LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022959.D
Acq On : 09 Nov 2024 09:50
Operator : RC/JU
Sample : P4744-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** GCP73

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: BP022959.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 | 11771 | 15529 | 0.56% | 0.078% |
| 2 | 3.140 | 24 | 26 | 34 | rVB2 | 11306 | 15001 | 0.54% | 0.076% |
| 3 | 3.576 | 96 | 100 | 111 | rBV | 21436 | 42489 | 1.52% | 0.215% |
| 4 | 3.870 | 146 | 150 | 154 | rBV5 | 2972 | 3577 | 0.13% | 0.018% |
| 5 | 4.381 | 231 | 237 | 245 | rBV | 45191 | 70841 | 2.53% | 0.358% |
| 6 | 6.746 | 633 | 639 | 643 | rVB3 | 2405 | 4295 | 0.15% | 0.022% |
| 7 | 6.805 | 643 | 649 | 664 | rBV | 49623 | 103003 | 3.69% | 0.520% |
| 8 | 6.940 | 666 | 672 | 683 | rVV | 156643 | 255718 | 9.15% | 1.292% |
| 9 | 7.146 | 700 | 707 | 717 | rBV | 187204 | 326902 | 11.70% | 1.652% |
| 10 | 7.593 | 774 | 783 | 794 | rBV | 190976 | 336227 | 12.03% | 1.699% |
| 11 | 8.305 | 898 | 904 | 917 | rBV | 152127 | 297566 | 10.65% | 1.503% |
| 12 | 8.740 | 970 | 978 | 988 | rBV | 219159 | 377601 | 13.51% | 1.908% |
| 13 | 8.875 | 997 | 1001 | 1009 | rVB10 | 1256 | 3191 | 0.11% | 0.016% |
| 14 | 9.128 | 1040 | 1044 | 1050 | rVB3 | 5070 | 7634 | 0.27% | 0.039% |
| 15 | 9.334 | 1073 | 1079 | 1089 | rBV3 | 1791 | 4594 | 0.16% | 0.023% |
| 16 | 9.452 | 1092 | 1099 | 1117 | rBV | 203215 | 344074 | 12.31% | 1.738% |
| 17 | 9.993 | 1184 | 1191 | 1223 | rBV | 232505 | 525392 | 18.80% | 2.654% |
| 18 | 10.346 | 1242 | 1251 | 1260 | rBV | 271345 | 455687 | 16.30% | 2.302% |
| 19 | 10.510 | 1268 | 1279 | 1293 | rBV | 47701 | 126371 | 4.52% | 0.638% |
| 20 | 11.605 | 1460 | 1465 | 1470 | rBV3 | 3579 | 6218 | 0.22% | 0.031% |
| 21 | 11.952 | 1519 | 1524 | 1531 | rBV2 | 3711 | 6570 | 0.24% | 0.033% |
| 22 | 13.099 | 1714 | 1719 | 1721 | rBV5 | 1707 | 2848 | 0.10% | 0.014% |
| 23 | 13.616 | 1802 | 1807 | 1817 | rBV | 744596 | 950364 | 34.00% | 4.801% |
| 24 | 13.910 | 1848 | 1857 | 1869 | rBV | 592967 | 949855 | 33.98% | 4.799% |
| 25 | 14.216 | 1902 | 1909 | 1921 | rBV | 439839 | 702865 | 25.15% | 3.551% |
| 26 | 14.510 | 1951 | 1959 | 1968 | rBV4 | 23062 | 86752 | 3.10% | 0.438% |
| 27 | 15.022 | 2041 | 2046 | 2050 | rBV4 | 2447 | 3591 | 0.13% | 0.018% |
| 28 | 15.216 | 2071 | 2079 | 2089 | rBV | 724330 | 1341533 | 48.00% | 6.778% |
| 29 | 15.375 | 2097 | 2106 | 2117 | rBV | 312475 | 514207 | 18.40% | 2.598% |
| 30 | 15.457 | 2118 | 2120 | 2129 | rVB5 | 6873 | 11609 | 0.42% | 0.059% |
| 31 | 15.598 | 2137 | 2144 | 2151 | rBV | 170794 | 265161 | 9.49% | 1.340% |
| 32 | 16.169 | 2236 | 2241 | 2248 | rVB | 39404 | 53004 | 1.90% | 0.268% |
| 33 | 16.422 | 2279 | 2284 | 2292 | rBV10 | 3433 | 9346 | 0.33% | 0.047% |
| 34 | 16.693 | 2323 | 2330 | 2332 | rBV7 | 1526 | 2890 | 0.10% | 0.015% |
| 35 | 17.016 | 2378 | 2385 | 2394 | rBV | 575336 | 952950 | 34.09% | 4.814% |
| 36 | 17.128 | 2397 | 2404 | 2416 | rBV2 | 1135100 | 1692240 | 60.54% | 8.549% |

LSC Area Percent Report

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Sample : P4744-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCP73

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 17.310 | 2433 | 2435 | 2441 | rVB7 | 2461 | 4224 | 0.15% | 0.021% |
| 38 | 17.516 | 2466 | 2470 | 2478 | rBV | 19035 | 27825 | 1.00% | 0.141% |
| 39 | 17.710 | 2498 | 2503 | 2510 | rVB5 | 16114 | 26121 | 0.93% | 0.132% |
| 40 | 17.822 | 2518 | 2522 | 2527 | rBV8 | 5705 | 11132 | 0.40% | 0.056% |
| 41 | 17.957 | 2539 | 2545 | 2550 | rBV2 | 43798 | 68050 | 2.43% | 0.344% |
| 42 | 18.022 | 2553 | 2556 | 2560 | rVV4 | 2639 | 4577 | 0.16% | 0.023% |
| 43 | 18.175 | 2576 | 2582 | 2593 | rBV | 548887 | 794425 | 28.42% | 4.014% |
| 44 | 18.828 | 2688 | 2693 | 2699 | rVB3 | 13975 | 25736 | 0.92% | 0.130% |
| 45 | 19.039 | 2726 | 2729 | 2734 | rVB2 | 19264 | 22140 | 0.79% | 0.112% |
| 46 | 19.116 | 2738 | 2742 | 2747 | rVV | 14172 | 23416 | 0.84% | 0.118% |
| 47 | 19.163 | 2747 | 2750 | 2758 | rVB6 | 11230 | 18620 | 0.67% | 0.094% |
| 48 | 19.286 | 2767 | 2771 | 2776 | rBV6 | 16080 | 27013 | 0.97% | 0.136% |
| 49 | 19.492 | 2800 | 2806 | 2820 | rVB | 1635078 | 2220735 | 79.45% | 11.219% |
| 50 | 21.451 | 3134 | 3139 | 3152 | rBV2 | 771549 | 1344030 | 48.08% | 6.790% |
| 51 | 24.451 | 3640 | 3649 | 3667 | rVB | 991217 | 2795137 | 100.00% | 14.121% |
| 52 | 24.680 | 3679 | 3688 | 3701 | rVB | 569434 | 1512686 | 54.12% | 7.642% |

Sum of corrected areas: 19793562

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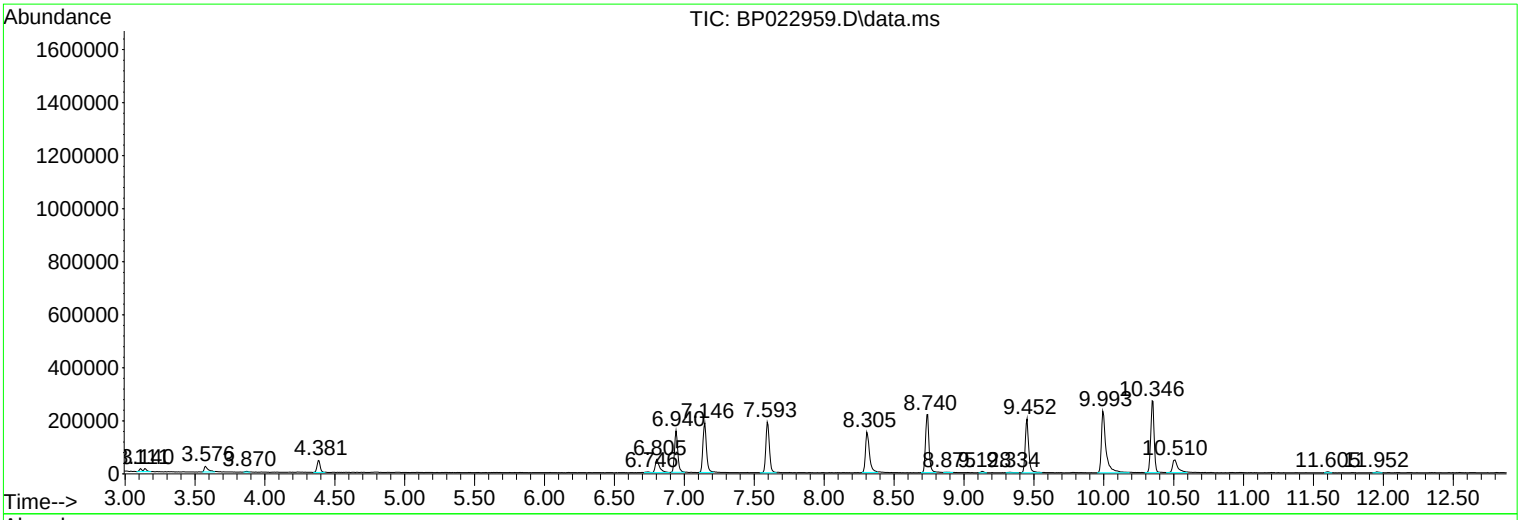
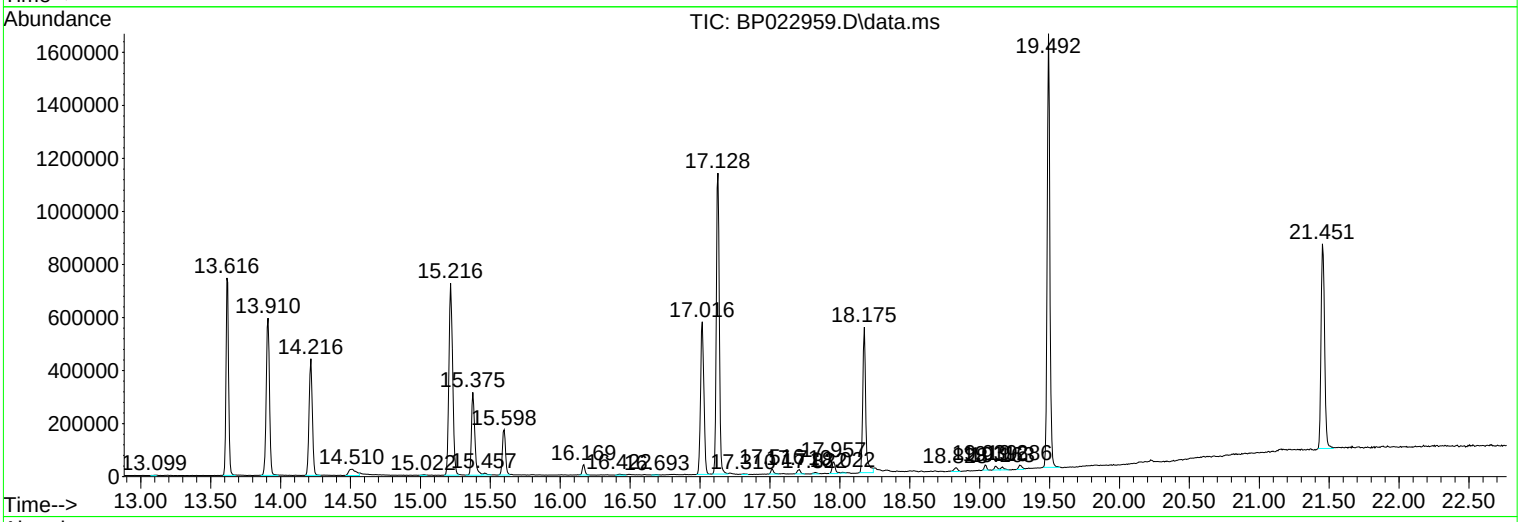
Sample : P4744-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

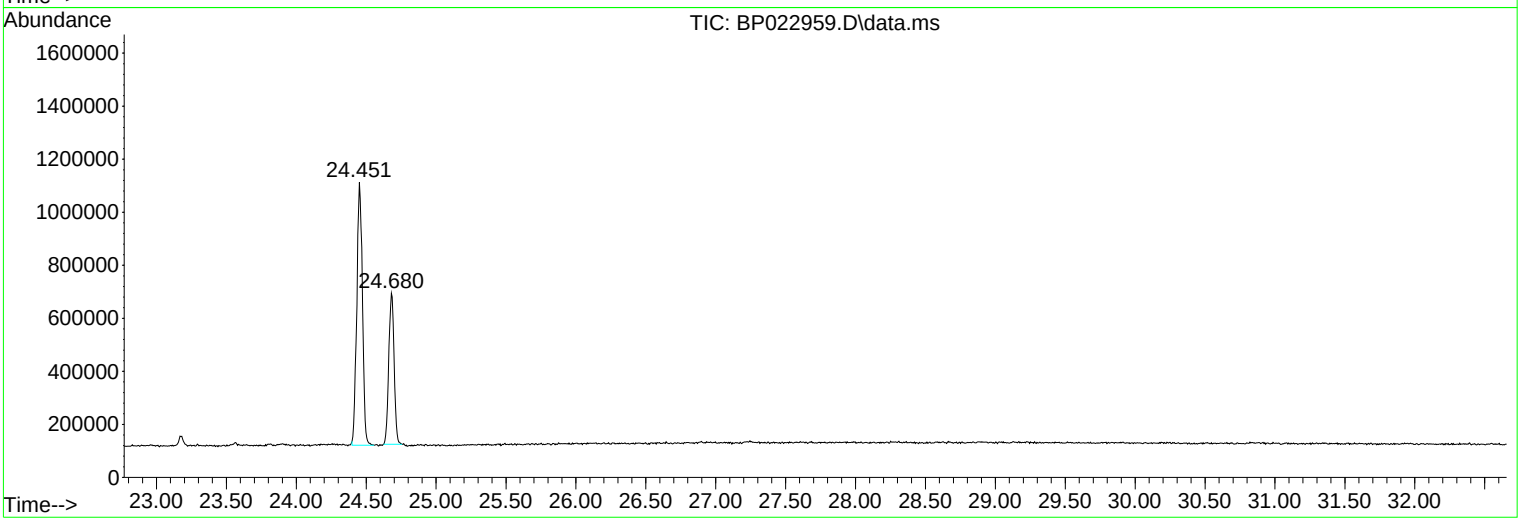
**Instrument :**
BNA_P
**ClientSampleId :**
GCP73

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022959.D
Acq On : 09 Nov 2024 09:50
Operator : RC/JU
Sample : P4744-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCP73

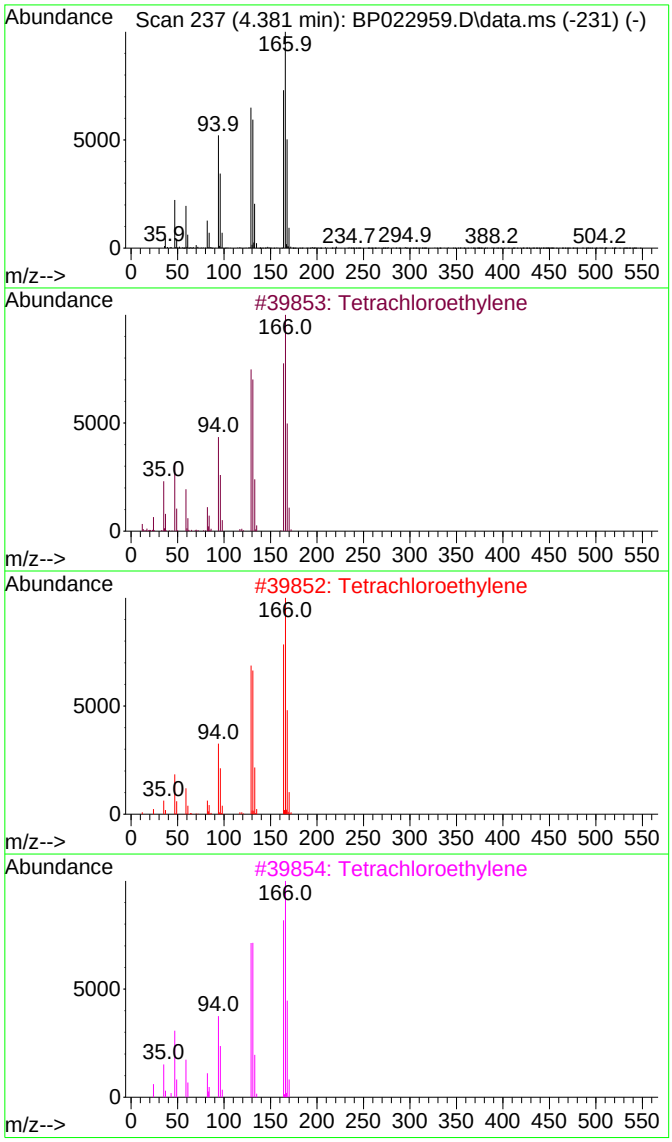
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION

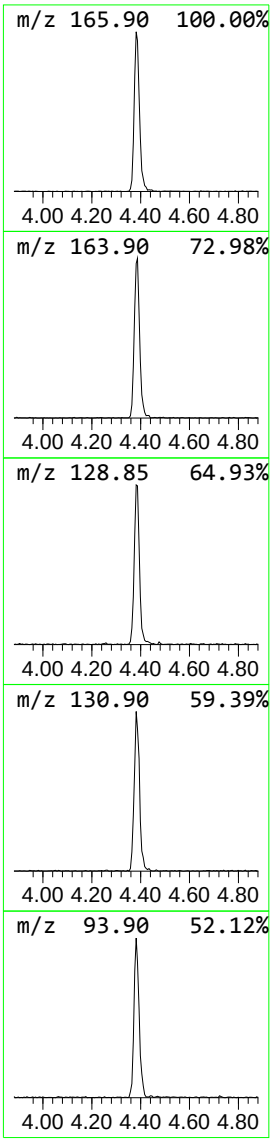
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Tetrachloroethylene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.381 | 4.21 ng/ul | 70841 | 1,4-Dichlorobenzene-d4 | 7.593 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 93 |
| 2 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 93 |
| 3 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 91 |
| 4 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 87 |
| 5 | Pyrimidine, 5-fluoro-2,4-dichloro- | 166 | C4HCl2FN2 | 002927-71-1 | 46 |



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Data File : BP022959.D
Acq On : 09 Nov 2024 09:50
Operator : RC/JU
Sample : P4744-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCP73

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

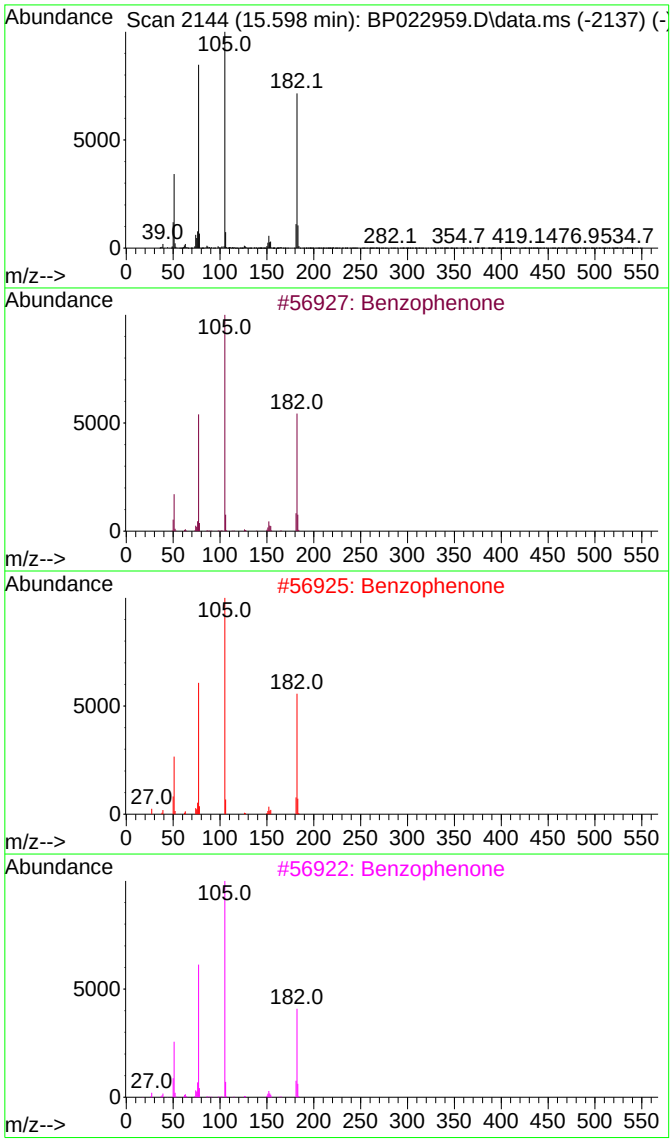
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

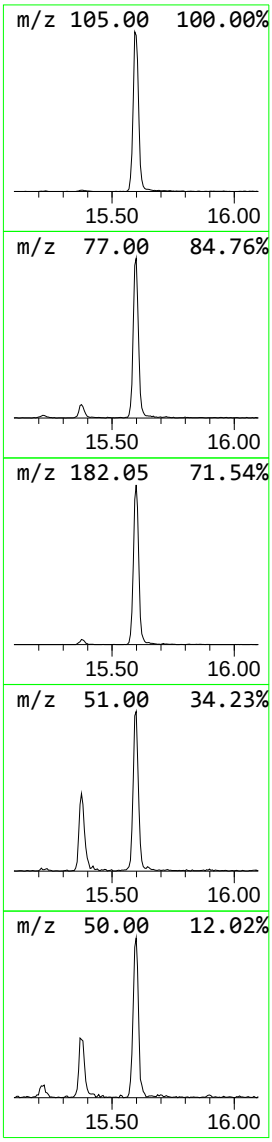
**********

Peak Number 2 Benzophenone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.598 | 7.55 ng/ul | 265161 | Acenaphthene-d10 | 14.216 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 97 |
| 2 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 3 | Benzophenone | 182 | C13H10O | 000119-61-9 | 95 |
| 4 | Benzophenone | 182 | C13H10O | 000119-61-9 | 93 |
| 5 | Benzophenone | 182 | C13H10O | 000119-61-9 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022959.D
Acq On : 09 Nov 2024 09:50
Operator : RC/JU
Sample : P4744-20
Misc :
ALS Vial : 44 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCP73

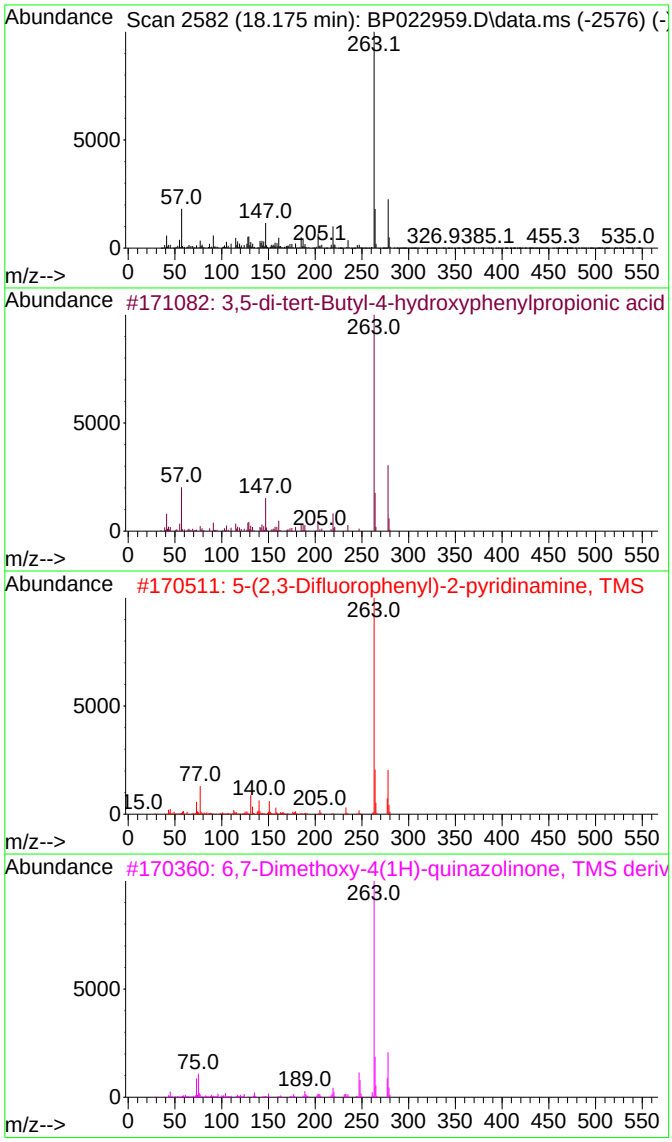
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
Quant Title : SVOA CALIBRATION

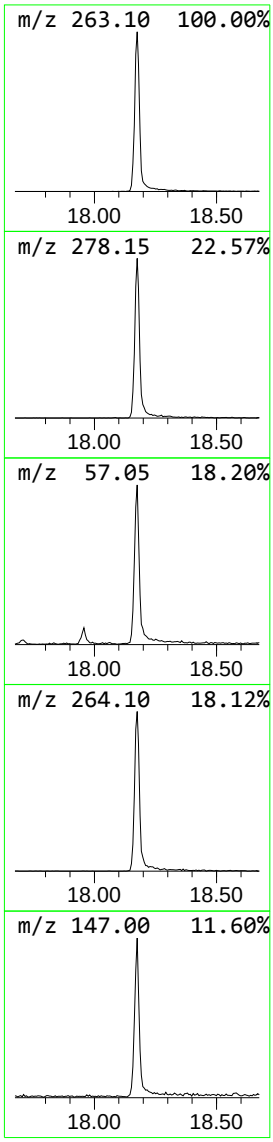
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.175 | 16.67 ng/ul | 794425 | 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 | 96 |
| 2 | 5-(2,3-Difluorophenyl)-2-pyridin... | 278 | C14H16F2N2Si | 1000504-49-4 | 74 |
| 3 | 6,7-Dimethoxy-4(1H)-quinazolinon... | 278 | C13H18N2O3Si | 1000479-65-5 | 64 |
| 4 | 2,6-Bis(tert-butyl)phenol, TMS d... | 278 | C17H30OSi | 010416-73-6 | 59 |
| 5 | Cyanic acid, (1-methylethylidene... | 278 | C17H14N2O2 | 001156-51-0 | 59 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
Data File : BP022959.D
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Operator : RC/JU
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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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Tetrachloroethy... | 4.381 | 4.2 | ng/ul | 70841 | 1 | 7.593 | 336227 | 20.0 |
| Benzophenone | 15.598 | 7.5 | ng/ul | 265161 | 3 | 14.216 | 702865 | 20.0 |
| 3,5-di-tert-But... | 18.175 | 16.7 | ng/ul | 794425 | 4 | 17.016 | 952950 | 20.0 |