | rVV2 | 68042 | 169019 | 4.25% | 0.359% |
| 48 | 12.340 | 1550 | 1556 | 1568 | rVB2 | 27218 | 71286 | 1.79% | 0.152% |
| 49 | 12.504 | 1579 | 1584 | 1588 | rBV8 | 16855 | 30995 | 0.78% | 0.066% |
| 50 | 12.616 | 1598 | 1603 | 1609 | rVV2 | 42275 | 76912 | 1.94% | 0.164% |
| 51 | 12.722 | 1615 | 1621 | 1624 | rVB3 | 20527 | 34112 | 0.86% | 0.073% |
| 52 | 12.834 | 1634 | 1640 | 1646 | rVB3 | 15297 | 34291 | 0.86% | 0.073% |
| 53 | 13.057 | 1676 | 1678 | 1685 | rVB8 | 13943 | 27271 | 0.69% | 0.058% |
| 54 | 13.181 | 1694 | 1699 | 1707 | rBV10 | 21728 | 52134 | 1.31% | 0.111% |
| 55 | 13.269 | 1709 | 1714 | 1717 | rBV5 | 19753 | 34591 | 0.87% | 0.074% |
| 56 | 13.328 | 1717 | 1724 | 1728 | rVV | 886337 | 1386611 | 34.90% | 2.949% |
| 57 | 13.369 | 1728 | 1731 | 1749 | rVB2 | 644905 | 1061497 | 26.72% | 2.258% |
| 58 | 13.504 | 1750 | 1754 | 1760 | rBV3 | 25809 | 56436 | 1.42% | 0.120% |
| 59 | 13.563 | 1760 | 1764 | 1768 | rVB | 22310 | 33835 | 0.85% | 0.072% |
| 60 | 13.704 | 1783 | 1788 | 1797 | rVB9 | 20622 | 47625 | 1.20% | 0.101% |
| 61 | 13.875 | 1812 | 1817 | 1822 | rBV | 639255 | 893206 | 22.48% | 1.900% |
| 62 | 13.922 | 1822 | 1825 | 1831 | rVB | 165030 | 206263 | 5.19% | 0.439% |
| 63 | 14.028 | 1837 | 1843 | 1847 | rBV8 | 32427 | 70486 | 1.77% | 0.150% |
| 64 | 14.063 | 1847 | 1849 | 1856 | rVB7 | 19087 | 32704 | 0.82% | 0.070% |
| 65 | 14.163 | 1856 | 1866 | 1880 | rBV | 717240 | 1187248 | 29.88% | 2.525% |
| 66 | 14.275 | 1881 | 1885 | 1891 | rBV2 | 39862 | 67731 | 1.70% | 0.144% |
| 67 | 14.392 | 1900 | 1905 | 1910 | rVB2 | 93990 | 132174 | 3.33% | 0.281% |
| 68 | 14.469 | 1912 | 1918 | 1925 | rVB2 | 1836723 | 2762364 | 69.53% | 5.875% |
| 69 | 14.681 | 1949 | 1954 | 1959 | rBV | 46750 | 77314 | 1.95% | 0.164% |
| 70 | 15.069 | 2017 | 2020 | 2026 | rVB7 | 17383 | 26155 | 0.66% | 0.056% |
| 71 | 15.216 | 2041 | 2045 | 2050 | rBV | 49296 | 85886 | 2.16% | 0.183% |

LSC Area Percent Report

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Acq On : 19 Dec 2020 13:56
Operator : CG/JU
Sample : L5128-09DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8D2DL

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 | 15.469 | 2082 | 2088 | 2093 | rVB | 885860 | 1295945 | 32.62% | 2.756% |
| 73 | 15.528 | 2096 | 2098 | 2103 | rVB6 | 18291 | 25672 | 0.65% | 0.055% |
| 74 | 15.604 | 2103 | 2111 | 2124 | rBV3 | 334396 | 680094 | 17.12% | 1.446% |
| 75 | 15.722 | 2128 | 2131 | 2144 | rVB9 | 49154 | 118060 | 2.97% | 0.251% |
| 76 | 15.928 | 2163 | 2166 | 2170 | rVV4 | 19112 | 21283 | 0.54% | 0.045% |
| 77 | 15.981 | 2170 | 2175 | 2186 | rVB | 700349 | 1001999 | 25.22% | 2.131% |
| 78 | 16.151 | 2197 | 2204 | 2210 | rBV2 | 159859 | 271853 | 6.84% | 0.578% |
| 79 | 16.198 | 2210 | 2212 | 2218 | rVB6 | 21003 | 27079 | 0.68% | 0.058% |
| 80 | 16.316 | 2228 | 2232 | 2236 | rVB | 37203 | 49642 | 1.25% | 0.106% |
| 81 | 16.369 | 2237 | 2241 | 2248 | rVB5 | 22339 | 40643 | 1.02% | 0.086% |
| 82 | 16.492 | 2256 | 2262 | 2268 | rBV | 440808 | 630043 | 15.86% | 1.340% |
| 83 | 16.763 | 2305 | 2308 | 2313 | rBV2 | 40777 | 49660 | 1.25% | 0.106% |
| 84 | 17.028 | 2346 | 2353 | 2360 | rBV4 | 34666 | 77568 | 1.95% | 0.165% |
| 85 | 17.228 | 2381 | 2387 | 2397 | rVB | 2239036 | 3352304 | 84.38% | 7.130% |
| 86 | 17.328 | 2398 | 2404 | 2414 | rBV | 1008193 | 1479849 | 37.25% | 3.147% |
| 87 | 17.545 | 2437 | 2441 | 2447 | rVB | 45921 | 65812 | 1.66% | 0.140% |
| 88 | 18.122 | 2537 | 2539 | 2545 | rBV6 | 15833 | 22125 | 0.56% | 0.047% |
| 89 | 18.410 | 2584 | 2588 | 2591 | rBV4 | 42139 | 60895 | 1.53% | 0.130% |
| 90 | 18.816 | 2655 | 2657 | 2661 | rBV3 | 19952 | 26000 | 0.65% | 0.055% |
| 91 | 18.869 | 2663 | 2666 | 2671 | rVB | 105622 | 133369 | 3.36% | 0.284% |
| 92 | 18.957 | 2677 | 2681 | 2690 | rBV | 110594 | 174039 | 4.38% | 0.370% |
| 93 | 19.263 | 2729 | 2733 | 2737 | rBV | 158188 | 175862 | 4.43% | 0.374% |
| 94 | 19.569 | 2780 | 2785 | 2790 | rBV | 1377908 | 1873573 | 47.16% | 3.985% |
| 95 | 19.616 | 2790 | 2793 | 2800 | rVB | 139481 | 197496 | 4.97% | 0.420% |
| 96 | 21.033 | 3031 | 3034 | 3041 | rBV2 | 137049 | 249182 | 6.27% | 0.530% |
| 97 | 21.098 | 3043 | 3045 | 3052 | rVB | 114160 | 146855 | 3.70% | 0.312% |
| 98 | 21.321 | 3078 | 3083 | 3091 | rBV | 3155827 | 3895407 | 98.05% | 8.285% |
| 99 | 23.521 | 3451 | 3457 | 3464 | rBV | 836373 | 1748220 | 44.00% | 3.718% |
| 100 | 23.680 | 3476 | 3484 | 3493 | rVB | 1909314 | 3972827 | 100.00% | 8.449% |

Sum of corrected areas: 47019260

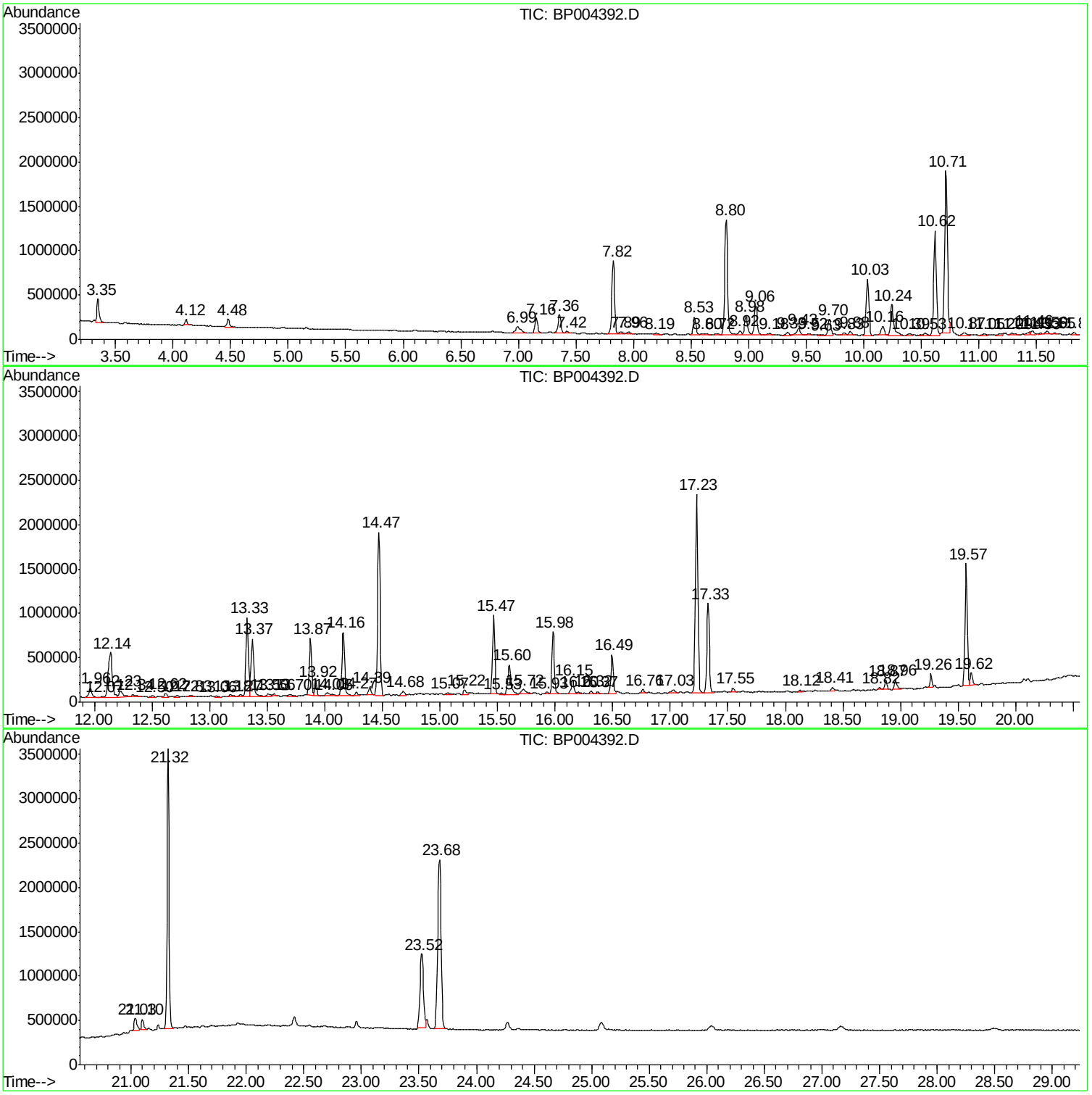
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004392.D
Acq On : 19 Dec 2020 13:56
Operator : CG/JU
Sample : L5128-09DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8D2DL

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004392.D
Acq On : 19 Dec 2020 13:56
Operator : CG/JU
Sample : L5128-09DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8D2DL

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

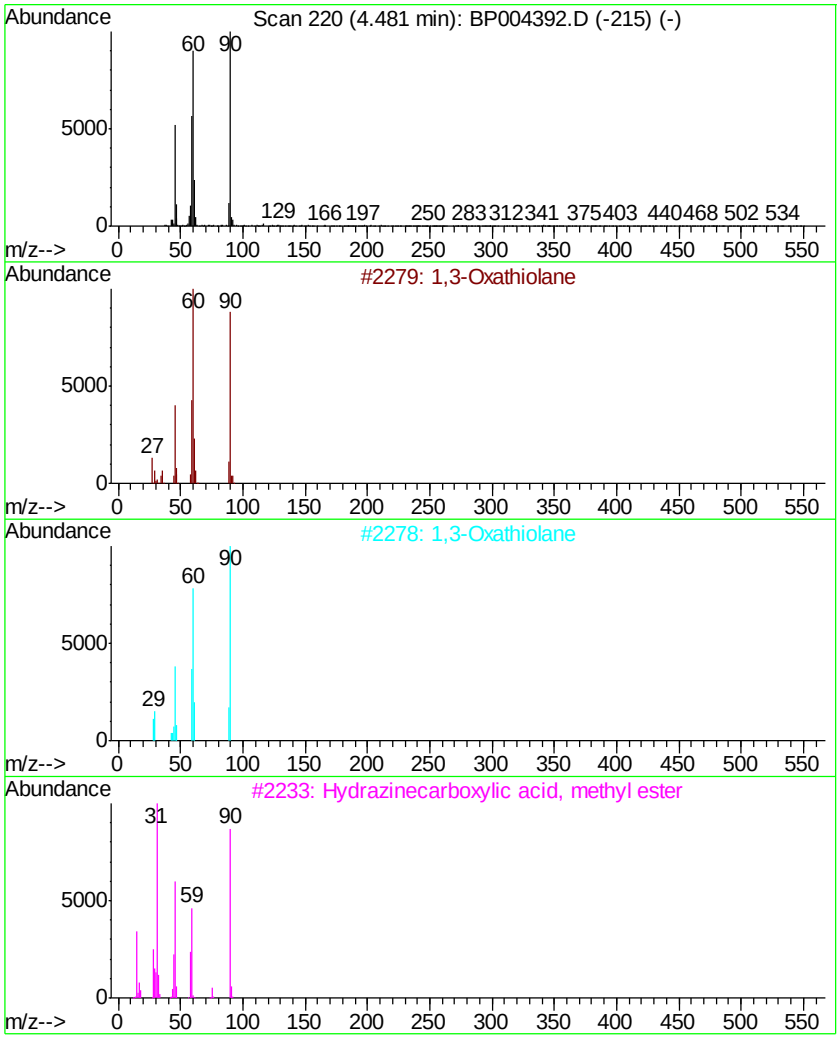
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

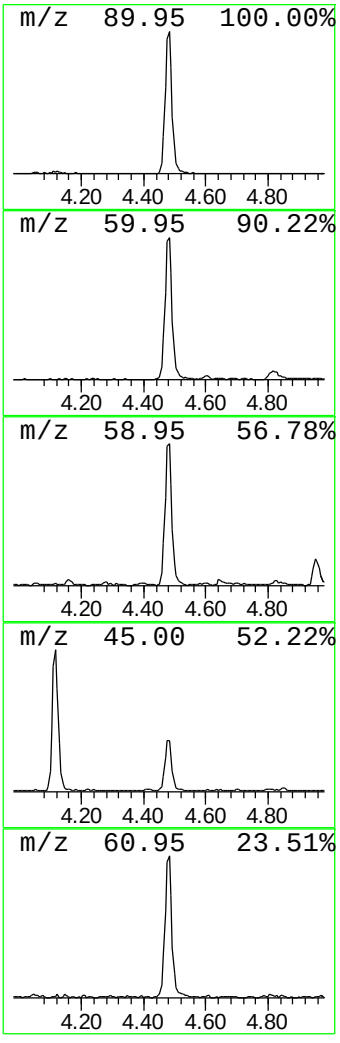
**********

Peak Number 1 1,3-Oxathiolane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.48 | 2.18 ng/ul | 146476 | 1,4-Dichlorobenzene-d4 | 7.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3-Oxathiolane | 90 | C3H6OS | 002094-97-5 | 90 |
| 2 | 1,3-Oxathiolane | 90 | C3H6OS | 002094-97-5 | 87 |
| 3 | Hydrazinecarboxylic acid, methyl... | 90 | C2H6N2O2 | 006294-89-9 | 59 |
| 4 | Thiourea, methyl- | 90 | C2H6N2S | 000598-52-7 | 50 |
| 5 | 3-Thietanol | 90 | C3H6OS | 010304-16-2 | 42 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004392.D
Acq On : 19 Dec 2020 13:56
Operator : CG/JU
Sample : L5128-09DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8D2DL

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

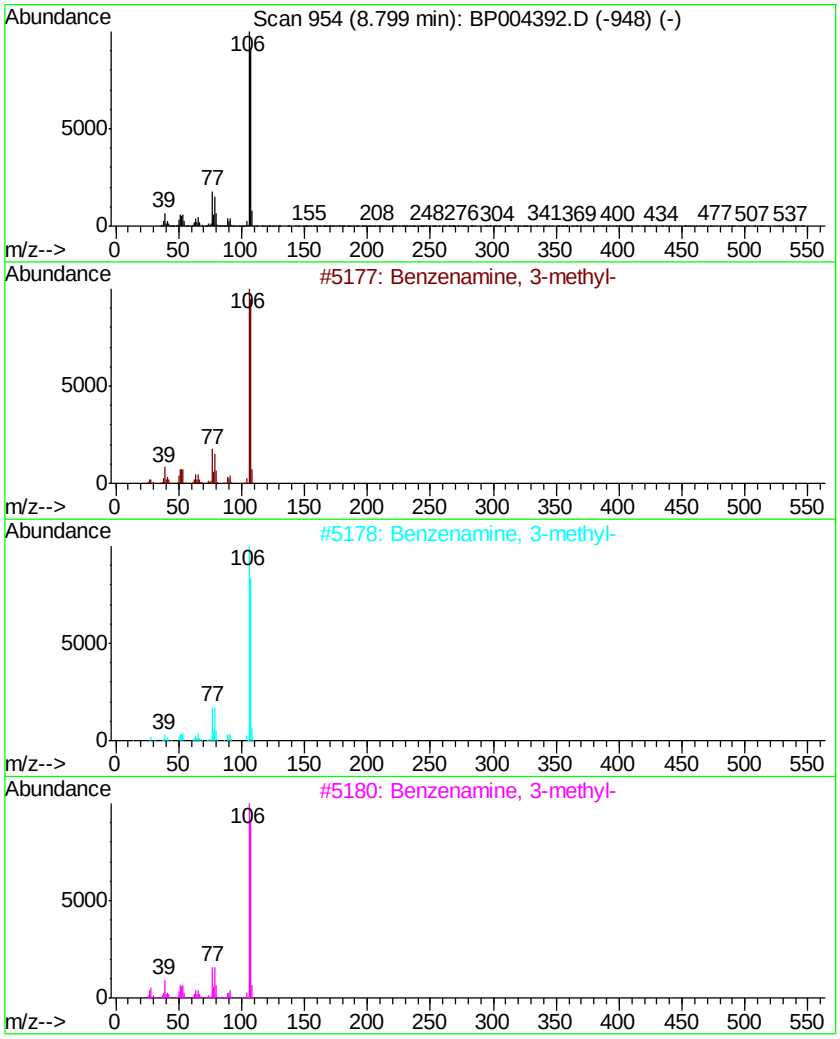
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

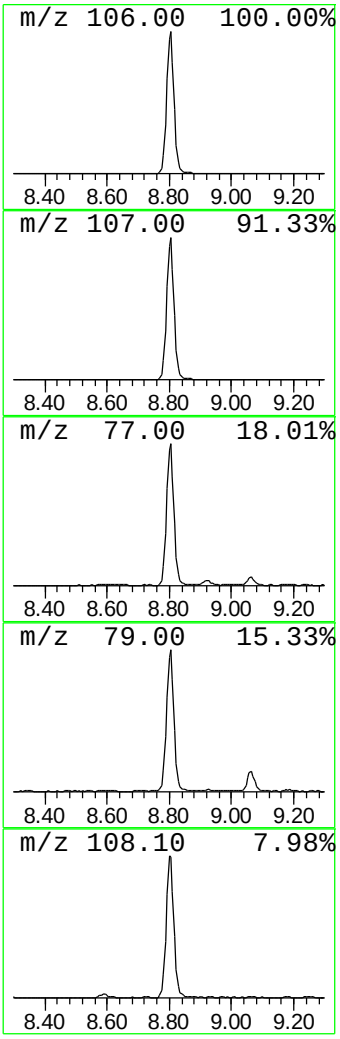
**********

Peak Number 2 Benzenamine, 3-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.80 | 32.79 ng/ul | 2199550 | 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 | Benzenamine, 3-methyl- | 107 | C7H9N | 000108-44-1 | 94 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004392.D
Acq On : 19 Dec 2020 13:56
Operator : CG/JU
Sample : L5128-09DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8D2DL

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

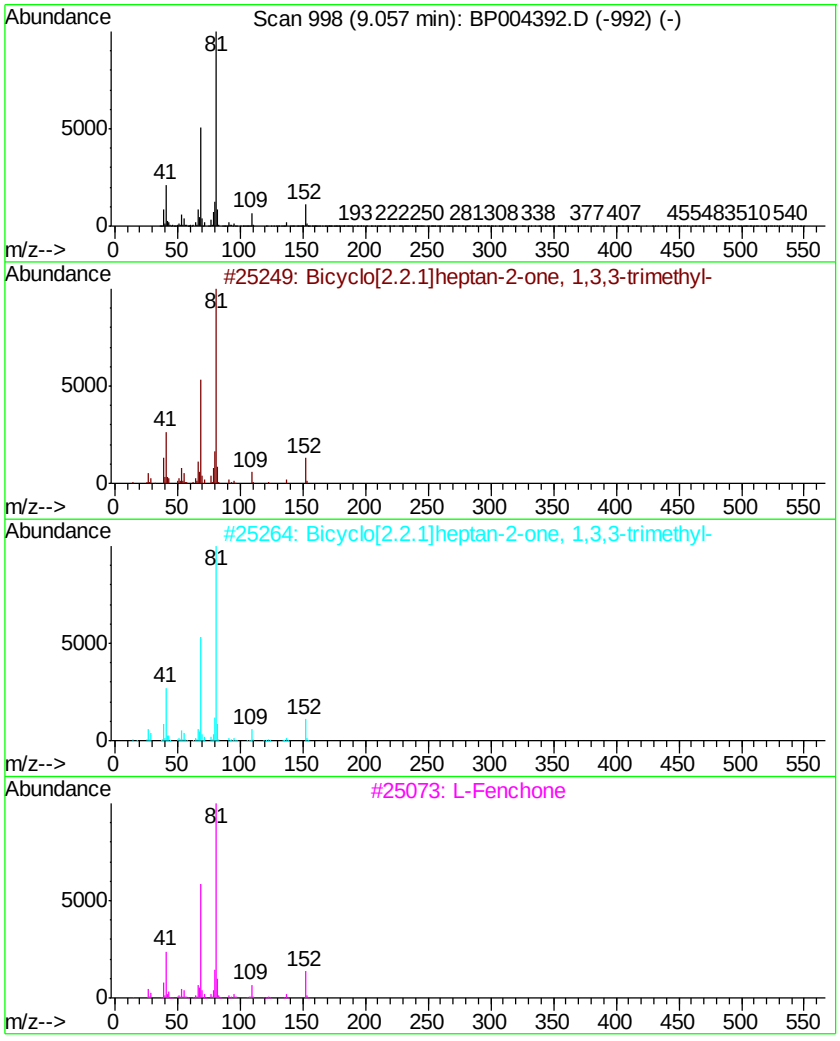
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

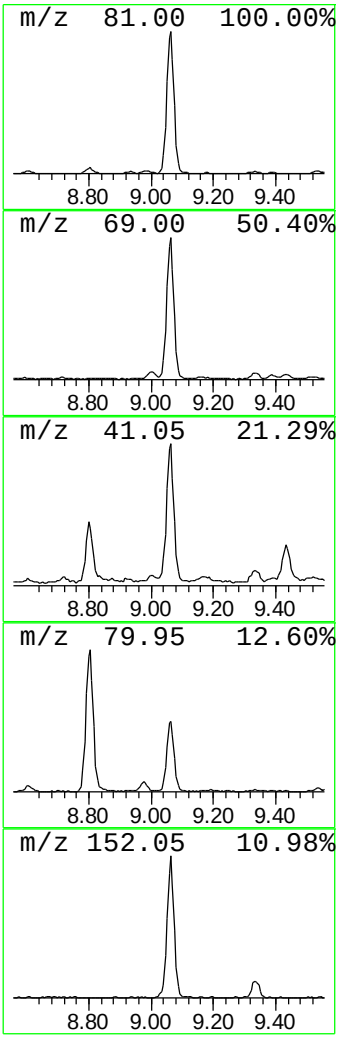
**********

Peak Number 3 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.06 | 8.40 ng/ul | 563600 | 1,4-Dichlorobenzene-d4 | 7.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[2.2.1]heptan-2-one, 1,3,... | 152 | C10H16O | 001195-79-5 | 95 |
| 2 | Bicyclo[2.2.1]heptan-2-one, 1,3,... | 152 | C10H16O | 001195-79-5 | 95 |
| 3 | L-Fenchone | 152 | C10H16O | 007787-20-4 | 94 |
| 4 | L-Fenchone | 152 | C10H16O | 007787-20-4 | 94 |
| 5 | Bicyclo[2.2.1]heptan-2-one, 1,3,... | 152 | C10H16O | 001195-79-5 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004392.D
Acq On : 19 Dec 2020 13:56
Operator : CG/JU
Sample : L5128-09DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8D2DL

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

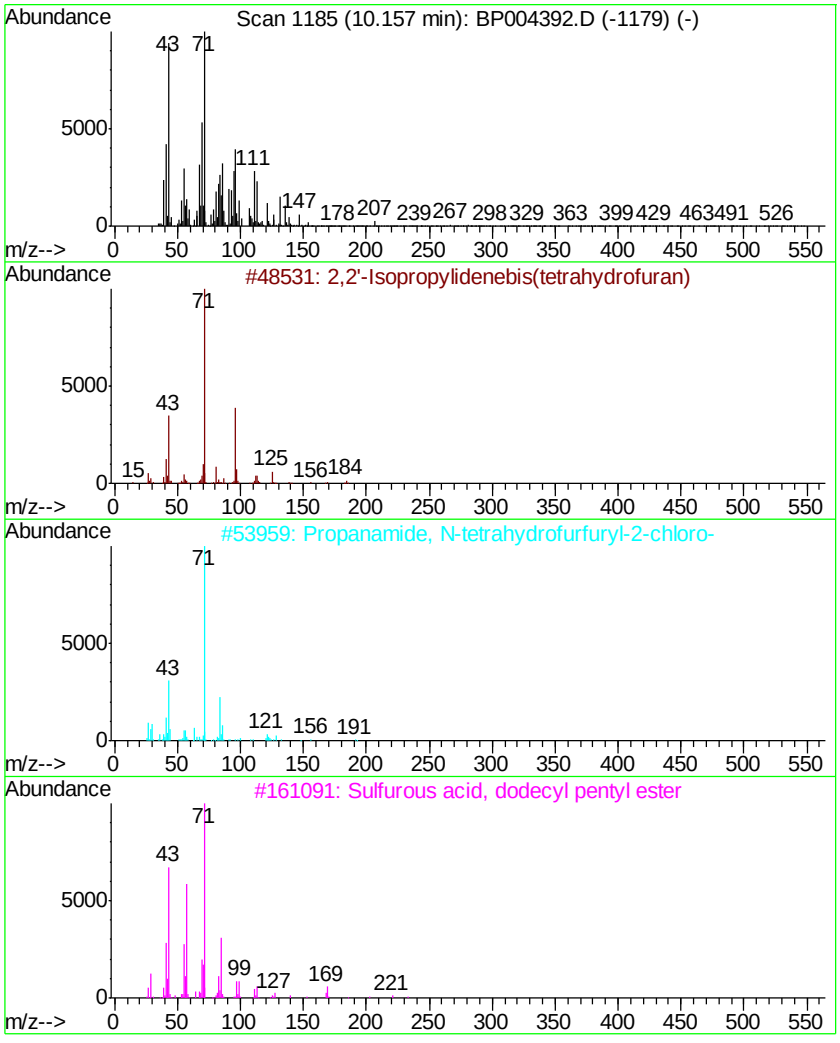
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

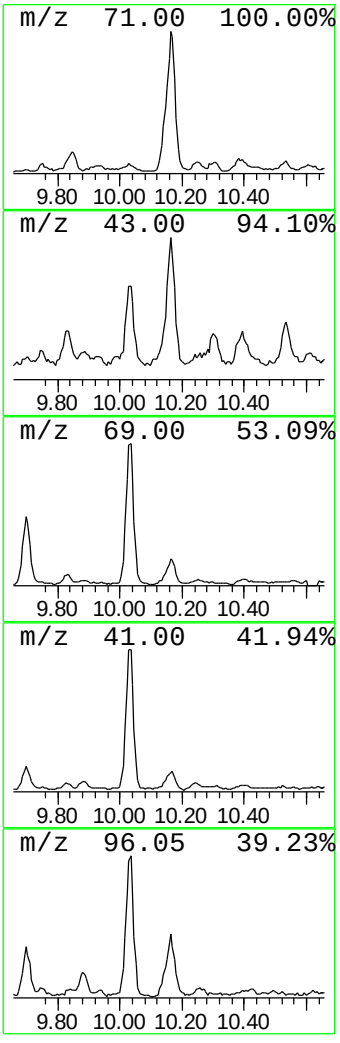
**********

Peak Number 4 unknown-01 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.16 | 2.05 ng/ul | 203544 | Naphthalene-d8 | 10.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,2'-Isopropylidenebis(tetrahydr... | 184 | C11H20O2 | 089686-69-1 | 35 |
| 2 | Propanamide, N-tetrahydrofurfury... | 191 | C8H14ClNO2 | 1000307-48-2 | 35 |
| 3 | Sulfurous acid, dodecyl pentyl e... | 320 | C17H36O3S | 1000309-14-5 | 35 |
| 4 | Diethylmalonic acid, heptyl tetr... | 342 | C19H34O5 | 1000370-64-2 | 35 |
| 5 | Succinic acid, decyl tetrahydrof... | 342 | C19H34O5 | 1000329-86-8 | 35 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004392.D
Acq On : 19 Dec 2020 13:56
Operator : CG/JU
Sample : L5128-09DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8D2DL

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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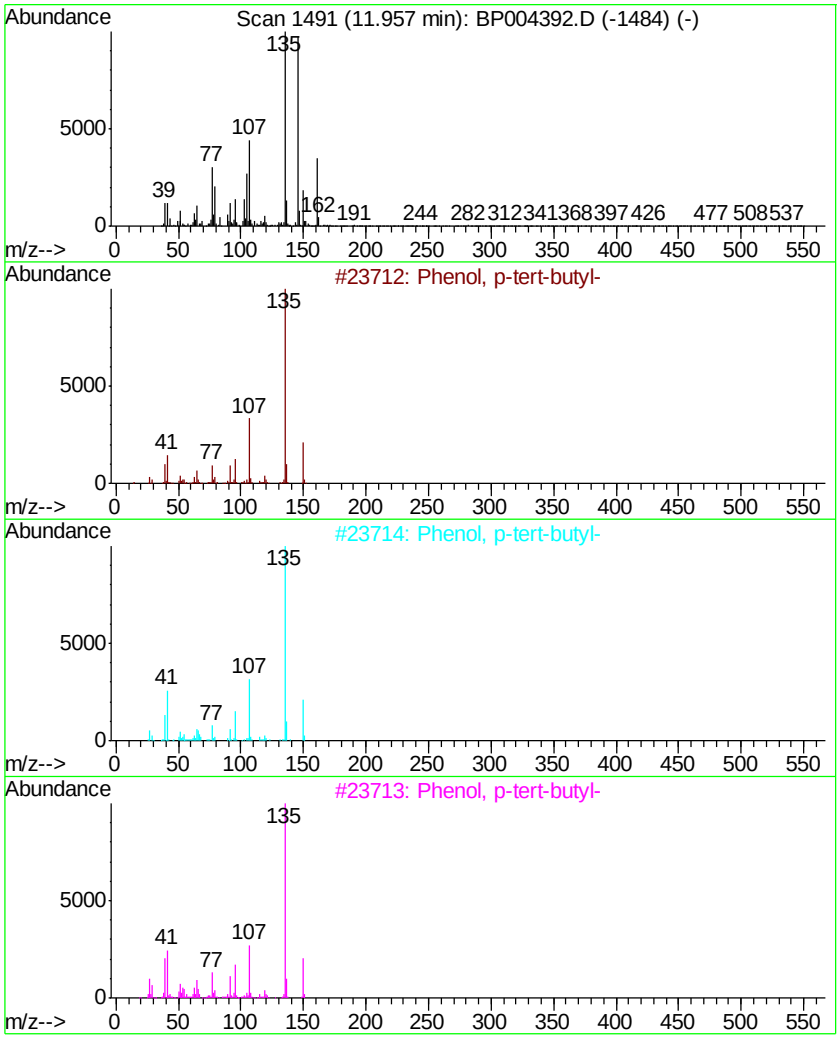
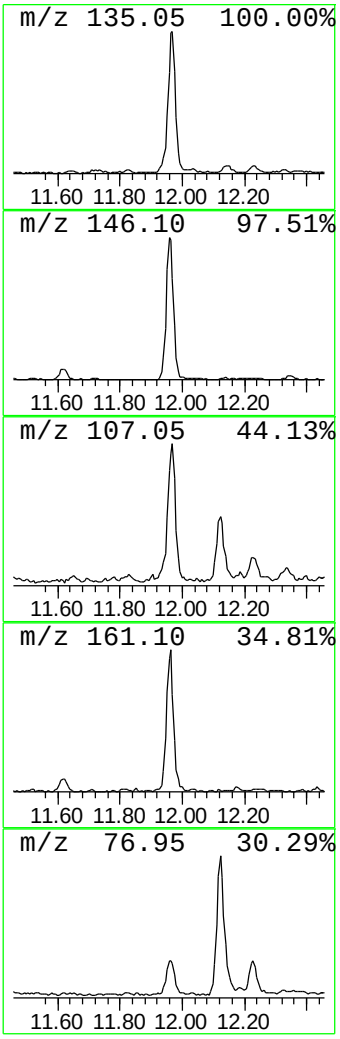
Peak Number 5 Phenol, p-tert-butyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.96 | 2.30 ng/ul | 228104 | Naphthalene-d8 | 10.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 90 |
| 2 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 55 |
| 3 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 55 |
| 4 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 55 |
| 5 | 4-Hydroxy-2-methylacetophenone | 150 | C9H10O2 | 000875-59-2 | 53 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004392.D
Acq On : 19 Dec 2020 13:56
Operator : CG/JU
Sample : L5128-09DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8D2DL

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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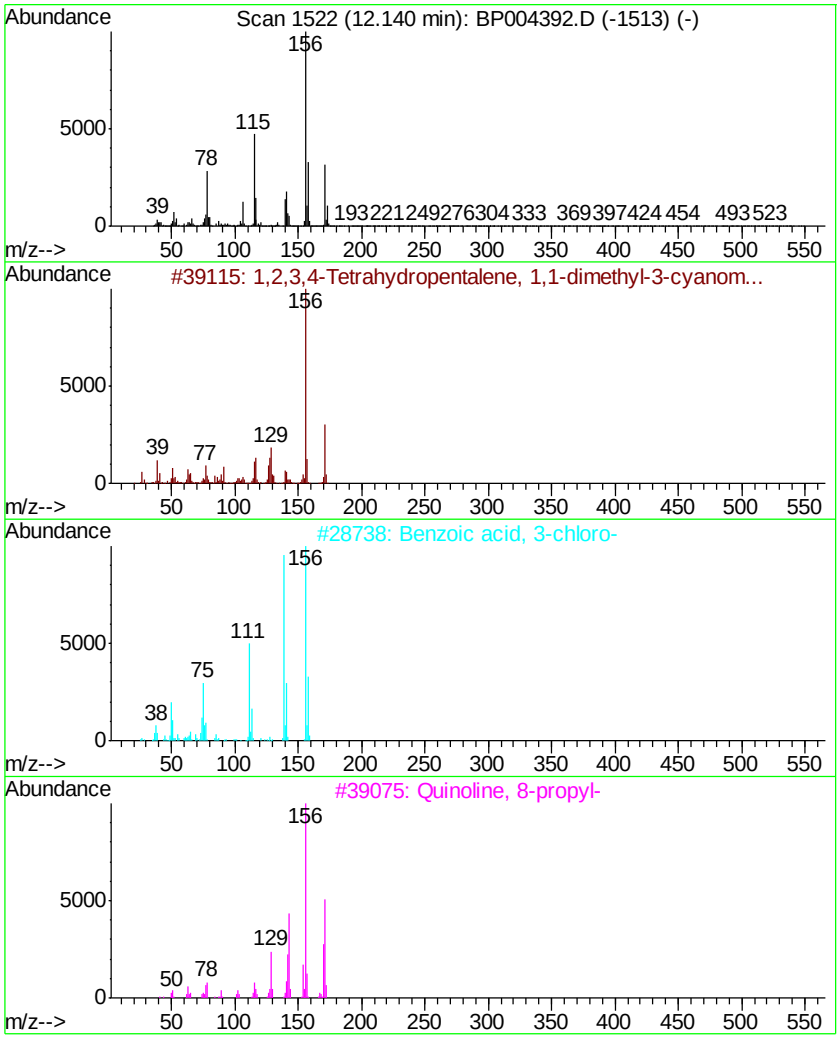
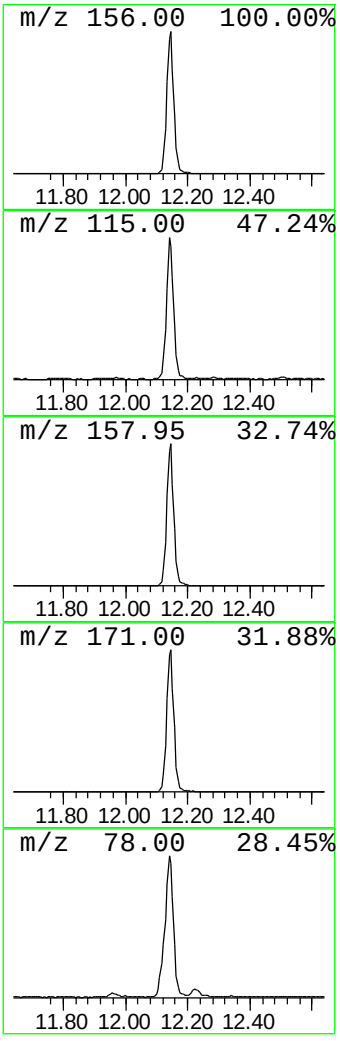
Peak Number 6 unknown-02 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.14 | 12.37 ng/ul | 1226310 | Naphthalene-d8 | 10.62 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2,3,4-Tetrahydropentalene, 1,1... | 171 | C12H13N | 1000217-18-6 | 47 |
| 2 | Benzoic acid, 3-chloro- | 156 | C7H5ClO2 | 000535-80-8 | 37 |
| 3 | Quinoline, 8-propyl- | 171 | C12H13N | 007661-53-2 | 37 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 25 |
| 5 | Tebuthiuron | 228 | C9H16N4OS | 034014-18-1 | 25 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004392.D
Acq On : 19 Dec 2020 13:56
Operator : CG/JU
Sample : L5128-09DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8D2DL

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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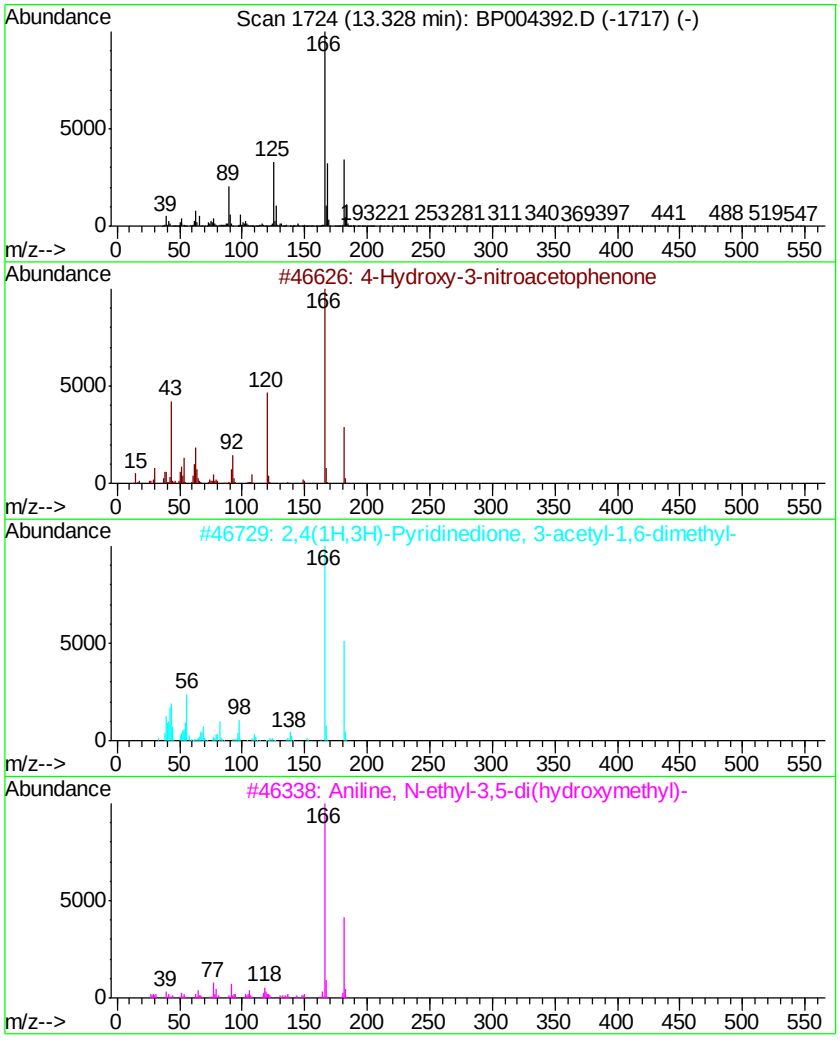
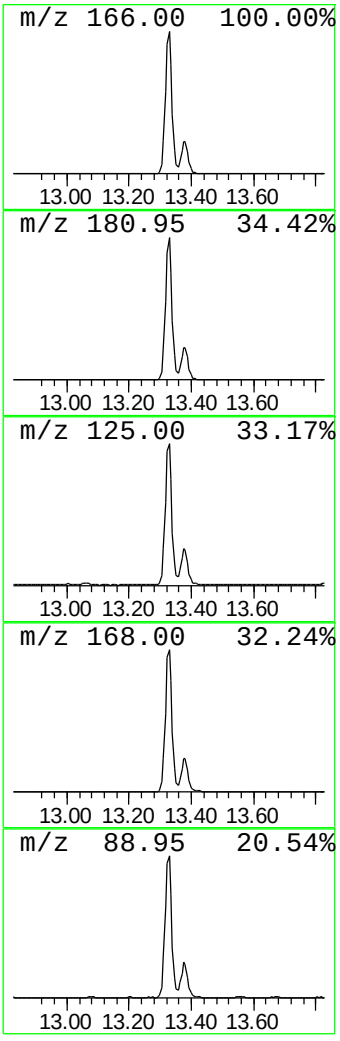
Peak Number 7 unknown-03 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.33 | 10.04 ng/ul | 1386610 | Acenaphthene-d10 | 14.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Hydroxy-3-nitroacetophenone | 181 | C8H7NO4 | 1000342-49-3 | 46 |
| 2 | 2,4(1H,3H)-Pyridinedione, 3-acet... | 181 | C9H11NO3 | 1000318-78-2 | 43 |
| 3 | Aniline, N-ethyl-3,5-di(hydroxym... | 181 | C10H15NO2 | 1000158-25-8 | 43 |
| 4 | Morpholine, 4-(3-methylcyclohex-... | 181 | C11H19NO | 1000146-93-2 | 38 |
| 5 | 4-Trimethylsilyloxyaniline | 181 | C9H15NOSi | 036309-42-9 | 37 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004392.D
Acq On : 19 Dec 2020 13:56
Operator : CG/JU
Sample : L5128-09DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8D2DL

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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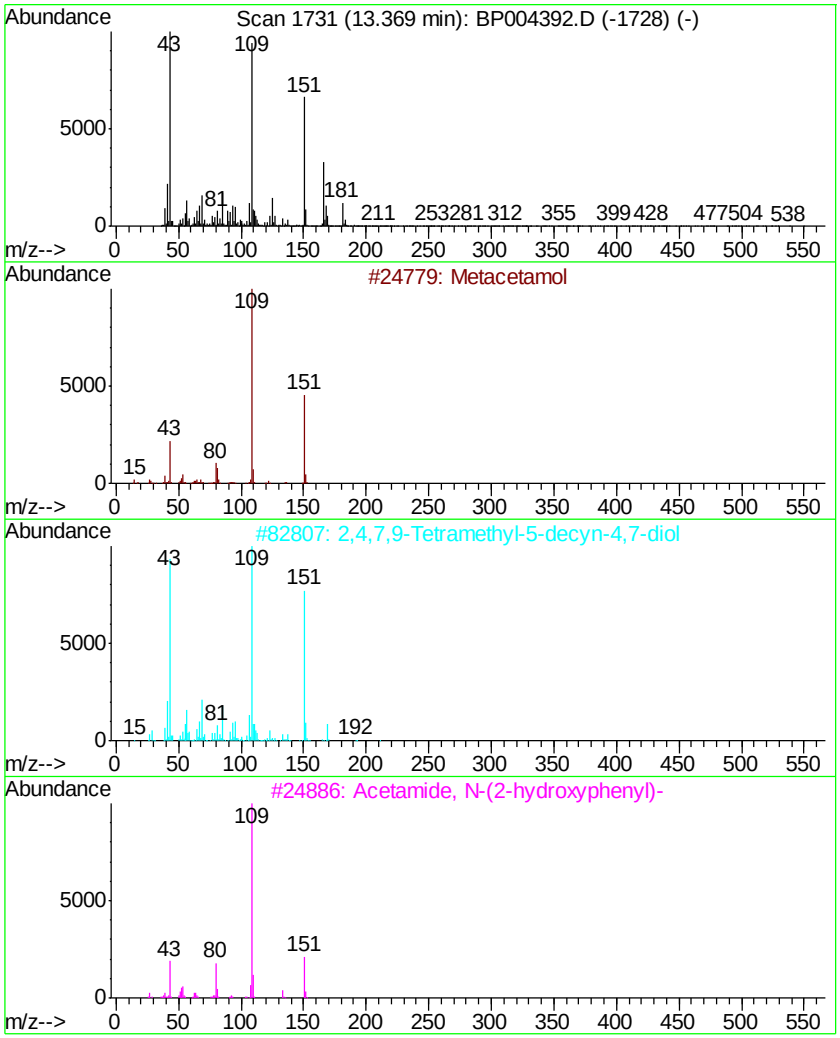
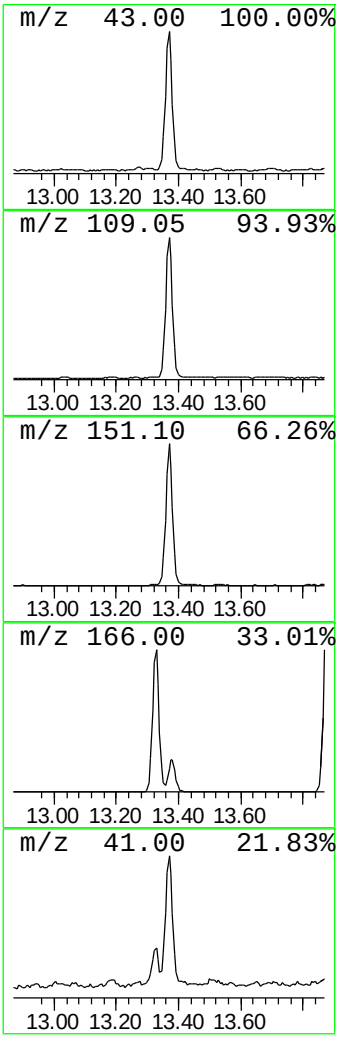
Peak Number 8 unknown-04 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.37 | 7.69 ng/ul | 1061500 | Acenaphthene-d10 | 14.47 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Metacetamol | 151 | C8H9NO2 | 000621-42-1 | 46 |
| 2 | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2 | 000126-86-3 | 45 |
| 3 | Acetamide, N-(2-hydroxyphenyl)- | 151 | C8H9NO2 | 000614-80-2 | 43 |
| 4 | m-Isopropoxyaniline | 151 | C9H13NO | 041406-00-2 | 43 |
| 5 | N-Cyclopropyl-p-fluorobenzylamine | 165 | C10H12FN | 1000250-88-9 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004392.D
Acq On : 19 Dec 2020 13:56
Operator : CG/JU
Sample : L5128-09DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8D2DL

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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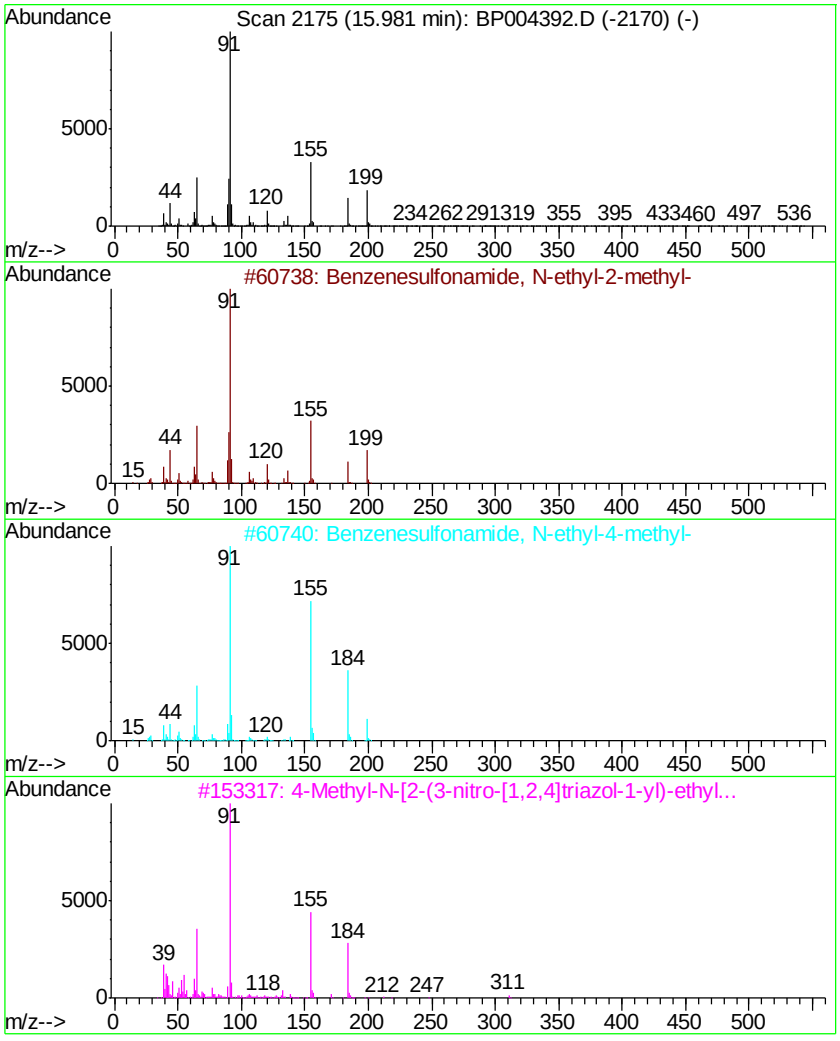
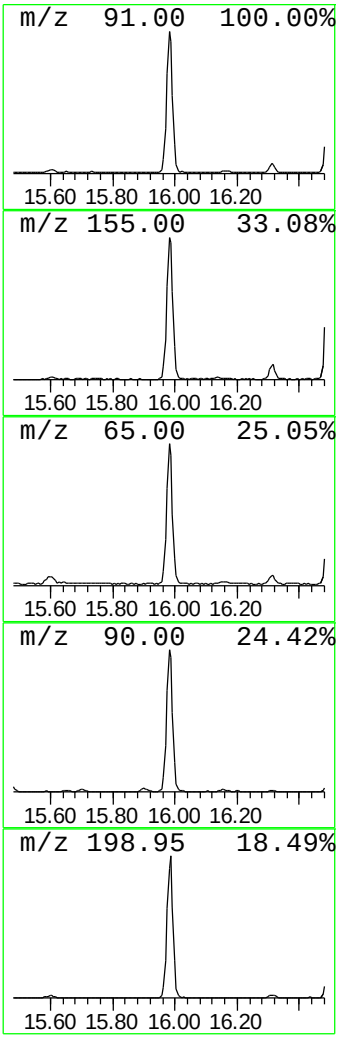
Peak Number 9 Benzenesulfonamide, N-ethyl... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.98 | 5.98 ng/ul | 1002000 | 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-4-me... | 199 | C9H13NO2S | 000080-39-7 | 59 |
| 3 | 4-Methyl-N-[2-(3-nitro-[1,2,4]tr... | 311 | C11H13N5O4S | 1000301-03-5 | 50 |
| 4 | Benzenesulfonamide, N-ethyl-4-me... | 199 | C9H13NO2S | 000080-39-7 | 49 |
| 5 | Benzenesulfonamide, N-ethyl-2-me... | 199 | C9H13NO2S | 001077-56-1 | 49 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004392.D
Acq On : 19 Dec 2020 13:56
Operator : CG/JU
Sample : L5128-09DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8D2DL

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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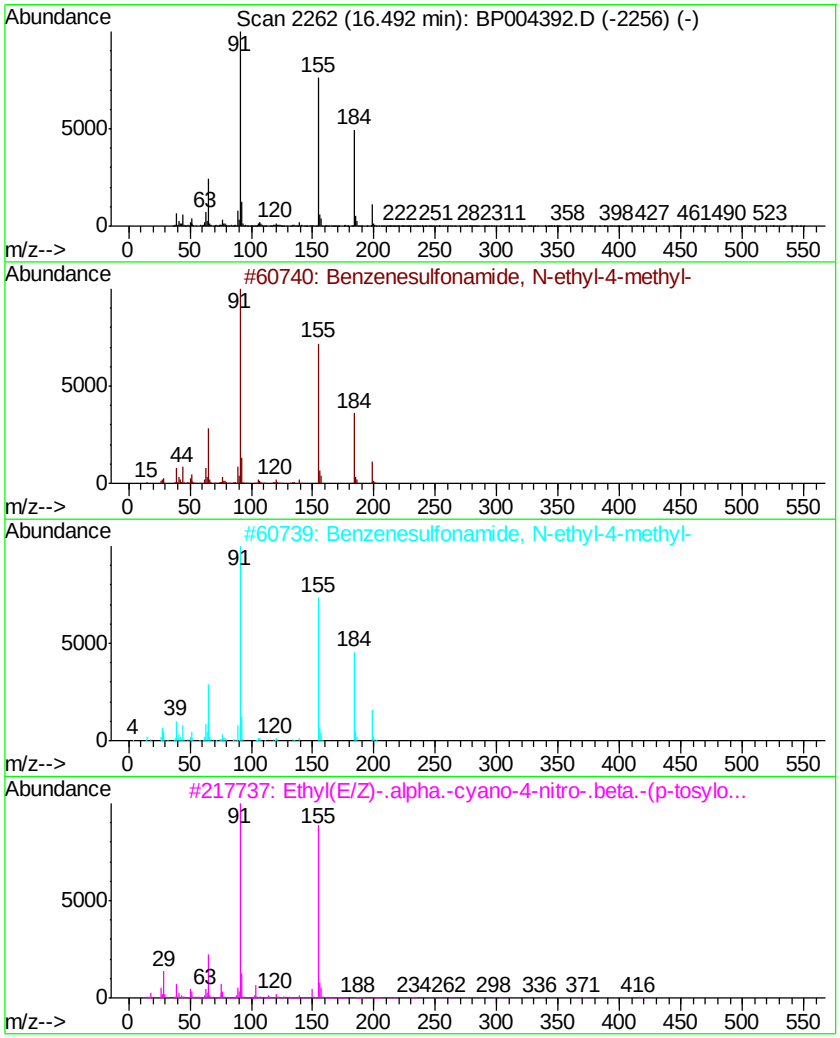
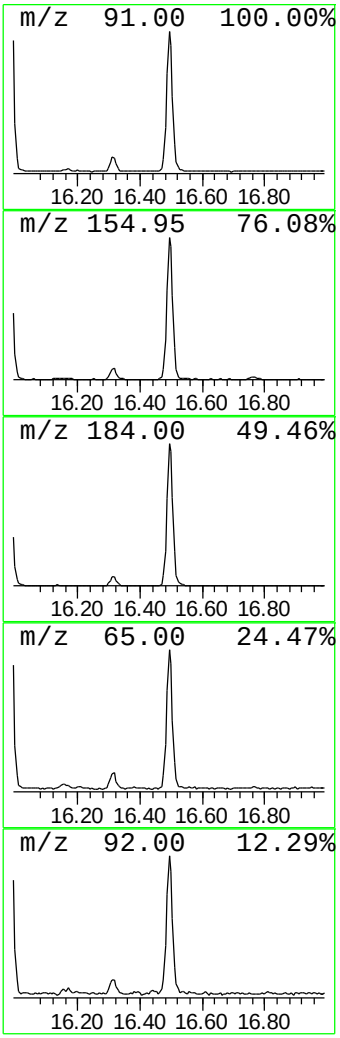
Peak Number 10 Benzenesulfonamide, N-ethyl... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.49 | 3.76 ng/ul | 630043 | Phenanthrene-d10 | 17.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenesulfonamide, N-ethyl-4-me... | 199 | C9H13NO2S | 000080-39-7 | 97 |
| 2 | Benzenesulfonamide, N-ethyl-4-me... | 199 | C9H13NO2S | 000080-39-7 | 95 |
| 3 | Ethyl(E/Z)-.alpha.-cyano-4-nitro... | 416 | C19H16N2O7S | 1000287-26-8 | 94 |
| 4 | 4-Methyl-N-(2-oxobutyl)benzenesu... | 241 | C11H15NO3S | 1000192-14-5 | 90 |
| 5 | Furazan-3-carboxylic acid, 4-ami... | 325 | C12H15N5O4S | 1000304-69-4 | 83 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121820\
Data File : BP004392.D
Acq On : 19 Dec 2020 13:56
Operator : CG/JU
Sample : L5128-09DL 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB8D2DL

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 |
| 1,3-Oxathiolane | 4.48 | 2.2 | ng/ul | 146476 | 1 | 7.82 | 1341520 | 20.0 |
| Benzenamine, 3-me... | 8.80 | 32.8 | ng/ul | 2199550 | 1 | 7.82 | 1341520 | 20.0 |
| Bicyclo[2.2.1]hep... | 9.06 | 8.4 | ng/ul | 563600 | 1 | 7.82 | 1341520 | 20.0 |
| unknown-01 | 10.16 | 2.0 | ng/ul | 203544 | 2 | 10.62 | 1982240 | 20.0 |
| Phenol, p-tert-bu... | 11.96 | 2.3 | ng/ul | 228104 | 2 | 10.62 | 1982240 | 20.0 |
| unknown-02 | 12.14 | 12.4 | ng/ul | 1226310 | 2 | 10.62 | 1982240 | 20.0 |
| unknown-03 | 13.33 | 10.0 | ng/ul | 1386610 | 3 | 14.47 | 2762360 | 20.0 |
| unknown-04 | 13.37 | 7.7 | ng/ul | 1061500 | 3 | 14.47 | 2762360 | 20.0 |
| Benzenesulfonamid... | 15.98 | 6.0 | ng/ul | 1002000 | 4 | 17.23 | 3352300 | 20.0 |
| Benzenesulfonamid... | 16.49 | 3.8 | ng/ul | 630043 | 4 | 17.23 | 3352300 | 20.0 |