LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

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\SFAM-EPA-BP080222.M
Title : SVOA CALIBRATION

Signal : TIC: BP011260.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.552 | 93 | 96 | 101 | rVB | 488287 | 556396 | 2.22% | 0.400% |
| 2 | 3.817 | 137 | 141 | 150 | rVB2 | 827239 | 1245484 | 4.96% | 0.894% |
| 3 | 4.034 | 174 | 178 | 188 | rVB | 925158 | 1211652 | 4.83% | 0.870% |
| 4 | 4.470 | 248 | 252 | 260 | rVB | 515871 | 731930 | 2.92% | 0.526% |
| 5 | 4.628 | 275 | 279 | 290 | rVB2 | 366658 | 518555 | 2.07% | 0.372% |
| 6 | 4.934 | 324 | 331 | 345 | rVB | 15738544 | 23923243 | 95.28% | 17.178% |
| 7 | 5.069 | 351 | 354 | 358 | rBV2 | 101334 | 128571 | 0.51% | 0.092% |
| 8 | 5.617 | 443 | 447 | 453 | rVB | 159379 | 225806 | 0.90% | 0.162% |
| 9 | 5.705 | 459 | 462 | 468 | rVB | 82554 | 104116 | 0.41% | 0.075% |
| 10 | 6.269 | 552 | 558 | 570 | rVB3 | 632986 | 1207733 | 4.81% | 0.867% |
| 11 | 6.599 | 611 | 614 | 619 | rVB | 296731 | 414901 | 1.65% | 0.298% |
| 12 | 6.687 | 627 | 629 | 634 | rVB2 | 74328 | 88495 | 0.35% | 0.064% |
| 13 | 6.787 | 642 | 646 | 648 | rBV | 96747 | 136549 | 0.54% | 0.098% |
| 14 | 6.852 | 653 | 657 | 666 | rVB3 | 135225 | 309993 | 1.23% | 0.223% |
| 15 | 6.946 | 668 | 673 | 678 | rBV | 555365 | 800035 | 3.19% | 0.574% |
| 16 | 7.028 | 683 | 687 | 694 | rVB2 | 143272 | 218222 | 0.87% | 0.157% |
| 17 | 7.134 | 700 | 705 | 708 | rBV | 435894 | 703824 | 2.80% | 0.505% |
| 18 | 7.169 | 708 | 711 | 717 | rVB2 | 576171 | 859421 | 3.42% | 0.617% |
| 19 | 7.599 | 777 | 784 | 793 | rBV | 902062 | 1493414 | 5.95% | 1.072% |
| 20 | 7.681 | 793 | 798 | 810 | rVB2 | 567779 | 1000944 | 3.99% | 0.719% |
| 21 | 7.905 | 830 | 836 | 840 | rBV | 1808547 | 2661408 | 10.60% | 1.911% |
| 22 | 7.946 | 840 | 843 | 848 | rVB | 326009 | 466503 | 1.86% | 0.335% |
| 23 | 7.999 | 848 | 852 | 854 | rBV | 109638 | 168190 | 0.67% | 0.121% |
| 24 | 8.199 | 882 | 886 | 891 | rVB2 | 84220 | 121793 | 0.49% | 0.087% |
| 25 | 8.322 | 902 | 907 | 913 | rVV | 351644 | 522997 | 2.08% | 0.376% |
| 26 | 8.581 | 947 | 951 | 956 | rVB2 | 108661 | 160750 | 0.64% | 0.115% |
| 27 | 8.763 | 976 | 982 | 988 | rBV | 735093 | 1126505 | 4.49% | 0.809% |
| 28 | 8.840 | 990 | 995 | 1001 | rVB3 | 57288 | 105392 | 0.42% | 0.076% |
| 29 | 9.028 | 1022 | 1027 | 1032 | rVB5 | 41205 | 73870 | 0.29% | 0.053% |
| 30 | 9.093 | 1032 | 1038 | 1045 | rBV | 471766 | 794429 | 3.16% | 0.570% |
| 31 | 9.163 | 1045 | 1050 | 1058 | rVB6 | 108238 | 242478 | 0.97% | 0.174% |
| 32 | 9.310 | 1071 | 1075 | 1084 | rVB7 | 27346 | 65782 | 0.26% | 0.047% |
| 33 | 9.481 | 1098 | 1104 | 1111 | rBV2 | 421742 | 817072 | 3.25% | 0.587% |
| 34 | 9.546 | 1111 | 1115 | 1119 | rVV3 | 90285 | 157485 | 0.63% | 0.113% |
| 35 | 9.587 | 1119 | 1122 | 1129 | rVB4 | 37510 | 60603 | 0.24% | 0.044% |
| 36 | 9.810 | 1155 | 1160 | 1169 | rVB4 | 61363 | 128894 | 0.51% | 0.093% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
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Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

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\SFAM-EPA-BP080222.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 9.916 | 1169 | 1178 | 1186 | rBV | 825345 | 1812671 | 7.22% | 1.302% |
| 38 | 9.981 | 1186 | 1189 | 1191 | rVV3 | 117098 | 168281 | 0.67% | 0.121% |
| 39 | 10.022 | 1191 | 1196 | 1212 | rVB | 919191 | 1571303 | 6.26% | 1.128% |
| 40 | 10.146 | 1212 | 1217 | 1220 | rBV5 | 45548 | 82589 | 0.33% | 0.059% |
| 41 | 10.216 | 1226 | 1229 | 1233 | rVB2 | 45201 | 60033 | 0.24% | 0.043% |
| 42 | 10.322 | 1242 | 1247 | 1253 | rVB5 | 37302 | 75515 | 0.30% | 0.054% |
| 43 | 10.393 | 1253 | 1259 | 1264 | rBV | 1521397 | 2570773 | 10.24% | 1.846% |
| 44 | 10.446 | 1264 | 1268 | 1275 | rVB | 576234 | 893941 | 3.56% | 0.642% |
| 45 | 10.546 | 1276 | 1285 | 1294 | rBV2 | 228765 | 534123 | 2.13% | 0.384% |
| 46 | 10.640 | 1294 | 1301 | 1317 | rVB | 533138 | 1123136 | 4.47% | 0.806% |
| 47 | 10.763 | 1317 | 1322 | 1330 | rVB | 57738 | 91893 | 0.37% | 0.066% |
| 48 | 10.863 | 1333 | 1339 | 1347 | rBV | 184184 | 436063 | 1.74% | 0.313% |
| 49 | 10.952 | 1347 | 1354 | 1369 | rVB | 6176629 | 10265313 | 40.89% | 7.371% |
| 50 | 11.128 | 1379 | 1384 | 1394 | rVB2 | 103803 | 214072 | 0.85% | 0.154% |
| 51 | 11.263 | 1402 | 1407 | 1414 | rBV4 | 86450 | 169414 | 0.67% | 0.122% |
| 52 | 11.393 | 1425 | 1429 | 1434 | rVB2 | 80194 | 125629 | 0.50% | 0.090% |
| 53 | 11.616 | 1461 | 1467 | 1471 | rBV5 | 34000 | 72811 | 0.29% | 0.052% |
| 54 | 11.675 | 1473 | 1477 | 1481 | rVB3 | 38620 | 66387 | 0.26% | 0.048% |
| 55 | 11.869 | 1505 | 1510 | 1517 | rVB9 | 33683 | 68832 | 0.27% | 0.049% |
| 56 | 11.999 | 1526 | 1532 | 1538 | rBV3 | 174261 | 315218 | 1.26% | 0.226% |
| 57 | 12.140 | 1550 | 1556 | 1565 | rBV4 | 474746 | 982326 | 3.91% | 0.705% |
| 58 | 12.310 | 1577 | 1585 | 1591 | rBV4 | 271346 | 607931 | 2.42% | 0.437% |
| 59 | 12.475 | 1607 | 1613 | 1620 | rVB5 | 93071 | 169142 | 0.67% | 0.121% |
| 60 | 12.575 | 1620 | 1630 | 1637 | rBV6 | 123274 | 344707 | 1.37% | 0.248% |
| 61 | 12.634 | 1637 | 1640 | 1645 | rVB6 | 33686 | 61122 | 0.24% | 0.044% |
| 62 | 12.710 | 1645 | 1653 | 1661 | rBV5 | 119856 | 304823 | 1.21% | 0.219% |
| 63 | 12.851 | 1673 | 1677 | 1685 | rBV7 | 30569 | 60071 | 0.24% | 0.043% |
| 64 | 12.963 | 1688 | 1696 | 1699 | rBV5 | 76217 | 179318 | 0.71% | 0.129% |
| 65 | 13.081 | 1711 | 1716 | 1725 | rBV2 | 723892 | 1315372 | 5.24% | 0.944% |
| 66 | 13.151 | 1725 | 1728 | 1732 | rBV | 65154 | 80751 | 0.32% | 0.058% |
| 67 | 13.210 | 1732 | 1738 | 1742 | rBV3 | 131783 | 299385 | 1.19% | 0.215% |
| 68 | 13.322 | 1753 | 1757 | 1765 | rVB | 233874 | 417163 | 1.66% | 0.300% |
| 69 | 13.575 | 1794 | 1800 | 1809 | rBV5 | 133674 | 317472 | 1.26% | 0.228% |
| 70 | 13.698 | 1815 | 1821 | 1832 | rBV | 3138755 | 4459654 | 17.76% | 3.202% |
| 71 | 13.851 | 1839 | 1847 | 1856 | rBV5 | 125060 | 266963 | 1.06% | 0.192% |
| 72 | 13.963 | 1859 | 1866 | 1874 | rVV | 2072189 | 2964027 | 11.81% | 2.128% |
| 73 | 14.040 | 1874 | 1879 | 1885 | rVV | 190627 | 288420 | 1.15% | 0.207% |
| 74 | 14.093 | 1885 | 1888 | 1900 | rVB | 55994 | 155090 | 0.62% | 0.111% |
| 75 | 14.193 | 1901 | 1905 | 1911 | rVB5 | 58057 | 114177 | 0.45% | 0.082% |
| 76 | 14.275 | 1913 | 1919 | 1927 | rBV | 2108311 | 3091022 | 12.31% | 2.219% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

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\SFAM-EPA-BP080222.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 14.345 | 1927 | 1931 | 1939 | rVB6 | 52012 | 101259 | 0.40% | 0.073% |
| 78 | 14.516 | 1955 | 1960 | 1969 | rVB4 | 141597 | 270774 | 1.08% | 0.194% |
| 79 | 14.604 | 1971 | 1975 | 1983 | rVB2 | 79198 | 127448 | 0.51% | 0.092% |
| 80 | 14.781 | 2001 | 2005 | 2009 | rVB3 | 87427 | 121825 | 0.49% | 0.087% |
| 81 | 14.945 | 2027 | 2033 | 2035 | rBV2 | 151950 | 300441 | 1.20% | 0.216% |
| 82 | 15.081 | 2053 | 2056 | 2064 | rVB3 | 62473 | 102534 | 0.41% | 0.074% |
| 83 | 15.275 | 2083 | 2089 | 2101 | rBV | 2748428 | 4163793 | 16.58% | 2.990% |
| 84 | 15.369 | 2102 | 2105 | 2107 | rVV3 | 90181 | 125786 | 0.50% | 0.090% |
| 85 | 15.404 | 2107 | 2111 | 2117 | rVB | 807575 | 1109114 | 4.42% | 0.796% |
| 86 | 15.587 | 2139 | 2142 | 2146 | rBV4 | 64731 | 85792 | 0.34% | 0.062% |
| 87 | 15.916 | 2195 | 2198 | 2202 | rBV | 83865 | 114498 | 0.46% | 0.082% |
| 88 | 17.045 | 2384 | 2390 | 2398 | rBV | 2555119 | 3598533 | 14.33% | 2.584% |
| 89 | 17.145 | 2401 | 2407 | 2417 | rBV | 3138151 | 4288016 | 17.08% | 3.079% |
| 90 | 17.581 | 2478 | 2481 | 2489 | rVB3 | 79950 | 154799 | 0.62% | 0.111% |
| 91 | 17.898 | 2533 | 2535 | 2539 | rBV3 | 55108 | 86196 | 0.34% | 0.062% |
| 92 | 17.969 | 2543 | 2547 | 2551 | rBV2 | 163211 | 219484 | 0.87% | 0.158% |
| 93 | 18.016 | 2552 | 2555 | 2562 | rVB3 | 113731 | 197854 | 0.79% | 0.142% |
| 94 | 18.504 | 2634 | 2638 | 2644 | rVB | 462752 | 559781 | 2.23% | 0.402% |
| 95 | 19.410 | 2786 | 2792 | 2797 | rBV | 3753889 | 5016778 | 19.98% | 3.602% |
| 96 | 19.480 | 2798 | 2804 | 2822 | rVB | 18282981 | 25107531 | 100.00% | 18.028% |
| 97 | 20.910 | 3044 | 3047 | 3055 | rVB3 | 229518 | 333995 | 1.33% | 0.240% |
| 98 | 21.175 | 3087 | 3092 | 3097 | rBV | 3123078 | 3799362 | 15.13% | 2.728% |
| 99 | 23.345 | 3455 | 3461 | 3469 | rVB2 | 2577608 | 4688146 | 18.67% | 3.366% |
| 100 | 23.498 | 3480 | 3487 | 3496 | rVB2 | 1980878 | 3845533 | 15.32% | 2.761% |

Sum of corrected areas: 139269640

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
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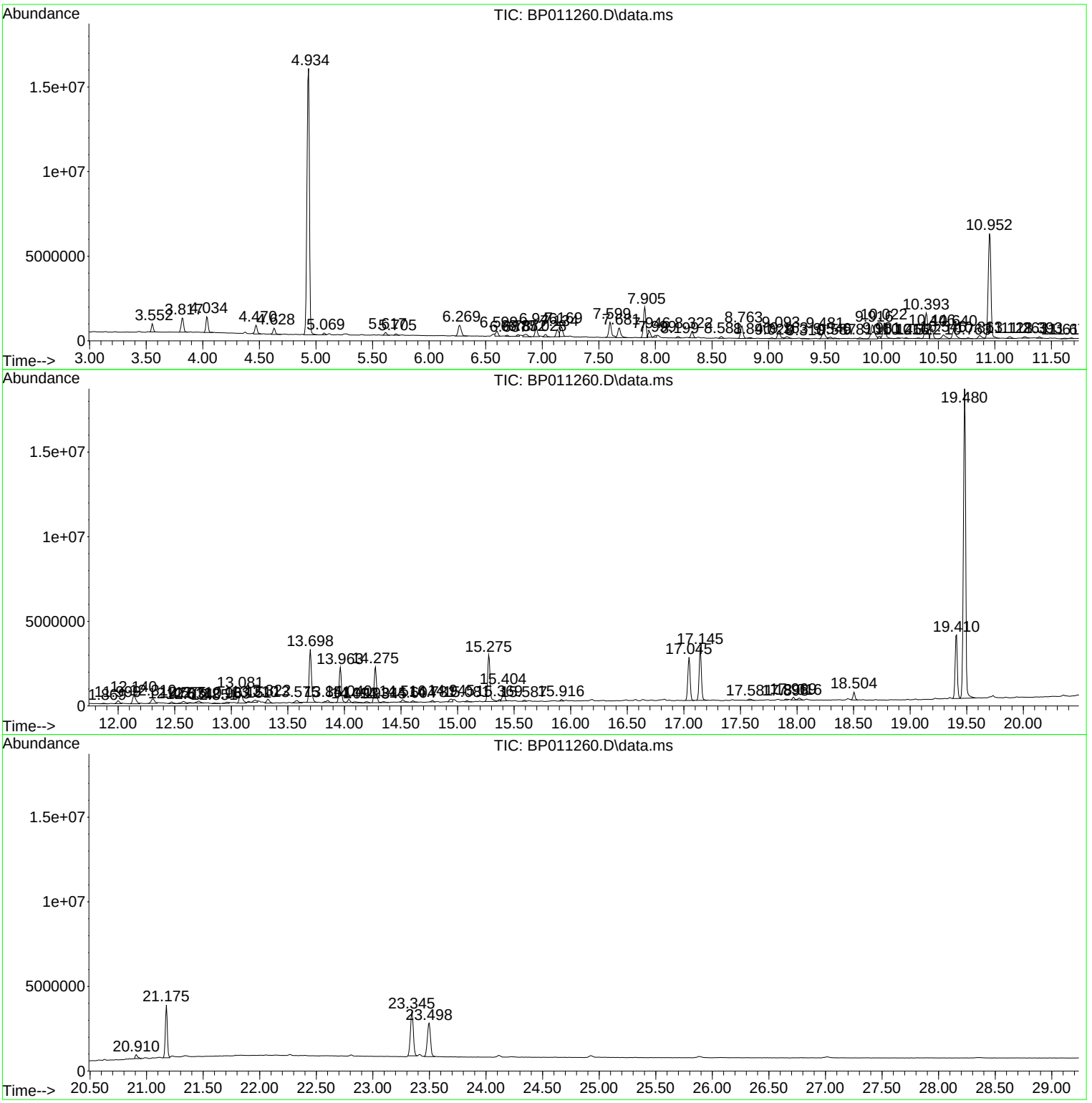
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

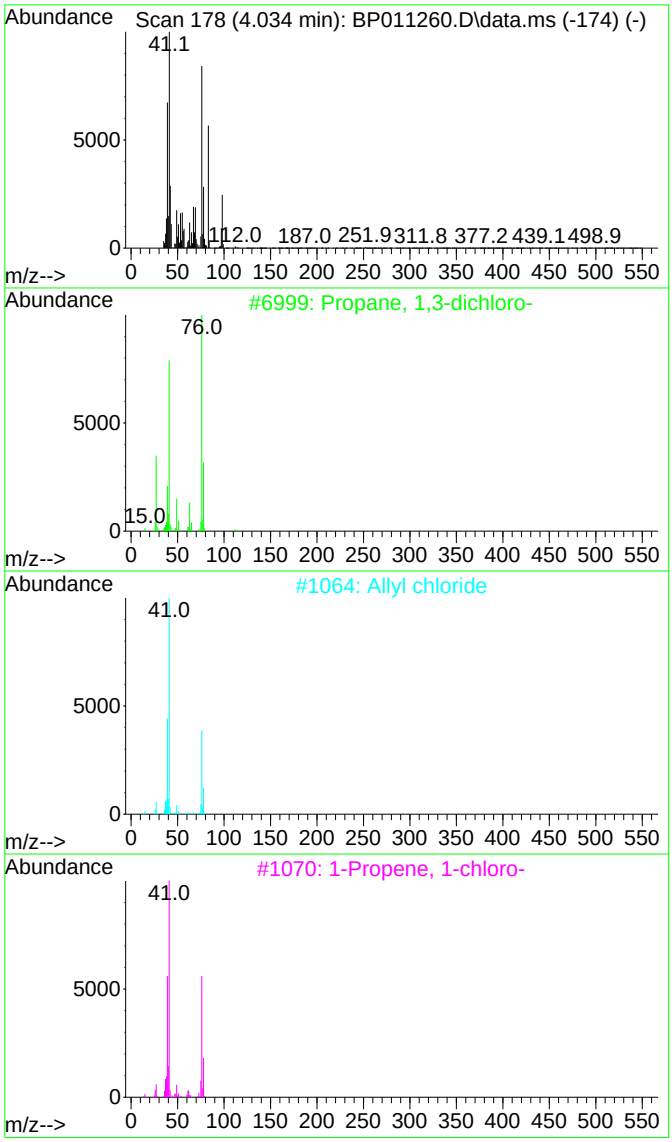
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

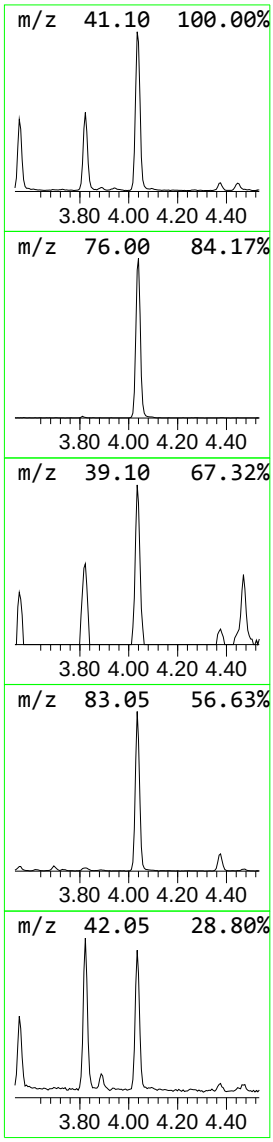
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Propane, 1,3-dichloro- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.034 | 16.23 ng/ul | 1211650 | 1,4-Dichlorobenzene-d4 | 7.599 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propane, 1,3-dichloro- | 112 | C3H6Cl2 | 000142-28-9 | 70 |
| 2 | Allyl chloride | 76 | C3H5Cl | 000107-05-1 | 64 |
| 3 | 1-Propene, 1-chloro- | 76 | C3H5Cl | 000590-21-6 | 53 |
| 4 | 1-Propene, 1-chloro- | 76 | C3H5Cl | 000590-21-6 | 53 |
| 5 | 1-Propene, 2-chloro- | 76 | C3H5Cl | 000557-98-2 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

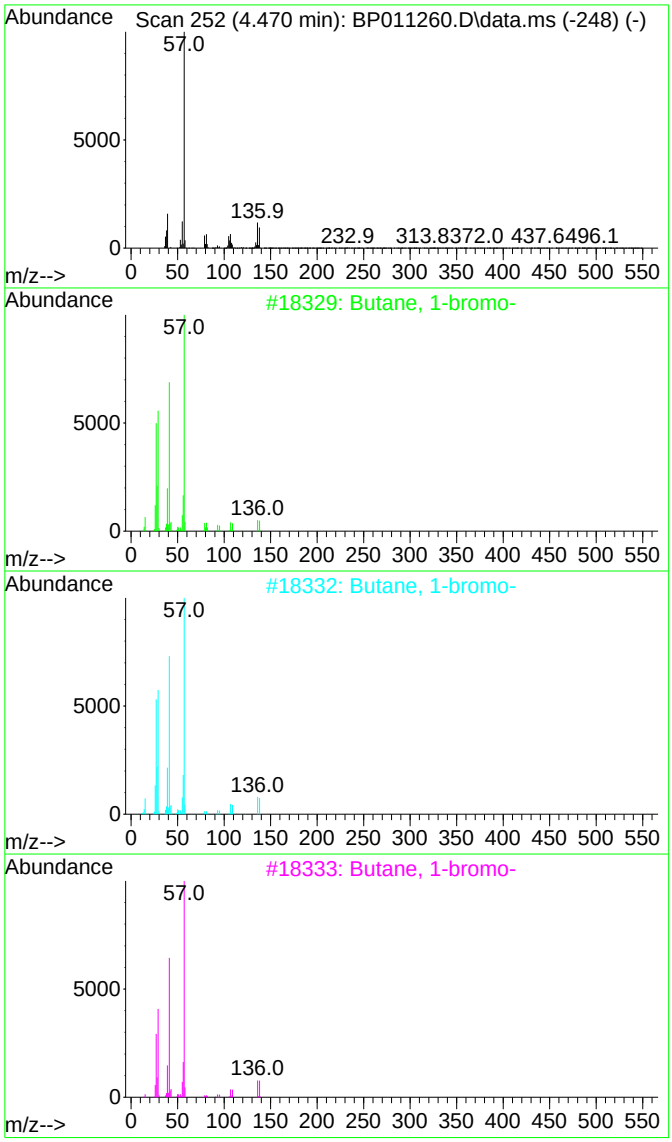
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

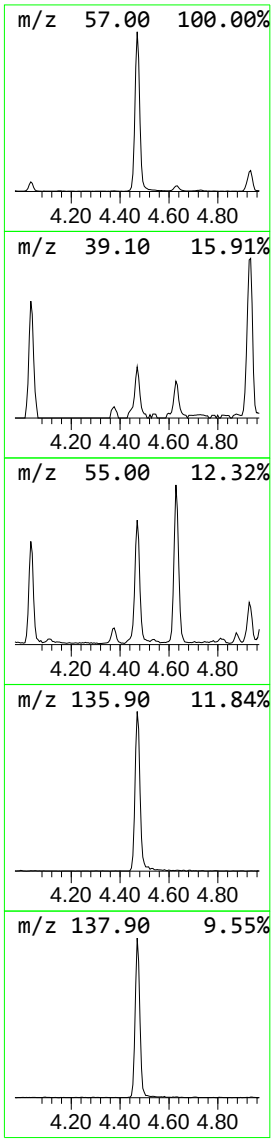
**********

Peak Number 3 Butane, 1-bromo- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.470 | 9.80 ng/ul | 731930 | 1,4-Dichlorobenzene-d4 | 7.599 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 1-bromo- | 136 | C4H9Br | 000109-65-9 | 53 |
| 2 | Butane, 1-bromo- | 136 | C4H9Br | 000109-65-9 | 53 |
| 3 | Butane, 1-bromo- | 136 | C4H9Br | 000109-65-9 | 42 |
| 4 | 2,2,7,7-Tetramethyl-4,5-dimethyl... | 194 | C14H26 | 090822-63-2 | 25 |
| 5 | Propanamide, 2,2-dimethyl-N-(3-n... | 222 | C11H14N2O3 | 032597-30-1 | 23 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

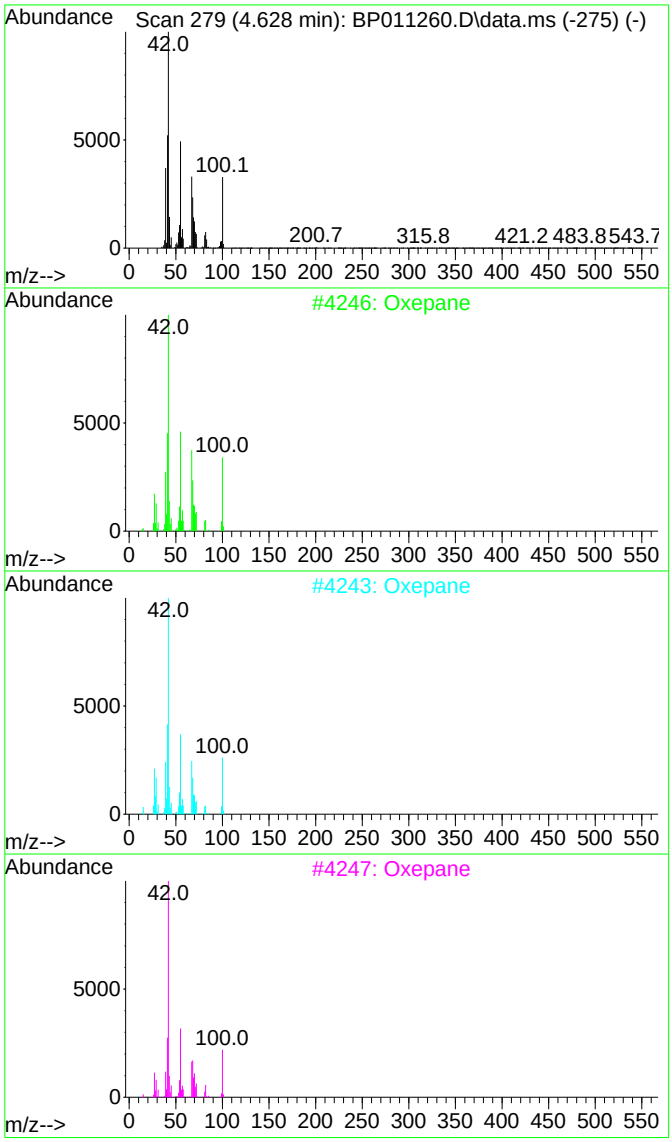
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

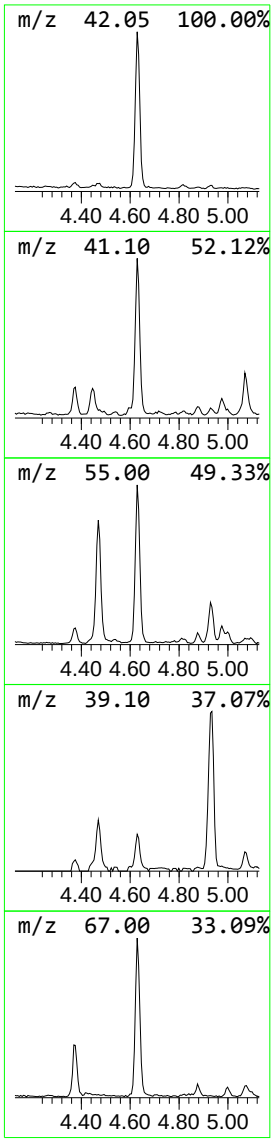
**********

Peak Number 4 Oxepane Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.628 | 6.94 ng/ul | 518555 | 1,4-Dichlorobenzene-d4 | 7.599 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxepane | 100 | C6H12O | 000592-90-5 | 95 |
| 2 | Oxepane | 100 | C6H12O | 000592-90-5 | 93 |
| 3 | Oxepane | 100 | C6H12O | 000592-90-5 | 81 |
| 4 | 3-Ethyltetrahydrofuran | 100 | C6H12O | 093716-28-0 | 59 |
| 5 | 2,4(3H,5H)-Furandione | 100 | C4H4O3 | 004971-56-6 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

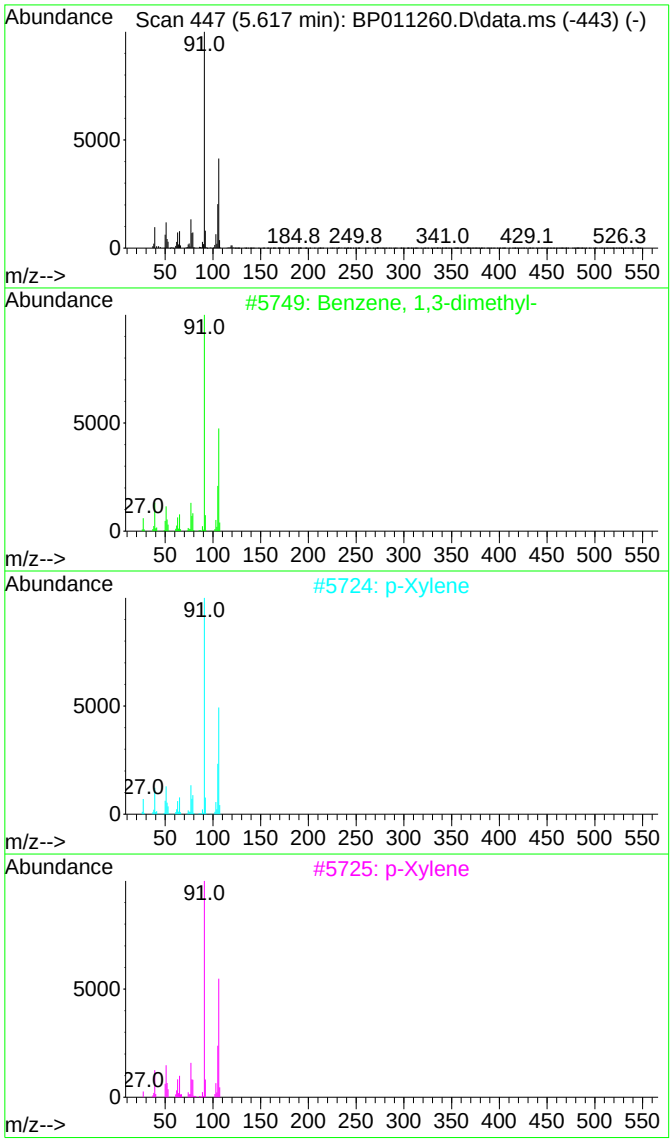
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

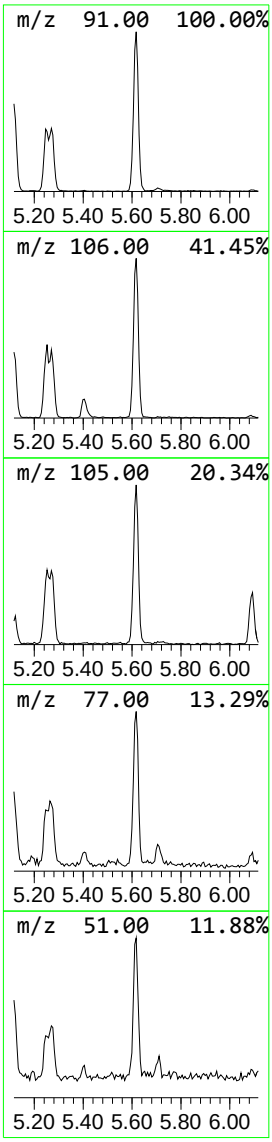
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, 1,3-dimethyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.617 | 3.02 ng/ul | 225806 | 1,4-Dichlorobenzene-d4 | 7.599 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 2 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |
| 3 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |
| 4 | o-Xylene | 106 | C8H10 | 000095-47-6 | 95 |
| 5 | o-Xylene | 106 | C8H10 | 000095-47-6 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

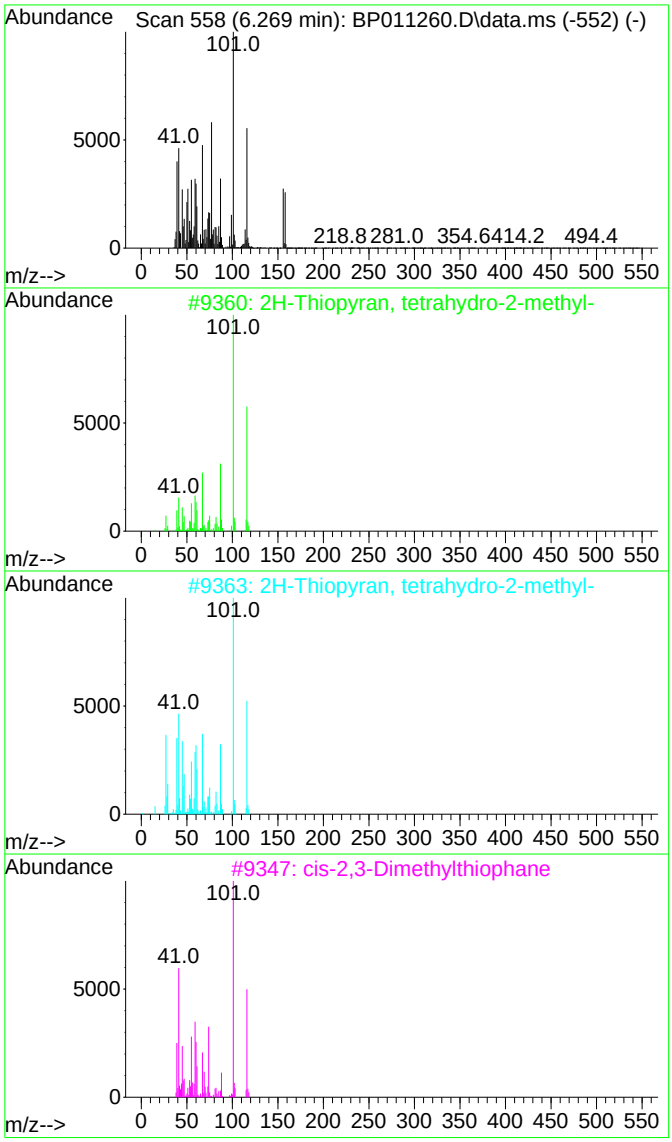
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

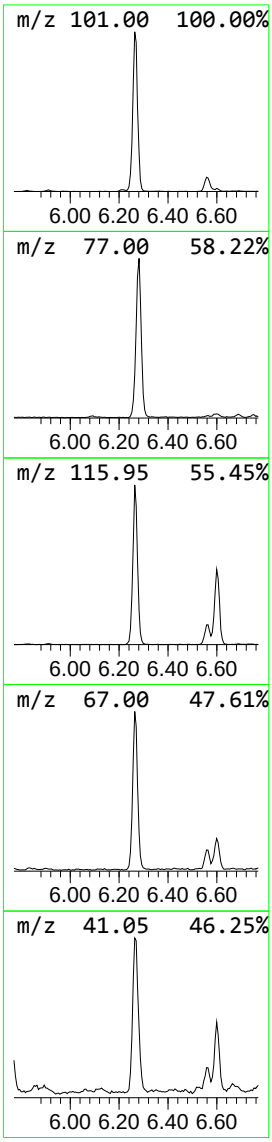
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 2H-Thiopyran, tetrahydro-2-... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.269 | 16.17 ng/ul | 1207730 | 1,4-Dichlorobenzene-d4 | 7.599 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2H-Thiopyran, tetrahydro-2-methyl- | 116 | C6H12S | 005161-16-0 | 95 |
| 2 | 2H-Thiopyran, tetrahydro-2-methyl- | 116 | C6H12S | 005161-16-0 | 95 |
| 3 | cis-2,3-Dimethylthiophane | 116 | C6H12S | 005161-77-3 | 78 |
| 4 | cis-2,3-Dimethylthiophane | 116 | C6H12S | 005161-77-3 | 49 |
| 5 | 2H-Thiopyran, tetrahydro-3-methyl- | 116 | C6H12S | 005258-50-4 | 49 |



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Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

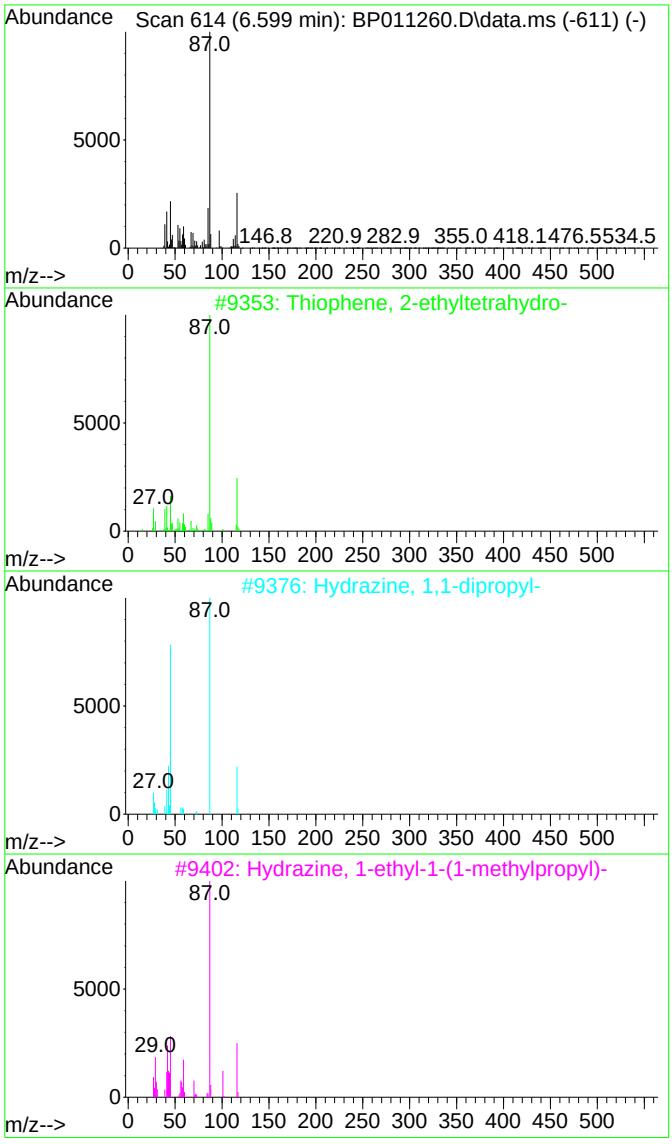
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

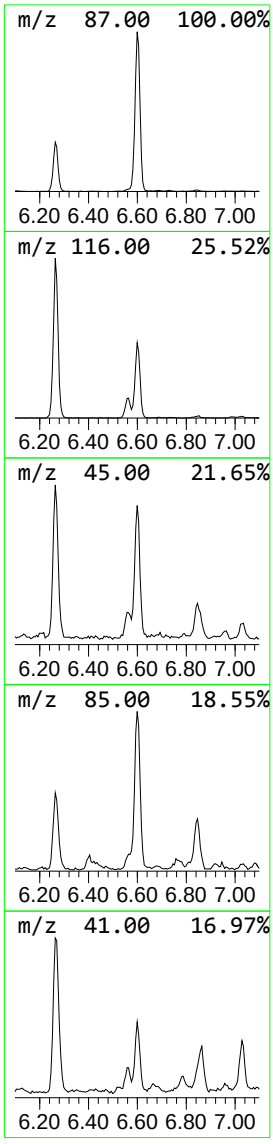
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Thiophene, 2-ethyltetrahydro- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.599 | 5.56 ng/ul | 414901 | 1,4-Dichlorobenzene-d4 | 7.599 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Thiophene, 2-ethyltetrahydro- | 116 | C6H12S | 001551-32-2 | 81 |
| 2 | Hydrazine, 1,1-dipropyl- | 116 | C6H16N2 | 004986-50-9 | 64 |
| 3 | Hydrazine, 1-ethyl-1-(1-methylpr... | 116 | C6H16N2 | 020325-97-7 | 59 |
| 4 | Hydrazine, 1-ethyl-1-(1-methylpr... | 116 | C6H16N2 | 020325-97-7 | 53 |
| 5 | Hydrazine, 1,1-dipropyl- | 116 | C6H16N2 | 004986-50-9 | 45 |



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Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

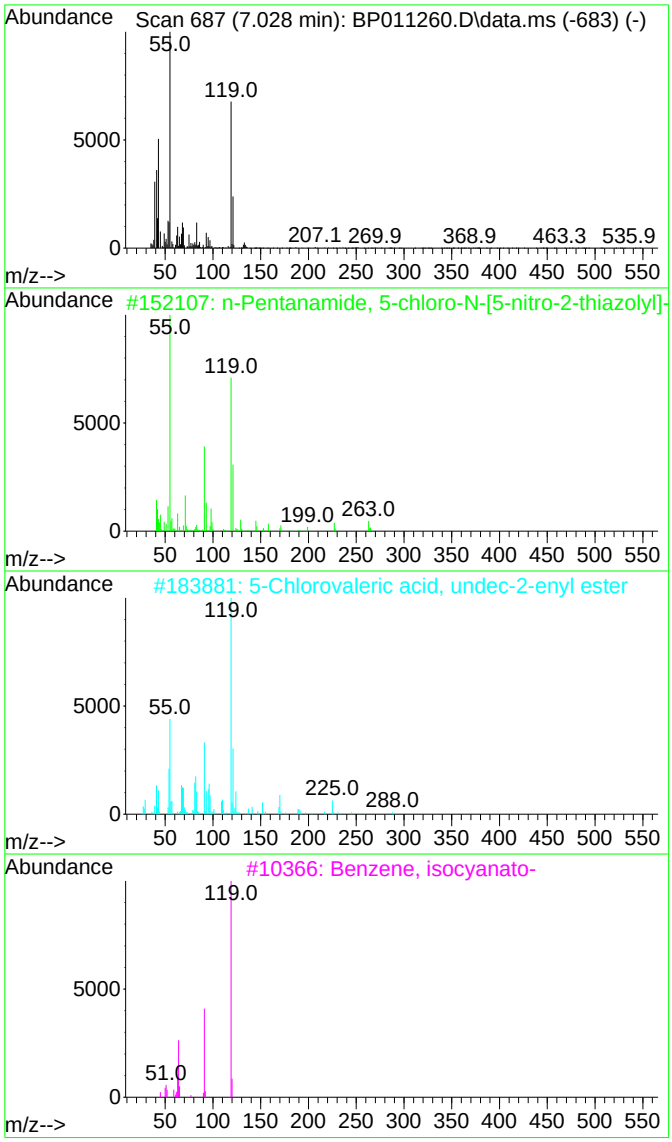
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

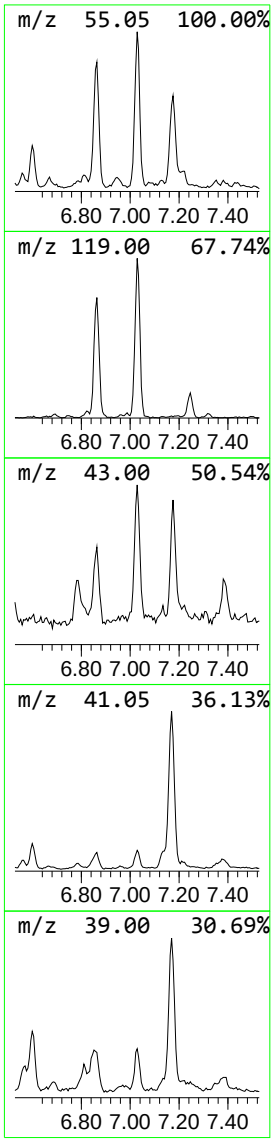
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 unknown-01 Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.028 | 2.92 ng/ul | 218222 | 1,4-Dichlorobenzene-d4 | 7.599 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Pentanamide, 5-chloro-N-[5-nit... | 263 | C8H10ClN3O3S | 016172-47-7 | 47 |
| 2 | 5-Chlorovaleric acid, undec-2-en... | 288 | C16H29ClO2 | 1000292-48-1 | 40 |
| 3 | Benzene, isocyanato- | 119 | C7H5NO | 000103-71-9 | 22 |
| 4 | 5H-Pyrrolo(3,2-d)pyrimidine | 119 | C6H5N3 | 000272-50-4 | 22 |
| 5 | 1,2-ethanediyl bis(phenylcarbamate) | 300 | C16H16N2O4 | 000849-98-9 | 22 |



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Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

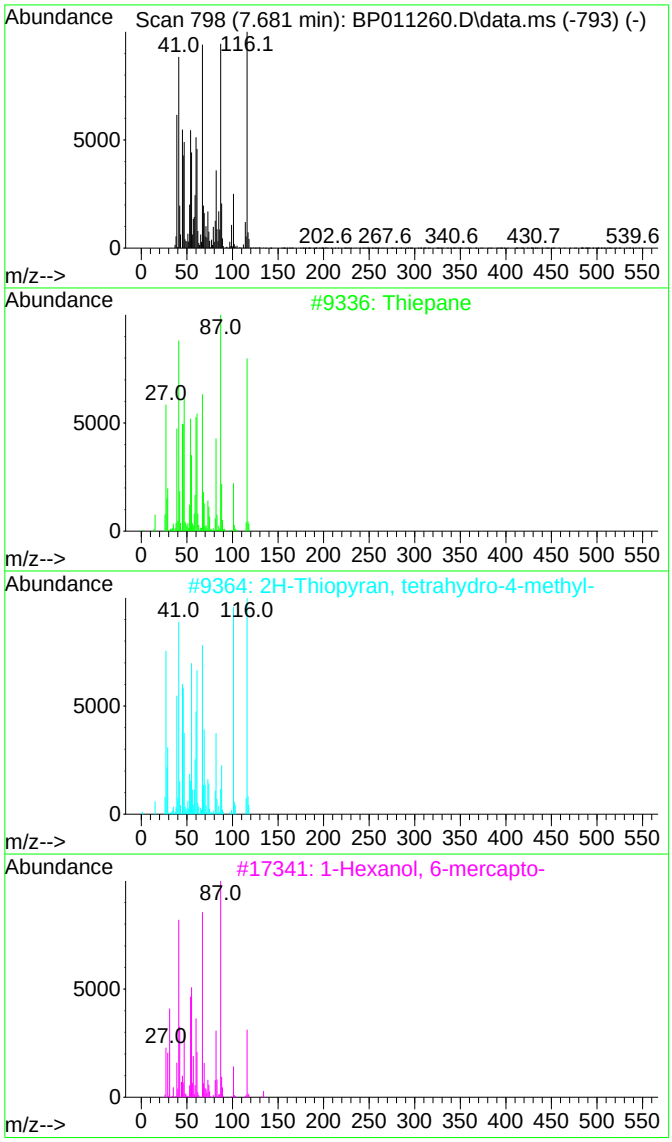
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

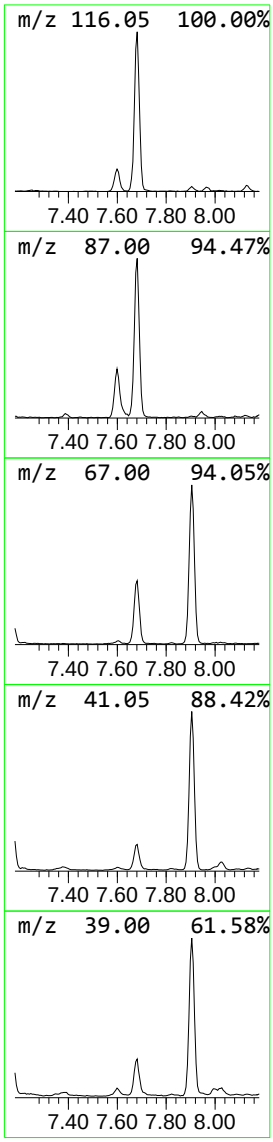
**********

Peak Number 10 Thiepane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.681 | 13.40 ng/ul | 1000940 | 1,4-Dichlorobenzene-d4 | 7.599 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Thiepane | 116 | C6H12S | 004753-80-4 | 74 |
| 2 | 2H-Thiopyran, tetrahydro-4-methyl- | 116 | C6H12S | 005161-17-1 | 49 |
| 3 | 1-Hexanol, 6-mercapto- | 134 | C6H14OS | 001633-78-9 | 47 |
| 4 | Cyclopentanethiol, 2-methyl-, tr... | 116 | C6H12S | 001638-93-3 | 27 |
| 5 | 4H-Thiopyran-4-one, tetrahydro- | 116 | C5H8OS | 001072-72-6 | 25 |



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Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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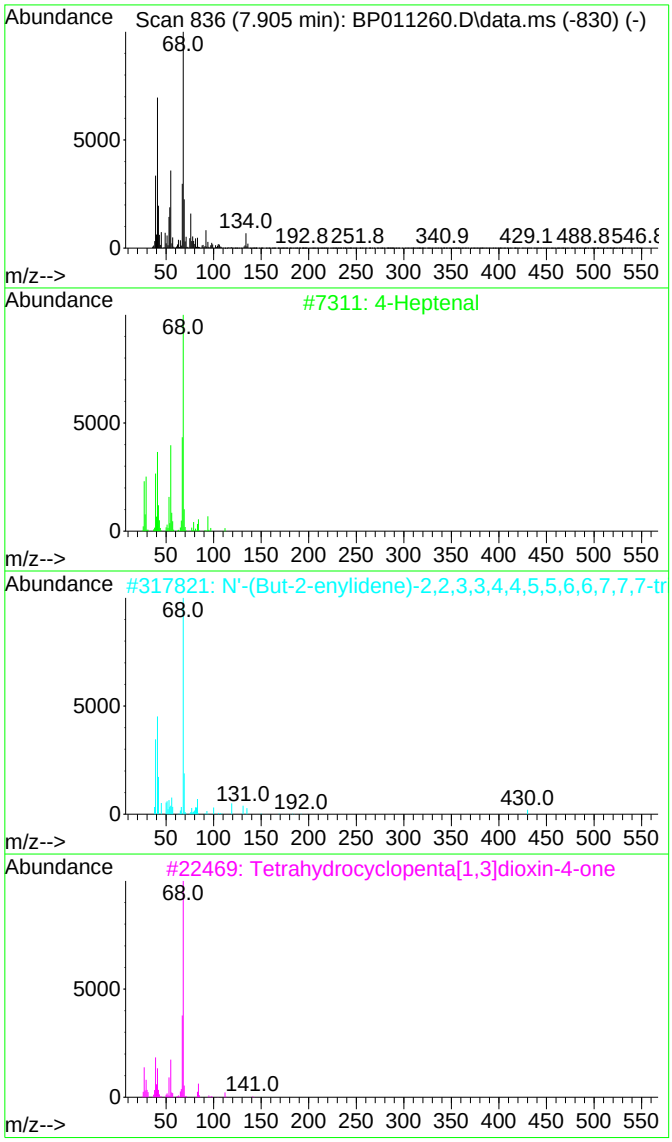
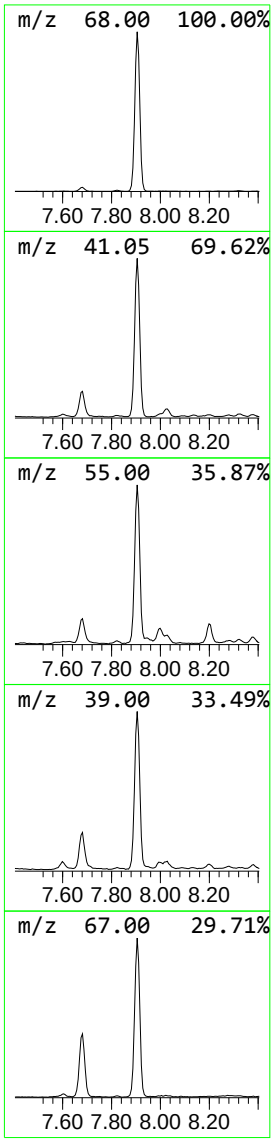
Peak Number 11 4-Heptenal Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.905 | 35.64 ng/ul | 2661410 | 1,4-Dichlorobenzene-d4 | 7.599 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Heptenal | 112 | C7H12O | 062238-34-0 | 50 |
| 2 | N'-(But-2-enylidene)-2,2,3,3,4,4... | 430 | C11H7F13N2O | 330591-15-6 | 38 |
| 3 | Tetrahydrocyclopenta[1,3]dioxin-... | 142 | C7H10O3 | 124898-85-7 | 33 |
| 4 | 1-Pentyn-3-amine, 3-methyl- | 97 | C6H11N | 018369-96-5 | 28 |
| 5 | Cyclopentane, 2-propenyl- | 110 | C8H14 | 003524-75-2 | 25 |



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Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

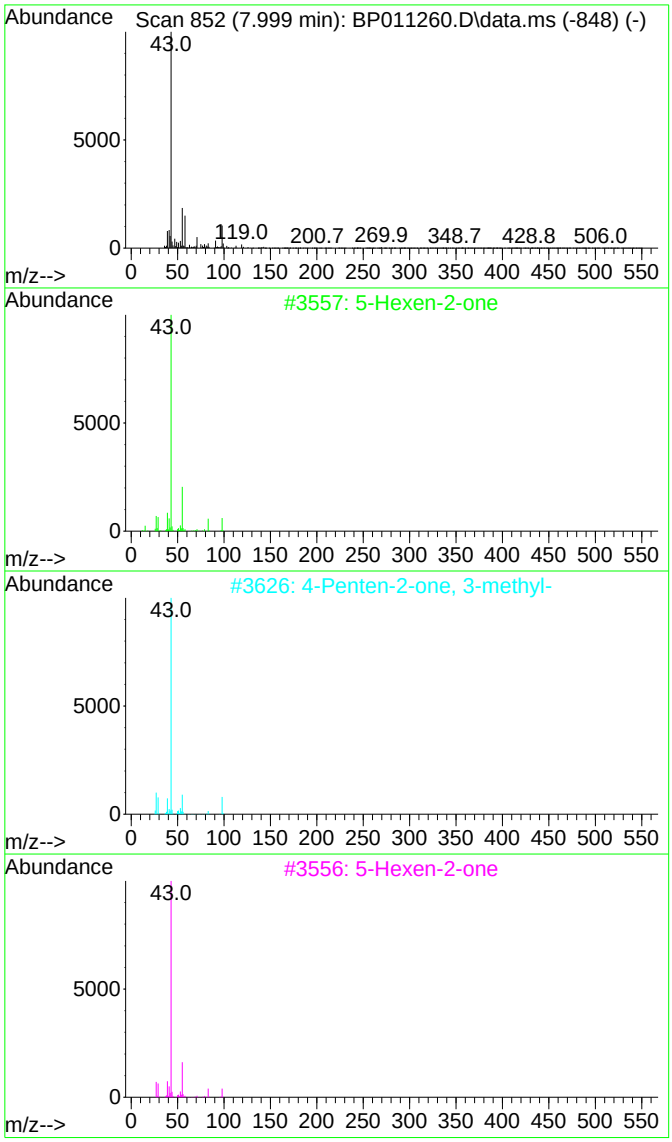
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

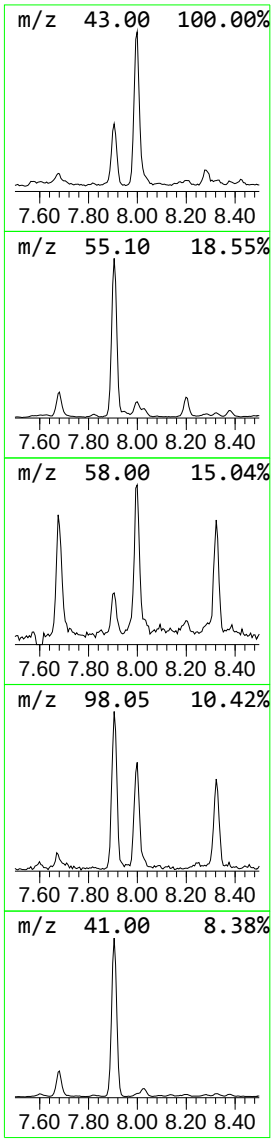
**********

Peak Number 13 unknown-02 Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.999 | 2.25 ng/ul | 168190 | 1,4-Dichlorobenzene-d4 | 7.599 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 43 |
| 2 | 4-Penten-2-one, 3-methyl- | 98 | C6H10O | 000758-87-2 | 38 |
| 3 | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 32 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 23 |
| 5 | 2-Propanone, 1-cyclopropyl- | 98 | C6H10O | 004160-75-2 | 23 |



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Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

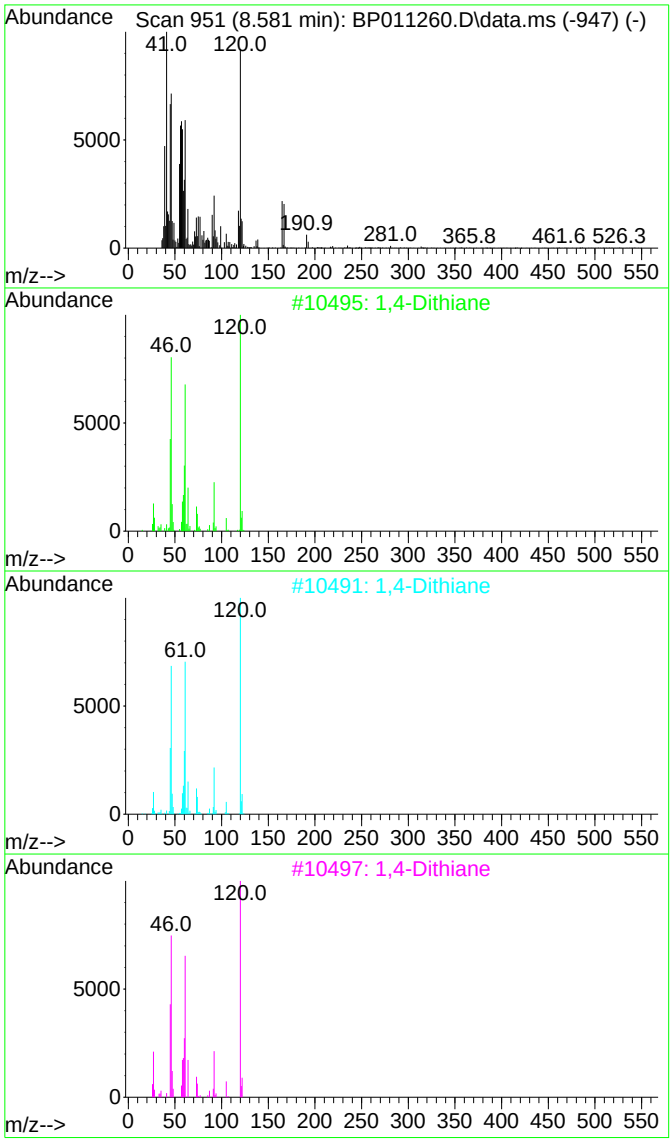
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

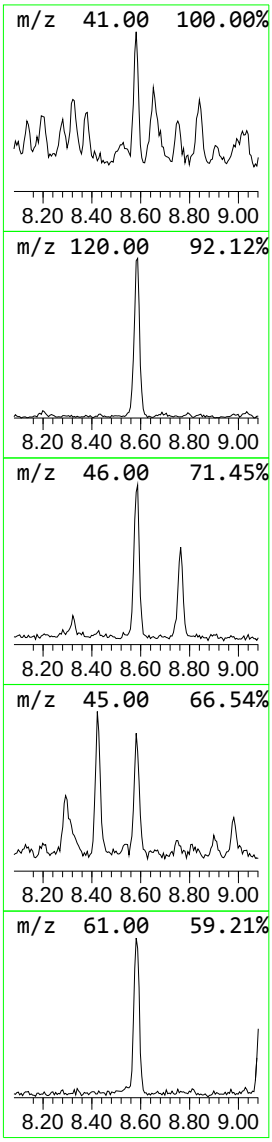
**********

Peak Number 14 1,4-Dithiane Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.581 | 2.15 ng/ul | 160750 | 1,4-Dichlorobenzene-d4 | 7.599 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Dithiane | 120 | C4H8S2 | 000505-29-3 | 92 |
| 2 | 1,4-Dithiane | 120 | C4H8S2 | 000505-29-3 | 91 |
| 3 | 1,4-Dithiane | 120 | C4H8S2 | 000505-29-3 | 90 |
| 4 | 2H-1,4-Benzoxazin-3(4H)-one, 4-h... | 165 | C8H7NO3 | 000771-26-6 | 64 |
| 5 | 1,4-Dithiane | 120 | C4H8S2 | 000505-29-3 | 64 |



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Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

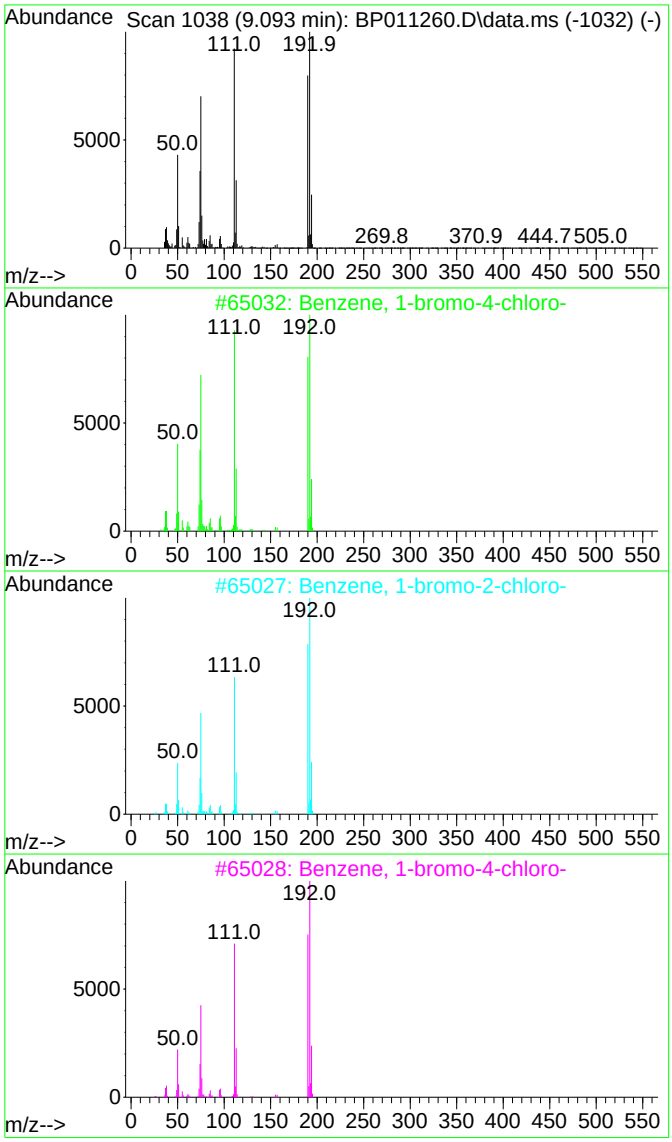
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

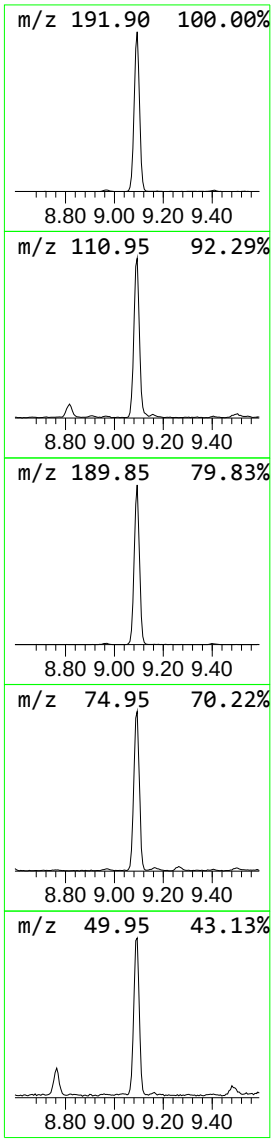
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Benzene, 1-bromo-4-chloro- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.093 | 6.18 ng/ul | 794429 | Naphthalene-d8 | 10.393 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 99 |
| 2 | Benzene, 1-bromo-2-chloro- | 190 | C6H4BrCl | 000694-80-4 | 98 |
| 3 | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 98 |
| 4 | Benzene, 1-bromo-3-chloro- | 190 | C6H4BrCl | 000108-37-2 | 97 |
| 5 | Benzene, 1-bromo-4-chloro- | 190 | C6H4BrCl | 000106-39-8 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

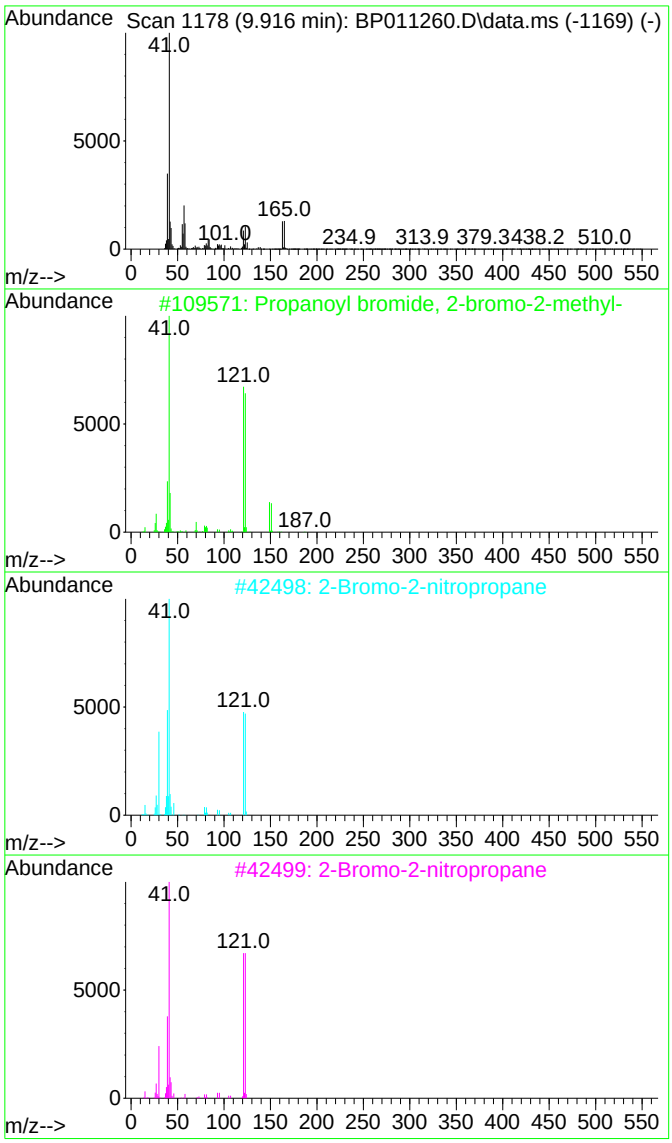
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

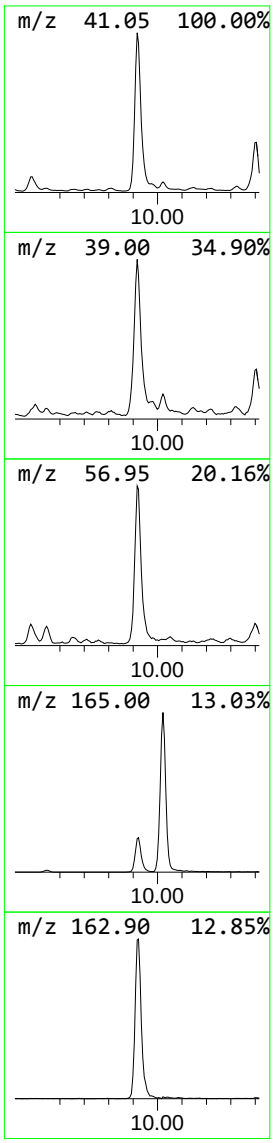
**********

Peak Number 16 unknown-03 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.916 | 14.10 ng/ul | 1812670 | Naphthalene-d8 | 10.393 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoyl bromide, 2-bromo-2-met... | 228 | C4H6Br2O | 020769-85-1 | 22 |
| 2 | 2-Bromo-2-nitropropane | 167 | C3H6BrNO2 | 005447-97-2 | 12 |
| 3 | 2-Bromo-2-nitropropane | 167 | C3H6BrNO2 | 005447-97-2 | 10 |
| 4 | 2-Pentene, 4-methyl- | 84 | C6H12 | 004461-48-7 | 10 |
| 5 | 2,3-Dibromo-2,3-dimethylbutane | 242 | C6H12Br2 | 000594-81-0 | 10 |



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Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

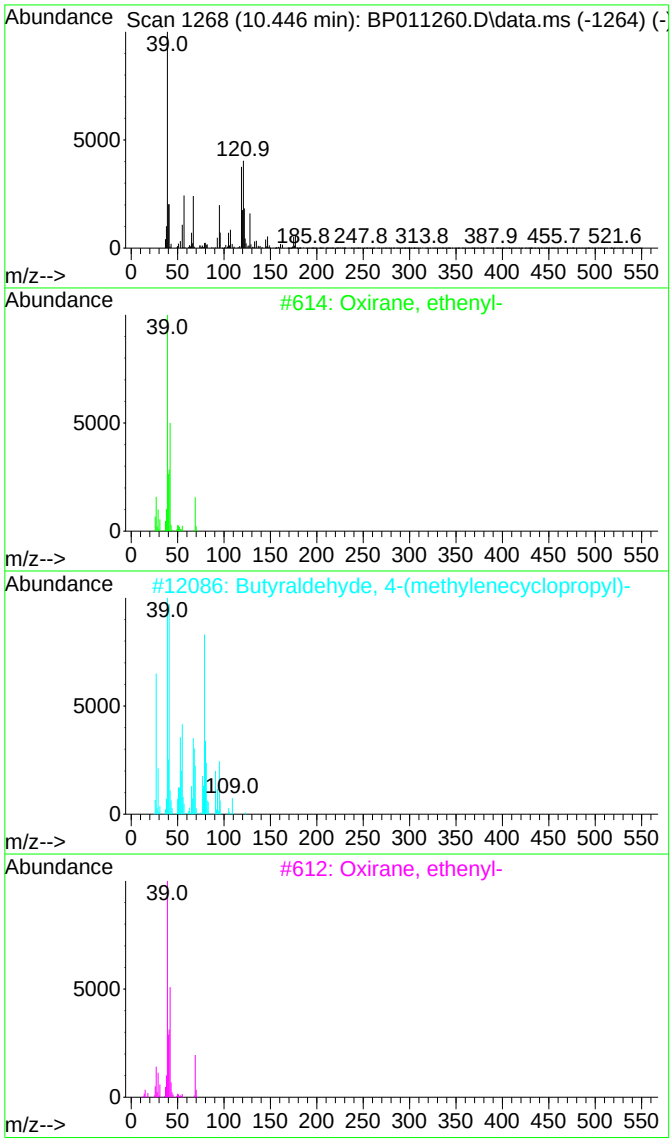
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

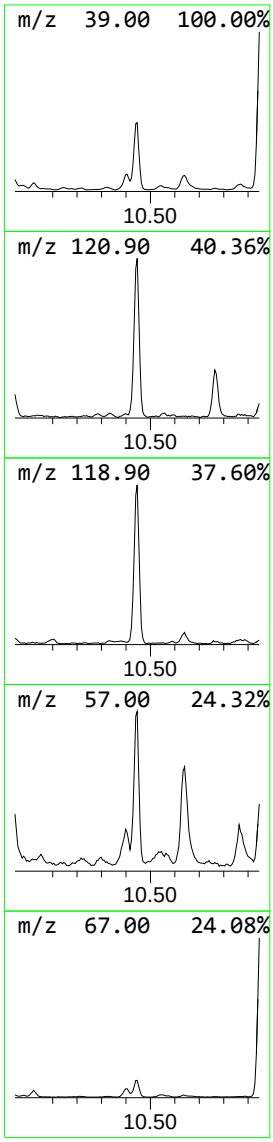
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 unknown-04 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.446 | 6.95 ng/ul | 893941 | Naphthalene-d8 | 10.393 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Oxirane, ethenyl- | 70 | C4H6O | 000930-22-3 | 45 |
| 2 | Butyraldehyde, 4-(methylenecyclo... | 124 | C8H12O | 1000156-86-5 | 9 |
| 3 | Oxirane, ethenyl- | 70 | C4H6O | 000930-22-3 | 9 |
| 4 | 1,1-Dibromopropene | 198 | C3H4Br2 | 013195-80-7 | 9 |
| 5 | 1,3-Benzoxazole, 2-(2-propenylth... | 191 | C10H9NOS | 1010362-66-2 | 4 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

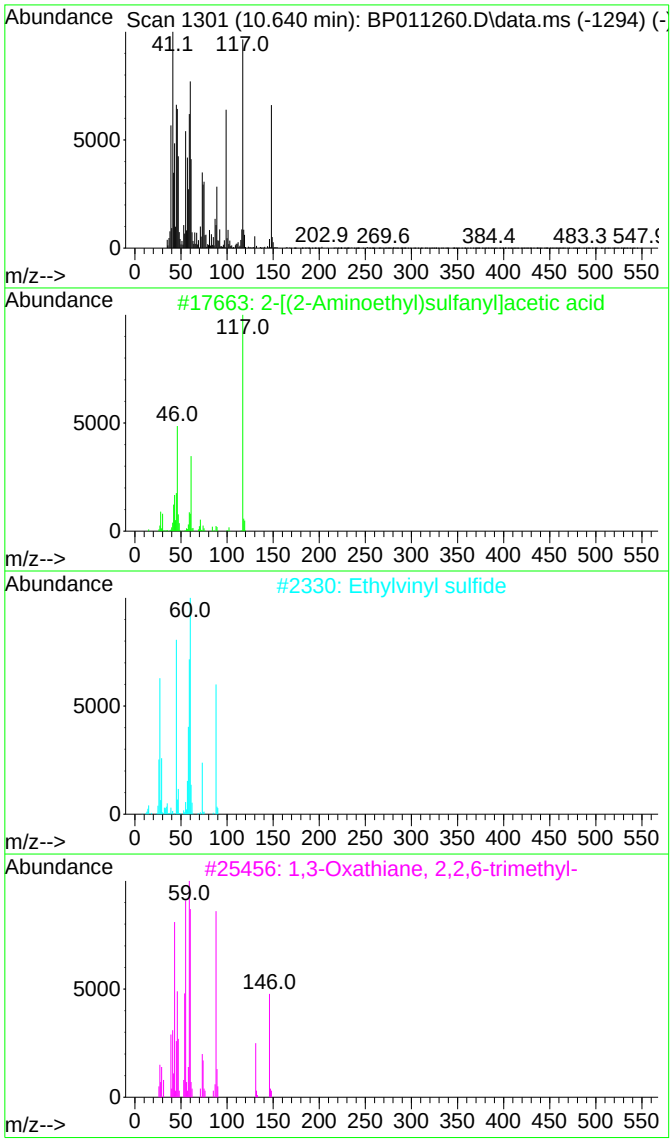
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

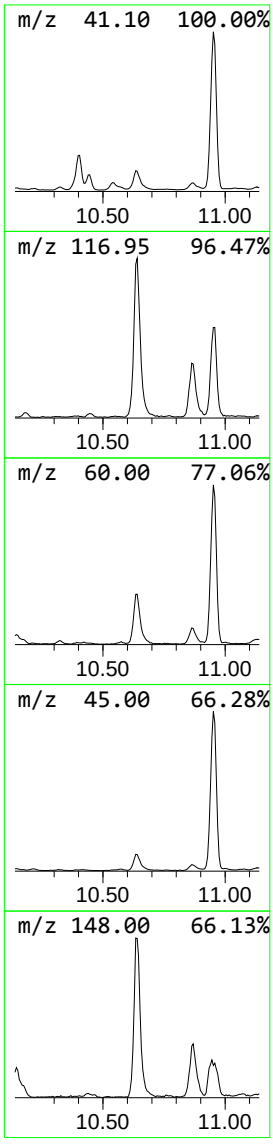
**********

Peak Number 18 unknown-05 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.640 | 8.74 ng/ul | 1123140 | Naphthalene-d8 | 10.393 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-[(2-Aminoethyl)sulfanyl]acetic... | 135 | C4H9NO2S | 003335-52-2 | 27 |
| 2 | Ethylvinyl sulfide | 88 | C4H8S | 000627-50-9 | 22 |
| 3 | 1,3-Oxathiane, 2,2,6-trimethyl- | 146 | C7H14OS | 030253-09-9 | 14 |
| 4 | 2,4-Pentandione, 1,1,1-trifluoro... | 227 | C6H8F3N3OS | 1000261-38-8 | 14 |
| 5 | 1,3-Oxathiane, 2-methyl-2-(1-met... | 160 | C8H16OS | 030098-81-8 | 14 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

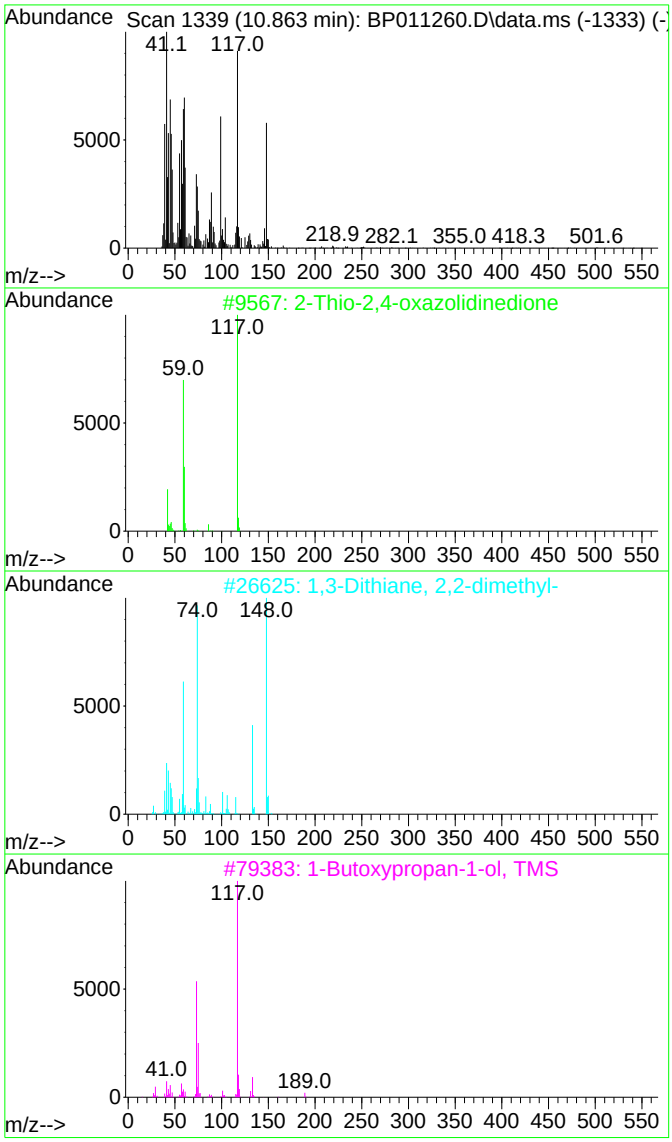
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

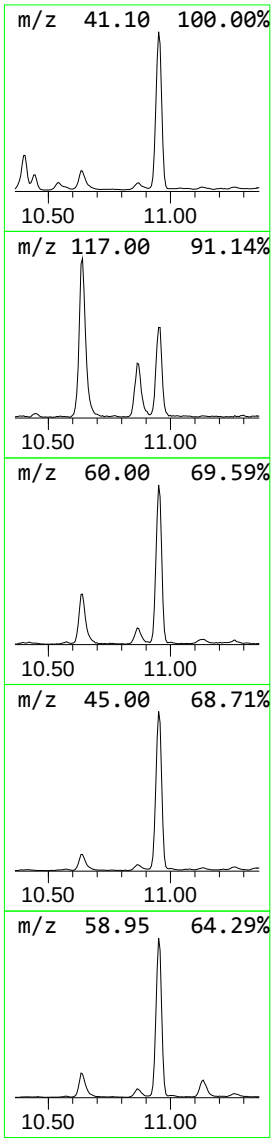
**********

Peak Number 19 unknown-06 Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.863 | 3.39 ng/ul | 436063 | Naphthalene-d8 | 10.393 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Thio-2,4-oxazolidinedione | 117 | C3H3NO2S | 002346-24-9 | 27 |
| 2 | 1,3-Dithiane, 2,2-dimethyl- | 148 | C6H12S2 | 006007-22-3 | 18 |
| 3 | 1-Butoxypropan-1-ol, TMS | 204 | C10H24O2Si | 1000498-24-5 | 14 |
| 4 | Indole | 117 | C8H7N | 000120-72-9 | 14 |
| 5 | 2,4-Disilapentane, 2,4-dimethyl- | 132 | C5H16Si2 | 018163-84-3 | 14 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

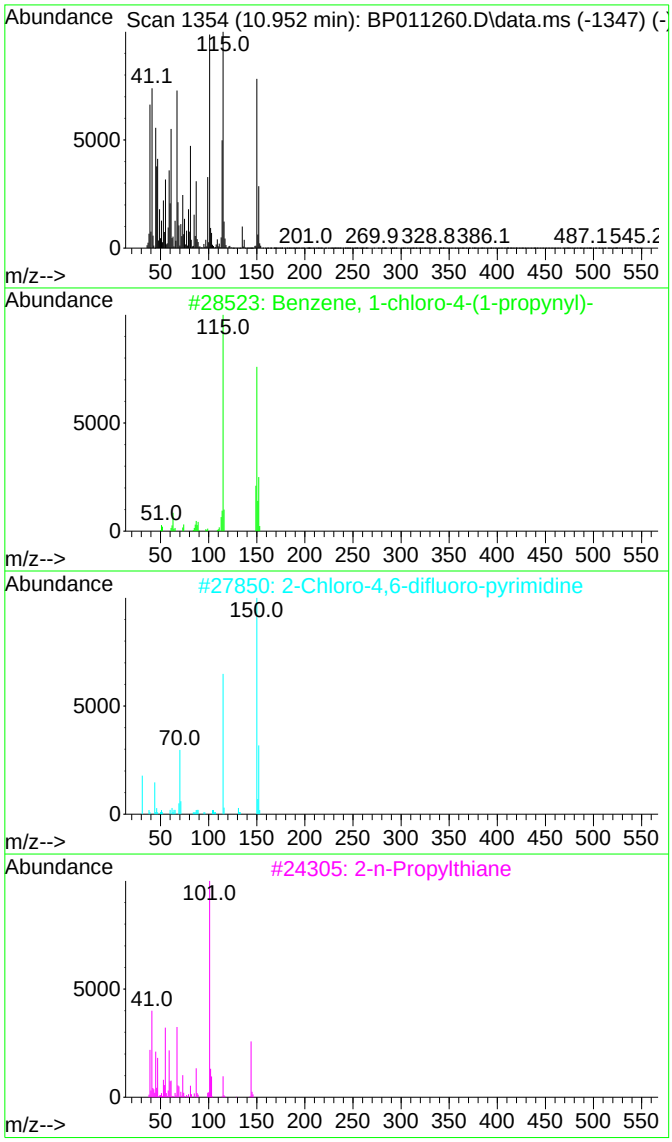
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

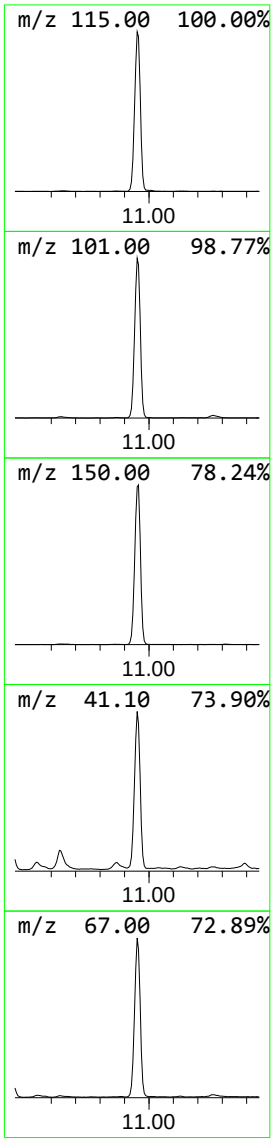
**********

Peak Number 20 unknown-07 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.951 | 79.86 ng/ul | 10265300 | Naphthalene-d8 | 10.393 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-chloro-4-(1-propynyl)- | 150 | C9H7Cl | 002809-65-6 | 43 |
| 2 | 2-Chloro-4,6-difluoro-pyrimidine | 150 | C4HClF2N2 | 038953-30-9 | 27 |
| 3 | 2-n-Propylthiane | 144 | C8H16S | 017912-23-1 | 22 |
| 4 | Silane, ethenylethoxydimethyl- | 130 | C6H14OSi | 005356-83-2 | 14 |
| 5 | Propanenitrile, 3-(methylthio)- | 101 | C4H7NS | 054974-63-9 | 14 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

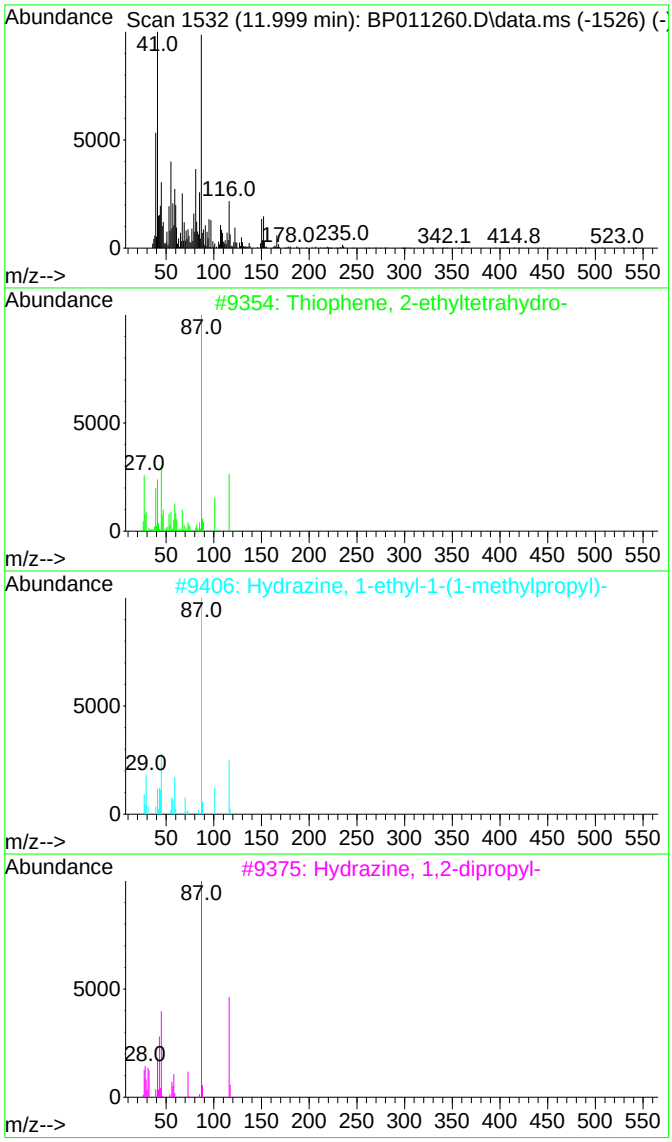
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

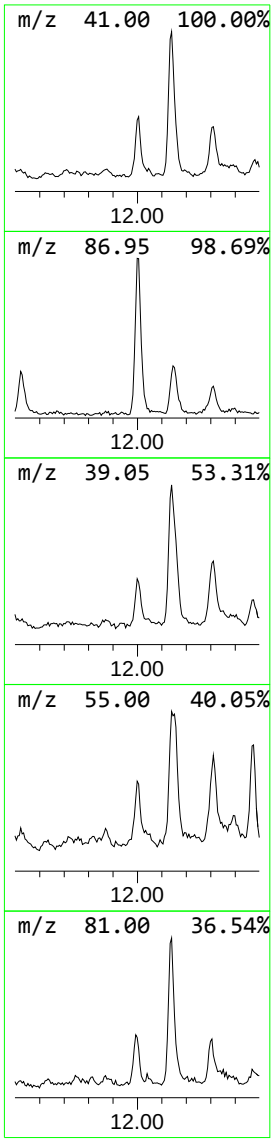
**********

Peak Number 21 unknown-08 Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.999 | 2.45 ng/ul | 315218 | Naphthalene-d8 | 10.393 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Thiophene, 2-ethyltetrahydro- | 116 | C6H12S | 001551-32-2 | 49 |
| 2 | Hydrazine, 1-ethyl-1-(1-methylpr... | 116 | C6H16N2 | 020325-97-7 | 43 |
| 3 | Hydrazine, 1,2-dipropyl- | 116 | C6H16N2 | 001615-83-4 | 38 |
| 4 | 1,3-Dioxane, 2-methyl- | 102 | C5H10O2 | 000626-68-6 | 35 |
| 5 | Ethane, isothiocyanato- | 87 | C3H5NS | 000542-85-8 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

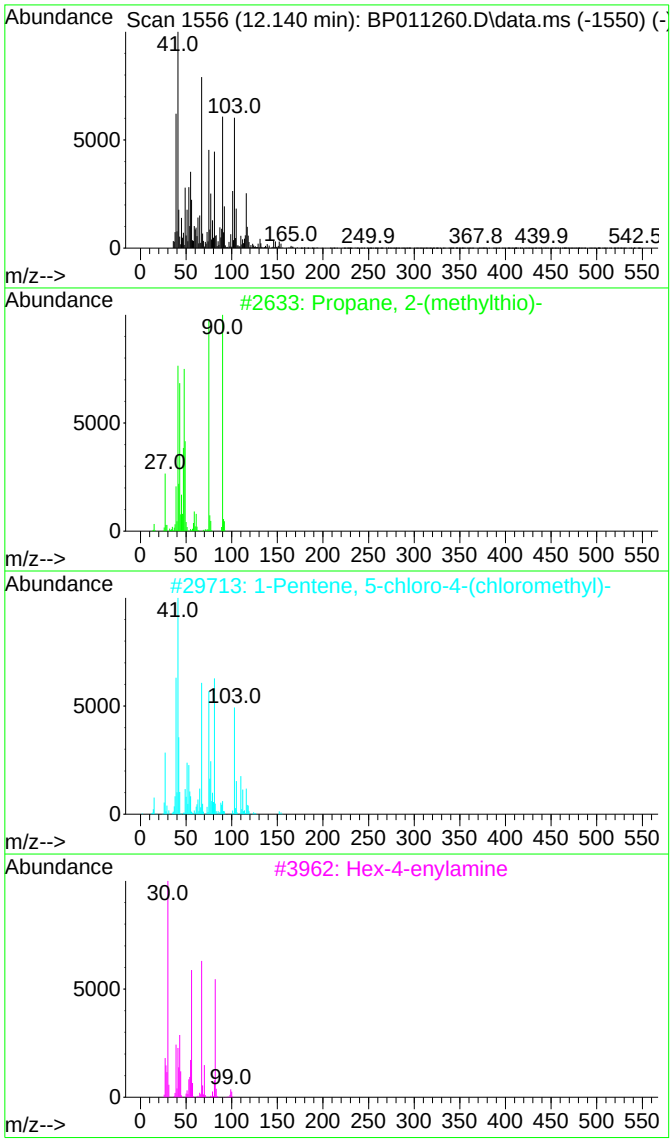
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

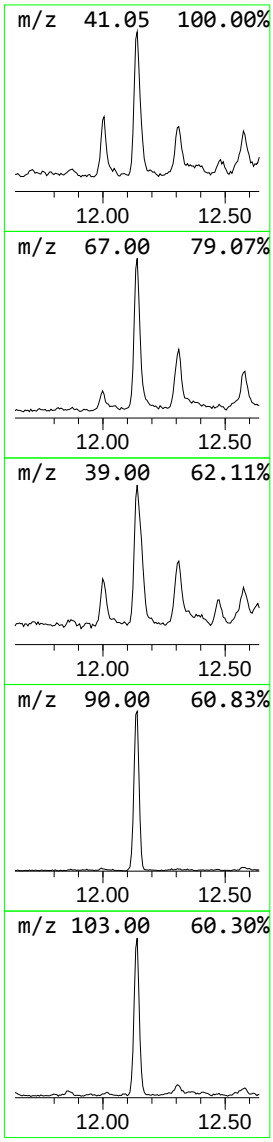
**********

Peak Number 22 unknown-09 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.140 | 7.64 ng/ul | 982326 | Naphthalene-d8 | 10.393 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propane, 2-(methylthio)- | 90 | C4H10S | 001551-21-9 | 25 |
| 2 | 1-Pentene, 5-chloro-4-(chloromet... | 152 | C6H10Cl2 | 027990-74-5 | 16 |
| 3 | Hex-4-enylamine | 99 | C6H13N | 055108-01-5 | 10 |
| 4 | 2-Propanethiol, 2-methyl- | 90 | C4H10S | 000075-66-1 | 9 |
| 5 | Acrolein, 2-chloro- | 90 | C3H3ClO | 000683-51-2 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

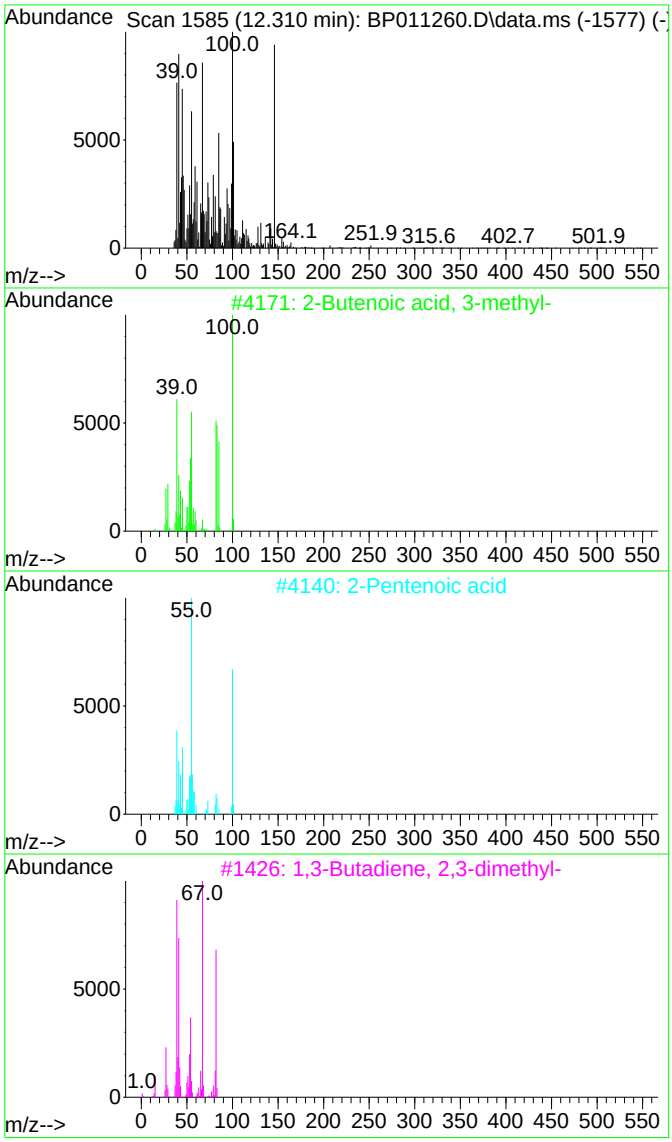
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

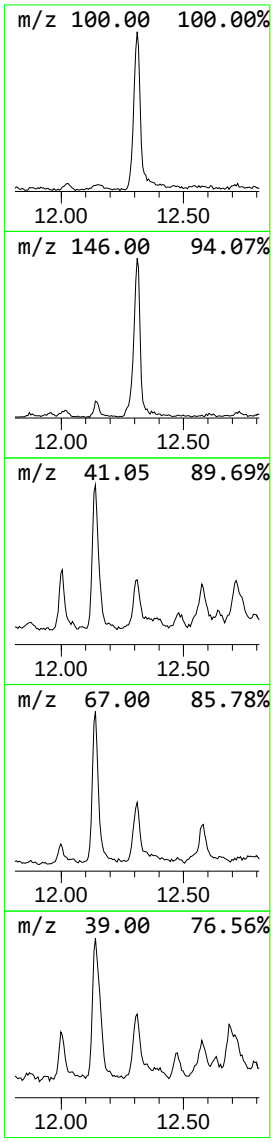
**********

Peak Number 23 unknown-10 Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.310 | 4.73 ng/ul | 607931 | Naphthalene-d8 | 10.393 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Butenoic acid, 3-methyl- | 100 | C5H8O2 | 000541-47-9 | 46 |
| 2 | 2-Pentenoic acid | 100 | C5H8O2 | 000626-98-2 | 43 |
| 3 | 1,3-Butadiene, 2,3-dimethyl- | 82 | C6H10 | 000513-81-5 | 43 |
| 4 | 1,4-Pentadiene, 2-methyl- | 82 | C6H10 | 000763-30-4 | 38 |
| 5 | Isopropenylcyclopropane | 82 | C6H10 | 004663-22-3 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

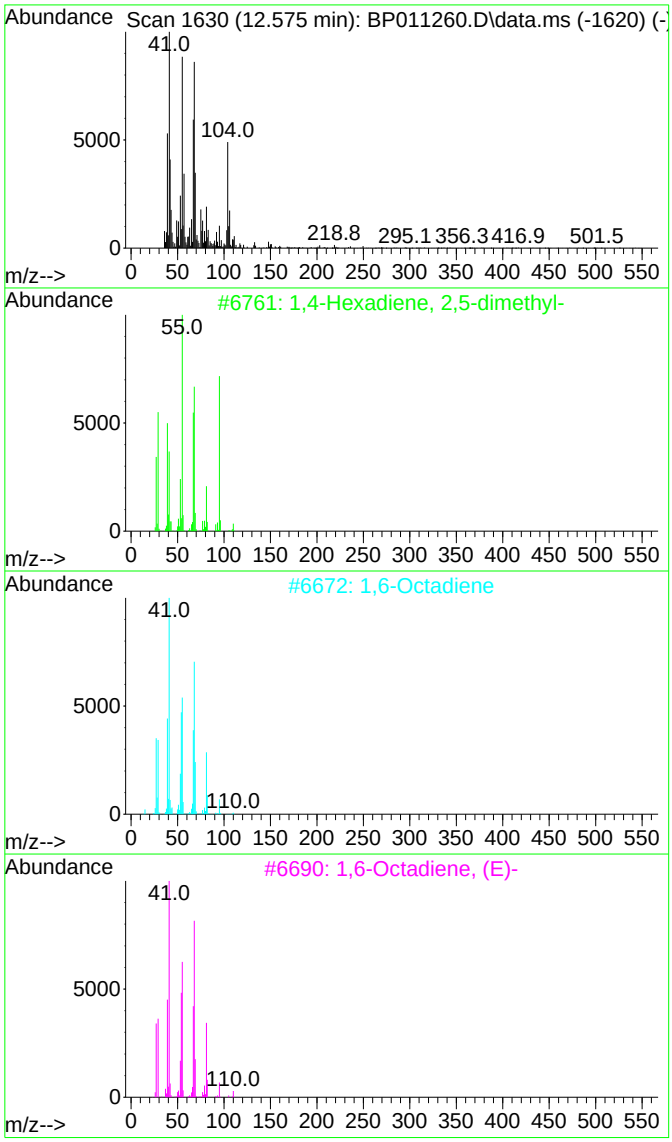
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

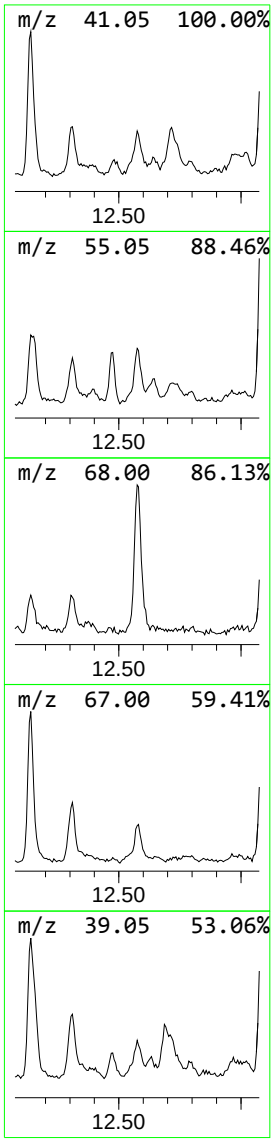
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 1,4-Hexadiene, 2,5-dimethyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.575 | 2.23 ng/ul | 344707 | Acenaphthene-d10 | 14.275 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Hexadiene, 2,5-dimethyl- | 110 | C8H14 | 000927-97-9 | 64 |
| 2 | 1,6-Octadiene | 110 | C8H14 | 003710-41-6 | 50 |
| 3 | 1,6-Octadiene, (E)- | 110 | C8H14 | 019036-81-8 | 50 |
| 4 | Cyclobutaneacetonitrile, 1-methy... | 149 | C10H15N | 055760-15-1 | 47 |
| 5 | Pentane, 1,5-dichloro- | 140 | C5H10Cl2 | 000628-76-2 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

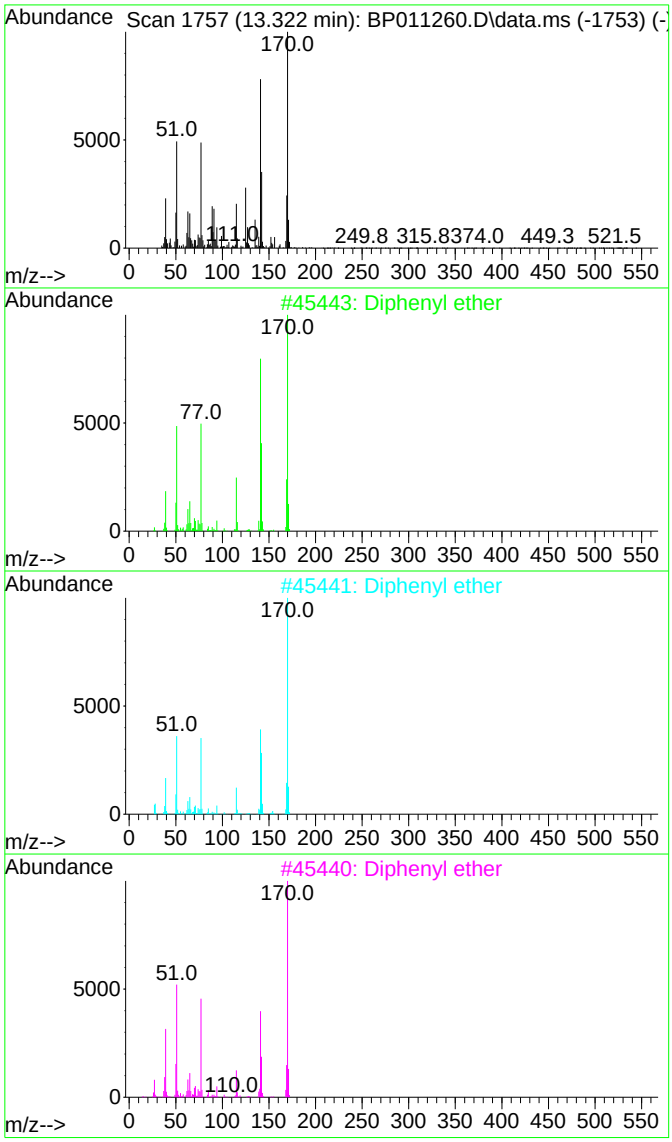
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

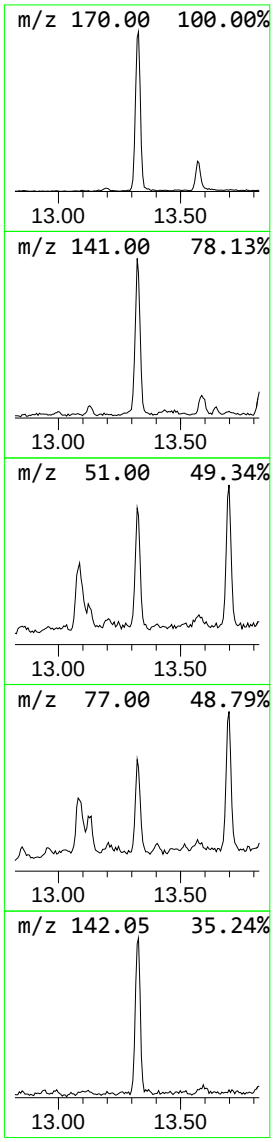
**********

Peak Number 25 Diphenyl ether Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.322 | 2.70 ng/ul | 417163 | Acenaphthene-d10 | 14.275 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diphenyl ether | 170 | C12H10O | 000101-84-8 | 94 |
| 2 | Diphenyl ether | 170 | C12H10O | 000101-84-8 | 70 |
| 3 | Diphenyl ether | 170 | C12H10O | 000101-84-8 | 70 |
| 4 | Diphenyl ether | 170 | C12H10O | 000101-84-8 | 60 |
| 5 | Diphenyl ether | 170 | C12H10O | 000101-84-8 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

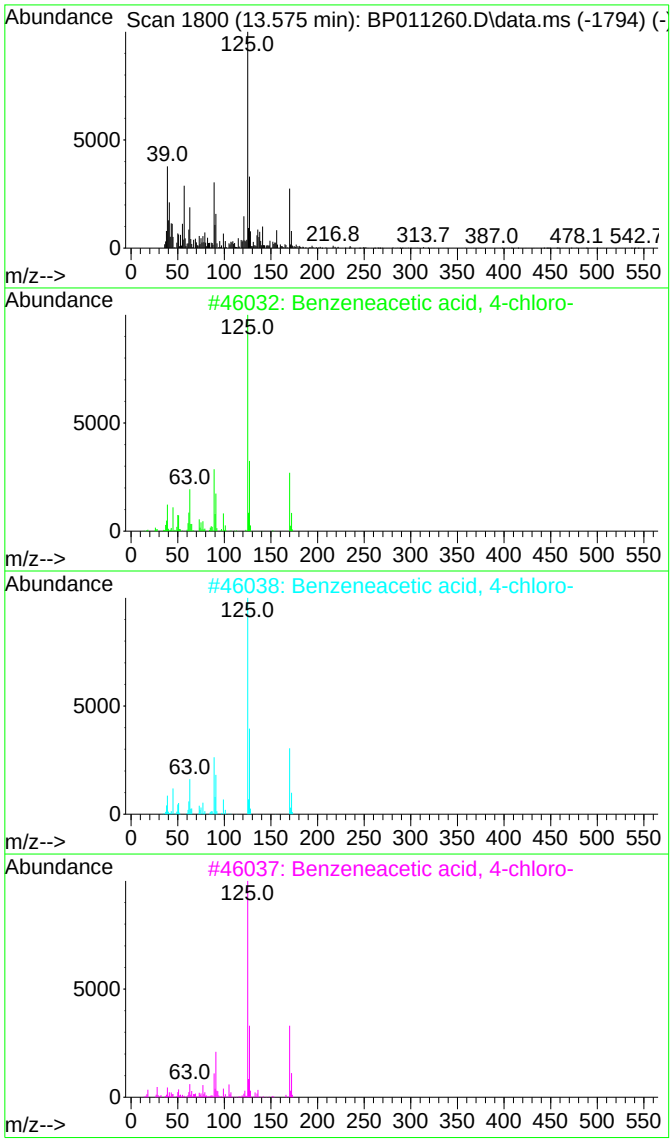
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

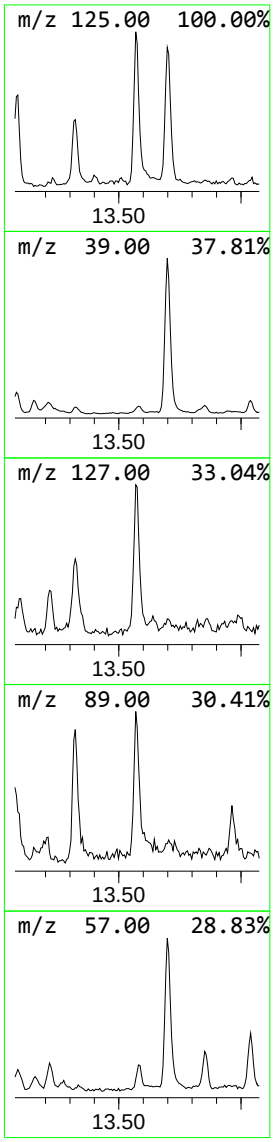
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 Benzeneacetic acid, 4-chloro- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.575 | 2.05 ng/ul | 317472 | Acenaphthene-d10 | 14.275 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzeneacetic acid, 4-chloro- | 170 | C8H7ClO2 | 001878-66-6 | 93 |
| 2 | Benzeneacetic acid, 4-chloro- | 170 | C8H7ClO2 | 001878-66-6 | 91 |
| 3 | Benzeneacetic acid, 4-chloro- | 170 | C8H7ClO2 | 001878-66-6 | 87 |
| 4 | Benzeneacetic acid, 4-chloro- | 170 | C8H7ClO2 | 001878-66-6 | 87 |
| 5 | (4-Chlorophenyl)-N-methylmethane... | 219 | C8H10ClNO2S | 085952-19-8 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

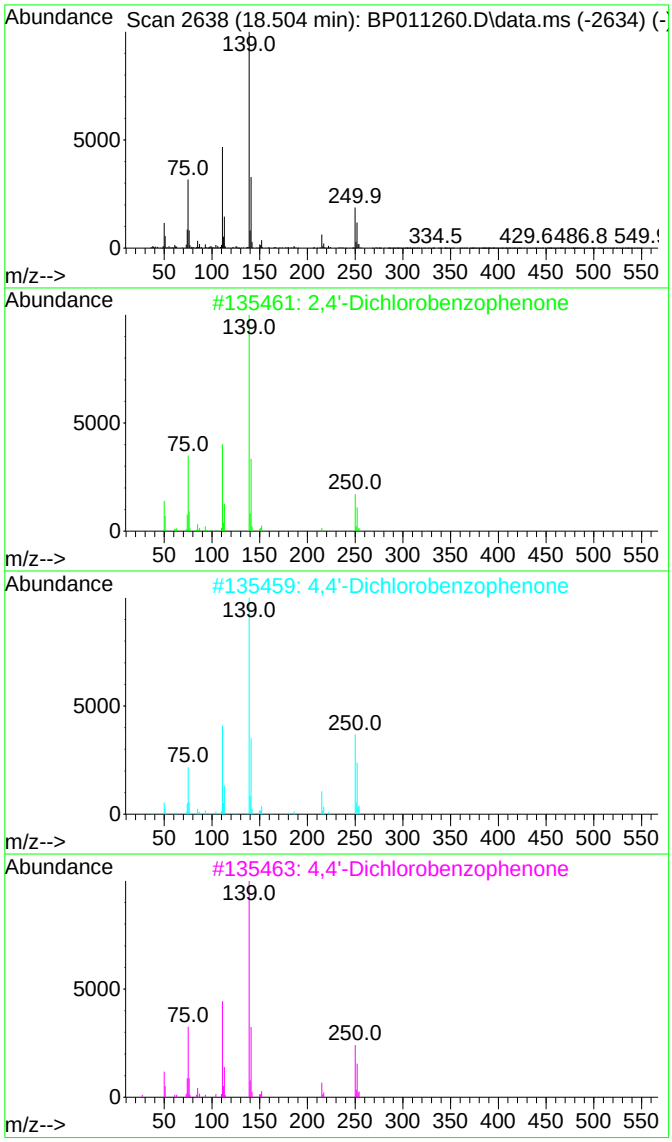
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

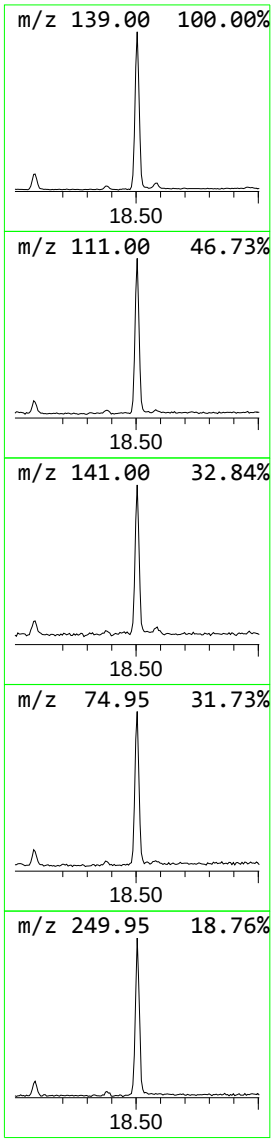
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 2,4'-Dichlorobenzophenone Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.504 | 3.11 ng/ul | 559781 | Phenanthrene-d10 | 17.045 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4'-Dichlorobenzophenone | 250 | C13H8Cl2O | 000085-29-0 | 99 |
| 2 | 4,4'-Dichlorobenzophenone | 250 | C13H8Cl2O | 000090-98-2 | 98 |
| 3 | 4,4'-Dichlorobenzophenone | 250 | C13H8Cl2O | 000090-98-2 | 98 |
| 4 | 4,4'-Dichlorobenzophenone | 250 | C13H8Cl2O | 000090-98-2 | 98 |
| 5 | 2,4'-Dichlorobenzophenone | 250 | C13H8Cl2O | 000085-29-0 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

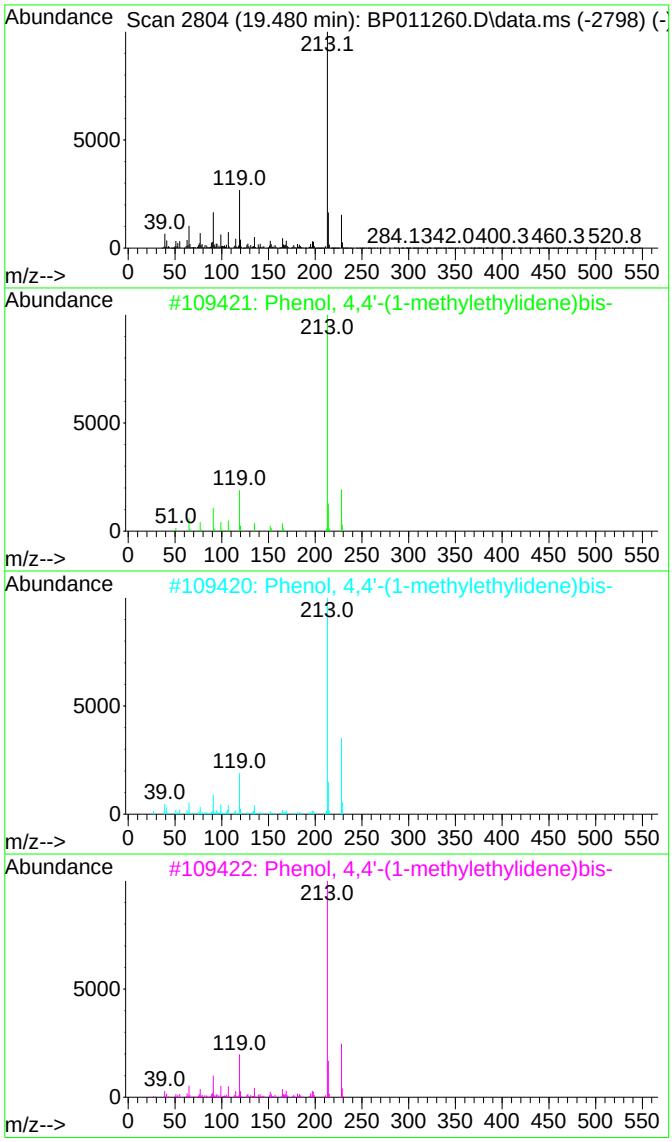
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

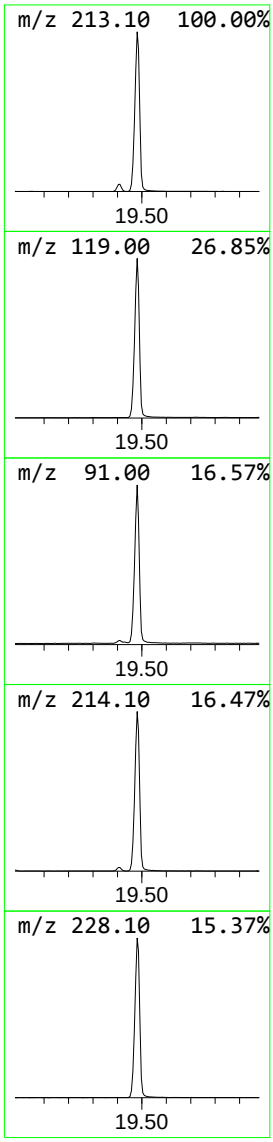
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 Phenol, 4,4'-(1-methylethyl... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.480 | 132.17 ng/ul | 25107500 | Chrysene-d12 | 21.174 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4,4'-(1-methylethylidene... | 228 | C15H16O2 | 000080-05-7 | 97 |
| 2 | Phenol, 4,4'-(1-methylethylidene... | 228 | C15H16O2 | 000080-05-7 | 93 |
| 3 | Phenol, 4,4'-(1-methylethylidene... | 228 | C15H16O2 | 000080-05-7 | 92 |
| 4 | Phenol, 4,4'-(1-methylethylidene... | 228 | C15H16O2 | 000080-05-7 | 90 |
| 5 | 4,4'-(1,3-Dimethylbutylidene)bis... | 270 | C18H22O2 | 006807-17-6 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
Data File : BP011260.D
Acq On : 04 Aug 2022 12:36
Operator : CG/JU
Sample : N3956-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
EXF07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Propane, 1,3-di... | 4.034 | 16.2 | ng/ul | 1211650 | 1 | 7.599 | 1493410 | 20.0 |
| Butane, 1-bromo- | 4.470 | 9.8 | ng/ul | 731930 | 1 | 7.599 | 1493410 | 20.0 |
| Oxepane | 4.628 | 6.9 | ng/ul | 518555 | 1 | 7.599 | 1493410 | 20.0 |
| Benzene, 1,3-di... | 5.617 | 3.0 | ng/ul | 225806 | 1 | 7.599 | 1493410 | 20.0 |
| 2H-Thiopyran, t... | 6.269 | 16.2 | ng/ul | 1207730 | 1 | 7.599 | 1493410 | 20.0 |
| Thiophene, 2-et... | 6.599 | 5.6 | ng/ul | 414901 | 1 | 7.599 | 1493410 | 20.0 |
| unknown-01 | 7.028 | 2.9 | ng/ul | 218222 | 1 | 7.599 | 1493410 | 20.0 |
| Thiepane | 7.681 | 13.4 | ng/ul | 1000940 | 1 | 7.599 | 1493410 | 20.0 |
| 4-Heptenal | 7.905 | 35.6 | ng/ul | 2661410 | 1 | 7.599 | 1493410 | 20.0 |
| unknown-02 | 7.999 | 2.3 | ng/ul | 168190 | 1 | 7.599 | 1493410 | 20.0 |
| 1,4-Dithiane | 8.581 | 2.1 | ng/ul | 160750 | 1 | 7.599 | 1493410 | 20.0 |
| Benzene, 1-brom... | 9.093 | 6.2 | ng/ul | 794429 | 2 | 10.393 | 2570770 | 20.0 |
| unknown-03 | 9.916 | 14.1 | ng/ul | 1812670 | 2 | 10.393 | 2570770 | 20.0 |
| unknown-04 | 10.446 | 7.0 | ng/ul | 893941 | 2 | 10.393 | 2570770 | 20.0 |
| unknown-05 | 10.640 | 8.7 | ng/ul | 1123140 | 2 | 10.393 | 2570770 | 20.0 |
| unknown-06 | 10.863 | 3.4 | ng/ul | 436063 | 2 | 10.393 | 2570770 | 20.0 |
| unknown-07 | 10.951 | 79.9 | ng/ul | 10265300 | 2 | 10.393 | 2570770 | 20.0 |
| unknown-08 | 11.999 | 2.5 | ng/ul | 315218 | 2 | 10.393 | 2570770 | 20.0 |
| unknown-09 | 12.140 | 7.6 | ng/ul | 982326 | 2 | 10.393 | 2570770 | 20.0 |
| unknown-10 | 12.310 | 4.7 | ng/ul | 607931 | 2 | 10.393 | 2570770 | 20.0 |
| 1,4-Hexadiene, ... | 12.575 | 2.2 | ng/ul | 344707 | 3 | 14.275 | 3091020 | 20.0 |
| Diphenyl ether | 13.322 | 2.7 | ng/ul | 417163 | 3 | 14.275 | 3091020 | 20.0 |
| Benzeneacetic a... | 13.575 | 2.0 | ng/ul | 317472 | 3 | 14.275 | 3091020 | 20.0 |
| 2,4'-Dichlorobe... | 18.504 | 3.1 | ng/ul | 559781 | 4 | 17.045 | 3598530 | 20.0 |
| Phenol, 4,4'-(1... | 19.480 | 132.2 | ng/ul | 25107500 | 5 | 21.174 | 3799360 | 20.0 |