LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

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-BP030723.M
Title : SVOA CALIBRATION

Signal : TIC: BP014206.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.411 | 35 | 38 | 40 | rBV | 36526 | 41708 | 1.03% | 0.071% |
| 2 | 3.446 | 40 | 44 | 52 | rVB | 230976 | 309371 | 7.66% | 0.530% |
| 3 | 3.846 | 109 | 112 | 126 | rBV | 308848 | 515335 | 12.77% | 0.883% |
| 4 | 4.170 | 163 | 167 | 174 | rVB | 14826 | 21681 | 0.54% | 0.037% |
| 5 | 4.293 | 185 | 188 | 194 | rVV4 | 8325 | 12060 | 0.30% | 0.021% |
| 6 | 4.628 | 237 | 245 | 253 | rBV | 157463 | 246042 | 6.10% | 0.422% |
| 7 | 5.764 | 434 | 438 | 445 | rBV | 31895 | 53399 | 1.32% | 0.092% |
| 8 | 5.958 | 465 | 471 | 477 | rBV3 | 14511 | 26110 | 0.65% | 0.045% |
| 9 | 6.111 | 493 | 497 | 501 | rVB3 | 7680 | 12782 | 0.32% | 0.022% |
| 10 | 6.305 | 525 | 530 | 536 | rVV | 16781 | 31253 | 0.77% | 0.054% |
| 11 | 6.622 | 580 | 584 | 591 | rBV4 | 18686 | 33301 | 0.82% | 0.057% |
| 12 | 7.205 | 675 | 683 | 694 | rBV2 | 115879 | 251769 | 6.24% | 0.432% |
| 13 | 7.363 | 704 | 710 | 724 | rBV | 493196 | 806496 | 19.98% | 1.383% |
| 14 | 7.575 | 739 | 746 | 755 | rBV | 399654 | 676346 | 16.75% | 1.159% |
| 15 | 7.699 | 763 | 767 | 775 | rVB10 | 14114 | 28951 | 0.72% | 0.050% |
| 16 | 7.893 | 795 | 800 | 804 | rBV7 | 8944 | 15489 | 0.38% | 0.027% |
| 17 | 8.040 | 814 | 825 | 833 | rBV | 751175 | 1219954 | 30.22% | 2.091% |
| 18 | 8.122 | 833 | 839 | 850 | rVB4 | 46922 | 118591 | 2.94% | 0.203% |
| 19 | 8.516 | 900 | 906 | 912 | rVB10 | 7813 | 19698 | 0.49% | 0.034% |
| 20 | 8.581 | 912 | 917 | 926 | rBV10 | 8606 | 19769 | 0.49% | 0.034% |
| 21 | 8.705 | 932 | 938 | 941 | rBV6 | 13068 | 26268 | 0.65% | 0.045% |
| 22 | 8.758 | 941 | 947 | 956 | rVV | 365294 | 636080 | 15.76% | 1.090% |
| 23 | 8.834 | 956 | 960 | 966 | rVB8 | 11242 | 22634 | 0.56% | 0.039% |
| 24 | 8.969 | 976 | 983 | 987 | rVB9 | 8895 | 18548 | 0.46% | 0.032% |
| 25 | 9.040 | 989 | 995 | 1004 | rBV | 177817 | 306903 | 7.60% | 0.526% |
| 26 | 9.152 | 1009 | 1014 | 1019 | rVV | 56592 | 82917 | 2.05% | 0.142% |
| 27 | 9.216 | 1019 | 1025 | 1033 | rBV | 626079 | 1027279 | 25.45% | 1.761% |
| 28 | 9.422 | 1055 | 1060 | 1066 | rVB9 | 24362 | 43632 | 1.08% | 0.075% |
| 29 | 9.569 | 1078 | 1085 | 1089 | rBV | 78433 | 144459 | 3.58% | 0.248% |
| 30 | 9.669 | 1097 | 1102 | 1112 | rVB3 | 34683 | 73301 | 1.82% | 0.126% |
| 31 | 9.799 | 1112 | 1124 | 1130 | rBV4 | 35844 | 72377 | 1.79% | 0.124% |
| 32 | 9.857 | 1130 | 1134 | 1138 | rVV6 | 13814 | 23827 | 0.59% | 0.041% |
| 33 | 9.940 | 1142 | 1148 | 1160 | rVB | 425959 | 732822 | 18.15% | 1.256% |
| 34 | 10.046 | 1161 | 1166 | 1167 | rBV5 | 19155 | 28063 | 0.70% | 0.048% |
| 35 | 10.075 | 1167 | 1171 | 1177 | rVV4 | 41520 | 77774 | 1.93% | 0.133% |
| 36 | 10.163 | 1181 | 1186 | 1192 | rVB7 | 18913 | 39979 | 0.99% | 0.069% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

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-BP030723.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.346 | 1212 | 1217 | 1219 | rBV3 | 22853 | 36013 | 0.89% | 0.062% |
| 38 | 10.393 | 1219 | 1225 | 1226 | rBV4 | 68093 | 120343 | 2.98% | 0.206% |
| 39 | 10.487 | 1234 | 1241 | 1250 | rBV | 646815 | 1182202 | 29.29% | 2.027% |
| 40 | 10.634 | 1261 | 1266 | 1268 | rBV6 | 16878 | 28231 | 0.70% | 0.048% |
| 41 | 10.799 | 1288 | 1294 | 1299 | rBV | 102941 | 186395 | 4.62% | 0.320% |
| 42 | 10.863 | 1299 | 1305 | 1312 | rVB | 1064293 | 1741296 | 43.14% | 2.985% |
| 43 | 11.004 | 1322 | 1329 | 1343 | rBV | 705470 | 1283542 | 31.80% | 2.200% |
| 44 | 11.116 | 1344 | 1348 | 1351 | rVV3 | 21397 | 30823 | 0.76% | 0.053% |
| 45 | 11.163 | 1352 | 1356 | 1362 | rVB3 | 40648 | 65788 | 1.63% | 0.113% |
| 46 | 11.446 | 1402 | 1404 | 1413 | rVB9 | 20979 | 39786 | 0.99% | 0.068% |
| 47 | 11.516 | 1414 | 1416 | 1422 | rVB6 | 10501 | 15937 | 0.39% | 0.027% |
| 48 | 11.651 | 1433 | 1439 | 1441 | rBV4 | 28737 | 51073 | 1.27% | 0.088% |
| 49 | 12.063 | 1505 | 1509 | 1515 | rBV4 | 31092 | 49114 | 1.22% | 0.084% |
| 50 | 12.193 | 1524 | 1531 | 1537 | rBV2 | 183600 | 331813 | 8.22% | 0.569% |
| 51 | 12.251 | 1539 | 1541 | 1546 | rVB6 | 21835 | 31446 | 0.78% | 0.054% |
| 52 | 12.363 | 1553 | 1560 | 1569 | rBV3 | 72314 | 192740 | 4.77% | 0.330% |
| 53 | 12.575 | 1592 | 1596 | 1600 | rBV3 | 27311 | 39675 | 0.98% | 0.068% |
| 54 | 12.622 | 1602 | 1604 | 1610 | rVB7 | 13796 | 18921 | 0.47% | 0.032% |
| 55 | 12.734 | 1620 | 1623 | 1627 | rBV5 | 17581 | 23704 | 0.59% | 0.041% |
| 56 | 12.846 | 1638 | 1642 | 1648 | rVB3 | 56394 | 91909 | 2.28% | 0.158% |
| 57 | 12.946 | 1654 | 1659 | 1665 | rVB8 | 32335 | 61362 | 1.52% | 0.105% |
| 58 | 13.140 | 1688 | 1692 | 1694 | rBV4 | 17278 | 25635 | 0.64% | 0.044% |
| 59 | 13.269 | 1711 | 1714 | 1715 | rBV3 | 19591 | 22371 | 0.55% | 0.038% |
| 60 | 13.410 | 1736 | 1738 | 1741 | rBV4 | 17791 | 22470 | 0.56% | 0.039% |
| 61 | 13.487 | 1747 | 1751 | 1757 | rBV4 | 45170 | 76833 | 1.90% | 0.132% |
| 62 | 13.563 | 1760 | 1764 | 1769 | rVB2 | 63585 | 97929 | 2.43% | 0.168% |
| 63 | 13.734 | 1789 | 1793 | 1801 | rVB5 | 44157 | 87338 | 2.16% | 0.150% |
| 64 | 14.087 | 1847 | 1853 | 1860 | rVB | 1665976 | 2331748 | 57.76% | 3.997% |
| 65 | 14.375 | 1896 | 1902 | 1908 | rBV | 1608296 | 2434323 | 60.30% | 4.173% |
| 66 | 14.487 | 1918 | 1921 | 1929 | rBV2 | 76009 | 121554 | 3.01% | 0.208% |
| 67 | 14.604 | 1936 | 1941 | 1946 | rBV | 273221 | 372476 | 9.23% | 0.639% |
| 68 | 14.681 | 1948 | 1954 | 1962 | rBV | 1691395 | 2503603 | 62.02% | 4.292% |
| 69 | 14.916 | 1991 | 1994 | 1997 | rBV2 | 58118 | 91664 | 2.27% | 0.157% |
| 70 | 15.092 | 2021 | 2024 | 2030 | rVB4 | 41854 | 52178 | 1.29% | 0.089% |
| 71 | 15.416 | 2074 | 2079 | 2089 | rBV | 474020 | 773265 | 19.16% | 1.326% |
| 72 | 15.504 | 2091 | 2094 | 2098 | rVB2 | 96092 | 123631 | 3.06% | 0.212% |
| 73 | 15.675 | 2117 | 2123 | 2129 | rBV | 2218399 | 3069907 | 76.05% | 5.263% |
| 74 | 15.798 | 2139 | 2144 | 2149 | rBV | 403363 | 603329 | 14.95% | 1.034% |
| 75 | 15.887 | 2156 | 2159 | 2162 | rBV | 43336 | 51285 | 1.27% | 0.088% |
| 76 | 15.928 | 2162 | 2166 | 2174 | rVB4 | 112745 | 209682 | 5.19% | 0.359% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CB939

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-BP030723.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 16.039 | 2180 | 2185 | 2195 | rVB | 483152 | 744951 | 18.45% | 1.277% |
| 78 | 16.192 | 2205 | 2211 | 2225 | rVB | 1366286 | 1889603 | 46.81% | 3.239% |
| 79 | 16.339 | 2233 | 2236 | 2238 | rBV2 | 41731 | 56743 | 1.41% | 0.097% |
| 80 | 16.369 | 2238 | 2241 | 2249 | rVB2 | 140061 | 254637 | 6.31% | 0.437% |
| 81 | 16.522 | 2264 | 2267 | 2270 | rVB | 59382 | 71140 | 1.76% | 0.122% |
| 82 | 16.704 | 2293 | 2298 | 2302 | rBV | 702793 | 952720 | 23.60% | 1.633% |
| 83 | 16.822 | 2314 | 2318 | 2326 | rBV4 | 94036 | 187511 | 4.65% | 0.321% |
| 84 | 16.963 | 2340 | 2342 | 2354 | rVB | 116404 | 181077 | 4.49% | 0.310% |
| 85 | 17.163 | 2374 | 2376 | 2380 | rVB | 75605 | 78153 | 1.94% | 0.134% |
| 86 | 17.439 | 2417 | 2423 | 2428 | rBV | 2125296 | 3093903 | 76.64% | 5.304% |
| 87 | 17.534 | 2434 | 2439 | 2446 | rVB | 2359921 | 3419828 | 84.72% | 5.862% |
| 88 | 18.181 | 2545 | 2549 | 2554 | rBV2 | 146158 | 306064 | 7.58% | 0.525% |
| 89 | 18.298 | 2565 | 2569 | 2578 | rBV | 1543412 | 2175540 | 53.89% | 3.729% |
| 90 | 18.698 | 2634 | 2637 | 2643 | rVB2 | 172948 | 212662 | 5.27% | 0.365% |
| 91 | 19.057 | 2695 | 2698 | 2703 | rVB | 181650 | 240334 | 5.95% | 0.412% |
| 92 | 19.410 | 2755 | 2758 | 2764 | rVB3 | 127241 | 170389 | 4.22% | 0.292% |
| 93 | 19.522 | 2774 | 2777 | 2789 | rVB | 313307 | 468677 | 11.61% | 0.803% |
| 94 | 19.757 | 2812 | 2817 | 2821 | rBV | 2965327 | 4036718 | 100.00% | 6.920% |
| 95 | 19.798 | 2821 | 2824 | 2831 | rVB | 759821 | 966874 | 23.95% | 1.657% |
| 96 | 21.186 | 3056 | 3060 | 3071 | rBV | 1913884 | 2352092 | 58.27% | 4.032% |
| 97 | 21.516 | 3111 | 3116 | 3122 | rBV | 2439380 | 3194923 | 79.15% | 5.477% |
| 98 | 22.780 | 3327 | 3331 | 3336 | rVB | 683761 | 955093 | 23.66% | 1.637% |
| 99 | 23.863 | 3509 | 3515 | 3524 | rVB2 | 1538652 | 3132187 | 77.59% | 5.369% |
| 100 | 24.033 | 3537 | 3544 | 3553 | rVB2 | 1250575 | 2683324 | 66.47% | 4.600% |

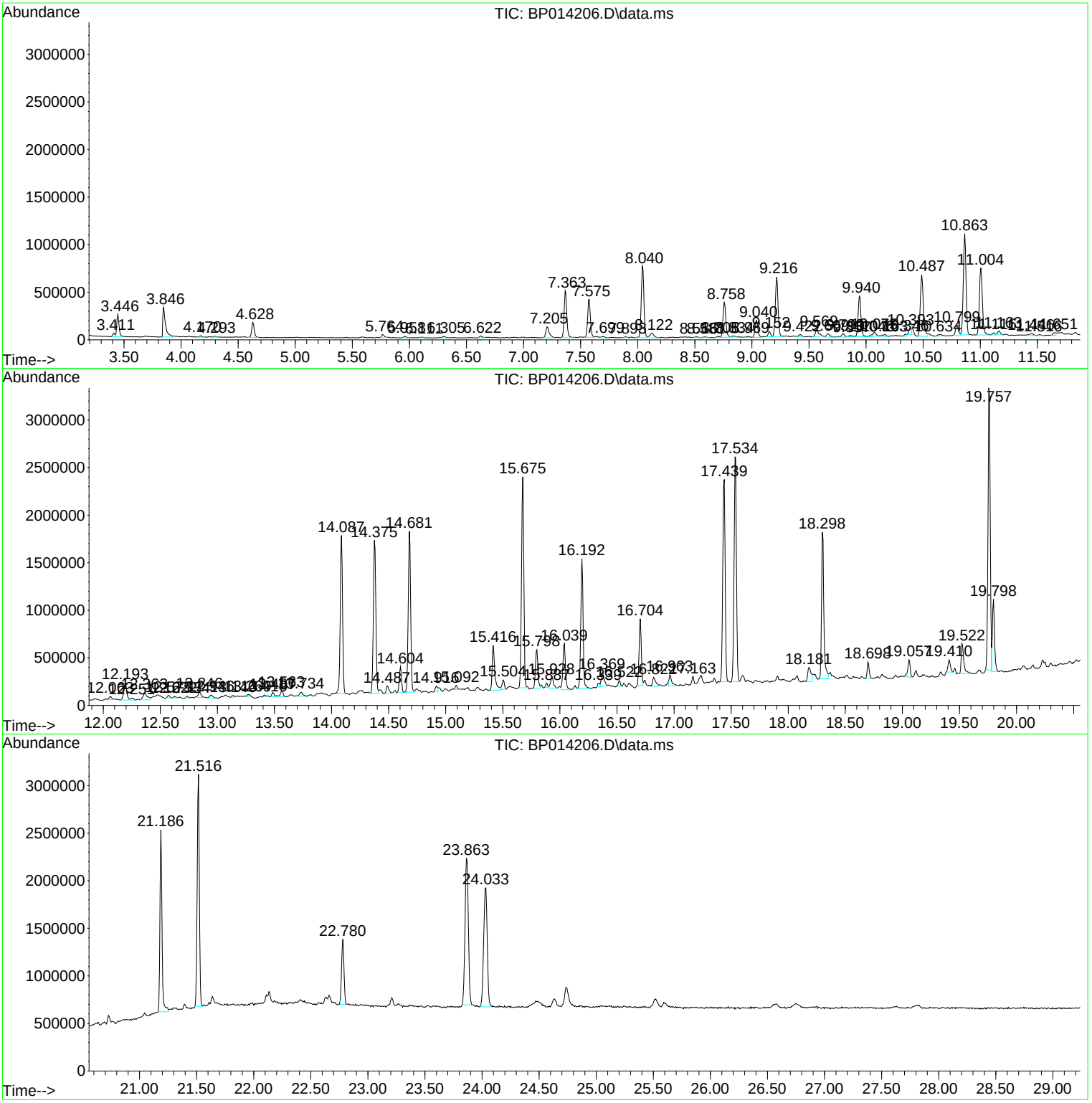
Sum of corrected areas: 58335445

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

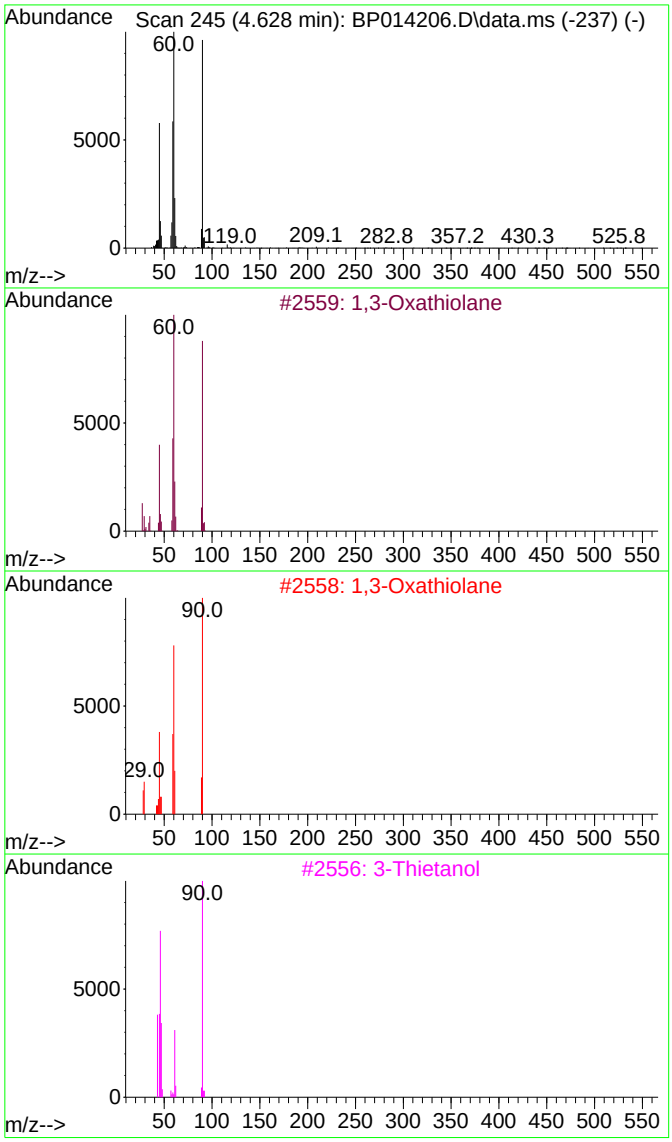
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

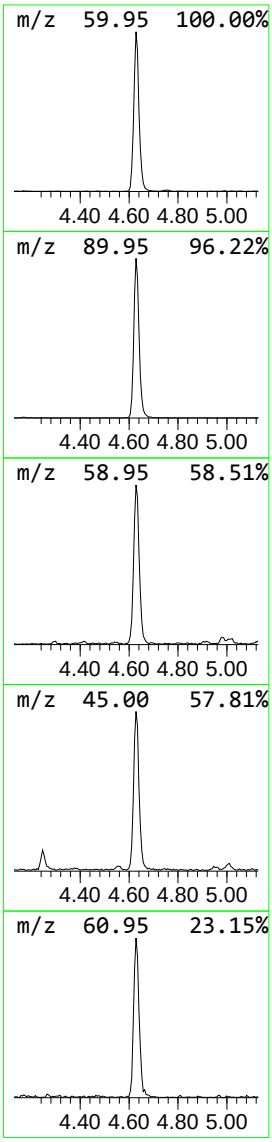
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 1,3-Oxathiolane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.628 | 4.03 ng/ul | 246042 | 1,4-Dichlorobenzene-d4 | 8.040 |

| 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 | 64 |
| 3 | 3-Thietanol | 90 | C3H6OS | 010304-16-2 | 50 |
| 4 | Hydrazinecarboxylic acid, methyl... | 90 | C2H6N2O2 | 006294-89-9 | 45 |
| 5 | Thiourea, methyl- | 90 | C2H6N2S | 000598-52-7 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

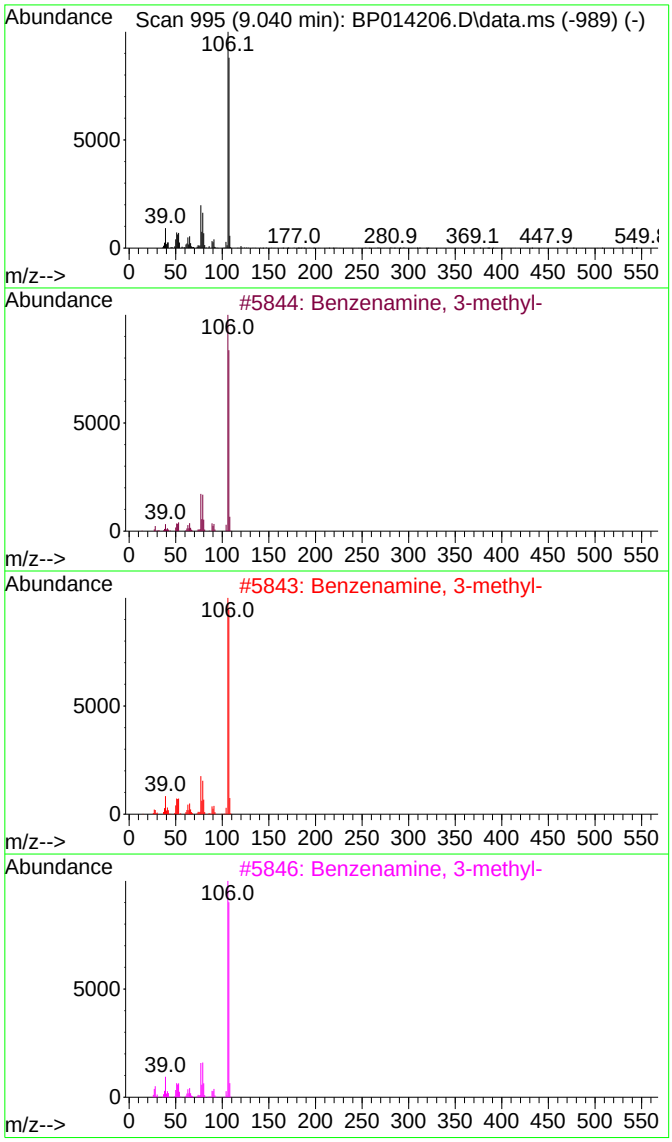
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

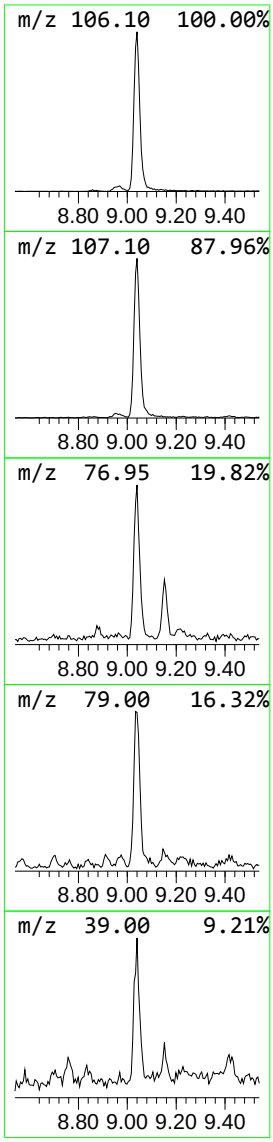
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzenamine, 3-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.040 | 5.03 ng/ul | 306903 | 1,4-Dichlorobenzene-d4 | 8.040 |

| 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 | 96 |
| 5 | p-Aminotoluene | 107 | C7H9N | 000106-49-0 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

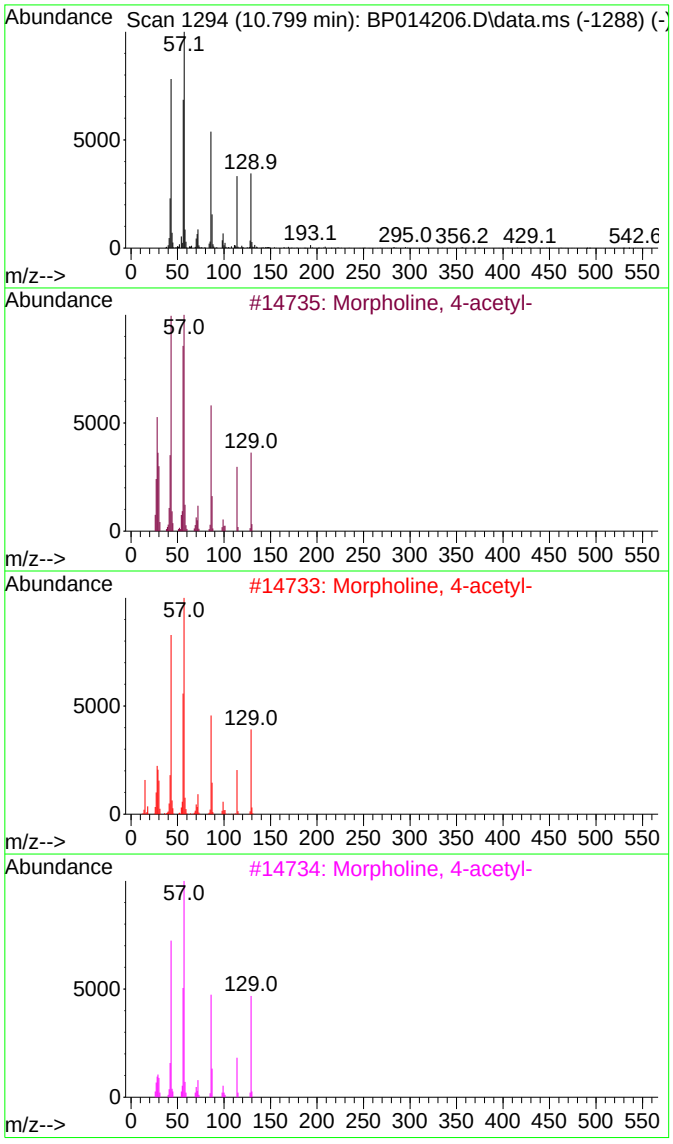
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

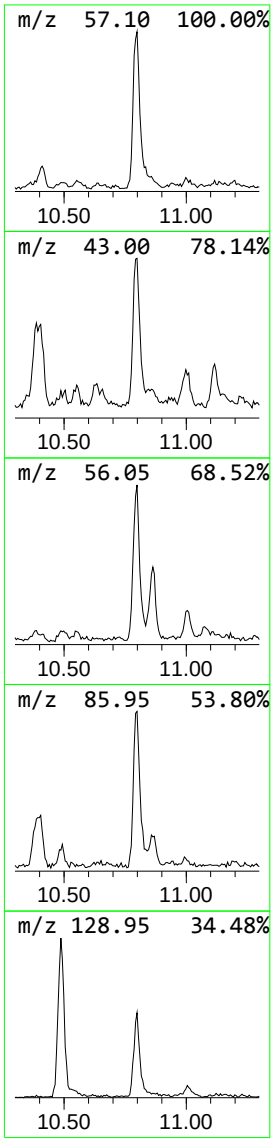
**********

Peak Number 3 Morpholine, 4-acetyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.799 | 2.14 ng/ul | 186395 | Naphthalene-d8 | 10.863 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Morpholine, 4-acetyl- | 129 | C6H11NO2 | 001696-20-4 | 93 |
| 2 | Morpholine, 4-acetyl- | 129 | C6H11NO2 | 001696-20-4 | 90 |
| 3 | Morpholine, 4-acetyl- | 129 | C6H11NO2 | 001696-20-4 | 83 |
| 4 | 1,3,5-Triazine-1,3,5(2H,4H,6H)-t... | 219 | C9H21N3O3 | 004719-04-4 | 47 |
| 5 | n-Hexane | 86 | C6H14 | 000110-54-3 | 40 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

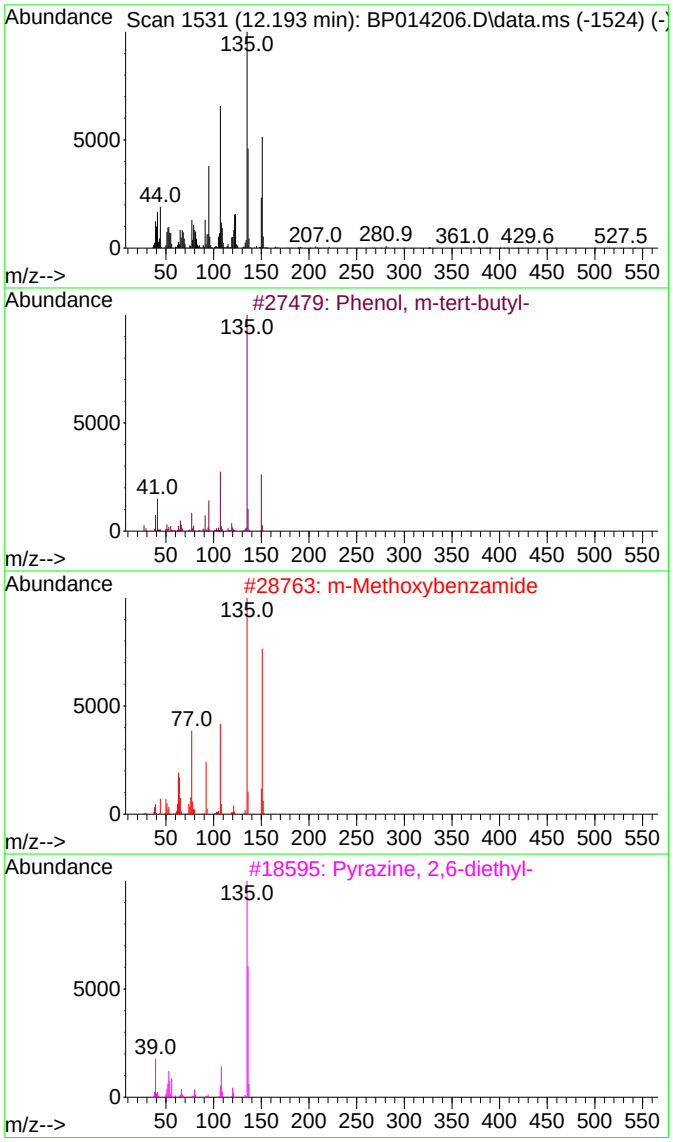
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

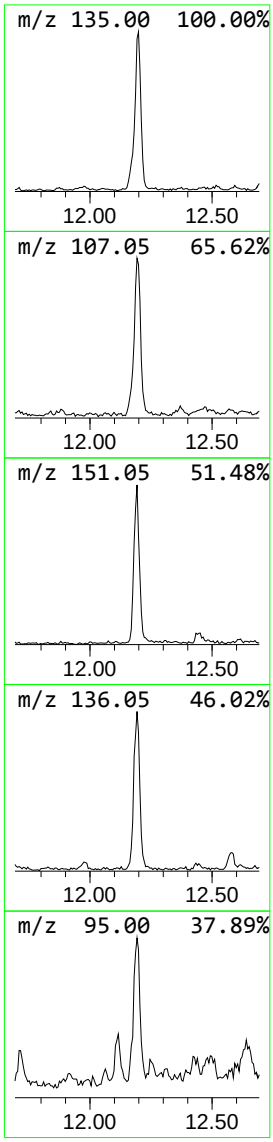
**********

Peak Number 4 unknown-01 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.193 | 3.81 ng/ul | 331813 | Naphthalene-d8 | 10.863 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 49 |
| 2 | m-Methoxybenzamide | 151 | C8H9NO2 | 005813-86-5 | 46 |
| 3 | Pyrazine, 2,6-diethyl- | 136 | C8H12N2 | 013067-27-1 | 45 |
| 4 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 43 |
| 5 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

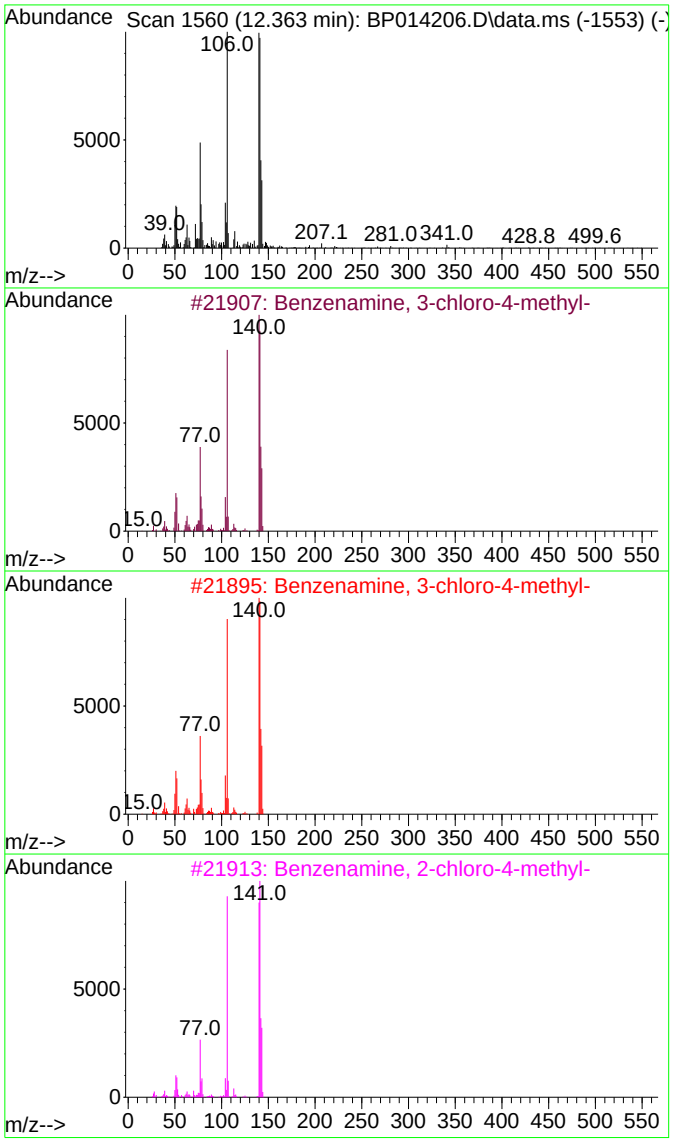
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

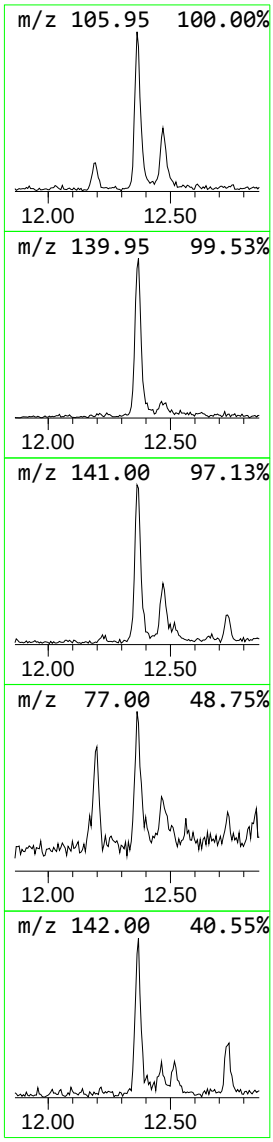
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzenamine, 3-chloro-4-met... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.363 | 2.21 ng/ul | 192740 | Naphthalene-d8 | 10.863 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenamine, 3-chloro-4-methyl- | 141 | C7H8ClN | 000095-74-9 | 98 |
| 2 | Benzenamine, 3-chloro-4-methyl- | 141 | C7H8ClN | 000095-74-9 | 98 |
| 3 | Benzenamine, 2-chloro-4-methyl- | 141 | C7H8ClN | 000615-65-6 | 94 |
| 4 | Benzenamine, 3-chloro-4-methyl- | 141 | C7H8ClN | 000095-74-9 | 93 |
| 5 | Benzenamine, 2-chloro-4-methyl- | 141 | C7H8ClN | 000615-65-6 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

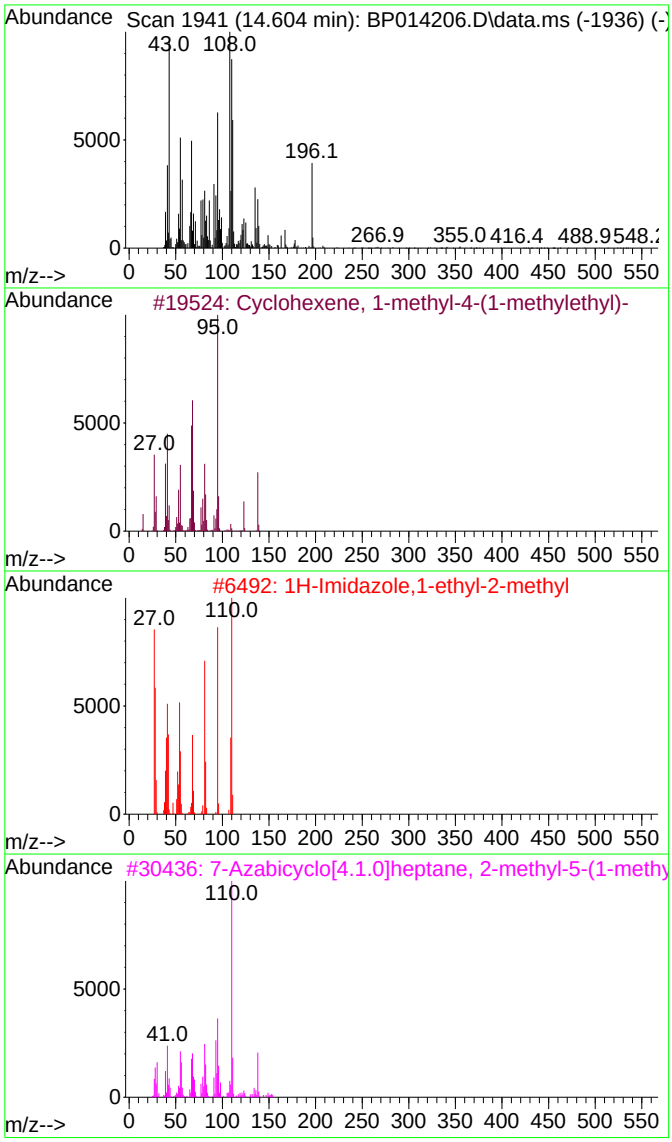
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

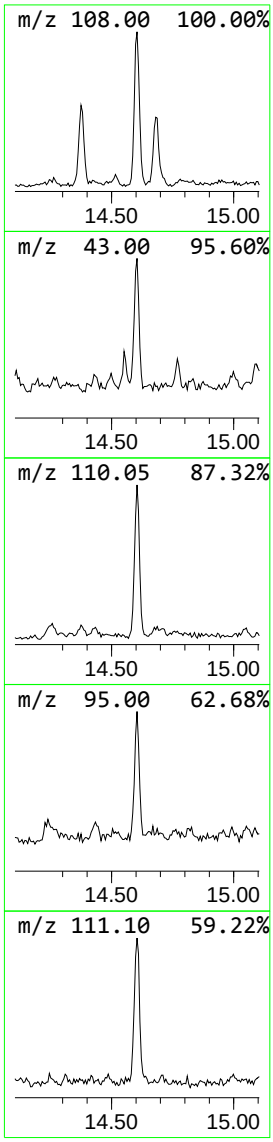
**********

Peak Number 6 unknown-02 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.604 | 2.98 ng/ul | 372476 | Acenaphthene-d10 | 14.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene, 1-methyl-4-(1-methy... | 138 | C10H18 | 005502-88-5 | 25 |
| 2 | 1H-Imidazole,1-ethyl-2-methyl | 110 | C6H10N2 | 021202-52-8 | 22 |
| 3 | 7-Azabicyclo[4.1.0]heptane, 2-me... | 153 | C10H19N | 055854-39-2 | 18 |
| 4 | 3-Cyclohexen-1-carboxaldehyde, 3... | 138 | C9H14O | 1000131-99-4 | 15 |
| 5 | Phenol, 4-ethoxy- | 138 | C8H10O2 | 000622-62-8 | 14 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

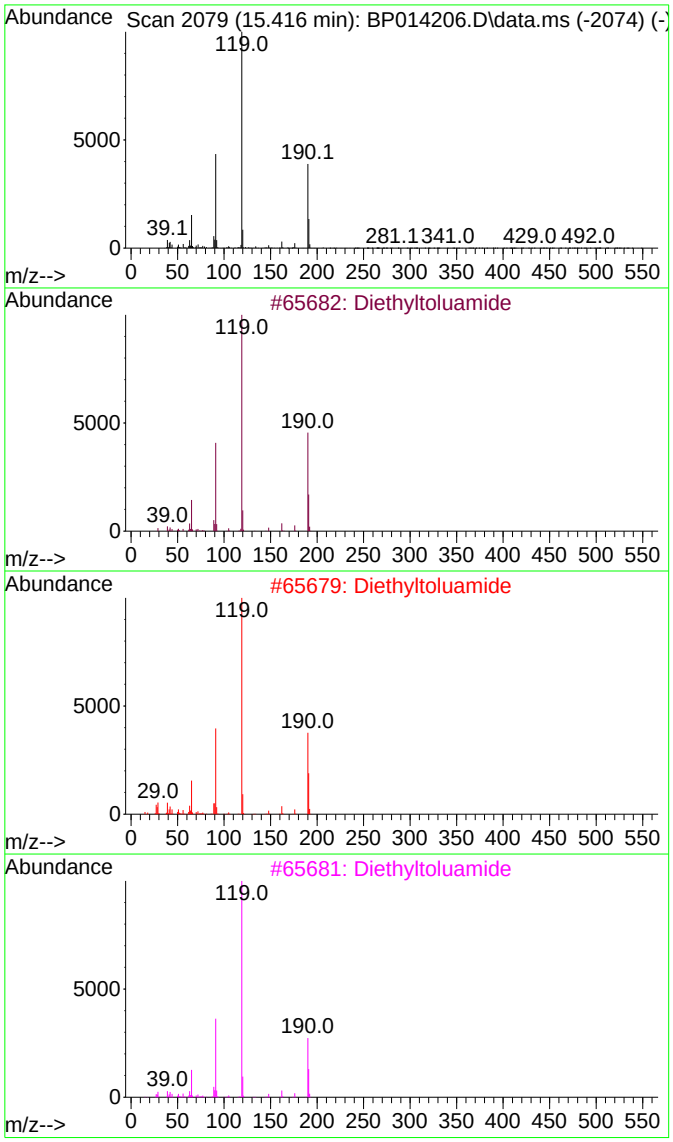
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

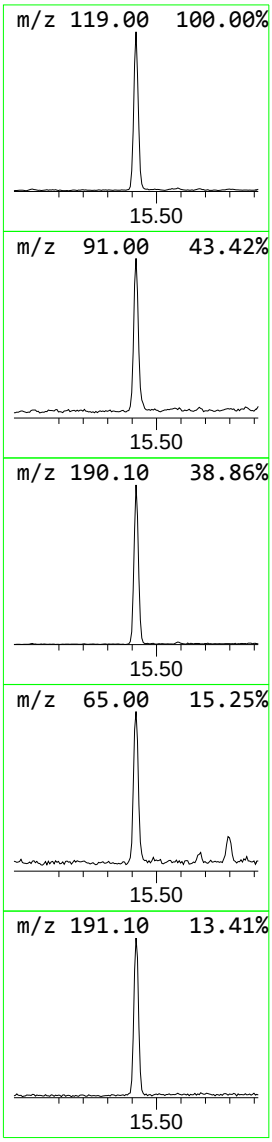
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Diethyltoluamide Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.416 | 6.18 ng/ul | 773265 | Acenaphthene-d10 | 14.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diethyltoluamide | 191 | C12H17NO | 000134-62-3 | 97 |
| 2 | Diethyltoluamide | 191 | C12H17NO | 000134-62-3 | 95 |
| 3 | Diethyltoluamide | 191 | C12H17NO | 000134-62-3 | 95 |
| 4 | Benzamide, 3-methyl-N-methyl-N-p... | 191 | C12H17NO | 1000421-46-2 | 81 |
| 5 | Benzamide, 3-methyl-N-butyl- | 191 | C12H17NO | 1000407-41-1 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

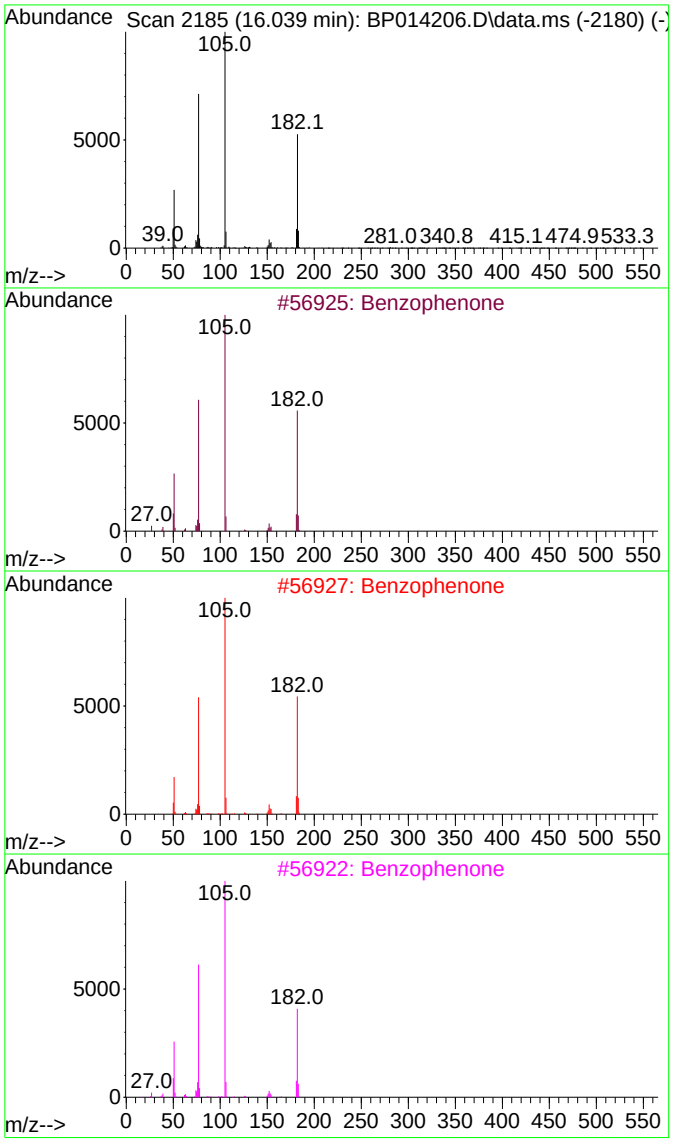
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

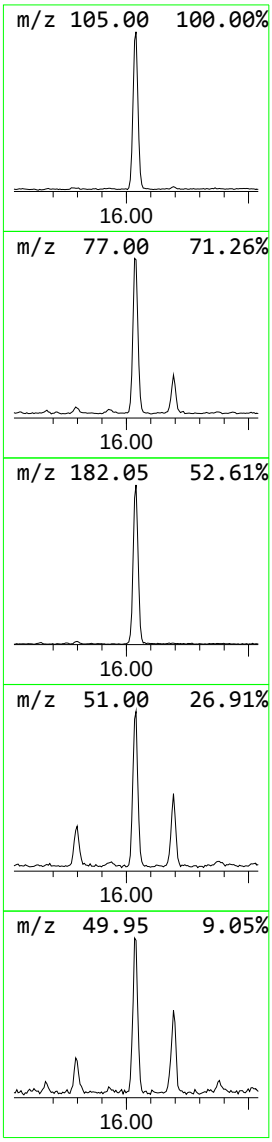
**********

Peak Number 8 Benzophenone Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.040 | 5.95 ng/ul | 744951 | Acenaphthene-d10 | 14.681 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzophenone | 182 | C13H10O | 000119-61-9 | 95 |
| 3 | Benzophenone | 182 | C13H10O | 000119-61-9 | 94 |
| 4 | Benzophenone | 182 | C13H10O | 000119-61-9 | 90 |
| 5 | Methanone, phenyl-2-pyridinyl- | 183 | C12H9NO | 000091-02-1 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

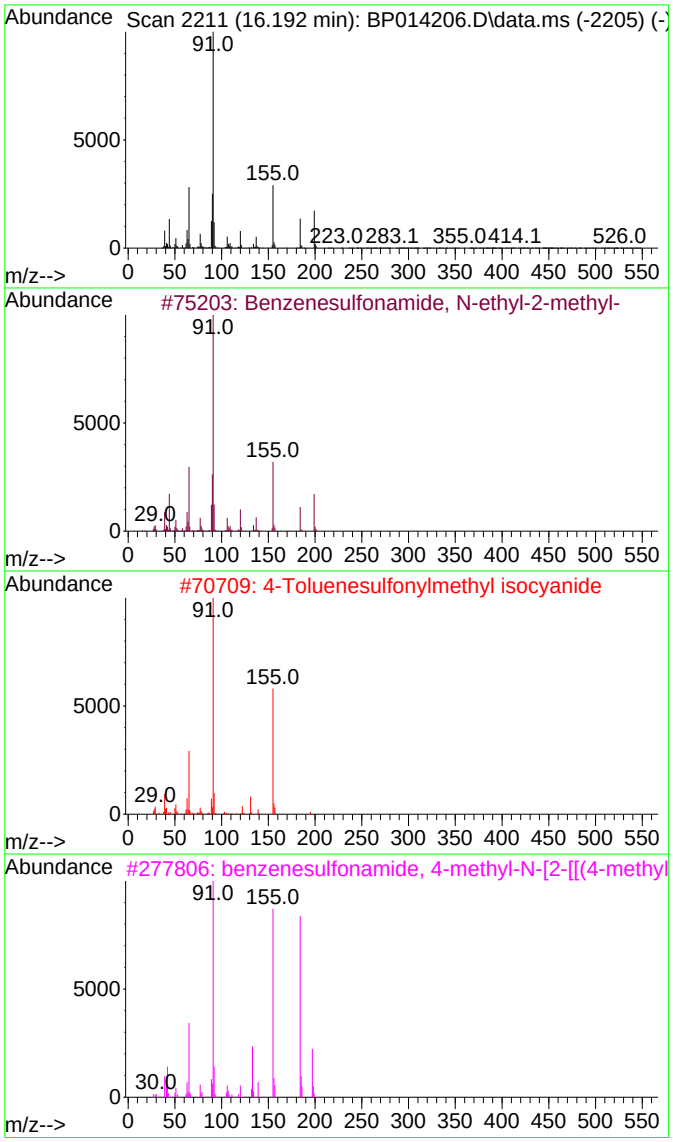
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

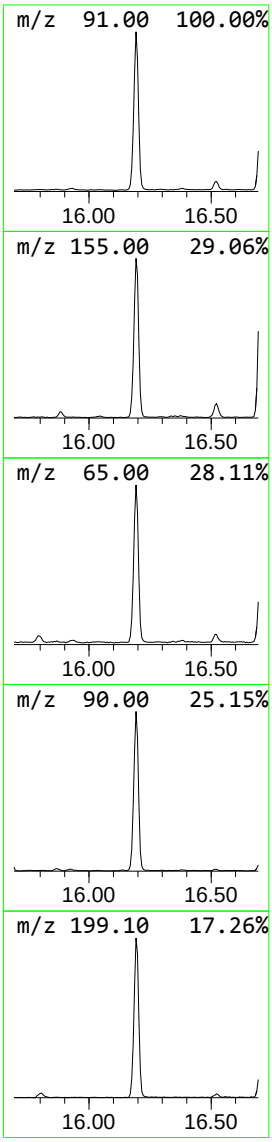
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzenesulfonamide, N-ethyl... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.192 | 12.22 ng/ul | 1889600 | Phenanthrene-d10 | 17.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenesulfonamide, N-ethyl-2-me... | 199 | C9H13NO2S | 001077-56-1 | 98 |
| 2 | 4-Toluenesulfonylmethyl isocyanide | 195 | C9H9NO2S | 036635-61-7 | 52 |
| 3 | benzenesulfonamide, 4-methyl-N-[... | 369 | C16H19NO5S2 | 1000402-61-7 | 50 |
| 4 | Tolbutamide | 270 | C12H18N2O3S | 000064-77-7 | 50 |
| 5 | Benzenesulfonamide, N-ethyl-4-me... | 199 | C9H13NO2S | 000080-39-7 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

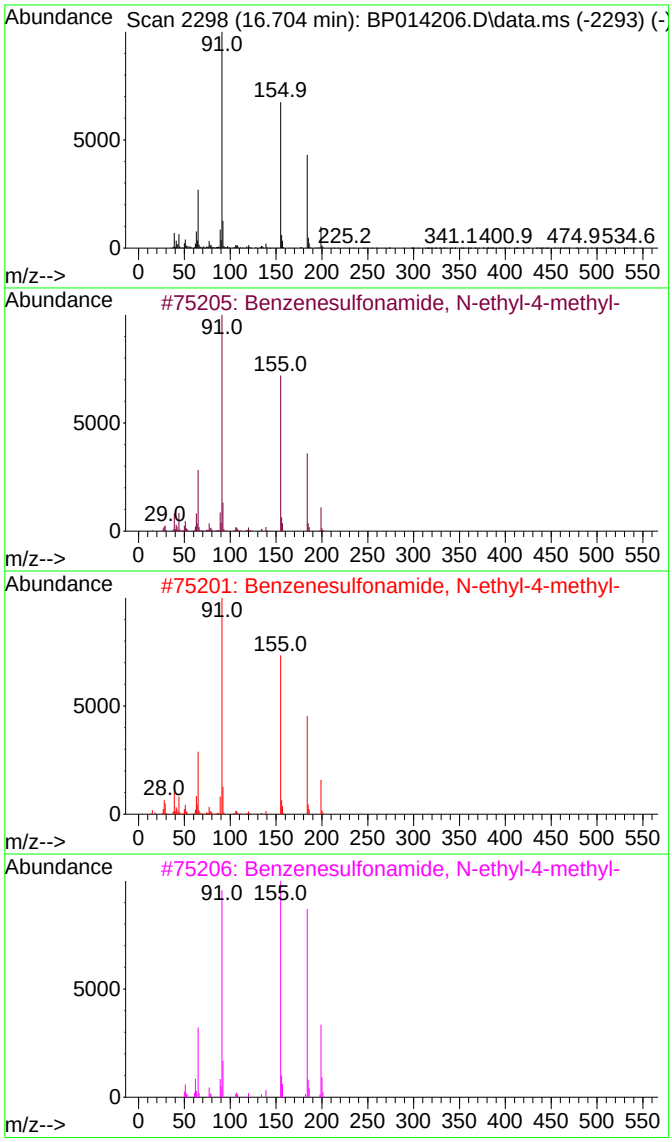
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

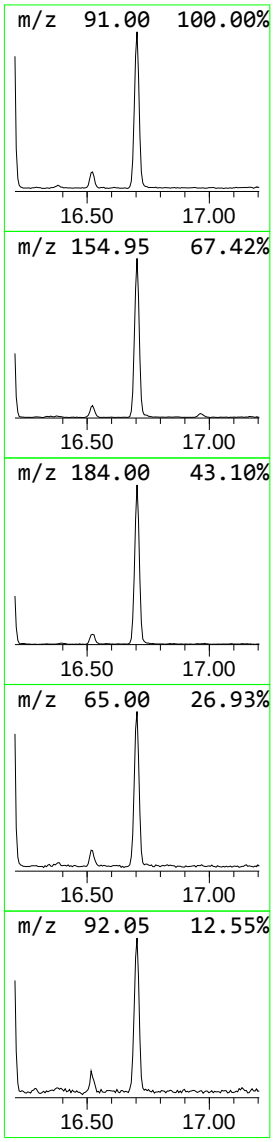
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzenesulfonamide, N-ethyl... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.704 | 6.16 ng/ul | 952720 | Phenanthrene-d10 | 17.439 |

| 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 | 96 |
| 3 | Benzenesulfonamide, N-ethyl-4-me... | 199 | C9H13NO2S | 000080-39-7 | 94 |
| 4 | Benzenesulfonamide, N-ethyl-4-me... | 199 | C9H13NO2S | 000080-39-7 | 91 |
| 5 | 4-Methyl-N-(2-oxobutyl)benzenesu... | 241 | C11H15NO3S | 1000192-14-5 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

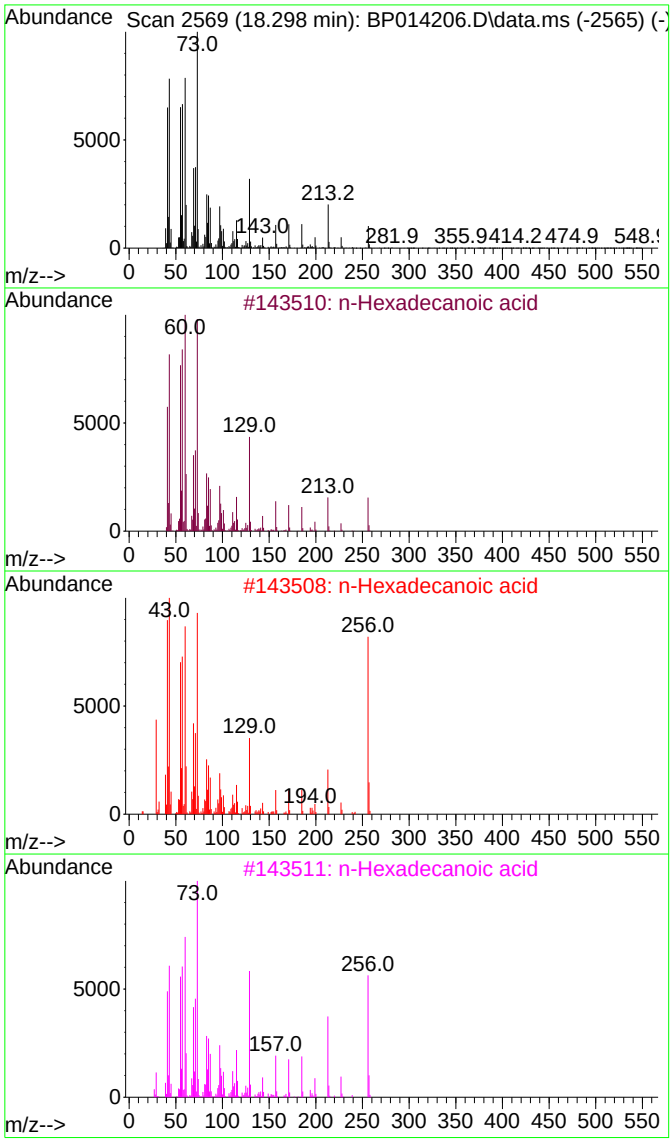
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

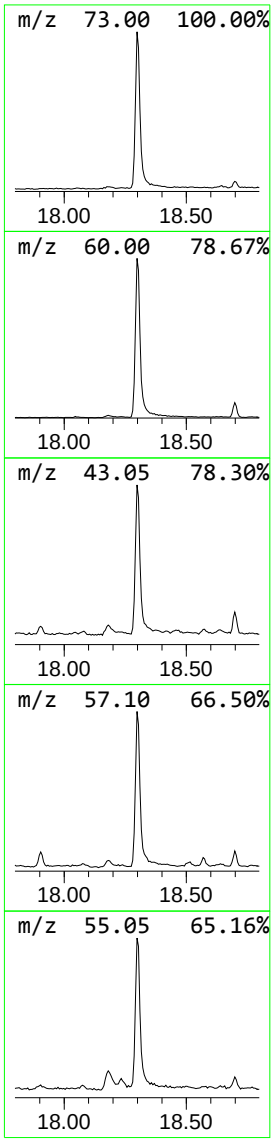
**********

Peak Number 11 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.298 | 14.06 ng/ul | 2175540 | Phenanthrene-d10 | 17.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

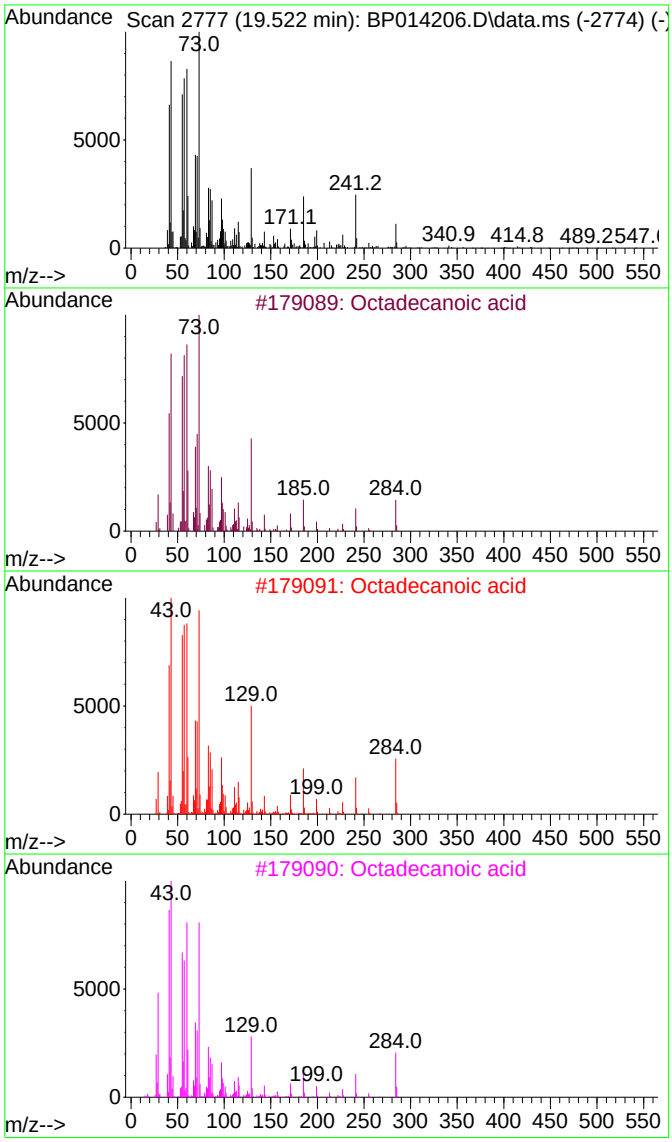
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

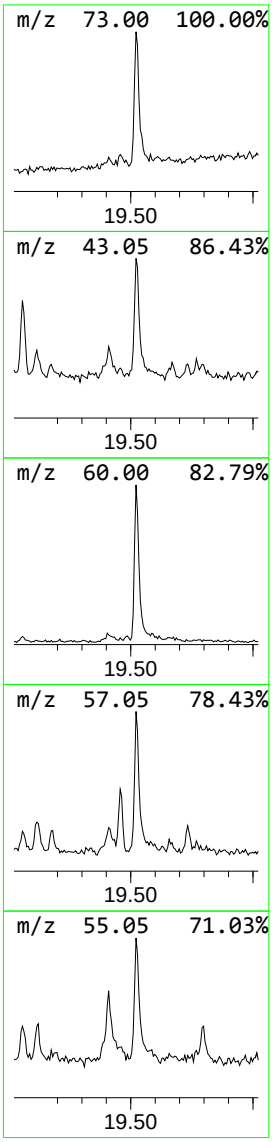
**********

Peak Number 12 Octadecanoic acid Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.522 | 2.93 ng/ul | 468677 | Chrysene-d12 | 21.516 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 97 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

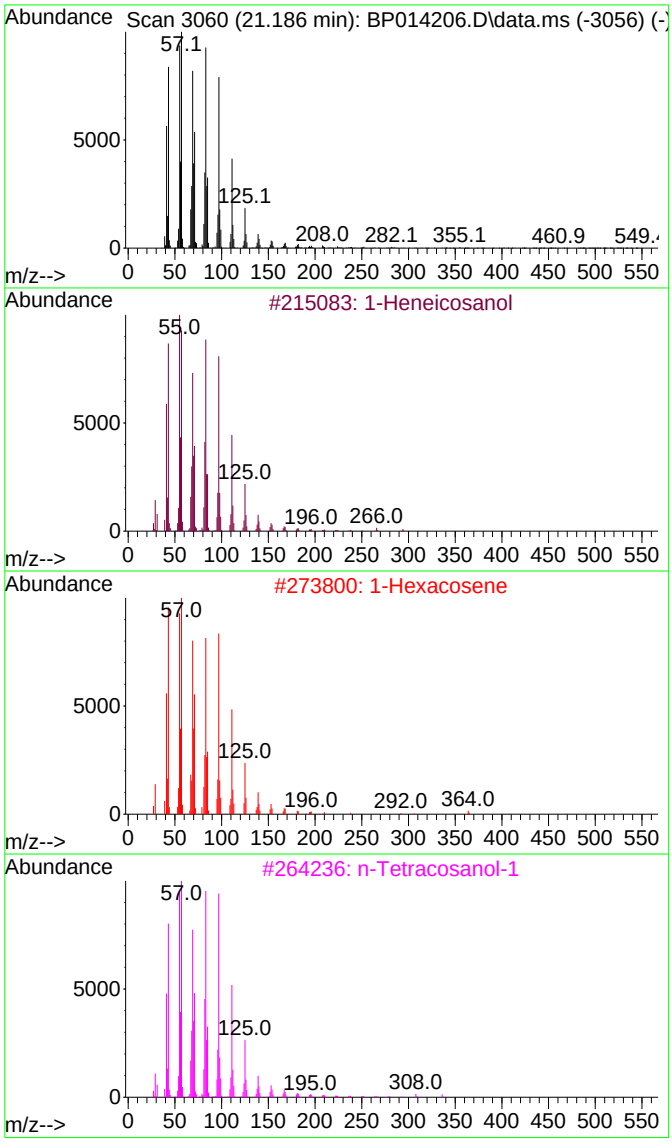
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

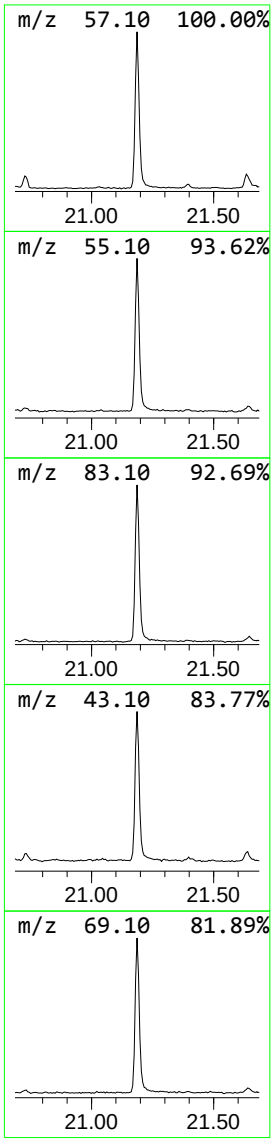
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 1-Heneicosanol Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.186 | 14.72 ng/ul | 2352090 | Chrysene-d12 | 21.516 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 2 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 94 |
| 3 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 4 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 5 | Pentacos-1-ene | 350 | C25H50 | 016980-85-1 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION

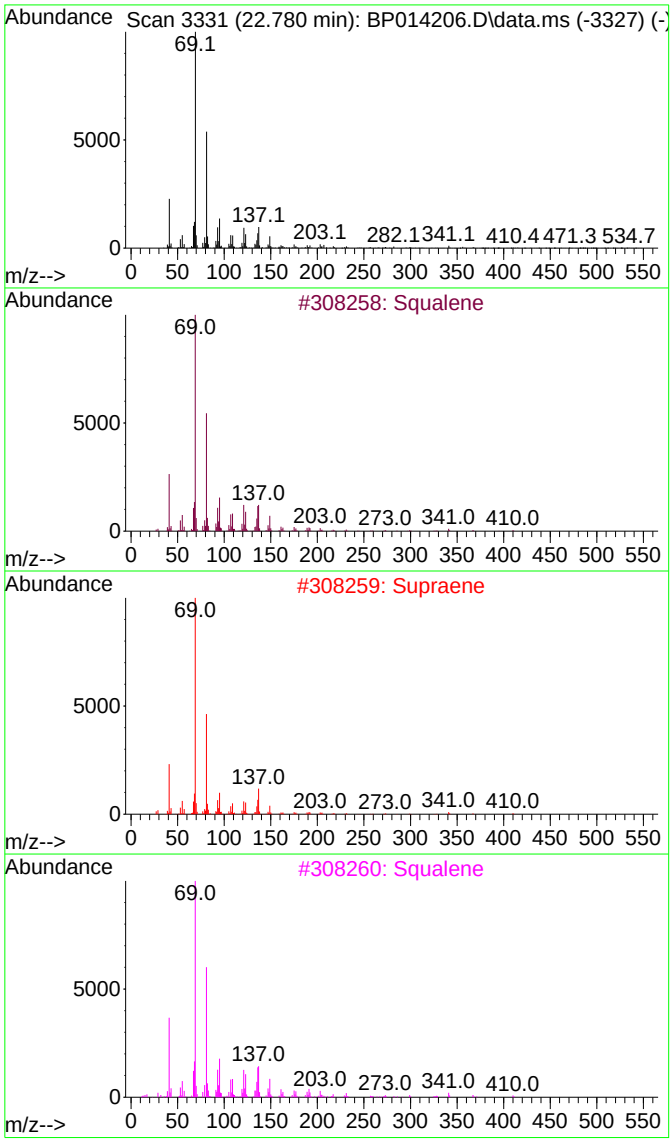
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

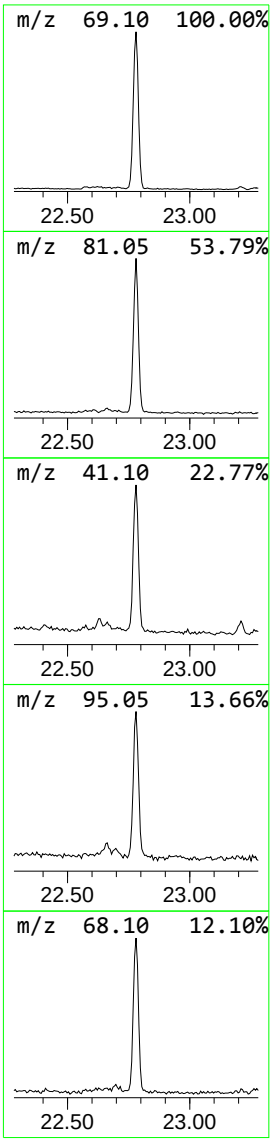
**********

Peak Number 14 Squalene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.780 | 7.12 ng/ul | 955093 | Perylene-d12 | 24.033 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Squalene | 410 | C30H50 | 000111-02-4 | 96 |
| 2 | Supraene | 410 | C30H50 | 007683-64-9 | 91 |
| 3 | Squalene | 410 | C30H50 | 000111-02-4 | 91 |
| 4 | 4,8,12-Tetradecatrienal, 5,9,13-... | 248 | C17H28O | 066408-55-7 | 72 |
| 5 | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014206.D
Acq On : 22 Mar 2023 06:17
Operator : CG/JU
Sample : 01947-10
Misc :
ALS Vial : 77 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CB939

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.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 |
| 1,3-Oxathiolane | 4.628 | 4.0 | ng/ul | 246042 | 1 | 8.040 | 1219950 | 20.0 |
| Benzenamine, 3-... | 9.040 | 5.0 | ng/ul | 306903 | 1 | 8.040 | 1219950 | 20.0 |
| Morpholine, 4-a... | 10.799 | 2.1 | ng/ul | 186395 | 2 | 10.863 | 1741300 | 20.0 |
| unknown-01 | 12.193 | 3.8 | ng/ul | 331813 | 2 | 10.863 | 1741300 | 20.0 |
| Benzenamine, 3-... | 12.363 | 2.2 | ng/ul | 192740 | 2 | 10.863 | 1741300 | 20.0 |
| unknown-02 | 14.604 | 3.0 | ng/ul | 372476 | 3 | 14.681 | 2503600 | 20.0 |
| Diethyltoluamide | 15.416 | 6.2 | ng/ul | 773265 | 3 | 14.681 | 2503600 | 20.0 |
| Benzophenone | 16.040 | 6.0 | ng/ul | 744951 | 3 | 14.681 | 2503600 | 20.0 |
| Benzenesulfonam... | 16.192 | 12.2 | ng/ul | 1889600 | 4 | 17.439 | 3093900 | 20.0 |
| Benzenesulfonam... | 16.704 | 6.2 | ng/ul | 952720 | 4 | 17.439 | 3093900 | 20.0 |
| n-Hexadecanoic ... | 18.298 | 14.1 | ng/ul | 2175540 | 4 | 17.439 | 3093900 | 20.0 |
| Octadecanoic acid | 19.522 | 2.9 | ng/ul | 468677 | 5 | 21.516 | 3194920 | 20.0 |
| 1-Heneicosanol | 21.186 | 14.7 | ng/ul | 2352090 | 5 | 21.516 | 3194920 | 20.0 |
| Squalene | 22.780 | 7.1 | ng/ul | 955093 | 6 | 24.033 | 2683320 | 20.0 |