LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

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-BG121421.M
Title : SVOA CALIBRATION

Signal : TIC: BG051710.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.744 | 379 | 384 | 391 | rVB | 66738 | 107935 | 3.53% | 0.619% |
| 2 | 5.874 | 400 | 406 | 408 | rBV | 133952 | 207337 | 6.78% | 1.189% |
| 3 | 6.255 | 465 | 471 | 479 | rVB | 76210 | 122161 | 3.99% | 0.700% |
| 4 | 6.743 | 545 | 554 | 561 | rBV | 163815 | 276378 | 9.03% | 1.585% |
| 5 | 6.896 | 570 | 580 | 589 | rVV9 | 13617 | 38185 | 1.25% | 0.219% |
| 6 | 7.242 | 629 | 639 | 645 | rBV3 | 41041 | 89266 | 2.92% | 0.512% |
| 7 | 7.348 | 652 | 657 | 662 | rVV | 97214 | 150846 | 4.93% | 0.865% |
| 8 | 7.413 | 662 | 668 | 674 | rVB4 | 73794 | 130218 | 4.26% | 0.747% |
| 9 | 7.483 | 674 | 680 | 686 | rVB | 66896 | 107011 | 3.50% | 0.614% |
| 10 | 7.654 | 704 | 709 | 715 | rBV3 | 39185 | 66634 | 2.18% | 0.382% |
| 11 | 7.889 | 743 | 749 | 750 | rBV | 87756 | 117894 | 3.85% | 0.676% |
| 12 | 7.918 | 750 | 754 | 760 | rVV | 195847 | 320199 | 10.47% | 1.836% |
| 13 | 8.270 | 805 | 814 | 821 | rBV3 | 133802 | 278443 | 9.10% | 1.597% |
| 14 | 8.394 | 830 | 835 | 842 | rVB3 | 50884 | 93670 | 3.06% | 0.537% |
| 15 | 8.570 | 861 | 865 | 871 | rVB5 | 16537 | 29638 | 0.97% | 0.170% |
| 16 | 8.652 | 871 | 879 | 885 | rBV2 | 34105 | 65415 | 2.14% | 0.375% |
| 17 | 8.823 | 902 | 908 | 913 | rVV4 | 55978 | 100655 | 3.29% | 0.577% |
| 18 | 8.922 | 919 | 925 | 930 | rBV4 | 65420 | 132711 | 4.34% | 0.761% |
| 19 | 9.040 | 939 | 945 | 950 | rBV4 | 22153 | 44450 | 1.45% | 0.255% |
| 20 | 9.240 | 973 | 979 | 983 | rBV | 21754 | 33565 | 1.10% | 0.192% |
| 21 | 9.287 | 983 | 987 | 995 | rVB | 26040 | 47799 | 1.56% | 0.274% |
| 22 | 9.392 | 995 | 1005 | 1010 | rBV2 | 54145 | 108995 | 3.56% | 0.625% |
| 23 | 9.510 | 1016 | 1025 | 1031 | rVB2 | 102960 | 183671 | 6.00% | 1.053% |
| 24 | 9.645 | 1037 | 1048 | 1053 | rBV7 | 24551 | 62628 | 2.05% | 0.359% |
| 25 | 9.927 | 1090 | 1096 | 1101 | rVV3 | 31045 | 62280 | 2.04% | 0.357% |
| 26 | 9.980 | 1101 | 1105 | 1111 | rVV | 46886 | 75924 | 2.48% | 0.435% |
| 27 | 10.180 | 1131 | 1139 | 1142 | rBV6 | 19887 | 44078 | 1.44% | 0.253% |
| 28 | 10.227 | 1143 | 1147 | 1152 | rVV4 | 22152 | 34702 | 1.13% | 0.199% |
| 29 | 10.291 | 1153 | 1158 | 1163 | rVV3 | 26276 | 45828 | 1.50% | 0.263% |
| 30 | 10.344 | 1163 | 1167 | 1177 | rVB6 | 26117 | 67397 | 2.20% | 0.386% |
| 31 | 10.438 | 1177 | 1183 | 1189 | rBV6 | 24489 | 48208 | 1.58% | 0.276% |
| 32 | 10.509 | 1189 | 1195 | 1202 | rBV5 | 50689 | 118256 | 3.87% | 0.678% |
| 33 | 10.796 | 1240 | 1244 | 1256 | rVB2 | 22434 | 45139 | 1.48% | 0.259% |
| 34 | 11.072 | 1285 | 1291 | 1293 | rBV | 106528 | 173208 | 5.66% | 0.993% |
| 35 | 11.108 | 1293 | 1297 | 1301 | rVV | 188455 | 367819 | 12.02% | 2.109% |
| 36 | 11.161 | 1301 | 1306 | 1313 | rVV | 559974 | 1064423 | 34.79% | 6.104% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
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Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

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-BG121421.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 11.225 | 1313 | 1317 | 1319 | rVV3 | 18267 | 28603 | 0.93% | 0.164% |
| 38 | 11.260 | 1320 | 1323 | 1330 | rVV4 | 34217 | 67304 | 2.20% | 0.386% |
| 39 | 11.319 | 1330 | 1333 | 1340 | rVB5 | 19788 | 32487 | 1.06% | 0.186% |
| 40 | 11.813 | 1413 | 1417 | 1424 | rVB5 | 17792 | 34385 | 1.12% | 0.197% |
| 41 | 11.936 | 1433 | 1438 | 1445 | rVB4 | 21045 | 38226 | 1.25% | 0.219% |
| 42 | 12.018 | 1446 | 1452 | 1459 | rBV3 | 41788 | 78990 | 2.58% | 0.453% |
| 43 | 12.118 | 1463 | 1469 | 1473 | rBV2 | 39198 | 69236 | 2.26% | 0.397% |
| 44 | 12.206 | 1480 | 1484 | 1491 | rVB2 | 22745 | 38946 | 1.27% | 0.223% |
| 45 | 12.294 | 1494 | 1499 | 1506 | rBV8 | 16424 | 36213 | 1.18% | 0.208% |
| 46 | 12.500 | 1527 | 1534 | 1540 | rBV2 | 121081 | 191982 | 6.28% | 1.101% |
| 47 | 12.753 | 1568 | 1577 | 1587 | rVB | 597516 | 996892 | 32.59% | 5.716% |
| 48 | 12.858 | 1587 | 1595 | 1599 | rBV8 | 15319 | 33637 | 1.10% | 0.193% |
| 49 | 12.970 | 1606 | 1614 | 1624 | rVB | 299360 | 526712 | 17.22% | 3.020% |
| 50 | 13.446 | 1691 | 1695 | 1702 | rVB2 | 30716 | 47633 | 1.56% | 0.273% |
| 51 | 13.728 | 1737 | 1743 | 1752 | rVV2 | 114072 | 255917 | 8.37% | 1.467% |
| 52 | 13.939 | 1774 | 1779 | 1789 | rVB | 67771 | 145103 | 4.74% | 0.832% |
| 53 | 14.068 | 1795 | 1801 | 1811 | rBV3 | 135737 | 367023 | 12.00% | 2.105% |
| 54 | 14.233 | 1817 | 1829 | 1833 | rBV | 208776 | 400252 | 13.08% | 2.295% |
| 55 | 14.286 | 1833 | 1838 | 1844 | rVB2 | 134368 | 223119 | 7.29% | 1.279% |
| 56 | 14.462 | 1864 | 1868 | 1872 | rBV2 | 74515 | 125100 | 4.09% | 0.717% |
| 57 | 14.603 | 1887 | 1892 | 1893 | rBV2 | 22764 | 32137 | 1.05% | 0.184% |
| 58 | 14.626 | 1894 | 1896 | 1908 | rVB | 40872 | 70713 | 2.31% | 0.405% |
| 59 | 14.785 | 1919 | 1923 | 1928 | rVB2 | 67124 | 79419 | 2.60% | 0.455% |
| 60 | 14.873 | 1933 | 1938 | 1939 | rBV2 | 34779 | 47429 | 1.55% | 0.272% |
| 61 | 14.908 | 1939 | 1944 | 1949 | rVV | 319163 | 507247 | 16.58% | 2.909% |
| 62 | 14.973 | 1949 | 1955 | 1961 | rVB5 | 49587 | 98814 | 3.23% | 0.567% |
| 63 | 15.108 | 1973 | 1978 | 1988 | rVB | 42035 | 104297 | 3.41% | 0.598% |
| 64 | 15.296 | 2004 | 2010 | 2017 | rBV2 | 82265 | 148618 | 4.86% | 0.852% |
| 65 | 15.373 | 2018 | 2023 | 2034 | rVB3 | 48455 | 95661 | 3.13% | 0.549% |
| 66 | 15.519 | 2043 | 2048 | 2052 | rBV3 | 35667 | 62362 | 2.04% | 0.358% |
| 67 | 15.572 | 2053 | 2057 | 2062 | rVB2 | 38086 | 57876 | 1.89% | 0.332% |
| 68 | 15.666 | 2069 | 2073 | 2075 | rBV4 | 24182 | 36208 | 1.18% | 0.208% |
| 69 | 15.731 | 2081 | 2084 | 2090 | rVB2 | 58211 | 80885 | 2.64% | 0.464% |
| 70 | 15.895 | 2108 | 2112 | 2116 | rBV2 | 27218 | 39328 | 1.29% | 0.226% |
| 71 | 15.942 | 2116 | 2120 | 2125 | rVB5 | 20391 | 36582 | 1.20% | 0.210% |
| 72 | 16.312 | 2179 | 2183 | 2186 | rBV | 21014 | 28499 | 0.93% | 0.163% |
| 73 | 16.594 | 2227 | 2231 | 2233 | rBV | 52919 | 69267 | 2.26% | 0.397% |
| 74 | 17.387 | 2363 | 2366 | 2372 | rVB2 | 35489 | 46756 | 1.53% | 0.268% |
| 75 | 17.658 | 2405 | 2412 | 2416 | rBV | 383127 | 623382 | 20.38% | 3.575% |
| 76 | 17.693 | 2416 | 2418 | 2423 | rVV | 34613 | 47648 | 1.56% | 0.273% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

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-BG121421.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 17.752 | 2424 | 2428 | 2432 | rVB2 | 34287 | 52894 | 1.73% | 0.303% |
| 78 | 18.128 | 2490 | 2492 | 2499 | rVB3 | 35005 | 45106 | 1.47% | 0.259% |
| 79 | 18.298 | 2516 | 2521 | 2527 | rVB2 | 67955 | 97780 | 3.20% | 0.561% |
| 80 | 18.521 | 2556 | 2559 | 2563 | rBV5 | 24621 | 40020 | 1.31% | 0.229% |
| 81 | 18.568 | 2563 | 2567 | 2574 | rVB3 | 43198 | 76774 | 2.51% | 0.440% |
| 82 | 18.815 | 2607 | 2609 | 2614 | rVB | 26414 | 28937 | 0.95% | 0.166% |
| 83 | 19.085 | 2651 | 2655 | 2666 | rVB | 109740 | 158961 | 5.20% | 0.912% |
| 84 | 19.203 | 2671 | 2675 | 2681 | rVB2 | 39418 | 59589 | 1.95% | 0.342% |
| 85 | 19.326 | 2692 | 2696 | 2703 | rVB5 | 40648 | 67041 | 2.19% | 0.384% |
| 86 | 19.420 | 2708 | 2712 | 2718 | rVB4 | 62689 | 108798 | 3.56% | 0.624% |
| 87 | 19.626 | 2742 | 2747 | 2751 | rVB | 154219 | 198490 | 6.49% | 1.138% |
| 88 | 19.902 | 2790 | 2794 | 2802 | rVB2 | 114290 | 153928 | 5.03% | 0.883% |
| 89 | 20.025 | 2811 | 2815 | 2827 | rVB2 | 61811 | 125527 | 4.10% | 0.720% |
| 90 | 20.348 | 2867 | 2870 | 2877 | rVB | 41010 | 50479 | 1.65% | 0.289% |
| 91 | 20.930 | 2964 | 2969 | 2974 | rVB | 271448 | 333475 | 10.90% | 1.912% |
| 92 | 21.582 | 3076 | 3080 | 3084 | rBV3 | 79690 | 131114 | 4.29% | 0.752% |
| 93 | 21.846 | 3118 | 3125 | 3137 | rVB | 2050707 | 3059300 | 100.00% | 17.543% |
| 94 | 21.975 | 3140 | 3147 | 3153 | rBV | 365616 | 642099 | 20.99% | 3.682% |
| 95 | 22.146 | 3171 | 3176 | 3177 | rBV2 | 33988 | 52027 | 1.70% | 0.298% |
| 96 | 22.833 | 3289 | 3293 | 3298 | rVB2 | 27486 | 41412 | 1.35% | 0.237% |
| 97 | 22.909 | 3302 | 3306 | 3313 | rVB7 | 31204 | 61771 | 2.02% | 0.354% |
| 98 | 23.156 | 3343 | 3348 | 3352 | rBV4 | 29186 | 58281 | 1.91% | 0.334% |
| 99 | 23.591 | 3418 | 3422 | 3429 | rVB3 | 29782 | 53251 | 1.74% | 0.305% |
| 100 | 25.471 | 3732 | 3742 | 3751 | rBV2 | 203449 | 628399 | 20.54% | 3.603% |

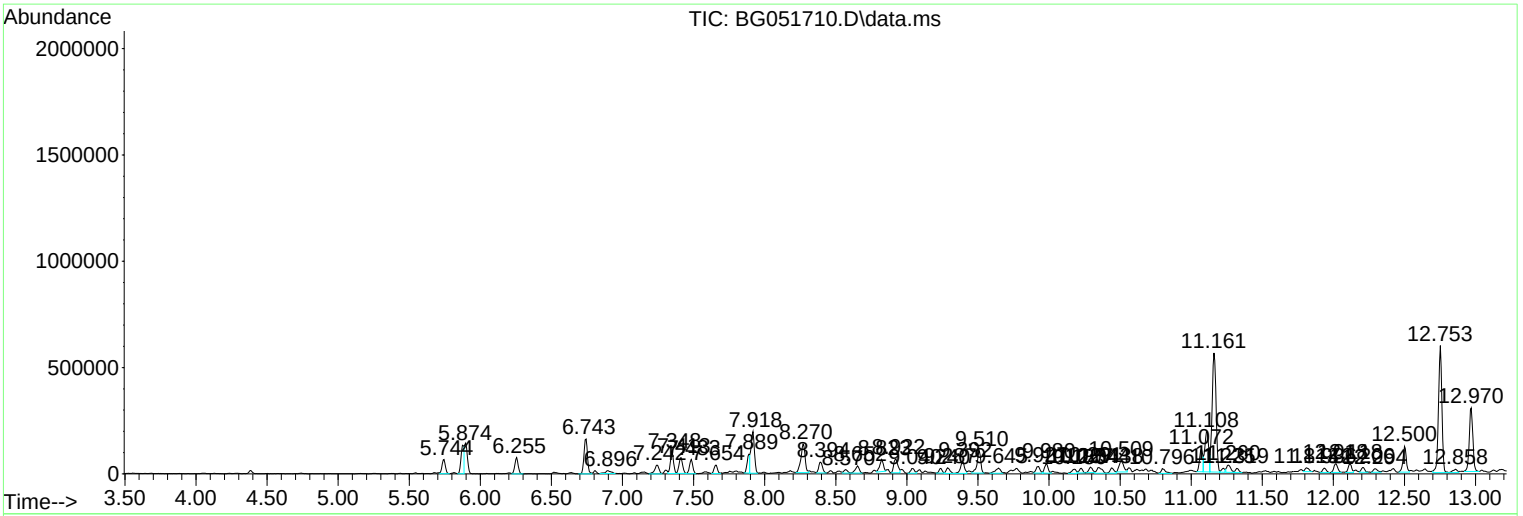
Sum of corrected areas: 17439307

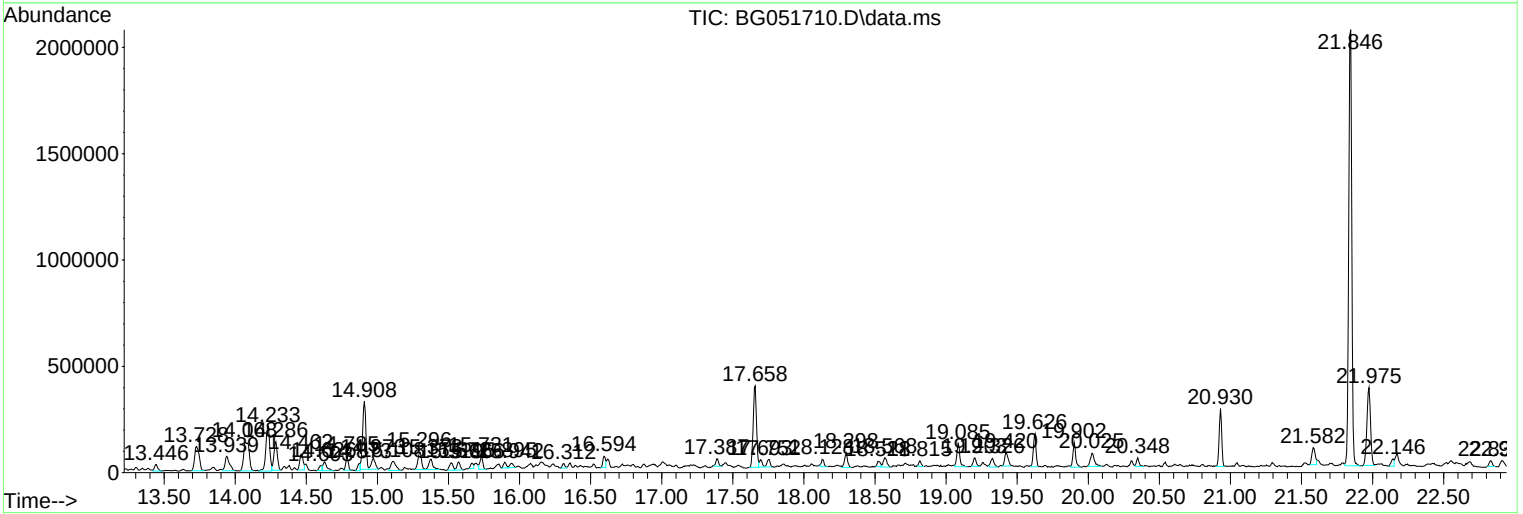
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

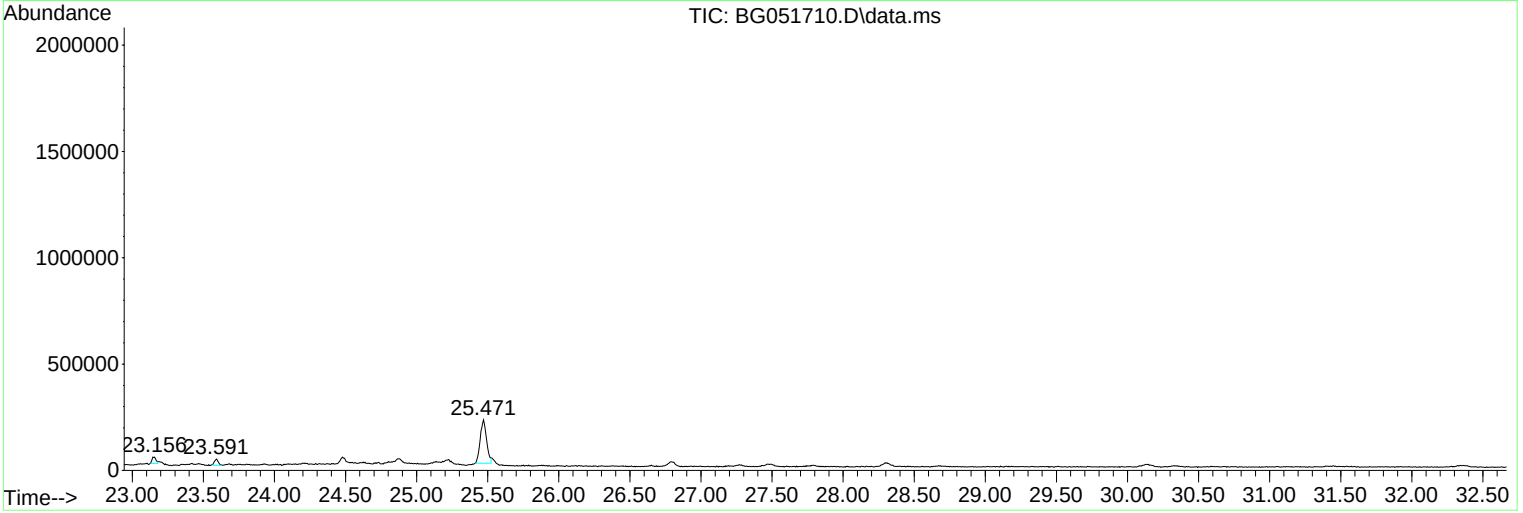
**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

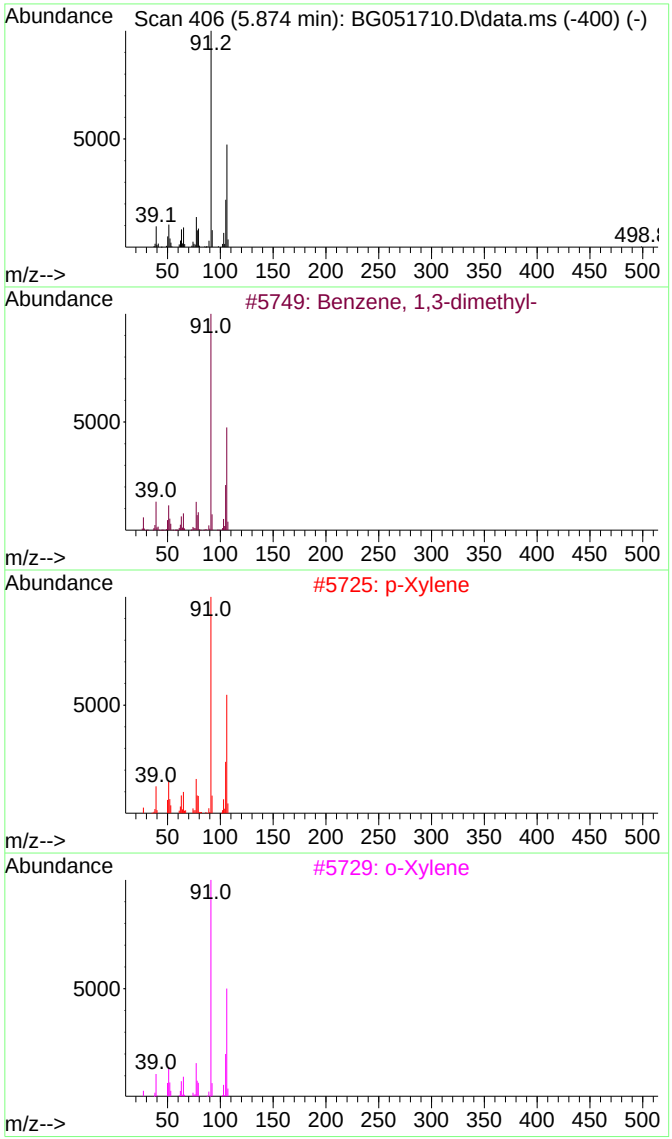
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

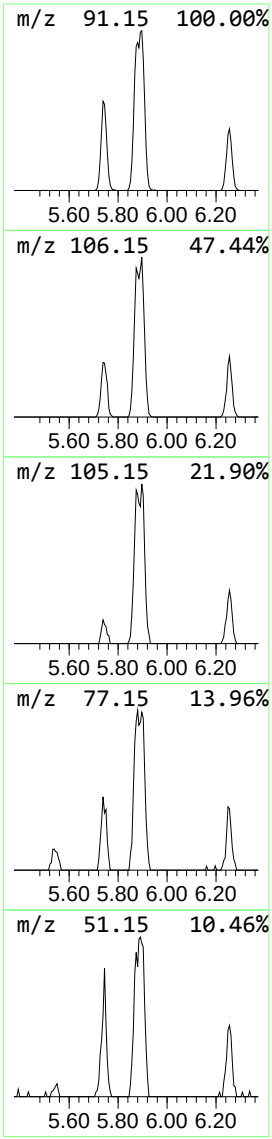
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.874 | 14.89 ng/ul | 207337 | 1,4-Dichlorobenzene-d4 | 8.270 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

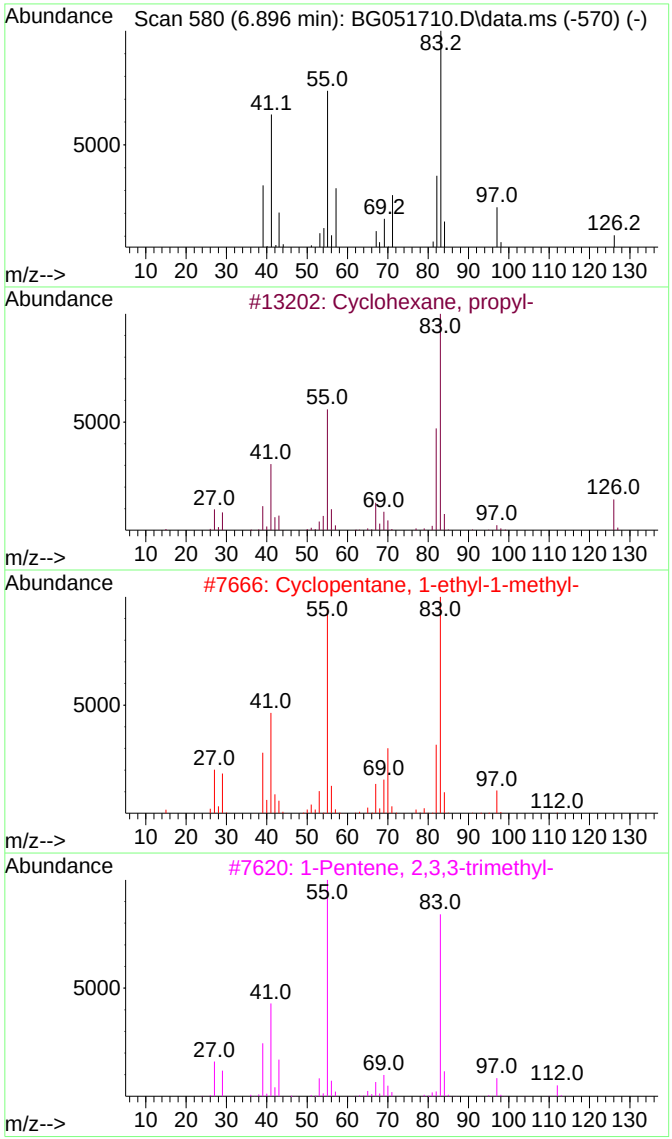
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

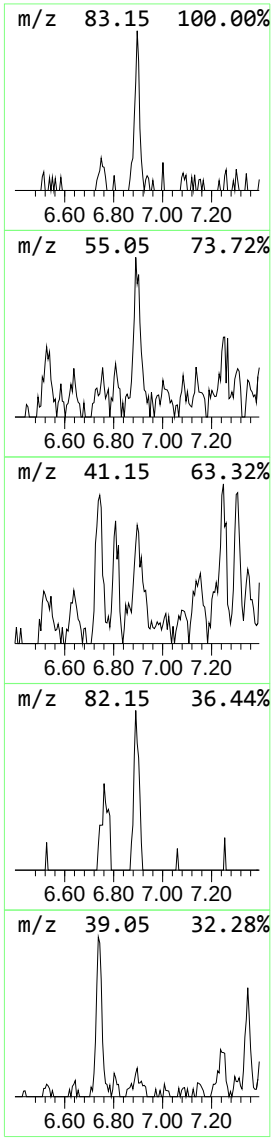
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Cyclic6.896 Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.896 | 2.74 ng/ul | 38185 | 1,4-Dichlorobenzene-d4 | 8.270 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 64 |
| 2 | Cyclopentane, 1-ethyl-1-methyl- | 112 | C8H16 | 016747-50-5 | 59 |
| 3 | 1-Pentene, 2,3,3-trimethyl- | 112 | C8H16 | 000560-23-6 | 50 |
| 4 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 50 |
| 5 | 2-Hexene, 4,4,5-trimethyl- | 126 | C9H18 | 055702-61-9 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

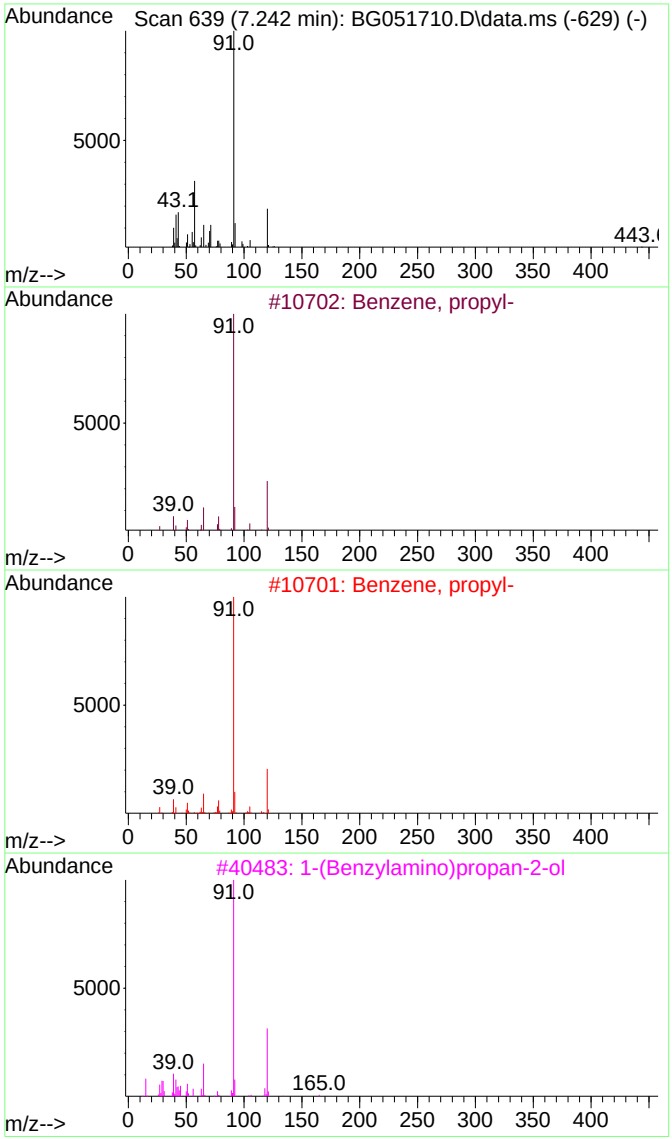
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

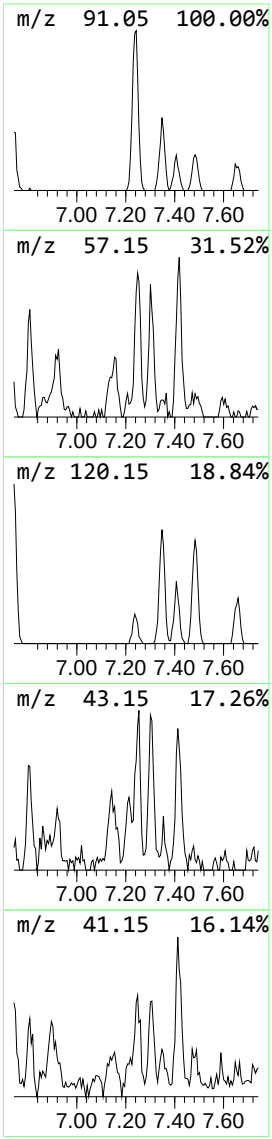
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, propyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.242 | 6.41 ng/ul | 89266 | 1,4-Dichlorobenzene-d4 | 8.270 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 62 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 58 |
| 3 | 1-(Benzylamino)propan-2-ol | 165 | C10H15NO | 1000486-84-7 | 53 |
| 4 | 1,2-Ethanediamine, N-(phenylmeth... | 150 | C9H14N2 | 004152-09-4 | 53 |
| 5 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

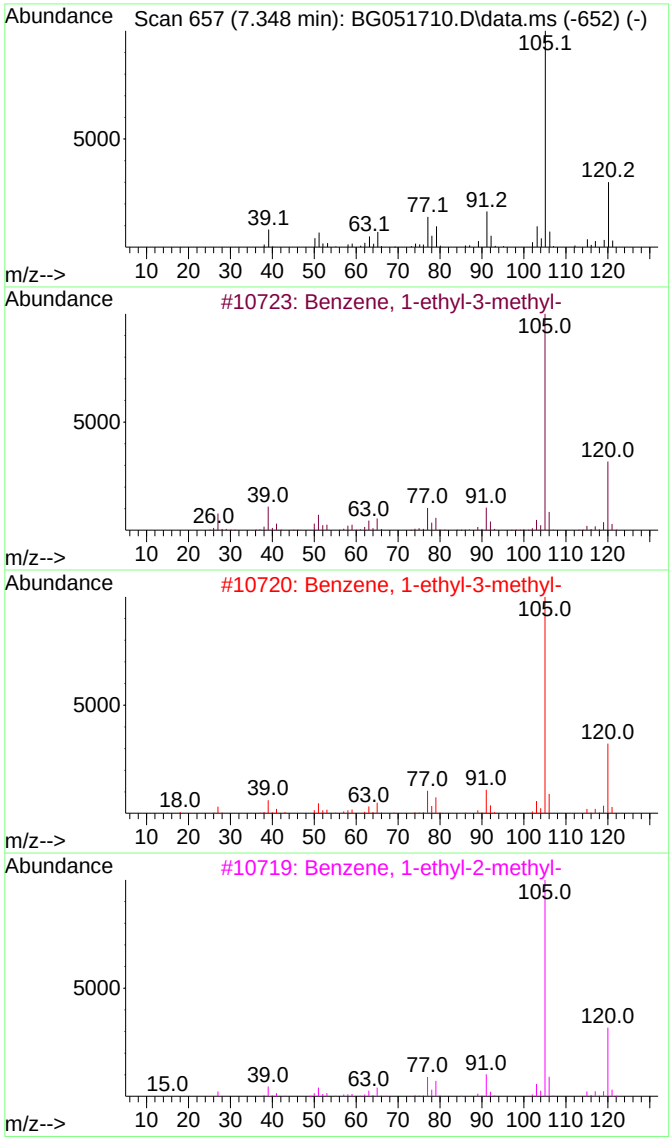
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

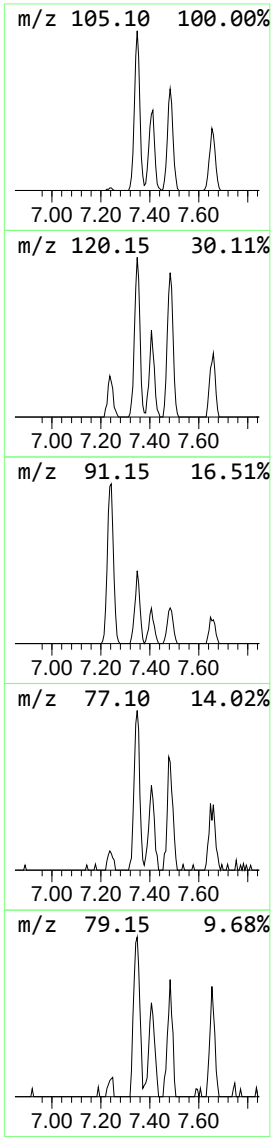
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.348 | 10.84 ng/ul | 150846 | 1,4-Dichlorobenzene-d4 | 8.270 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 3 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

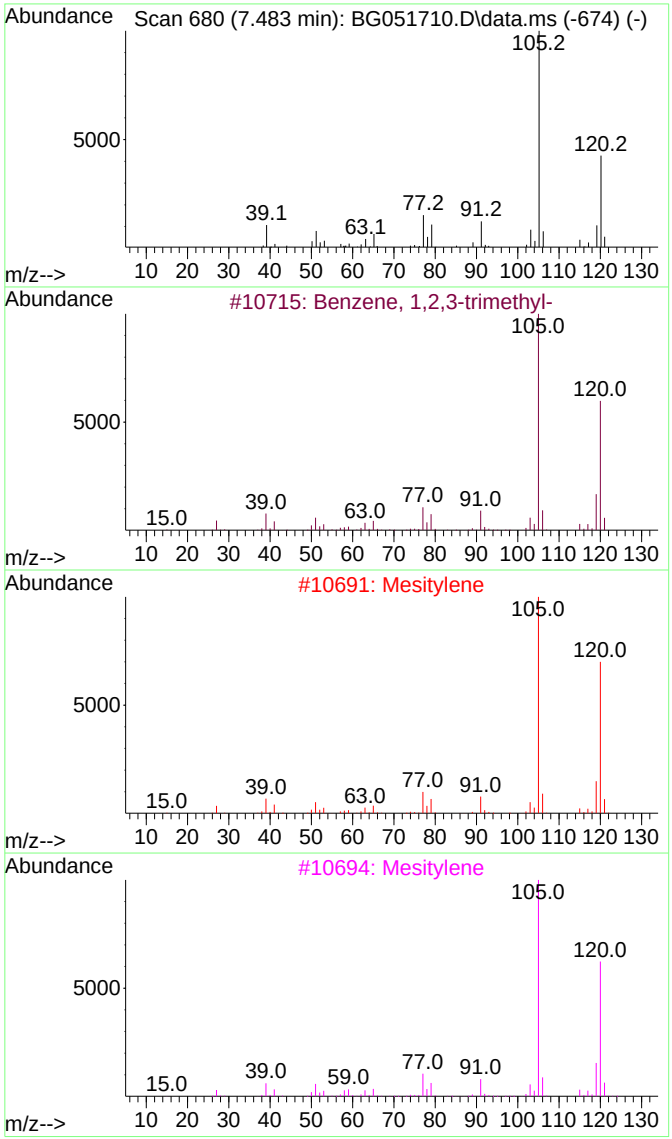
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

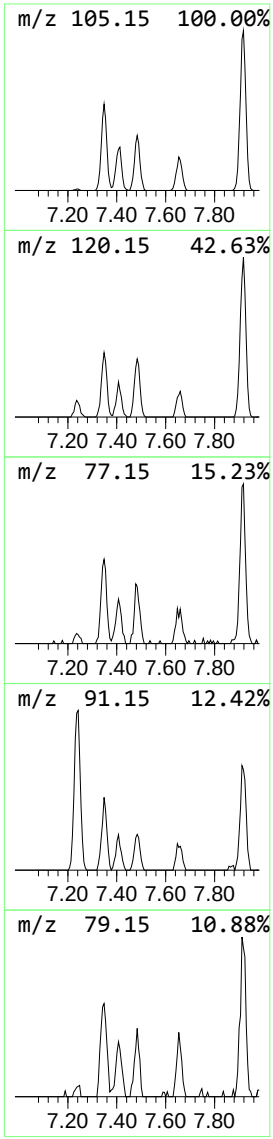
**********

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.483 | 7.69 ng/ul | 107011 | 1,4-Dichlorobenzene-d4 | 8.270 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

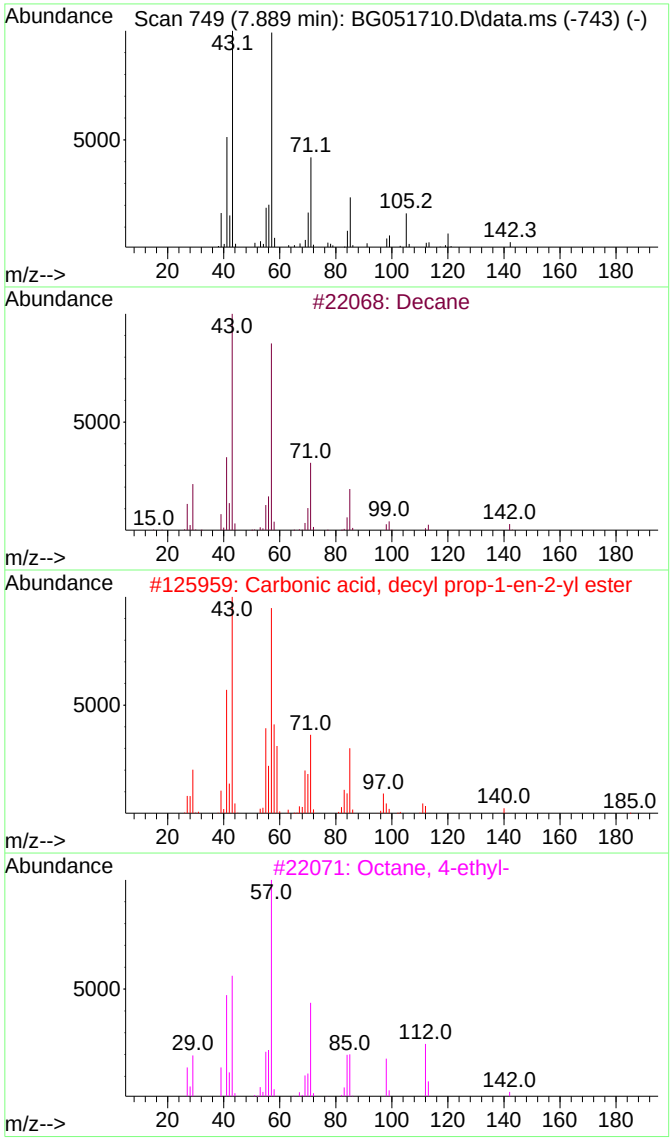
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

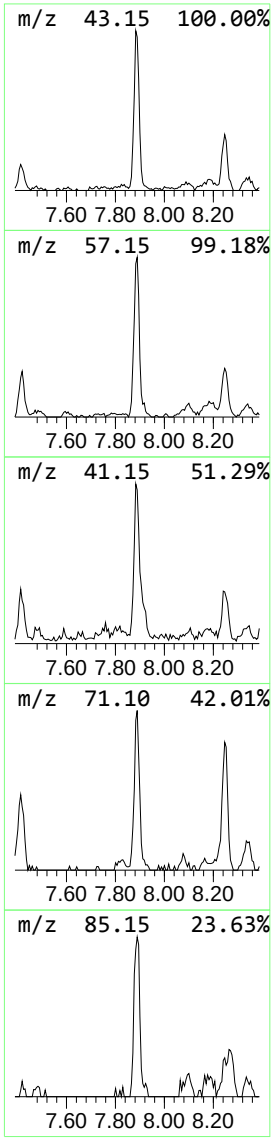
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.889 | 8.47 ng/ul | 117894 | 1,4-Dichlorobenzene-d4 | 8.270 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 93 |
| 2 | Carbonic acid, decyl prop-1-en-2... | 242 | C14H26O3 | 1000382-90-5 | 72 |
| 3 | Octane, 4-ethyl- | 142 | C10H22 | 015869-86-0 | 72 |
| 4 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 64 |
| 5 | Nonane | 128 | C9H20 | 000111-84-2 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

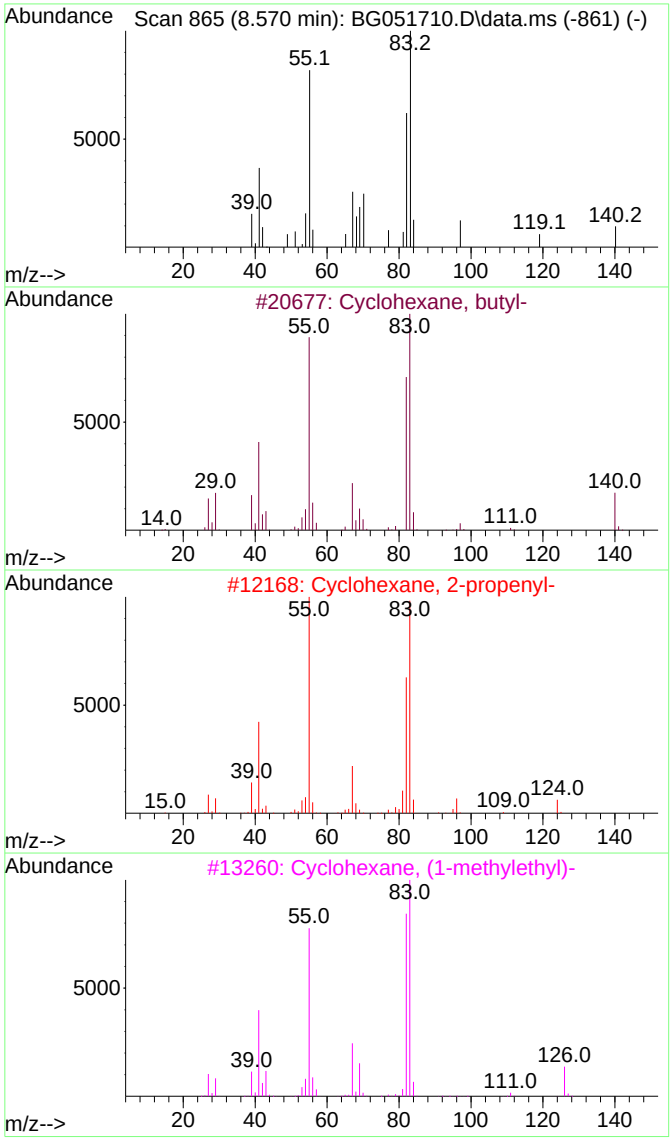
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

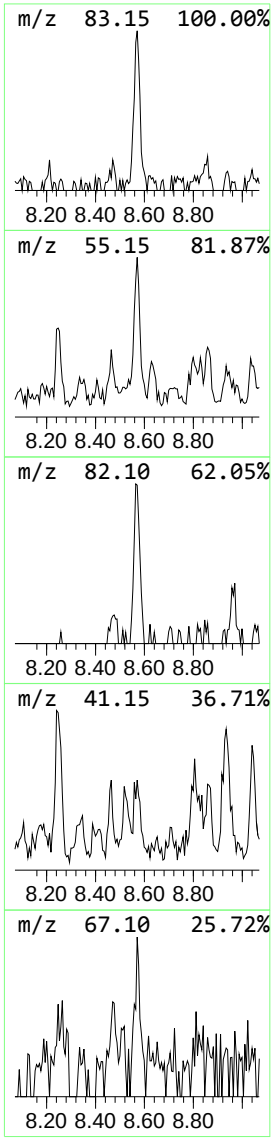
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 (DEL) Alkane: Cyclic8.570 Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.570 | 2.13 ng/ul | 29638 | 1,4-Dichlorobenzene-d4 | 8.270 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 64 |
| 2 | Cyclohexane, 2-propenyl- | 124 | C9H16 | 002114-42-3 | 59 |
| 3 | Cyclohexane, (1-methylethyl)- | 126 | C9H18 | 000696-29-7 | 59 |
| 4 | Cyclopentane, 1-ethyl-1-methyl- | 112 | C8H16 | 016747-50-5 | 59 |
| 5 | Cyclohexane, (1-methylethyl)- | 126 | C9H18 | 000696-29-7 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

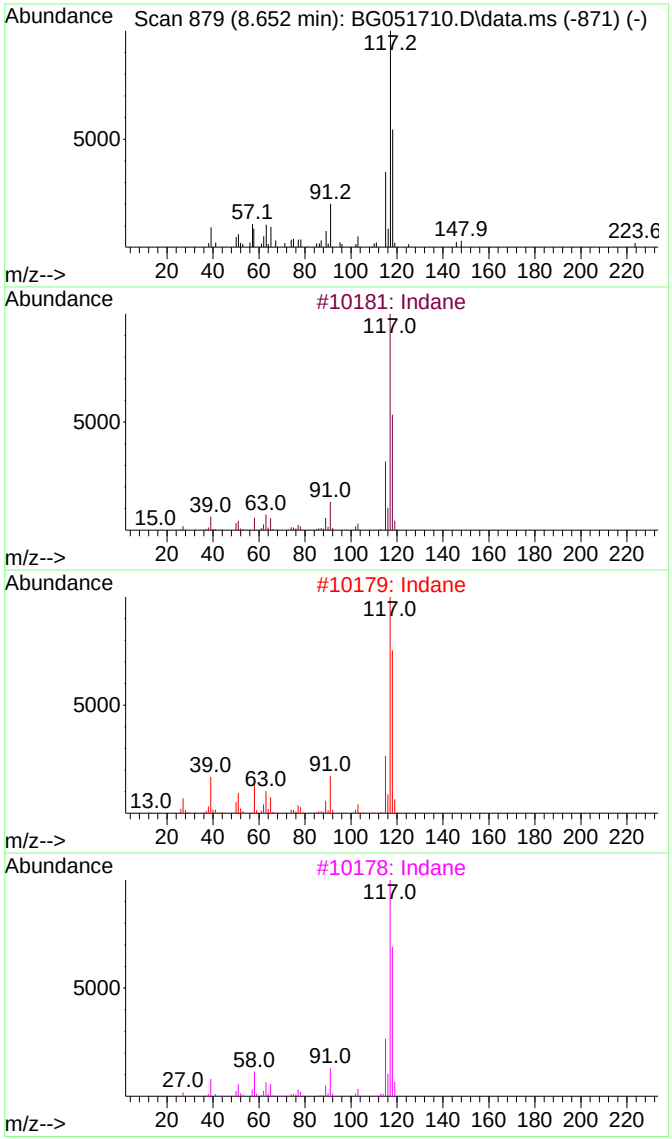
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

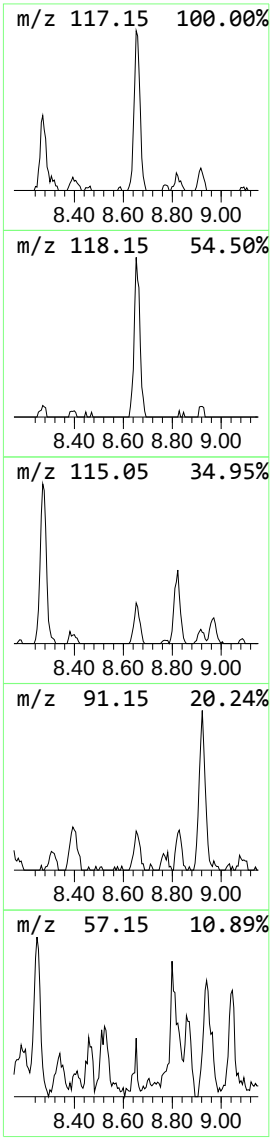
**********

Peak Number 14 Indane Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.652 | 4.70 ng/ul | 65415 | 1,4-Dichlorobenzene-d4 | 8.270 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 81 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 68 |
| 4 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 68 |
| 5 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

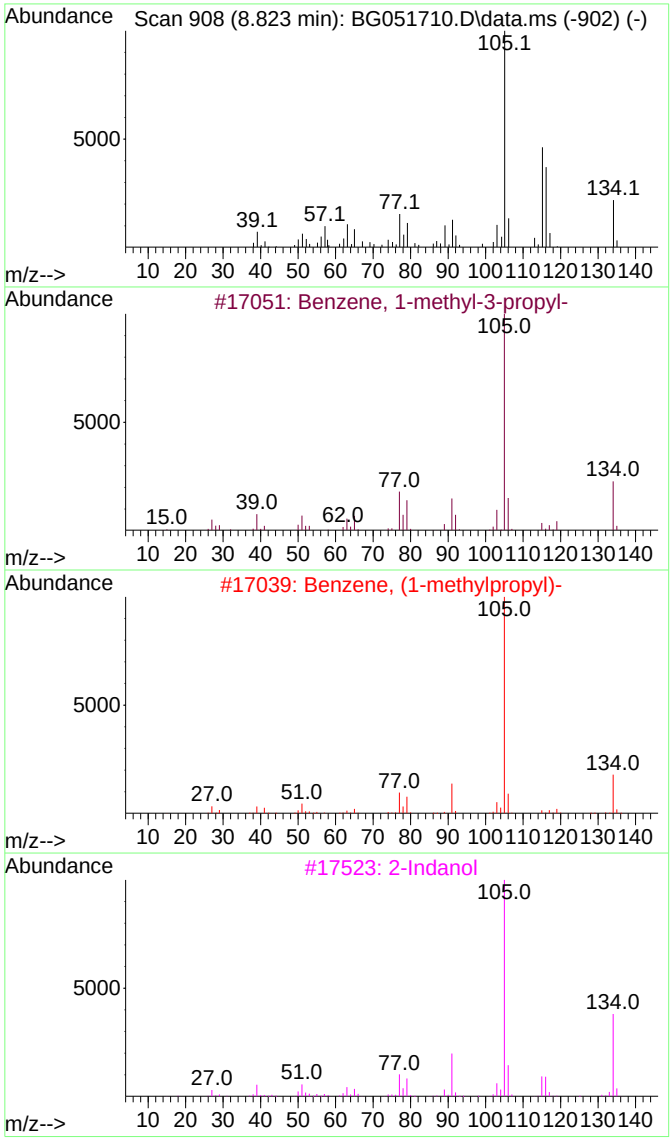
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

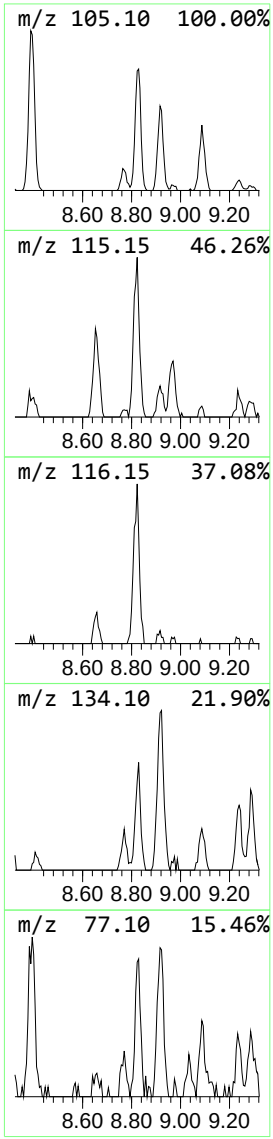
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 unknown-01 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.823 | 7.23 ng/ul | 100655 | 1,4-Dichlorobenzene-d4 | 8.270 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 46 |
| 2 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 46 |
| 3 | 2-Indanol | 134 | C9H10O | 004254-29-9 | 43 |
| 4 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 42 |
| 5 | 2-Tolyloxirane | 134 | C9H10O | 002783-26-8 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

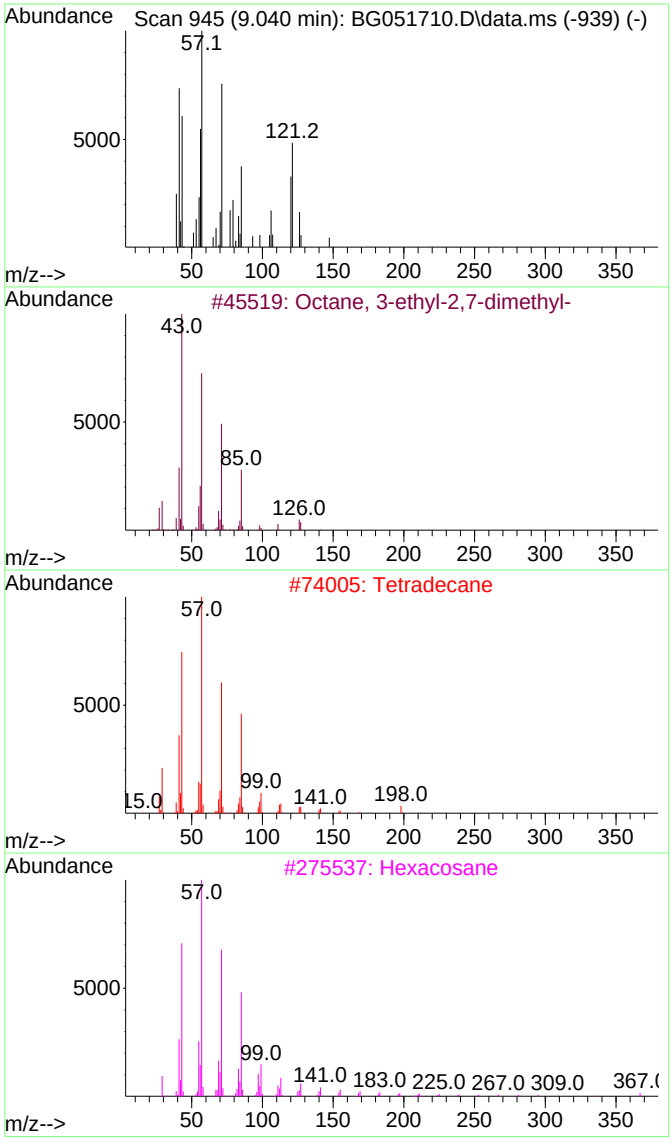
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

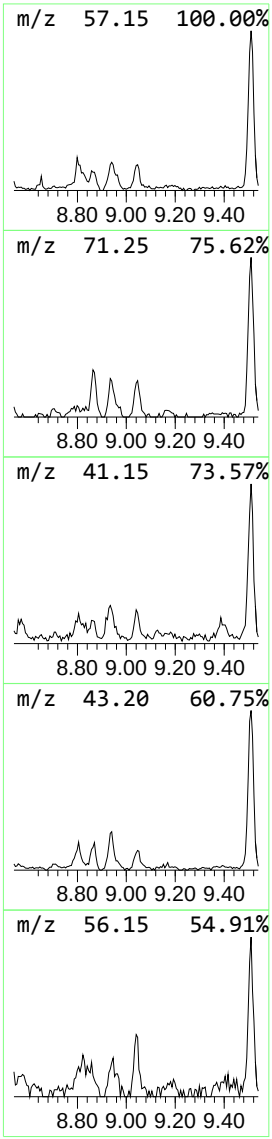
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.040 | 3.19 ng/ul | 44450 | 1,4-Dichlorobenzene-d4 | 8.270 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 3-ethyl-2,7-dimethyl- | 170 | C12H26 | 062183-55-5 | 47 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 43 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 43 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 43 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

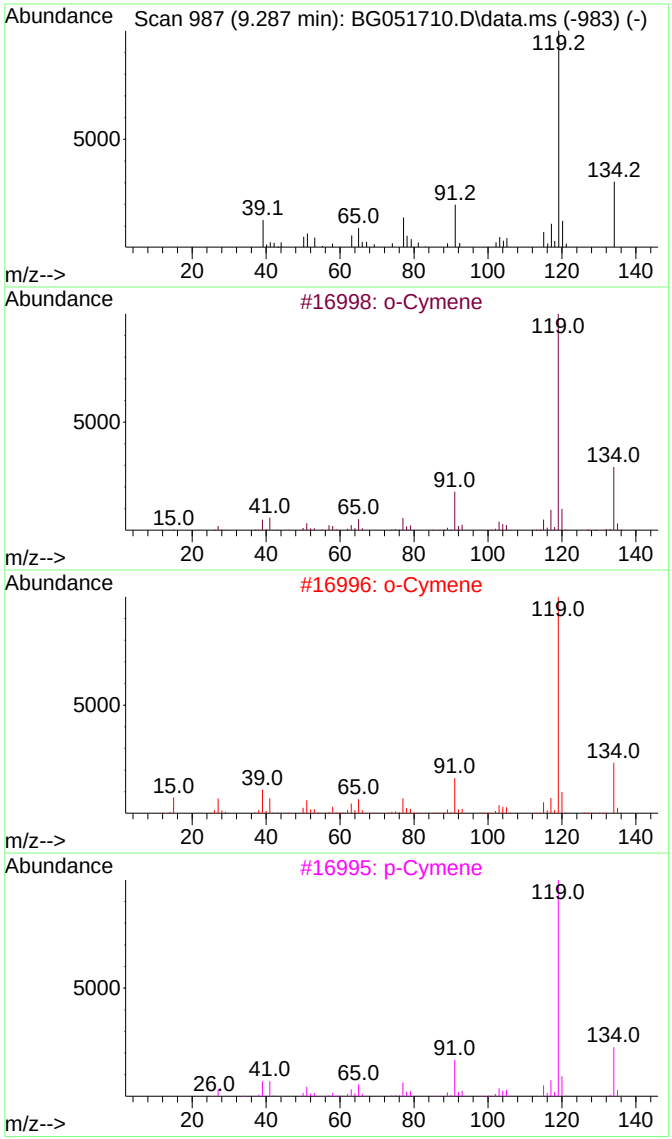
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

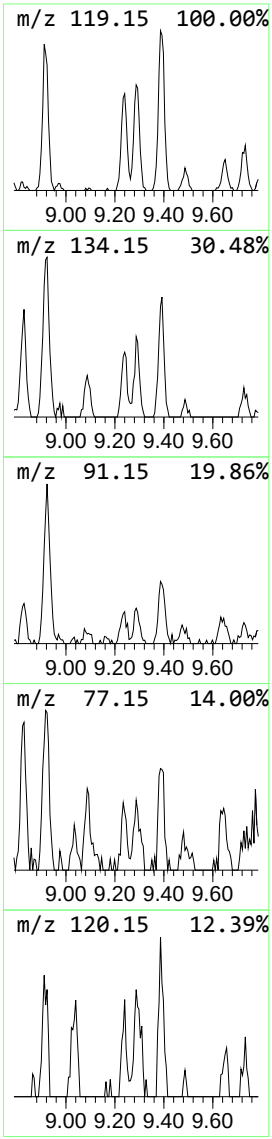
**********

Peak Number 18 o-Cymene Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.287 | 3.43 ng/ul | 47799 | 1,4-Dichlorobenzene-d4 | 8.270 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 93 |
| 4 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 5 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

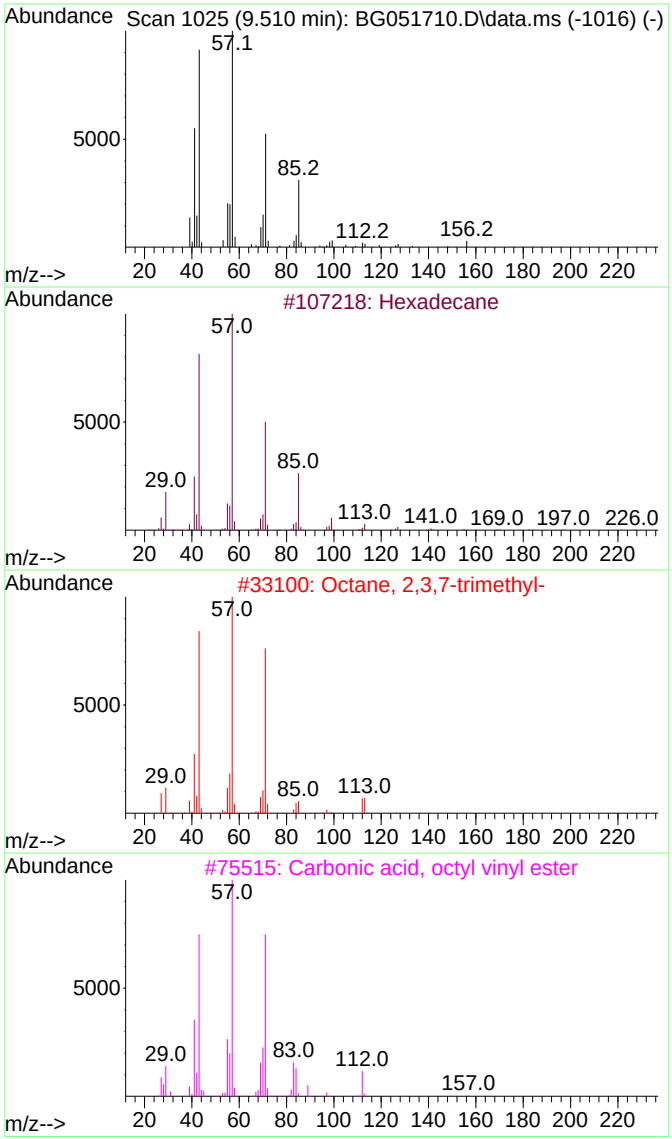
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

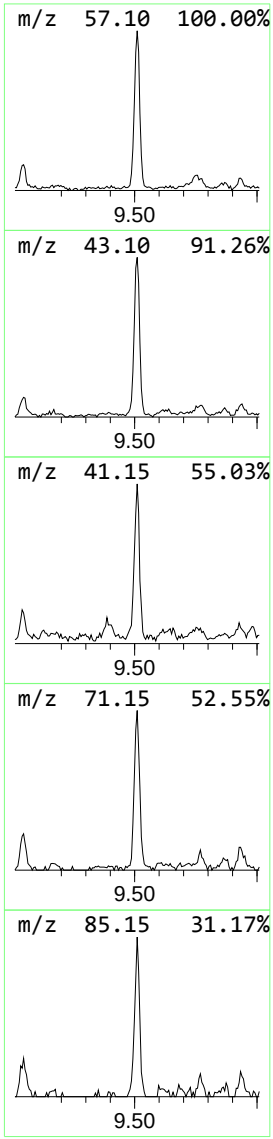
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.510 | 13.19 ng/ul | 183671 | 1,4-Dichlorobenzene-d4 | 8.270 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 78 |
| 2 | Octane, 2,3,7-trimethyl- | 156 | C11H24 | 062016-34-6 | 64 |
| 3 | Carbonic acid, octyl vinyl ester | 200 | C11H20O3 | 1000383-25-5 | 64 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 59 |
| 5 | Oxalic acid, isobutyl pentyl ester | 216 | C11H20O4 | 1000309-37-0 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

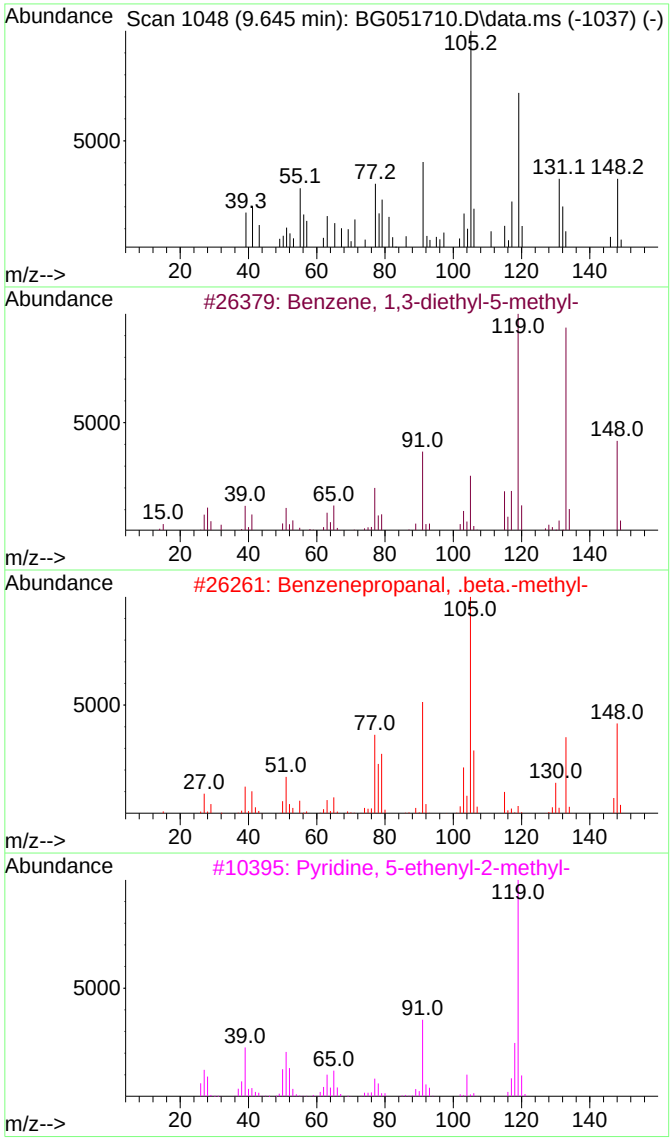
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

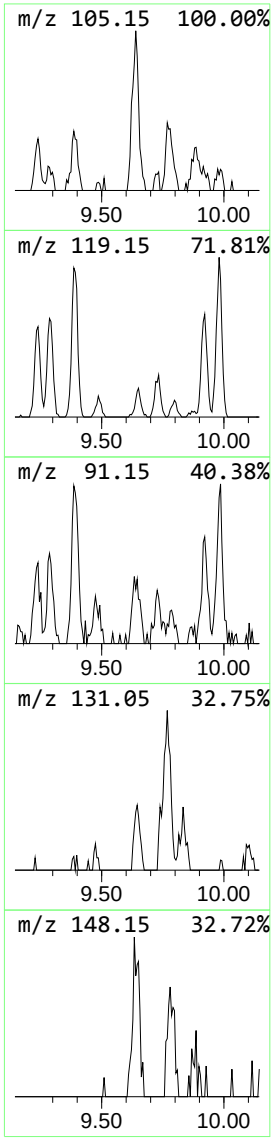
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 unknown-02 Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.645 | 4.50 ng/ul | 62628 | 1,4-Dichlorobenzene-d4 | 8.270 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-diethyl-5-methyl- | 148 | C11H16 | 002050-24-0 | 43 |
| 2 | Benzenepropanal, .beta.-methyl- | 148 | C10H12O | 016251-77-7 | 38 |
| 3 | Pyridine, 5-ethenyl-2-methyl- | 119 | C8H9N | 000140-76-1 | 38 |
| 4 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 35 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

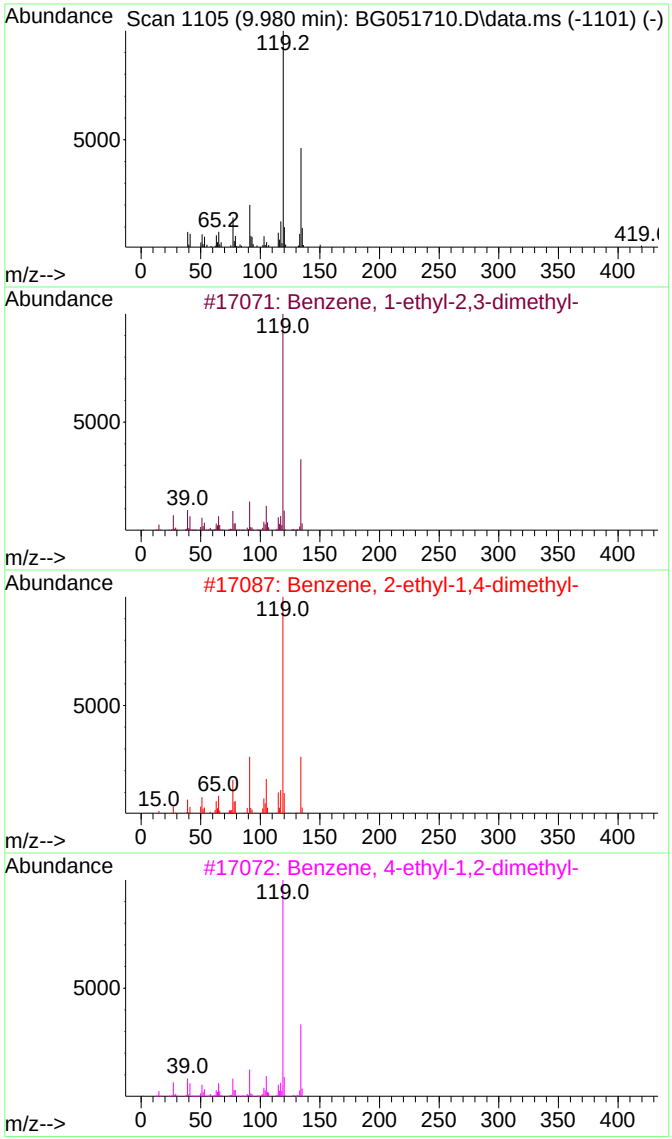
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

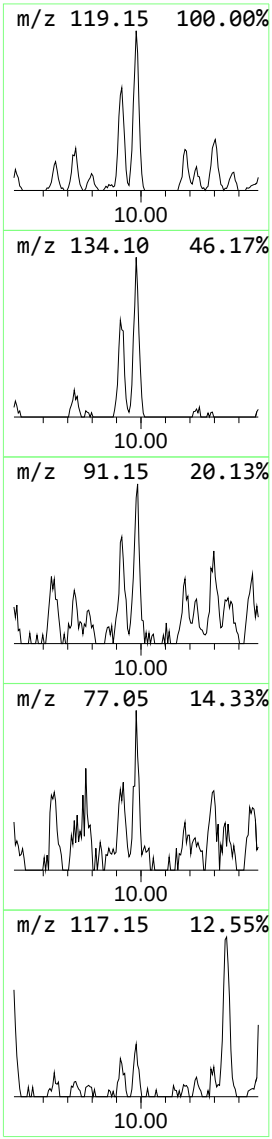
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.980 | 4.13 ng/ul | 75924 | Naphthalene-d8 | 11.108 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 91 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 91 |
| 3 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 91 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 91 |
| 5 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

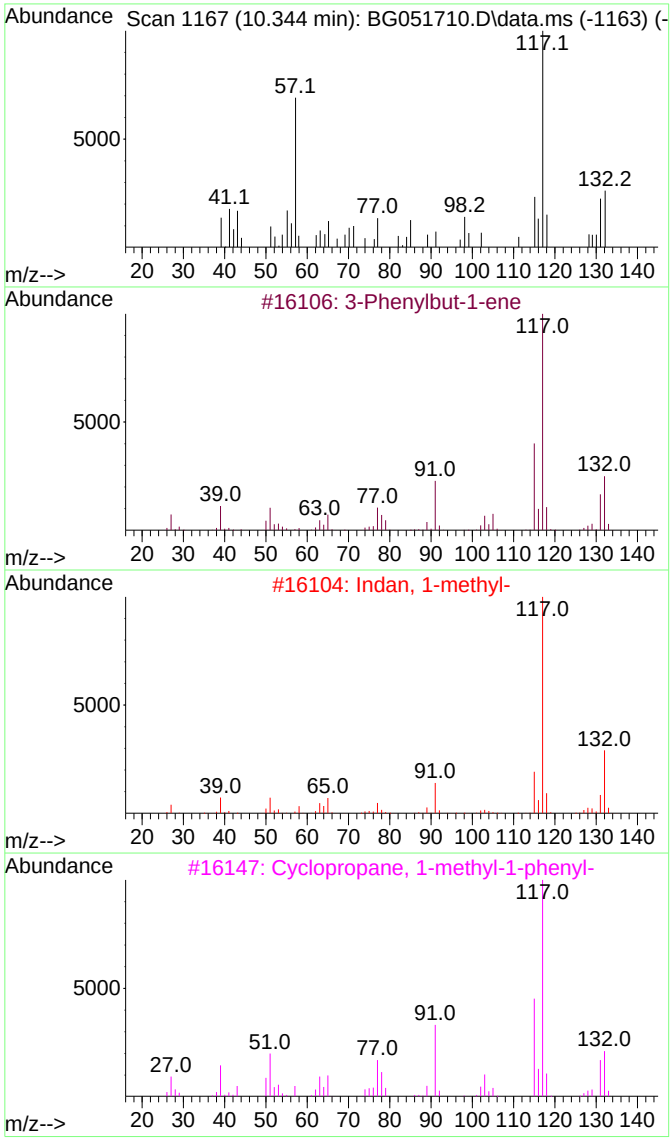
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

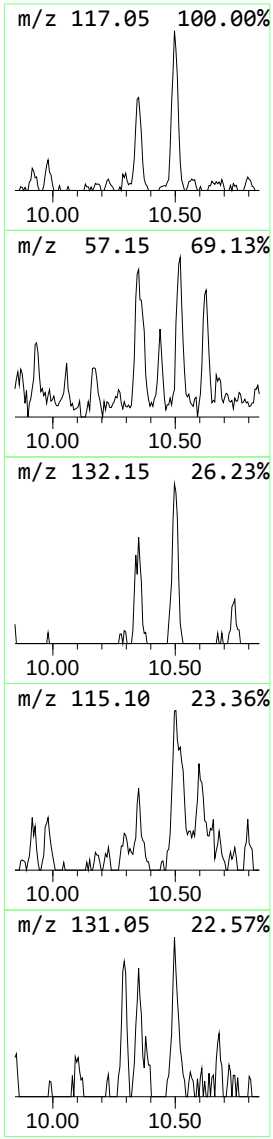
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 3-Phenylbut-1-ene Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.344 | 3.66 ng/ul | 67397 | Naphthalene-d8 | 11.108 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Phenylbut-1-ene | 132 | C10H12 | 000934-10-1 | 68 |
| 2 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 64 |
| 3 | Cyclopropane, 1-methyl-1-phenyl- | 132 | C10H12 | 002214-14-4 | 62 |
| 4 | Indan, 1-methyl- | 132 | C10H12 | 000767-58-8 | 53 |
| 5 | Benzene, (2-bromocyclopropyl)- | 196 | C9H9Br | 036617-02-4 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

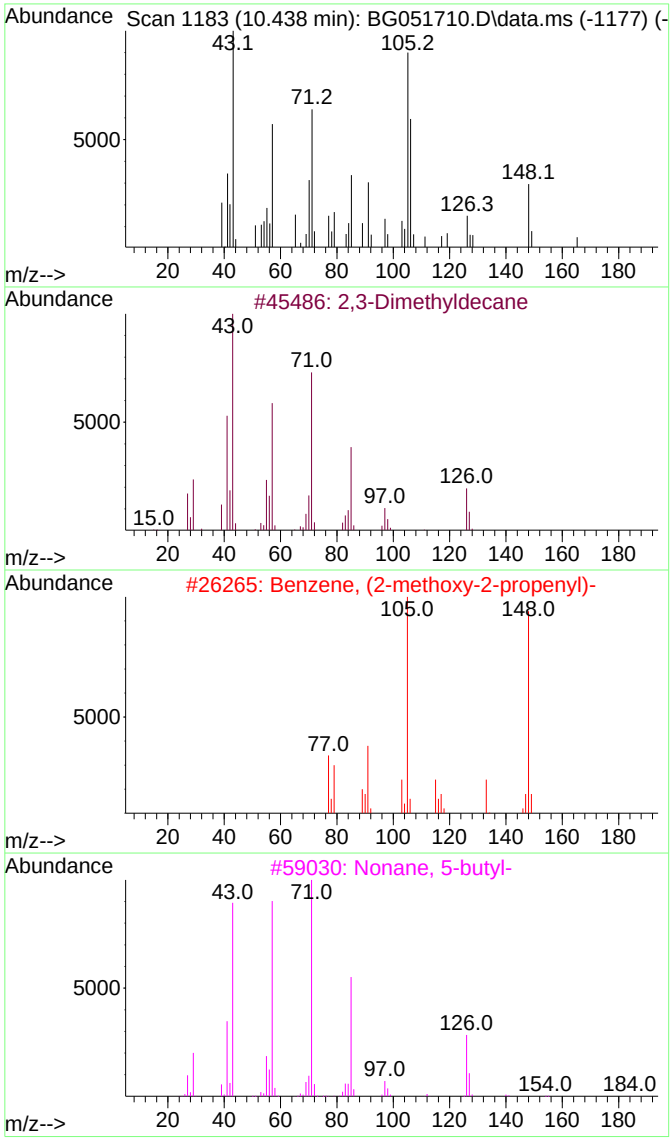
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

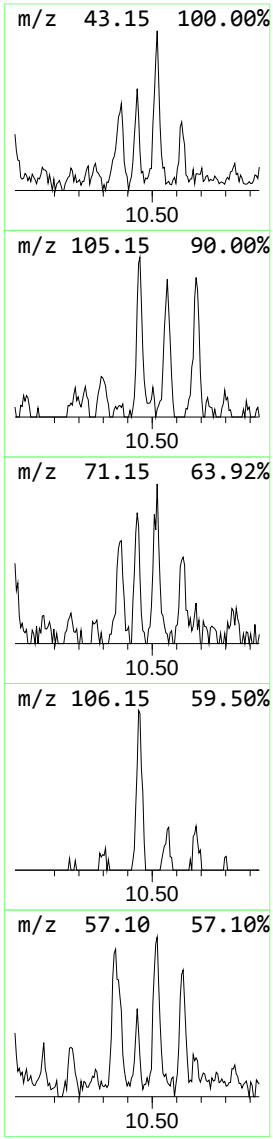
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.438 | 2.62 ng/ul | 48208 | Naphthalene-d8 | 11.108 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,3-Dimethyldecane | 170 | C12H26 | 017312-44-6 | 35 |
| 2 | Benzene, (2-methoxy-2-propenyl)- | 148 | C10H12O | 026473-60-9 | 30 |
| 3 | Nonane, 5-butyl- | 184 | C13H28 | 017312-63-9 | 27 |
| 4 | Decane, 2,3,7-trimethyl- | 184 | C13H28 | 062238-13-5 | 27 |
| 5 | 2-(p-Tolyl)ethylamine | 135 | C9H13N | 003261-62-9 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

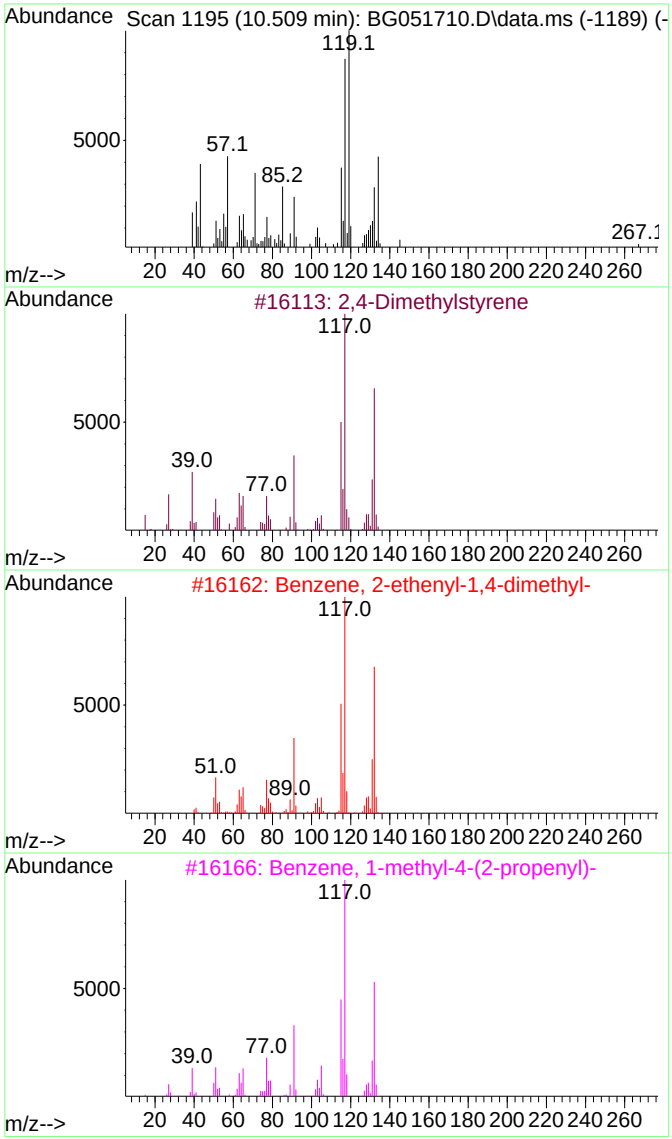
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

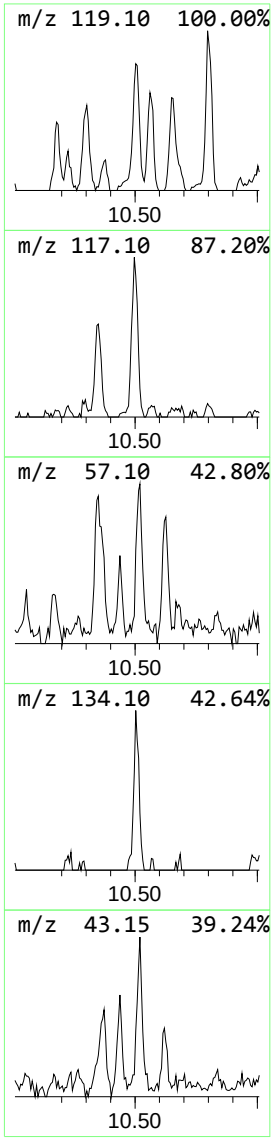
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 2,4-Dimethylstyrene Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.509 | 6.43 ng/ul | 118256 | Naphthalene-d8 | 11.108 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 83 |
| 2 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 81 |
| 3 | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12 | 003333-13-9 | 49 |
| 4 | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12 | 000768-49-0 | 42 |
| 5 | 1H-Indene, 2,3-dihydro-2-methyl- | 132 | C10H12 | 000824-63-5 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

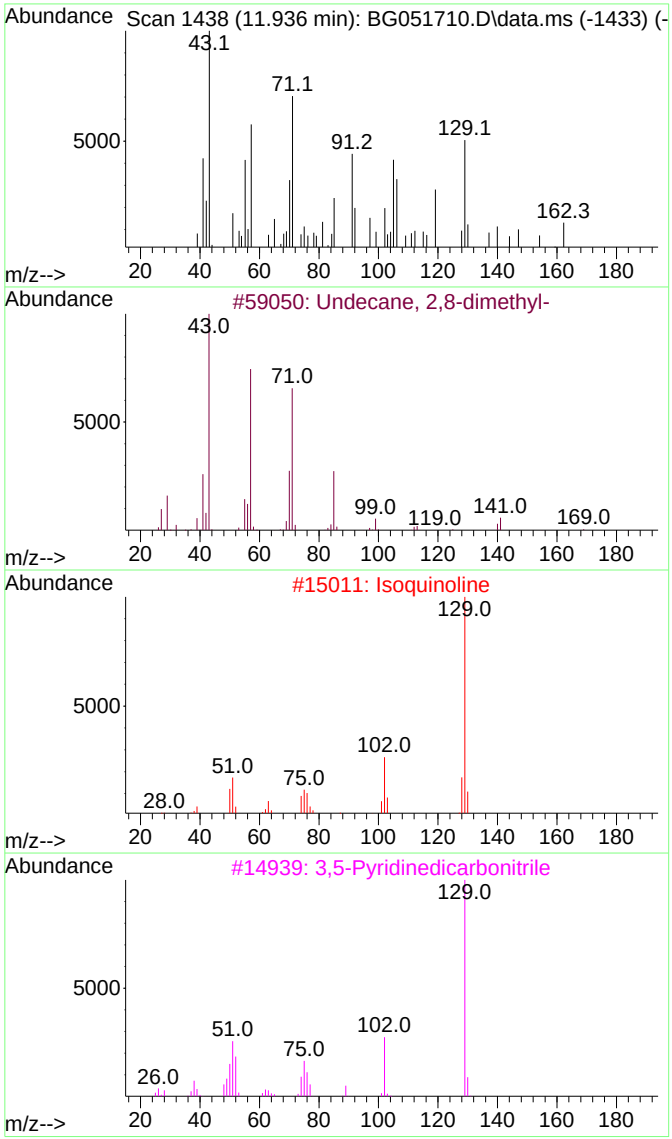
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

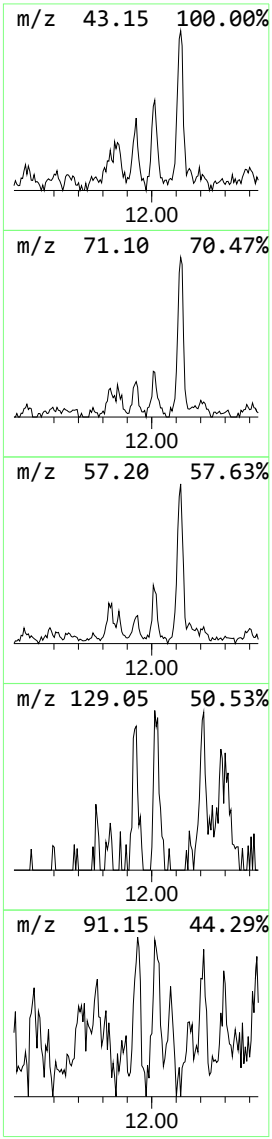
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 51

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.936 | 2.08 ng/ul | 38226 | Naphthalene-d8 | 11.108 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 2,8-dimethyl- | 184 | C13H28 | 017301-25-6 | 14 |
| 2 | Isoquinoline | 129 | C9H7N | 000119-65-3 | 11 |
| 3 | 3,5-Pyridinedicarbonitrile | 129 | C7H3N3 | 001195-58-0 | 11 |
| 4 | Benzene, (4-methoxy-3-butenyl)-,... | 162 | C11H14O | 069485-50-3 | 11 |
| 5 | 1,2-Cyclohexanediol, 1-methyl-, ... | 130 | C7H14O2 | 019534-08-8 | 11 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

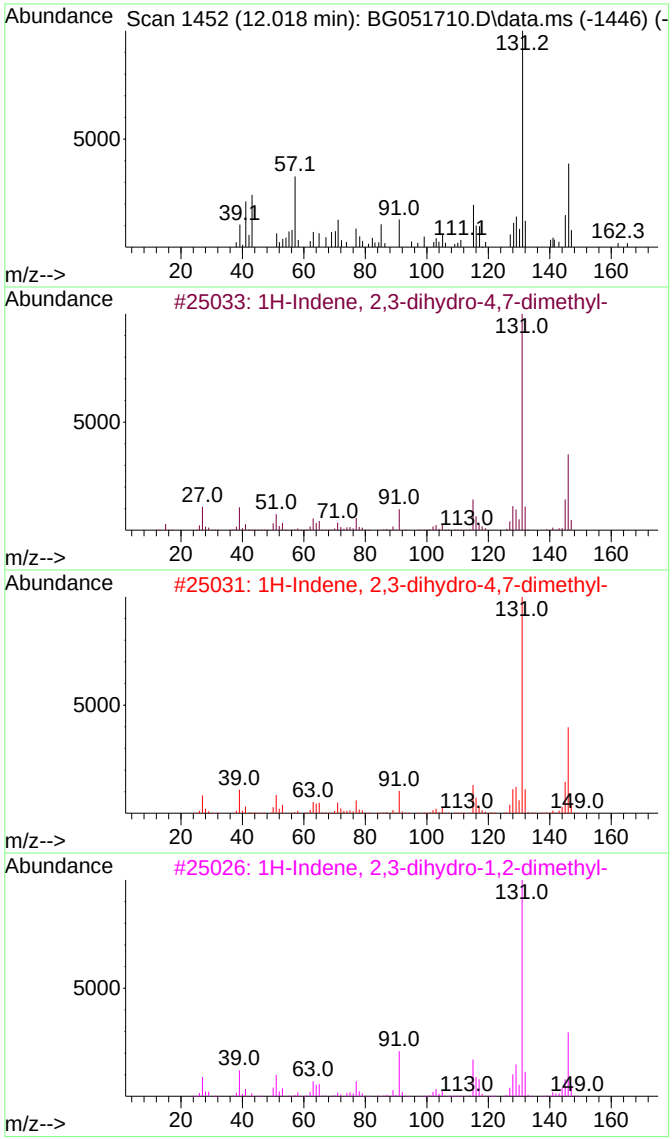
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

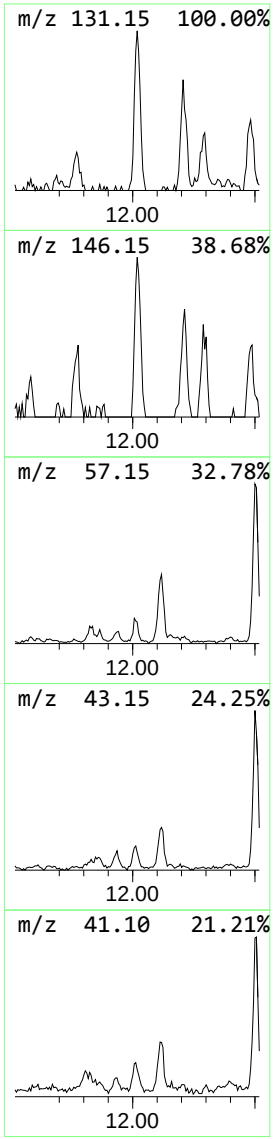
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.018 | 4.30 ng/ul | 78990 | Naphthalene-d8 | 11.108 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 94 |
| 2 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 94 |
| 3 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 94 |
| 4 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 93 |
| 5 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

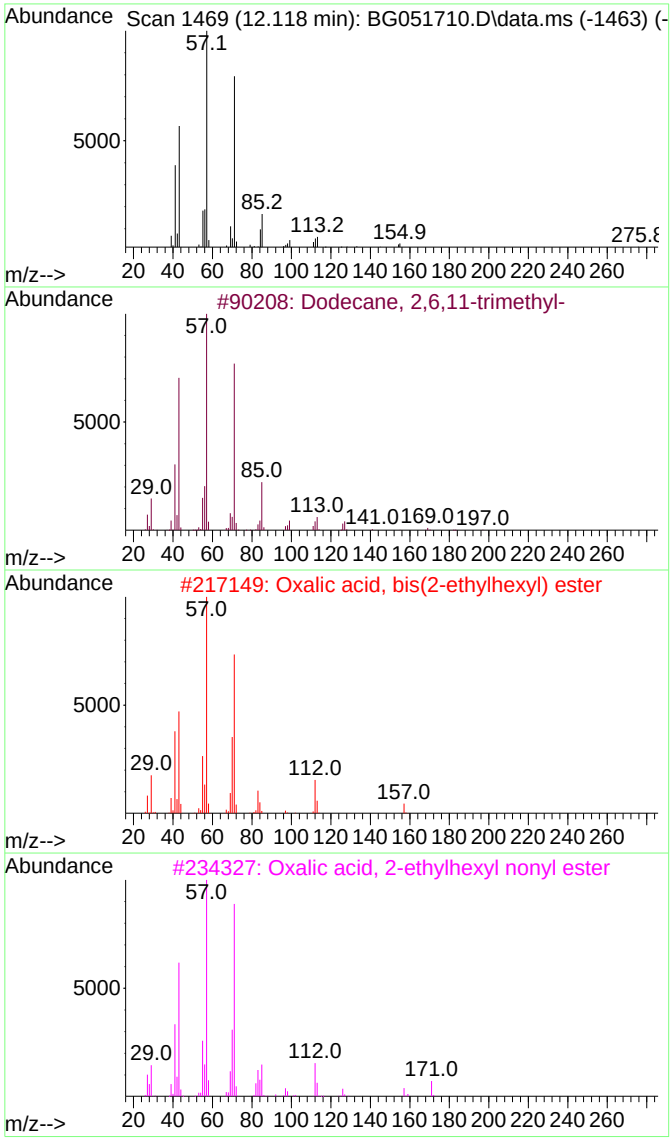
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

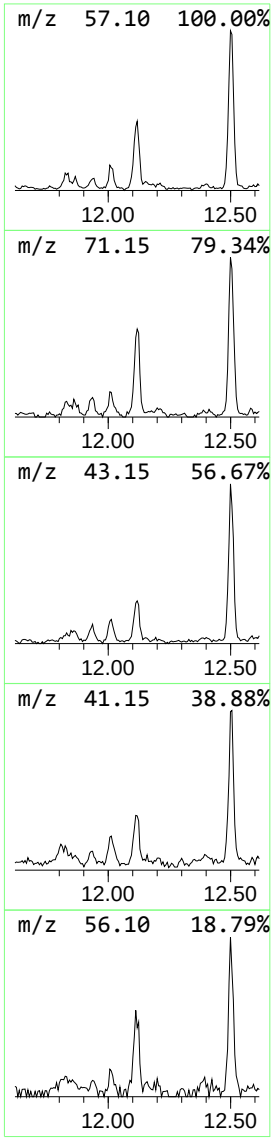
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.118 | 3.76 ng/ul | 69236 | Naphthalene-d8 | 11.108 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 78 |
| 2 | Oxalic acid, bis(2-ethylhexyl) e... | 314 | C18H34O4 | 1000309-39-0 | 64 |
| 3 | Oxalic acid, 2-ethylhexyl nonyl ... | 328 | C19H36O4 | 1000309-39-2 | 64 |
| 4 | Threitol, 2-O-octyl- | 234 | C12H26O4 | 163776-14-5 | 59 |
| 5 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

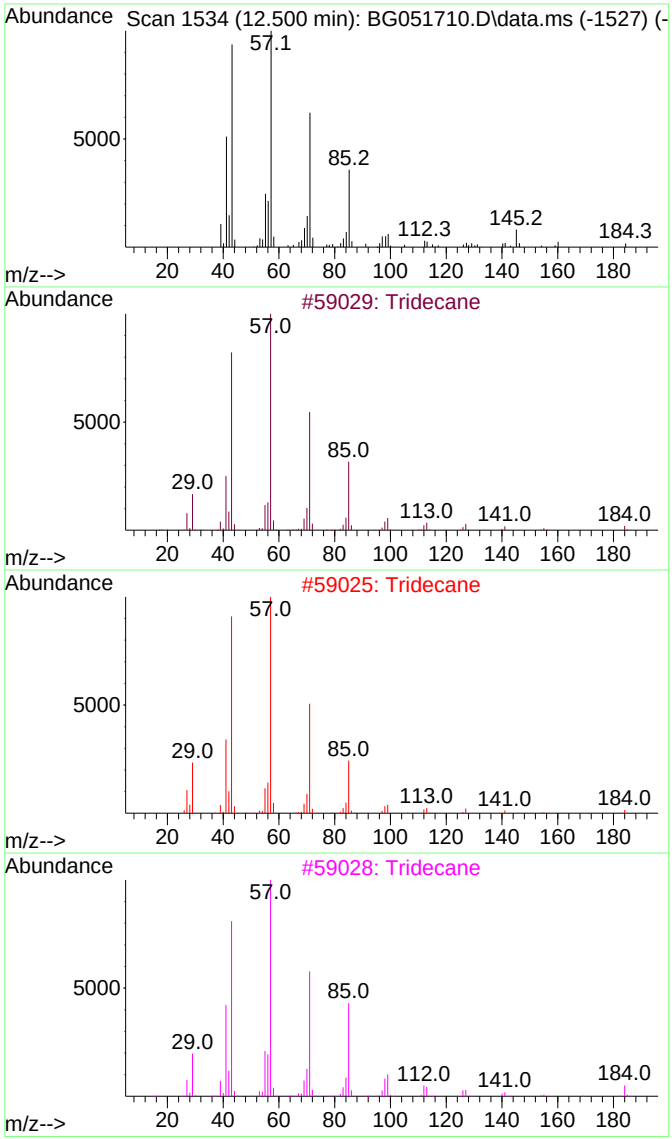
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

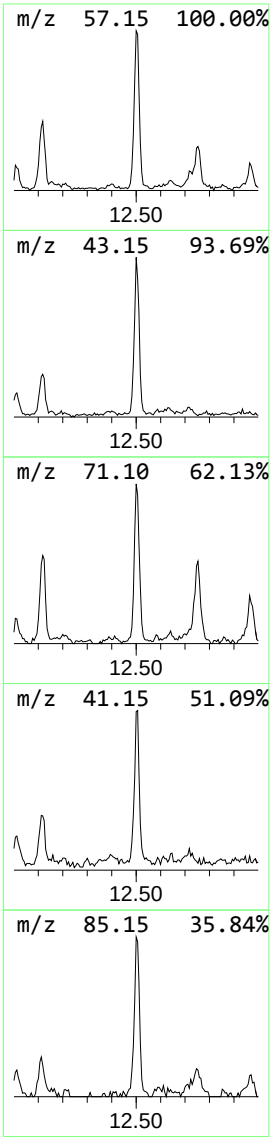
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.500 | 10.44 ng/ul | 191982 | Naphthalene-d8 | 11.108 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 87 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 87 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 87 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 86 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

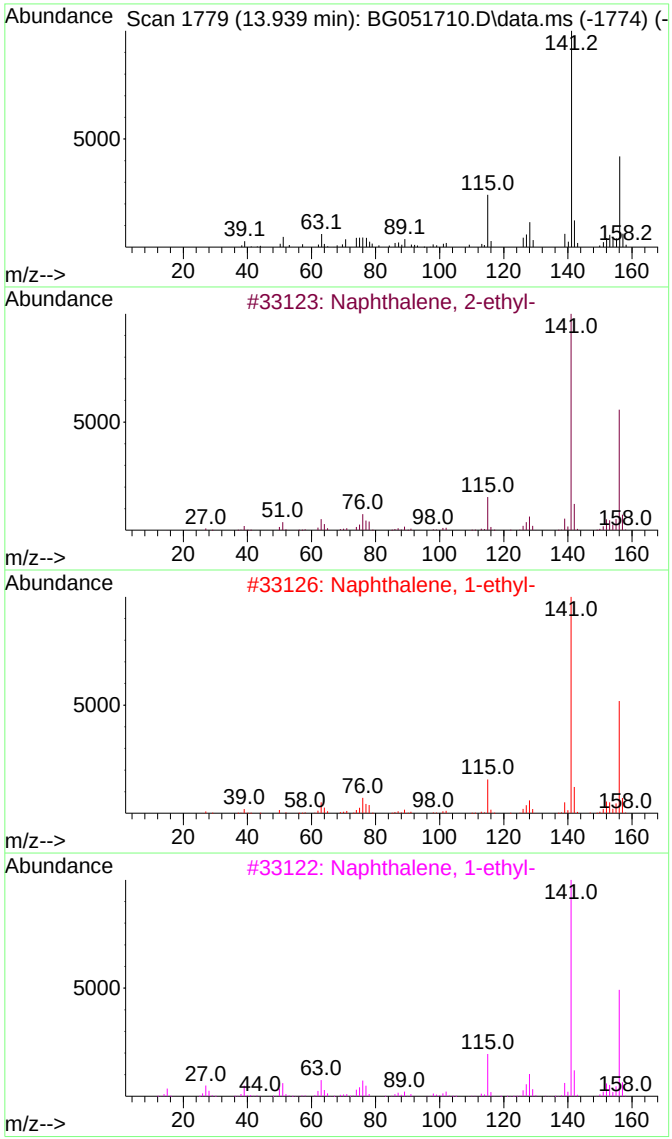
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

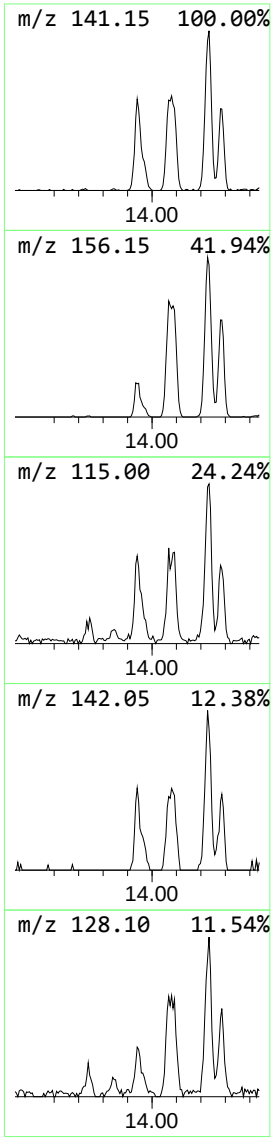
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 Naphthalene, 2-ethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.939 | 5.72 ng/ul | 145103 | Acenaphthene-d10 | 14.908 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 96 |
| 2 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 95 |
| 3 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 95 |
| 4 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 94 |
| 5 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

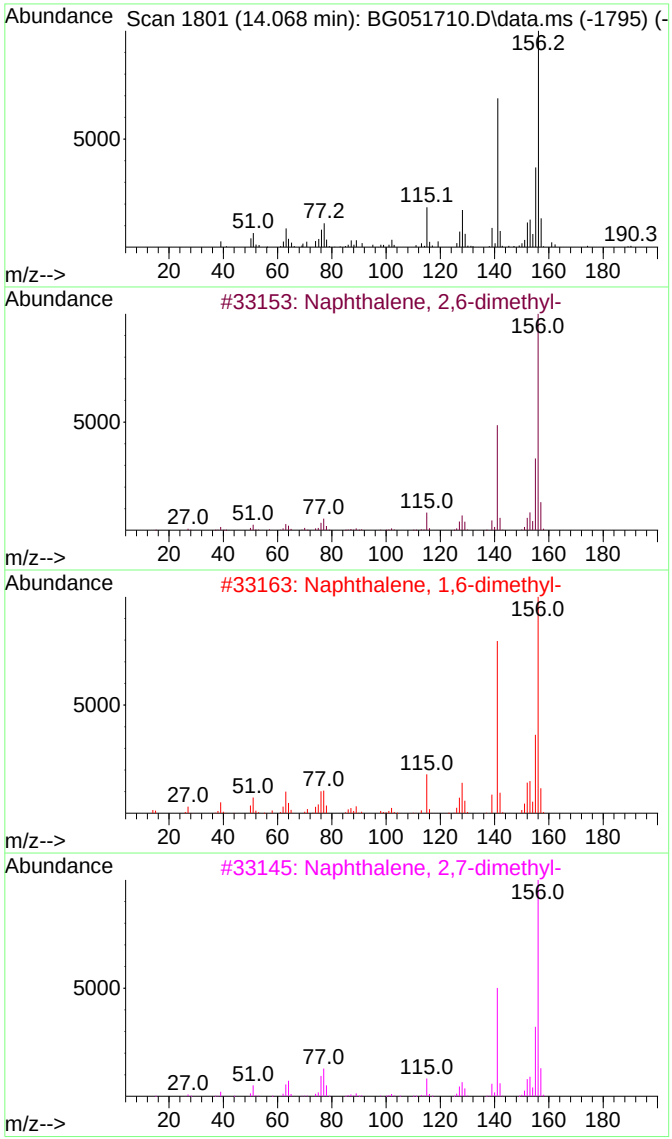
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

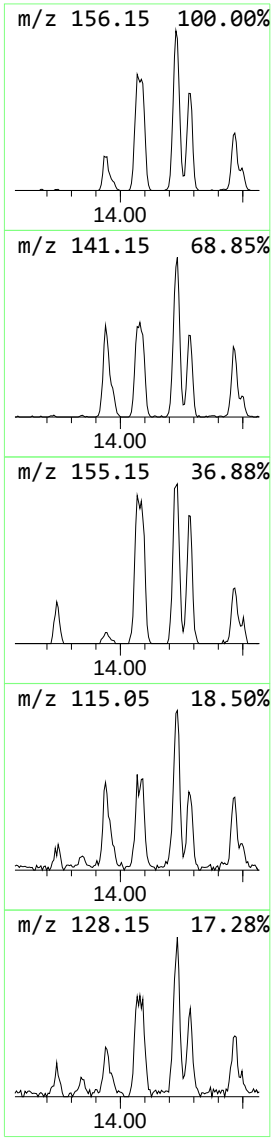
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 Naphthalene, 2,6-dimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.068 | 14.47 ng/ul | 367023 | Acenaphthene-d10 | 14.908 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 5 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

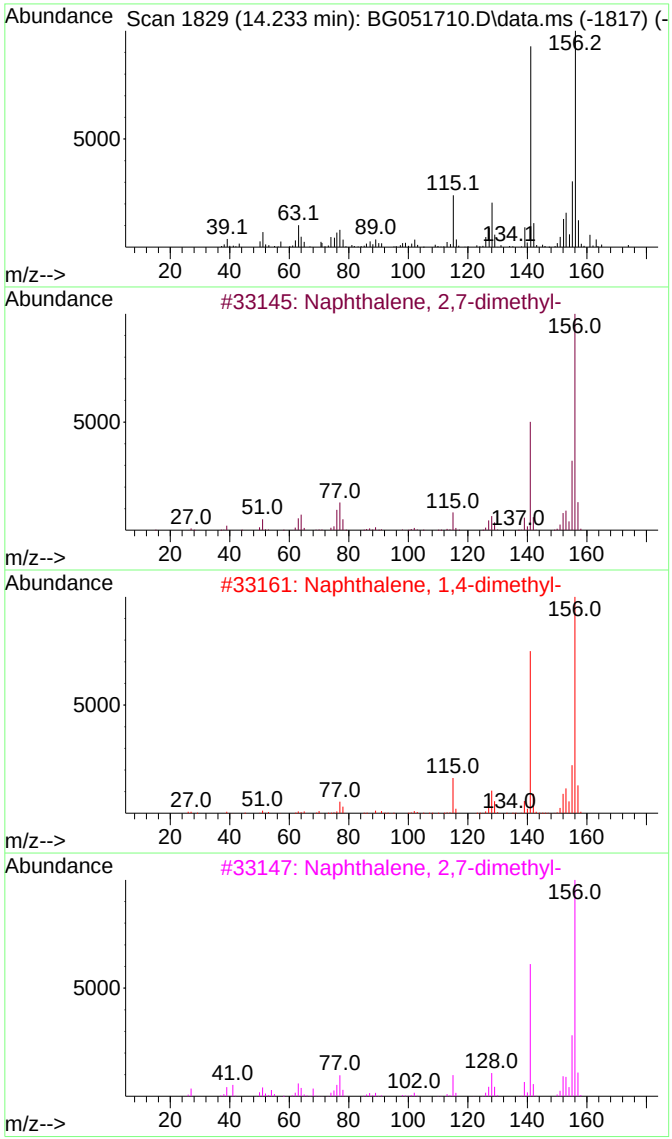
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

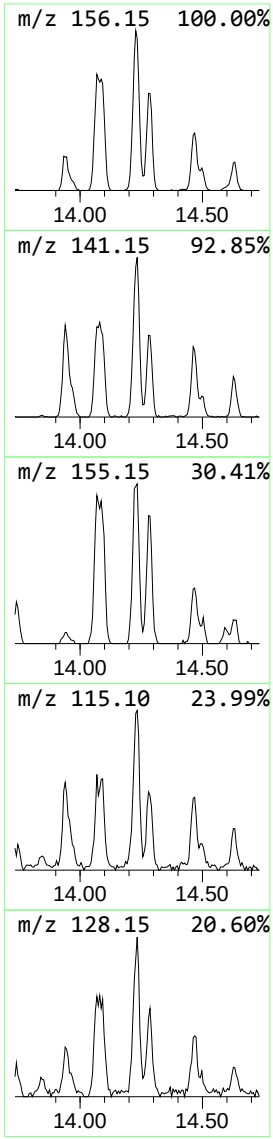
**********

Peak Number 35 Naphthalene, 2,7-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.233 | 15.78 ng/ul | 400252 | Acenaphthene-d10 | 14.908 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 2 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 95 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 4 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 94 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

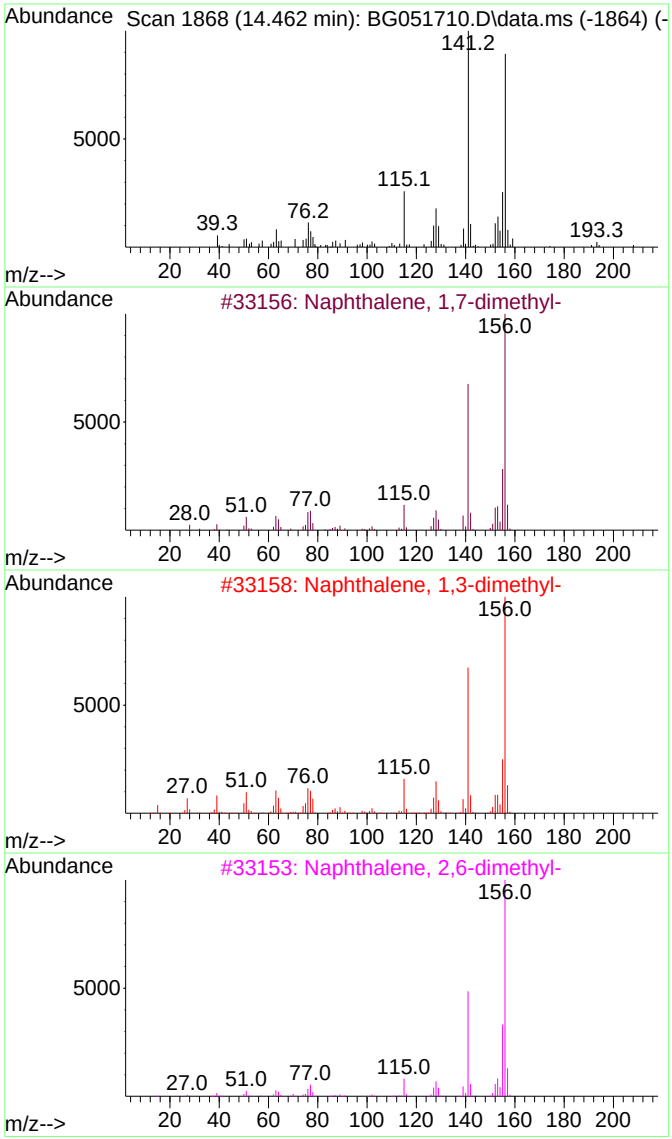
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

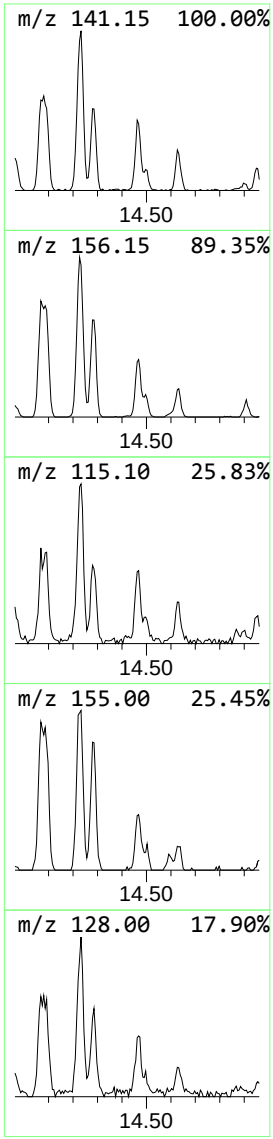
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 Naphthalene, 1,7-dimethyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.462 | 4.93 ng/ul | 125100 | Acenaphthene-d10 | 14.908 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 95 |
| 2 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 95 |
| 3 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 95 |
| 4 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 95 |
| 5 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

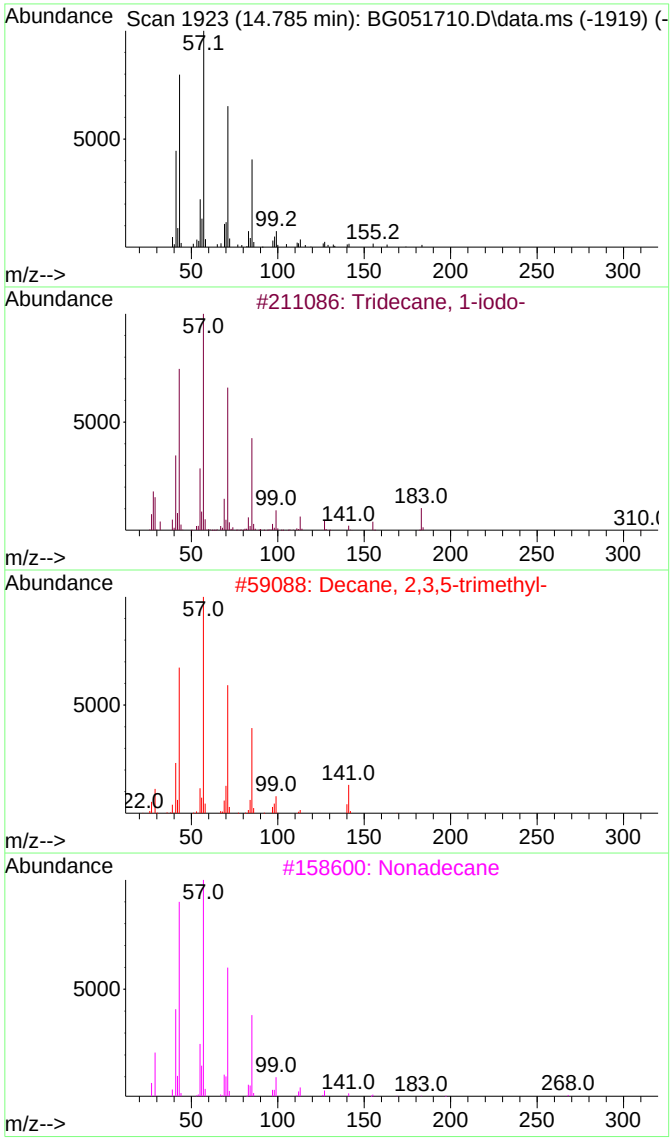
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

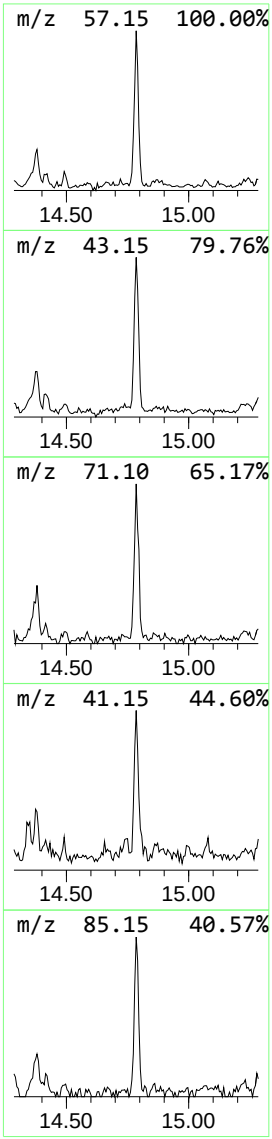
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 Tridecane, 1-iodo- Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.785 | 3.13 ng/ul | 79419 | Acenaphthene-d10 | 14.908 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 86 |
| 2 | Decane, 2,3,5-trimethyl- | 184 | C13H28 | 062238-11-3 | 83 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 80 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 80 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

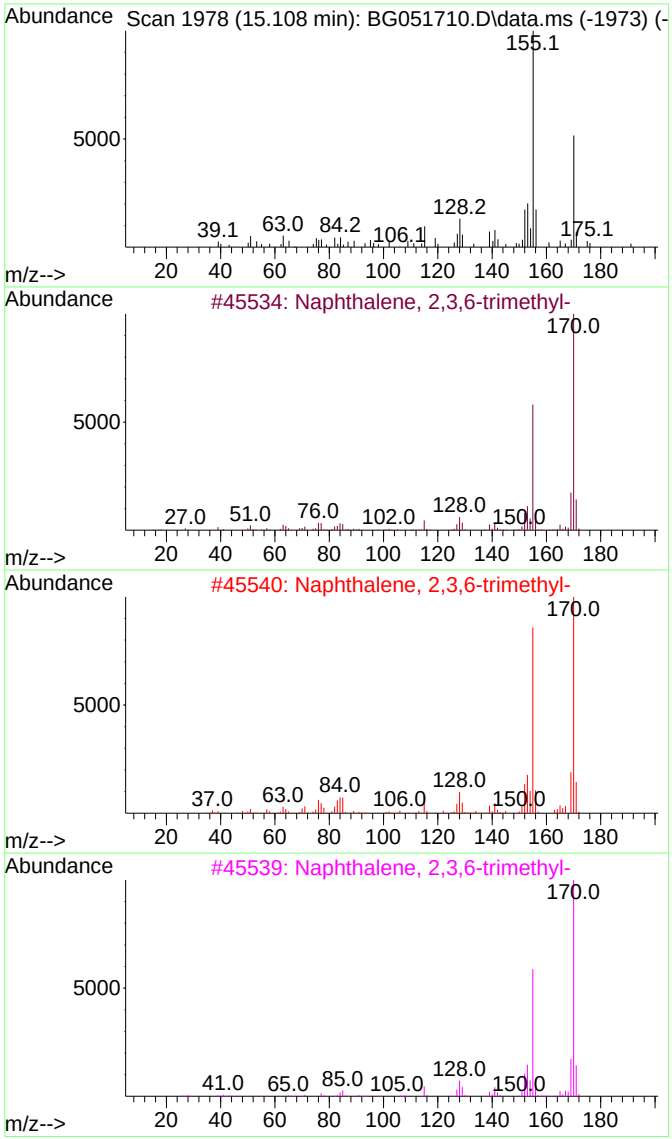
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

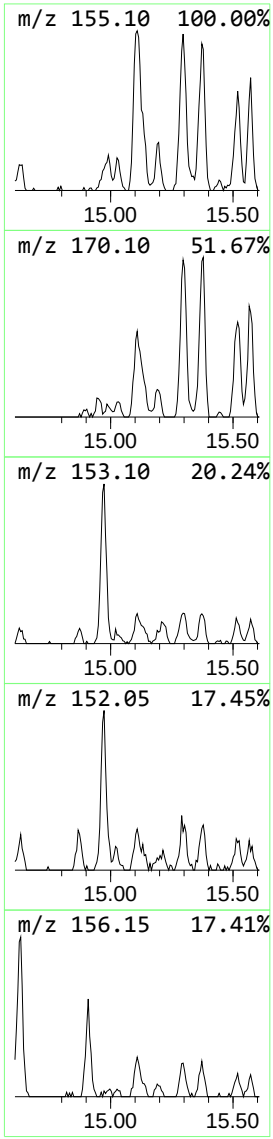
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 38 Naphthalene, 2,3,6-trimethyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.108 | 4.11 ng/ul | 104297 | Acenaphthene-d10 | 14.908 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 4 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 91 |
| 5 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

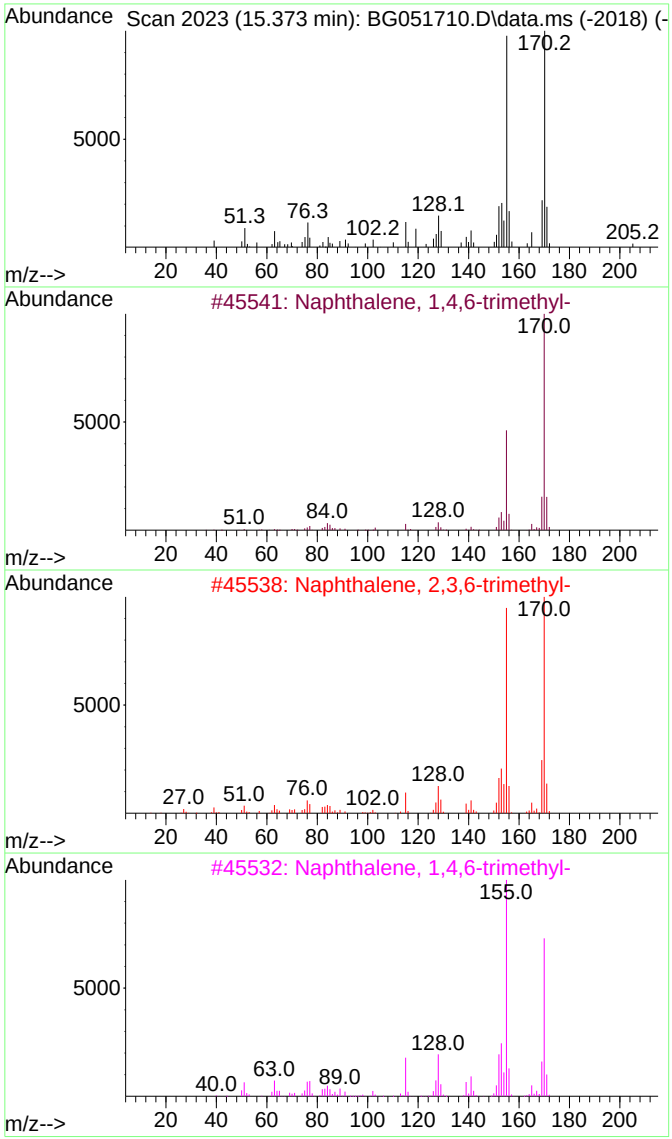
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

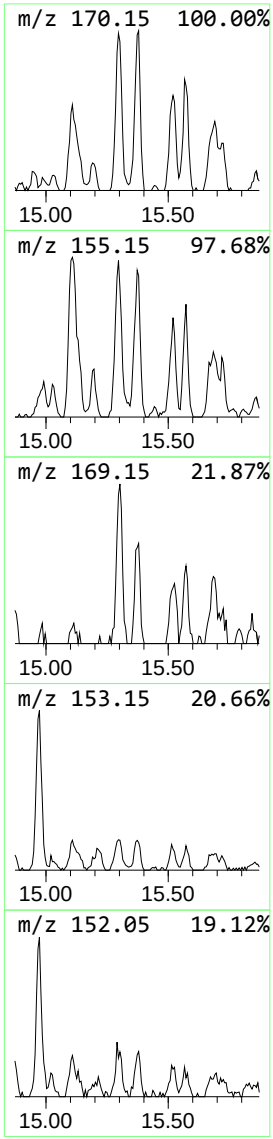
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 Naphthalene, 1,4,6-trimethyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.373 | 3.77 ng/ul | 95661 | Acenaphthene-d10 | 14.908 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 97 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 95 |
| 4 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 95 |
| 5 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

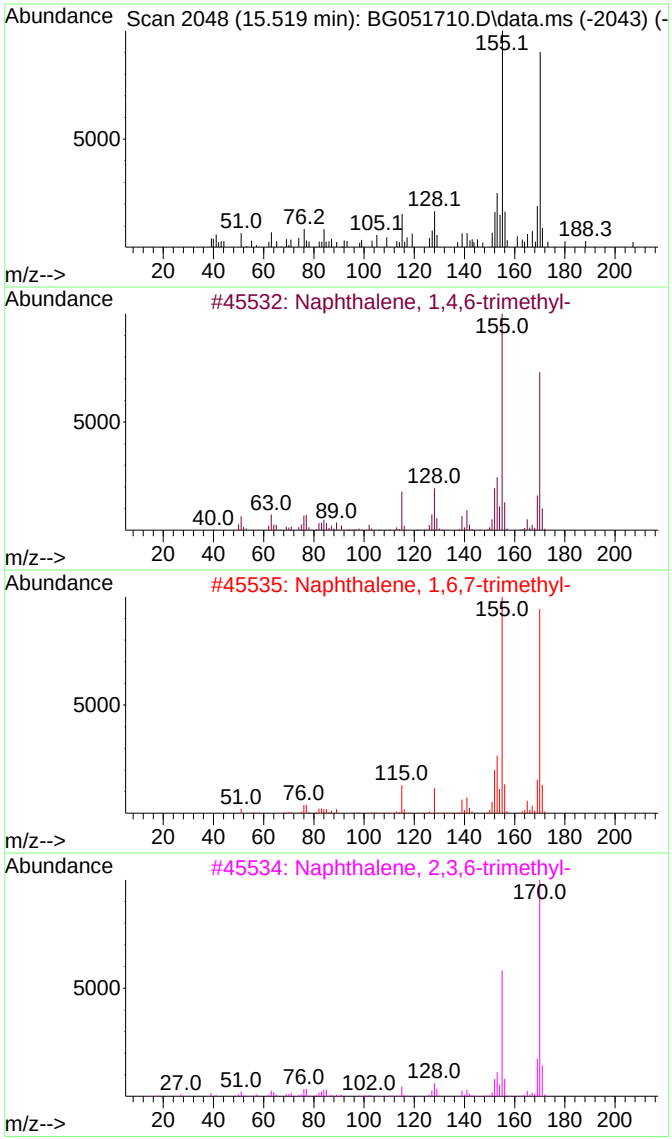
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

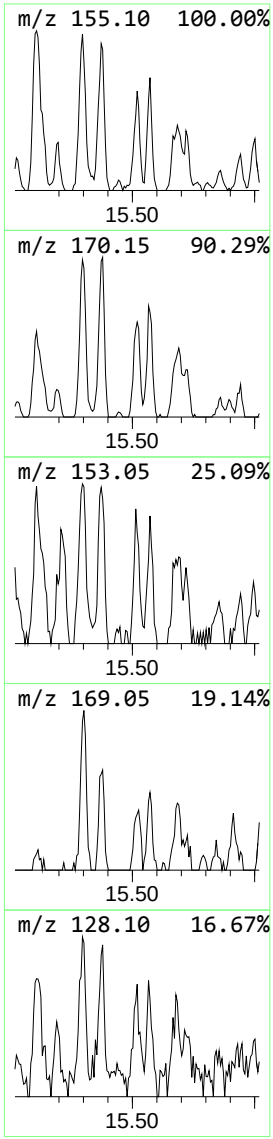
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 Naphthalene, 1,6,7-trimethyl- Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.519 | 2.46 ng/ul | 62362 | Acenaphthene-d10 | 14.908 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 95 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 4 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 94 |
| 5 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

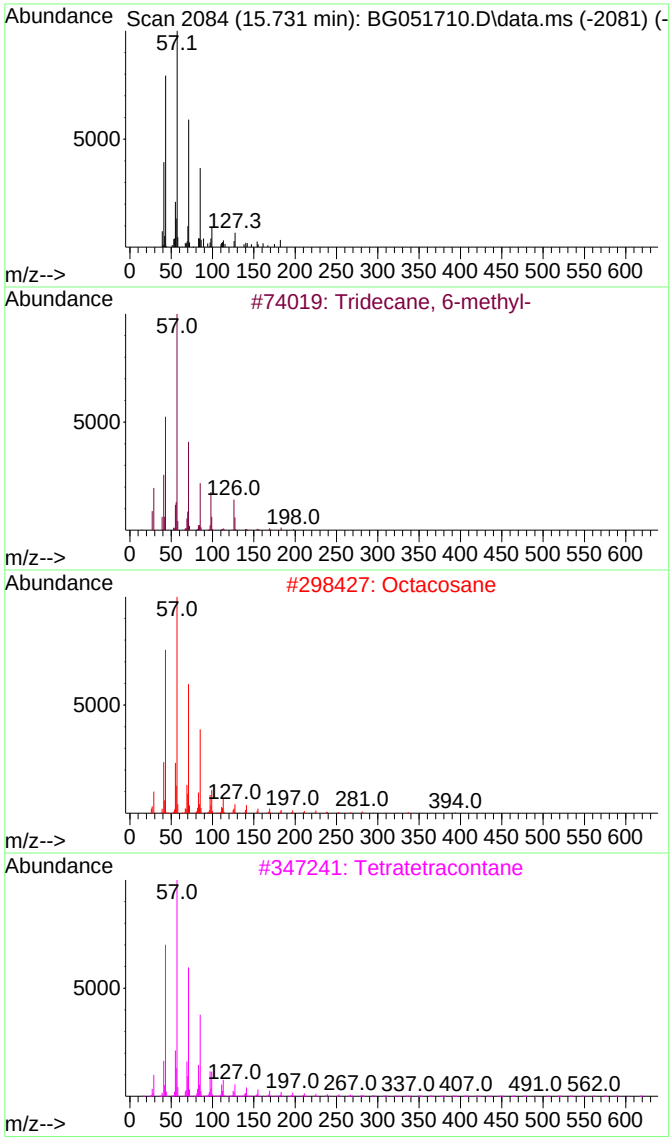
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

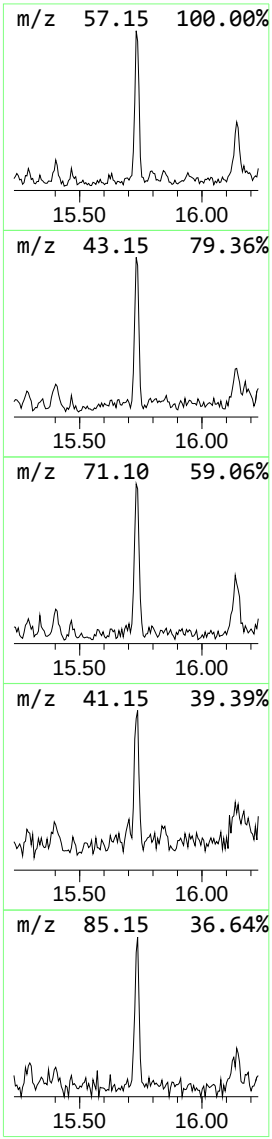
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.731 | 3.19 ng/ul | 80885 | Acenaphthene-d10 | 14.908 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 6-methyl- | 198 | C14H30 | 013287-21-3 | 72 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 72 |
| 3 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 72 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |
| 5 | Octane, 3,5-dimethyl- | 142 | C10H22 | 015869-93-9 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

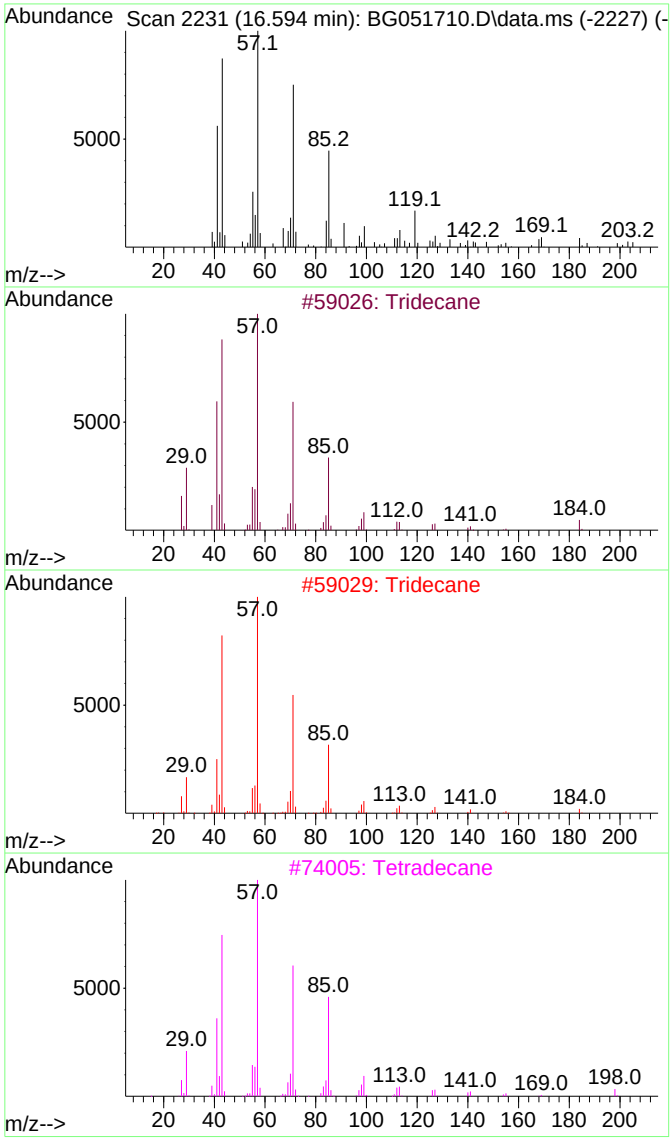
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

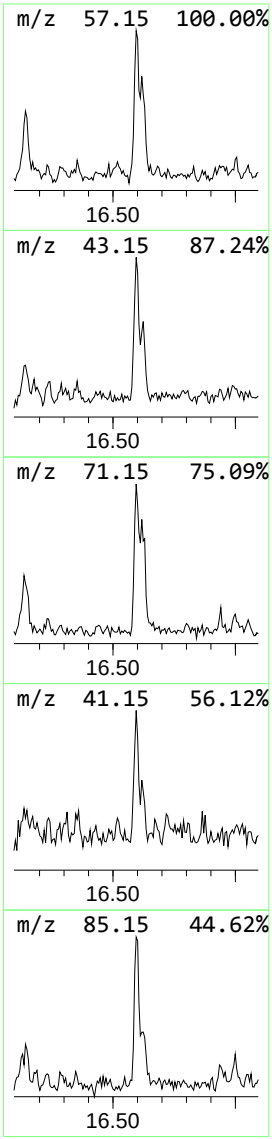
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.594 | 2.22 ng/ul | 69267 | Phenanthrene-d10 | 17.658 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 87 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 87 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 80 |
| 4 | Dodecane | 170 | C12H26 | 000112-40-3 | 80 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

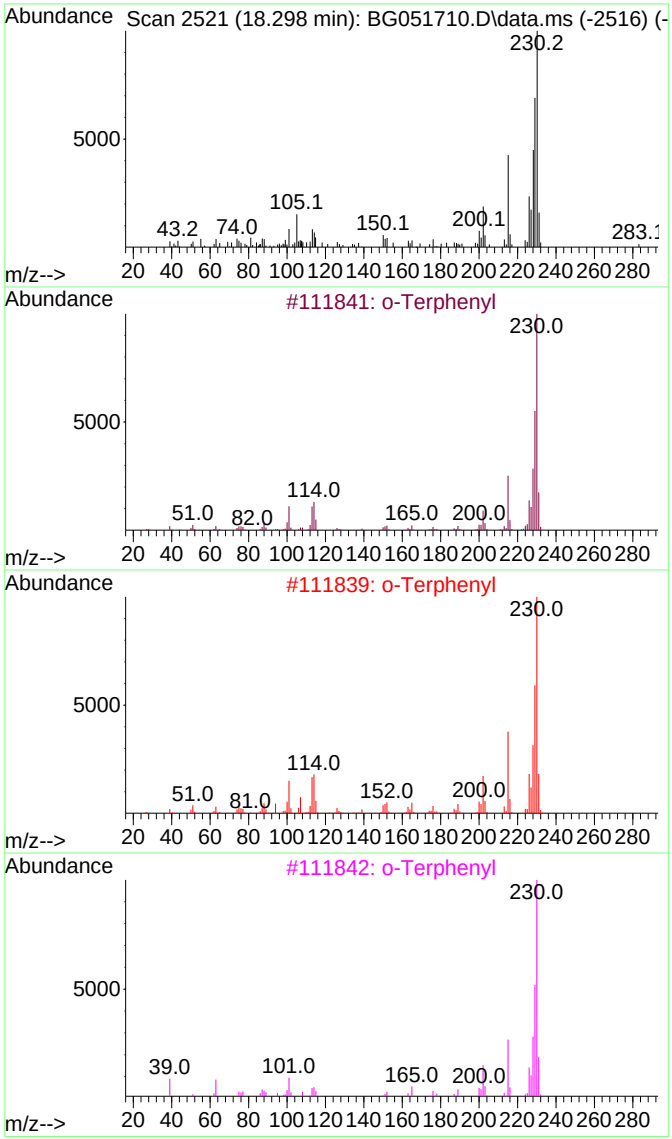
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

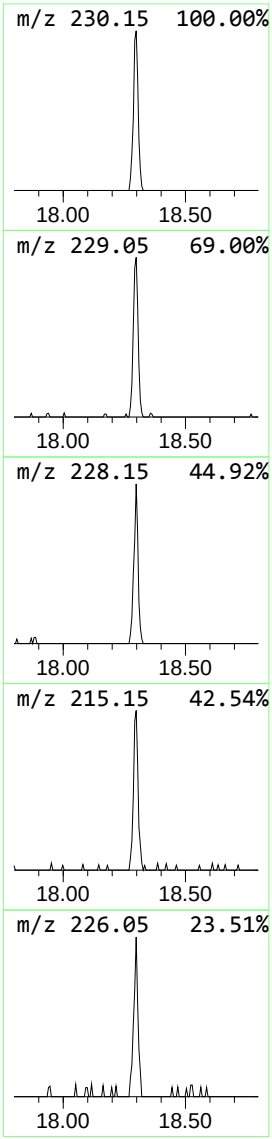
**********

Peak Number 44 o-Terphenyl Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.298 | 3.14 ng/ul | 97780 | Phenanthrene-d10 | 17.658 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Terphenyl | 230 | C18H14 | 000084-15-1 | 93 |
| 2 | o-Terphenyl | 230 | C18H14 | 000084-15-1 | 93 |
| 3 | o-Terphenyl | 230 | C18H14 | 000084-15-1 | 83 |
| 4 | 6,6-Diphenylfulvene | 230 | C18H14 | 002175-90-8 | 78 |
| 5 | o-Terphenyl | 230 | C18H14 | 000084-15-1 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

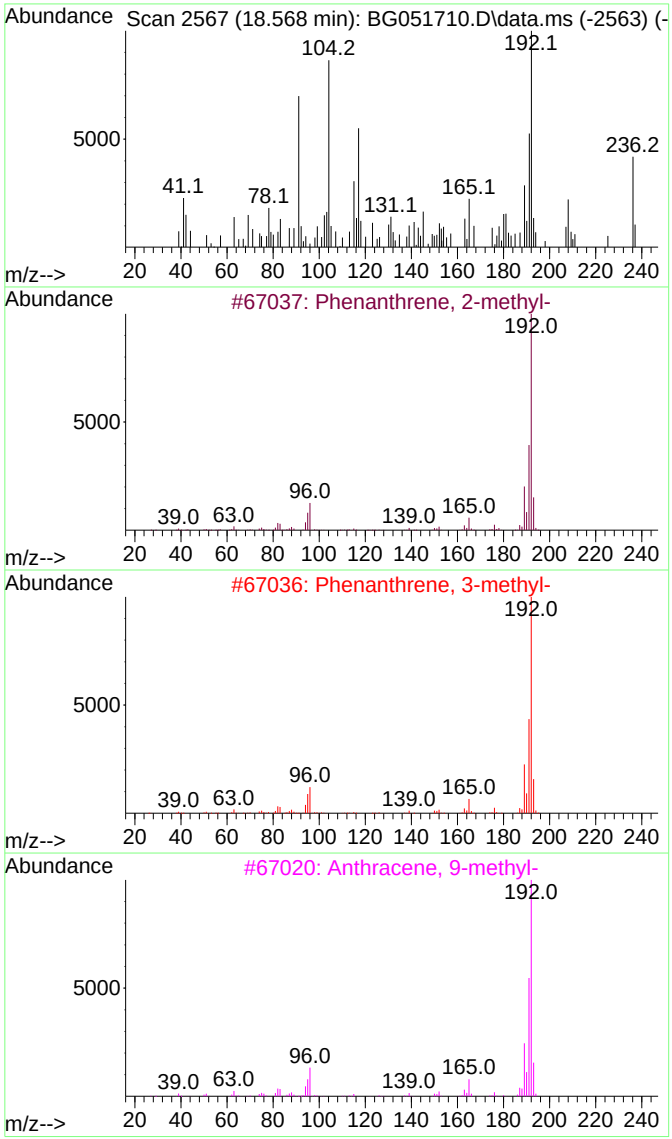
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

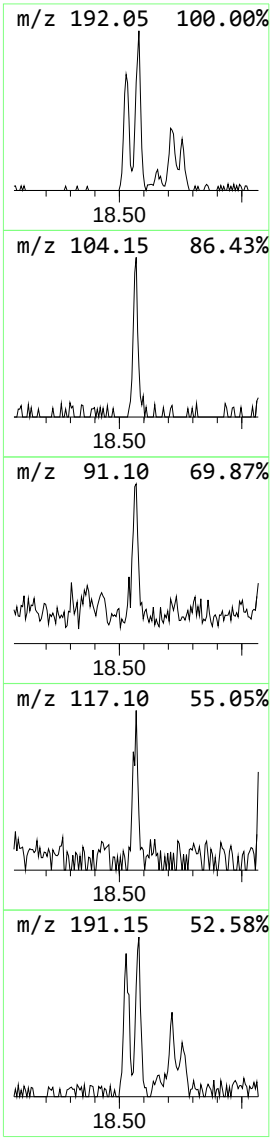
**********

Peak Number 45 unknown-03 Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.568 | 2.46 ng/ul | 76774 | Phenanthrene-d10 | 17.658 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 42 |
| 2 | Phenanthrene, 3-methyl- | 192 | C15H12 | 000832-71-3 | 42 |
| 3 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 42 |
| 4 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 38 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

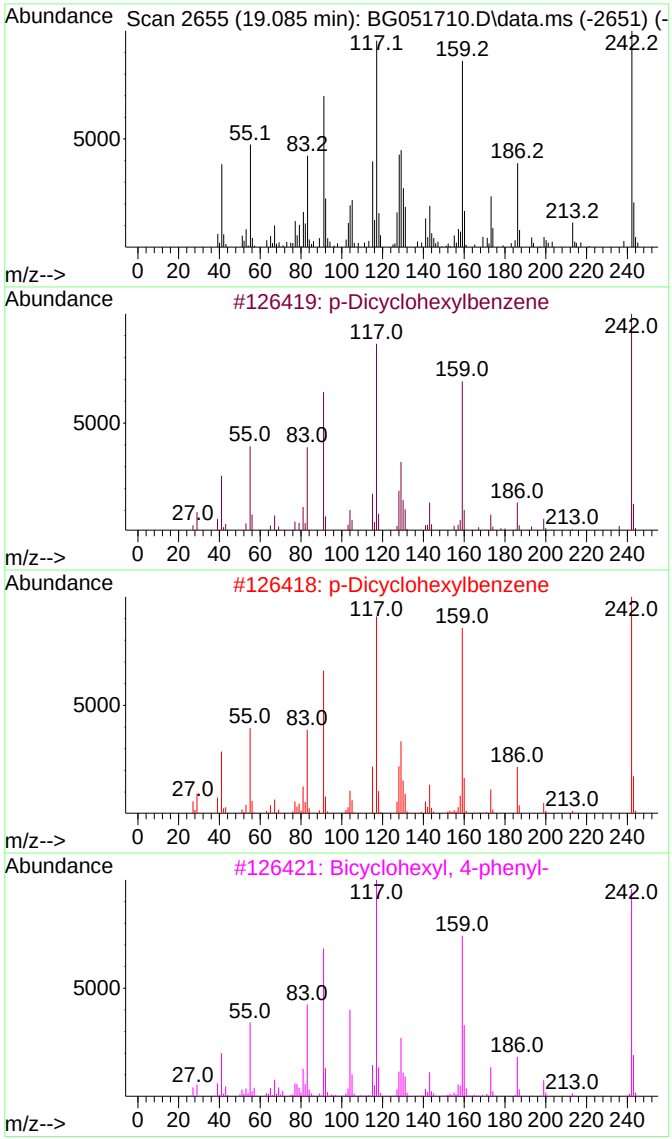
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

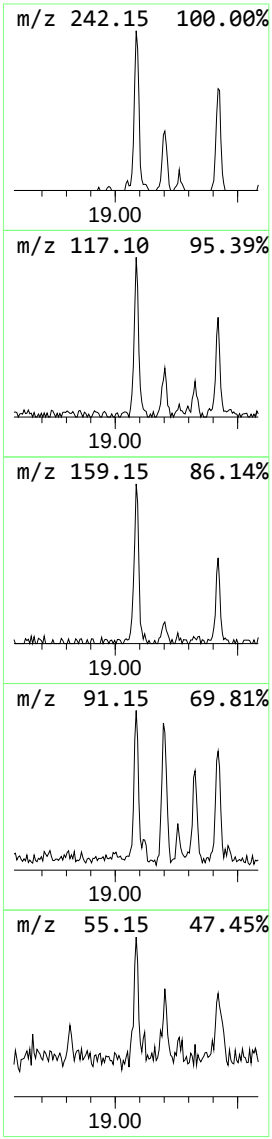
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 46 Bicyclohexyl, 4-phenyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.085 | 5.10 ng/ul | 158961 | Phenanthrene-d10 | 17.658 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Dicyclohexylbenzene | 242 | C18H26 | 001087-02-1 | 81 |
| 2 | p-Dicyclohexylbenzene | 242 | C18H26 | 001087-02-1 | 76 |
| 3 | Bicyclohexyl, 4-phenyl- | 242 | C18H26 | 020273-27-2 | 64 |
| 4 | p-Dicyclohexylbenzene | 242 | C18H26 | 001087-02-1 | 43 |
| 5 | 2-Phenylpropionic acid, 4'-(2-me... | 218 | C14H18O2 | 1010454-94-3 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

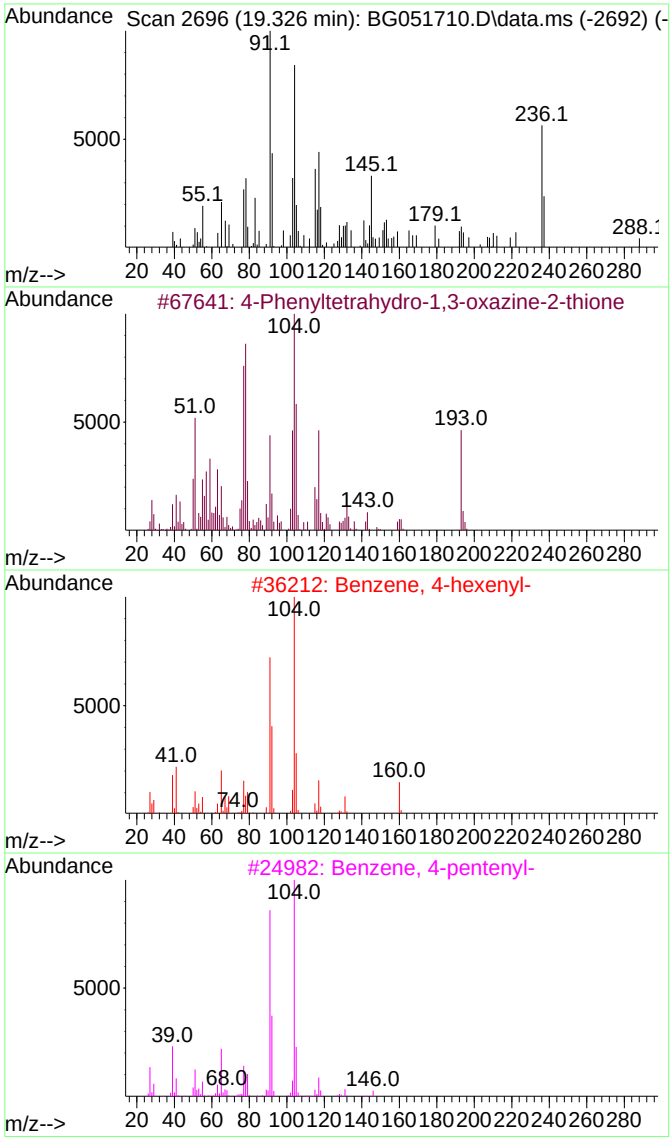
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

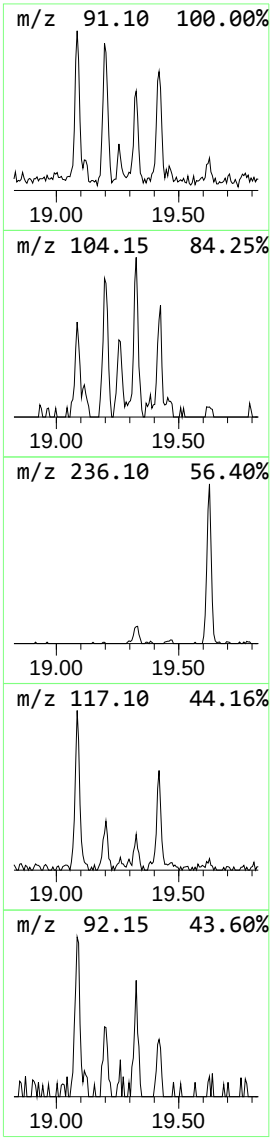
**********

Peak Number 47 unknown-04 Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.326 | 2.15 ng/ul | 67041 | Phenanthrene-d10 | 17.658 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Phenyltetrahydro-1,3-oxazine-2... | 193 | C10H11NOS | 086071-92-3 | 45 |
| 2 | Benzene, 4-hexenyl- | 160 | C12H16 | 023086-43-3 | 35 |
| 3 | Benzene, 4-pentenyl- | 146 | C11H14 | 001075-74-7 | 35 |
| 4 | Isoquinoline, 1,2,3,4-tetrahydro- | 133 | C9H11N | 000091-21-4 | 27 |
| 5 | Benzene, 4-pentenyl- | 146 | C11H14 | 001075-74-7 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

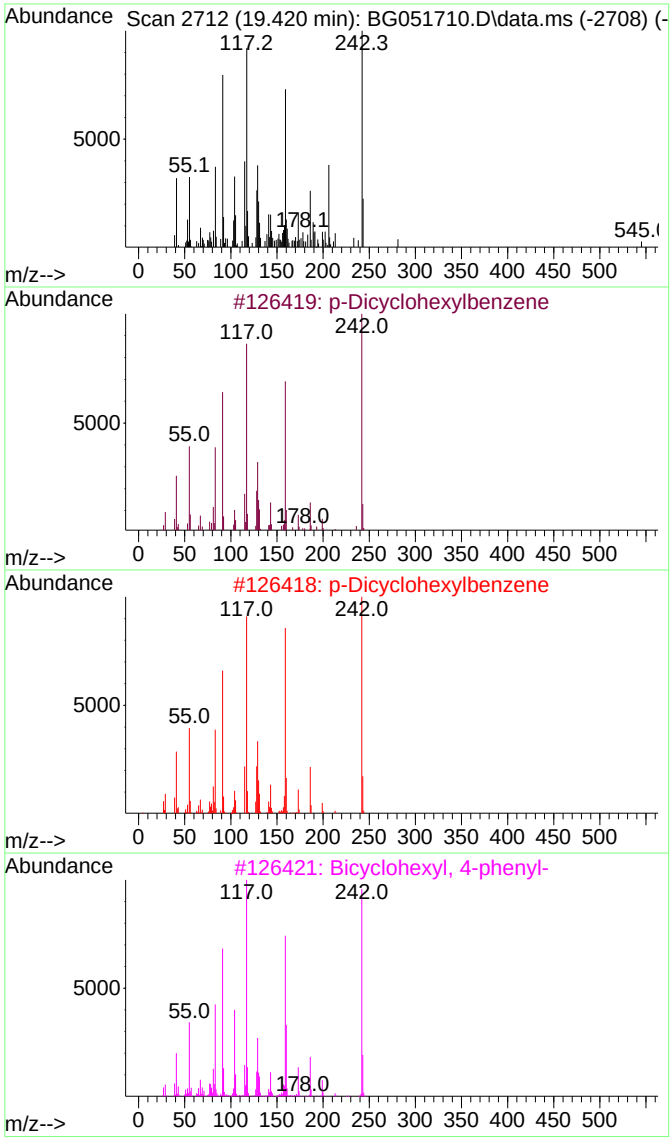
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

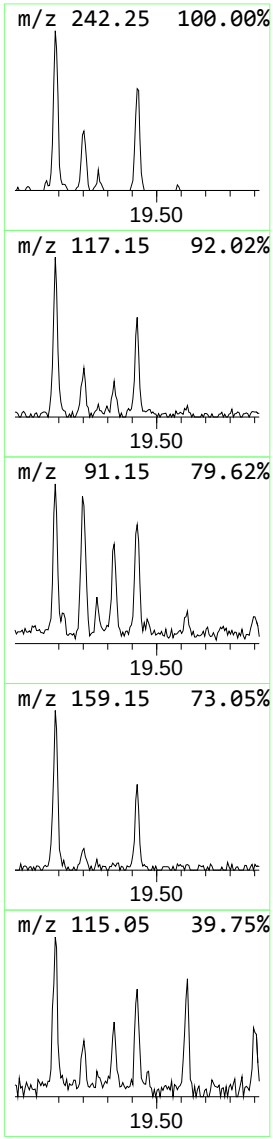
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 48 p-Dicyclohexylbenzene Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.420 | 3.49 ng/ul | 108798 | Phenanthrene-d10 | 17.658 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Dicyclohexylbenzene | 242 | C18H26 | 001087-02-1 | 98 |
| 2 | p-Dicyclohexylbenzene | 242 | C18H26 | 001087-02-1 | 97 |
| 3 | Bicyclohexyl, 4-phenyl- | 242 | C18H26 | 020273-27-2 | 89 |
| 4 | p-Dicyclohexylbenzene | 242 | C18H26 | 001087-02-1 | 64 |
| 5 | 1-(Trifluoromethylcyclopropyl)be... | 186 | C10H9F3 | 883547-73-7 | 20 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

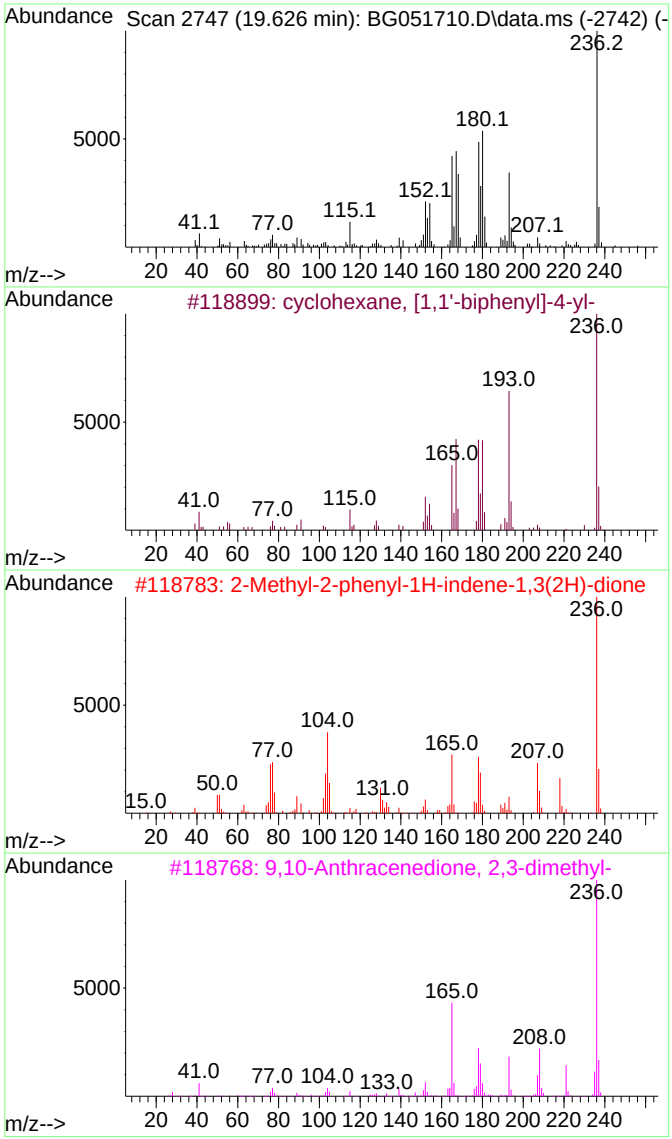
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

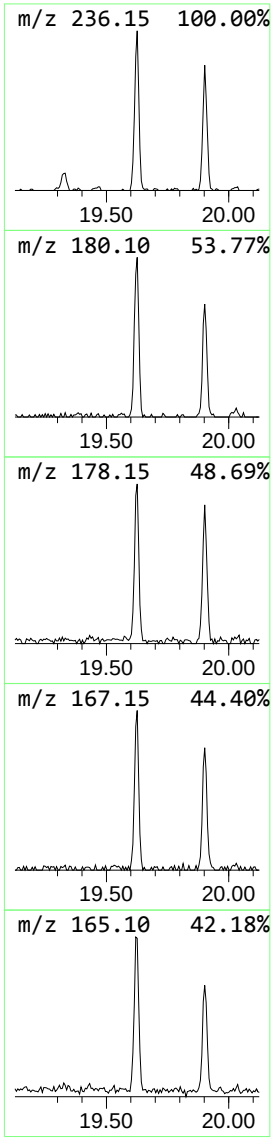
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 49 cyclohexane, [1,1'-biphenyl... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.626 | 6.37 ng/ul | 198490 | Phenanthrene-d10 | 17.658 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cyclohexane, [1,1'-biphenyl]-4-yl- | 236 | C18H20 | 1000401-12-4 | 94 |
| 2 | 2-Methyl-2-phenyl-1H-indene-1,3(... | 236 | C16H12O2 | 1010332-18-2 | 43 |
| 3 | 9,10-Anthracenedione, 2,3-dimethyl- | 236 | C16H12O2 | 006531-35-7 | 43 |
| 4 | 9,10-Anthracenedione, 2-ethyl- | 236 | C16H12O2 | 000084-51-5 | 38 |
| 5 | 9,10-Anthracenedione, 2-ethyl- | 236 | C16H12O2 | 000084-51-5 | 38 |



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Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

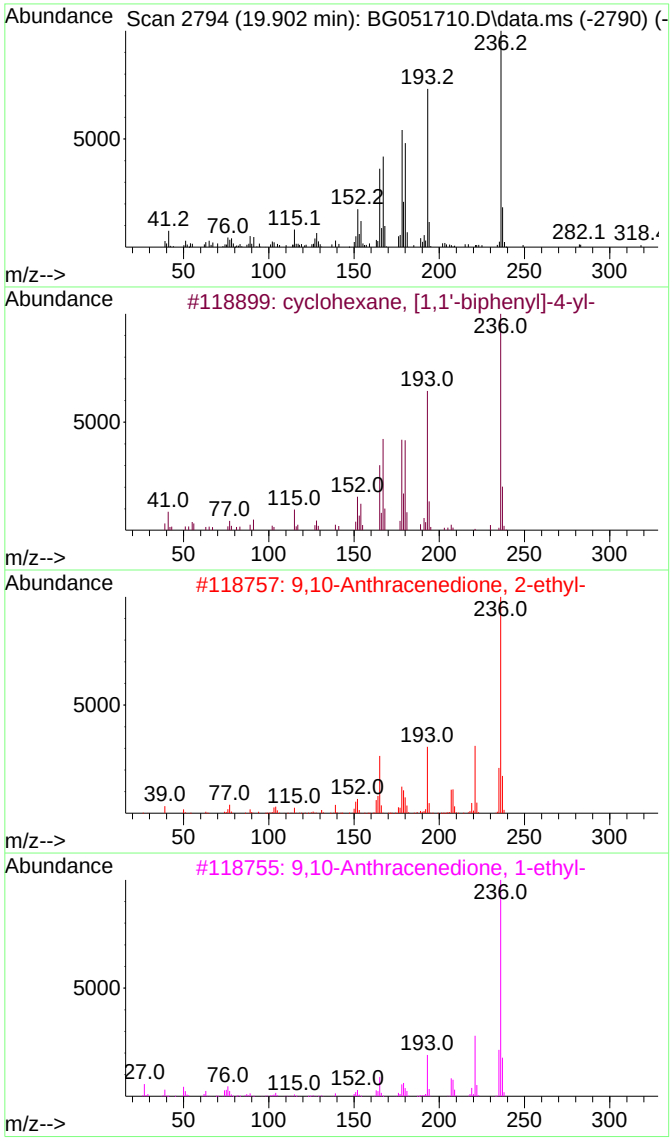
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

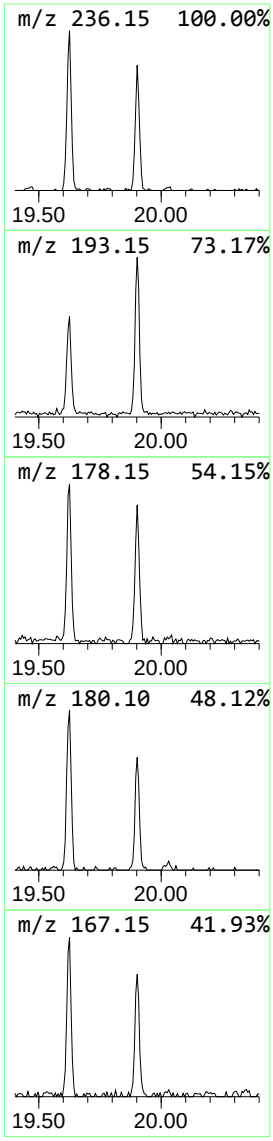
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 50 9,10-Anthracenedione, 2-ethyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.902 | 4.79 ng/ul | 153928 | Chrysene-d12 | 21.975 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cyclohexane, [1,1'-biphenyl]-4-yl- | 236 | C18H20 | 1000401-12-4 | 93 |
| 2 | 9,10-Anthracenedione, 2-ethyl- | 236 | C16H12O2 | 000084-51-5 | 58 |
| 3 | 9,10-Anthracenedione, 1-ethyl- | 236 | C16H12O2 | 024624-29-1 | 46 |
| 4 | 2-Methyl-2-phenyl-1H-indene-1,3(... | 236 | C16H12O2 | 1010332-18-2 | 41 |
| 5 | 4-Cyano-4'-methylbiphenyl | 193 | C14H11N | 050670-50-3 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

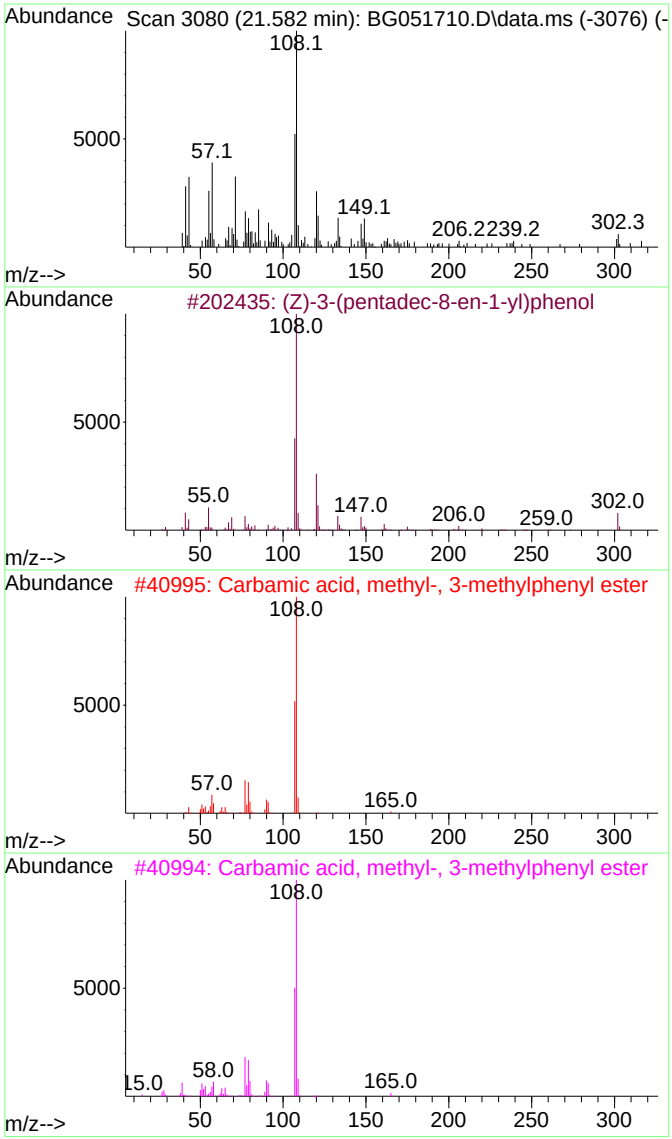
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

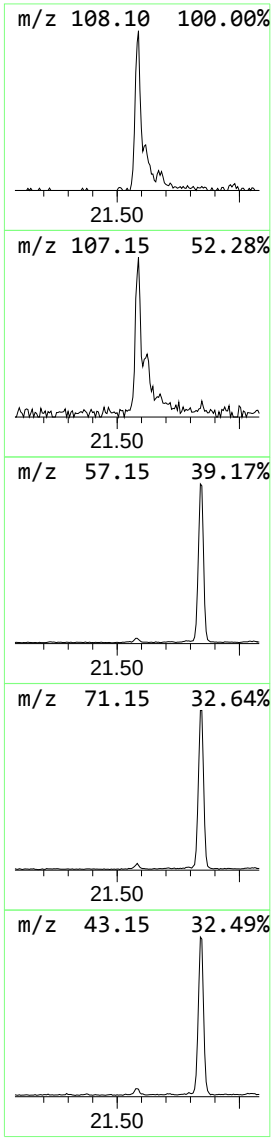
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 51 (Z)-3-(pentadec-8-en-1-yl)p... Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.582 | 4.08 ng/ul | 131114 | Chrysene-d12 | 21.975 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (Z)-3-(pentadec-8-en-1-yl)phenol | 302 | C21H34O | 000501-26-8 | 93 |
| 2 | Carbamic acid, methyl-, 3-methyl... | 165 | C9H11NO2 | 001129-41-5 | 64 |
| 3 | Carbamic acid, methyl-, 3-methyl... | 165 | C9H11NO2 | 001129-41-5 | 64 |
| 4 | Carbamic acid, methyl-, 3-methyl... | 165 | C9H11NO2 | 001129-41-5 | 64 |
| 5 | 4-Methylphenol, n-propyl ether | 150 | C10H14O | 1000395-16-2 | 58 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051710.D
Acq On : 21 Dec 2021 10:49
Operator : CG/JU
Sample : M5171-10DL 10X
Misc :
ALS Vial : 37 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.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 |
| Benzene, 1,3-di... | 5.874 | 14.9 | ng/ul | 207337 | 1 | 8.270 | 278443 | 20.0 |
| (DEL) Alkane: C... | 6.896 | 2.7 | ng/ul | 38185 | 1 | 8.270 | 278443 | 20.0 |
| Benzene, propyl- | 7.242 | 6.4 | ng/ul | 89266 | 1 | 8.270 | 278443 | 20.0 |
| Benzene, 1-ethy... | 7.348 | 10.8 | ng/ul | 150846 | 1 | 8.270 | 278443 | 20.0 |
| Benzene, 1,2,3-... | 7.483 | 7.7 | ng/ul | 107011 | 1 | 8.270 | 278443 | 20.0 |
| (DEL) Alkane: S... | 7.889 | 8.5 | ng/ul | 117894 | 1 | 8.270 | 278443 | 20.0 |
| (DEL) Alkane: C... | 8.570 | 2.1 | ng/ul | 29638 | 1 | 8.270 | 278443 | 20.0 |
| Indane | 8.652 | 4.7 | ng/ul | 65415 | 1 | 8.270 | 278443 | 20.0 |
| unknown-01 | 8.823 | 7.2 | ng/ul | 100655 | 1 | 8.270 | 278443 | 20.0 |
| (DEL) Alkane: S... | 9.040 | 3.2 | ng/ul | 44450 | 1 | 8.270 | 278443 | 20.0 |
| o-Cymene | 9.287 | 3.4 | ng/ul | 47799 | 1 | 8.270 | 278443 | 20.0 |
| (DEL) Alkane: S... | 9.510 | 13.2 | ng/ul | 183671 | 1 | 8.270 | 278443 | 20.0 |
| unknown-02 | 9.645 | 4.5 | ng/ul | 62628 | 1 | 8.270 | 278443 | 20.0 |
| Benzene, 1-ethy... | 9.980 | 4.1 | ng/ul | 75924 | 2 | 11.108 | 367819 | 20.0 |
| 3-Phenylbut-1-ene | 10.344 | 3.7 | ng/ul | 67397 | 2 | 11.108 | 367819 | 20.0 |
| (DEL) Alkane: S... | 10.438 | 2.6 | ng/ul | 48208 | 2 | 11.108 | 367819 | 20.0 |
| 2,4-Dimethylsty... | 10.509 | 6.4 | ng/ul | 118256 | 2 | 11.108 | 367819 | 20.0 |
| (DEL) Alkane: S... | 11.936 | 2.1 | ng/ul | 38226 | 2 | 11.108 | 367819 | 20.0 |
| 1H-Indene, 2,3-... | 12.018 | 4.3 | ng/ul | 78990 | 2 | 11.108 | 367819 | 20.0 |
| (DEL) Alkane: S... | 12.118 | 3.8 | ng/ul | 69236 | 2 | 11.108 | 367819 | 20.0 |
| (DEL) Alkane: S... | 12.500 | 10.4 | ng/ul | 191982 | 2 | 11.108 | 367819 | 20.0 |
| Naphthalene, 2-... | 13.939 | 5.7 | ng/ul | 145103 | 3 | 14.908 | 507247 | 20.0 |
| Naphthalene, 2,... | 14.068 | 14.5 | ng/ul | 367023 | 3 | 14.908 | 507247 | 20.0 |
| Naphthalene, 2,... | 14.233 | 15.8 | ng/ul | 400252 | 3 | 14.908 | 507247 | 20.0 |
| Naphthalene, 1,... | 14.462 | 4.9 | ng/ul | 125100 | 3 | 14.908 | 507247 | 20.0 |
| Tridecane, 1-iodo- | 14.785 | 3.1 | ng/ul | 79419 | 3 | 14.908 | 507247 | 20.0 |
| Naphthalene, 2,... | 15.108 | 4.1 | ng/ul | 104297 | 3 | 14.908 | 507247 | 20.0 |
| Naphthalene, 1,... | 15.373 | 3.8 | ng/ul | 95661 | 3 | 14.908 | 507247 | 20.0 |
| Naphthalene, 1,... | 15.519 | 2.5 | ng/ul | 62362 | 3 | 14.908 | 507247 | 20.0 |
| (DEL) Alkane: S... | 15.731 | 3.2 | ng/ul | 80885 | 3 | 14.908 | 507247 | 20.0 |
| (DEL) Alkane: S... | 16.594 | 2.2 | ng/ul | 69267 | 4 | 17.658 | 623382 | 20.0 |
| o-Terphenyl | 18.298 | 3.1 | ng/ul | 97780 | 4 | 17.658 | 623382 | 20.0 |
| unknown-03 | 18.568 | 2.5 | ng/ul | 76774 | 4 | 17.658 | 623382 | 20.0 |
| Bicyclohexyl, 4... | 19.085 | 5.1 | ng/ul | 158961 | 4 | 17.658 | 623382 | 20.0 |
| unknown-04 | 19.326 | 2.1 | ng/ul | 67041 | 4 | 17.658 | 623382 | 20.0 |
| p-Dicyclohexylb... | 19.420 | 3.5 | ng/ul | 108798 | 4 | 17.658 | 623382 | 20.0 |
| cyclohexane, [1... | 19.626 | 6.4 | ng/ul | 198490 | 4 | 17.658 | 623382 | 20.0 |
| 9,10-Anthracene... | 19.902 | 4.8 | ng/ul | 153928 | 5 | 21.975 | 642099 | 20.0 |
| (Z)-3-(pentadec... | 21.582 | 4.1 | ng/ul | 131114 | 5 | 21.975 | 642099 | 20.0 |