LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022984.D
Acq On : 10 Nov 2024 03:26
Operator : RC/JU
Sample : P4746-15
Misc :
ALS Vial : 71 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCP88

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-BP110924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022984.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.111 | 16 | 21 | 24 | rBV | 54376 | 75988 | 2.63% | 0.340% |
| 2 | 3.140 | 24 | 26 | 32 | rVB | 14608 | 17739 | 0.61% | 0.079% |
| 3 | 3.564 | 94 | 98 | 114 | rBV | 40945 | 79842 | 2.76% | 0.358% |
| 4 | 3.864 | 146 | 149 | 159 | rVB4 | 3935 | 6400 | 0.22% | 0.029% |
| 5 | 4.234 | 208 | 212 | 217 | rVB8 | 2189 | 2932 | 0.10% | 0.013% |
| 6 | 4.375 | 229 | 236 | 244 | rVB4 | 11370 | 22288 | 0.77% | 0.100% |
| 7 | 4.934 | 329 | 331 | 339 | rBV7 | 2025 | 3429 | 0.12% | 0.015% |
| 8 | 6.281 | 555 | 560 | 566 | rBV8 | 1560 | 2976 | 0.10% | 0.013% |
| 9 | 6.793 | 641 | 647 | 660 | rBV2 | 59513 | 128370 | 4.44% | 0.575% |
| 10 | 6.934 | 665 | 671 | 680 | rBV | 193282 | 299331 | 10.34% | 1.341% |
| 11 | 7.134 | 698 | 705 | 715 | rBV | 211664 | 379999 | 13.13% | 1.702% |
| 12 | 7.205 | 715 | 717 | 726 | rVB10 | 2868 | 5475 | 0.19% | 0.025% |
| 13 | 7.587 | 774 | 782 | 797 | rBV | 220851 | 383128 | 13.24% | 1.716% |
| 14 | 8.305 | 898 | 904 | 918 | rBV | 211613 | 370976 | 12.82% | 1.661% |
| 15 | 8.728 | 968 | 976 | 989 | rBV | 278777 | 459324 | 15.87% | 2.057% |
| 16 | 8.875 | 998 | 1001 | 1008 | rVB4 | 2848 | 4159 | 0.14% | 0.019% |
| 17 | 9.122 | 1037 | 1043 | 1048 | rVB5 | 2945 | 5434 | 0.19% | 0.024% |
| 18 | 9.446 | 1091 | 1098 | 1110 | rBV | 236441 | 414105 | 14.31% | 1.855% |
| 19 | 9.987 | 1181 | 1190 | 1211 | rBV | 291165 | 632436 | 21.86% | 2.832% |
| 20 | 10.163 | 1215 | 1220 | 1232 | rVB8 | 4668 | 14228 | 0.49% | 0.064% |
| 21 | 10.340 | 1243 | 1250 | 1261 | rBV | 310526 | 527084 | 18.21% | 2.361% |
| 22 | 10.493 | 1267 | 1276 | 1290 | rBV | 202398 | 423838 | 14.65% | 1.898% |
| 23 | 11.598 | 1458 | 1464 | 1467 | rBV7 | 1748 | 3044 | 0.11% | 0.014% |
| 24 | 11.946 | 1514 | 1523 | 1530 | rBV2 | 4621 | 10684 | 0.37% | 0.048% |
| 25 | 13.616 | 1801 | 1807 | 1817 | rBV | 881368 | 1134930 | 39.22% | 5.083% |
| 26 | 13.904 | 1845 | 1856 | 1868 | rBV2 | 818372 | 1148708 | 39.70% | 5.144% |
| 27 | 14.216 | 1902 | 1909 | 1917 | rBV | 547027 | 838844 | 28.99% | 3.757% |
| 28 | 14.510 | 1946 | 1959 | 1972 | rBV4 | 36243 | 133194 | 4.60% | 0.597% |
| 29 | 15.222 | 2071 | 2080 | 2092 | rBV | 863593 | 1605359 | 55.48% | 7.190% |
| 30 | 15.369 | 2099 | 2105 | 2116 | rBV | 397537 | 599283 | 20.71% | 2.684% |
| 31 | 15.457 | 2118 | 2120 | 2128 | rVB5 | 6478 | 9753 | 0.34% | 0.044% |
| 32 | 15.598 | 2139 | 2144 | 2151 | rBV | 27318 | 39796 | 1.38% | 0.178% |
| 33 | 16.486 | 2292 | 2295 | 2300 | rVB7 | 2324 | 3594 | 0.12% | 0.016% |
| 34 | 16.604 | 2311 | 2315 | 2321 | rVB2 | 4829 | 6422 | 0.22% | 0.029% |
| 35 | 16.686 | 2326 | 2329 | 2336 | rVB9 | 1605 | 2942 | 0.10% | 0.013% |
| 36 | 16.969 | 2369 | 2377 | 2378 | rBV5 | 5199 | 7632 | 0.26% | 0.034% |

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Integration Parameters: LSCINT.P
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Smoothing : OFF Filtering: 5
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Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 17.016 | 2378 | 2385 | 2396 | rVV | 753509 | 1192018 | 41.19% | 5.338% |
| 38 | 17.122 | 2397 | 2403 | 2417 | rVV | 1420927 | 1973678 | 68.21% | 8.839% |
| 39 | 17.445 | 2450 | 2458 | 2463 | rBV | 2490 | 6237 | 0.22% | 0.028% |
| 40 | 17.516 | 2464 | 2470 | 2480 | rBV | 244130 | 373850 | 12.92% | 1.674% |
| 41 | 17.675 | 2494 | 2497 | 2500 | rBV4 | 5503 | 7724 | 0.27% | 0.035% |
| 42 | 17.710 | 2500 | 2503 | 2511 | rVB8 | 9772 | 15073 | 0.52% | 0.068% |
| 43 | 17.886 | 2529 | 2533 | 2537 | rVB7 | 2136 | 3113 | 0.11% | 0.014% |
| 44 | 17.951 | 2539 | 2544 | 2550 | rBV | 33308 | 48304 | 1.67% | 0.216% |
| 45 | 18.163 | 2574 | 2580 | 2590 | rBV | 128866 | 209106 | 7.23% | 0.936% |
| 46 | 19.033 | 2724 | 2728 | 2735 | rVB4 | 23703 | 34477 | 1.19% | 0.154% |
| 47 | 19.122 | 2738 | 2743 | 2748 | rBV | 16254 | 26907 | 0.93% | 0.121% |
| 48 | 19.292 | 2768 | 2772 | 2777 | rBV8 | 12895 | 20337 | 0.70% | 0.091% |
| 49 | 19.439 | 2794 | 2797 | 2799 | rBV4 | 4471 | 6061 | 0.21% | 0.027% |
| 50 | 19.498 | 2800 | 2807 | 2816 | rVV | 1822810 | 2564520 | 88.62% | 11.485% |
| 51 | 21.445 | 3132 | 3138 | 3149 | rBV | 994376 | 1546214 | 53.43% | 6.925% |
| 52 | 24.445 | 3637 | 3648 | 3659 | rVB | 1114978 | 2893717 | 100.00% | 12.960% |
| 53 | 24.651 | 3676 | 3683 | 3697 | rVB | 650758 | 1603893 | 55.43% | 7.183% |

Sum of corrected areas: 22328895

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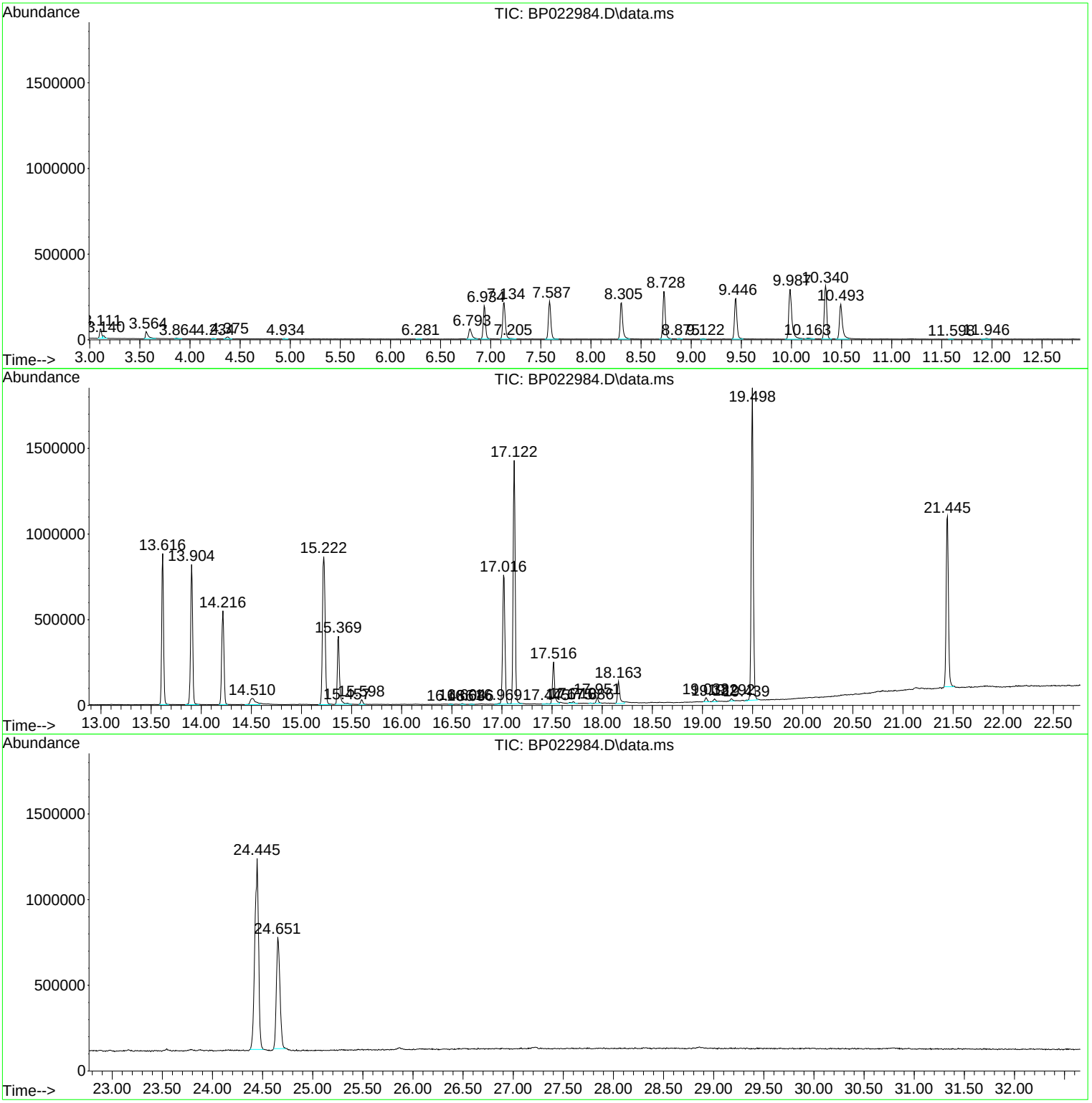
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION

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



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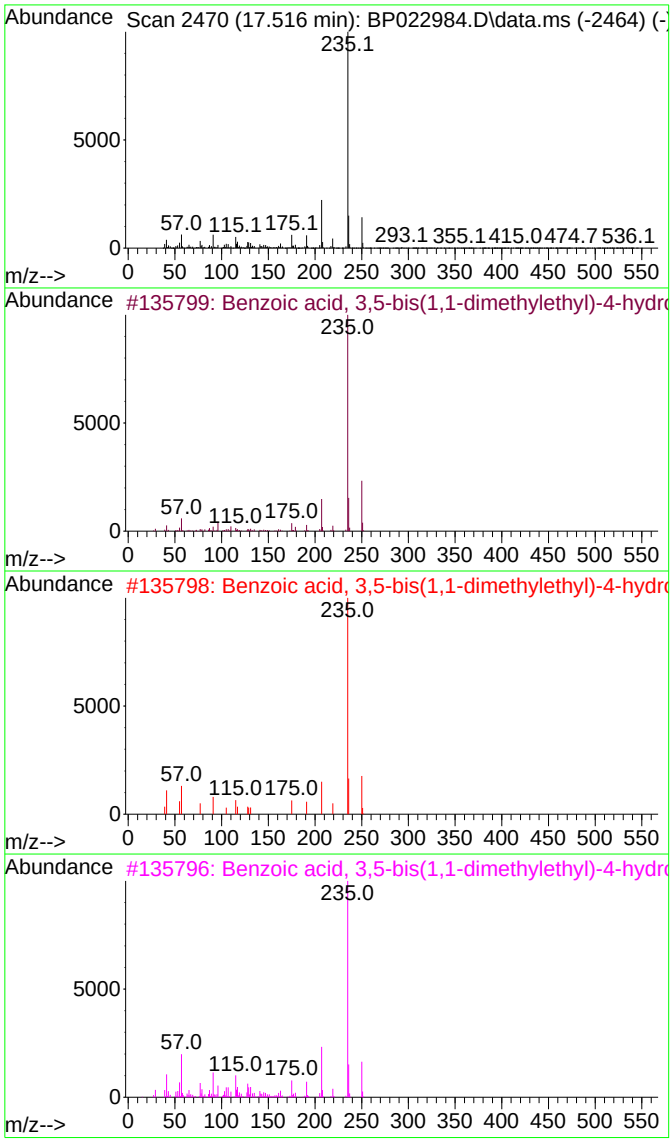
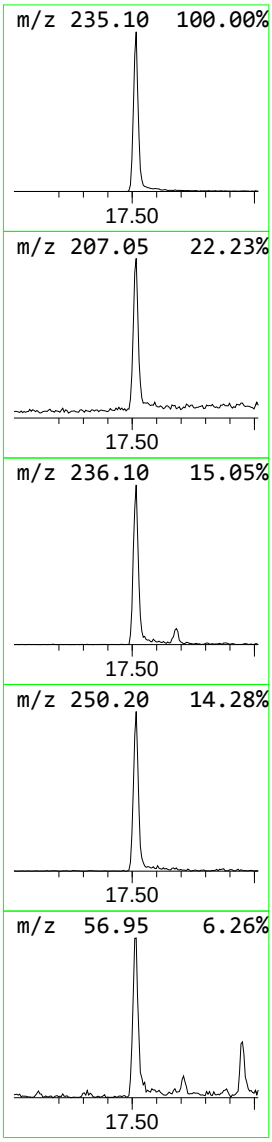
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.516 | 6.27 ng/ul | 373850 | Phenanthrene-d10 | 17.016 |

| 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 | 94 |
| 3 | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 94 |
| 4 | Ethane, 1,1-bis(p-chlorophenyl)- | 250 | C14H12Cl2 | 003547-04-4 | 53 |
| 5 | N-(4-Hydroxyphenyl)-2-naphthylamine | 235 | C16H13NO | 000093-45-8 | 53 |



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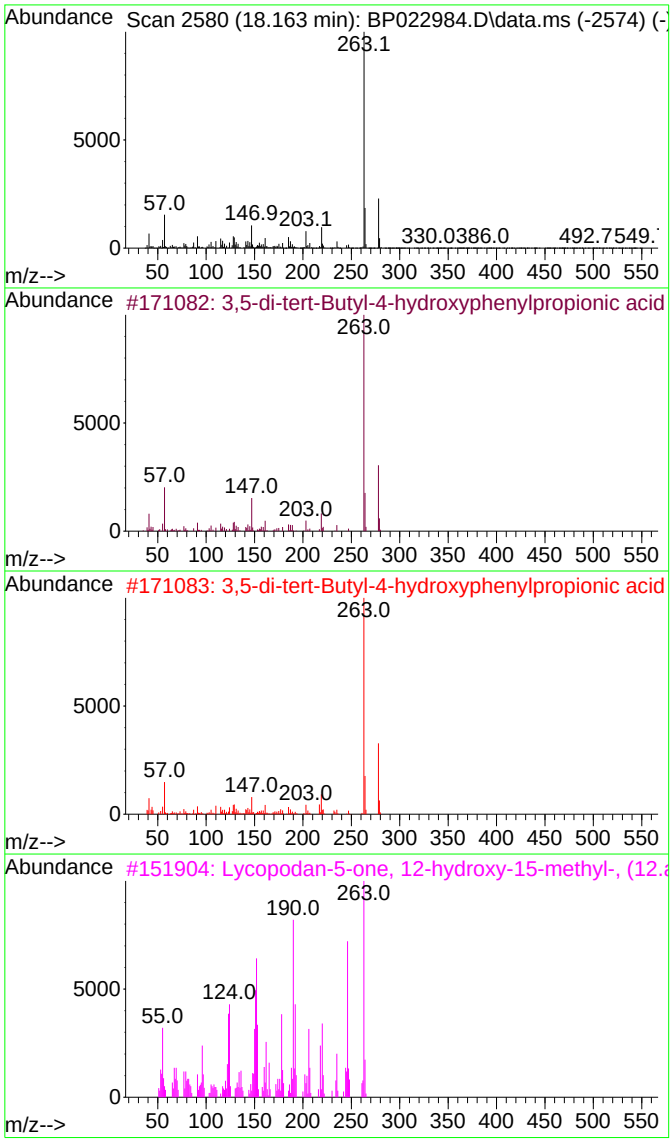
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION

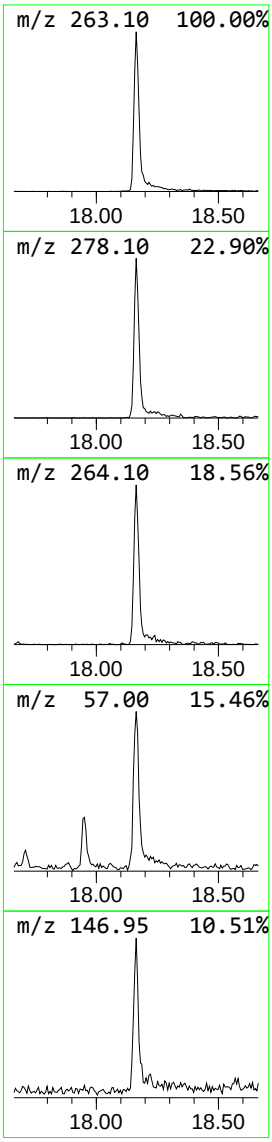
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.163 | 3.51 ng/ul | 209106 | Phenanthrene-d10 | 17.016 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,5-di-tert-Butyl-4-hydroxypheny... | 278 | C17H26O3 | 020170-32-5 | 94 |
| 2 | 3,5-di-tert-Butyl-4-hydroxypheny... | 278 | C17H26O3 | 020170-32-5 | 94 |
| 3 | Lycopodan-5-one, 12-hydroxy-15-m... | 263 | C16H25NO2 | 021061-90-5 | 91 |
| 4 | 6,7-Dimethoxy-4(1H)-quinazolinon... | 278 | C13H18N2O3Si | 1000479-65-5 | 64 |
| 5 | 2,4-Di-tert-butylphenoxytrimethy... | 278 | C17H30OSi | 053925-65-8 | 64 |



Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzoic acid, 3... | 17.516 | 6.3 | ng/ul | 373850 | 4 | 17.016 | 1192020 | 20.0 |
| 3,5-di-tert-But... | 18.163 | 3.5 | ng/ul | 209106 | 4 | 17.016 | 1192020 | 20.0 |