LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0B53

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-BP092424.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022007.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.193 | 29 | 35 | 54 | rBV | 3302416 | 4690004 | 14.53% | 5.034% |
| 2 | 3.640 | 107 | 111 | 123 | rBV | 100855 | 154575 | 0.48% | 0.166% |
| 3 | 3.964 | 161 | 166 | 176 | rVB | 84336 | 119276 | 0.37% | 0.128% |
| 4 | 4.487 | 248 | 255 | 265 | rBV | 1300429 | 1867625 | 5.78% | 2.004% |
| 5 | 5.046 | 343 | 350 | 360 | rBV2 | 47128 | 91233 | 0.28% | 0.098% |
| 6 | 5.264 | 380 | 387 | 396 | rBV | 418451 | 625263 | 1.94% | 0.671% |
| 7 | 5.393 | 402 | 409 | 419 | rBV | 1301575 | 2509107 | 7.77% | 2.693% |
| 8 | 5.758 | 465 | 471 | 479 | rVB | 1146705 | 1720487 | 5.33% | 1.847% |
| 9 | 5.834 | 479 | 484 | 490 | rVB3 | 17974 | 32814 | 0.10% | 0.035% |
| 10 | 6.234 | 543 | 552 | 560 | rBV3 | 48948 | 113826 | 0.35% | 0.122% |
| 11 | 6.375 | 565 | 576 | 582 | rVV6 | 18164 | 40611 | 0.13% | 0.044% |
| 12 | 6.722 | 624 | 635 | 641 | rBV | 18577206 | 32288737 | 100.00% | 34.654% |
| 13 | 6.816 | 645 | 651 | 656 | rVV | 350372 | 496225 | 1.54% | 0.533% |
| 14 | 6.875 | 656 | 661 | 668 | rVV2 | 201761 | 444293 | 1.38% | 0.477% |
| 15 | 6.946 | 668 | 673 | 679 | rVB | 279568 | 410180 | 1.27% | 0.440% |
| 16 | 7.046 | 684 | 690 | 696 | rVV | 347904 | 567152 | 1.76% | 0.609% |
| 17 | 7.110 | 696 | 701 | 706 | rVV | 299046 | 460255 | 1.43% | 0.494% |
| 18 | 7.163 | 706 | 710 | 715 | rVV4 | 46541 | 80035 | 0.25% | 0.086% |
| 19 | 7.246 | 718 | 724 | 733 | rVV | 423985 | 728591 | 2.26% | 0.782% |
| 20 | 7.322 | 733 | 737 | 739 | rVV2 | 33767 | 50629 | 0.16% | 0.054% |
| 21 | 7.369 | 739 | 745 | 751 | rVV | 839654 | 1324295 | 4.10% | 1.421% |
| 22 | 7.422 | 751 | 754 | 763 | rVB4 | 27641 | 51649 | 0.16% | 0.055% |
| 23 | 7.587 | 775 | 782 | 784 | rBV | 89072 | 142758 | 0.44% | 0.153% |
| 24 | 7.616 | 784 | 787 | 795 | rVV | 108664 | 173598 | 0.54% | 0.186% |
| 25 | 7.710 | 796 | 803 | 807 | rVV | 338171 | 533453 | 1.65% | 0.573% |
| 26 | 7.752 | 807 | 810 | 816 | rVV | 136046 | 209867 | 0.65% | 0.225% |
| 27 | 7.822 | 816 | 822 | 833 | rVB | 722353 | 1229202 | 3.81% | 1.319% |
| 28 | 8.016 | 846 | 855 | 858 | rBV | 117497 | 191847 | 0.59% | 0.206% |
| 29 | 8.058 | 858 | 862 | 870 | rVB2 | 124321 | 260030 | 0.81% | 0.279% |
| 30 | 8.193 | 878 | 885 | 890 | rBV | 122105 | 194415 | 0.60% | 0.209% |
| 31 | 8.252 | 890 | 895 | 903 | rVB | 223027 | 344697 | 1.07% | 0.370% |
| 32 | 8.340 | 903 | 910 | 915 | rBV2 | 451763 | 726420 | 2.25% | 0.780% |
| 33 | 8.405 | 915 | 921 | 932 | rVV2 | 398561 | 724431 | 2.24% | 0.777% |
| 34 | 8.505 | 932 | 938 | 948 | rVB2 | 182222 | 454949 | 1.41% | 0.488% |
| 35 | 8.652 | 957 | 963 | 967 | rBV | 142497 | 214472 | 0.66% | 0.230% |
| 36 | 8.699 | 967 | 971 | 977 | rVB | 156382 | 231104 | 0.72% | 0.248% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0B53

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-BP092424.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 8.799 | 978 | 988 | 992 | rBV | 308931 | 547655 | 1.70% | 0.588% |
| 38 | 8.846 | 992 | 996 | 1000 | rBV | 373789 | 594128 | 1.84% | 0.638% |
| 39 | 9.040 | 1021 | 1029 | 1037 | rBV5 | 111041 | 270513 | 0.84% | 0.290% |
| 40 | 9.134 | 1037 | 1045 | 1050 | rVV3 | 131226 | 291910 | 0.90% | 0.313% |
| 41 | 9.181 | 1050 | 1053 | 1060 | rVB4 | 35455 | 65134 | 0.20% | 0.070% |
| 42 | 9.269 | 1060 | 1068 | 1072 | rBV2 | 55056 | 122105 | 0.38% | 0.131% |
| 43 | 9.316 | 1072 | 1076 | 1080 | rVV | 110899 | 162848 | 0.50% | 0.175% |
| 44 | 9.369 | 1080 | 1085 | 1091 | rVB2 | 102678 | 163414 | 0.51% | 0.175% |
| 45 | 9.563 | 1110 | 1118 | 1125 | rBV | 427928 | 738436 | 2.29% | 0.793% |
| 46 | 9.675 | 1131 | 1137 | 1142 | rBV3 | 73117 | 137195 | 0.42% | 0.147% |
| 47 | 9.881 | 1160 | 1172 | 1179 | rBV3 | 114455 | 251421 | 0.78% | 0.270% |
| 48 | 10.093 | 1193 | 1208 | 1217 | rBV | 634597 | 1257572 | 3.89% | 1.350% |
| 49 | 10.175 | 1217 | 1222 | 1229 | rVB | 41710 | 78198 | 0.24% | 0.084% |
| 50 | 10.387 | 1254 | 1258 | 1262 | rVV | 25292 | 39823 | 0.12% | 0.043% |
| 51 | 10.469 | 1262 | 1272 | 1277 | rVV | 403372 | 746254 | 2.31% | 0.801% |
| 52 | 10.522 | 1277 | 1281 | 1288 | rVB | 103222 | 185331 | 0.57% | 0.199% |
| 53 | 10.604 | 1288 | 1295 | 1302 | rBV | 343616 | 582429 | 1.80% | 0.625% |
| 54 | 10.946 | 1348 | 1353 | 1361 | rVB6 | 19282 | 35640 | 0.11% | 0.038% |
| 55 | 11.234 | 1397 | 1402 | 1405 | rBV2 | 25203 | 44113 | 0.14% | 0.047% |
| 56 | 11.275 | 1405 | 1409 | 1413 | rVV3 | 24416 | 48846 | 0.15% | 0.052% |
| 57 | 11.322 | 1413 | 1417 | 1421 | rVV | 35758 | 59131 | 0.18% | 0.063% |
| 58 | 11.363 | 1421 | 1424 | 1431 | rVV2 | 36165 | 60494 | 0.19% | 0.065% |
| 59 | 11.463 | 1435 | 1441 | 1444 | rVV7 | 20467 | 45640 | 0.14% | 0.049% |
| 60 | 11.504 | 1444 | 1448 | 1455 | rVB2 | 27813 | 50402 | 0.16% | 0.054% |
| 61 | 11.693 | 1475 | 1480 | 1488 | rVB2 | 34374 | 63032 | 0.20% | 0.068% |
| 62 | 11.834 | 1498 | 1504 | 1515 | rVB3 | 29945 | 66921 | 0.21% | 0.072% |
| 63 | 12.022 | 1530 | 1536 | 1539 | rBV5 | 18387 | 35640 | 0.11% | 0.038% |
| 64 | 12.093 | 1543 | 1548 | 1561 | rVB9 | 25978 | 89522 | 0.28% | 0.096% |
| 65 | 12.281 | 1573 | 1580 | 1586 | rBV | 94115 | 149418 | 0.46% | 0.160% |
| 66 | 12.357 | 1587 | 1593 | 1602 | rVB8 | 29806 | 79316 | 0.25% | 0.085% |
| 67 | 12.446 | 1602 | 1608 | 1623 | rVB2 | 67755 | 149907 | 0.46% | 0.161% |
| 68 | 12.587 | 1626 | 1632 | 1637 | rBV6 | 22089 | 46913 | 0.15% | 0.050% |
| 69 | 12.704 | 1649 | 1652 | 1658 | rVB3 | 39197 | 59892 | 0.19% | 0.064% |
| 70 | 13.063 | 1705 | 1713 | 1719 | rBV2 | 98626 | 203282 | 0.63% | 0.218% |
| 71 | 13.122 | 1719 | 1723 | 1732 | rVB7 | 19051 | 37891 | 0.12% | 0.041% |
| 72 | 13.316 | 1752 | 1756 | 1759 | rBV | 29343 | 43551 | 0.13% | 0.047% |
| 73 | 13.434 | 1768 | 1776 | 1781 | rBV10 | 21247 | 43597 | 0.14% | 0.047% |
| 74 | 13.528 | 1788 | 1792 | 1798 | rVB4 | 41643 | 71040 | 0.22% | 0.076% |
| 75 | 13.722 | 1818 | 1825 | 1831 | rBV | 1300020 | 1848365 | 5.72% | 1.984% |
| 76 | 13.840 | 1841 | 1845 | 1850 | rBV2 | 36487 | 51370 | 0.16% | 0.055% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

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-BP092424.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 13.928 | 1854 | 1860 | 1866 | rVB3 | 96685 | 147226 | 0.46% | 0.158% |
| 78 | 14.004 | 1866 | 1873 | 1882 | rBV2 | 1232121 | 2009239 | 6.22% | 2.156% |
| 79 | 14.316 | 1916 | 1926 | 1936 | rBV | 624442 | 1221316 | 3.78% | 1.311% |
| 80 | 14.522 | 1953 | 1961 | 1970 | rBV2 | 155825 | 393328 | 1.22% | 0.422% |
| 81 | 14.663 | 1980 | 1985 | 1991 | rBV9 | 27731 | 58846 | 0.18% | 0.063% |
| 82 | 14.781 | 1996 | 2005 | 2014 | rBV | 1322693 | 1998049 | 6.19% | 2.144% |
| 83 | 14.981 | 2036 | 2039 | 2049 | rVB9 | 23132 | 53130 | 0.16% | 0.057% |
| 84 | 15.316 | 2090 | 2096 | 2103 | rBV | 1860819 | 2719187 | 8.42% | 2.918% |
| 85 | 15.445 | 2112 | 2118 | 2127 | rBV | 664810 | 958622 | 2.97% | 1.029% |
| 86 | 15.569 | 2136 | 2139 | 2148 | rVB7 | 20813 | 39725 | 0.12% | 0.043% |
| 87 | 15.692 | 2155 | 2160 | 2165 | rBV | 47882 | 70512 | 0.22% | 0.076% |
| 88 | 17.110 | 2395 | 2401 | 2412 | rBV | 1064243 | 1566788 | 4.85% | 1.682% |
| 89 | 17.216 | 2412 | 2419 | 2428 | rBV2 | 2117823 | 3328721 | 10.31% | 3.573% |
| 90 | 18.045 | 2555 | 2560 | 2568 | rBV2 | 87220 | 134474 | 0.42% | 0.144% |
| 91 | 19.133 | 2741 | 2745 | 2751 | rBV | 37630 | 60111 | 0.19% | 0.065% |
| 92 | 19.204 | 2753 | 2757 | 2761 | rBV | 36896 | 55811 | 0.17% | 0.060% |
| 93 | 19.380 | 2784 | 2787 | 2792 | rBV4 | 41914 | 61600 | 0.19% | 0.066% |
| 94 | 19.586 | 2816 | 2822 | 2830 | rVB | 3293209 | 4637220 | 14.36% | 4.977% |
| 95 | 21.539 | 3148 | 3154 | 3164 | rVB2 | 1344248 | 2208159 | 6.84% | 2.370% |
| 96 | 24.598 | 3664 | 3674 | 3688 | rVB | 1879909 | 5091481 | 15.77% | 5.464% |
| 97 | 24.827 | 3705 | 3713 | 3724 | rVB | 878278 | 2244507 | 6.95% | 2.409% |

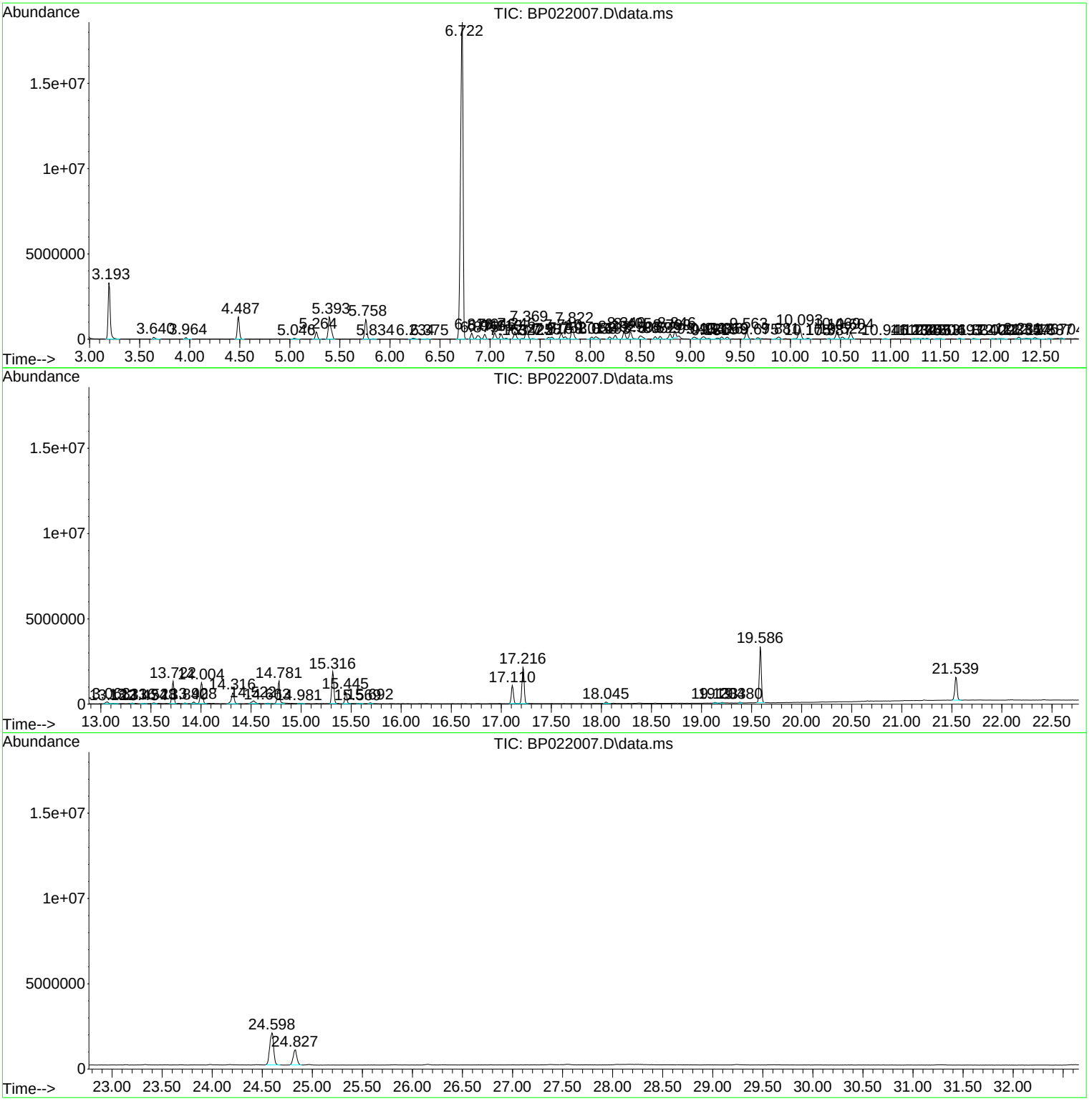
Sum of corrected areas: 93174446

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

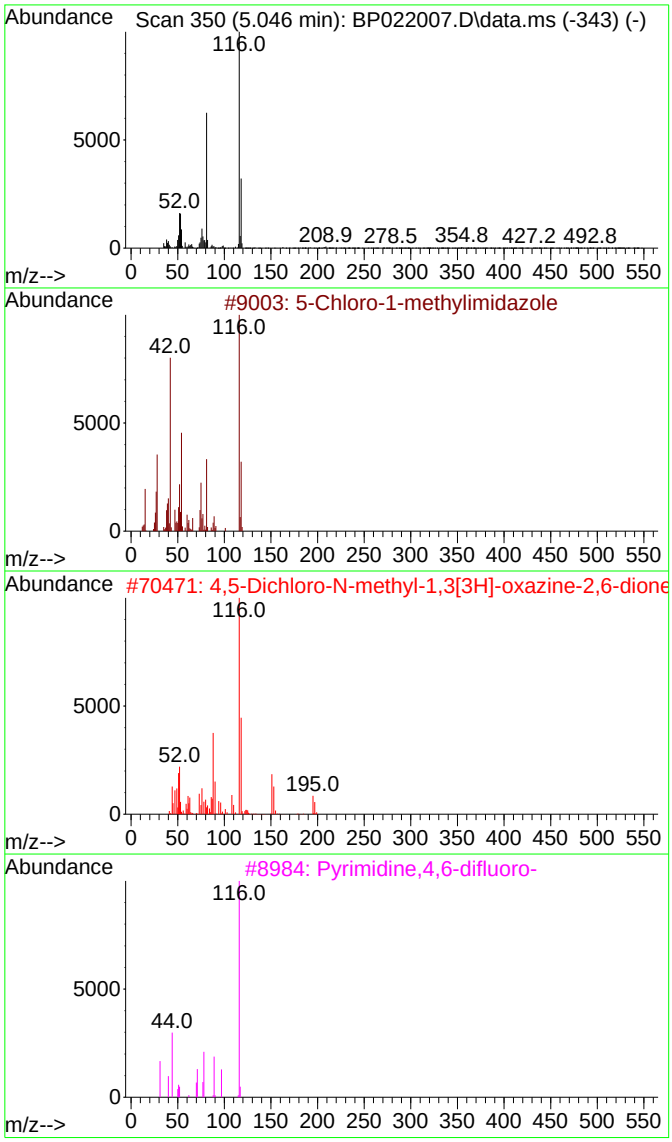
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

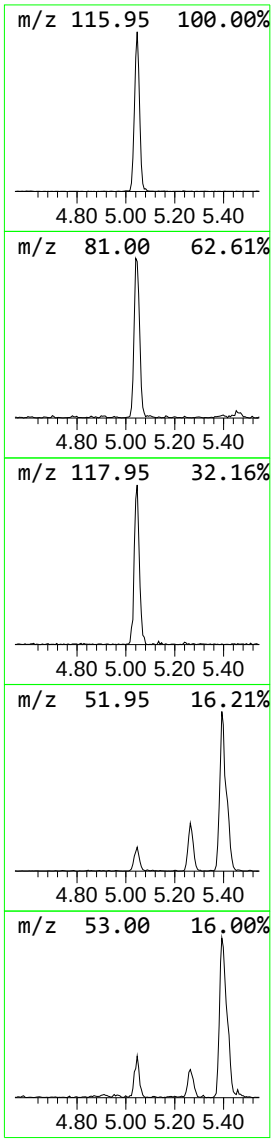
**********

Peak Number 3 unknown-01 Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.046 | 3.42 ng/ul | 91233 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Chloro-1-methylimidazole | 116 | C4H5ClN2 | 000872-49-1 | 42 |
| 2 | 4,5-Dichloro-N-methyl-1,3[3H]-ox... | 195 | C5H3Cl2NO3 | 1000214-40-8 | 39 |
| 3 | Pyrimidine,4,6-difluoro- | 116 | C4H2F2N2 | 002802-62-2 | 38 |
| 4 | 3-Ethylthiolane | 116 | C6H12S | 062184-67-2 | 38 |
| 5 | .alpha.-Bromo-p-tolunitrile | 195 | C8H6BrN | 017201-43-3 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

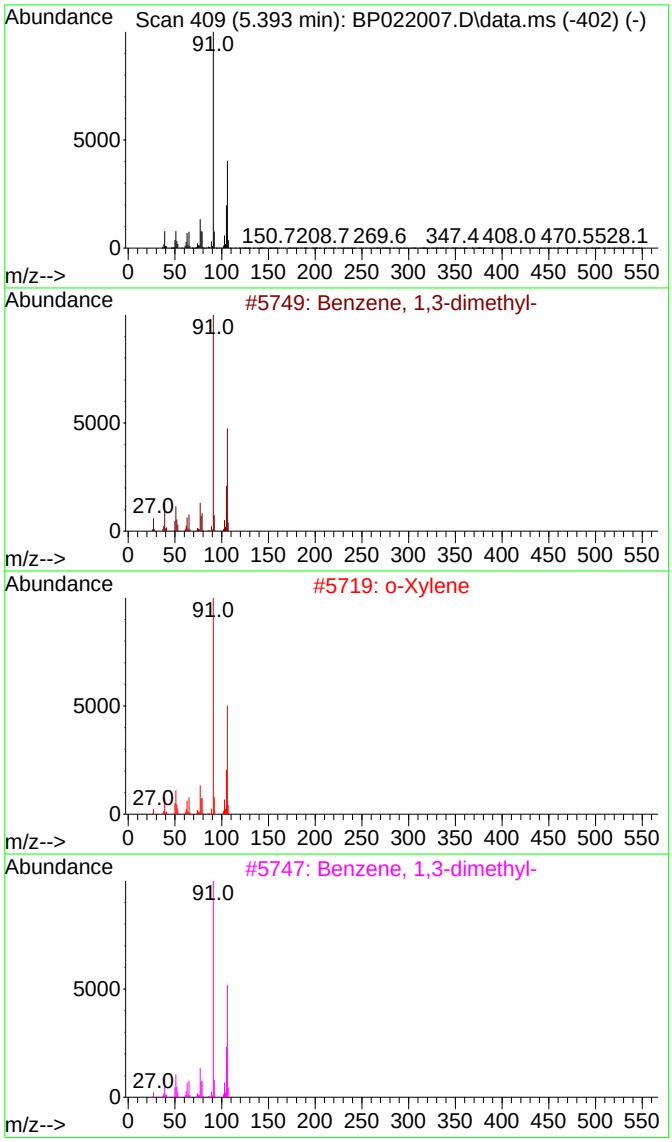
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

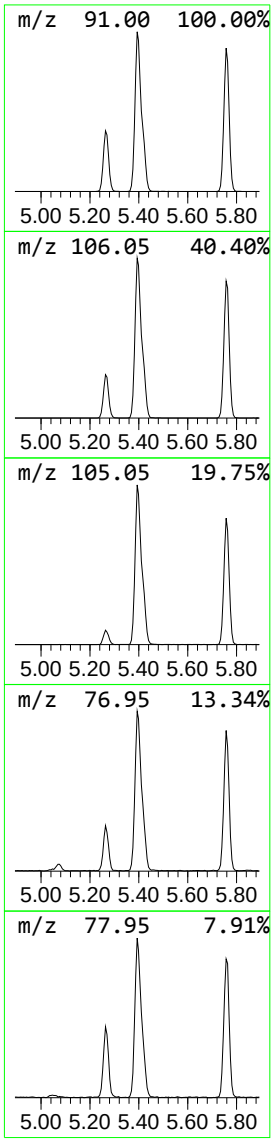
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1,3-dimethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.393 | 94.07 ng/ul | 2509110 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 2 | o-Xylene | 106 | C8H10 | 000095-47-6 | 97 |
| 3 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 4 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |
| 5 | o-Xylene | 106 | C8H10 | 000095-47-6 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

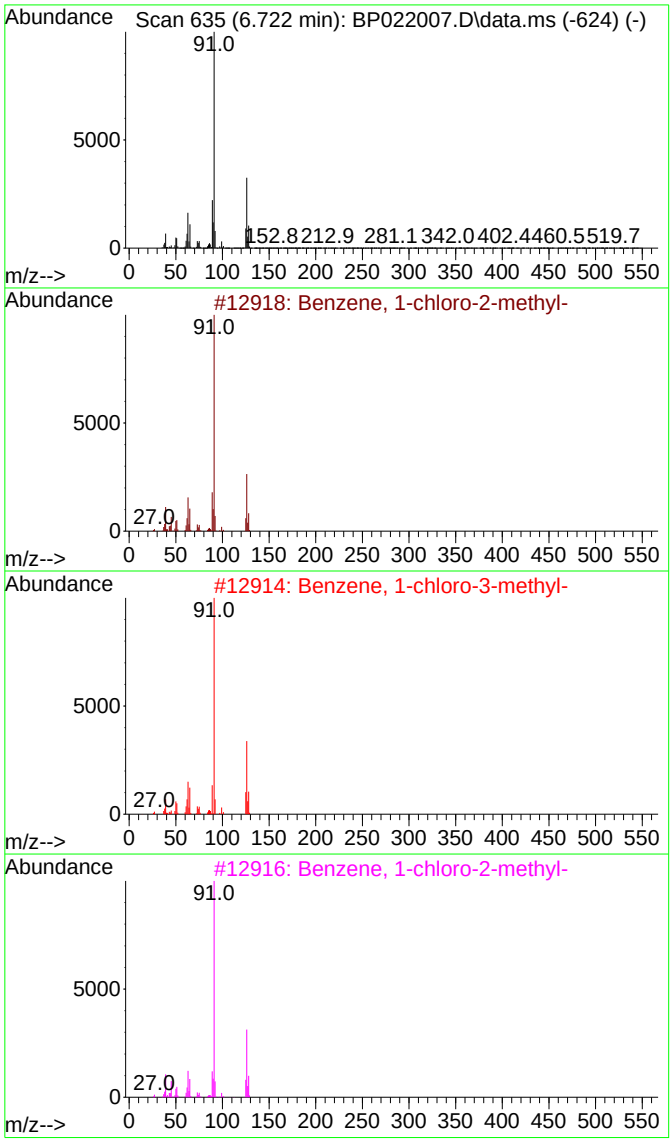
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

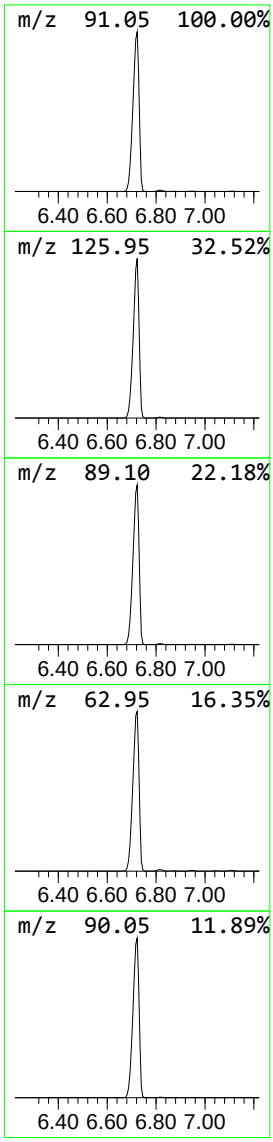
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1-chloro-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.722 | 1210.56 ng/ul | 32288700 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl | 000095-49-8 | 96 |
| 2 | Benzene, 1-chloro-3-methyl- | 126 | C7H7Cl | 000108-41-8 | 95 |
| 3 | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl | 000095-49-8 | 94 |
| 4 | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl | 000095-49-8 | 93 |
| 5 | Benzene, 1-chloro-2-methyl- | 126 | C7H7Cl | 000095-49-8 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

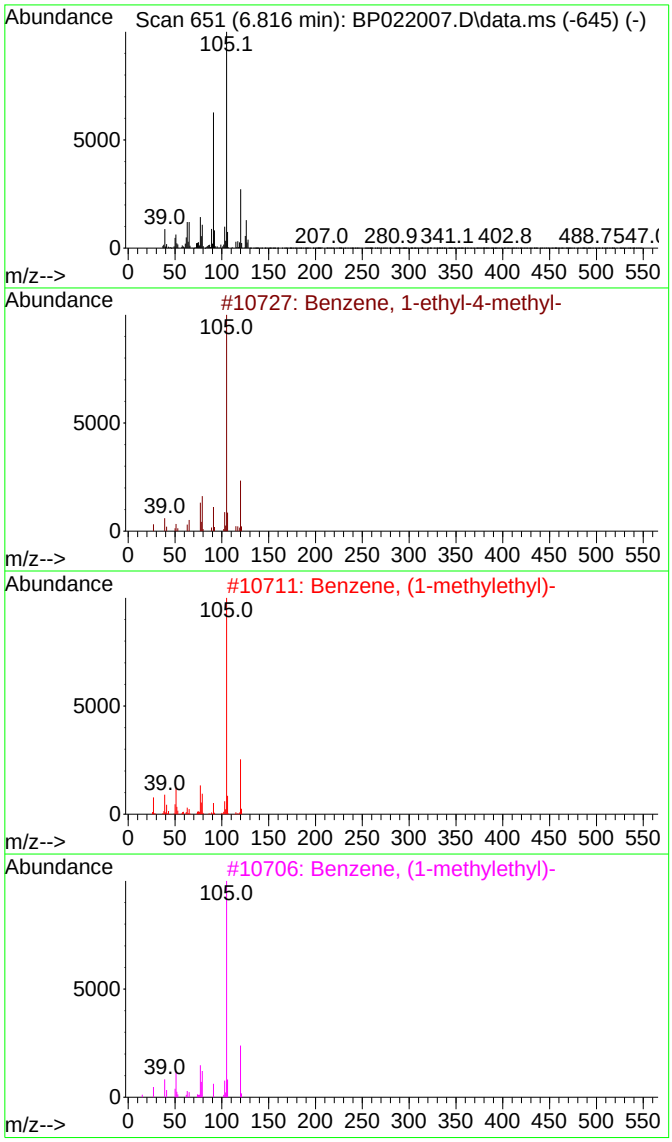
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

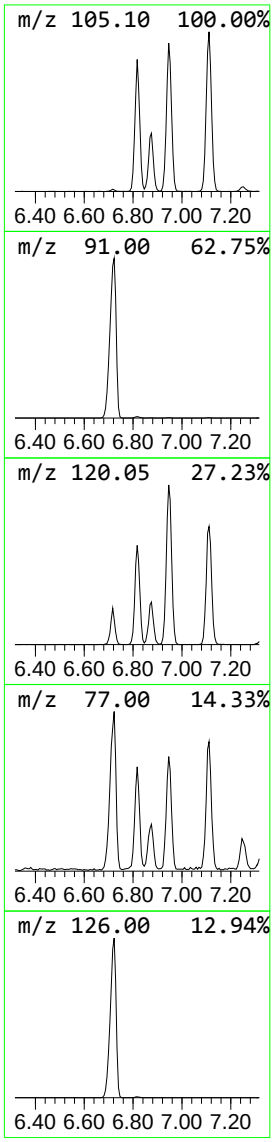
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1-ethyl-4-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.816 | 18.60 ng/ul | 496225 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 68 |
| 2 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 64 |
| 3 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 64 |
| 4 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 58 |
| 5 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

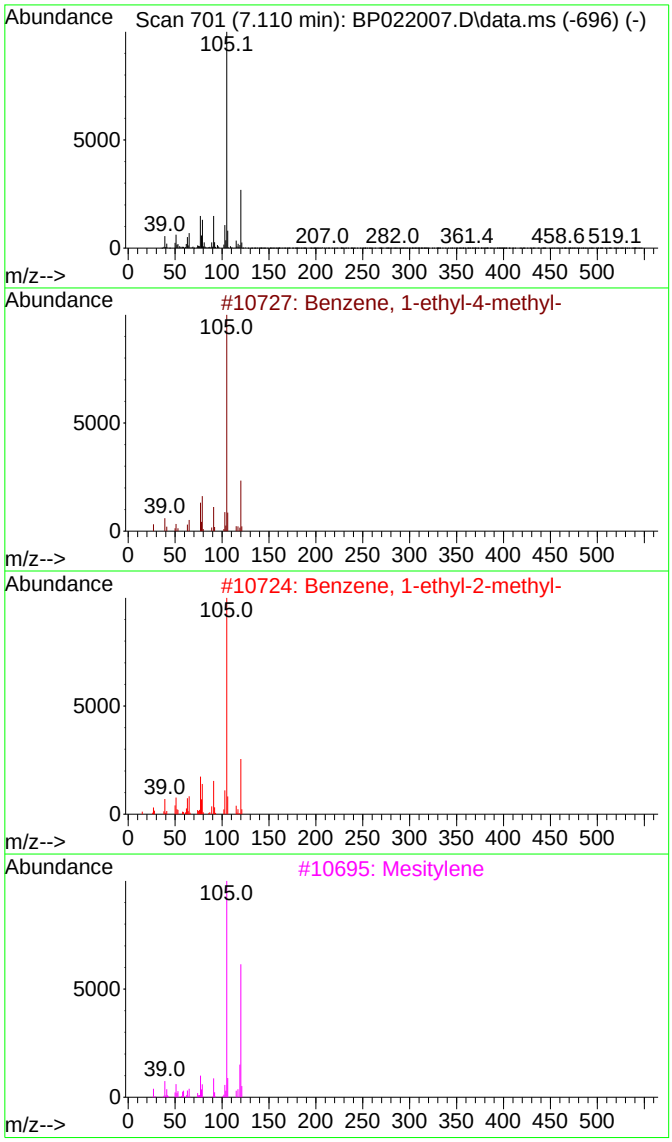
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

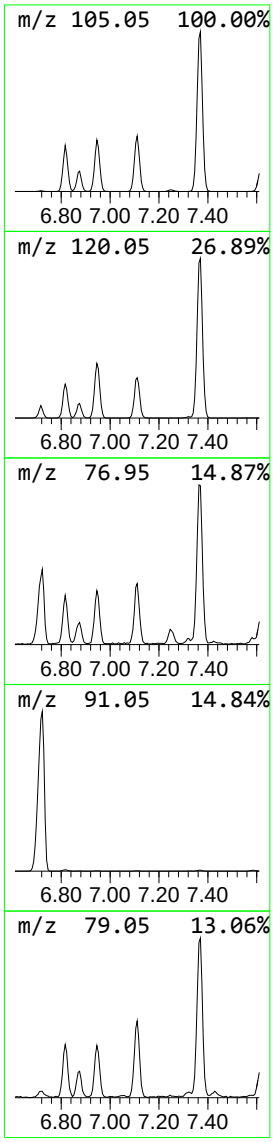
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.110 | 17.26 ng/ul | 460255 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

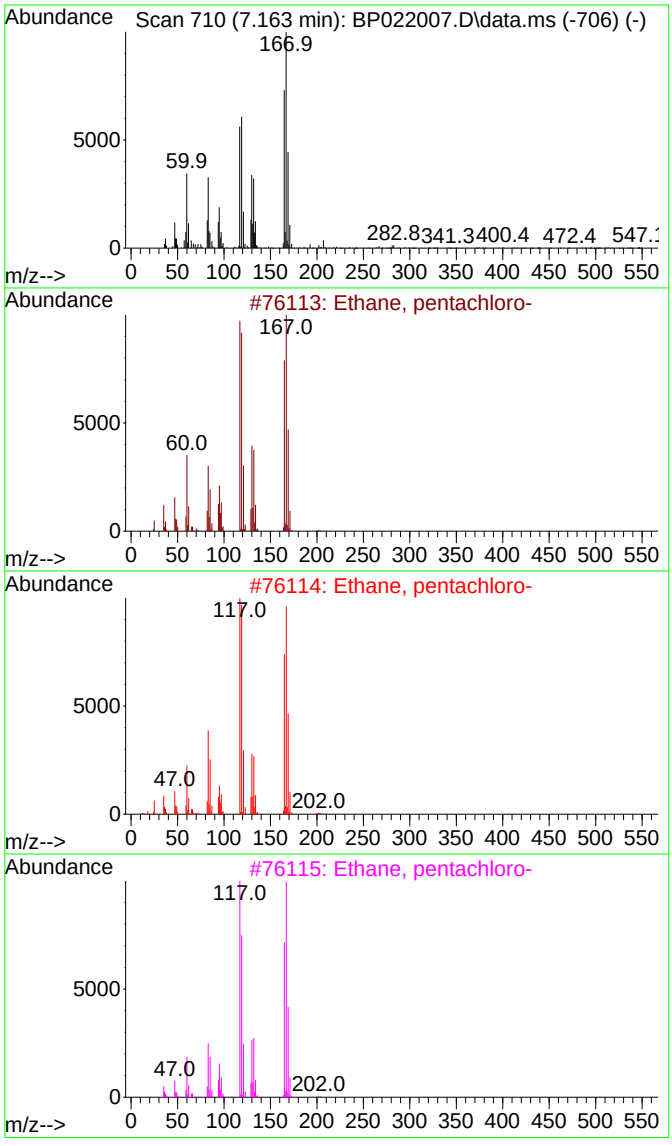
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

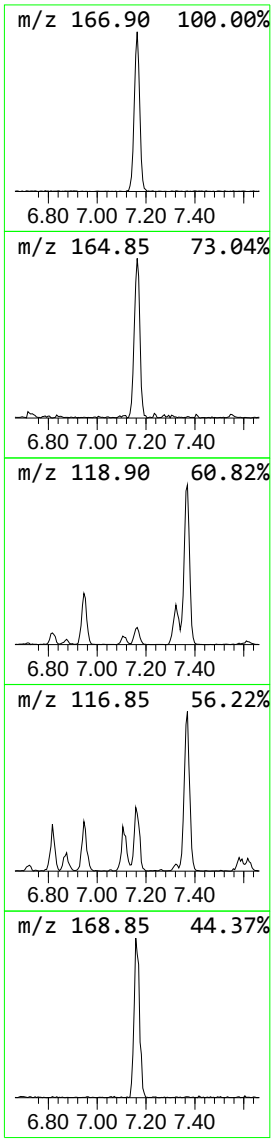
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Ethane, pentachloro- Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.163 | 3.00 ng/ul | 80035 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethane, pentachloro- | 200 | C2HCl5 | 000076-01-7 | 95 |
| 2 | Ethane, pentachloro- | 200 | C2HCl5 | 000076-01-7 | 90 |
| 3 | Ethane, pentachloro- | 200 | C2HCl5 | 000076-01-7 | 78 |
| 4 | 2,6-Dichloro-3-fluoropyridine | 165 | C5H2Cl2FN | 052208-50-1 | 18 |
| 5 | Hexachloroacetone | 262 | C3Cl6O | 000116-16-5 | 15 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

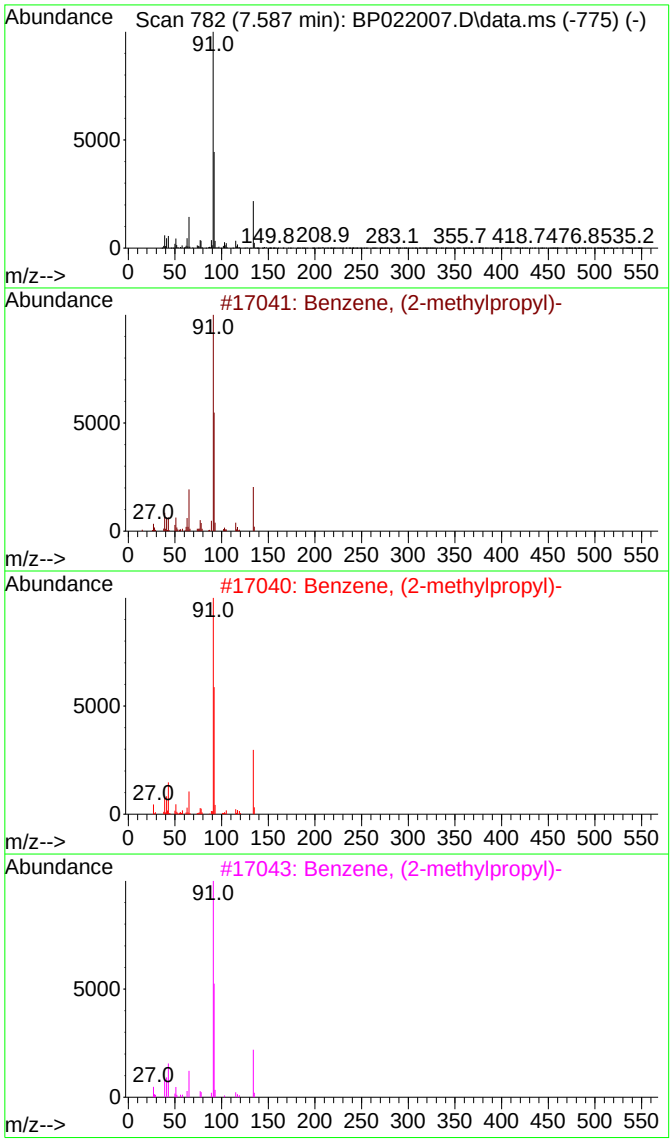
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

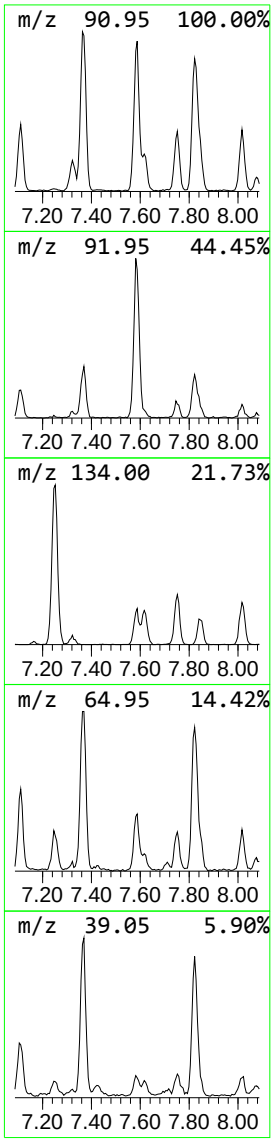
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, (2-methylpropyl)- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.587 | 5.35 ng/ul | 142758 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (2-methylpropyl)- | 134 | C10H14 | 000538-93-2 | 91 |
| 2 | Benzene, (2-methylpropyl)- | 134 | C10H14 | 000538-93-2 | 90 |
| 3 | Benzene, (2-methylpropyl)- | 134 | C10H14 | 000538-93-2 | 90 |
| 4 | Benzene, (2-methylpropyl)- | 134 | C10H14 | 000538-93-2 | 87 |
| 5 | Benzene, (2-methylpropyl)- | 134 | C10H14 | 000538-93-2 | 87 |



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Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

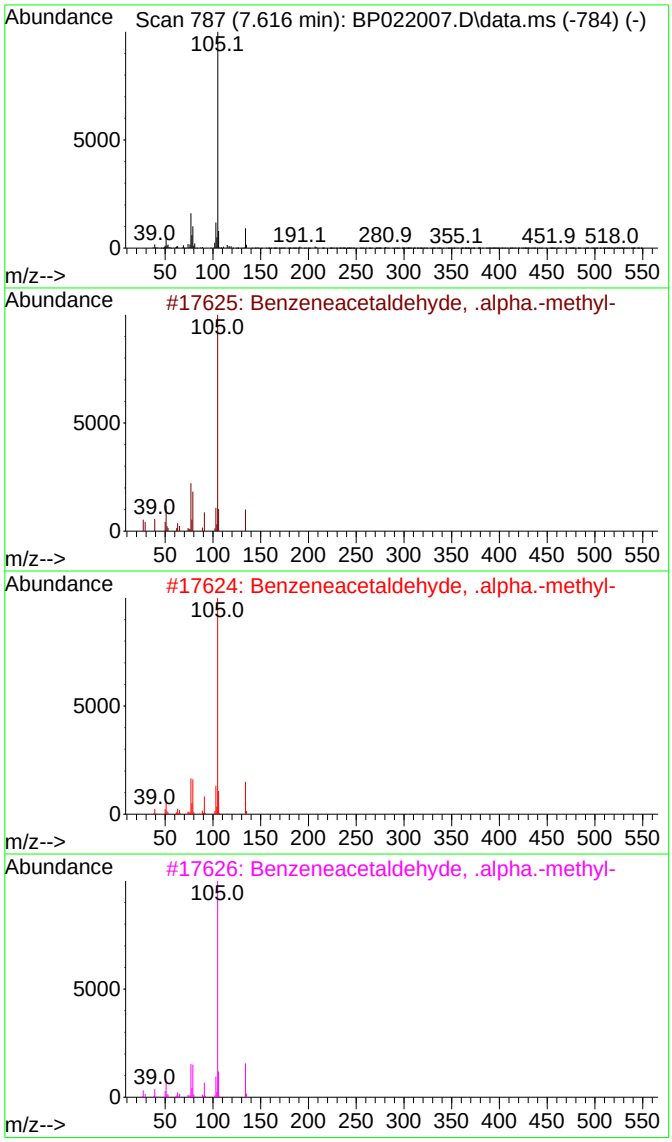
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

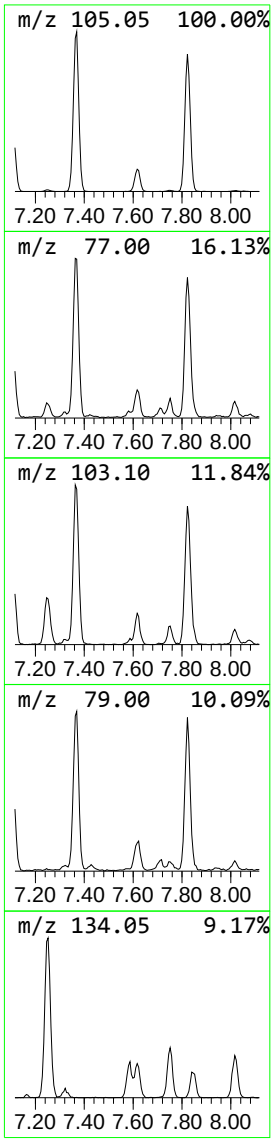
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Benzeneacetaldehyde, .alpha... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.616 | 6.51 ng/ul | 173598 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 78 |
| 2 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 78 |
| 3 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 78 |
| 4 | 2-Tolyloxirane | 134 | C9H10O | 002783-26-8 | 78 |
| 5 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

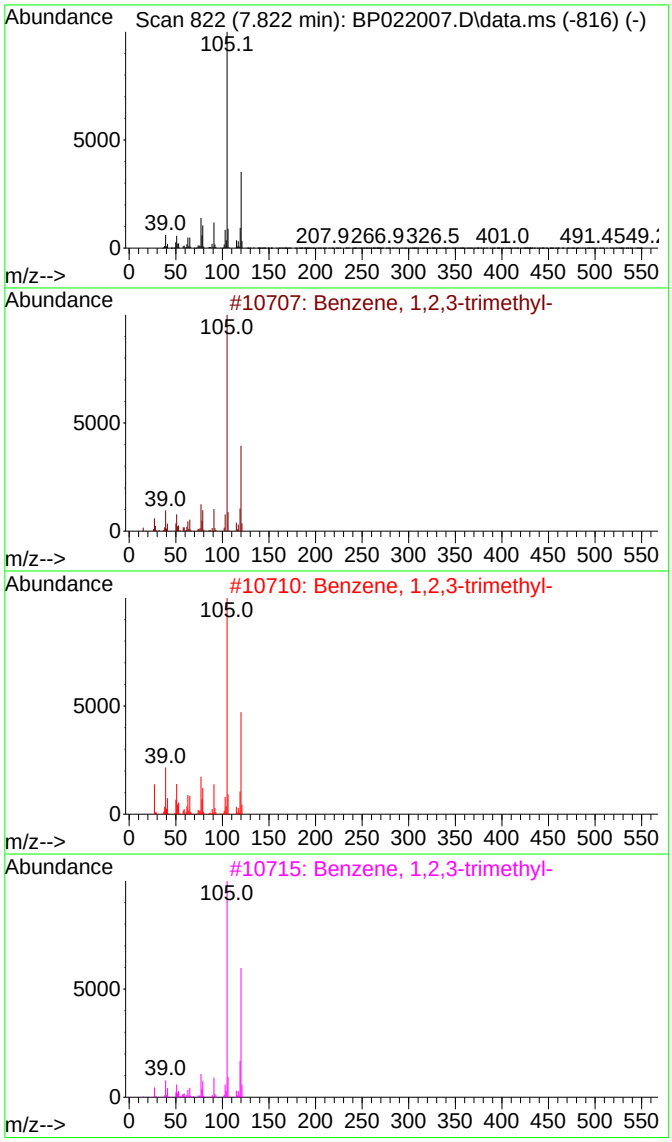
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

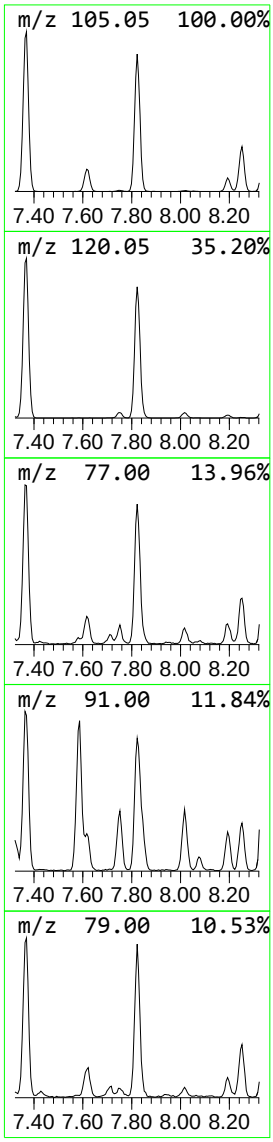
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.822 | 46.08 ng/ul | 1229200 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 97 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 5 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

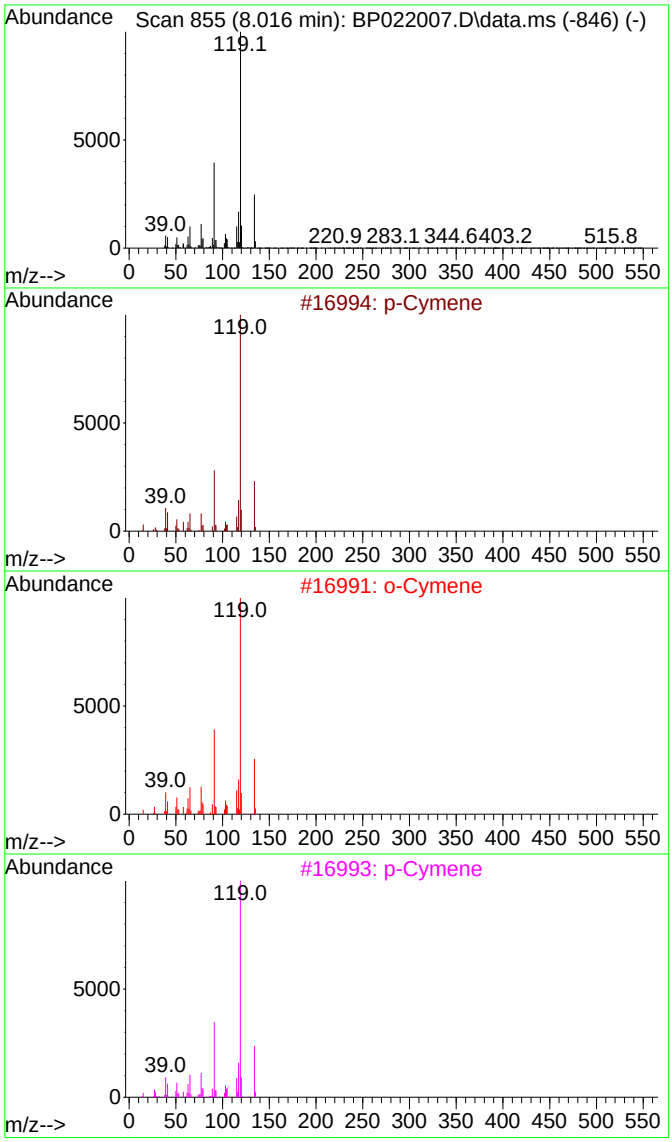
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

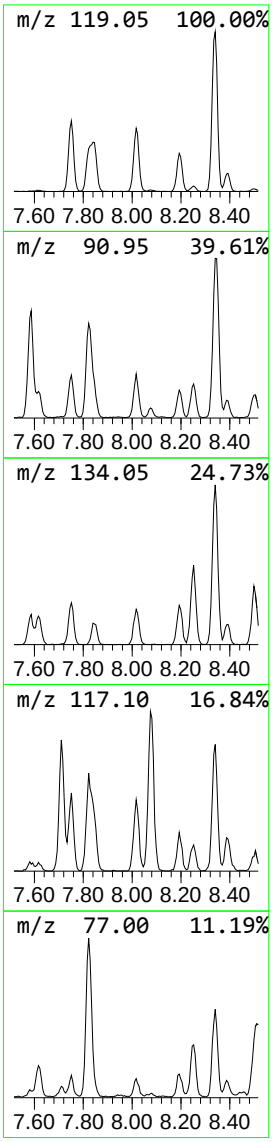
**********

Peak Number 17 p-Cymene Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.016 | 7.19 ng/ul | 191847 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Cymene | 134 | C10H14 | 000099-87-6 | 97 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 96 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 96 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 96 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

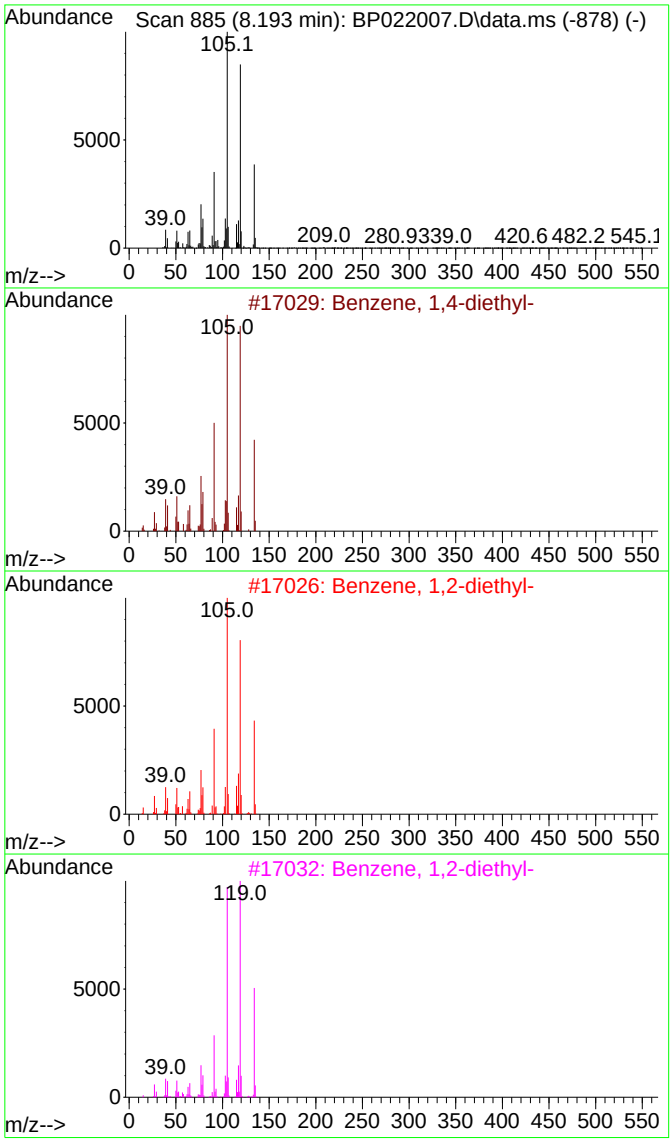
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

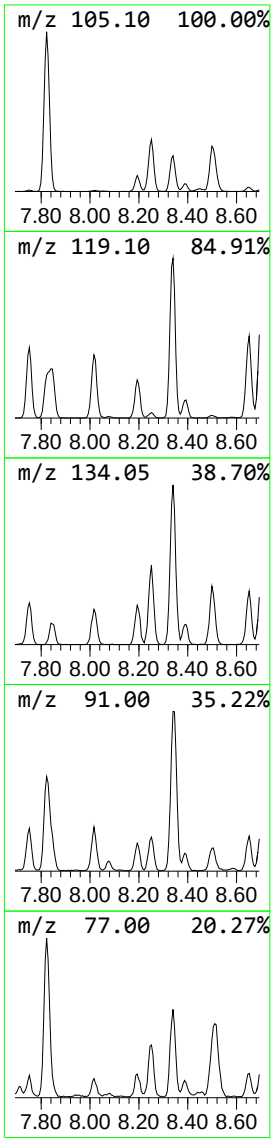
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Benzene, 1,4-diethyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.193 | 7.29 ng/ul | 194415 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 96 |
| 2 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 96 |
| 3 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 96 |
| 4 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 94 |
| 5 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

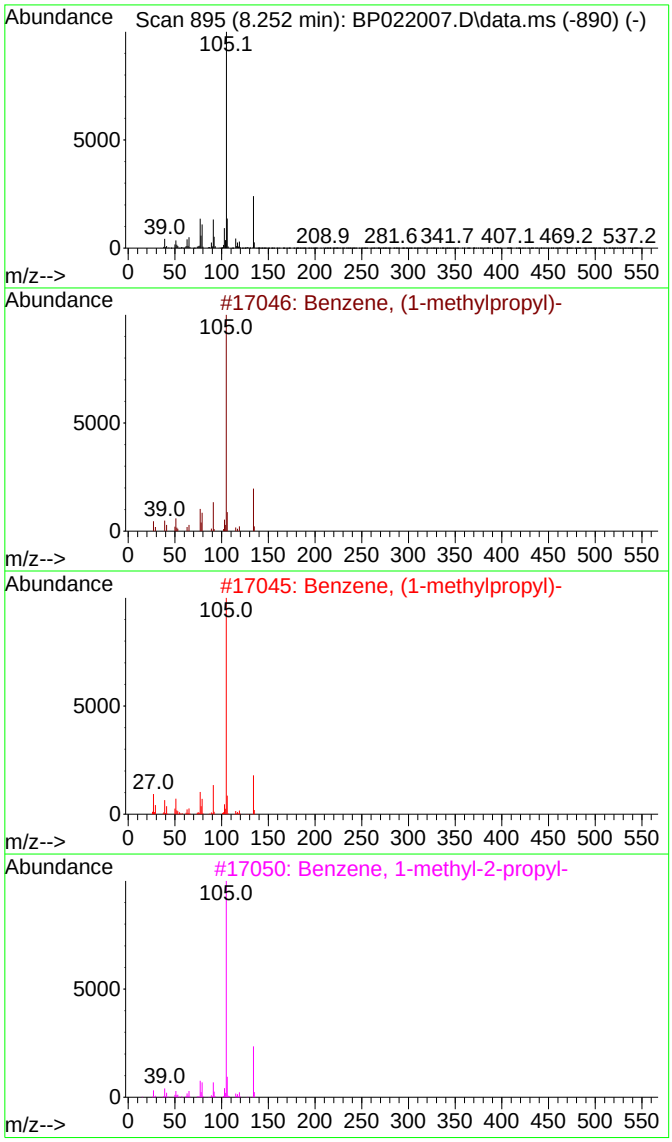
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

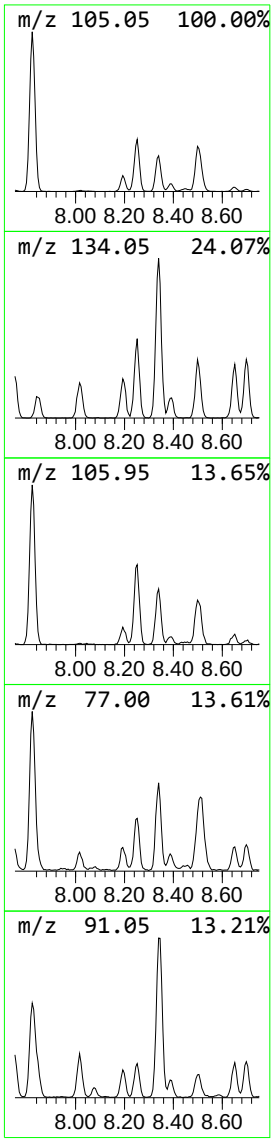
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Benzene, (1-methylpropyl)- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.252 | 12.92 ng/ul | 344697 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 91 |
| 2 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 91 |
| 3 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 91 |
| 4 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 91 |
| 5 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

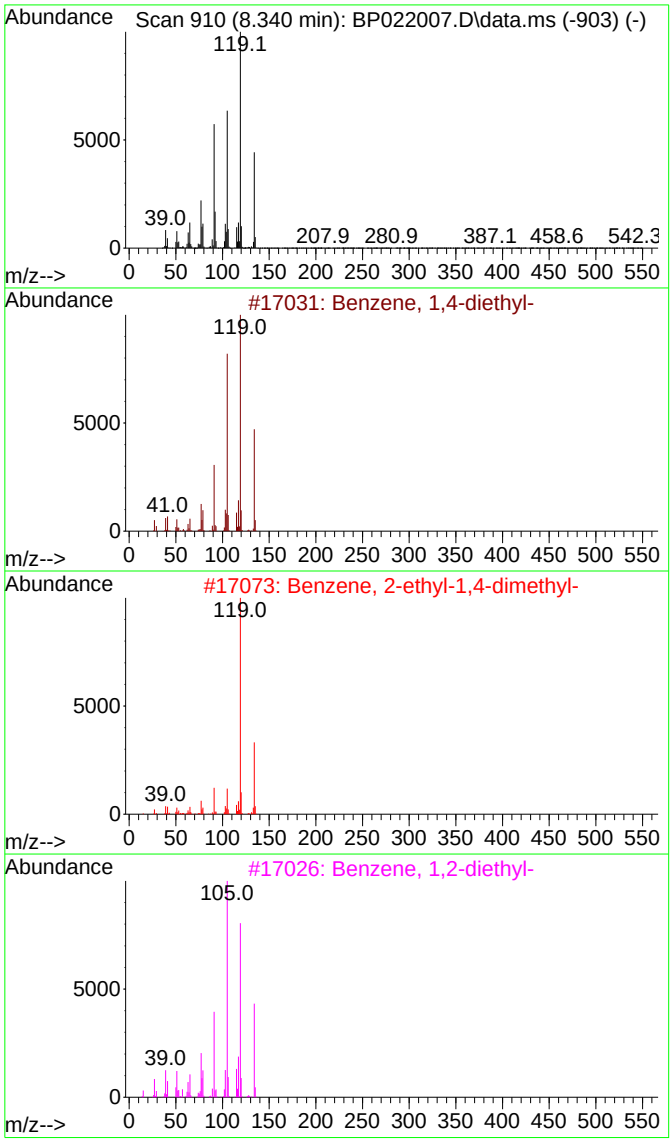
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

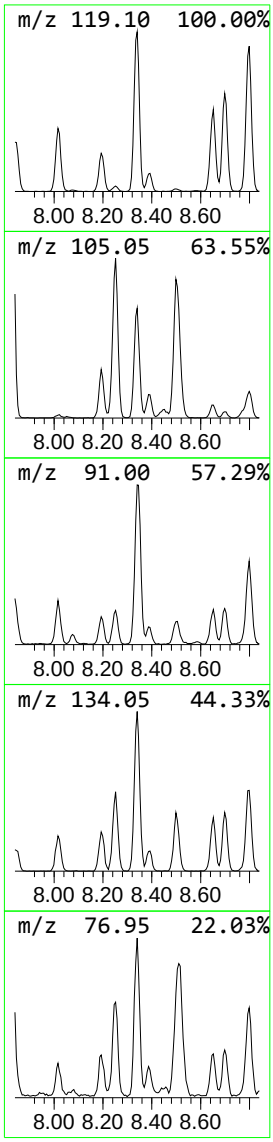
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.340 | 27.23 ng/ul | 726420 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 94 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 94 |
| 3 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 94 |
| 4 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 93 |
| 5 | Benzene, 1,3-diethyl- | 134 | C10H14 | 000141-93-5 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

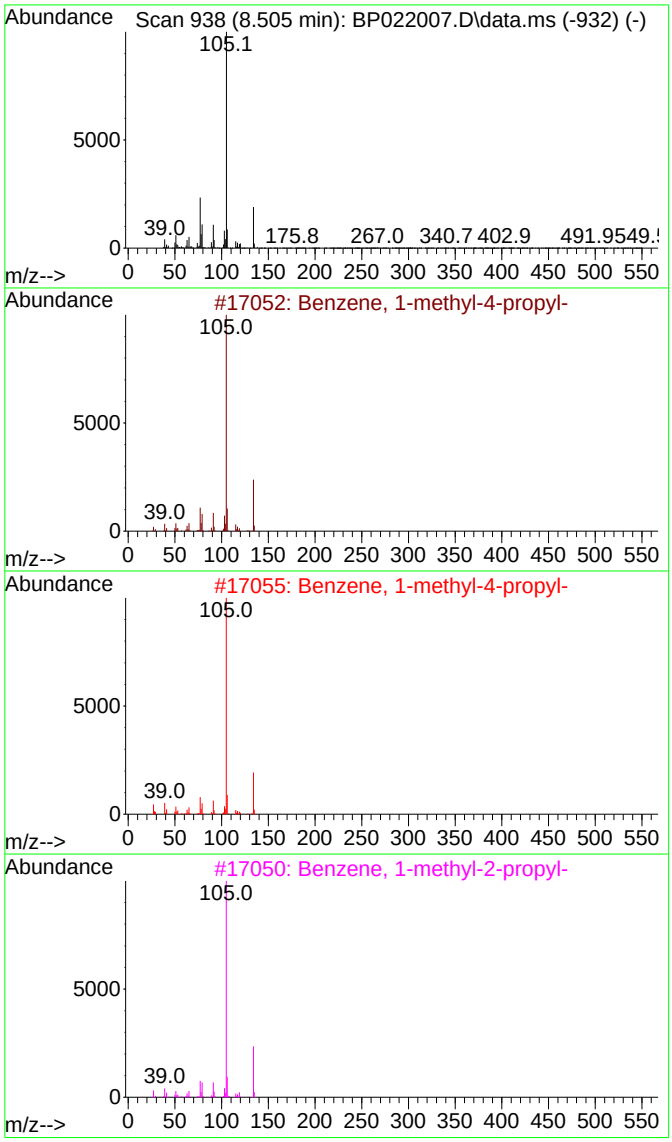
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

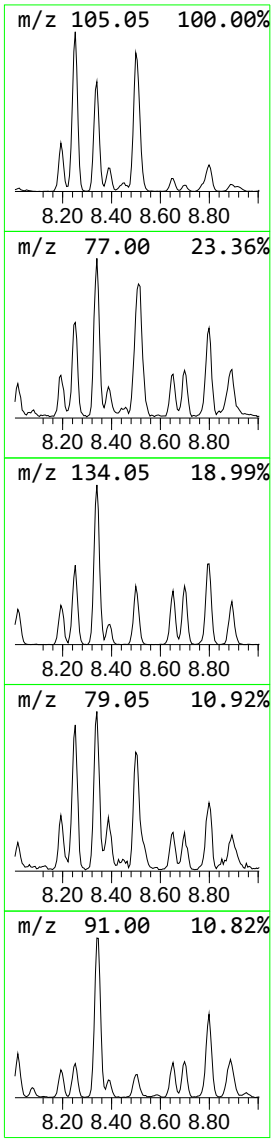
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Benzene, 1-methyl-4-propyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.505 | 17.06 ng/ul | 454949 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 91 |
| 2 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 87 |
| 3 | Benzene, 1-methyl-2-propyl- | 134 | C10H14 | 001074-17-5 | 86 |
| 4 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 76 |
| 5 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

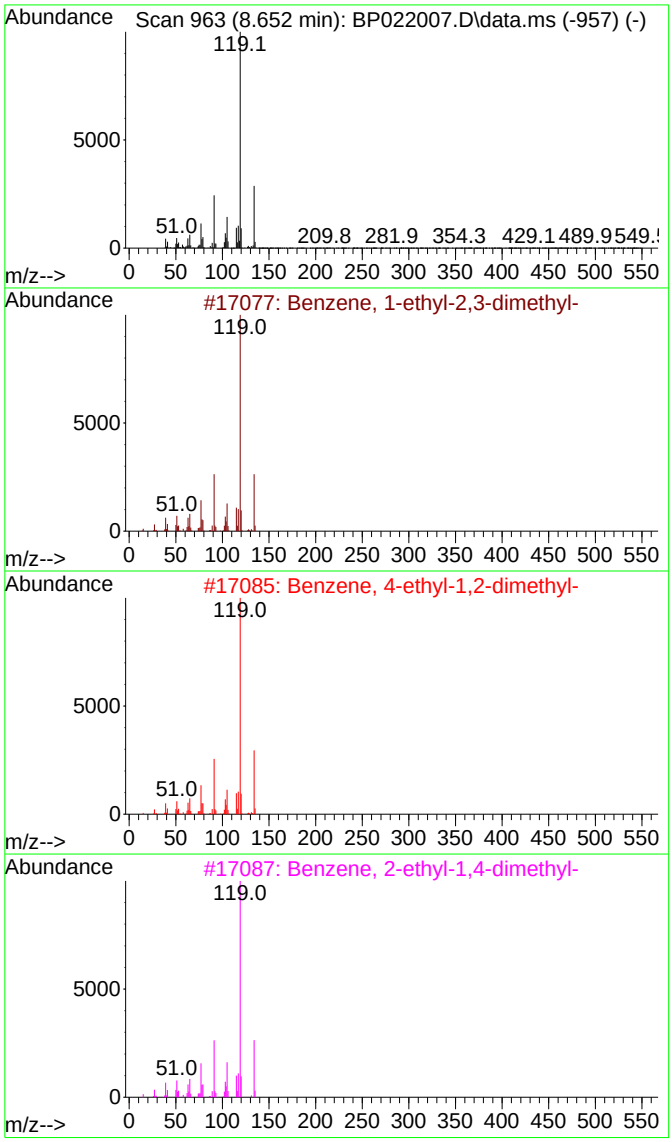
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

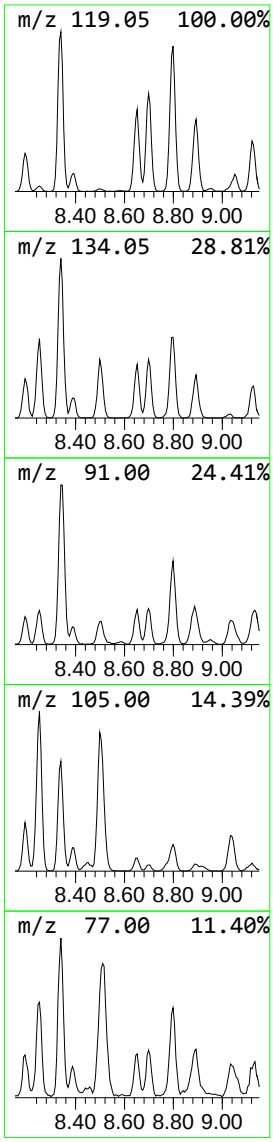
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.652 | 8.04 ng/ul | 214472 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 96 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 96 |
| 3 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 4 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 94 |
| 5 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

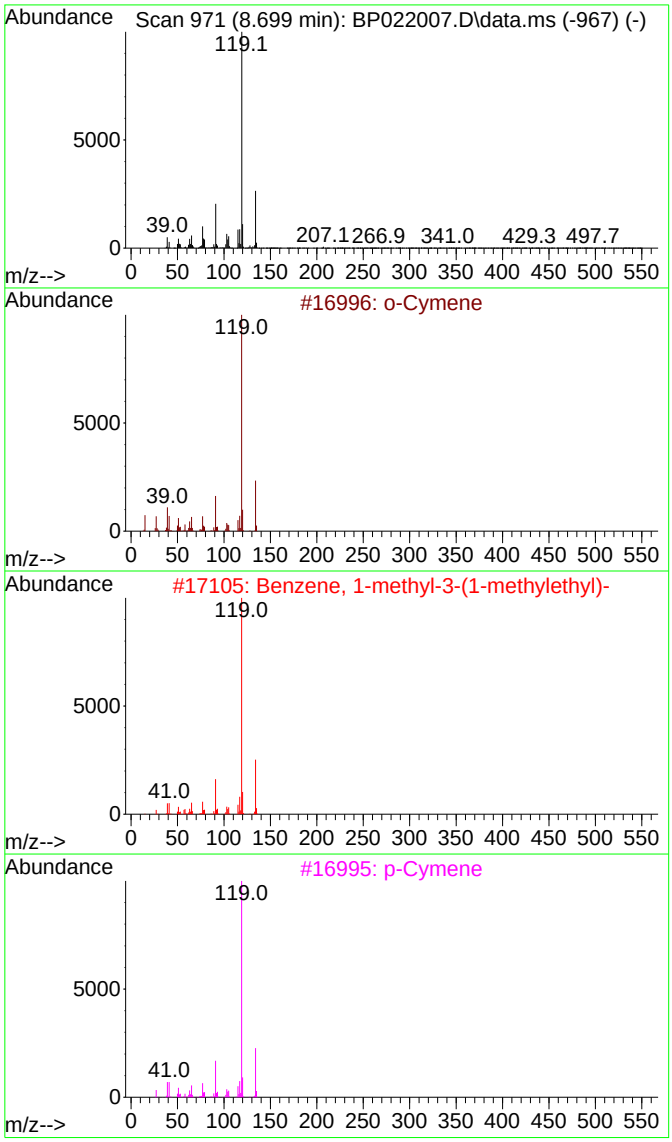
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

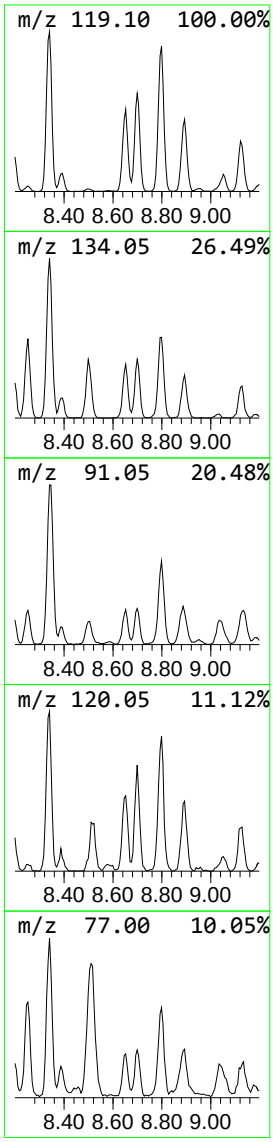
**********

Peak Number 24 o-Cymene Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.699 | 8.66 ng/ul | 231104 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 97 |
| 2 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 97 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 97 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 97 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 95 |



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Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

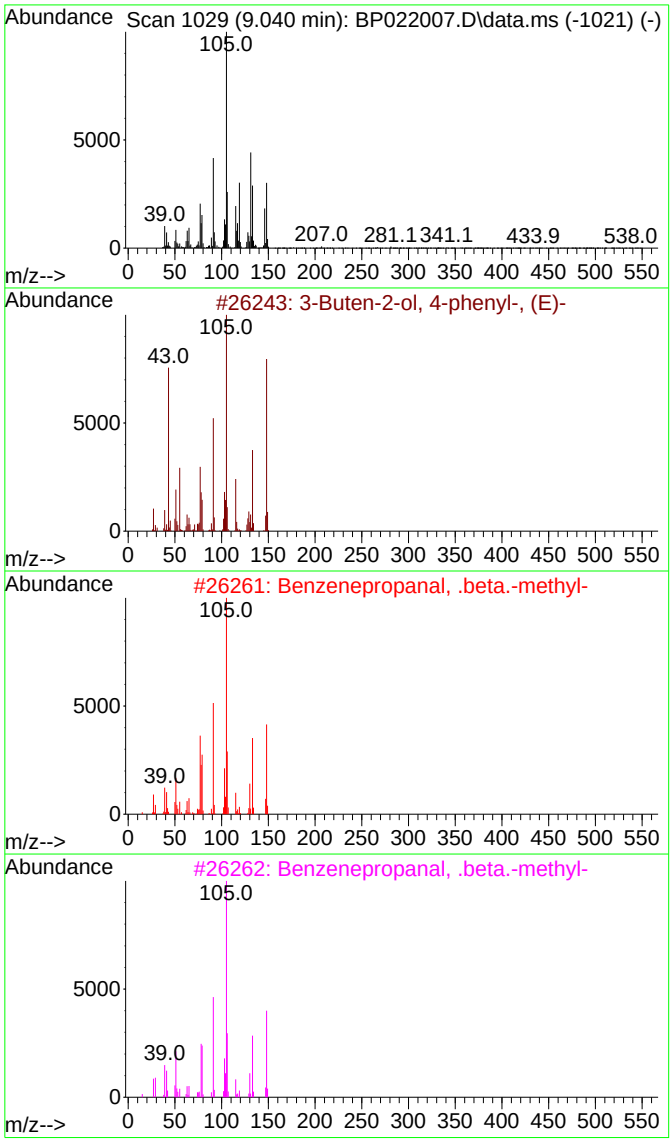
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

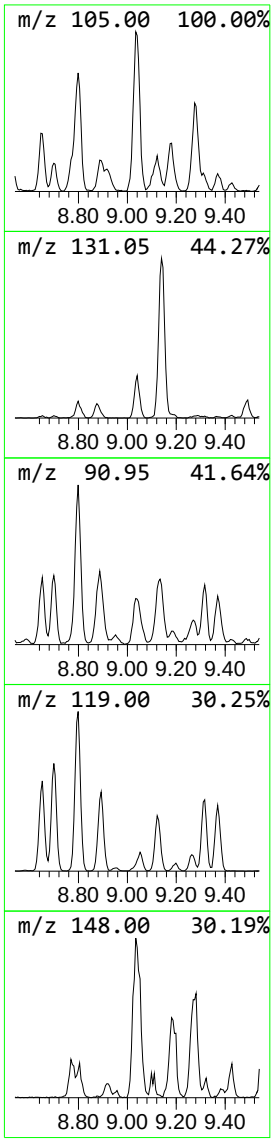
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 3-Buten-2-ol, 4-phenyl-, (E)- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.040 | 10.14 ng/ul | 270513 | 1,4-Dichlorobenzene-d4 | 7.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Buten-2-ol, 4-phenyl-, (E)- | 148 | C10H12O | 1000163-70-9 | 50 |
| 2 | Benzenepropanal, .beta.-methyl- | 148 | C10H12O | 016251-77-7 | 46 |
| 3 | Benzenepropanal, .beta.-methyl- | 148 | C10H12O | 016251-77-7 | 38 |
| 4 | 6,6-DIMETHYL-2-VINYLBICYCLO[3.1.... | 148 | C11H16 | 000473-00-7 | 35 |
| 5 | Benzene, 1-methyl-4-(2-methylpro... | 148 | C11H16 | 005161-04-6 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

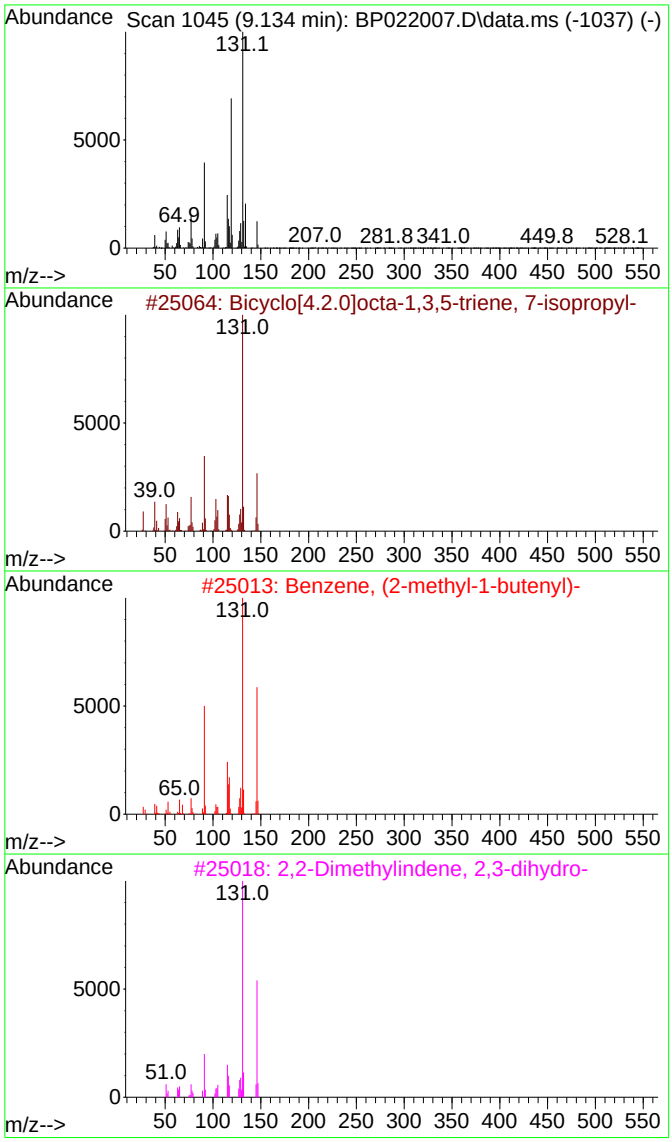
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

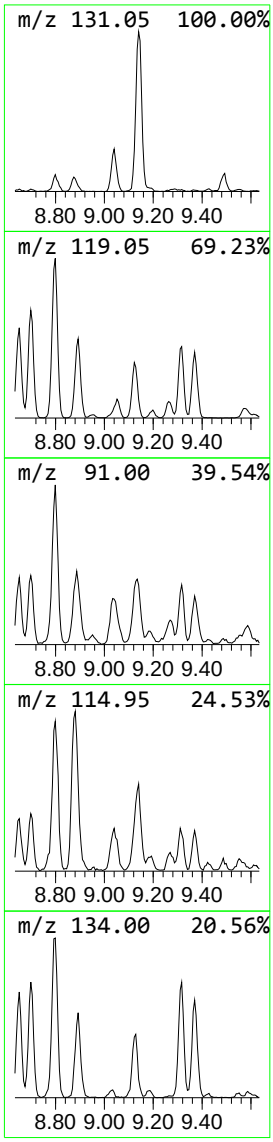
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.134 | 7.82 ng/ul | 291910 | Naphthalene-d8 | 10.469 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 146 | C11H14 | 027087-54-3 | 91 |
| 2 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 83 |
| 3 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 83 |
| 4 | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14 | 097664-18-1 | 70 |
| 5 | 1H-Indene, 2,3-dihydro-1,1-dimet... | 146 | C11H14 | 004912-92-9 | 64 |



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Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

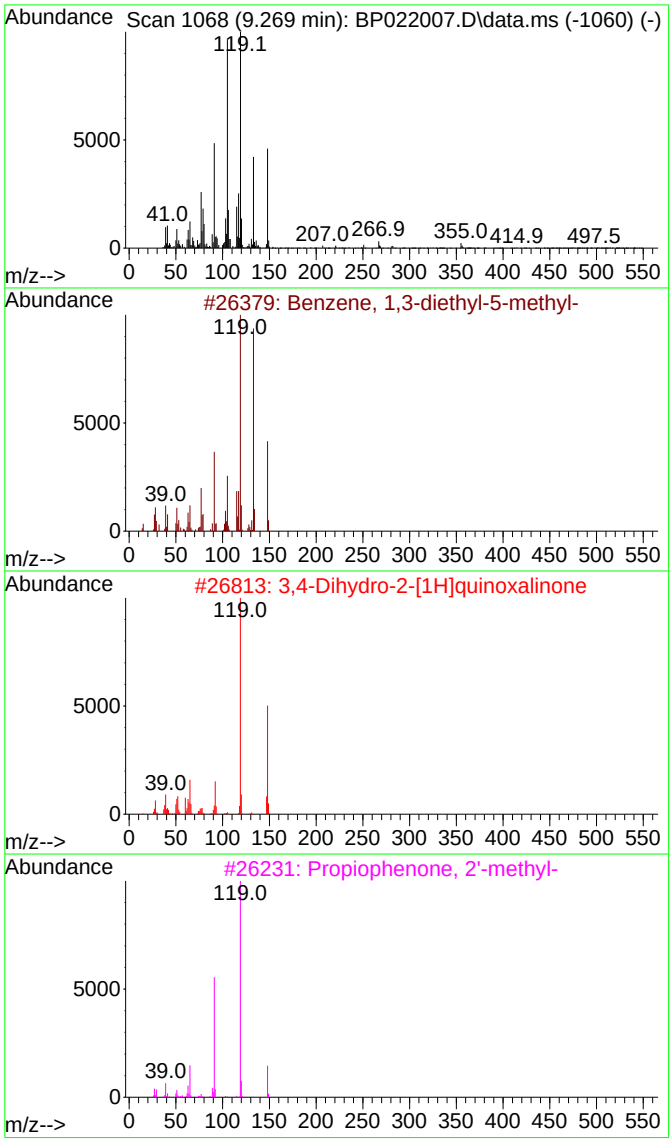
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

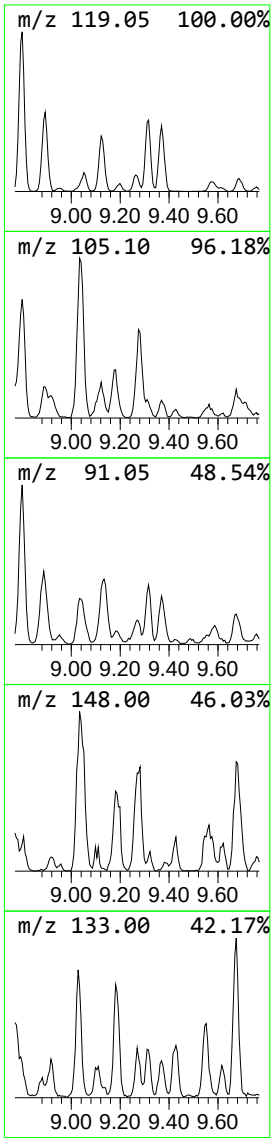
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.269 | 3.27 ng/ul | 122105 | Naphthalene-d8 | 10.469 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-diethyl-5-methyl- | 148 | C11H16 | 002050-24-0 | 62 |
| 2 | 3,4-Dihydro-2-[1H]quinoxalinone | 148 | C8H8N2O | 059564-59-9 | 50 |
| 3 | Propiophenone, 2'-methyl- | 148 | C10H12O | 002040-14-4 | 45 |
| 4 | 4'-Methylpropiophenone | 148 | C10H12O | 005337-93-9 | 45 |
| 5 | Benzenemethanol, .alpha.-1-prope... | 148 | C10H12O | 003347-57-7 | 41 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

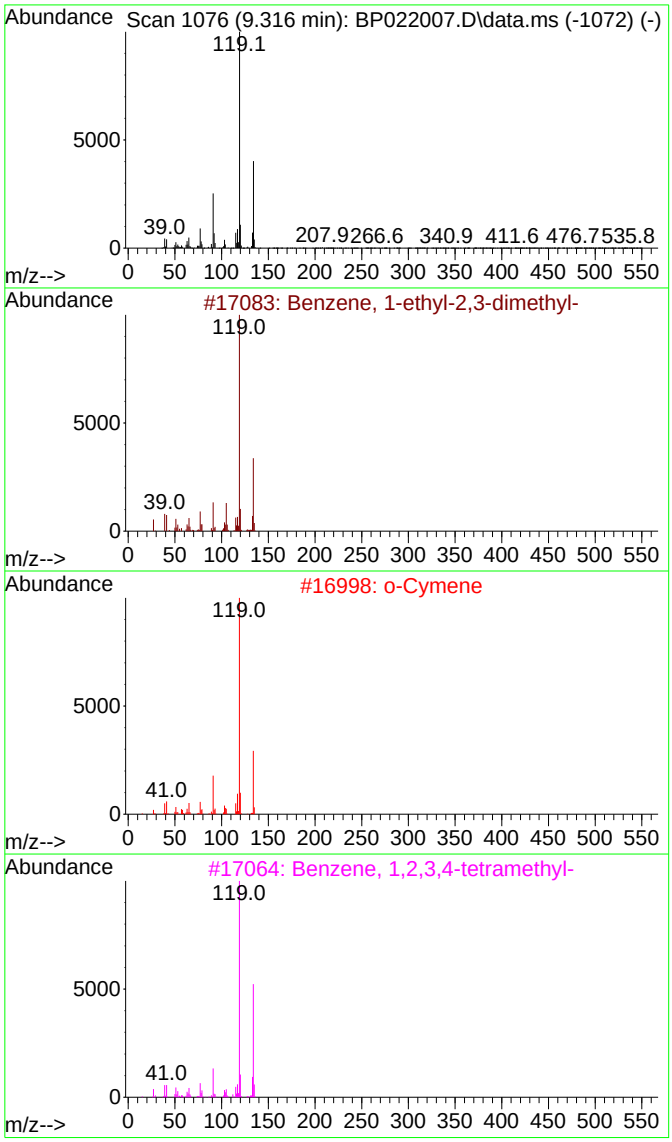
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

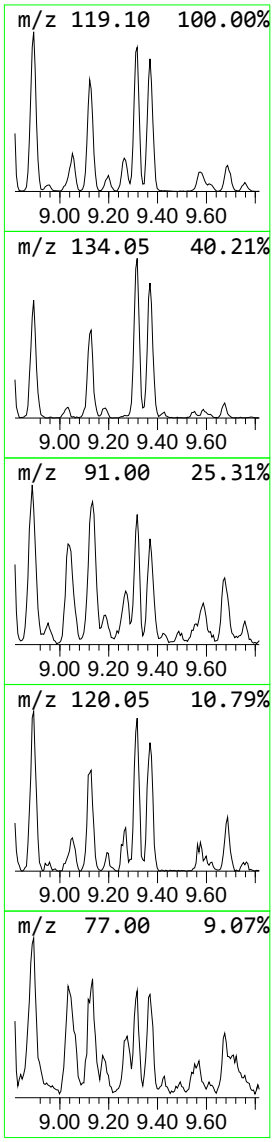
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.316 | 4.36 ng/ul | 162848 | Naphthalene-d8 | 10.469 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 91 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 91 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 91 |
| 4 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 91 |
| 5 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 91 |



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Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

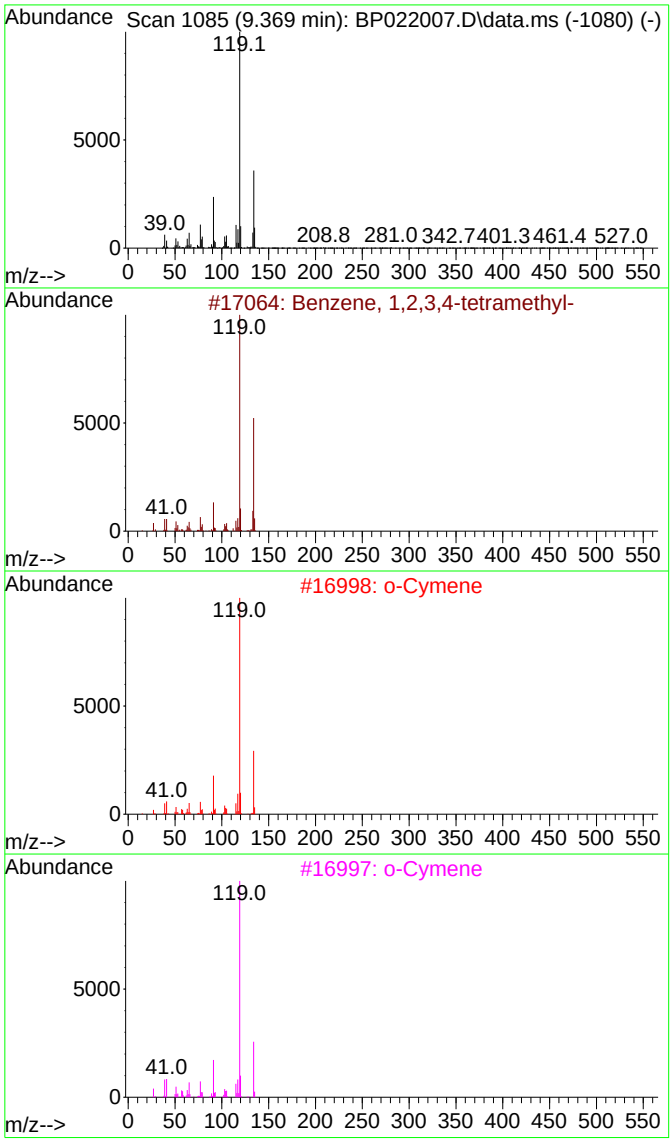
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

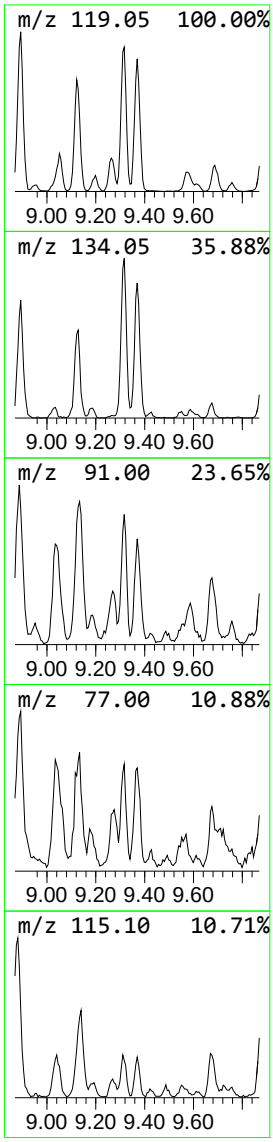
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.369 | 4.38 ng/ul | 163414 | Naphthalene-d8 | 10.469 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 94 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 91 |
| 5 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

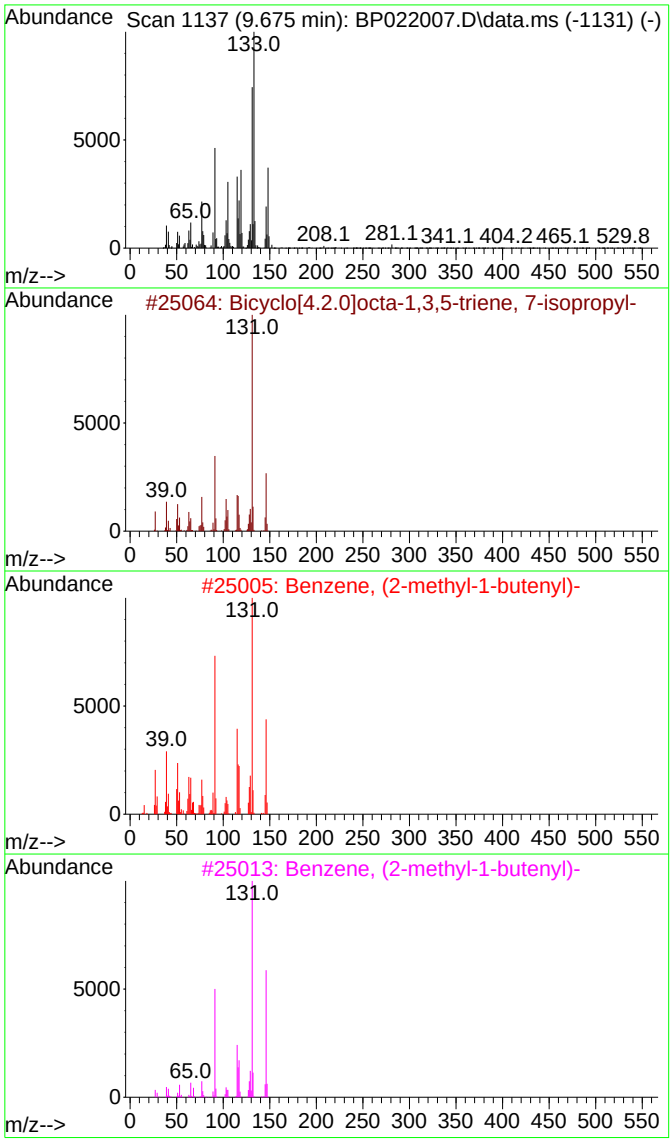
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

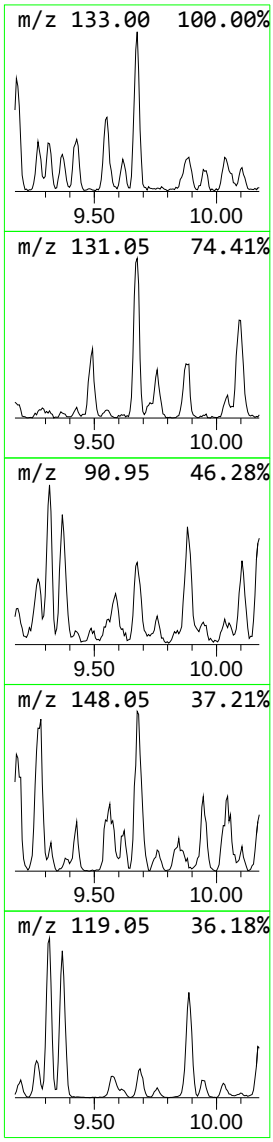
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 Benzene, (2-methyl-1-butenyl)- Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.675 | 3.68 ng/ul | 137195 | Naphthalene-d8 | 10.469 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bicyclo[4.2.0]octa-1,3,5-triene,... | 146 | C11H14 | 027087-54-3 | 86 |
| 2 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 64 |
| 3 | Benzene, (2-methyl-1-butenyl)- | 146 | C11H14 | 056253-64-6 | 64 |
| 4 | Benzene, 1-ethyl-4-(1-methylethyl)- | 148 | C11H16 | 004218-48-8 | 55 |
| 5 | Benzene, 1-methyl-2-(1-methyl-2-... | 146 | C11H14 | 097664-19-2 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

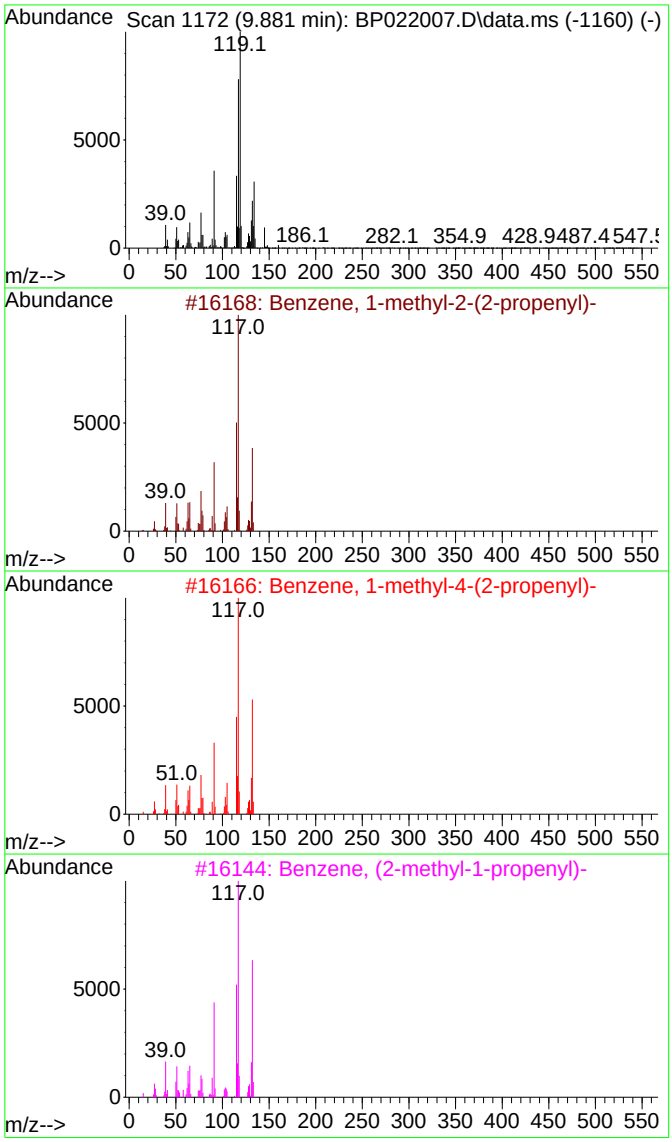
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

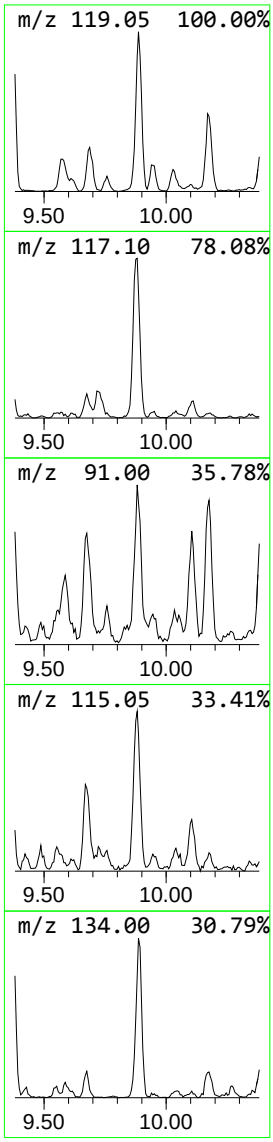
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 Benzene, 1-methyl-2-(2-prop... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.881 | 6.74 ng/ul | 251421 | Naphthalene-d8 | 10.469 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 90 |
| 2 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 64 |
| 3 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 50 |
| 4 | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12 | 000768-00-3 | 50 |
| 5 | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12 | 003290-53-7 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

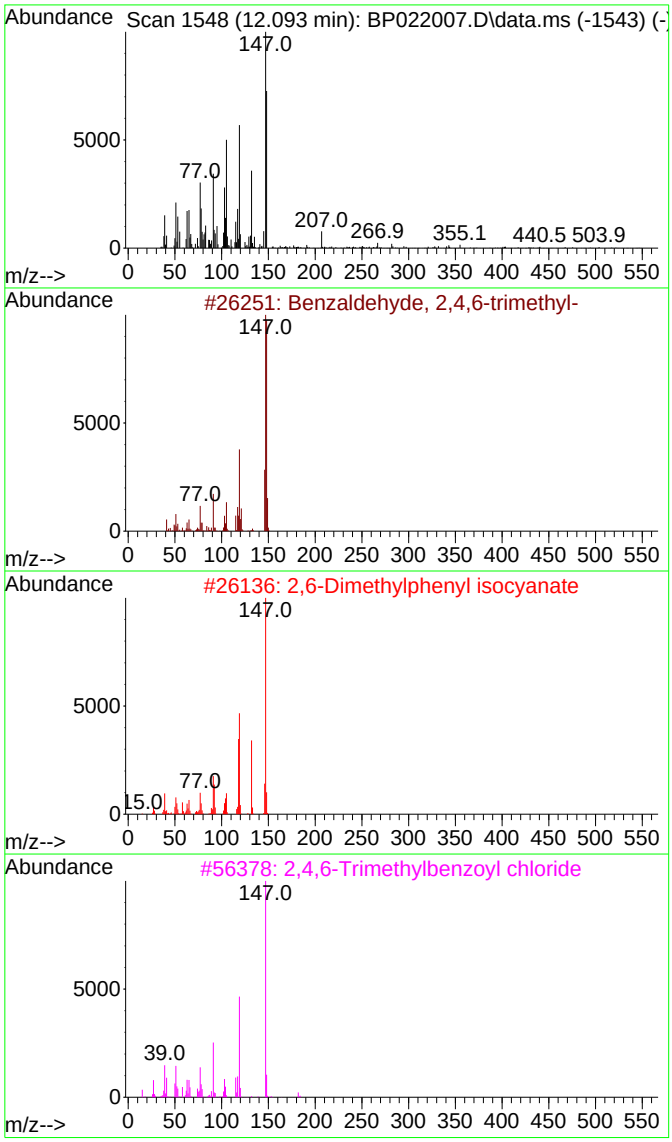
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

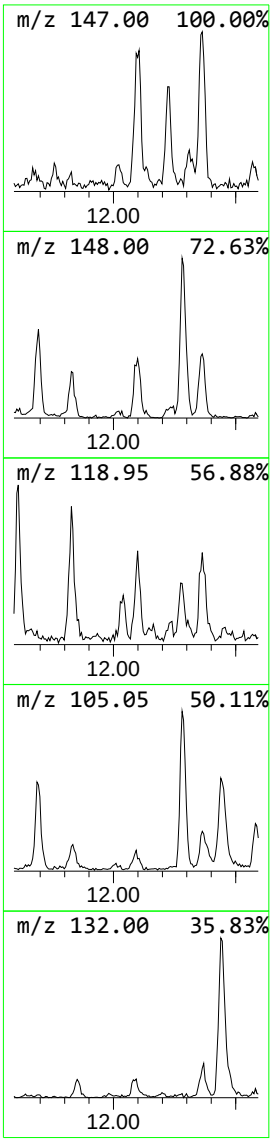
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 Benzaldehyde, 2,4,6-trimethyl- Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.093 | 2.40 ng/ul | 89522 | Naphthalene-d8 | 10.469 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzaldehyde, 2,4,6-trimethyl- | 148 | C10H12O | 000487-68-3 | 72 |
| 2 | 2,6-Dimethylphenyl isocyanate | 147 | C9H9NO | 028556-81-2 | 64 |
| 3 | 2,4,6-Trimethylbenzoyl chloride | 182 | C10H11ClO | 000938-18-1 | 60 |
| 4 | Benzaldehyde, 2,4,6-trimethyl- | 148 | C10H12O | 000487-68-3 | 58 |
| 5 | Benzaldehyde, 2,4,6-trimethyl- | 148 | C10H12O | 000487-68-3 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

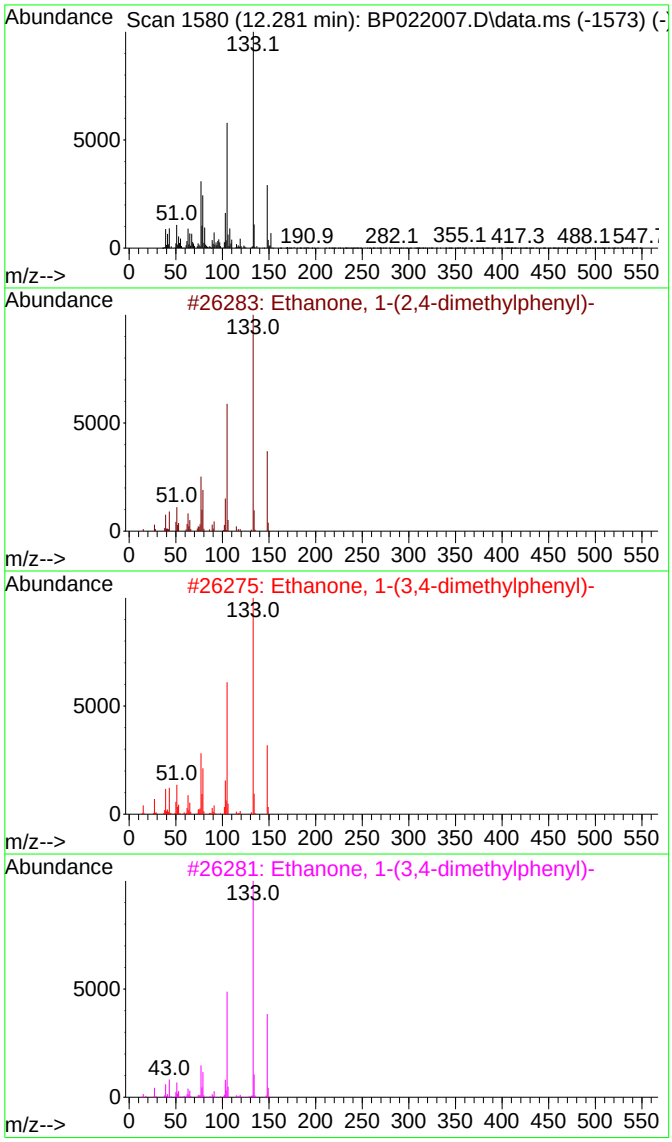
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

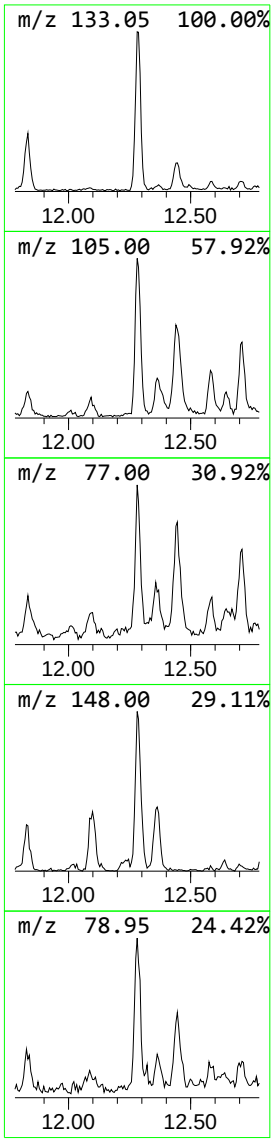
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 Ethanone, 1-(2,4-dimethylph... Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.281 | 4.00 ng/ul | 149418 | Naphthalene-d8 | 10.469 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanone, 1-(2,4-dimethylphenyl)- | 148 | C10H12O | 000089-74-7 | 95 |
| 2 | Ethanone, 1-(3,4-dimethylphenyl)- | 148 | C10H12O | 003637-01-2 | 90 |
| 3 | Ethanone, 1-(3,4-dimethylphenyl)- | 148 | C10H12O | 003637-01-2 | 90 |
| 4 | Ethanone, 1-(2,4-dimethylphenyl)- | 148 | C10H12O | 000089-74-7 | 90 |
| 5 | m-Ethylacetophenone | 148 | C10H12O | 022699-70-3 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

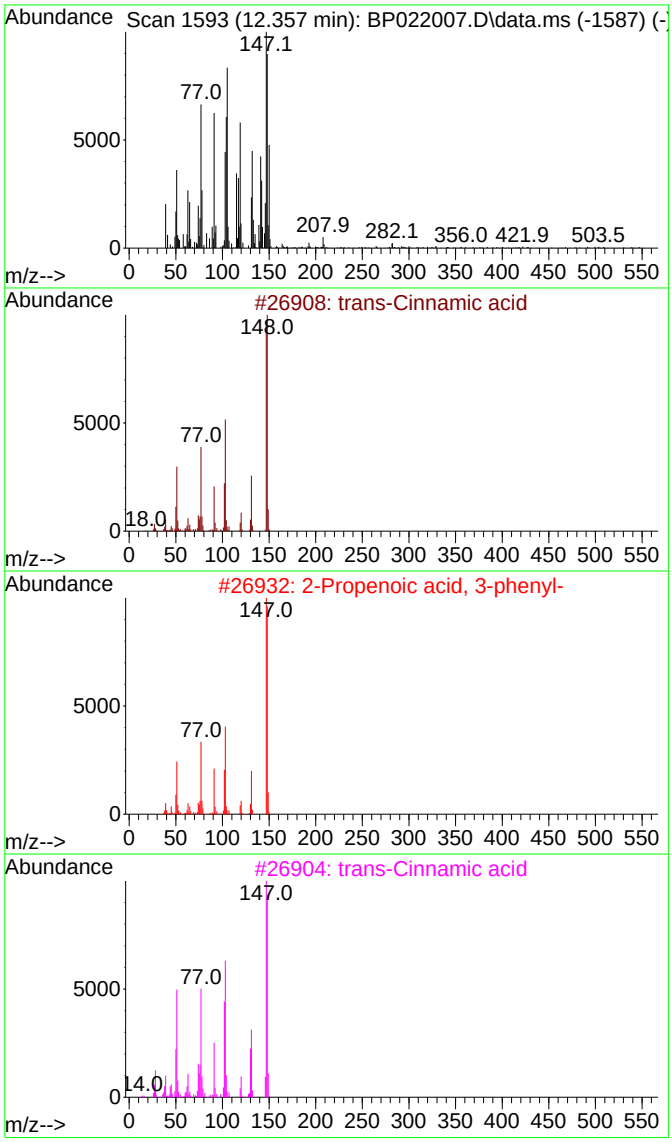
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

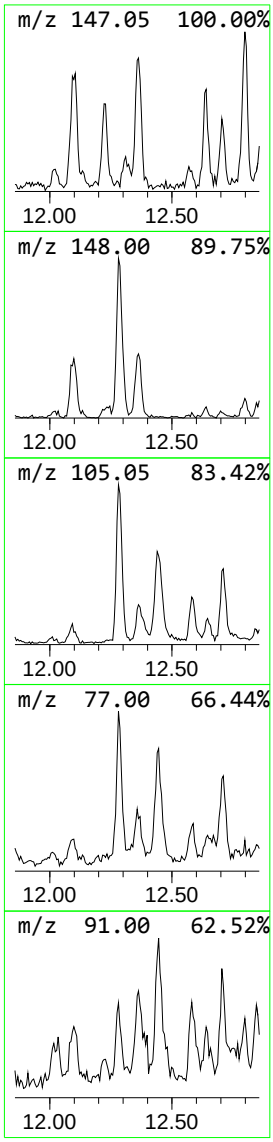
**********

Peak Number 35 unknown-02 Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.357 | 2.13 ng/ul | 79316 | Naphthalene-d8 | 10.469 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | trans-Cinnamic acid | 148 | C9H8O2 | 000140-10-3 | 46 |
| 2 | 2-Propenoic acid, 3-phenyl- | 148 | C9H8O2 | 000621-82-9 | 46 |
| 3 | trans-Cinnamic acid | 148 | C9H8O2 | 000140-10-3 | 46 |
| 4 | 2-Propenoic acid, 3-phenyl- | 148 | C9H8O2 | 000621-82-9 | 46 |
| 5 | 1,4-Benzenedicarboxaldehyde, 2-m... | 148 | C9H8O2 | 027587-17-3 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

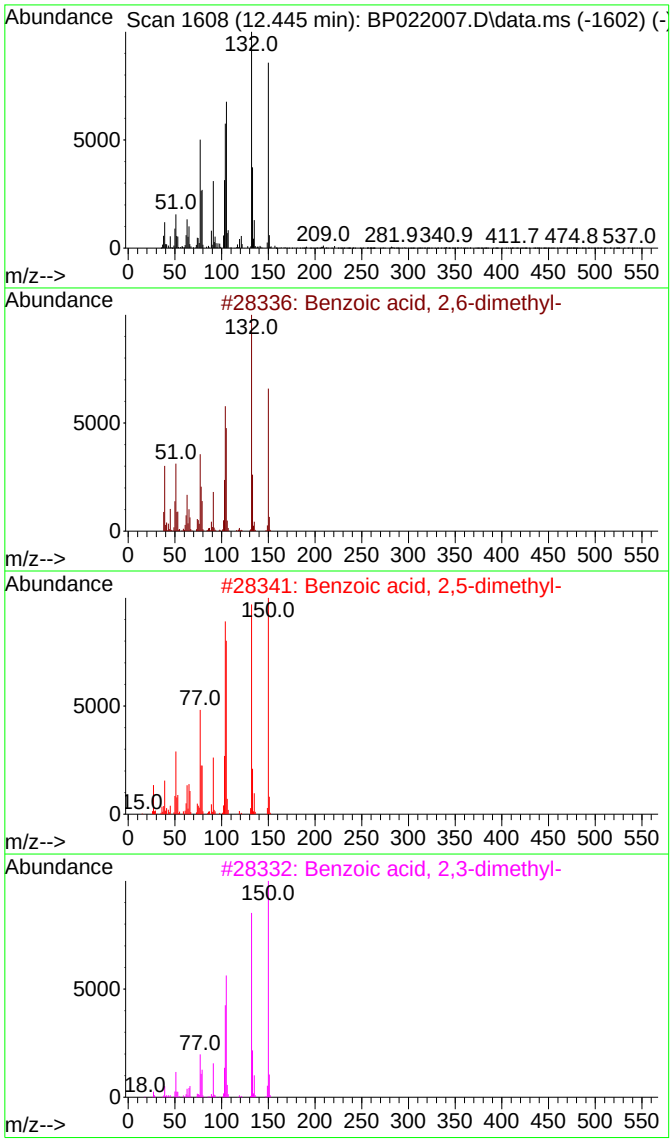
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

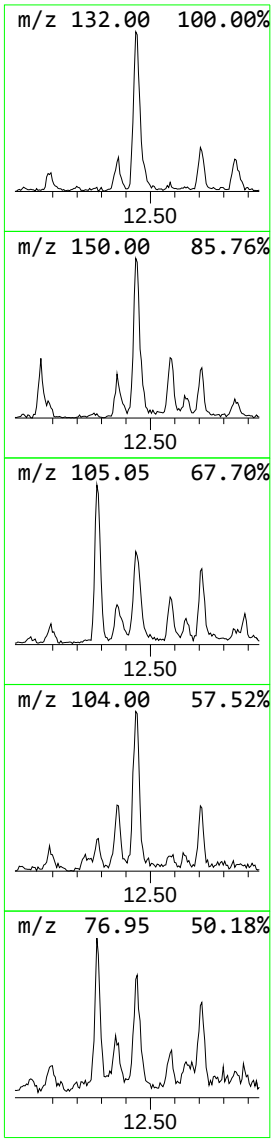
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 Benzoic acid, 2,6-dimethyl- Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.445 | 2.45 ng/ul | 149907 | Acenaphthene-d10 | 14.322 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, 2,6-dimethyl- | 150 | C9H10O2 | 000632-46-2 | 87 |
| 2 | Benzoic acid, 2,5-dimethyl- | 150 | C9H10O2 | 000610-72-0 | 81 |
| 3 | Benzoic acid, 2,3-dimethyl- | 150 | C9H10O2 | 000603-79-2 | 80 |
| 4 | Benzoic acid, 2,4-dimethyl- | 150 | C9H10O2 | 000611-01-8 | 74 |
| 5 | Benzoic acid, 2,5-dimethyl- | 150 | C9H10O2 | 000610-72-0 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

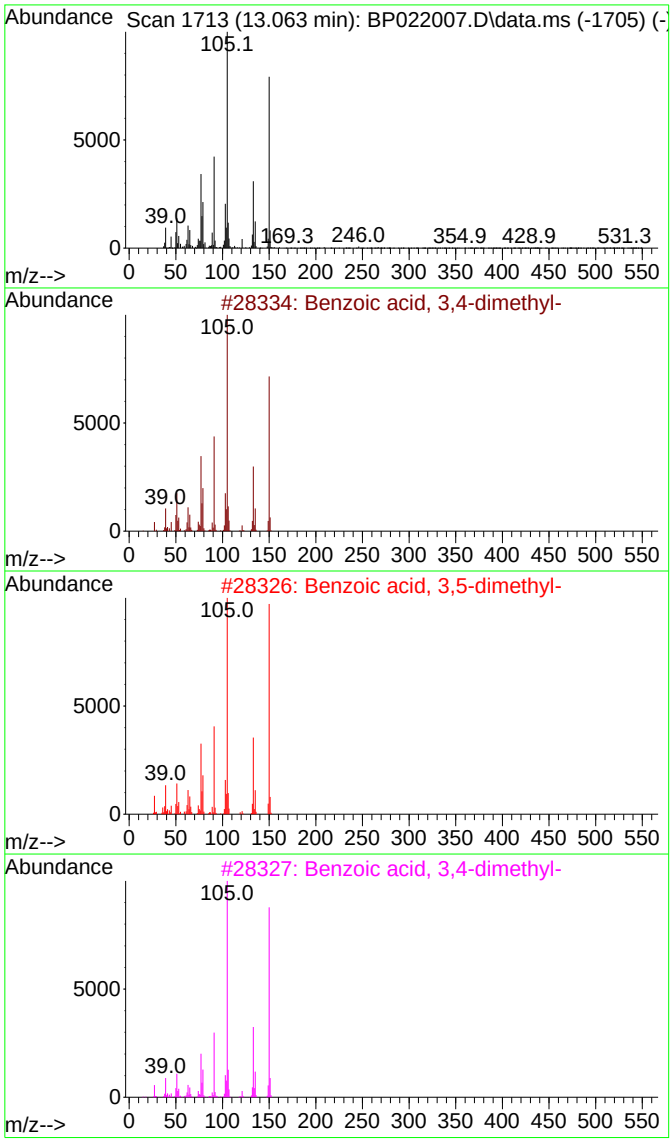
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

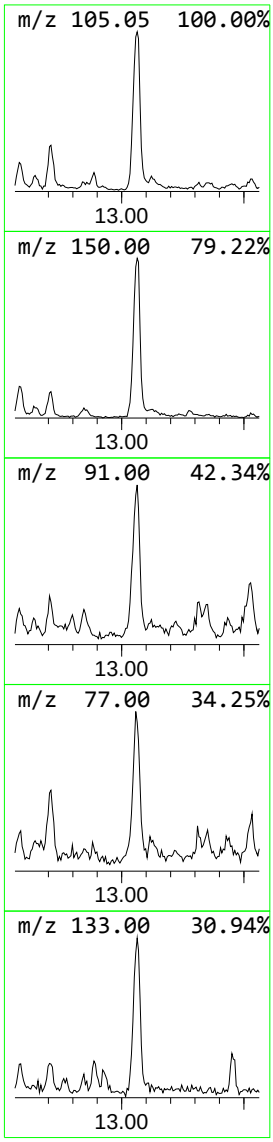
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 Benzoic acid, 3,4-dimethyl- Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.063 | 3.33 ng/ul | 203282 | Acenaphthene-d10 | 14.322 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, 3,4-dimethyl- | 150 | C9H10O2 | 000619-04-5 | 98 |
| 2 | Benzoic acid, 3,5-dimethyl- | 150 | C9H10O2 | 000499-06-9 | 94 |
| 3 | Benzoic acid, 3,4-dimethyl- | 150 | C9H10O2 | 000619-04-5 | 93 |
| 4 | Benzoic acid, 3,5-dimethyl- | 150 | C9H10O2 | 000499-06-9 | 93 |
| 5 | Benzoic acid, 3,5-dimethyl- | 150 | C9H10O2 | 000499-06-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

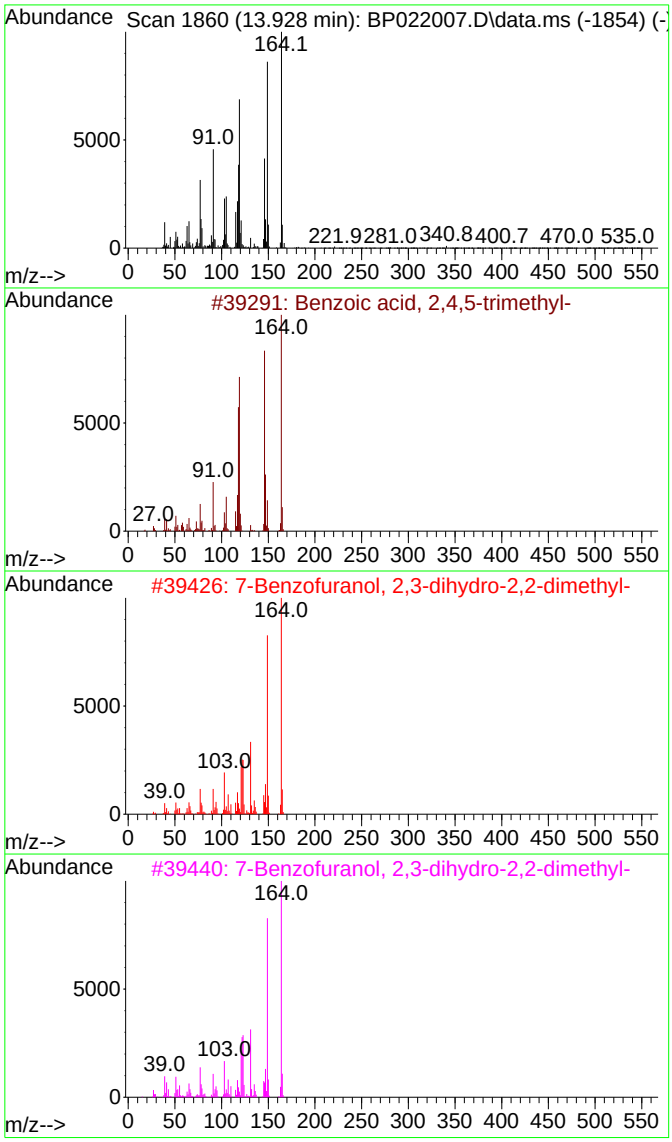
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

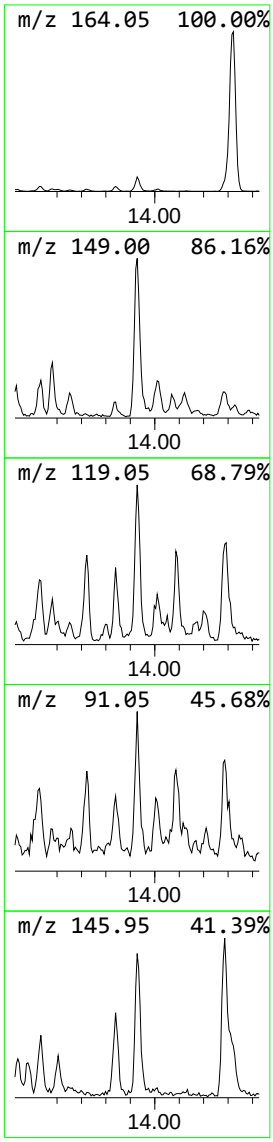
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 38 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.928 | 2.41 ng/ul | 147226 | Acenaphthene-d10 | 14.322 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, 2,4,5-trimethyl- | 164 | C10H12O2 | 000528-90-5 | 62 |
| 2 | 7-Benzofuranol, 2,3-dihydro-2,2-... | 164 | C10H12O2 | 001563-38-8 | 52 |
| 3 | 7-Benzofuranol, 2,3-dihydro-2,2-... | 164 | C10H12O2 | 001563-38-8 | 49 |
| 4 | Phenol, 2-methoxy-5-(1-propenyl)... | 164 | C10H12O2 | 019784-98-6 | 49 |
| 5 | 1,4-Benzenediamine, N,N,N',N'-te... | 164 | C10H16N2 | 000100-22-1 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION

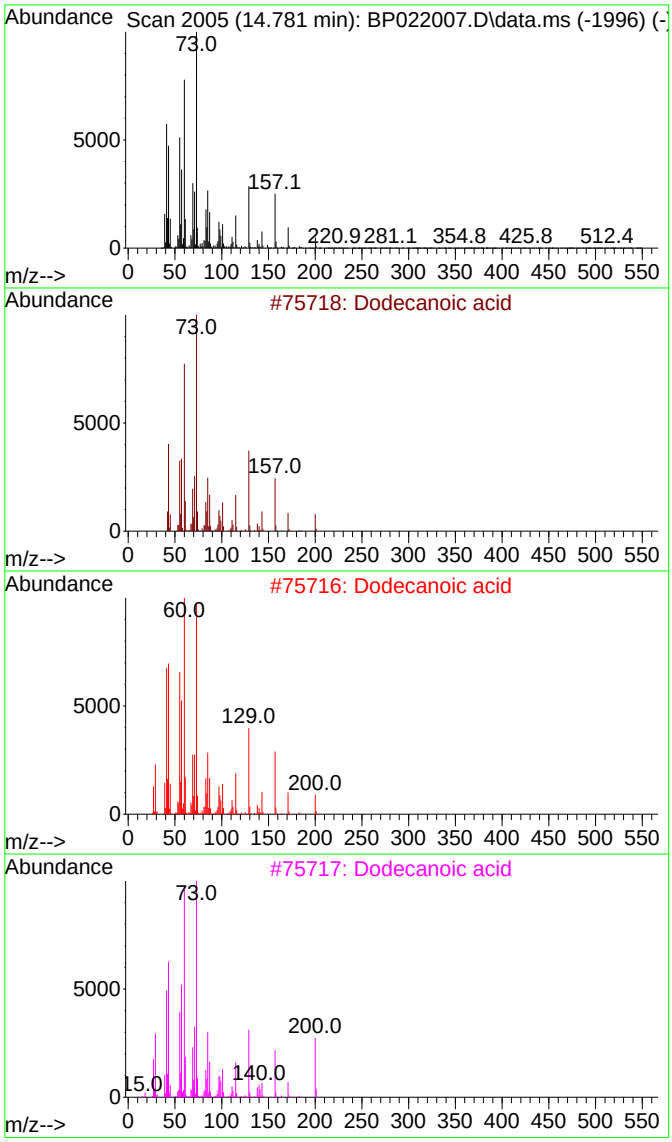
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

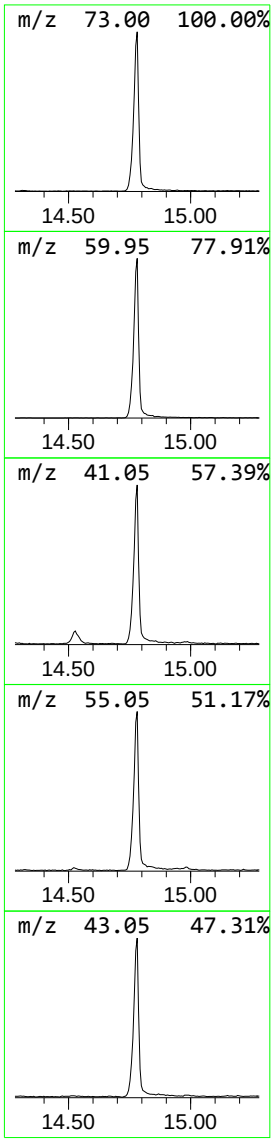
**********

Peak Number 39 Dodecanoic acid Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.781 | 32.72 ng/ul | 1998050 | Acenaphthene-d10 | 14.322 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 98 |
| 2 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 96 |
| 3 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 91 |
| 4 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 91 |
| 5 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP022007.D
Acq On : 24 Sep 2024 23:06
Operator : RC/JU
Sample : P4092-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B53

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.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 |
| unknown-01 | 5.046 | 3.4 | ng/ul | 91233 | 1 | 7.710 | 533453 | 20.0 |
| Benzene, 1,3-di... | 5.393 | 94.1 | ng/ul | 2509110 | 1 | 7.710 | 533453 | 20.0 |
| Benzene, 1-chlo... | 6.722 | 1210.6 | ng/ul | 32288700 | 1 | 7.710 | 533453 | 20.0 |
| Benzene, 1-ethy... | 6.816 | 18.6 | ng/ul | 496225 | 1 | 7.710 | 533453 | 20.0 |
| Benzene, 1-ethy... | 7.110 | 17.3 | ng/ul | 460255 | 1 | 7.710 | 533453 | 20.0 |
| Ethane, pentach... | 7.163 | 3.0 | ng/ul | 80035 | 1 | 7.710 | 533453 | 20.0 |
| Benzene, (2-met... | 7.587 | 5.3 | ng/ul | 142758 | 1 | 7.710 | 533453 | 20.0 |
| Benzeneacetalde... | 7.616 | 6.5 | ng/ul | 173598 | 1 | 7.710 | 533453 | 20.0 |
| Benzene, 1,2,3-... | 7.822 | 46.1 | ng/ul | 1229200 | 1 | 7.710 | 533453 | 20.0 |
| p-Cymene | 8.016 | 7.2 | ng/ul | 191847 | 1 | 7.710 | 533453 | 20.0 |
| Benzene, 1,4-di... | 8.193 | 7.3 | ng/ul | 194415 | 1 | 7.710 | 533453 | 20.0 |
| Benzene, (1-met... | 8.252 | 12.9 | ng/ul | 344697 | 1 | 7.710 | 533453 | 20.0 |
| Benzene, 2-ethy... | 8.340 | 27.2 | ng/ul | 726420 | 1 | 7.710 | 533453 | 20.0 |
| Benzene, 1-meth... | 8.505 | 17.1 | ng/ul | 454949 | 1 | 7.710 | 533453 | 20.0 |
| Benzene, 4-ethy... | 8.652 | 8.0 | ng/ul | 214472 | 1 | 7.710 | 533453 | 20.0 |
| o-Cymene | 8.699 | 8.7 | ng/ul | 231104 | 1 | 7.710 | 533453 | 20.0 |
| 3-Buten-2-ol, 4... | 9.040 | 10.1 | ng/ul | 270513 | 1 | 7.710 | 533453 | 20.0 |
| Bicyclo[4.2.0]o... | 9.134 | 7.8 | ng/ul | 291910 | 2 | 10.469 | 746254 | 20.0 |
| Benzene, 1,3-di... | 9.269 | 3.3 | ng/ul | 122105 | 2 | 10.469 | 746254 | 20.0 |
| Benzene, 1-ethy... | 9.316 | 4.4 | ng/ul | 162848 | 2 | 10.469 | 746254 | 20.0 |
| Benzene, 1,2,3,... | 9.369 | 4.4 | ng/ul | 163414 | 2 | 10.469 | 746254 | 20.0 |
| Benzene, (2-met... | 9.675 | 3.7 | ng/ul | 137195 | 2 | 10.469 | 746254 | 20.0 |
| Benzene, 1-meth... | 9.881 | 6.7 | ng/ul | 251421 | 2 | 10.469 | 746254 | 20.0 |
| Benzaldehyde, 2... | 12.093 | 2.4 | ng/ul | 89522 | 2 | 10.469 | 746254 | 20.0 |
| Ethanone, 1-(2,... | 12.281 | 4.0 | ng/ul | 149418 | 2 | 10.469 | 746254 | 20.0 |
| unknown-02 | 12.357 | 2.1 | ng/ul | 79316 | 2 | 10.469 | 746254 | 20.0 |
| Benzoic acid, 2... | 12.445 | 2.5 | ng/ul | 149907 | 3 | 14.322 | 1221320 | 20.0 |
| Benzoic acid, 3... | 13.063 | 3.3 | ng/ul | 203282 | 3 | 14.322 | 1221320 | 20.0 |
| Benzoic acid, 2... | 13.928 | 2.4 | ng/ul | 147226 | 3 | 14.322 | 1221320 | 20.0 |
| Dodecanoic acid | 14.781 | 32.7 | ng/ul | 1998050 | 3 | 14.322 | 1221320 | 20.0 |