LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058200.D
Acq On : 13 Jul 2023 15:54
Operator : CG/JU
Sample : 03414-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4646

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_G\Methods\SFAM-EPA-BG070123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058200.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.158 | 6 | 12 | 46 | rVB | 2534672 | 4974138 | 100.00% | 22.294% |
| 2 | 3.993 | 151 | 154 | 159 | rVB2 | 7607 | 11071 | 0.22% | 0.050% |
| 3 | 4.098 | 166 | 172 | 176 | rVB3 | 4607 | 7581 | 0.15% | 0.034% |
| 4 | 4.339 | 208 | 213 | 220 | rVB5 | 11420 | 19232 | 0.39% | 0.086% |
| 5 | 4.621 | 257 | 261 | 270 | rVB2 | 16370 | 26157 | 0.53% | 0.117% |
| 6 | 4.997 | 321 | 325 | 328 | rBV3 | 4275 | 6274 | 0.13% | 0.028% |
| 7 | 5.362 | 383 | 387 | 392 | rBV3 | 9698 | 16142 | 0.32% | 0.072% |
| 8 | 5.544 | 413 | 418 | 425 | rBV | 9625 | 20691 | 0.42% | 0.093% |
| 9 | 5.802 | 453 | 462 | 468 | rBV3 | 54787 | 123599 | 2.48% | 0.554% |
| 10 | 5.914 | 476 | 481 | 484 | rBV4 | 3529 | 5017 | 0.10% | 0.022% |
| 11 | 6.184 | 521 | 527 | 536 | rVB2 | 22744 | 38832 | 0.78% | 0.174% |
| 12 | 6.525 | 579 | 585 | 597 | rBV | 146792 | 258811 | 5.20% | 1.160% |
| 13 | 7.071 | 668 | 678 | 690 | rBV | 218234 | 396461 | 7.97% | 1.777% |
| 14 | 7.230 | 698 | 705 | 719 | rBV | 175519 | 292735 | 5.89% | 1.312% |
| 15 | 7.436 | 731 | 740 | 751 | rBV | 215104 | 388251 | 7.81% | 1.740% |
| 16 | 7.518 | 751 | 754 | 761 | rVB5 | 4733 | 8389 | 0.17% | 0.038% |
| 17 | 7.618 | 765 | 771 | 777 | rBV6 | 5034 | 9869 | 0.20% | 0.044% |
| 18 | 7.906 | 813 | 820 | 827 | rBV | 141532 | 239462 | 4.81% | 1.073% |
| 19 | 7.976 | 827 | 832 | 837 | rVV4 | 9337 | 14149 | 0.28% | 0.063% |
| 20 | 8.076 | 843 | 849 | 856 | rVV2 | 26936 | 49016 | 0.99% | 0.220% |
| 21 | 8.152 | 856 | 862 | 867 | rVV2 | 39804 | 69708 | 1.40% | 0.312% |
| 22 | 8.217 | 867 | 873 | 887 | rVV | 383618 | 663314 | 13.34% | 2.973% |
| 23 | 8.611 | 932 | 940 | 947 | rBV | 275705 | 491737 | 9.89% | 2.204% |
| 24 | 8.728 | 955 | 960 | 969 | rVB2 | 20243 | 41750 | 0.84% | 0.187% |
| 25 | 8.899 | 983 | 989 | 995 | rBV3 | 17023 | 29603 | 0.60% | 0.133% |
| 26 | 9.063 | 1010 | 1017 | 1029 | rBV | 207855 | 375733 | 7.55% | 1.684% |
| 27 | 9.163 | 1029 | 1034 | 1035 | rVV4 | 4509 | 7318 | 0.15% | 0.033% |
| 28 | 9.198 | 1036 | 1040 | 1048 | rVB2 | 8117 | 16259 | 0.33% | 0.073% |
| 29 | 9.786 | 1133 | 1140 | 1150 | rVB | 171622 | 302299 | 6.08% | 1.355% |
| 30 | 10.326 | 1225 | 1232 | 1245 | rBV | 269778 | 526963 | 10.59% | 2.362% |
| 31 | 10.708 | 1287 | 1297 | 1304 | rBV | 219684 | 399677 | 8.04% | 1.791% |
| 32 | 10.843 | 1313 | 1320 | 1334 | rBV | 234840 | 449193 | 9.03% | 2.013% |
| 33 | 11.519 | 1426 | 1435 | 1440 | rBV8 | 3192 | 8265 | 0.17% | 0.037% |
| 34 | 12.653 | 1624 | 1628 | 1636 | rVB5 | 5619 | 9259 | 0.19% | 0.041% |
| 35 | 12.765 | 1640 | 1647 | 1649 | rVV3 | 2731 | 5324 | 0.11% | 0.024% |
| 36 | 13.358 | 1743 | 1748 | 1755 | rBV2 | 5048 | 7446 | 0.15% | 0.033% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058200.D
Acq On : 13 Jul 2023 15:54
Operator : CG/JU
Sample : 03414-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** A4646

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_G\Methods\SFAM-EPA-BG070123.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.423 | 1755 | 1759 | 1767 | rVV5 | 4966 | 7893 | 0.16% | 0.035% |
| 38 | 13.946 | 1841 | 1848 | 1858 | rBV | 522877 | 764539 | 15.37% | 3.427% |
| 39 | 14.181 | 1881 | 1888 | 1891 | rBV4 | 13736 | 26380 | 0.53% | 0.118% |
| 40 | 14.234 | 1891 | 1897 | 1908 | rVB | 602437 | 960503 | 19.31% | 4.305% |
| 41 | 14.539 | 1942 | 1949 | 1959 | rBV | 368011 | 585451 | 11.77% | 2.624% |
| 42 | 14.745 | 1976 | 1984 | 2002 | rBV | 173657 | 363220 | 7.30% | 1.628% |
| 43 | 14.892 | 2005 | 2009 | 2011 | rVB5 | 4038 | 5283 | 0.11% | 0.024% |
| 44 | 15.532 | 2111 | 2118 | 2128 | rBV | 799444 | 1204294 | 24.21% | 5.398% |
| 45 | 15.650 | 2132 | 2138 | 2154 | rVV | 222311 | 347383 | 6.98% | 1.557% |
| 46 | 15.767 | 2154 | 2158 | 2163 | rVB2 | 3783 | 5968 | 0.12% | 0.027% |
| 47 | 16.078 | 2206 | 2211 | 2216 | rBV6 | 4620 | 10319 | 0.21% | 0.046% |
| 48 | 16.972 | 2359 | 2363 | 2369 | rBV | 62256 | 85290 | 1.71% | 0.382% |
| 49 | 17.289 | 2407 | 2417 | 2426 | rBV | 480990 | 770232 | 15.48% | 3.452% |
| 50 | 17.383 | 2427 | 2433 | 2445 | rVV | 844066 | 1315619 | 26.45% | 5.896% |
| 51 | 17.947 | 2524 | 2529 | 2535 | rVB3 | 9068 | 12629 | 0.25% | 0.057% |
| 52 | 18.182 | 2564 | 2569 | 2576 | rBV7 | 3369 | 8918 | 0.18% | 0.040% |
| 53 | 18.717 | 2657 | 2660 | 2663 | rBV3 | 3480 | 5774 | 0.12% | 0.026% |
| 54 | 18.746 | 2663 | 2665 | 2671 | rVB3 | 3844 | 6172 | 0.12% | 0.028% |
| 55 | 18.969 | 2699 | 2703 | 2708 | rBV5 | 7255 | 11997 | 0.24% | 0.054% |
| 56 | 19.116 | 2725 | 2728 | 2731 | rBB3 | 8906 | 8118 | 0.16% | 0.036% |
| 57 | 19.239 | 2744 | 2749 | 2755 | rBV4 | 15220 | 26564 | 0.53% | 0.119% |
| 58 | 19.674 | 2817 | 2823 | 2834 | rBV | 1061511 | 1557192 | 31.31% | 6.979% |
| 59 | 20.144 | 2899 | 2903 | 2905 | rBV4 | 4041 | 5061 | 0.10% | 0.023% |
| 60 | 20.567 | 2971 | 2975 | 2978 | rBV6 | 4940 | 8473 | 0.17% | 0.038% |
| 61 | 20.990 | 3044 | 3047 | 3053 | rBV6 | 17773 | 23130 | 0.47% | 0.104% |
| 62 | 21.267 | 3092 | 3094 | 3100 | rVB2 | 8510 | 11205 | 0.23% | 0.050% |
| 63 | 21.425 | 3117 | 3121 | 3126 | rBV2 | 19405 | 23320 | 0.47% | 0.105% |
| 64 | 21.537 | 3134 | 3140 | 3150 | rBV | 487374 | 857237 | 17.23% | 3.842% |
| 65 | 21.719 | 3168 | 3171 | 3175 | rVB4 | 13654 | 17541 | 0.35% | 0.079% |
| 66 | 22.312 | 3269 | 3272 | 3277 | rVB5 | 14662 | 20101 | 0.40% | 0.090% |
| 67 | 22.965 | 3378 | 3383 | 3395 | rVB5 | 74734 | 173661 | 3.49% | 0.778% |
| 68 | 23.764 | 3514 | 3519 | 3525 | rVB2 | 23096 | 43819 | 0.88% | 0.196% |
| 69 | 24.469 | 3627 | 3639 | 3653 | rBV2 | 587321 | 1679482 | 33.76% | 7.527% |
| 70 | 24.686 | 3665 | 3676 | 3688 | rVB | 336850 | 976291 | 19.63% | 4.376% |
| 71 | 25.785 | 3856 | 3863 | 3870 | rVB4 | 24422 | 62362 | 1.25% | 0.280% |
| 72 | 27.077 | 4081 | 4083 | 4085 | rBV3 | 9983 | 10832 | 0.22% | 0.049% |

Sum of corrected areas: 22311978

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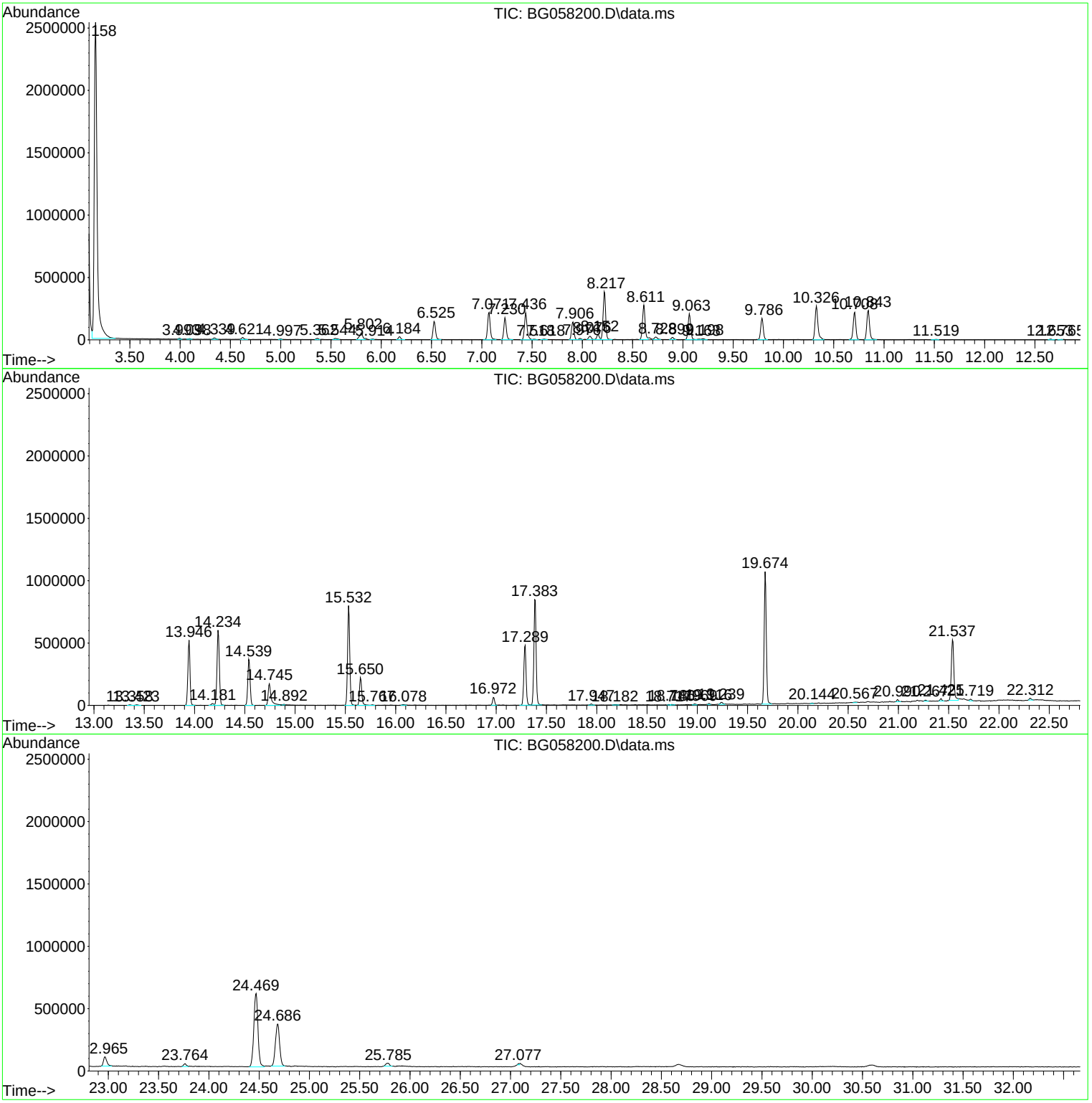
Operator : CG/JU
Sample : 03414-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4646

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058200.D
Acq On : 13 Jul 2023 15:54
Operator : CG/JU
Sample : 03414-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4646

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

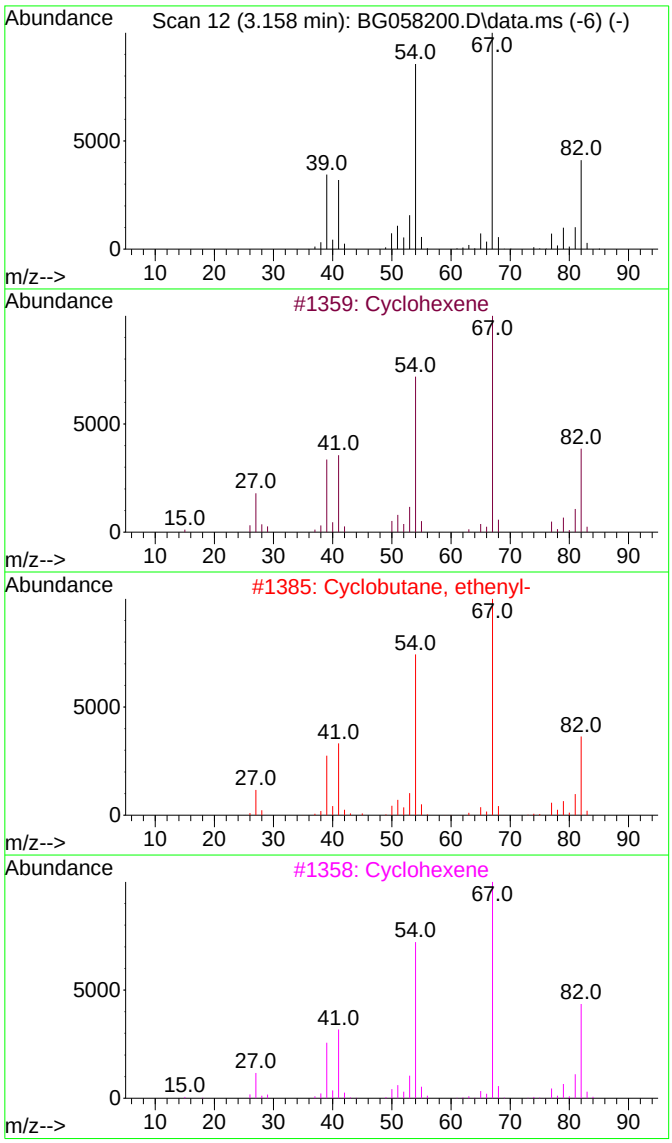
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

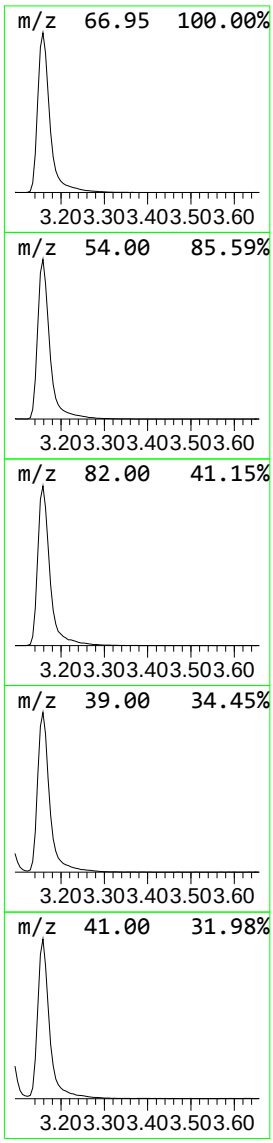
**********

Peak Number 1 Cyclohexene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.158 | 415.44 ng/ul | 4974140 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene | 82 | C6H10 | 000110-83-8 | 95 |
| 2 | Cyclobutane, ethenyl- | 82 | C6H10 | 002597-49-1 | 94 |
| 3 | Cyclohexene | 82 | C6H10 | 000110-83-8 | 91 |
| 4 | Cyclohexene | 82 | C6H10 | 000110-83-8 | 91 |
| 5 | Ethylidenecyclobutane | 82 | C6H10 | 001528-21-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058200.D
Acq On : 13 Jul 2023 15:54
Operator : CG/JU
Sample : 03414-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4646

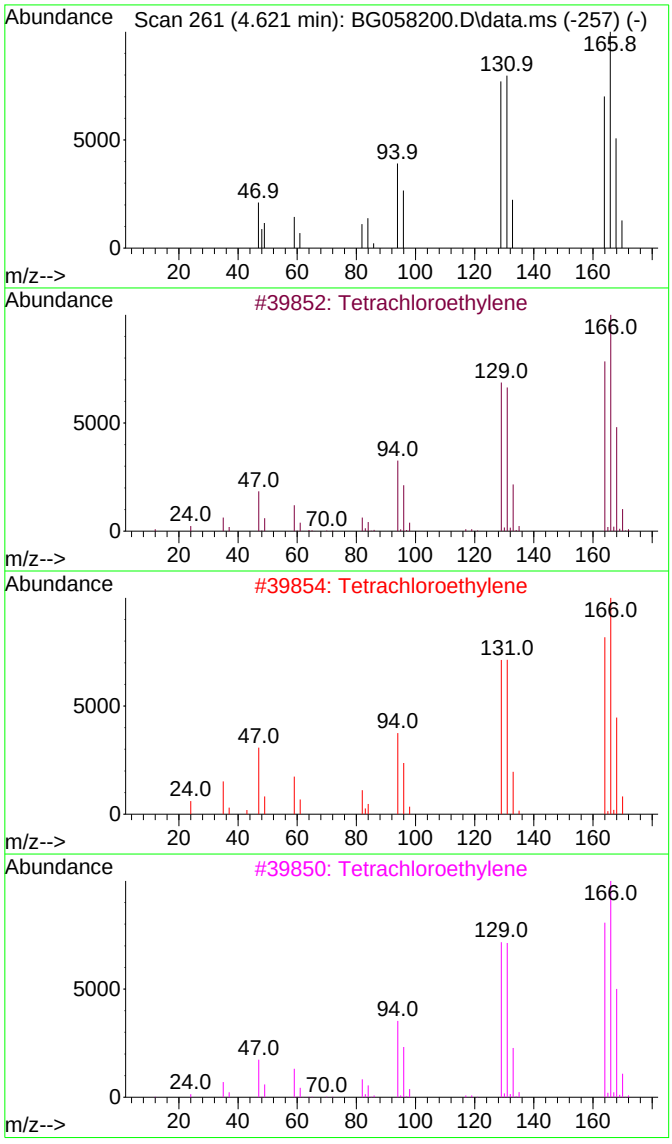
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

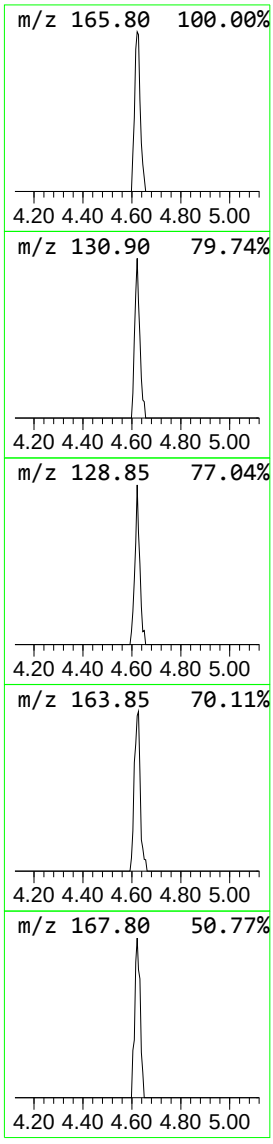
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Tetrachloroethylene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.621 | 2.18 ng/ul | 26157 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 98 |
| 2 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 97 |
| 3 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 96 |
| 4 | Tetrachloroethylene | 164 | C2Cl4 | 000127-18-4 | 95 |
| 5 | Pyrimidine, 5-fluoro-2,4-dichloro- | 166 | C4HCl2FN2 | 002927-71-1 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058200.D
Acq On : 13 Jul 2023 15:54
Operator : CG/JU
Sample : 03414-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4646

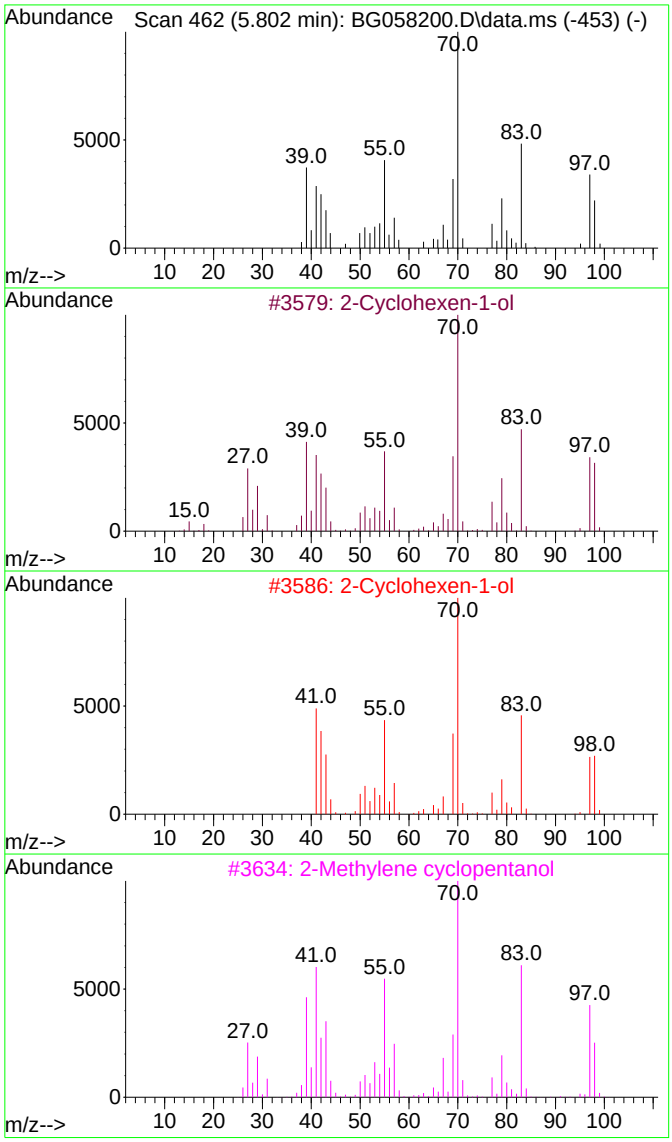
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

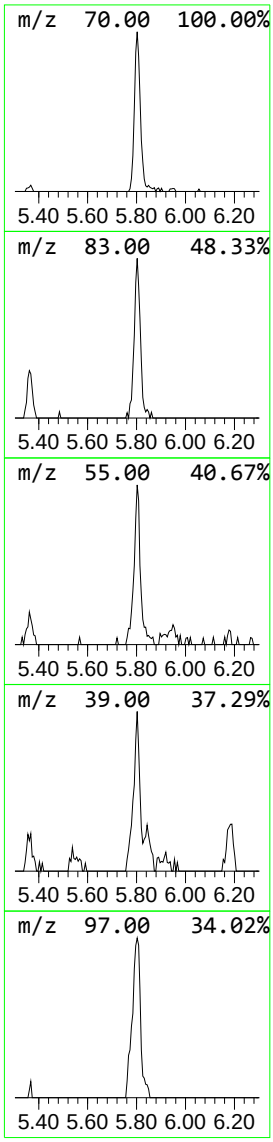
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 2-Cyclohexen-1-ol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.802 | 10.32 ng/ul | 123599 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Cyclohexen-1-ol | 98 | C6H10O | 000822-67-3 | 96 |
| 2 | 2-Cyclohexen-1-ol | 98 | C6H10O | 000822-67-3 | 87 |
| 3 | 2-Methylene cyclopentanol | 98 | C6H10O | 020461-31-8 | 80 |
| 4 | 2-Cyclohexen-1-ol | 98 | C6H10O | 000822-67-3 | 76 |
| 5 | 2-Cyclohexen-1-ol | 98 | C6H10O | 000822-67-3 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058200.D
Acq On : 13 Jul 2023 15:54
Operator : CG/JU
Sample : 03414-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4646

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

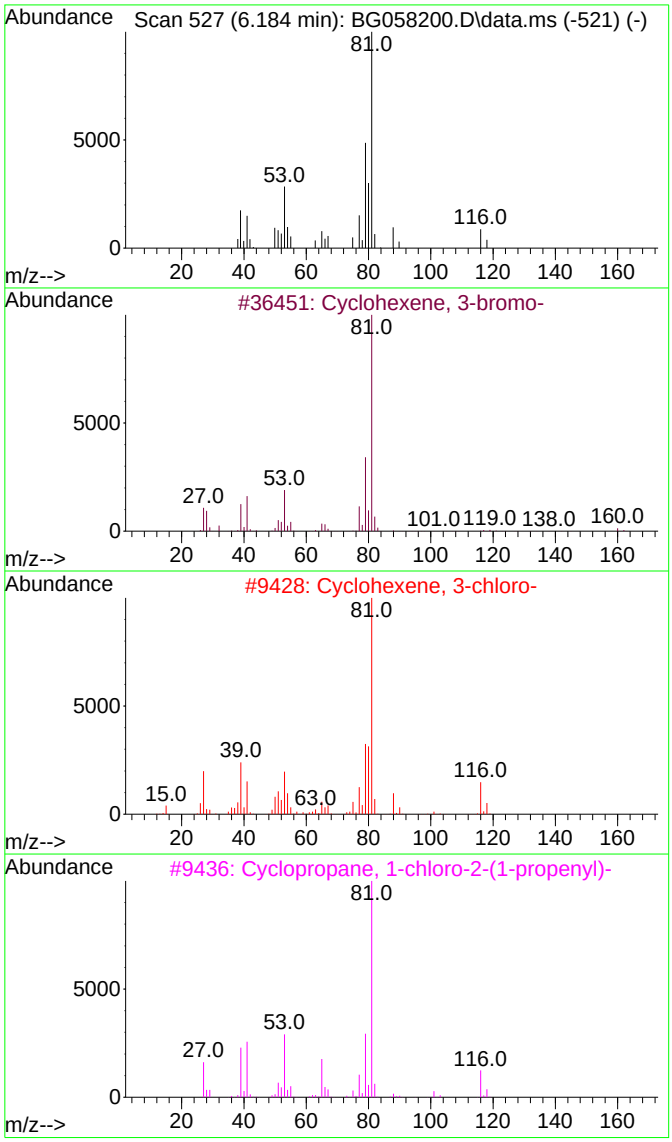
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

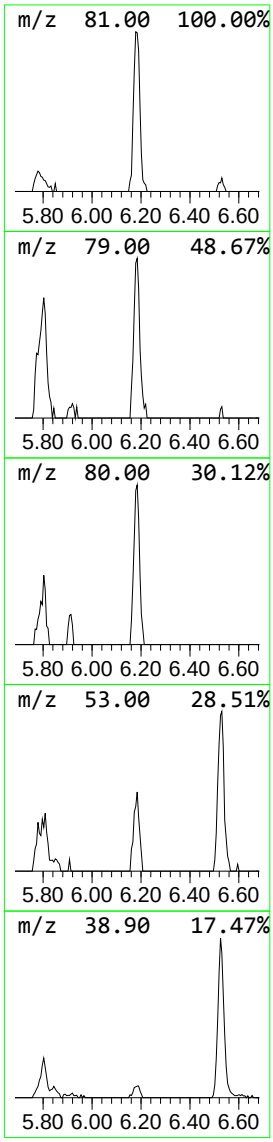
**********

Peak Number 4 Cyclohexene, 3-bromo- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.184 | 3.24 ng/ul | 38832 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexene, 3-bromo- | 160 | C6H9Br | 001521-51-3 | 72 |
| 2 | Cyclohexene, 3-chloro- | 116 | C6H9Cl | 002441-97-6 | 64 |
| 3 | Cyclopropane, 1-chloro-2-(1-prop... | 116 | C6H9Cl | 074752-94-6 | 64 |
| 4 | 1,4-Hexadiene, 4-methyl- | 96 | C7H12 | 001116-90-1 | 64 |
| 5 | Cyclopropane, 1-chloro-2-ethenyl... | 116 | C6H9Cl | 062337-93-3 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058200.D
Acq On : 13 Jul 2023 15:54
Operator : CG/JU
Sample : 03414-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4646

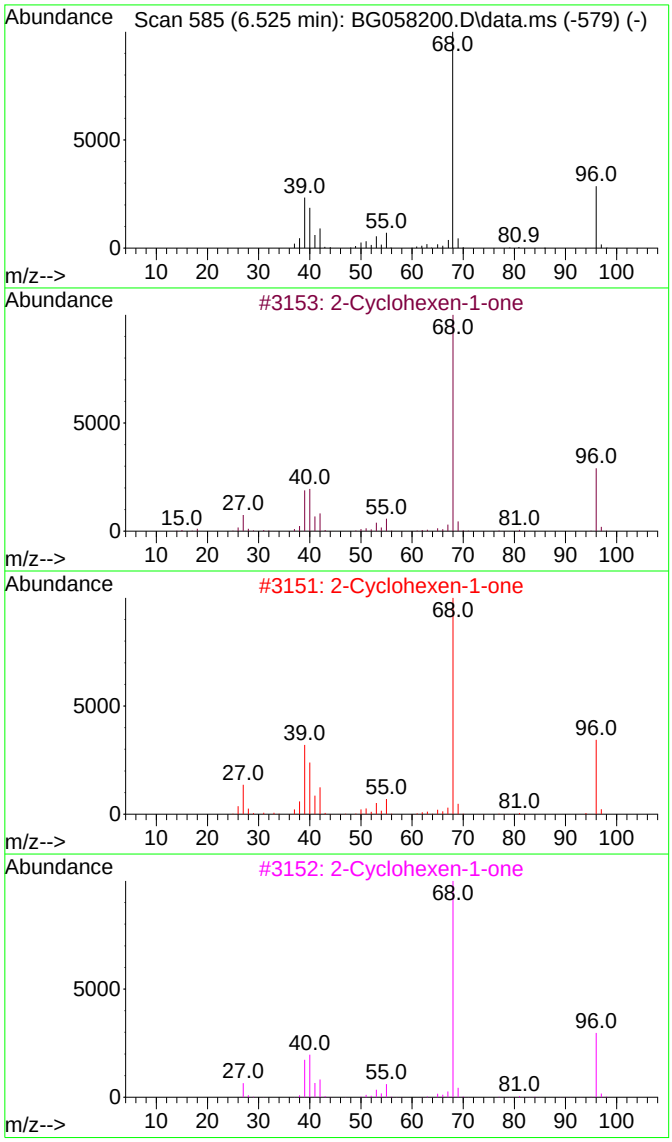
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

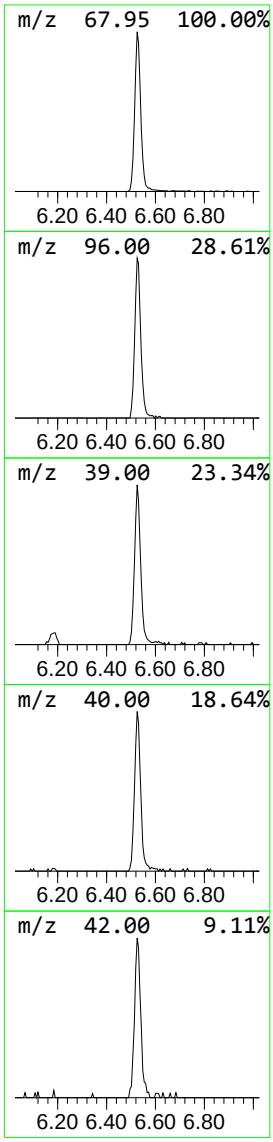
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 2-Cyclohexen-1-one Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.525 | 21.62 ng/ul | 258811 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Cyclohexen-1-one | 96 | C6H8O | 000930-68-7 | 91 |
| 2 | 2-Cyclohexen-1-one | 96 | C6H8O | 000930-68-7 | 91 |
| 3 | 2-Cyclohexen-1-one | 96 | C6H8O | 000930-68-7 | 91 |
| 4 | 2-Cyclohexen-1-one | 96 | C6H8O | 000930-68-7 | 91 |
| 5 | 2H-Pyran-2-one, 5,6-dihydro- | 98 | C5H6O2 | 003393-45-1 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058200.D
Acq On : 13 Jul 2023 15:54
Operator : CG/JU
Sample : 03414-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4646

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

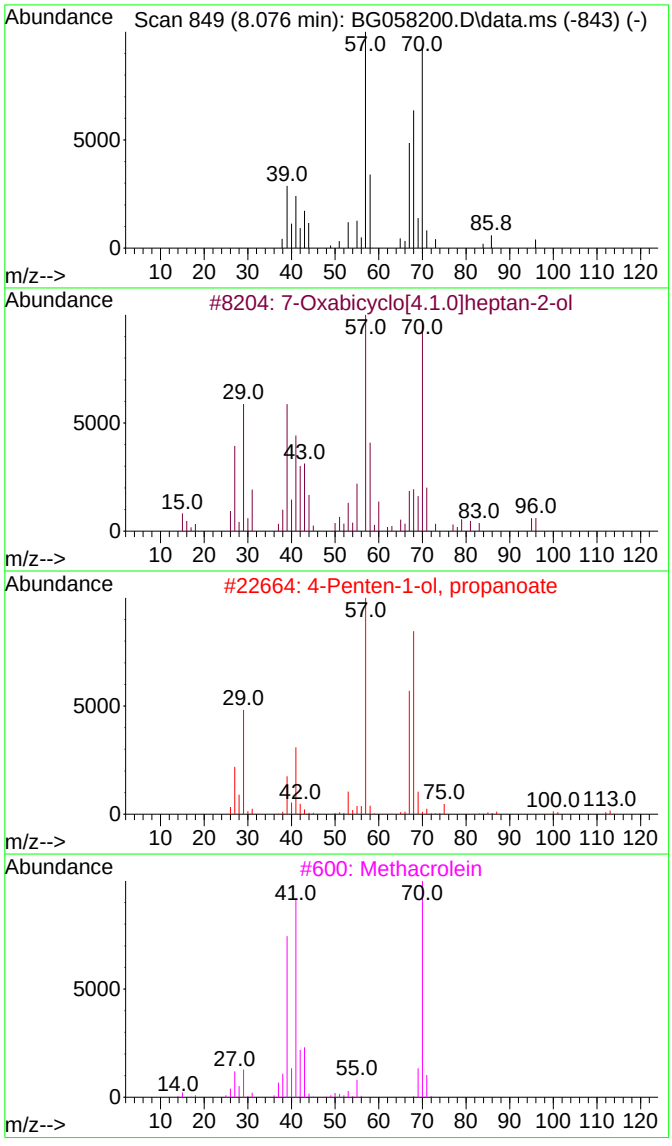
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

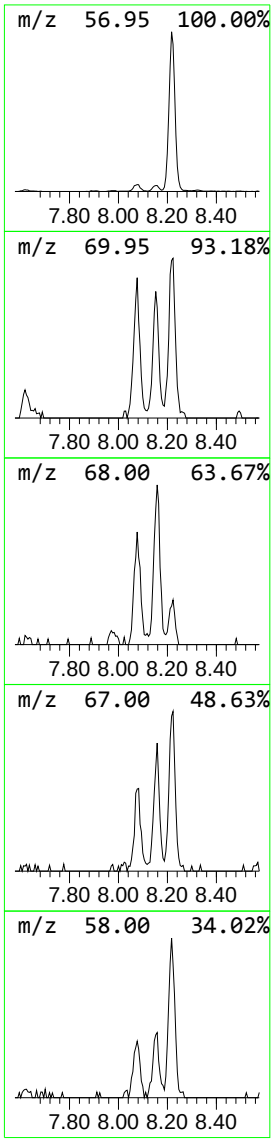
**********

Peak Number 6 unknown-01 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.076 | 4.09 ng/ul | 49016 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-Oxabicyclo[4.1.0]heptan-2-ol | 114 | C6H10O2 | 001192-78-5 | 40 |
| 2 | 4-Penten-1-ol, propanoate | 142 | C8H14O2 | 030563-30-5 | 32 |
| 3 | Methacrolein | 70 | C4H6O | 000078-85-3 | 30 |
| 4 | cis,cis-2,7-Nonadiene | 124 | C9H16 | 036901-84-5 | 25 |
| 5 | 1,4-Pentanediamine | 102 | C5H14N2 | 000591-77-5 | 23 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058200.D
Acq On : 13 Jul 2023 15:54
Operator : CG/JU
Sample : 03414-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4646

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

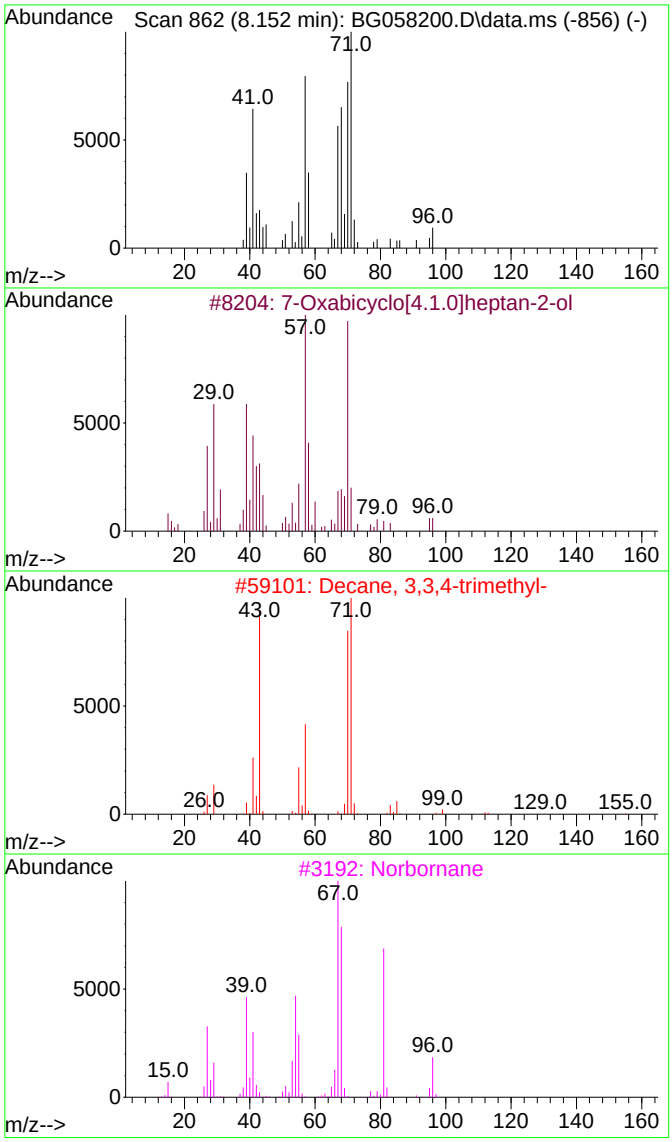
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

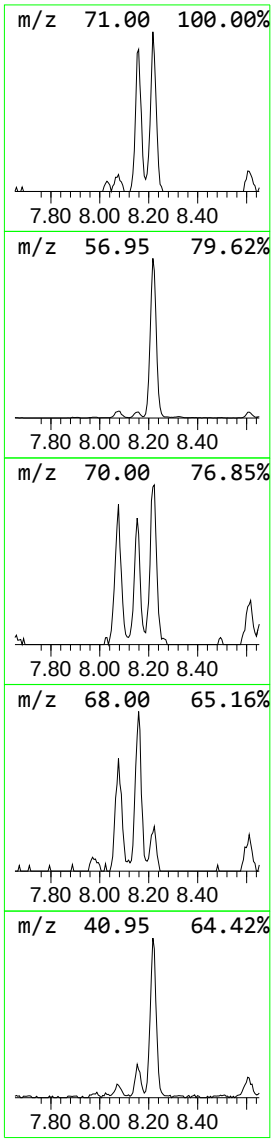
**********

Peak Number 7 unknown-02 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.152 | 5.82 ng/ul | 69708 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-Oxabicyclo[4.1.0]heptan-2-ol | 114 | C6H10O2 | 001192-78-5 | 38 |
| 2 | Decane, 3,3,4-trimethyl- | 184 | C13H28 | 049622-18-6 | 25 |
| 3 | Norbornane | 96 | C7H12 | 000279-23-2 | 14 |
| 4 | 2-Propen-1-amine, N-ethyl- | 85 | C5H11N | 002424-02-4 | 12 |
| 5 | Butanoic acid, 4-pentenyl ester | 156 | C9H16O2 | 030563-31-6 | 12 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058200.D
Acq On : 13 Jul 2023 15:54
Operator : CG/JU
Sample : 03414-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4646

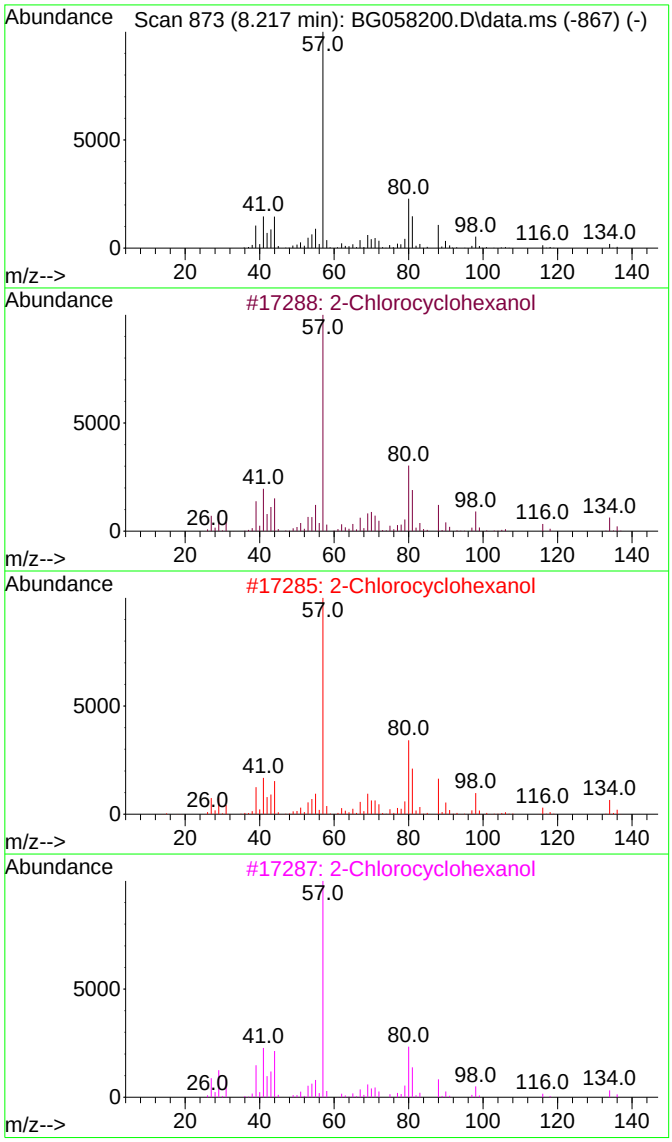
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

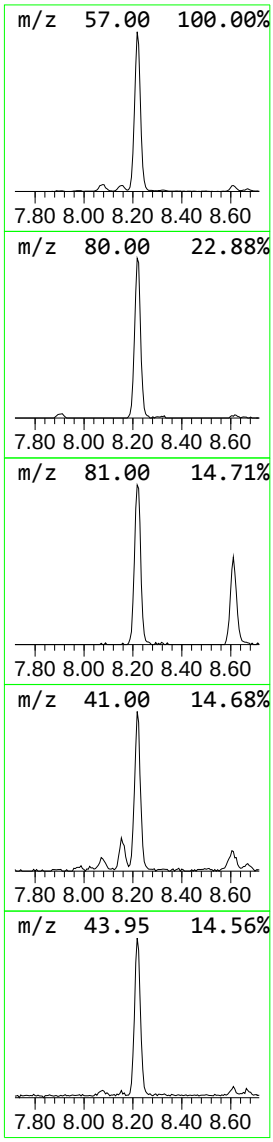
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 2-Chlorocyclohexanol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.217 | 55.40 ng/ul | 663314 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Chlorocyclohexanol | 134 | C6H11ClO | 001561-86-0 | 94 |
| 2 | 2-Chlorocyclohexanol | 134 | C6H11ClO | 001561-86-0 | 94 |
| 3 | 2-Chlorocyclohexanol | 134 | C6H11ClO | 001561-86-0 | 83 |
| 4 | 2-Chlorocyclohexanol | 134 | C6H11ClO | 001561-86-0 | 53 |
| 5 | 2-Chlorocyclohexanol | 134 | C6H11ClO | 001561-86-0 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058200.D
Acq On : 13 Jul 2023 15:54
Operator : CG/JU
Sample : 03414-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4646

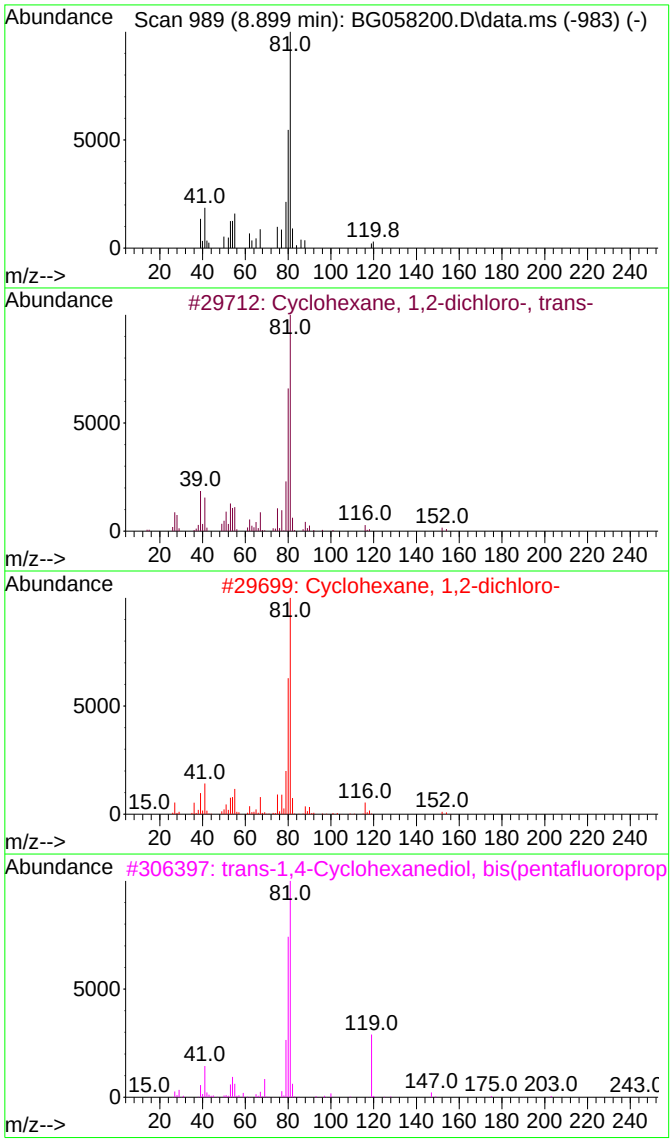
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

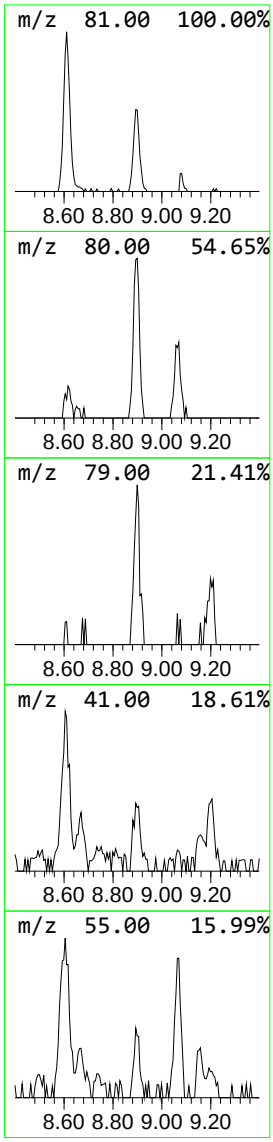
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Cyclohexane, 1,2-dichloro-,... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.899 | 2.47 ng/ul | 29603 | 1,4-Dichlorobenzene-d4 | 7.906 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2-dichloro-, trans- | 152 | C6H10Cl2 | 000822-86-6 | 83 |
| 2 | Cyclohexane, 1,2-dichloro- | 152 | C6H10Cl2 | 001121-21-7 | 72 |
| 3 | trans-1,4-Cyclohexanediol, bis(p... | 408 | C12H10F10O4 | 1000384-30-6 | 72 |
| 4 | Bi-2-cyclohexen-1-yl | 162 | C12H18 | 001541-20-4 | 64 |
| 5 | Cyclohexane, 1,3-dichloro-, cis- | 152 | C6H10Cl2 | 024955-63-3 | 56 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058200.D
Acq On : 13 Jul 2023 15:54
Operator : CG/JU
Sample : 03414-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4646

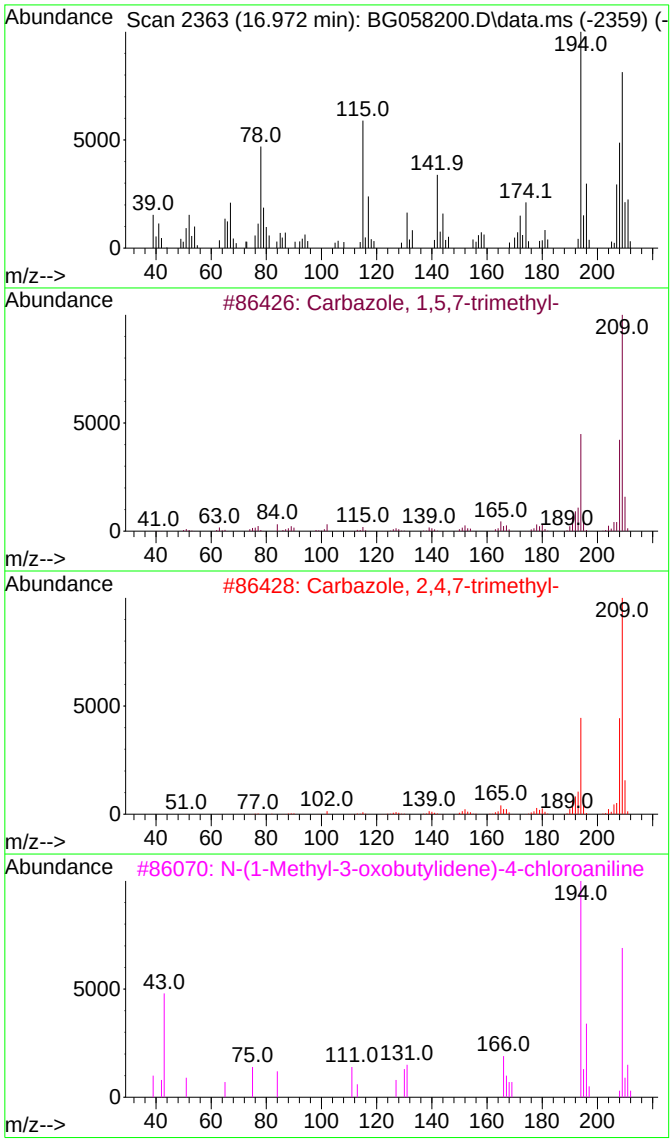
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

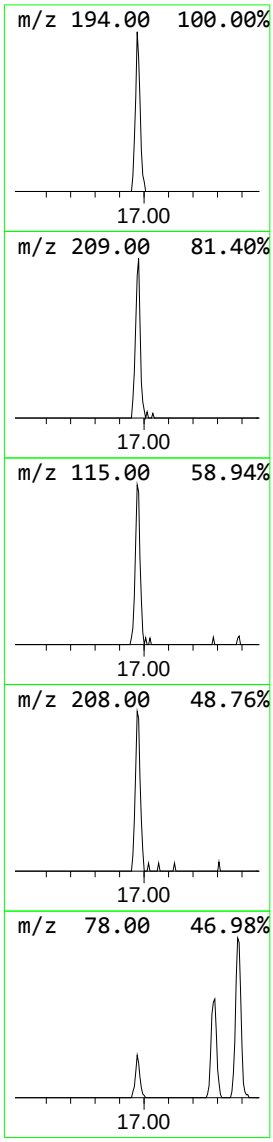
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Carbazole, 1,5,7-trimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.971 | 2.21 ng/ul | 85290 | Phenanthrene-d10 | 17.289 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbazole, 1,5,7-trimethyl- | 209 | C15H15N | 078787-84-5 | 52 |
| 2 | Carbazole, 2,4,7-trimethyl- | 209 | C15H15N | 078787-89-0 | 49 |
| 3 | N-(1-Methyl-3-oxobutylidene)-4-c... | 209 | C11H12ClNO | 050519-24-9 | 49 |
| 4 | 2-Amino-4-trimethylsilylbenzoic ... | 209 | C10H15NO2Si | 030127-88-9 | 43 |
| 5 | 4-(Dimethylamino)phenol, TMS | 209 | C11H19NOSi | 1000504-21-5 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058200.D
Acq On : 13 Jul 2023 15:54
Operator : CG/JU
Sample : 03414-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4646

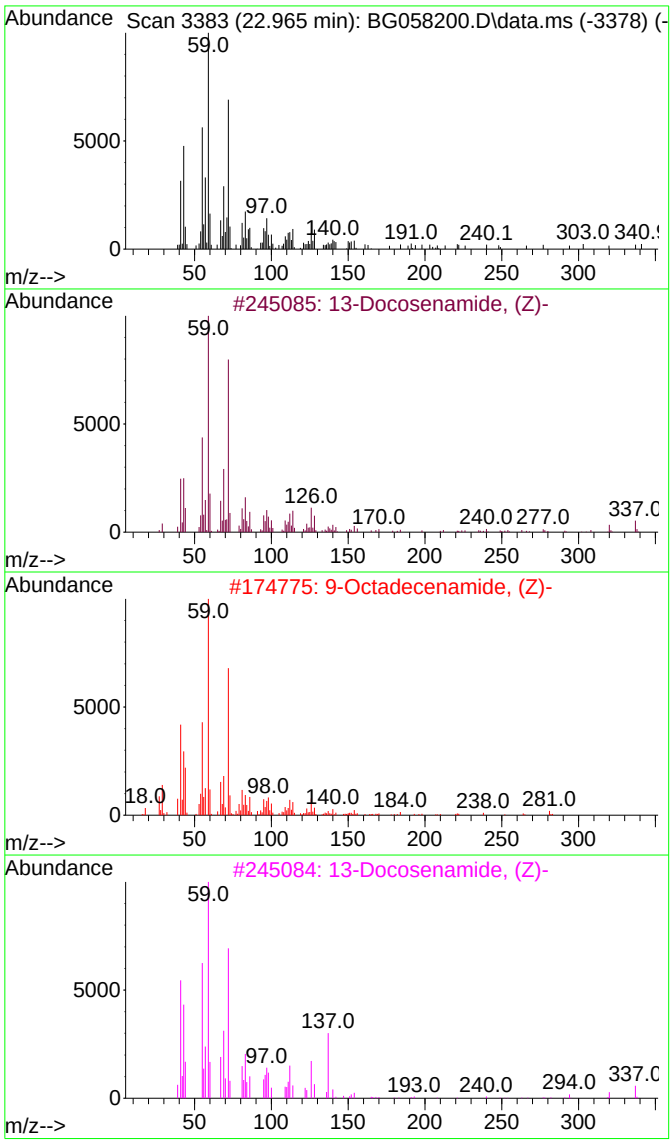
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

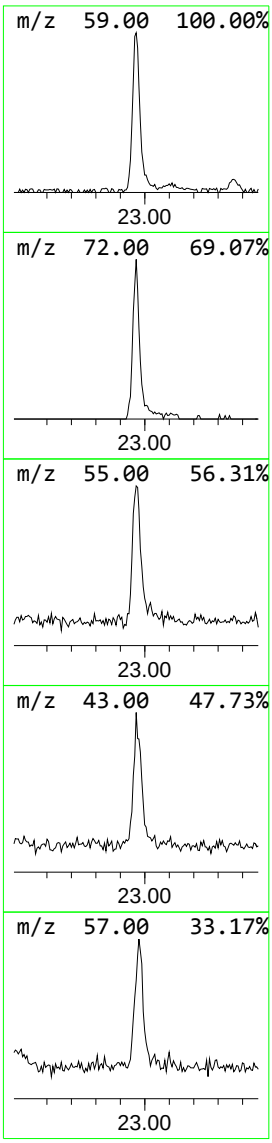
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 13-Docosenamide, (Z)- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.965 | 4.05 ng/ul | 173661 | Chrysene-d12 | 21.537 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 13-Docosenamide, (Z)- | 337 | C22H43NO | 000112-84-5 | 94 |
| 2 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 86 |
| 3 | 13-Docosenamide, (Z)- | 337 | C22H43NO | 000112-84-5 | 81 |
| 4 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 80 |
| 5 | 13-Docosenamide, (Z)- | 337 | C22H43NO | 000112-84-5 | 68 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071323\
Data File : BG058200.D
Acq On : 13 Jul 2023 15:54
Operator : CG/JU
Sample : 03414-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4646

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.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 |
| Cyclohexene | 3.158 | 415.4 | ng/ul | 4974140 | 1 | 7.906 | 239462 | 20.0 |
| Tetrachloroethy... | 4.621 | 2.2 | ng/ul | 26157 | 1 | 7.906 | 239462 | 20.0 |
| 2-Cyclohexen-1-ol | 5.802 | 10.3 | ng/ul | 123599 | 1 | 7.906 | 239462 | 20.0 |
| Cyclohexene, 3-... | 6.184 | 3.2 | ng/ul | 38832 | 1 | 7.906 | 239462 | 20.0 |
| 2-Cyclohexen-1-one | 6.525 | 21.6 | ng/ul | 258811 | 1 | 7.906 | 239462 | 20.0 |
| unknown-01 | 8.076 | 4.1 | ng/ul | 49016 | 1 | 7.906 | 239462 | 20.0 |
| unknown-02 | 8.152 | 5.8 | ng/ul | 69708 | 1 | 7.906 | 239462 | 20.0 |
| 2-Chlorocyclohe... | 8.217 | 55.4 | ng/ul | 663314 | 1 | 7.906 | 239462 | 20.0 |
| Cyclohexane, 1,... | 8.899 | 2.5 | ng/ul | 29603 | 1 | 7.906 | 239462 | 20.0 |
| Carbazole, 1,5,... | 16.971 | 2.2 | ng/ul | 85290 | 4 | 17.289 | 770232 | 20.0 |
| 13-Docosenamide... | 22.965 | 4.0 | ng/ul | 173661 | 5 | 21.537 | 857237 | 20.0 |