LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** EW4P5

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_N\Methods\SFAM-EPA-BN060622.M
Title : SVOA CALIBRATION

Signal : TIC: BN020172.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.181 | 9 | 16 | 26 | rVB3 | 244002 | 500235 | 0.94% | 0.160% |
| 2 | 3.599 | 81 | 87 | 95 | rBV2 | 1252476 | 2419827 | 4.53% | 0.773% |
| 3 | 3.775 | 102 | 117 | 119 | rBV | 612485 | 1912647 | 3.58% | 0.611% |
| 4 | 3.846 | 123 | 129 | 137 | rVB | 8377678 | 15809485 | 29.60% | 5.050% |
| 5 | 3.917 | 137 | 141 | 148 | rVB | 1762959 | 2639434 | 4.94% | 0.843% |
| 6 | 5.216 | 265 | 362 | 364 | rBV | 2309561 | 34406566 | 64.43% | 10.991% |
| 7 | 5.334 | 364 | 382 | 386 | rBV2 | 1451433 | 7041096 | 13.18% | 2.249% |
| 8 | 5.593 | 410 | 426 | 428 | rBV | 502000 | 1587795 | 2.97% | 0.507% |
| 9 | 6.322 | 542 | 550 | 557 | rVV3 | 152293 | 519990 | 0.97% | 0.166% |
| 10 | 6.416 | 557 | 566 | 569 | rVV | 247694 | 661805 | 1.24% | 0.211% |
| 11 | 6.499 | 569 | 580 | 584 | rVV | 436291 | 1333324 | 2.50% | 0.426% |
| 12 | 7.028 | 639 | 670 | 675 | rBV | 9052119 | 24032903 | 45.00% | 7.677% |
| 13 | 7.140 | 684 | 689 | 694 | rBV | 545123 | 886641 | 1.66% | 0.283% |
| 14 | 7.340 | 709 | 723 | 726 | rBV | 660922 | 1450929 | 2.72% | 0.463% |
| 15 | 7.375 | 726 | 729 | 734 | rVB2 | 472918 | 705760 | 1.32% | 0.225% |
| 16 | 7.799 | 794 | 801 | 806 | rBV2 | 1039682 | 1925836 | 3.61% | 0.615% |
| 17 | 7.893 | 812 | 817 | 824 | rVV | 2764297 | 4884642 | 9.15% | 1.560% |
| 18 | 7.981 | 824 | 832 | 839 | rVB3 | 547581 | 1399371 | 2.62% | 0.447% |
| 19 | 8.052 | 839 | 844 | 849 | rBV2 | 314460 | 550267 | 1.03% | 0.176% |
| 20 | 8.158 | 849 | 862 | 872 | rVB2 | 574466 | 1815112 | 3.40% | 0.580% |
| 21 | 8.516 | 907 | 923 | 927 | rBV | 948029 | 2792526 | 5.23% | 0.892% |
| 22 | 8.581 | 927 | 934 | 944 | rVB3 | 2474845 | 5686689 | 10.65% | 1.817% |
| 23 | 8.699 | 944 | 954 | 961 | rVB3 | 318754 | 777212 | 1.46% | 0.248% |
| 24 | 8.852 | 968 | 980 | 987 | rBV4 | 1026158 | 3027851 | 5.67% | 0.967% |
| 25 | 8.952 | 992 | 997 | 1007 | rVB | 751478 | 1378609 | 2.58% | 0.440% |
| 26 | 9.046 | 1007 | 1013 | 1017 | rBV | 317410 | 493432 | 0.92% | 0.158% |
| 27 | 9.328 | 1030 | 1061 | 1064 | rBV2 | 1552127 | 9076812 | 17.00% | 2.900% |
| 28 | 9.399 | 1068 | 1073 | 1077 | rVB3 | 303566 | 573231 | 1.07% | 0.183% |
| 29 | 9.446 | 1077 | 1081 | 1086 | rVB2 | 700621 | 1048827 | 1.96% | 0.335% |
| 30 | 9.505 | 1086 | 1091 | 1094 | rBV2 | 429637 | 636901 | 1.19% | 0.203% |
| 31 | 9.575 | 1096 | 1103 | 1110 | rVB3 | 972045 | 2016968 | 3.78% | 0.644% |
| 32 | 9.663 | 1110 | 1118 | 1126 | rVB3 | 777817 | 1786607 | 3.35% | 0.571% |
| 33 | 9.775 | 1127 | 1137 | 1139 | rBV | 669663 | 1095824 | 2.05% | 0.350% |
| 34 | 9.804 | 1139 | 1142 | 1149 | rVB | 772887 | 1259322 | 2.36% | 0.402% |
| 35 | 9.893 | 1150 | 1157 | 1163 | rBV6 | 152758 | 447590 | 0.84% | 0.143% |
| 36 | 9.969 | 1163 | 1170 | 1173 | rBV2 | 241024 | 533016 | 1.00% | 0.170% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
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Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

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_N\Methods\SFAM-EPA-BN060622.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.046 | 1173 | 1183 | 1186 | rBV2 | 1388800 | 3531606 | 6.61% | 1.128% |
| 38 | 10.087 | 1186 | 1190 | 1193 | rBV | 524171 | 741651 | 1.39% | 0.237% |
| 39 | 10.310 | 1226 | 1228 | 1232 | rVB2 | 3783252 | 3950058 | 7.40% | 1.262% |
| 40 | 10.381 | 1235 | 1240 | 1245 | rBV4 | 740931 | 1404362 | 2.63% | 0.449% |
| 41 | 10.452 | 1248 | 1252 | 1259 | rVV4 | 542887 | 1343989 | 2.52% | 0.429% |
| 42 | 10.522 | 1259 | 1264 | 1270 | rVB | 3818017 | 6264236 | 11.73% | 2.001% |
| 43 | 10.587 | 1270 | 1275 | 1281 | rVB | 1123570 | 2003393 | 3.75% | 0.640% |
| 44 | 10.669 | 1283 | 1289 | 1294 | rBV | 584638 | 1052306 | 1.97% | 0.336% |
| 45 | 10.746 | 1296 | 1302 | 1305 | rBV2 | 411778 | 681960 | 1.28% | 0.218% |
| 46 | 10.828 | 1312 | 1316 | 1321 | rVB2 | 461538 | 669045 | 1.25% | 0.214% |
| 47 | 10.904 | 1324 | 1329 | 1332 | rBV2 | 484558 | 782805 | 1.47% | 0.250% |
| 48 | 10.951 | 1332 | 1337 | 1345 | rVB | 1893940 | 3322898 | 6.22% | 1.061% |
| 49 | 11.028 | 1345 | 1350 | 1360 | rVB5 | 444394 | 1073465 | 2.01% | 0.343% |
| 50 | 11.151 | 1364 | 1371 | 1379 | rBV7 | 286737 | 1010756 | 1.89% | 0.323% |
| 51 | 11.546 | 1385 | 1438 | 1441 | rBV | 5369200 | 53404963 | 100.00% | 17.060% |
| 52 | 11.610 | 1443 | 1449 | 1451 | rBV5 | 247619 | 520710 | 0.98% | 0.166% |
| 53 | 11.669 | 1451 | 1459 | 1462 | rBV3 | 1458315 | 3196074 | 5.98% | 1.021% |
| 54 | 11.781 | 1473 | 1478 | 1486 | rBV4 | 884769 | 1605872 | 3.01% | 0.513% |
| 55 | 11.881 | 1491 | 1495 | 1498 | rVB2 | 407387 | 537851 | 1.01% | 0.172% |
| 56 | 11.946 | 1498 | 1506 | 1511 | rBV | 2355463 | 4194443 | 7.85% | 1.340% |
| 57 | 12.087 | 1524 | 1530 | 1534 | rBV | 1203651 | 2007308 | 3.76% | 0.641% |
| 58 | 12.304 | 1560 | 1567 | 1571 | rBV5 | 577910 | 1337585 | 2.50% | 0.427% |
| 59 | 12.528 | 1599 | 1605 | 1608 | rVB | 760040 | 1276799 | 2.39% | 0.408% |
| 60 | 12.869 | 1648 | 1663 | 1666 | rBV | 2474476 | 7747399 | 14.51% | 2.475% |
| 61 | 12.934 | 1671 | 1674 | 1683 | rVB5 | 295116 | 474181 | 0.89% | 0.151% |
| 62 | 13.287 | 1729 | 1734 | 1740 | rVB2 | 1289336 | 2098844 | 3.93% | 0.670% |
| 63 | 13.363 | 1742 | 1747 | 1753 | rVB5 | 713181 | 1389652 | 2.60% | 0.444% |
| 64 | 13.457 | 1753 | 1763 | 1767 | rBV7 | 459431 | 1230041 | 2.30% | 0.393% |
| 65 | 13.504 | 1768 | 1771 | 1776 | rVB4 | 341515 | 483730 | 0.91% | 0.155% |
| 66 | 13.651 | 1791 | 1796 | 1801 | rVB | 518925 | 876981 | 1.64% | 0.280% |
| 67 | 13.728 | 1806 | 1809 | 1813 | rBV2 | 350809 | 480413 | 0.90% | 0.153% |
| 68 | 13.851 | 1824 | 1830 | 1834 | rBV | 1647687 | 2554566 | 4.78% | 0.816% |
| 69 | 13.887 | 1834 | 1836 | 1845 | rVB5 | 650743 | 1181342 | 2.21% | 0.377% |
| 70 | 13.969 | 1845 | 1850 | 1858 | rBV | 2559604 | 4846128 | 9.07% | 1.548% |
| 71 | 14.122 | 1871 | 1876 | 1887 | rVB | 1678106 | 3047310 | 5.71% | 0.973% |
| 72 | 14.304 | 1903 | 1907 | 1909 | rBV | 981160 | 1425087 | 2.67% | 0.455% |
| 73 | 14.345 | 1910 | 1914 | 1920 | rVB | 1819533 | 3278172 | 6.14% | 1.047% |
| 74 | 14.428 | 1921 | 1928 | 1933 | rBV | 1624312 | 2771817 | 5.19% | 0.885% |
| 75 | 14.528 | 1942 | 1945 | 1951 | rVB3 | 433817 | 664879 | 1.24% | 0.212% |
| 76 | 14.704 | 1972 | 1975 | 1980 | rVB | 634837 | 907971 | 1.70% | 0.290% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

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_N\Methods\SFAM-EPA-BN060622.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 14.898 | 2003 | 2008 | 2014 | rVB | 1127394 | 1760390 | 3.30% | 0.562% |
| 78 | 15.004 | 2023 | 2026 | 2038 | rVB2 | 575002 | 1082021 | 2.03% | 0.346% |
| 79 | 15.422 | 2092 | 2097 | 2103 | rVB2 | 2085002 | 3051632 | 5.71% | 0.975% |
| 80 | 15.539 | 2114 | 2117 | 2122 | rVB | 566261 | 731162 | 1.37% | 0.234% |
| 81 | 15.792 | 2156 | 2160 | 2162 | rBV3 | 346548 | 566421 | 1.06% | 0.181% |
| 82 | 15.869 | 2170 | 2173 | 2175 | rBV | 506085 | 706057 | 1.32% | 0.226% |
| 83 | 15.898 | 2175 | 2178 | 2185 | rVV | 1024737 | 1642455 | 3.08% | 0.525% |
| 84 | 15.957 | 2185 | 2188 | 2200 | rVB3 | 629787 | 1513862 | 2.83% | 0.484% |
| 85 | 16.075 | 2205 | 2208 | 2212 | rBV | 370582 | 468764 | 0.88% | 0.150% |
| 86 | 16.128 | 2214 | 2217 | 2223 | rVB3 | 305376 | 449240 | 0.84% | 0.144% |
| 87 | 17.169 | 2390 | 2394 | 2400 | rVB | 1640392 | 2318554 | 4.34% | 0.741% |
| 88 | 17.269 | 2406 | 2411 | 2421 | rVB | 2207233 | 3688068 | 6.91% | 1.178% |
| 89 | 17.686 | 2478 | 2482 | 2498 | rVB4 | 856354 | 1915738 | 3.59% | 0.612% |
| 90 | 18.092 | 2545 | 2551 | 2557 | rBV2 | 2487367 | 4430047 | 8.30% | 1.415% |
| 91 | 18.816 | 2671 | 2674 | 2678 | rBV | 336791 | 454142 | 0.85% | 0.145% |
| 92 | 18.869 | 2679 | 2683 | 2688 | rVB | 1519147 | 1990743 | 3.73% | 0.636% |
| 93 | 19.369 | 2764 | 2768 | 2773 | rVB | 981230 | 1299386 | 2.43% | 0.415% |
| 94 | 19.563 | 2797 | 2801 | 2806 | rBV2 | 1799907 | 2448067 | 4.58% | 0.782% |
| 95 | 20.351 | 2932 | 2935 | 2939 | rBV | 523025 | 639467 | 1.20% | 0.204% |
| 96 | 21.027 | 3046 | 3050 | 3053 | rBV | 952406 | 1464089 | 2.74% | 0.468% |
| 97 | 21.069 | 3053 | 3057 | 3069 | rVB2 | 2659070 | 4490037 | 8.41% | 1.434% |
| 98 | 21.357 | 3102 | 3106 | 3112 | rVB | 1156857 | 1615402 | 3.02% | 0.516% |
| 99 | 23.527 | 3469 | 3475 | 3483 | rBV2 | 1078757 | 2063286 | 3.86% | 0.659% |
| 100 | 23.674 | 3495 | 3500 | 3509 | rVB | 873565 | 1767095 | 3.31% | 0.564% |

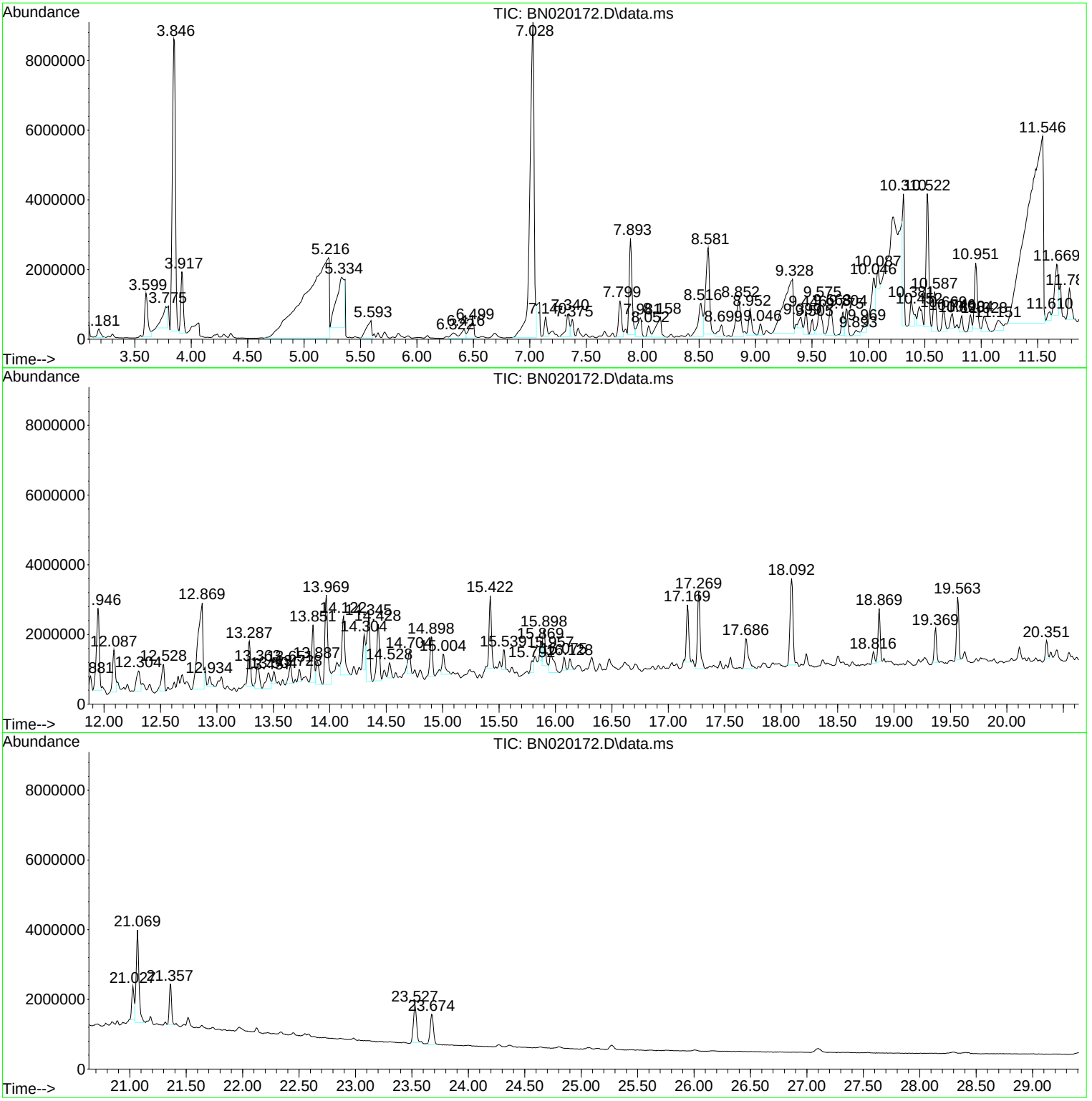
Sum of corrected areas: 313043855

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

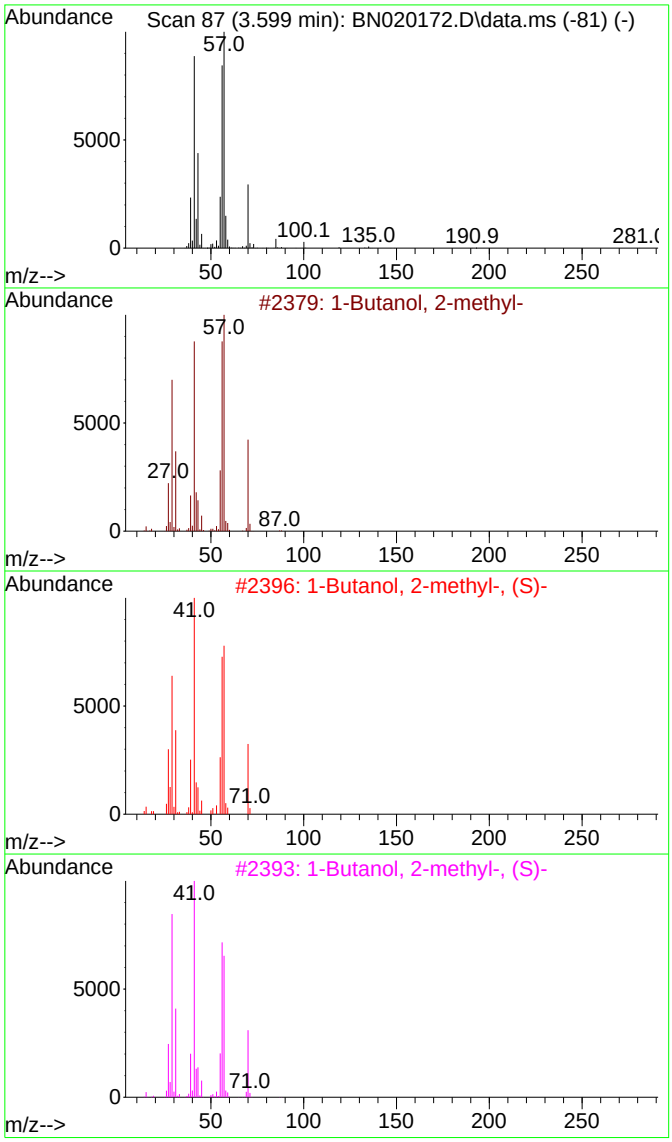
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

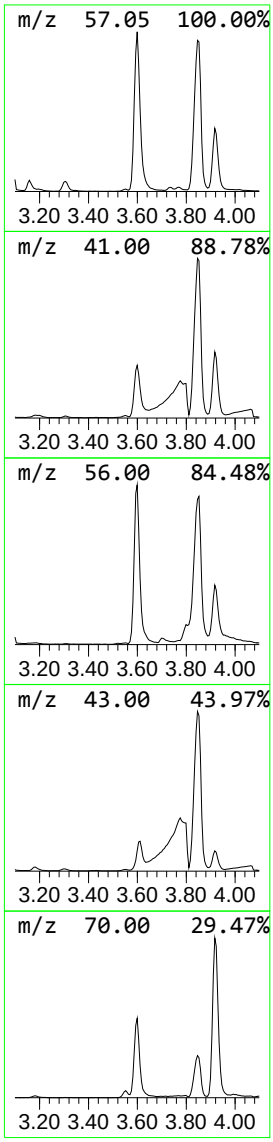
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 1-Butanol, 2-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.599 | 25.13 ng/ul | 2419830 | 1,4-Dichlorobenzene-d4 | 7.799 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Butanol, 2-methyl- | 88 | C5H12O | 000137-32-6 | 87 |
| 2 | 1-Butanol, 2-methyl-, (S)- | 88 | C5H12O | 001565-80-6 | 78 |
| 3 | 1-Butanol, 2-methyl-, (S)- | 88 | C5H12O | 001565-80-6 | 72 |
| 4 | 1-Butanol, 2-methyl- | 88 | C5H12O | 000137-32-6 | 56 |
| 5 | 1-Butanol, 2-methyl- | 88 | C5H12O | 000137-32-6 | 56 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

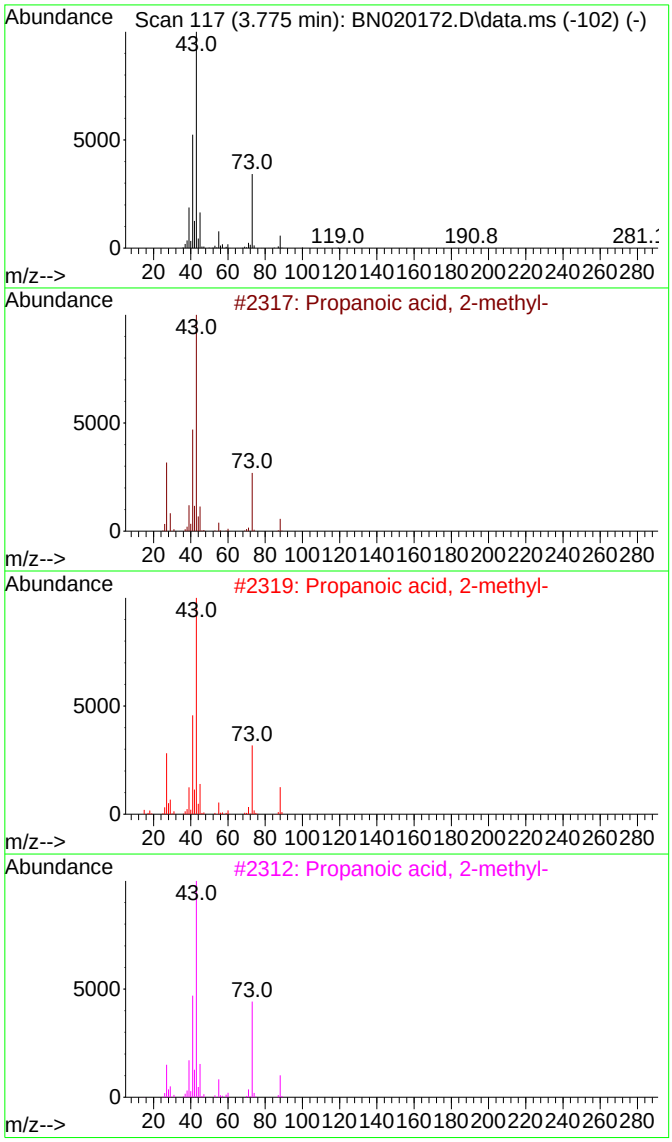
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

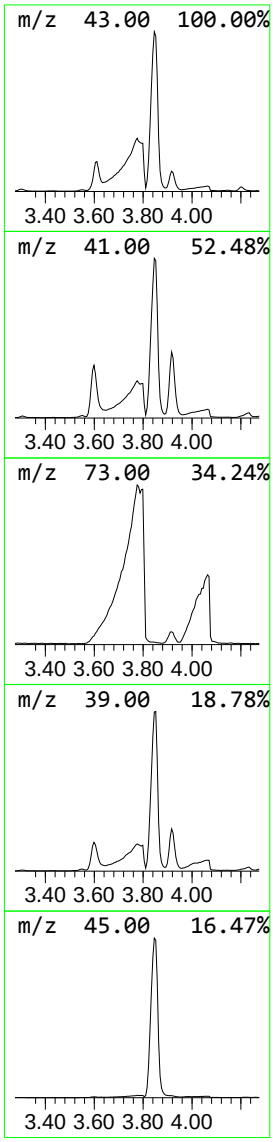
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Propanoic acid, 2-methyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.775 | 19.86 ng/ul | 1912650 | 1,4-Dichlorobenzene-d4 | 7.799 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 87 |
| 2 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 86 |
| 3 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 72 |
| 4 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 56 |
| 5 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

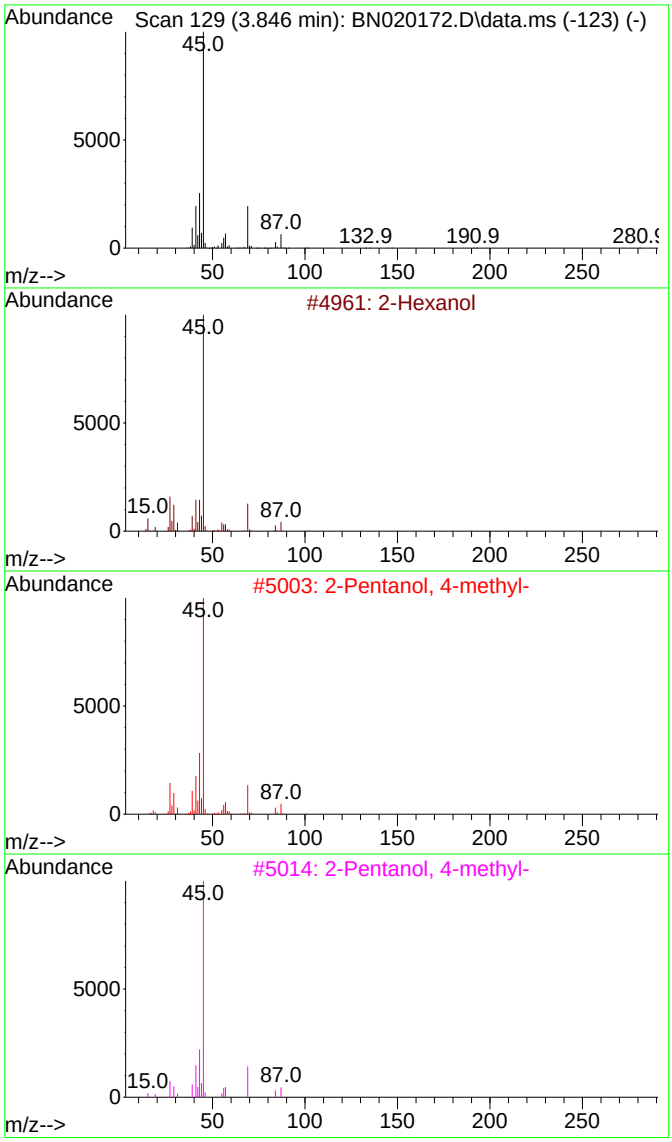
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

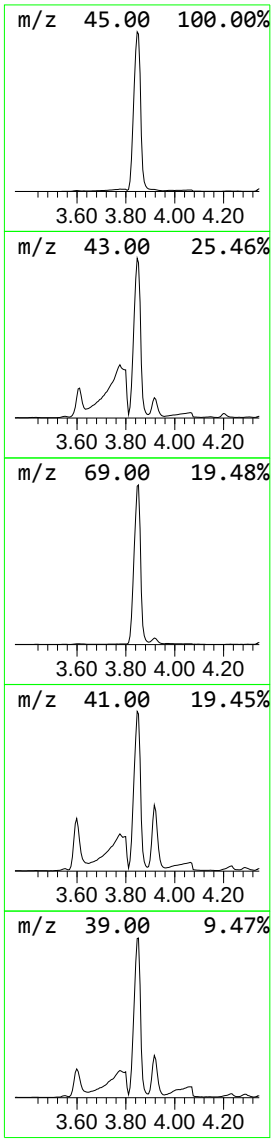
**********

Peak Number 4 2-Hexanol Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.846 | 164.18 ng/ul | 15809500 | 1,4-Dichlorobenzene-d4 | 7.799 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hexanol | 102 | C6H14O | 000626-93-7 | 83 |
| 2 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 83 |
| 3 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 83 |
| 4 | 2-Pentanol, 4-methyl- | 102 | C6H14O | 000108-11-2 | 78 |
| 5 | 2-Hexanol, (R)- | 102 | C6H14O | 026549-24-6 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

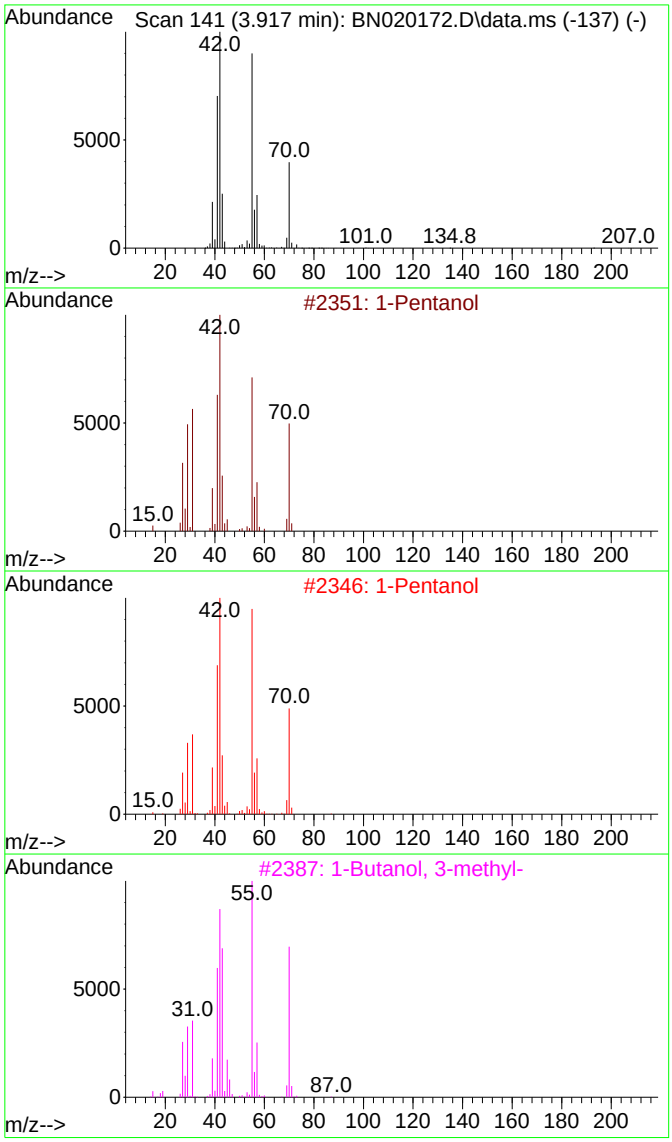
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

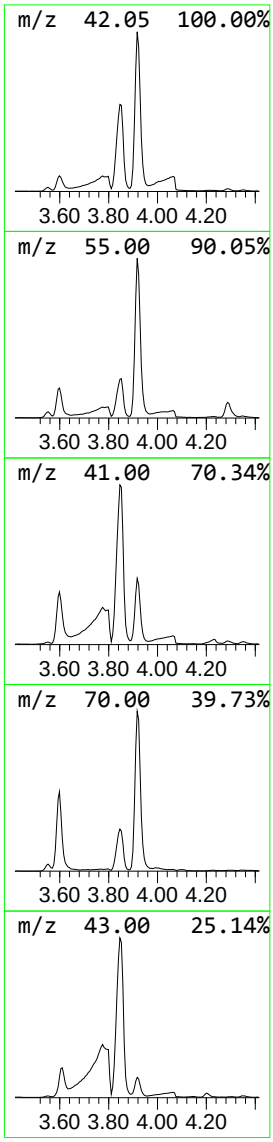
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 1-Pentanol Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.917 | 27.41 ng/ul | 2639430 | 1,4-Dichlorobenzene-d4 | 7.799 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Pentanol | 88 | C5H12O | 000071-41-0 | 83 |
| 2 | 1-Pentanol | 88 | C5H12O | 000071-41-0 | 83 |
| 3 | 1-Butanol, 3-methyl- | 88 | C5H12O | 000123-51-3 | 78 |
| 4 | 1-Pentene | 70 | C5H10 | 000109-67-1 | 72 |
| 5 | 1-Pentene | 70 | C5H10 | 000109-67-1 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

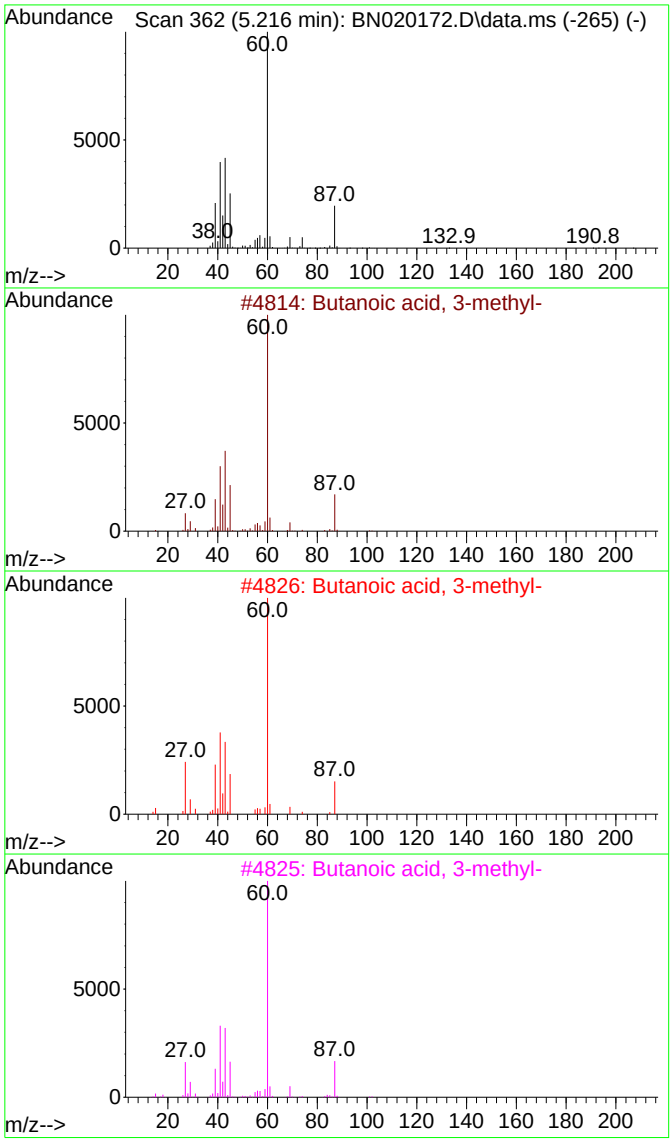
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

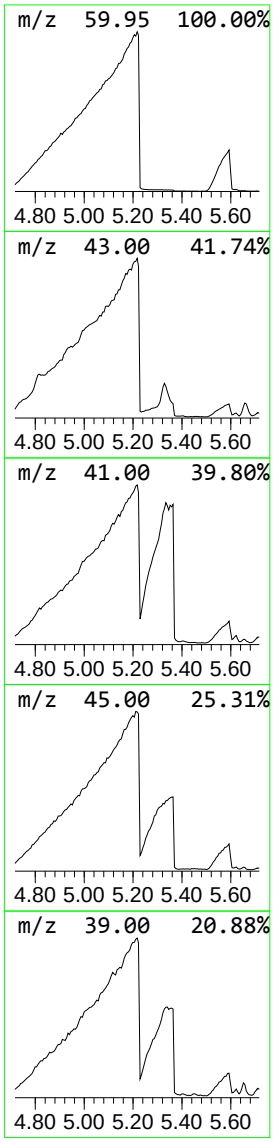
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Butanoic acid, 3-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.216 | 357.32 ng/ul | 34406600 | 1,4-Dichlorobenzene-d4 | 7.799 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 86 |
| 2 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 83 |
| 3 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 72 |
| 4 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 64 |
| 5 | Butanoic acid, 4-chloro- | 122 | C4H7ClO2 | 000627-00-9 | 56 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

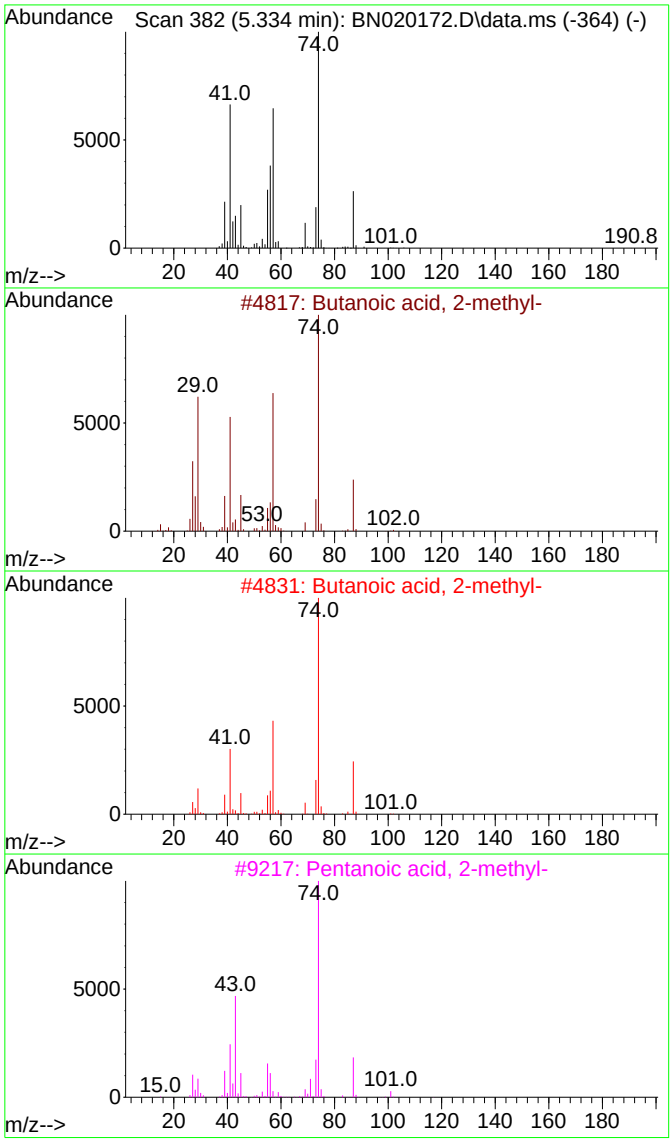
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

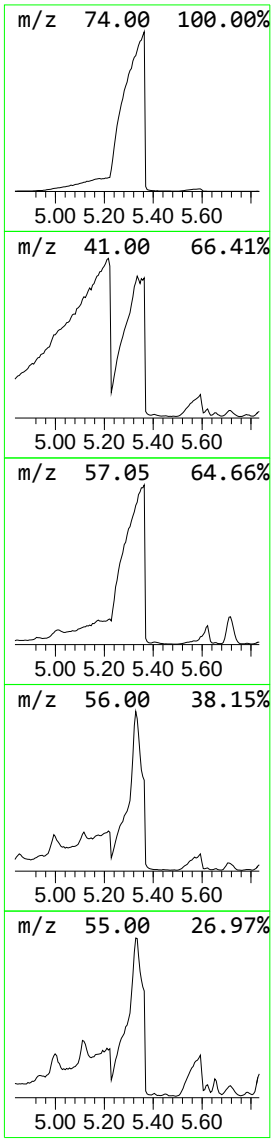
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Butanoic acid, 2-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.334 | 73.12 ng/ul | 7041100 | 1,4-Dichlorobenzene-d4 | 7.799 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, 2-methyl- | 102 | C5H10O2 | 000116-53-0 | 59 |
| 2 | Butanoic acid, 2-methyl- | 102 | C5H10O2 | 000116-53-0 | 59 |
| 3 | Pentanoic acid, 2-methyl- | 116 | C6H12O2 | 000097-61-0 | 53 |
| 4 | Butanoic acid, 2-methyl- | 102 | C5H10O2 | 000116-53-0 | 53 |
| 5 | Hexanoic acid, 2-methyl- | 130 | C7H14O2 | 004536-23-6 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

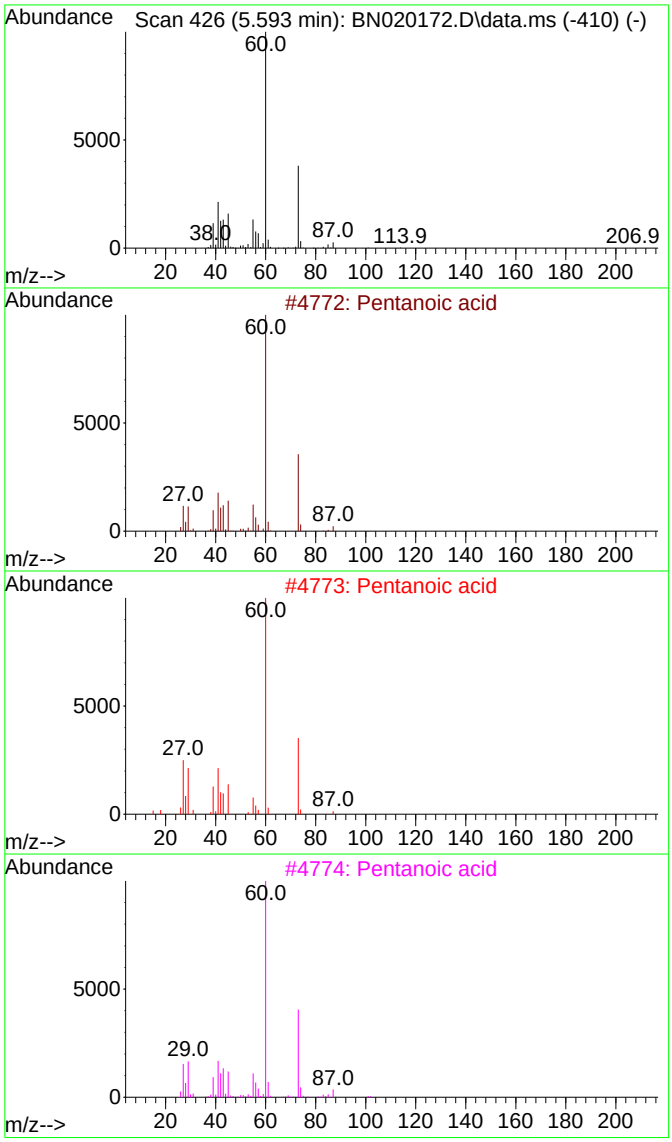
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

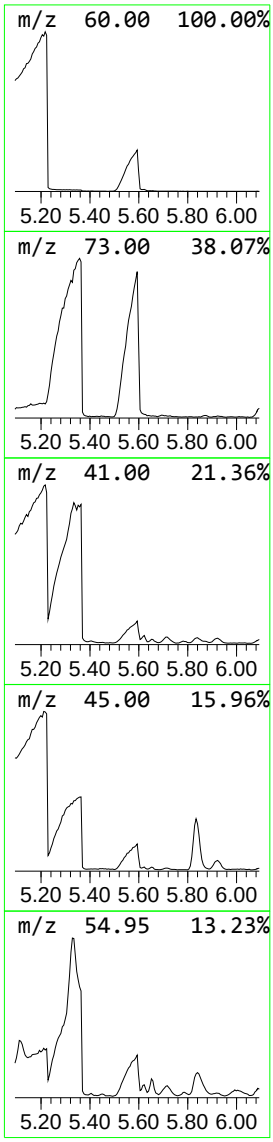
**********

Peak Number 8 Pentanoic acid Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.593 | 16.49 ng/ul | 1587800 | 1,4-Dichlorobenzene-d4 | 7.799 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 90 |
| 2 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 83 |
| 3 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 83 |
| 4 | Propanedioic acid, propyl- | 146 | C6H10O4 | 000616-62-6 | 74 |
| 5 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 72 |



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Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

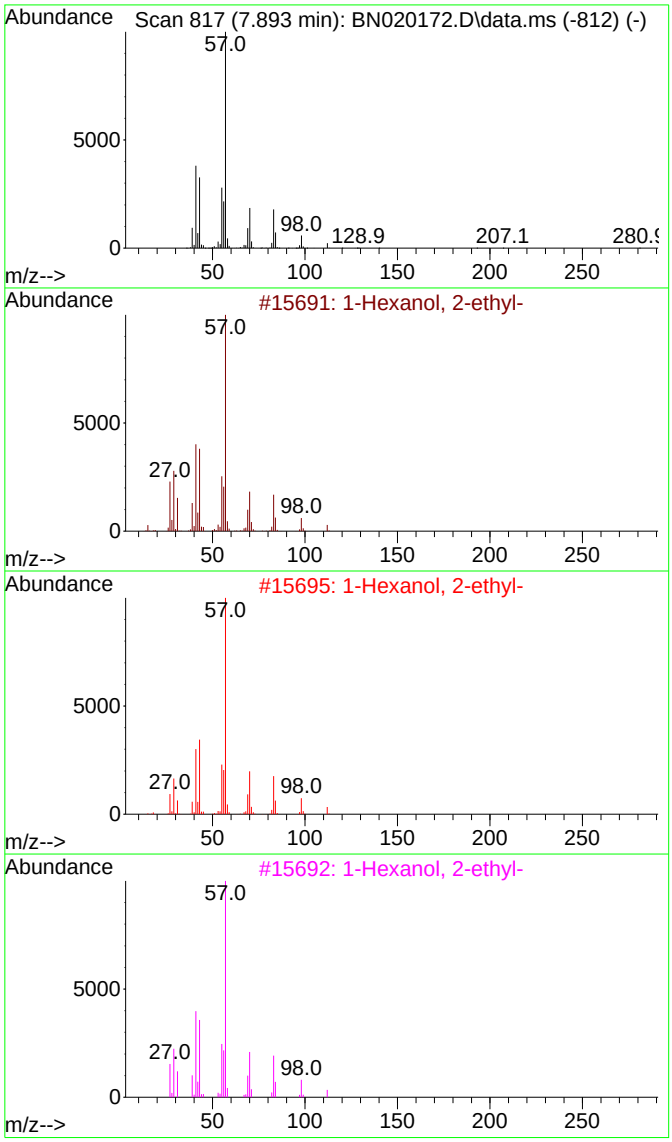
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

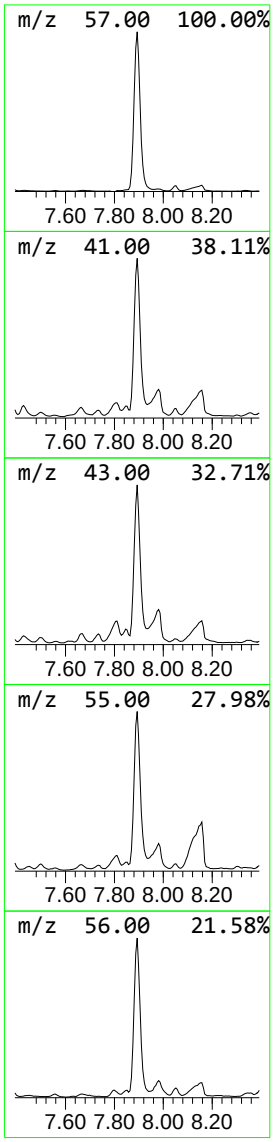
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 1-Hexanol, 2-ethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.893 | 50.73 ng/ul | 4884640 | 1,4-Dichlorobenzene-d4 | 7.799 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 83 |
| 2 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 78 |
| 3 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 59 |
| 4 | 1-Hexene, 5,5-dimethyl- | 112 | C8H16 | 007116-86-1 | 53 |
| 5 | 1-Hexanol, 2-ethyl- | 130 | C8H18O | 000104-76-7 | 50 |



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Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

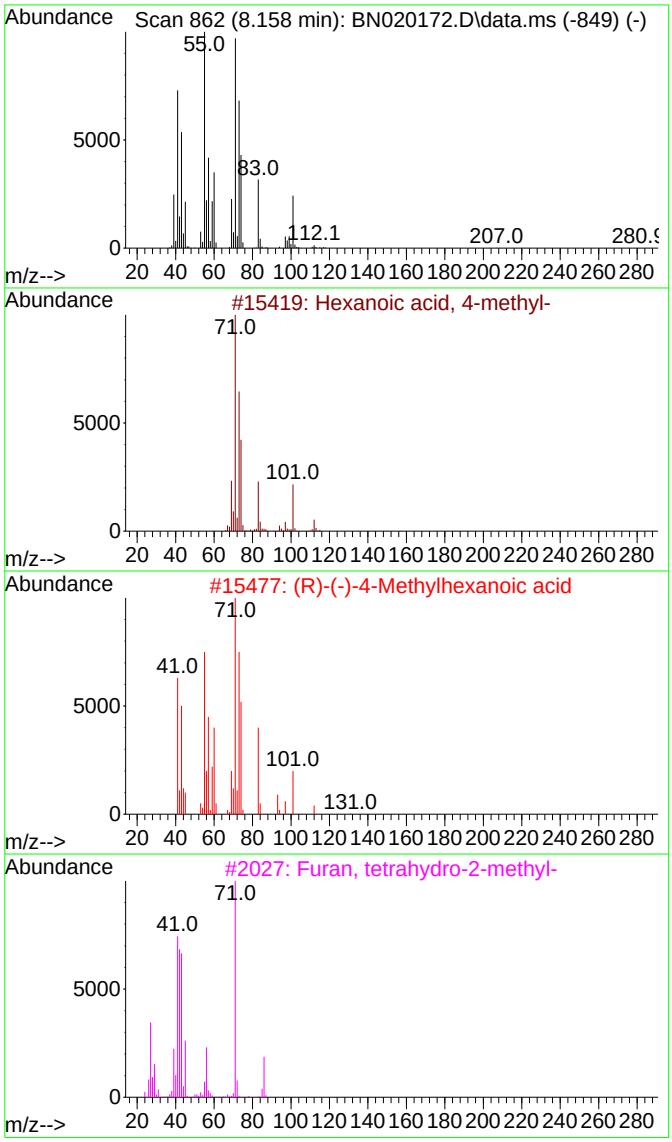
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

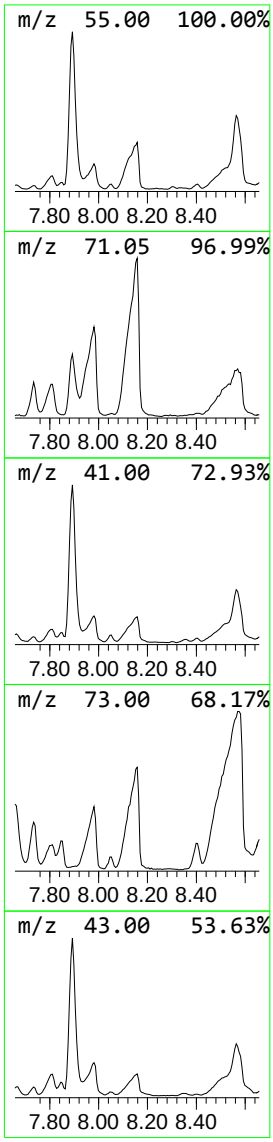
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Hexanoic acid, 4-methyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.158 | 18.85 ng/ul | 1815110 | 1,4-Dichlorobenzene-d4 | 7.799 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 4-methyl- | 130 | C7H14O2 | 001561-11-1 | 90 |
| 2 | (R)-(-)-4-Methylhexanoic acid | 130 | C7H14O2 | 052745-93-4 | 64 |
| 3 | Furan, tetrahydro-2-methyl- | 86 | C5H10O | 000096-47-9 | 25 |
| 4 | Furan, tetrahydro-2-methyl- | 86 | C5H10O | 000096-47-9 | 25 |
| 5 | Furan, tetrahydro-2-methyl- | 86 | C5H10O | 000096-47-9 | 17 |



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Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

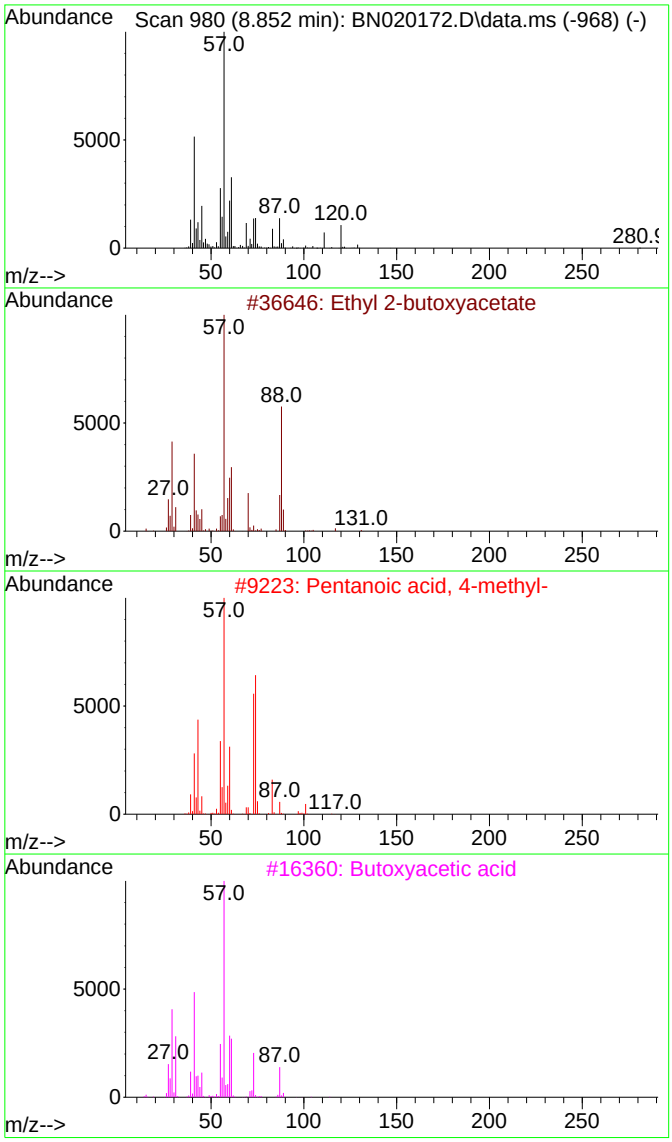
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

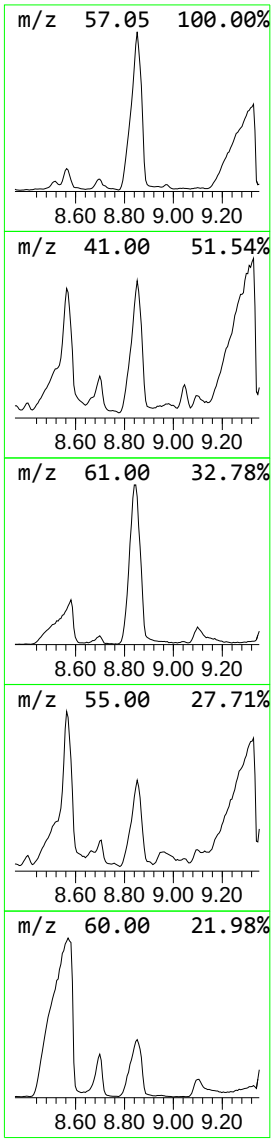
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 unknown-01 Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.852 | 31.44 ng/ul | 3027850 | 1,4-Dichlorobenzene-d4 | 7.799 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethyl 2-butoxyacetate | 160 | C8H16O3 | 1000366-89-3 | 38 |
| 2 | Pentanoic acid, 4-methyl- | 116 | C6H12O2 | 000646-07-1 | 32 |
| 3 | Butoxyacetic acid | 132 | C6H12O3 | 002516-93-0 | 32 |
| 4 | Butyl 2-butoxyacetate | 188 | C10H20O3 | 010397-22-5 | 23 |
| 5 | D-erythro-Pentose, 2-deoxy- | 134 | C5H10O4 | 000533-67-5 | 23 |



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Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

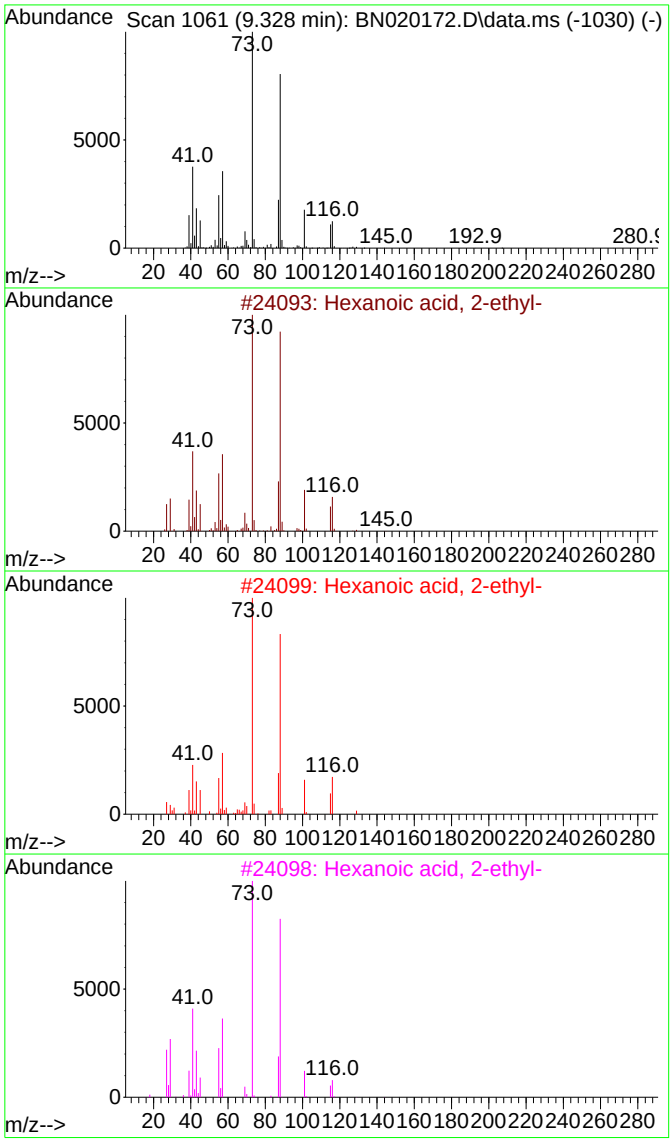
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

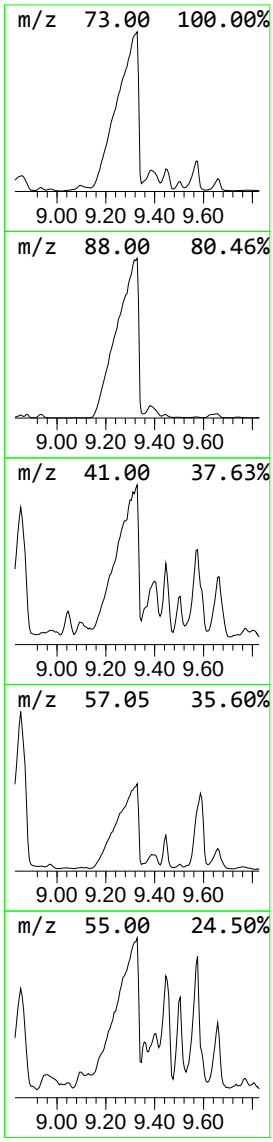
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Hexanoic acid, 2-ethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.328 | 90.61 ng/ul | 9076810 | Naphthalene-d8 | 10.587 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 90 |
| 2 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 78 |
| 3 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 78 |
| 4 | 2-Ethyl-4-methylpentanoic acid | 144 | C8H16O2 | 000108-81-6 | 56 |
| 5 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 56 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

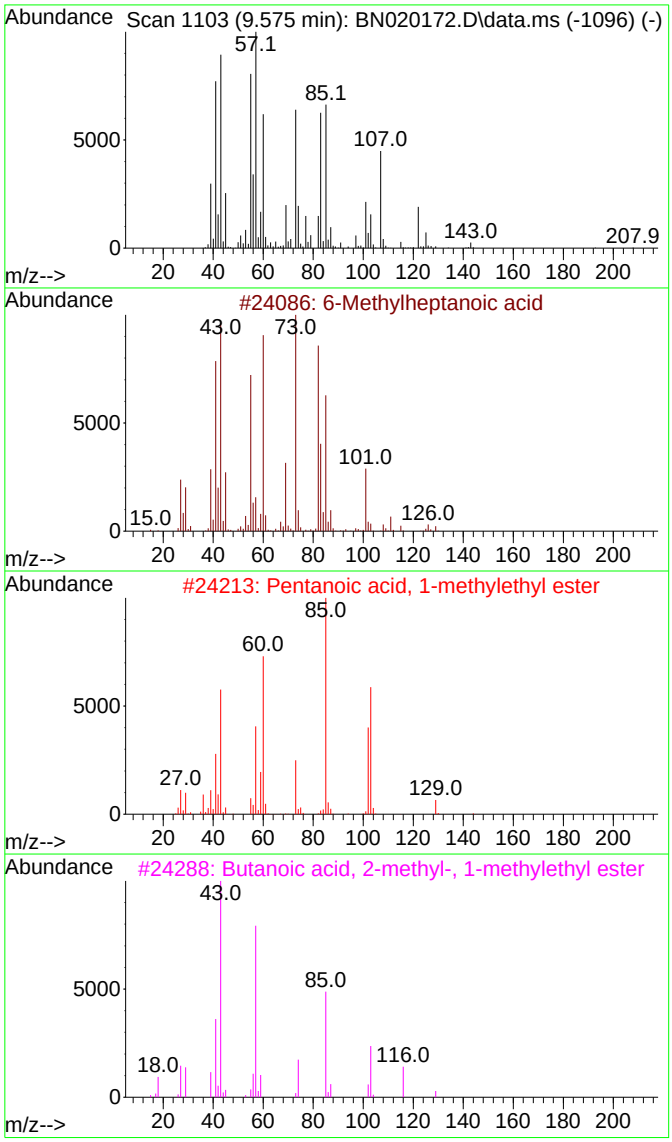
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

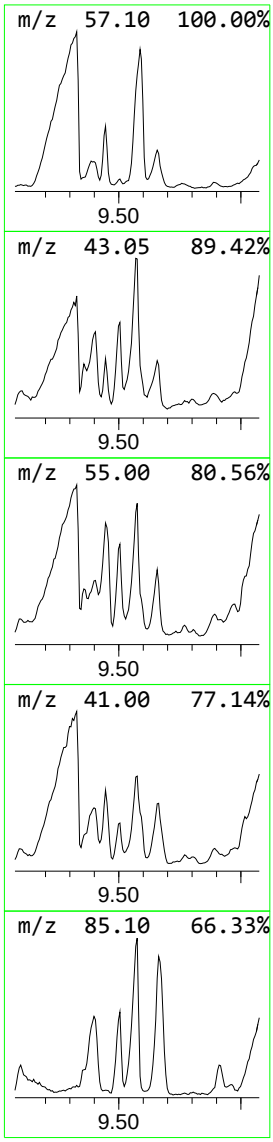
**********

Peak Number 23 unknown-02 Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.575 | 20.14 ng/ul | 2016970 | Naphthalene-d8 | 10.587 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6-Methylheptanoic acid | 144 | C8H16O2 | 000929-10-2 | 43 |
| 2 | Pentanoic acid, 1-methylethyl ester | 144 | C8H16O2 | 018362-97-5 | 22 |
| 3 | Butanoic acid, 2-methyl-, 1-meth... | 144 | C8H16O2 | 066576-71-4 | 14 |
| 4 | Butanoic acid, 2-methyl-, 1-meth... | 144 | C8H16O2 | 066576-71-4 | 14 |
| 5 | Butanoic acid, 2-methyl-, 2-meth... | 158 | C9H18O2 | 002445-67-2 | 10 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

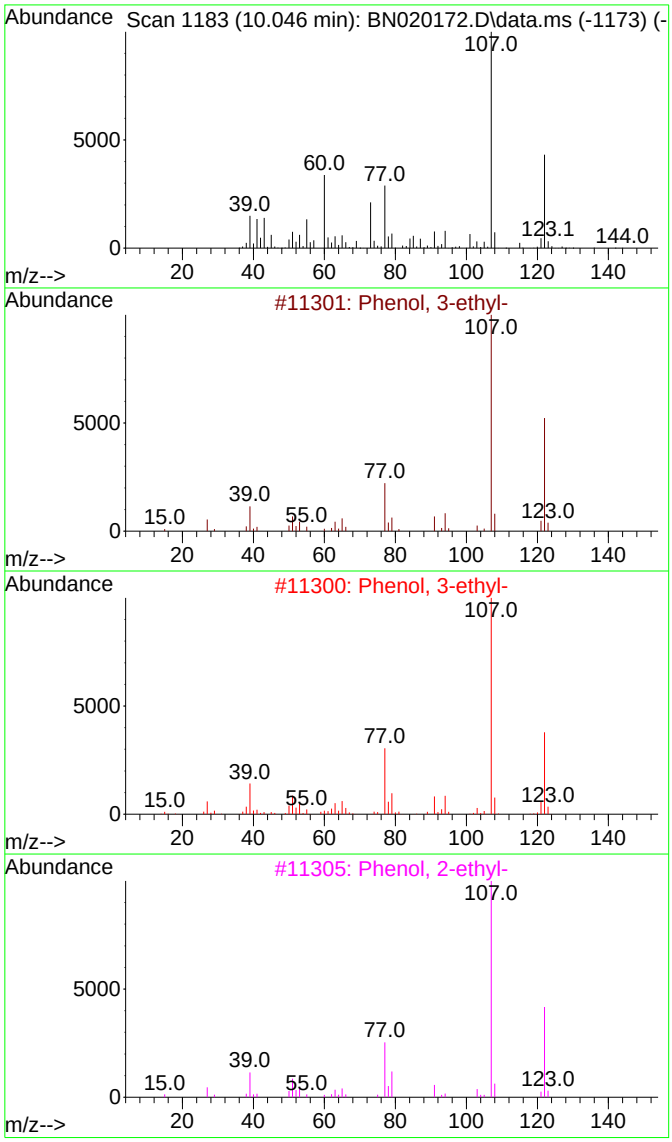
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

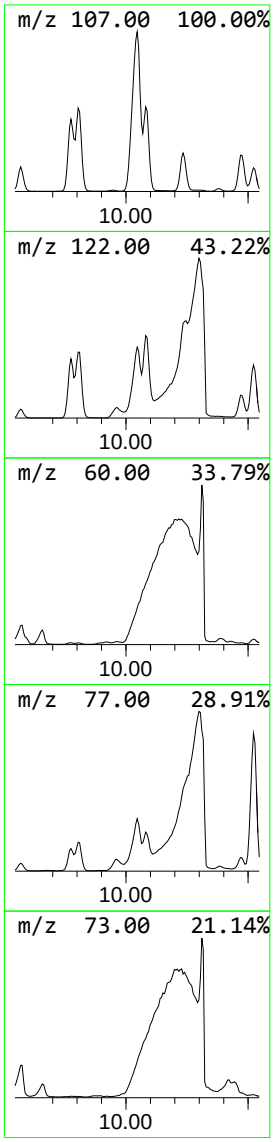
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 Phenol, 3-ethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.046 | 35.26 ng/ul | 3531610 | Naphthalene-d8 | 10.587 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 89 |
| 2 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 76 |
| 3 | Phenol, 2-ethyl- | 122 | C8H10O | 000090-00-6 | 76 |
| 4 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 70 |
| 5 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

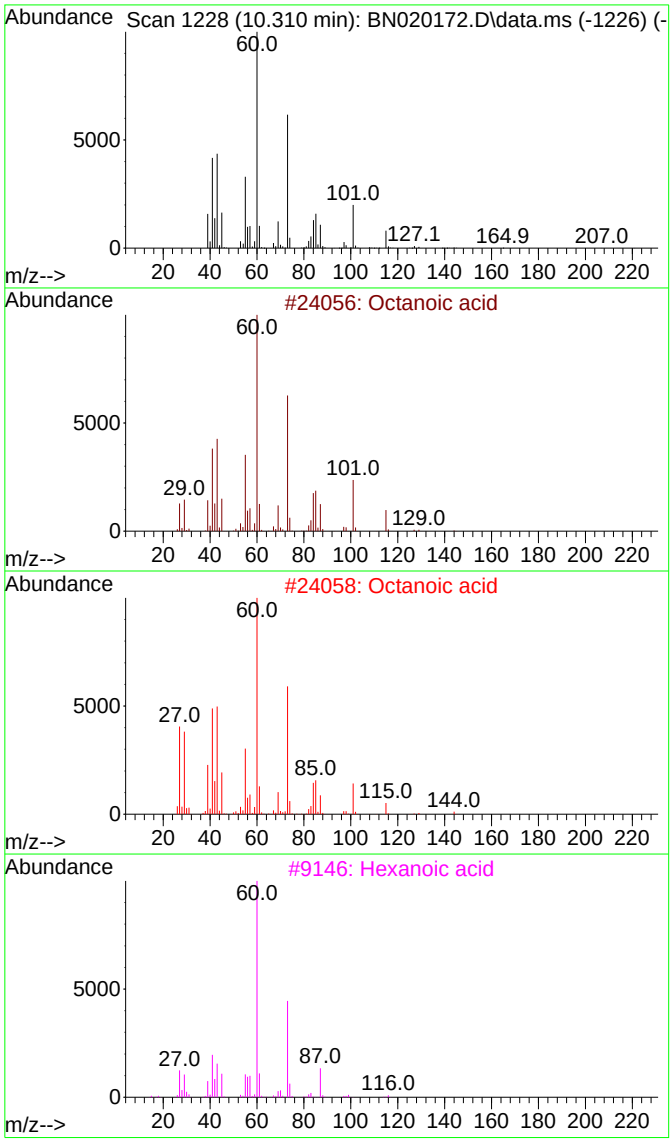
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

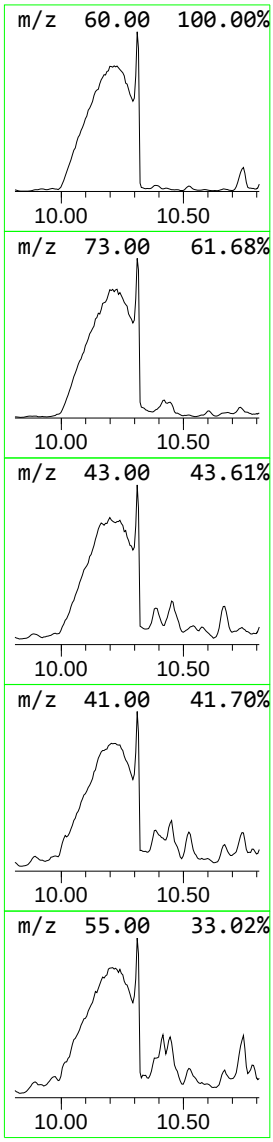
**********

Peak Number 28 Octanoic acid Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.310 | 39.43 ng/ul | 3950060 | Naphthalene-d8 | 10.587 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 97 |
| 2 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 80 |
| 3 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 68 |
| 4 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 64 |
| 5 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

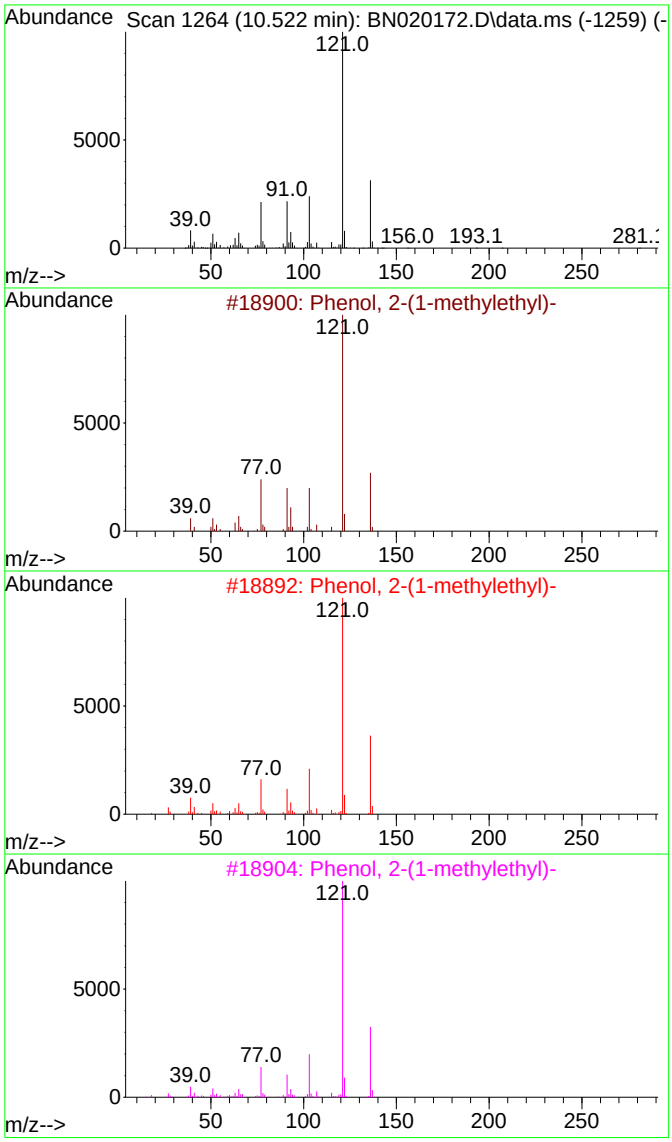
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

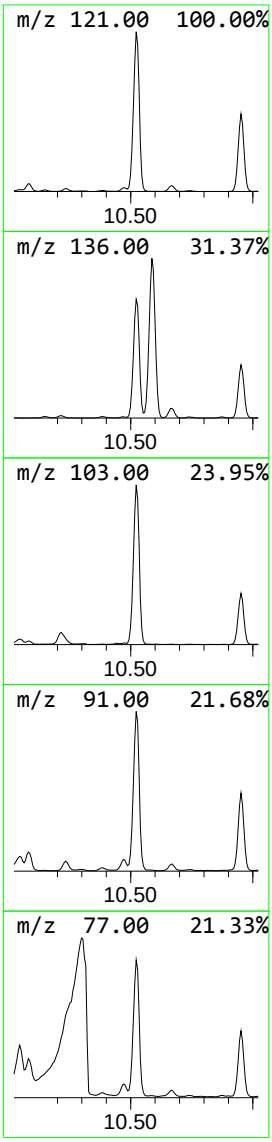
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 Phenol, 2-(1-methylethyl)- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.522 | 62.54 ng/ul | 6264240 | Naphthalene-d8 | 10.587 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-(1-methylethyl)- | 136 | C9H12O | 000088-69-7 | 94 |
| 2 | Phenol, 2-(1-methylethyl)- | 136 | C9H12O | 000088-69-7 | 93 |
| 3 | Phenol, 2-(1-methylethyl)- | 136 | C9H12O | 000088-69-7 | 91 |
| 4 | Phenol, 3-(1-methylethyl)- | 136 | C9H12O | 000618-45-1 | 86 |
| 5 | Phenol, 3-(1-methylethyl)- | 136 | C9H12O | 000618-45-1 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

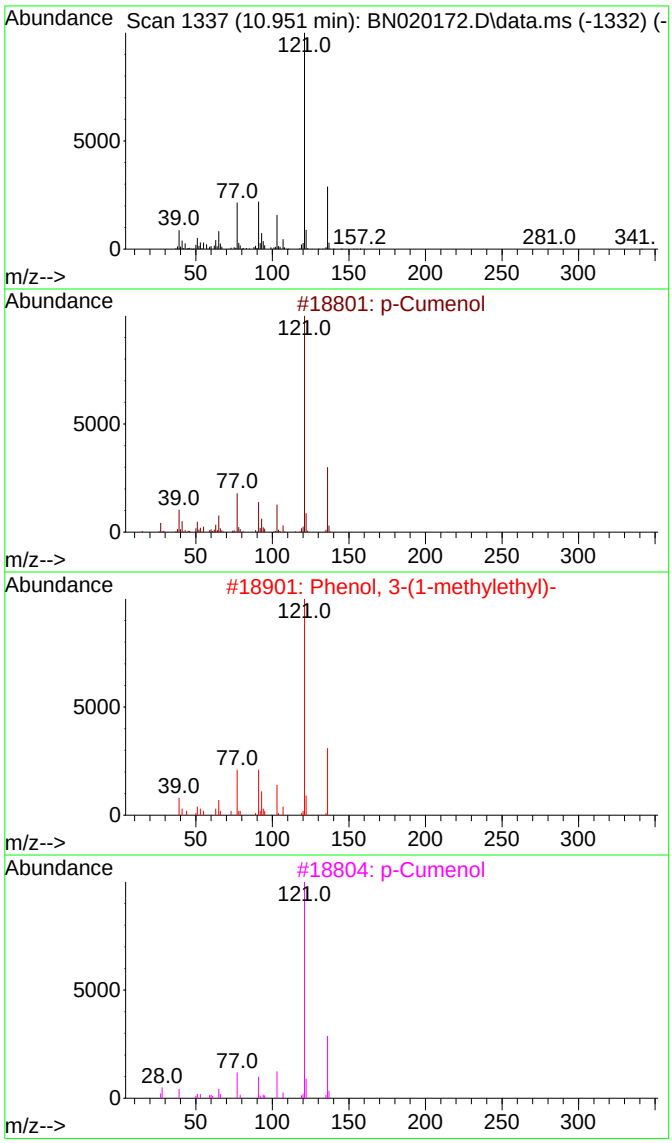
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

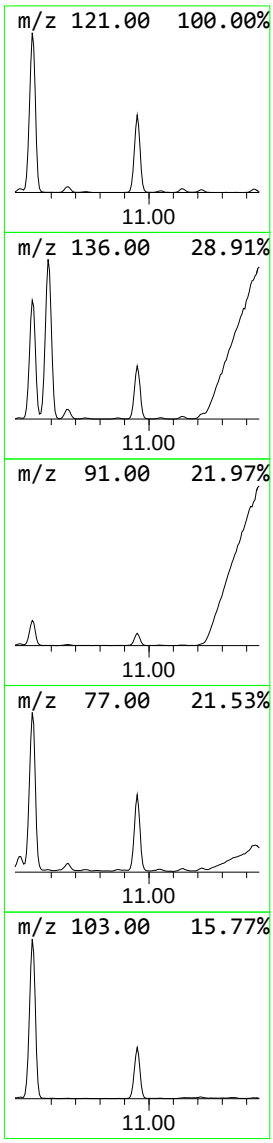
**********

Peak Number 36 p-Cumenol Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.951 | 33.17 ng/ul | 3322900 | Naphthalene-d8 | 10.587 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Cumenol | 136 | C9H12O | 000099-89-8 | 94 |
| 2 | Phenol, 3-(1-methylethyl)- | 136 | C9H12O | 000618-45-1 | 94 |
| 3 | p-Cumenol | 136 | C9H12O | 000099-89-8 | 91 |
| 4 | Phenol, 3-(1-methylethyl)- | 136 | C9H12O | 000618-45-1 | 91 |
| 5 | Phenol, 3-(1-methylethyl)- | 136 | C9H12O | 000618-45-1 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

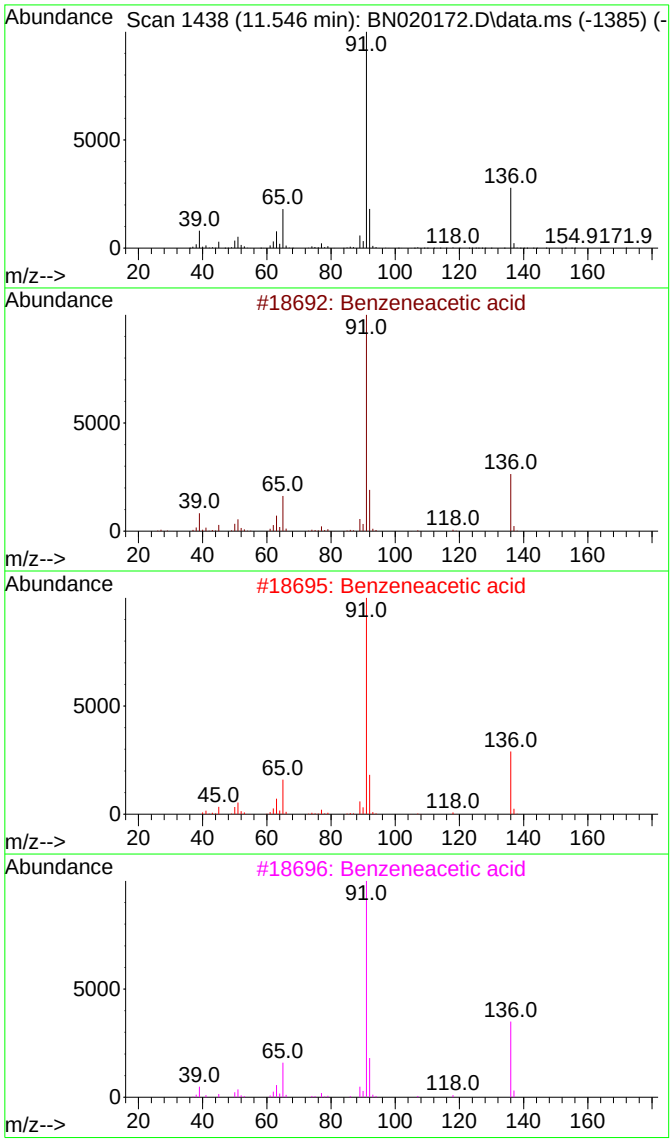
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

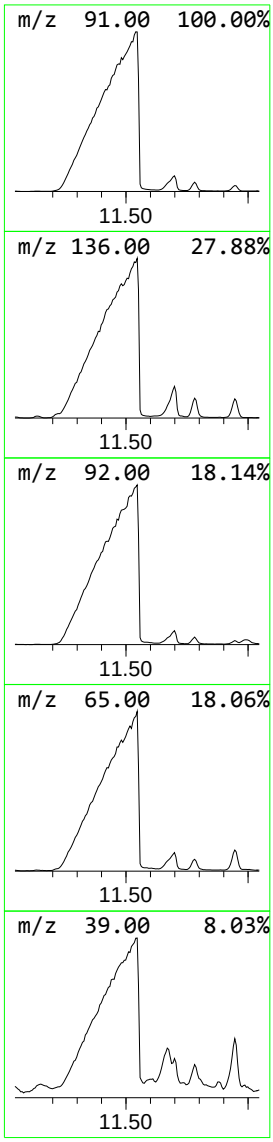
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 Benzeneacetic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.546 | 533.14 ng/ul | 53405000 | Naphthalene-d8 | 10.587 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzeneacetic acid | 136 | C8H8O2 | 000103-82-2 | 95 |
| 2 | Benzeneacetic acid | 136 | C8H8O2 | 000103-82-2 | 94 |
| 3 | Benzeneacetic acid | 136 | C8H8O2 | 000103-82-2 | 91 |
| 4 | Benzeneacetic acid | 136 | C8H8O2 | 000103-82-2 | 90 |
| 5 | Benzoic acid, 4-methyl- | 136 | C8H8O2 | 000099-94-5 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

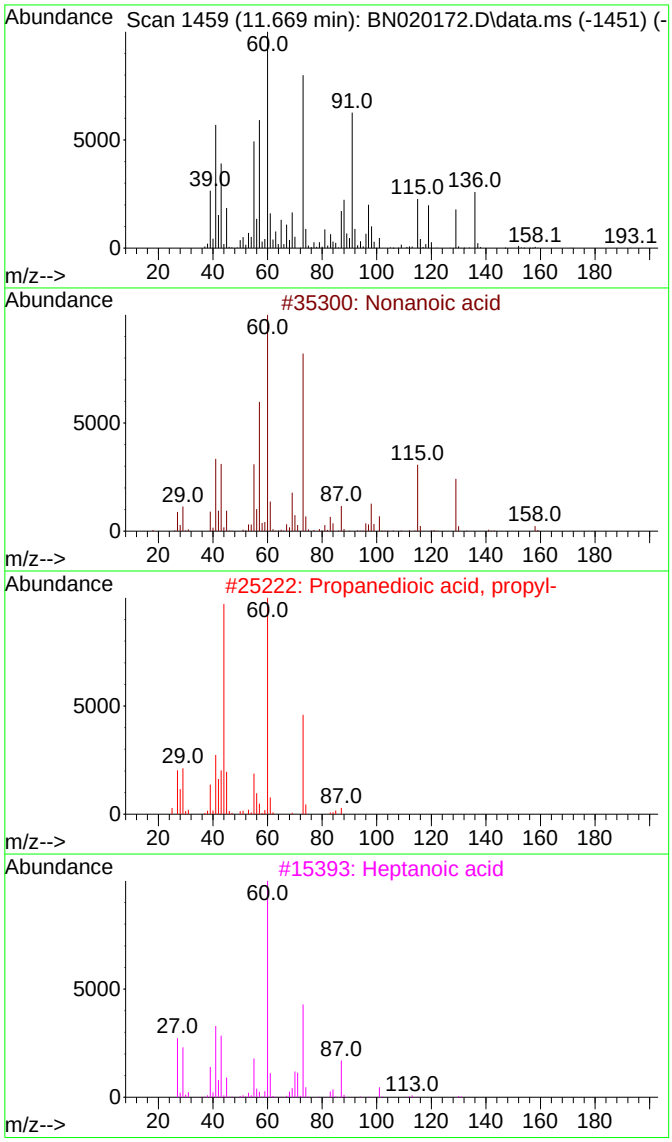
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

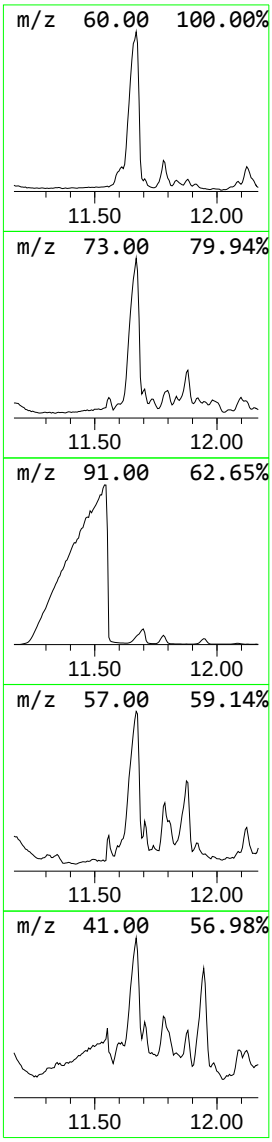
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 unknown-03 Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.669 | 31.91 ng/ul | 3196070 | Naphthalene-d8 | 10.587 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonanoic acid | 158 | C9H18O2 | 000112-05-0 | 49 |
| 2 | Propanedioic acid, propyl- | 146 | C6H10O4 | 000616-62-6 | 35 |
| 3 | Heptanoic acid | 130 | C7H14O2 | 000111-14-8 | 35 |
| 4 | Nonanoic acid | 158 | C9H18O2 | 000112-05-0 | 35 |
| 5 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

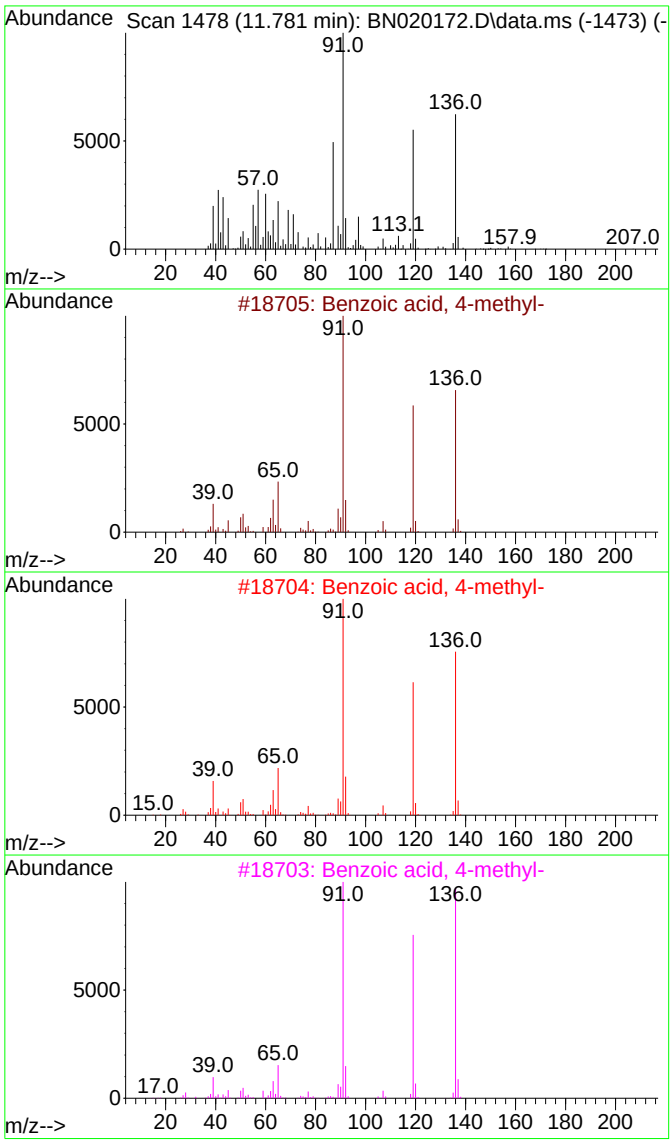
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

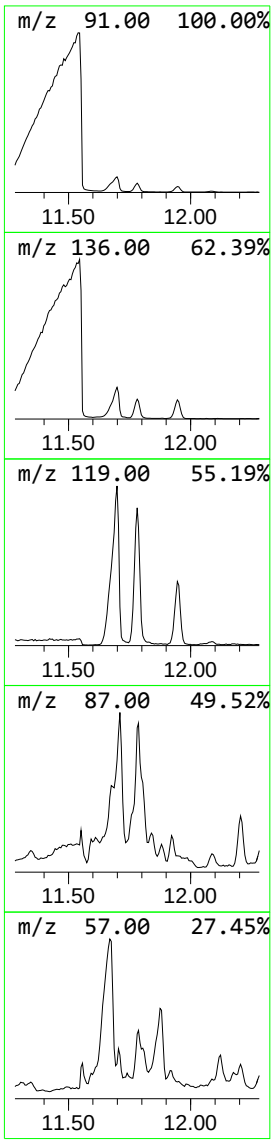
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 Benzoic acid, 4-methyl- Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.781 | 16.03 ng/ul | 1605870 | Naphthalene-d8 | 10.587 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, 4-methyl- | 136 | C8H8O2 | 000099-94-5 | 96 |
| 2 | Benzoic acid, 4-methyl- | 136 | C8H8O2 | 000099-94-5 | 96 |
| 3 | Benzoic acid, 4-methyl- | 136 | C8H8O2 | 000099-94-5 | 91 |
| 4 | Benzoic acid, 4-methyl- | 136 | C8H8O2 | 000099-94-5 | 91 |
| 5 | Benzoic acid, 4-methyl- | 136 | C8H8O2 | 000099-94-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

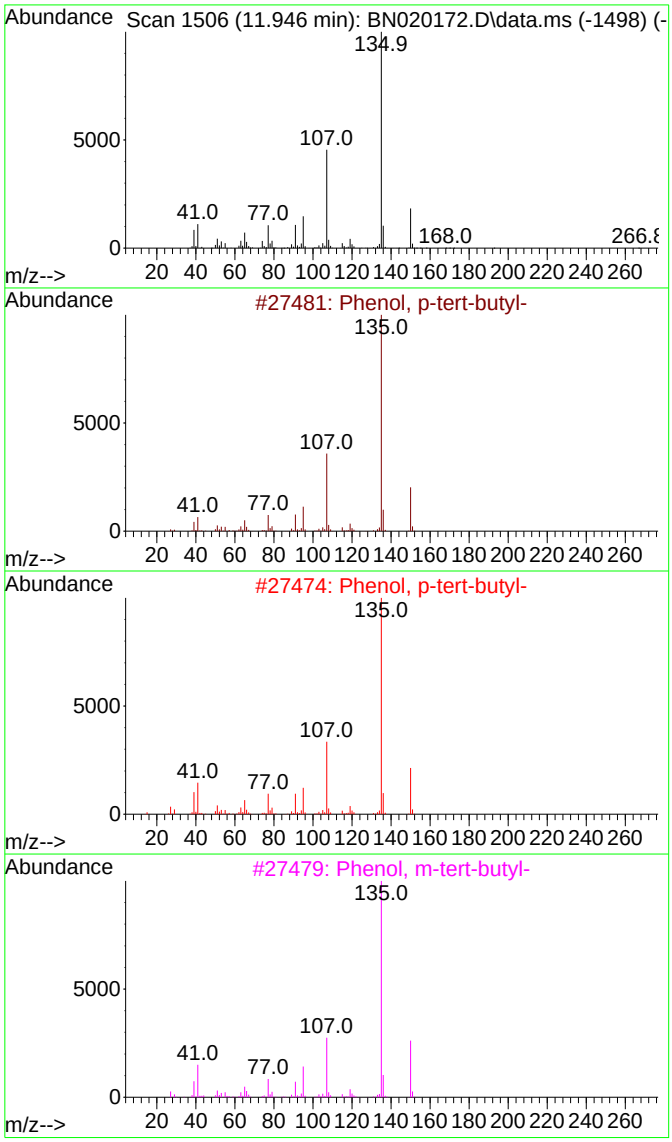
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

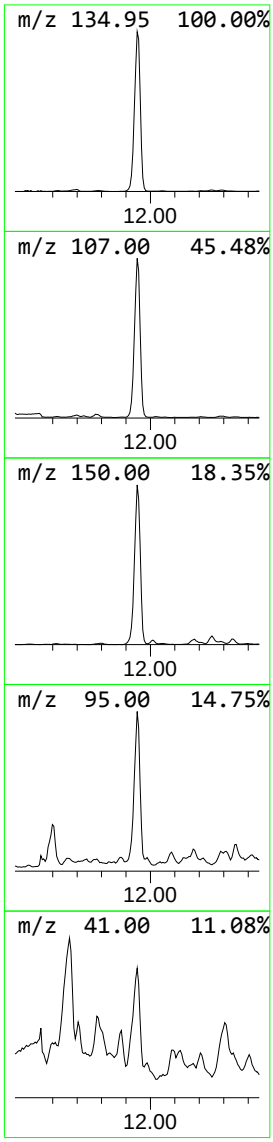
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 44 Phenol, p-tert-butyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.946 | 41.87 ng/ul | 4194440 | Naphthalene-d8 | 10.587 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 97 |
| 2 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 94 |
| 3 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 93 |
| 4 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 91 |
| 5 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 91 |



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Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

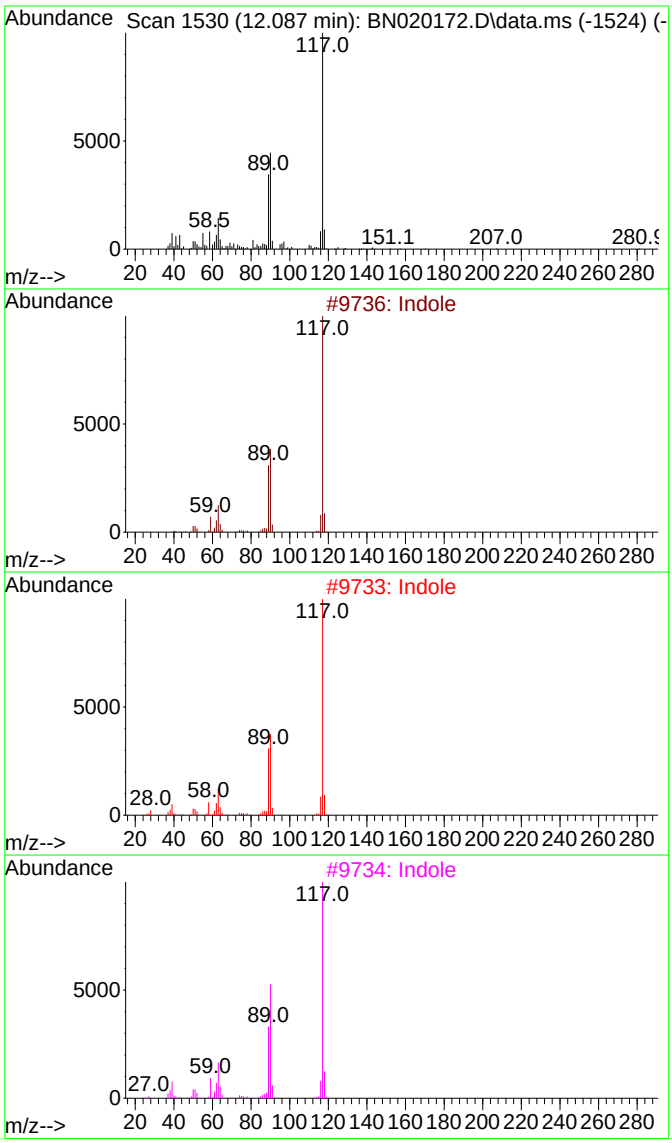
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

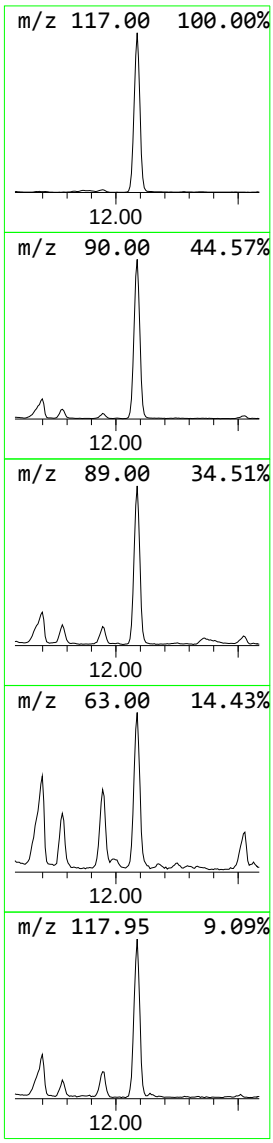
**********

Peak Number 45 Indole Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.087 | 20.04 ng/ul | 2007310 | Naphthalene-d8 | 10.587 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indole | 117 | C8H7N | 000120-72-9 | 97 |
| 2 | Indole | 117 | C8H7N | 000120-72-9 | 96 |
| 3 | Indole | 117 | C8H7N | 000120-72-9 | 91 |
| 4 | Indole | 117 | C8H7N | 000120-72-9 | 91 |
| 5 | Indolizine | 117 | C8H7N | 000274-40-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

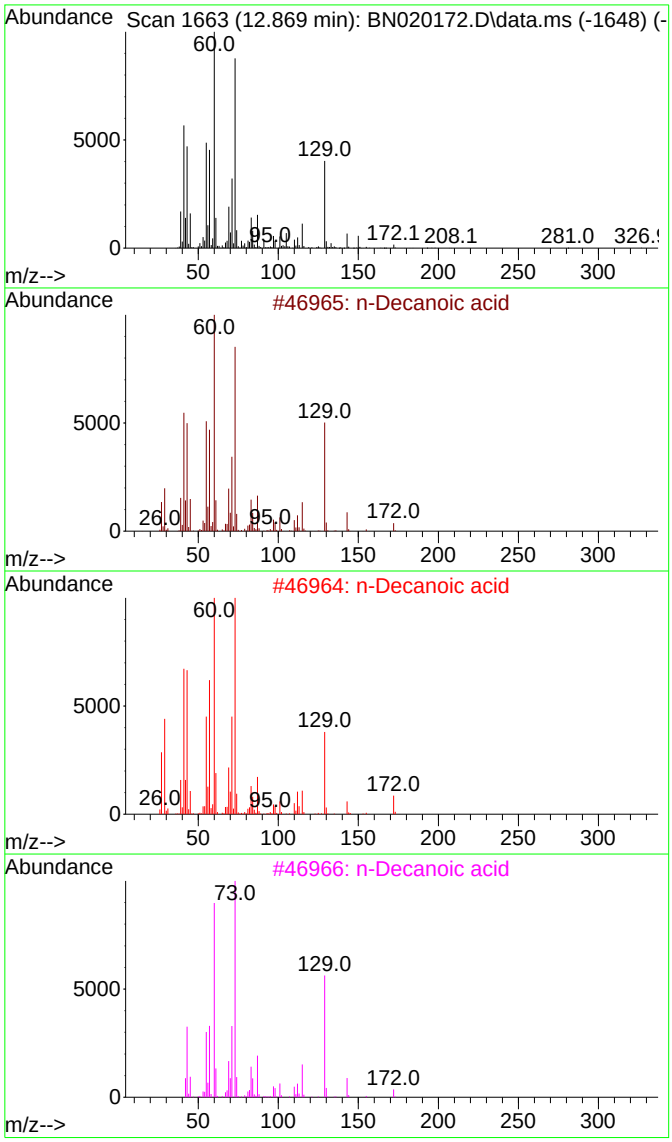
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

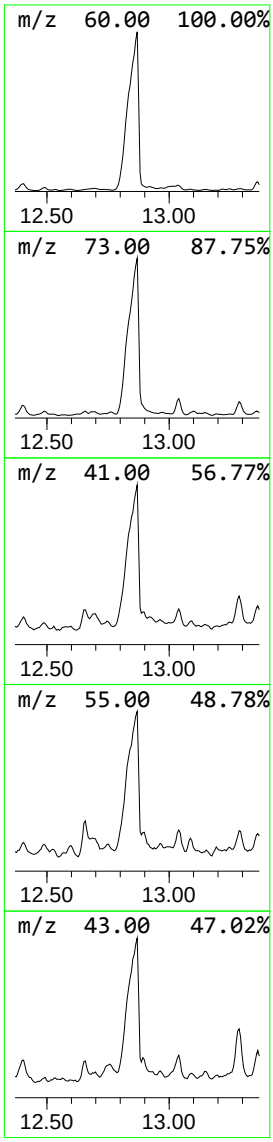
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 48 n-Decanoic acid Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.869 | 55.90 ng/ul | 7747400 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 97 |
| 2 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 90 |
| 3 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 68 |
| 4 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 64 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

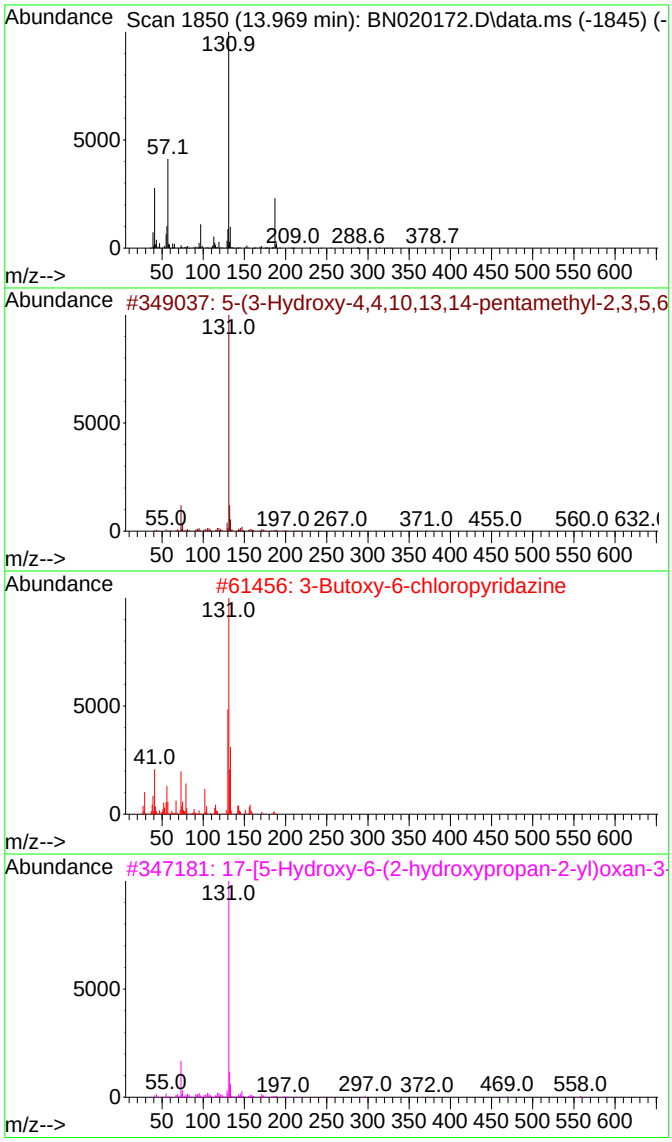
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

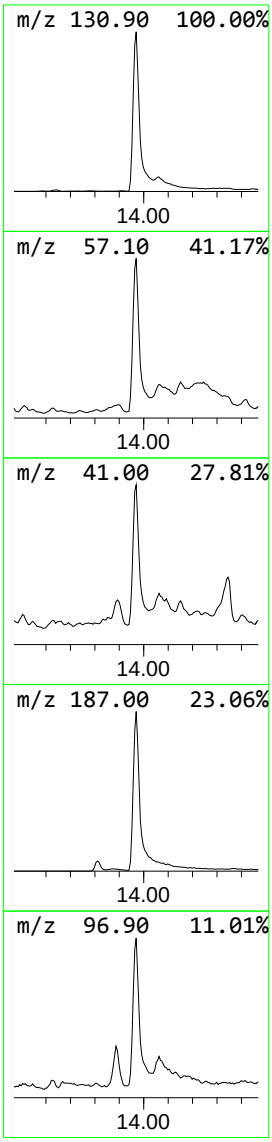
**********

Peak Number 56 unknown-04 Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.969 | 34.97 ng/ul | 4846130 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-(3-Hydroxy-4,4,10,13,14-pentam... | 690 | C39H74O4Si3 | 1000495-09-2 | 9 |
| 2 | 3-Butoxy-6-chloropyridazine | 186 | C8H11ClN2O | 017321-22-1 | 9 |
| 3 | 17-[5-Hydroxy-6-(2-hydroxypropan... | 616 | C36H64O4Si2 | 1000495-01-0 | 9 |
| 4 | 1,5-Naphthalenediol, decahydro-2... | 472 | C24H52O3Si3 | 1000493-45-5 | 9 |
| 5 | 1-Butanol, TBDMS derivative | 188 | C10H24OSi | 1000333-04-7 | 7 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

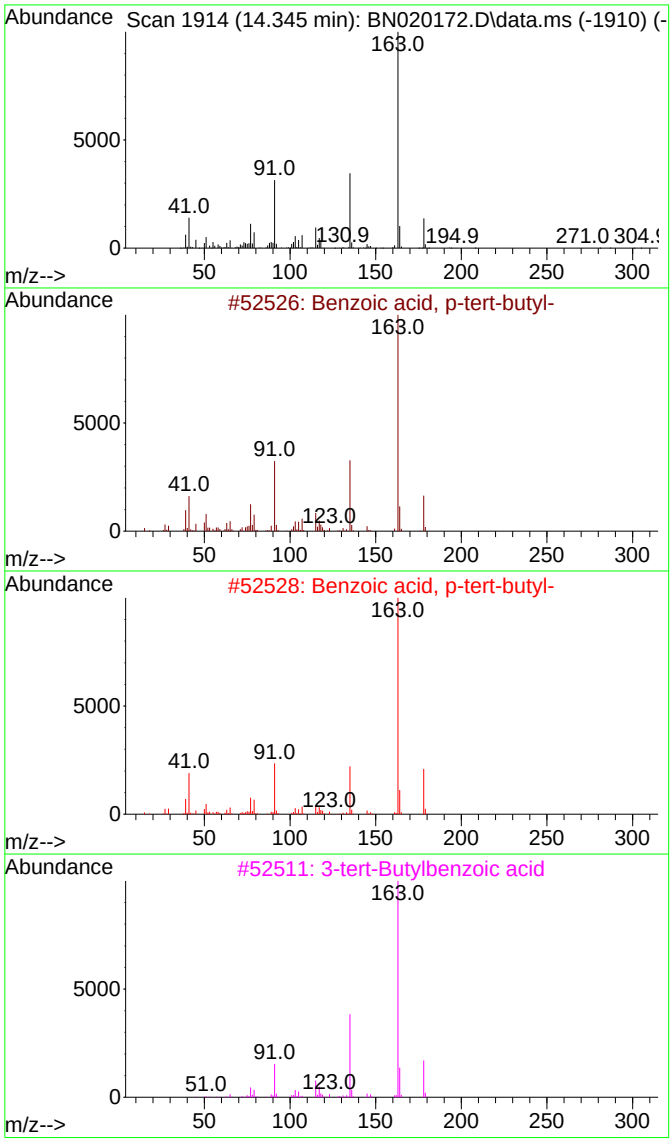
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

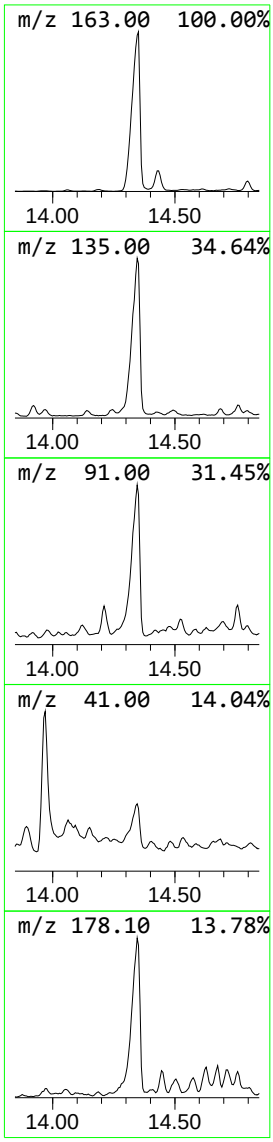
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 58 Benzoic acid, p-tert-butyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.345 | 23.65 ng/ul | 3278170 | Acenaphthene-d10 | 14.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, p-tert-butyl- | 178 | C11H14O2 | 000098-73-7 | 94 |
| 2 | Benzoic acid, p-tert-butyl- | 178 | C11H14O2 | 000098-73-7 | 93 |
| 3 | 3-tert-Butylbenzoic acid | 178 | C11H14O2 | 007498-54-6 | 90 |
| 4 | Benzoic acid, p-tert-butyl- | 178 | C11H14O2 | 000098-73-7 | 68 |
| 5 | Benzaldehyde, 5-(1,1-dimethyleth... | 178 | C11H14O2 | 002725-53-3 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

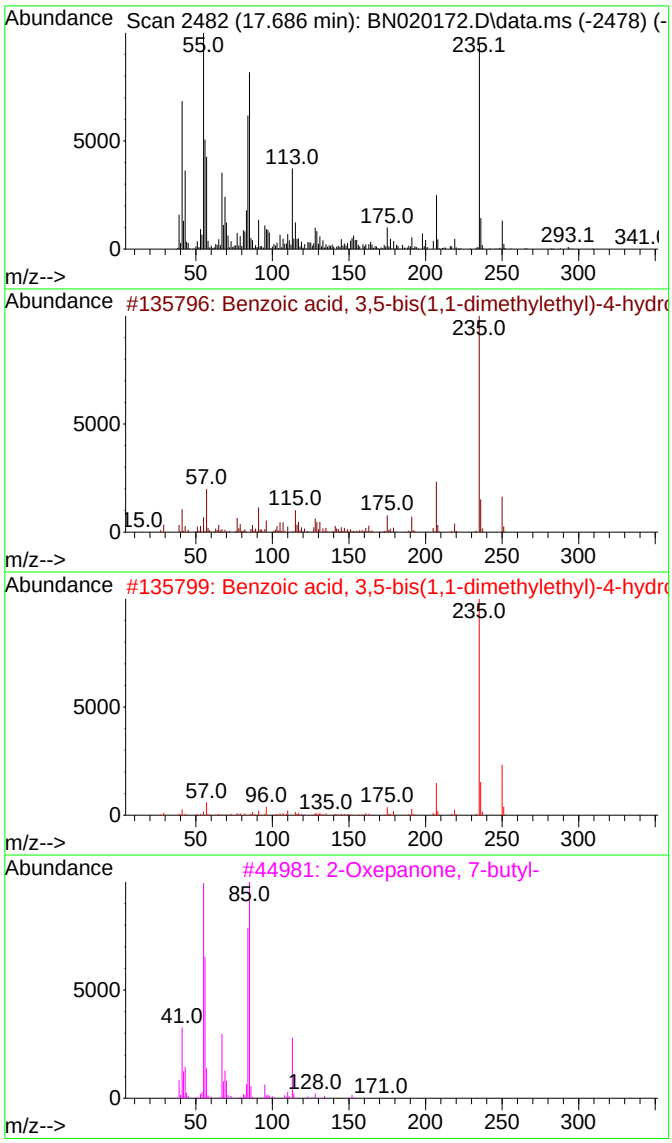
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

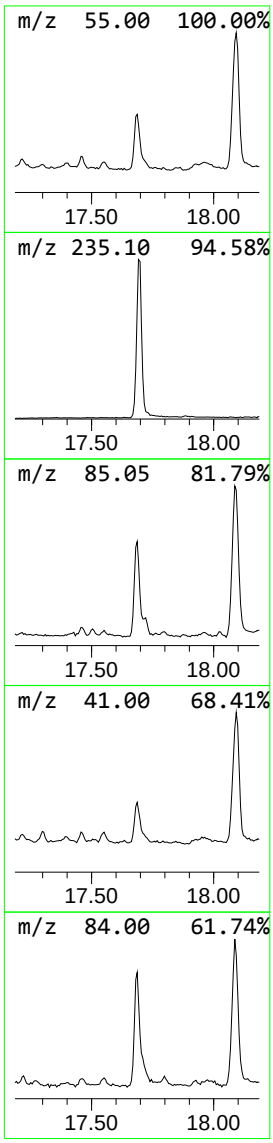
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 69 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.686 | 16.53 ng/ul | 1915740 | Phenanthrene-d10 | 17.169 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 95 |
| 2 | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 80 |
| 3 | 2-Oxepanone, 7-butyl- | 170 | C10H18O2 | 005579-78-2 | 43 |
| 4 | 2-Oxepanone, 7-hexyl- | 198 | C12H22O2 | 016429-21-3 | 43 |
| 5 | 7-Octyloxepan-2-one | 226 | C14H26O2 | 003041-18-7 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

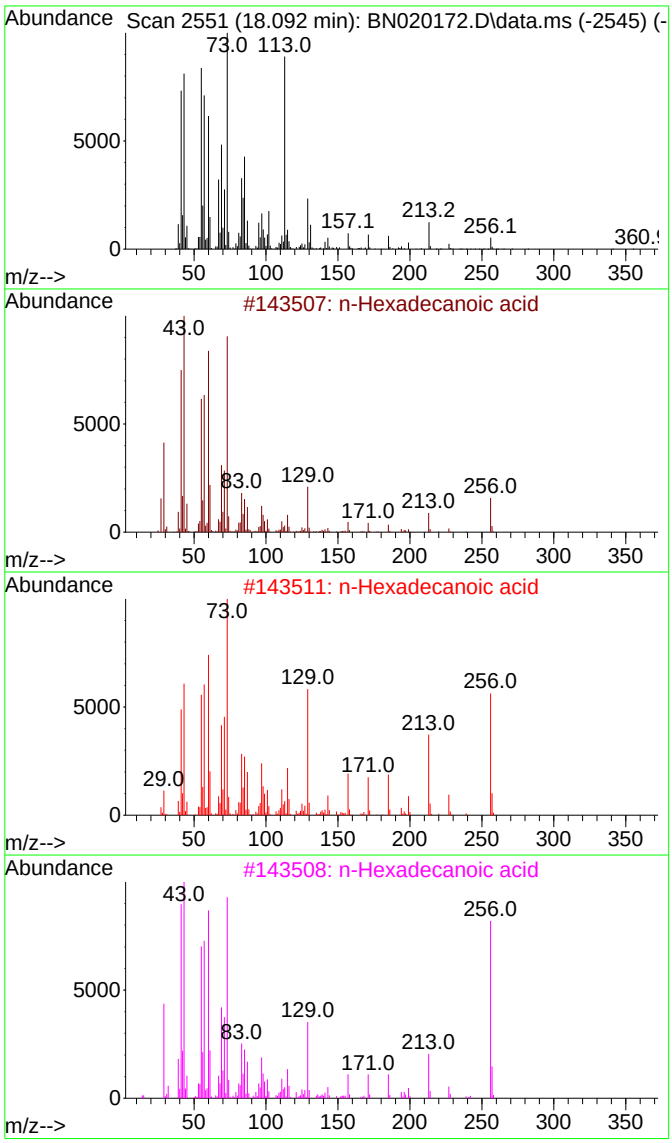
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

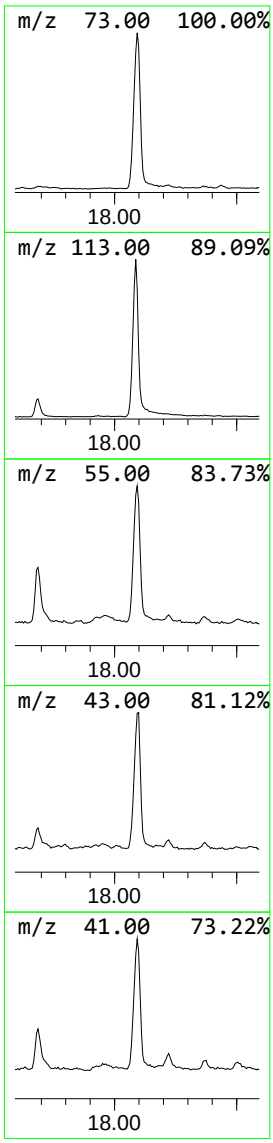
**********

Peak Number 70 n-Hexadecanoic acid Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.092 | 38.21 ng/ul | 4430050 | Phenanthrene-d10 | 17.169 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 76 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 70 |
| 5 | Piperidine-2,5-dione | 113 | C5H7NO2 | 052065-78-8 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

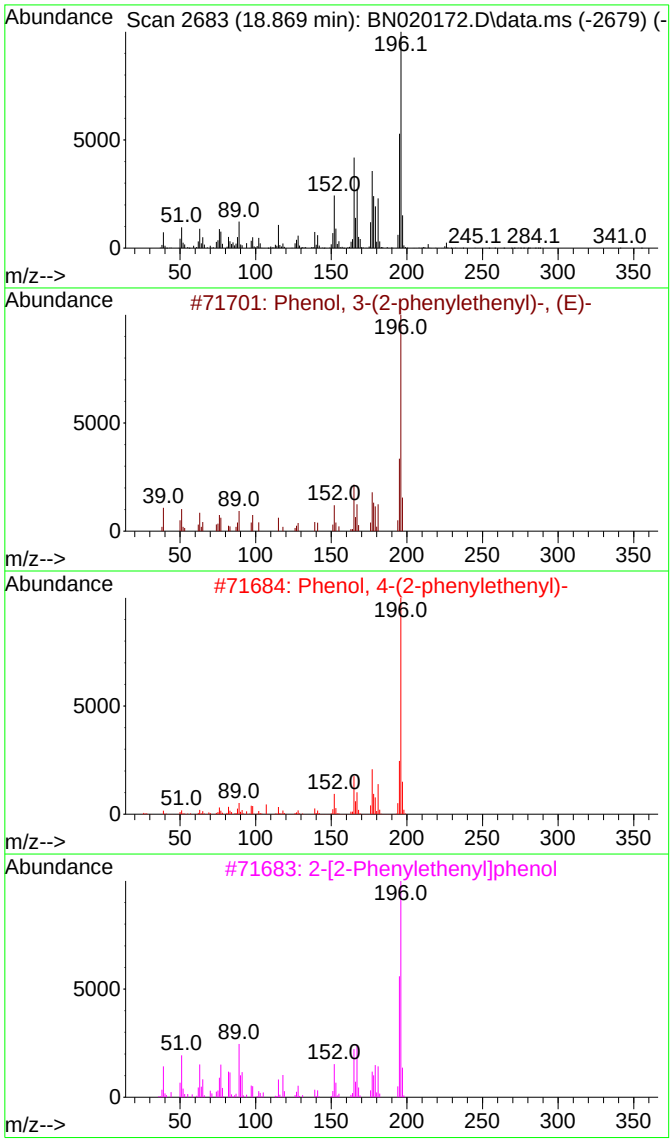
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

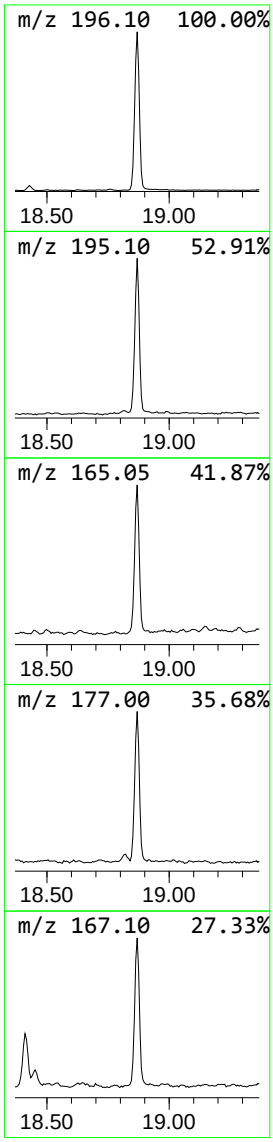
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 72 Phenol, 3-(2-phenylethenyl)... Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.869 | 17.17 ng/ul | 1990740 | Phenanthrene-d10 | 17.169 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3-(2-phenylethenyl)-, (E)- | 196 | C14H12O | 017861-18-6 | 93 |
| 2 | Phenol, 4-(2-phenylethenyl)- | 196 | C14H12O | 003839-46-1 | 83 |
| 3 | 2-[2-Phenylethenyl]phenol | 196 | C14H12O | 042224-48-6 | 81 |
| 4 | Phenol, 4-(2-phenylethenyl)-, (E)- | 196 | C14H12O | 006554-98-9 | 81 |
| 5 | Phenol, 4-(2-phenylethenyl)-, (E)- | 196 | C14H12O | 006554-98-9 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

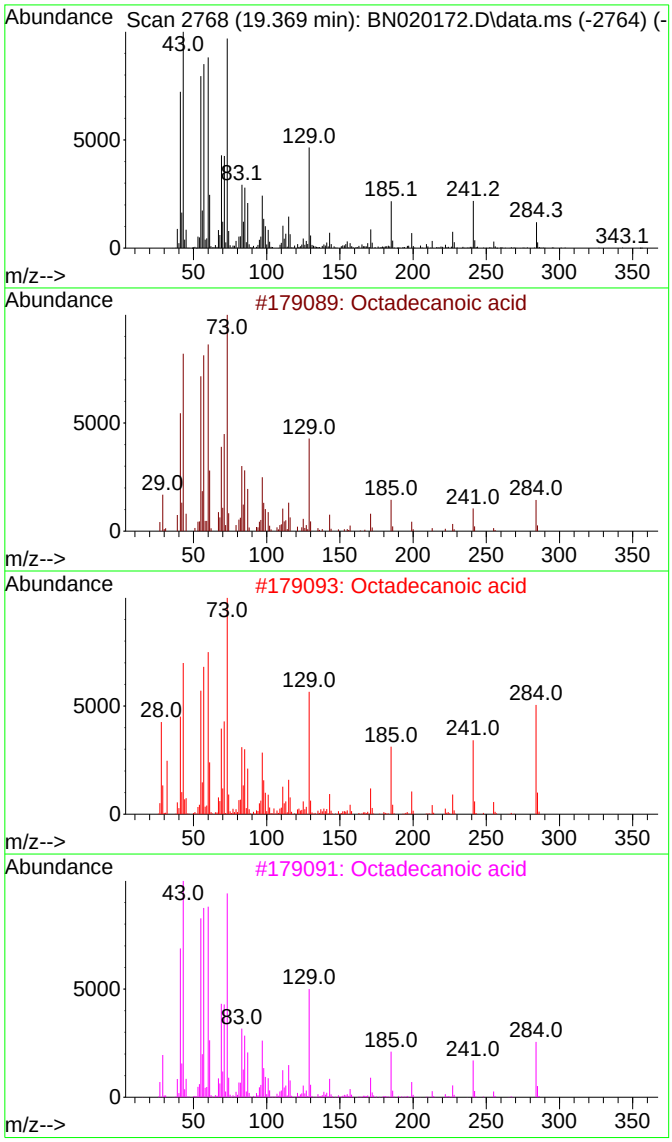
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

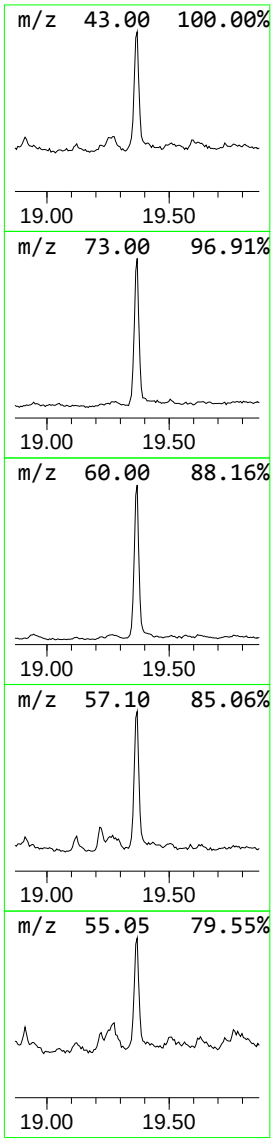
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 73 Octadecanoic acid Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.369 | 16.09 ng/ul | 1299390 | Chrysene-d12 | 21.363 |

| 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 | 99 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

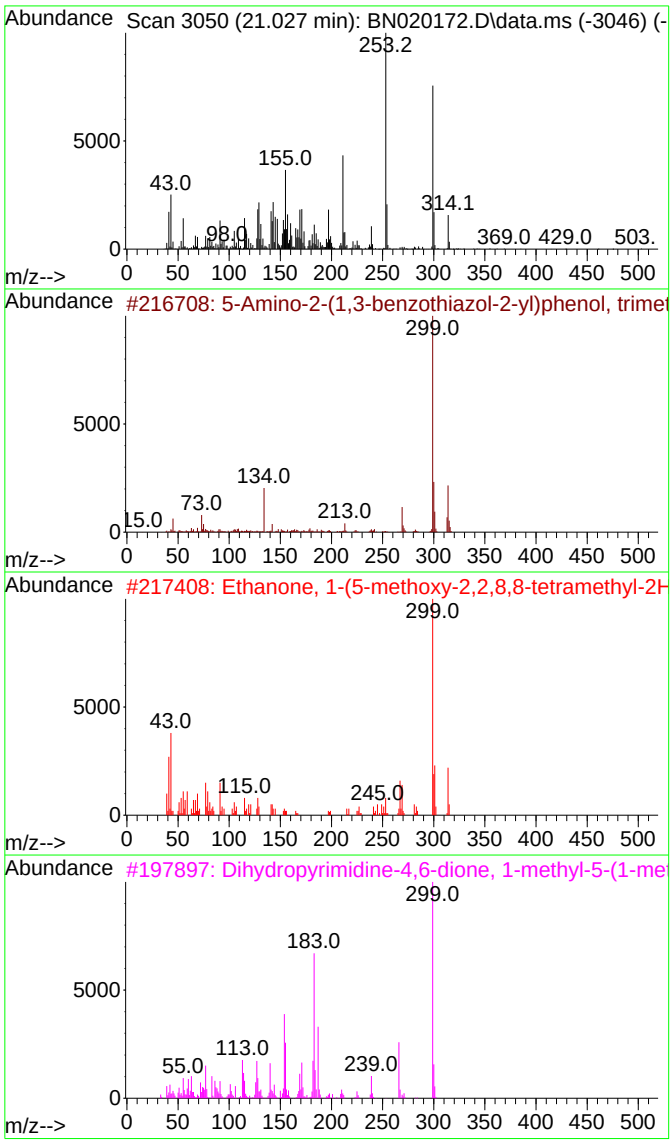
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

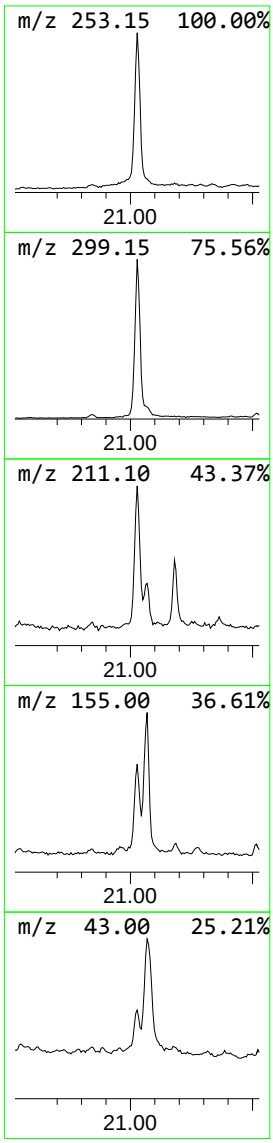
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 75 unknown-05 Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.027 | 18.13 ng/ul | 1464090 | Chrysene-d12 | 21.363 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Amino-2-(1,3-benzothiazol-2-yl... | 314 | C16H18N2OSSi | 1000476-30-3 | 35 |
| 2 | Ethanone, 1-(5-methoxy-2,2,8,8-t... | 314 | C19H22O4 | 003818-99-3 | 22 |
| 3 | Dihydropyrimidine-4,6-dione, 1-m... | 299 | C15H13N3O2S | 1000304-32-5 | 22 |
| 4 | 2-Phenyl-7,8-benzocinchoninic acid | 299 | C20H13NO2 | 005278-87-5 | 22 |
| 5 | Silanol, trimethyl-, phosphate (... | 314 | C9H27O4PSi3 | 010497-05-9 | 20 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

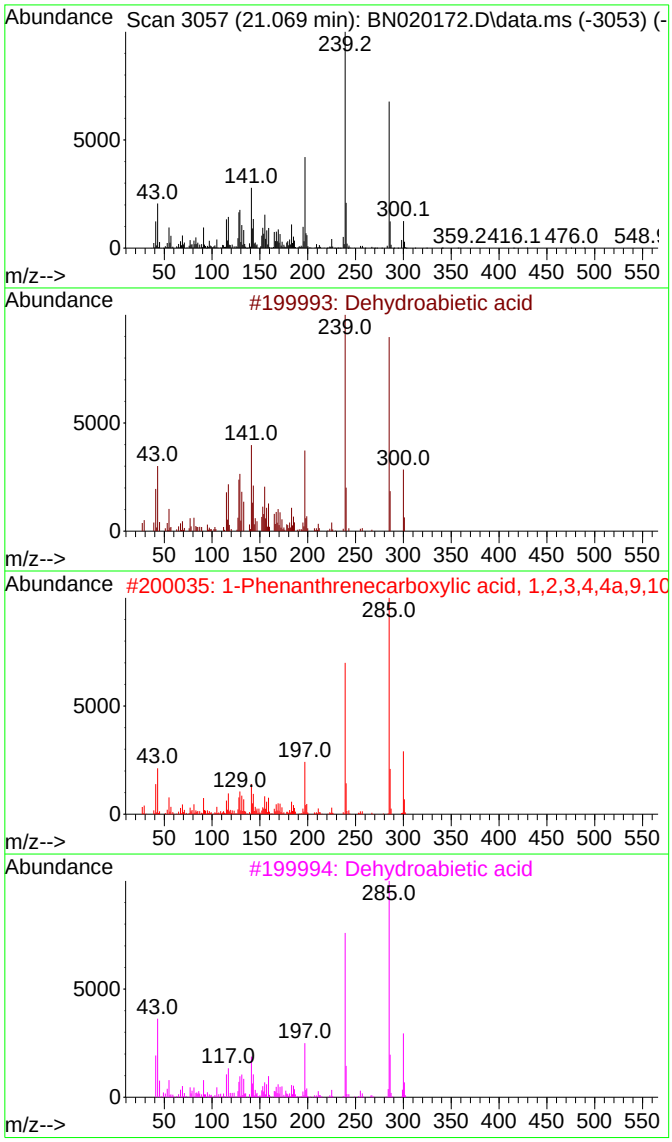
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION

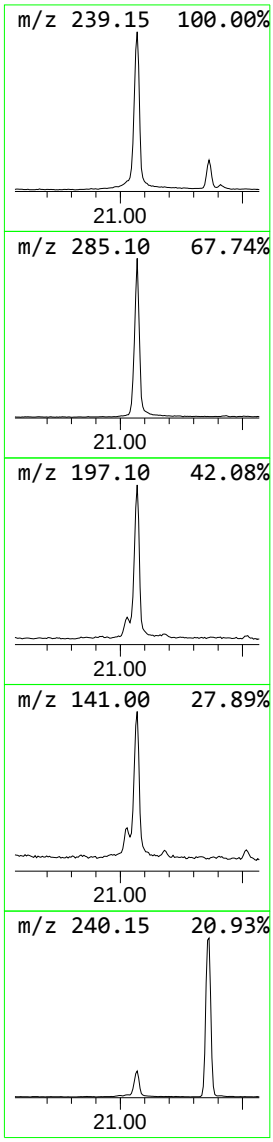
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 76 Dehydroabietic acid Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.069 | 55.59 ng/ul | 4490040 | Chrysene-d12 | 21.363 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dehydroabietic acid | 300 | C20H28O2 | 001740-19-8 | 99 |
| 2 | 1-Phenanthrenecarboxylic acid, 1... | 300 | C20H28O2 | 005155-70-4 | 96 |
| 3 | Dehydroabietic acid | 300 | C20H28O2 | 001740-19-8 | 94 |
| 4 | Dehydroabietic acid | 300 | C20H28O2 | 001740-19-8 | 83 |
| 5 | Dehydroabietic acid | 300 | C20H28O2 | 001740-19-8 | 78 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020172.D
Acq On : 15 Jun 2022 13:27
Operator : CG/JU
Sample : N3285-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
EW4P5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.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-Butanol, 2-me... | 3.599 | 25.1 | ng/ul | 2419830 | 1 | 7.799 | 1925840 | 20.0 |
| Propanoic acid,... | 3.775 | 19.9 | ng/ul | 1912650 | 1 | 7.799 | 1925840 | 20.0 |
| 2-Hexanol | 3.846 | 164.2 | ng/ul | 15809500 | 1 | 7.799 | 1925840 | 20.0 |
| 1-Pentanol | 3.917 | 27.4 | ng/ul | 2639430 | 1 | 7.799 | 1925840 | 20.0 |
| Butanoic acid, ... | 5.216 | 357.3 | ng/ul | 34406600 | 1 | 7.799 | 1925840 | 20.0 |
| Butanoic acid, ... | 5.334 | 73.1 | ng/ul | 7041100 | 1 | 7.799 | 1925840 | 20.0 |
| Pentanoic acid | 5.593 | 16.5 | ng/ul | 1587800 | 1 | 7.799 | 1925840 | 20.0 |
| 1-Hexanol, 2-et... | 7.893 | 50.7 | ng/ul | 4884640 | 1 | 7.799 | 1925840 | 20.0 |
| Hexanoic acid, ... | 8.158 | 18.9 | ng/ul | 1815110 | 1 | 7.799 | 1925840 | 20.0 |
| unknown-01 | 8.852 | 31.4 | ng/ul | 3027850 | 1 | 7.799 | 1925840 | 20.0 |
| Hexanoic acid, ... | 9.328 | 90.6 | ng/ul | 9076810 | 2 | 10.587 | 2003390 | 20.0 |
| unknown-02 | 9.575 | 20.1 | ng/ul | 2016970 | 2 | 10.587 | 2003390 | 20.0 |
| Phenol, 3-ethyl- | 10.046 | 35.3 | ng/ul | 3531610 | 2 | 10.587 | 2003390 | 20.0 |
| Octanoic acid | 10.310 | 39.4 | ng/ul | 3950060 | 2 | 10.587 | 2003390 | 20.0 |
| Phenol, 2-(1-me... | 10.522 | 62.5 | ng/ul | 6264240 | 2 | 10.587 | 2003390 | 20.0 |
| p-Cumenol | 10.951 | 33.2 | ng/ul | 3322900 | 2 | 10.587 | 2003390 | 20.0 |
| Benzeneacetic acid | 11.546 | 533.1 | ng/ul | 53405000 | 2 | 10.587 | 2003390 | 20.0 |
| unknown-03 | 11.669 | 31.9 | ng/ul | 3196070 | 2 | 10.587 | 2003390 | 20.0 |
| Benzoic acid, 4... | 11.781 | 16.0 | ng/ul | 1605870 | 2 | 10.587 | 2003390 | 20.0 |
| Phenol, p-tert-... | 11.946 | 41.9 | ng/ul | 4194440 | 2 | 10.587 | 2003390 | 20.0 |
| Indole | 12.087 | 20.0 | ng/ul | 2007310 | 2 | 10.587 | 2003390 | 20.0 |
| n-Decanoic acid | 12.869 | 55.9 | ng/ul | 7747400 | 3 | 14.428 | 2771820 | 20.0 |
| unknown-04 | 13.969 | 35.0 | ng/ul | 4846130 | 3 | 14.428 | 2771820 | 20.0 |
| Benzoic acid, p... | 14.345 | 23.6 | ng/ul | 3278170 | 3 | 14.428 | 2771820 | 20.0 |
| Benzoic acid, 3... | 17.686 | 16.5 | ng/ul | 1915740 | 4 | 17.169 | 2318550 | 20.0 |
| n-Hexadecanoic ... | 18.092 | 38.2 | ng/ul | 4430050 | 4 | 17.169 | 2318550 | 20.0 |
| Phenol, 3-(2-ph... | 18.869 | 17.2 | ng/ul | 1990740 | 4 | 17.169 | 2318550 | 20.0 |
| Octadecanoic acid | 19.369 | 16.1 | ng/ul | 1299390 | 5 | 21.363 | 1615400 | 20.0 |
| unknown-05 | 21.027 | 18.1 | ng/ul | 1464090 | 5 | 21.363 | 1615400 | 20.0 |
| Dehydroabietic ... | 21.069 | 55.6 | ng/ul | 4490040 | 5 | 21.363 | 1615400 | 20.0 |