LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018224.D
Acq On : 17 Nov 2023 16:46
Operator : MA/JU
Sample : 05369-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCDN4

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-BP111023.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP018224.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.164 | 9 | 13 | 18 | rBV2 | 10425 | 13460 | 0.62% | 0.077% |
| 2 | 3.611 | 85 | 89 | 102 | rBV | 36029 | 74724 | 3.42% | 0.427% |
| 3 | 3.899 | 134 | 138 | 139 | rBV4 | 3261 | 3894 | 0.18% | 0.022% |
| 4 | 4.358 | 214 | 216 | 218 | rBV3 | 2453 | 2291 | 0.10% | 0.013% |
| 5 | 4.411 | 220 | 225 | 233 | rVV | 22497 | 37354 | 1.71% | 0.213% |
| 6 | 6.246 | 532 | 537 | 540 | rBV8 | 1907 | 3763 | 0.17% | 0.022% |
| 7 | 6.969 | 655 | 660 | 672 | rVV | 32475 | 78035 | 3.58% | 0.446% |
| 8 | 7.134 | 682 | 688 | 702 | rBV | 203754 | 331334 | 15.18% | 1.893% |
| 9 | 7.305 | 711 | 717 | 727 | rBV | 186516 | 335983 | 15.39% | 1.920% |
| 10 | 7.487 | 745 | 748 | 752 | rVB6 | 1621 | 2396 | 0.11% | 0.014% |
| 11 | 7.652 | 774 | 776 | 782 | rVB6 | 2715 | 3693 | 0.17% | 0.021% |
| 12 | 7.781 | 792 | 798 | 815 | rBV | 142655 | 268853 | 12.32% | 1.536% |
| 13 | 8.516 | 917 | 923 | 944 | rBV | 126628 | 281624 | 12.90% | 1.609% |
| 14 | 8.987 | 997 | 1003 | 1018 | rBV | 274873 | 525701 | 24.09% | 3.004% |
| 15 | 9.158 | 1028 | 1032 | 1037 | rVB5 | 4937 | 8356 | 0.38% | 0.048% |
| 16 | 9.705 | 1117 | 1125 | 1142 | rBV | 225284 | 452384 | 20.73% | 2.585% |
| 17 | 10.234 | 1208 | 1215 | 1244 | rBV | 249432 | 584605 | 26.78% | 3.341% |
| 18 | 10.599 | 1269 | 1277 | 1289 | rBV | 234281 | 405707 | 18.59% | 2.318% |
| 19 | 10.787 | 1299 | 1309 | 1337 | rBV | 221172 | 564062 | 25.84% | 3.223% |
| 20 | 11.546 | 1436 | 1438 | 1444 | rVB6 | 2152 | 3231 | 0.15% | 0.018% |
| 21 | 11.646 | 1448 | 1455 | 1459 | rVV7 | 2339 | 4107 | 0.19% | 0.023% |
| 22 | 12.251 | 1553 | 1558 | 1559 | rBV5 | 2871 | 3903 | 0.18% | 0.022% |
| 23 | 13.298 | 1730 | 1736 | 1744 | rBV2 | 22419 | 39379 | 1.80% | 0.225% |
| 24 | 13.751 | 1802 | 1813 | 1823 | rBV3 | 44276 | 175510 | 8.04% | 1.003% |
| 25 | 13.887 | 1830 | 1836 | 1848 | rBV | 733887 | 1067948 | 48.93% | 6.103% |
| 26 | 14.157 | 1876 | 1882 | 1893 | rBV | 748037 | 1139921 | 52.23% | 6.514% |
| 27 | 14.463 | 1927 | 1934 | 1944 | rBV | 359103 | 536449 | 24.58% | 3.066% |
| 28 | 14.828 | 1989 | 1996 | 1997 | rBV6 | 6203 | 10738 | 0.49% | 0.061% |
| 29 | 15.357 | 2082 | 2086 | 2091 | rVB7 | 2175 | 4836 | 0.22% | 0.028% |
| 30 | 15.463 | 2098 | 2104 | 2113 | rBV | 1001028 | 1487122 | 68.14% | 8.498% |
| 31 | 15.628 | 2126 | 2132 | 2145 | rBV | 287782 | 498305 | 22.83% | 2.848% |
| 32 | 16.181 | 2224 | 2226 | 2231 | rVB5 | 2891 | 4433 | 0.20% | 0.025% |
| 33 | 16.269 | 2237 | 2241 | 2245 | rVB6 | 1554 | 2921 | 0.13% | 0.017% |
| 34 | 16.334 | 2250 | 2252 | 2257 | rBV6 | 1878 | 3438 | 0.16% | 0.020% |
| 35 | 16.492 | 2275 | 2279 | 2280 | rBV4 | 2702 | 2534 | 0.12% | 0.014% |
| 36 | 16.551 | 2285 | 2289 | 2292 | rVB5 | 2564 | 3467 | 0.16% | 0.020% |

LSC Area Percent Report

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Operator : MA/JU
Sample : 05369-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCDN4

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-BP111023.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 16.598 | 2292 | 2297 | 2298 | rBV5 | 4251 | 5240 | 0.24% | 0.030% |
| 38 | 17.245 | 2400 | 2407 | 2417 | rVV | 446233 | 626541 | 28.71% | 3.580% |
| 39 | 17.345 | 2417 | 2424 | 2441 | rBV | 1064883 | 1622277 | 74.33% | 9.271% |
| 40 | 17.492 | 2447 | 2449 | 2455 | rVB7 | 4653 | 6027 | 0.28% | 0.034% |
| 41 | 17.875 | 2511 | 2514 | 2520 | rBV7 | 5787 | 8921 | 0.41% | 0.051% |
| 42 | 18.098 | 2547 | 2552 | 2560 | rBV4 | 20997 | 38839 | 1.78% | 0.222% |
| 43 | 18.310 | 2583 | 2588 | 2597 | rBV | 180311 | 266193 | 12.20% | 1.521% |
| 44 | 19.045 | 2710 | 2713 | 2716 | rBV5 | 2836 | 3826 | 0.18% | 0.022% |
| 45 | 19.175 | 2731 | 2735 | 2740 | rBV3 | 14183 | 21102 | 0.97% | 0.121% |
| 46 | 19.257 | 2744 | 2749 | 2754 | rVB | 12299 | 21068 | 0.97% | 0.120% |
| 47 | 19.345 | 2761 | 2764 | 2773 | rBV7 | 13785 | 24421 | 1.12% | 0.140% |
| 48 | 19.475 | 2783 | 2786 | 2790 | rBV6 | 7688 | 8983 | 0.41% | 0.051% |
| 49 | 19.604 | 2802 | 2808 | 2820 | rBV | 1590602 | 2135642 | 97.85% | 12.204% |
| 50 | 21.380 | 3105 | 3110 | 3121 | rBV | 525918 | 767628 | 35.17% | 4.387% |
| 51 | 23.686 | 3494 | 3502 | 3514 | rBV2 | 1092601 | 2182610 | 100.00% | 12.473% |
| 52 | 23.851 | 3523 | 3530 | 3540 | rBV | 372272 | 793057 | 36.34% | 4.532% |

Sum of corrected areas: 17498836

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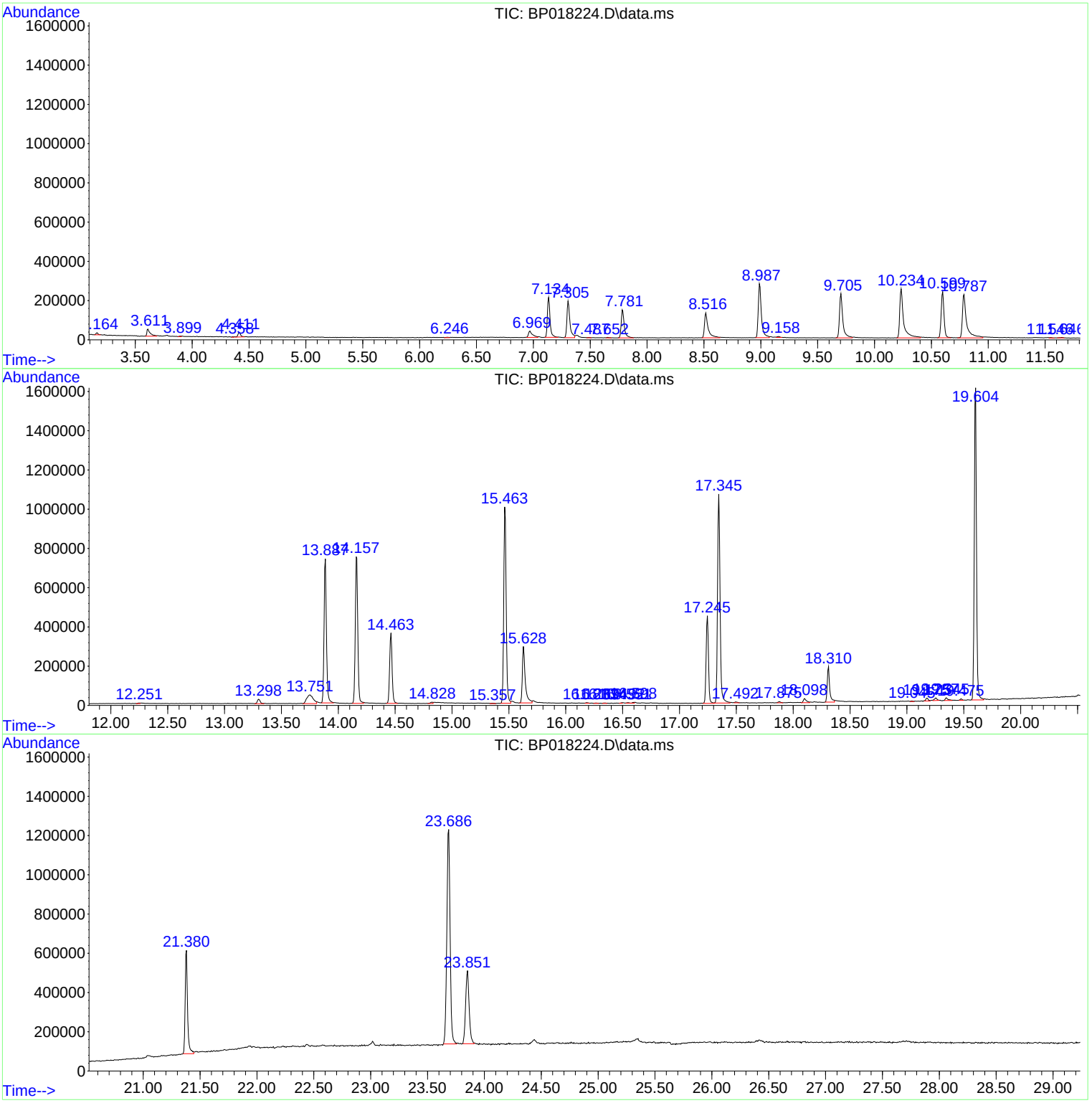
Operator : MA/JU
Sample : 05369-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCDN4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.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\BP111723\
Data File : BP018224.D
Acq On : 17 Nov 2023 16:46
Operator : MA/JU
Sample : 05369-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCDN4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

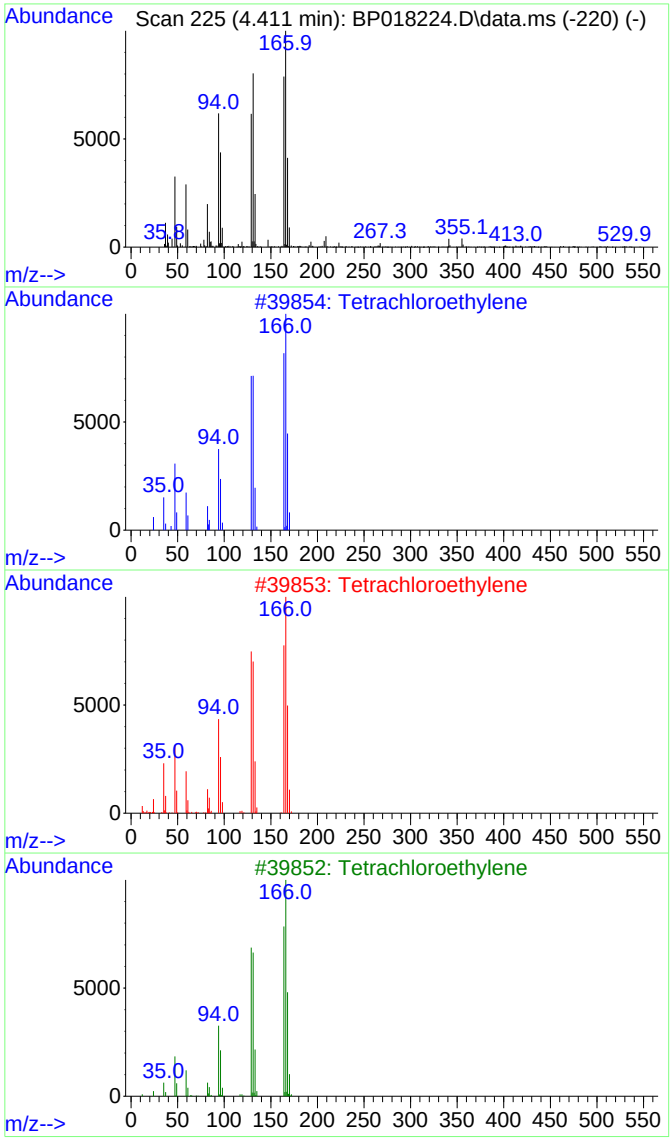
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

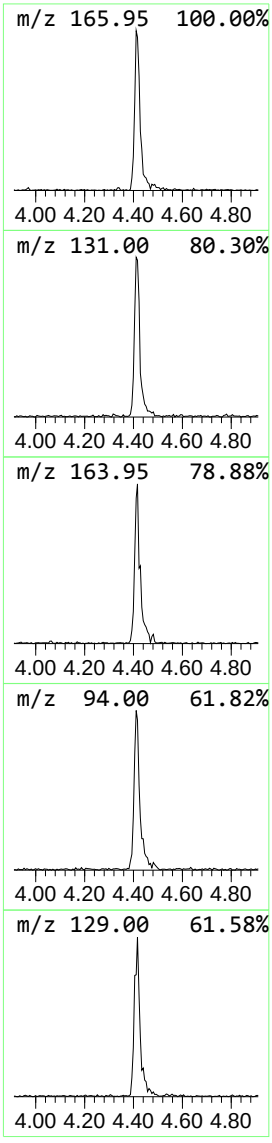
**********

Peak Number 1 Tetrachloroethylene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.411 | 2.78 ng/ul | 37354 | 1,4-Dichlorobenzene-d4 | 7.781 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 95 |
| 2 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 95 |
| 3 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 93 |
| 4 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 91 |
| 5 | 1,3-Dichloro-2-fluorobenzene | 164 | C6H3Cl2F | 002268-05-5 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018224.D
Acq On : 17 Nov 2023 16:46
Operator : MA/JU
Sample : 05369-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCDN4

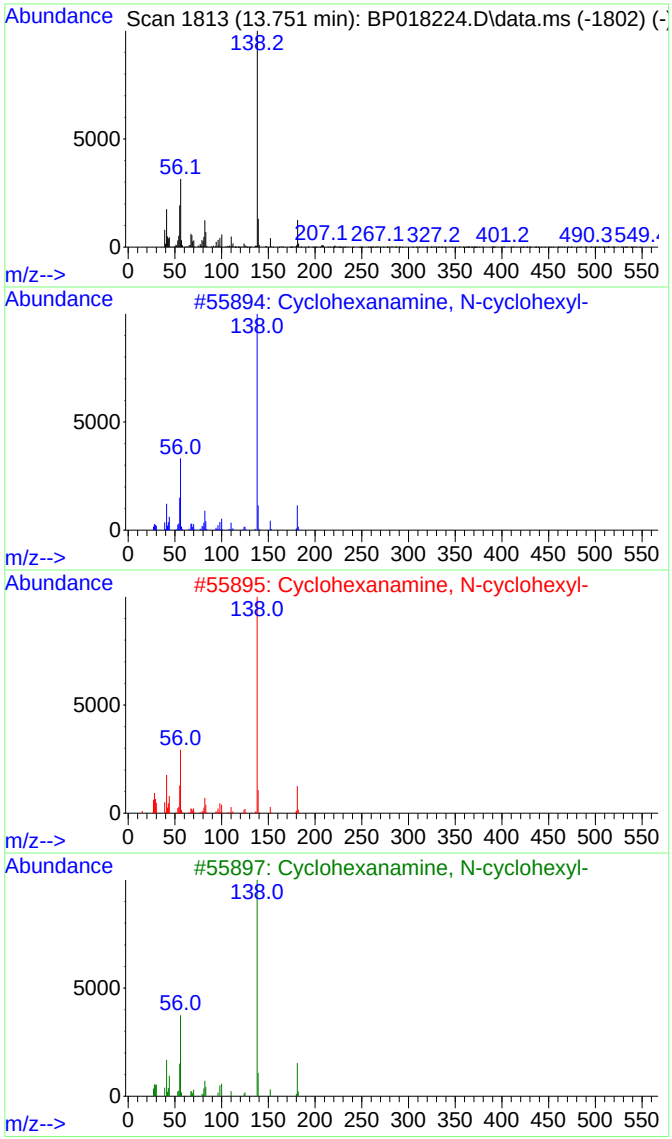
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

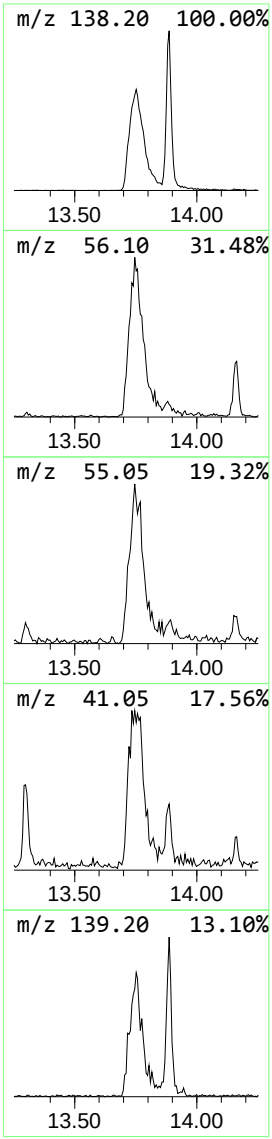
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Cyclohexanamine, N-cyclohexyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.751 | 6.54 ng/ul | 175510 | Acenaphthene-d10 | 14.463 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanamine, N-cyclohexyl- | 181 | C12H23N | 000101-83-7 | 97 |
| 2 | Cyclohexanamine, N-cyclohexyl- | 181 | C12H23N | 000101-83-7 | 94 |
| 3 | Cyclohexanamine, N-cyclohexyl- | 181 | C12H23N | 000101-83-7 | 91 |
| 4 | (Bicyclohexyl)-2-amine | 181 | C12H23N | 006283-14-3 | 91 |
| 5 | Cyclohexanamine, N-cyclohexyl- | 181 | C12H23N | 000101-83-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018224.D
Acq On : 17 Nov 2023 16:46
Operator : MA/JU
Sample : 05369-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
GCDN4

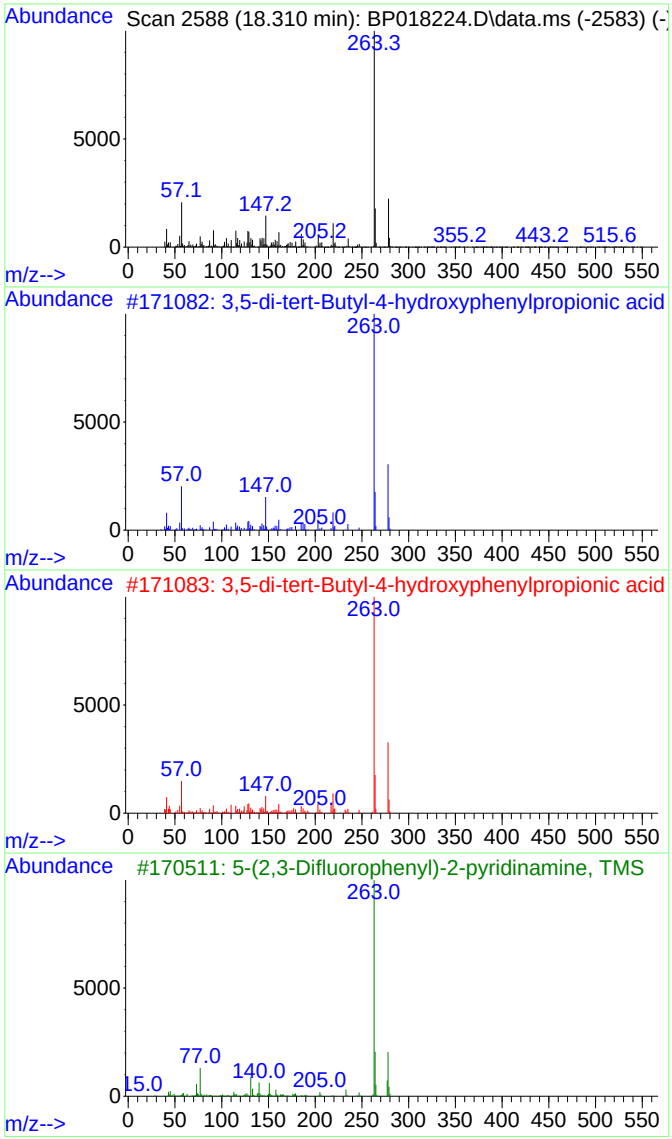
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION

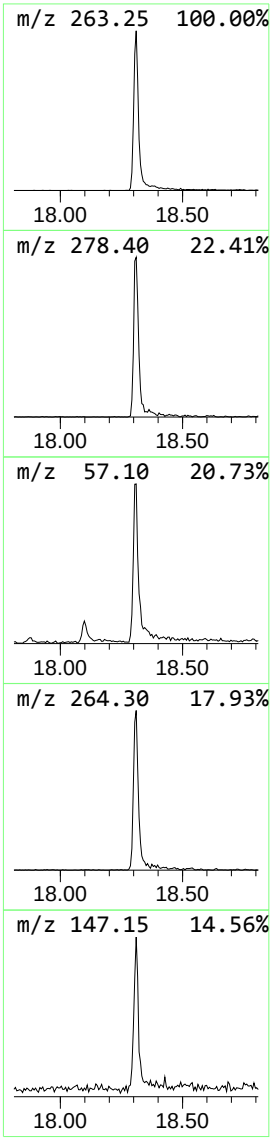
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.310 | 8.50 ng/ul | 266193 | Phenanthrene-d10 | 17.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,5-di-tert-Butyl-4-hydroxypheny... | 278 | C17H26O3 | 020170-32-5 | 96 |
| 2 | 3,5-di-tert-Butyl-4-hydroxypheny... | 278 | C17H26O3 | 020170-32-5 | 94 |
| 3 | 5-(2,3-Difluorophenyl)-2-pyridin... | 278 | C14H16F2N2Si | 1000504-49-4 | 74 |
| 4 | Cyanic acid, (1-methylethylidene... | 278 | C17H14N2O2 | 001156-51-0 | 64 |
| 5 | Cyanic acid, (1-methylethylidene... | 278 | C17H14N2O2 | 001156-51-0 | 59 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111723\
Data File : BP018224.D
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Operator : MA/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.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... | 4.411 | 2.8 | ng/ul | 37354 | 1 | 7.781 | 268853 | 20.0 |
| Cyclohexanamine... | 13.751 | 6.5 | ng/ul | 175510 | 3 | 14.463 | 536449 | 20.0 |
| 3,5-di-tert-But... | 18.310 | 8.5 | ng/ul | 266193 | 4 | 17.245 | 626541 | 20.0 |