LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

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-BG110321.M
Title : SVOA CALIBRATION

Signal : TIC: BG050948.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.023 | 86 | 91 | 100 | rBV | 28305 | 56373 | 1.54% | 0.110% |
| 2 | 5.703 | 371 | 377 | 386 | rVB | 28430 | 46106 | 1.26% | 0.090% |
| 3 | 5.838 | 394 | 400 | 411 | rVB | 65360 | 143194 | 3.90% | 0.281% |
| 4 | 6.214 | 458 | 464 | 472 | rVB | 30437 | 49919 | 1.36% | 0.098% |
| 5 | 7.372 | 654 | 661 | 668 | rBV | 87283 | 166501 | 4.54% | 0.326% |
| 6 | 7.542 | 683 | 690 | 698 | rVV | 71595 | 123371 | 3.36% | 0.242% |
| 7 | 7.753 | 719 | 726 | 733 | rBV | 85871 | 150727 | 4.11% | 0.295% |
| 8 | 8.229 | 800 | 807 | 811 | rBV | 144960 | 276042 | 7.52% | 0.541% |
| 9 | 8.265 | 811 | 813 | 820 | rVB | 67116 | 88239 | 2.40% | 0.173% |
| 10 | 8.923 | 919 | 925 | 938 | rVV | 95789 | 177166 | 4.83% | 0.347% |
| 11 | 9.399 | 998 | 1006 | 1011 | rBV | 86243 | 168222 | 4.58% | 0.330% |
| 12 | 10.127 | 1122 | 1130 | 1138 | rBV2 | 108780 | 213541 | 5.82% | 0.419% |
| 13 | 10.668 | 1215 | 1222 | 1230 | rBV | 93745 | 180622 | 4.92% | 0.354% |
| 14 | 10.991 | 1270 | 1277 | 1281 | rVV | 93041 | 149523 | 4.07% | 0.293% |
| 15 | 11.050 | 1281 | 1287 | 1292 | rVV | 201581 | 386539 | 10.53% | 0.758% |
| 16 | 11.102 | 1292 | 1296 | 1303 | rVV | 103209 | 178887 | 4.87% | 0.351% |
| 17 | 11.185 | 1303 | 1310 | 1318 | rVV2 | 105442 | 211044 | 5.75% | 0.414% |
| 18 | 12.031 | 1447 | 1454 | 1459 | rVV | 41482 | 70742 | 1.93% | 0.139% |
| 19 | 12.424 | 1515 | 1521 | 1529 | rBV | 174753 | 269751 | 7.35% | 0.529% |
| 20 | 12.689 | 1561 | 1566 | 1574 | rVB | 196814 | 332821 | 9.07% | 0.652% |
| 21 | 12.906 | 1597 | 1603 | 1610 | rVB | 138874 | 232071 | 6.32% | 0.455% |
| 22 | 13.359 | 1676 | 1680 | 1684 | rVV | 40997 | 63659 | 1.73% | 0.125% |
| 23 | 13.406 | 1684 | 1688 | 1700 | rVV2 | 28486 | 72336 | 1.97% | 0.142% |
| 24 | 13.647 | 1723 | 1729 | 1733 | rBV | 194060 | 284481 | 7.75% | 0.558% |
| 25 | 13.882 | 1763 | 1769 | 1778 | rVB | 78391 | 160096 | 4.36% | 0.314% |
| 26 | 14.169 | 1811 | 1818 | 1823 | rBV | 324274 | 604125 | 16.46% | 1.184% |
| 27 | 14.228 | 1823 | 1828 | 1837 | rVV2 | 270093 | 592529 | 16.14% | 1.161% |
| 28 | 14.299 | 1837 | 1840 | 1844 | rVB2 | 64659 | 83131 | 2.26% | 0.163% |
| 29 | 14.404 | 1852 | 1858 | 1862 | rBV | 182683 | 314941 | 8.58% | 0.617% |
| 30 | 14.545 | 1876 | 1882 | 1895 | rVB2 | 235395 | 570889 | 15.55% | 1.119% |
| 31 | 14.675 | 1895 | 1904 | 1906 | rBV3 | 28945 | 53735 | 1.46% | 0.105% |
| 32 | 14.710 | 1906 | 1910 | 1919 | rVB | 260810 | 350939 | 9.56% | 0.688% |
| 33 | 14.810 | 1920 | 1927 | 1929 | rBV4 | 73049 | 126562 | 3.45% | 0.248% |
| 34 | 14.851 | 1929 | 1934 | 1939 | rVV | 306069 | 512277 | 13.96% | 1.004% |
| 35 | 14.921 | 1939 | 1946 | 1951 | rVV5 | 78200 | 164222 | 4.47% | 0.322% |
| 36 | 14.969 | 1951 | 1954 | 1961 | rVB2 | 35282 | 57932 | 1.58% | 0.114% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

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-BG110321.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.045 | 1961 | 1967 | 1977 | rBV2 | 194401 | 486827 | 13.26% | 0.954% |
| 38 | 15.133 | 1977 | 1982 | 1991 | rBV5 | 56801 | 140149 | 3.82% | 0.275% |
| 39 | 15.239 | 1992 | 2000 | 2007 | rVV | 271775 | 529375 | 14.42% | 1.038% |
| 40 | 15.315 | 2007 | 2013 | 2022 | rVB2 | 292007 | 493823 | 13.45% | 0.968% |
| 41 | 15.456 | 2031 | 2037 | 2042 | rBV | 199070 | 357162 | 9.73% | 0.700% |
| 42 | 15.509 | 2042 | 2046 | 2050 | rVB | 197868 | 268988 | 7.33% | 0.527% |
| 43 | 15.627 | 2058 | 2066 | 2068 | rBV2 | 173640 | 374790 | 10.21% | 0.735% |
| 44 | 15.662 | 2068 | 2072 | 2077 | rVB | 613968 | 815193 | 22.21% | 1.598% |
| 45 | 15.715 | 2077 | 2081 | 2085 | rBV5 | 26773 | 47537 | 1.30% | 0.093% |
| 46 | 15.768 | 2086 | 2090 | 2091 | rBV3 | 36694 | 47453 | 1.29% | 0.093% |
| 47 | 15.838 | 2097 | 2102 | 2106 | rVV2 | 257145 | 389400 | 10.61% | 0.763% |
| 48 | 15.885 | 2106 | 2110 | 2116 | rVV4 | 78308 | 145719 | 3.97% | 0.286% |
| 49 | 16.061 | 2134 | 2140 | 2144 | rBV | 275121 | 459635 | 12.52% | 0.901% |
| 50 | 16.155 | 2152 | 2156 | 2160 | rBV3 | 85848 | 153150 | 4.17% | 0.300% |
| 51 | 16.285 | 2174 | 2178 | 2183 | rBV2 | 112323 | 159504 | 4.35% | 0.313% |
| 52 | 16.332 | 2183 | 2186 | 2189 | rBV2 | 41242 | 50031 | 1.36% | 0.098% |
| 53 | 16.396 | 2194 | 2197 | 2205 | rVB3 | 52178 | 94553 | 2.58% | 0.185% |
| 54 | 16.520 | 2213 | 2218 | 2221 | rBV | 1257711 | 2021550 | 55.07% | 3.962% |
| 55 | 16.649 | 2237 | 2240 | 2243 | rBV2 | 58443 | 81672 | 2.22% | 0.160% |
| 56 | 16.690 | 2243 | 2247 | 2251 | rVB3 | 79117 | 112768 | 3.07% | 0.221% |
| 57 | 16.737 | 2252 | 2255 | 2259 | rBV4 | 35271 | 66991 | 1.82% | 0.131% |
| 58 | 16.866 | 2272 | 2277 | 2279 | rBV3 | 128663 | 219412 | 5.98% | 0.430% |
| 59 | 16.925 | 2284 | 2287 | 2293 | rVV3 | 113885 | 191064 | 5.21% | 0.374% |
| 60 | 16.978 | 2293 | 2296 | 2300 | rVB4 | 86881 | 100360 | 2.73% | 0.197% |
| 61 | 17.031 | 2301 | 2305 | 2310 | rVB2 | 169532 | 250222 | 6.82% | 0.490% |
| 62 | 17.095 | 2311 | 2316 | 2319 | rBV2 | 145190 | 248529 | 6.77% | 0.487% |
| 63 | 17.137 | 2320 | 2323 | 2326 | rVV | 110223 | 125825 | 3.43% | 0.247% |
| 64 | 17.319 | 2348 | 2354 | 2358 | rBV | 1913429 | 2573246 | 70.10% | 5.044% |
| 65 | 17.366 | 2358 | 2362 | 2367 | rVB | 1012123 | 1395874 | 38.03% | 2.736% |
| 66 | 17.560 | 2392 | 2395 | 2397 | rBV2 | 74691 | 99642 | 2.71% | 0.195% |
| 67 | 17.595 | 2397 | 2401 | 2405 | rBV | 352255 | 582265 | 15.86% | 1.141% |
| 68 | 17.689 | 2414 | 2417 | 2423 | rVB2 | 340523 | 523562 | 14.26% | 1.026% |
| 69 | 17.742 | 2423 | 2426 | 2429 | rBV | 99073 | 142032 | 3.87% | 0.278% |
| 70 | 17.789 | 2430 | 2434 | 2441 | rVV | 303438 | 424983 | 11.58% | 0.833% |
| 71 | 17.853 | 2442 | 2445 | 2453 | rVB4 | 240452 | 449457 | 12.24% | 0.881% |
| 72 | 17.930 | 2454 | 2458 | 2461 | rVV2 | 191204 | 268619 | 7.32% | 0.527% |
| 73 | 17.971 | 2461 | 2465 | 2471 | rVV | 453985 | 781597 | 21.29% | 1.532% |
| 74 | 18.059 | 2475 | 2480 | 2486 | rVB | 2816530 | 3670747 | 100.00% | 7.195% |
| 75 | 18.459 | 2545 | 2548 | 2551 | rBV3 | 177901 | 248965 | 6.78% | 0.488% |
| 76 | 18.500 | 2552 | 2555 | 2561 | rVB2 | 417965 | 702432 | 19.14% | 1.377% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

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-BG110321.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 18.558 | 2562 | 2565 | 2568 | rBV | 210215 | 267443 | 7.29% | 0.524% |
| 78 | 18.600 | 2568 | 2572 | 2576 | rVB2 | 396733 | 559279 | 15.24% | 1.096% |
| 79 | 18.658 | 2578 | 2582 | 2585 | rVV2 | 427794 | 574886 | 15.66% | 1.127% |
| 80 | 18.699 | 2585 | 2589 | 2592 | rVB | 294382 | 378577 | 10.31% | 0.742% |
| 81 | 18.746 | 2592 | 2597 | 2601 | rBV | 2455604 | 3084049 | 84.02% | 6.045% |
| 82 | 19.146 | 2661 | 2665 | 2668 | rBV | 336850 | 454872 | 12.39% | 0.892% |
| 83 | 19.199 | 2669 | 2674 | 2679 | rVB | 970842 | 1580172 | 43.05% | 3.097% |
| 84 | 19.258 | 2681 | 2684 | 2689 | rVB3 | 394392 | 537640 | 14.65% | 1.054% |
| 85 | 19.322 | 2692 | 2695 | 2698 | rVB | 362403 | 424931 | 11.58% | 0.833% |
| 86 | 19.369 | 2699 | 2703 | 2708 | rBV2 | 2416237 | 2943501 | 80.19% | 5.769% |
| 87 | 19.498 | 2722 | 2725 | 2727 | rBV2 | 301993 | 387555 | 10.56% | 0.760% |
| 88 | 19.528 | 2727 | 2730 | 2734 | rVV2 | 492550 | 661074 | 18.01% | 1.296% |
| 89 | 19.704 | 2756 | 2760 | 2762 | rBV3 | 420807 | 555995 | 15.15% | 1.090% |
| 90 | 19.733 | 2763 | 2765 | 2771 | rVB | 369669 | 510669 | 13.91% | 1.001% |
| 91 | 19.857 | 2784 | 2786 | 2791 | rVB2 | 328501 | 351807 | 9.58% | 0.690% |
| 92 | 19.939 | 2797 | 2800 | 2804 | rVB2 | 1191849 | 1419060 | 38.66% | 2.781% |
| 93 | 20.110 | 2826 | 2829 | 2832 | rBV | 720591 | 985683 | 26.85% | 1.932% |
| 94 | 20.245 | 2849 | 2852 | 2855 | rBV3 | 546836 | 781712 | 21.30% | 1.532% |
| 95 | 20.333 | 2865 | 2867 | 2872 | rVB2 | 580047 | 625626 | 17.04% | 1.226% |
| 96 | 20.474 | 2887 | 2891 | 2895 | rBV2 | 1241370 | 1660542 | 45.24% | 3.255% |
| 97 | 20.650 | 2917 | 2921 | 2927 | rBV3 | 891171 | 1403181 | 38.23% | 2.750% |
| 98 | 20.973 | 2973 | 2976 | 2978 | rBV | 496827 | 513926 | 14.00% | 1.007% |
| 99 | 21.050 | 2985 | 2989 | 2994 | rVB | 1100728 | 1466361 | 39.95% | 2.874% |
| 100 | 21.678 | 3093 | 3096 | 3104 | rVB2 | 522949 | 911665 | 24.84% | 1.787% |

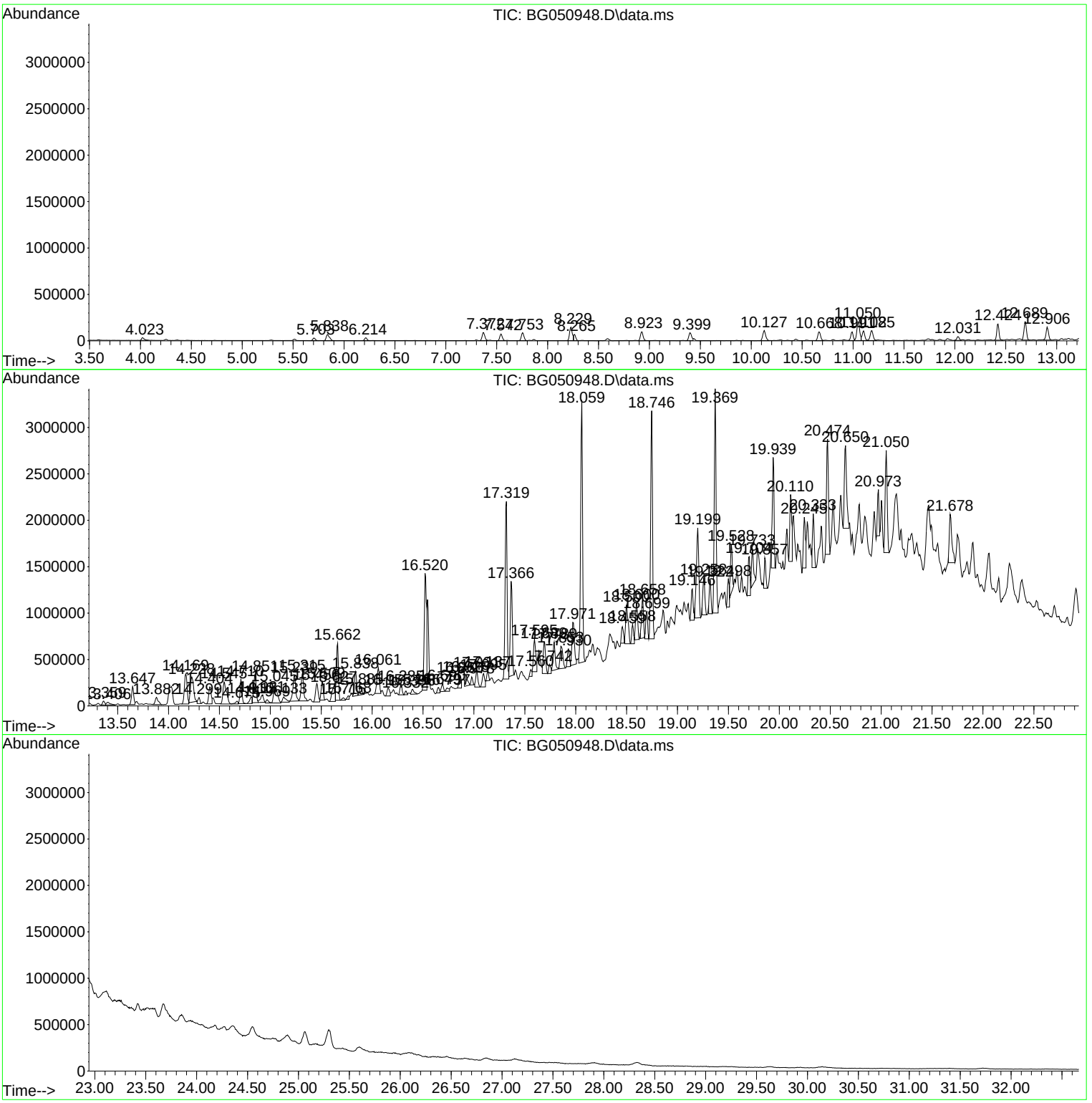
Sum of corrected areas: 51018564

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

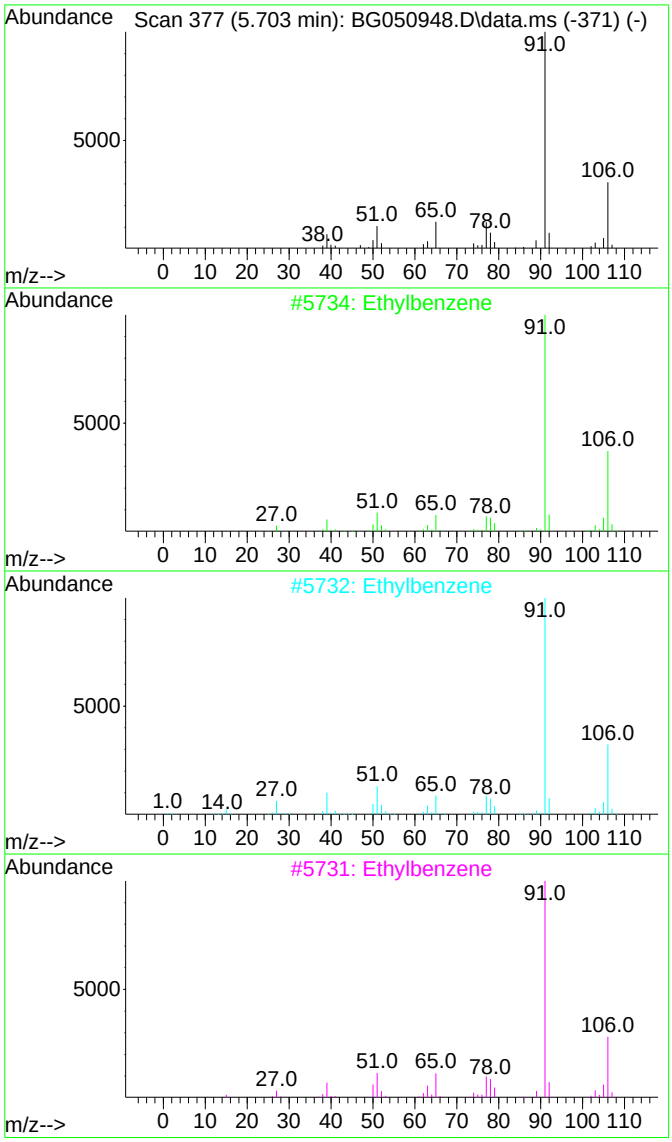
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

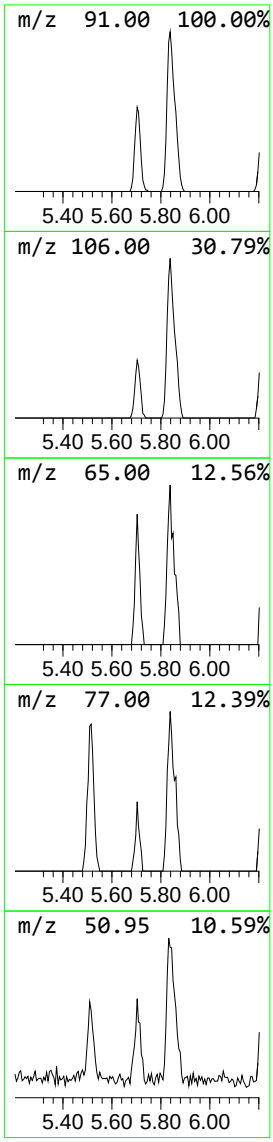
**********

Peak Number 1 Ethylbenzene Concentration Rank 60

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.703 | 3.34 ng/ul | 46106 | 1,4-Dichlorobenzene-d4 | 8.229 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 91 |
| 2 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 91 |
| 3 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 91 |
| 4 | p-Xylene | 106 | C8H10 | 000106-42-3 | 87 |
| 5 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

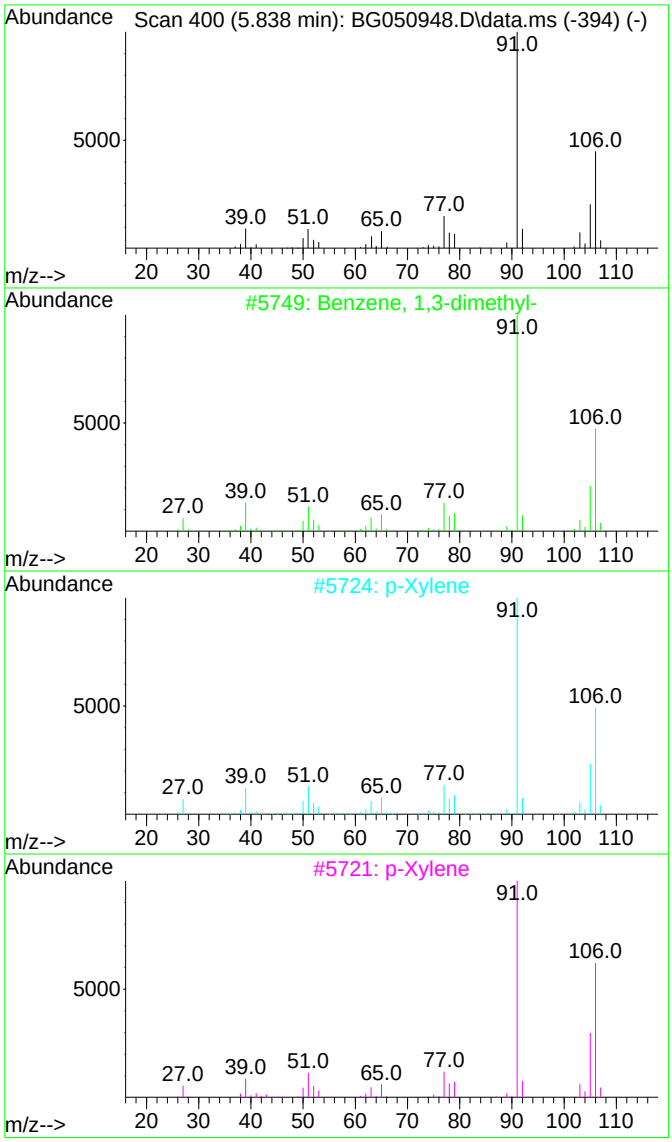
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

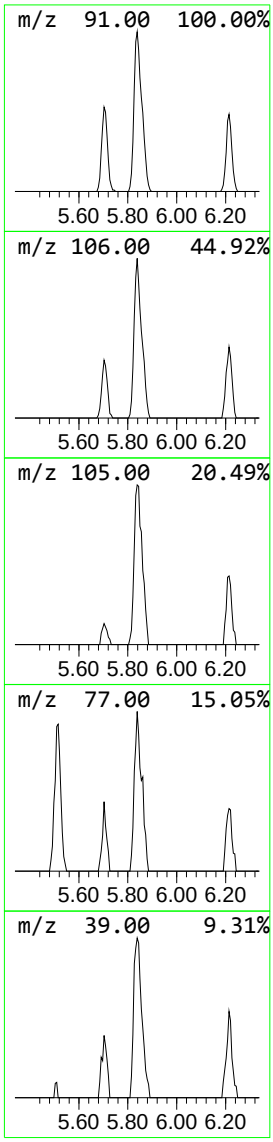
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.838 | 10.37 ng/ul | 143194 | 1,4-Dichlorobenzene-d4 | 8.229 |

| 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 | 95 |
| 3 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |
| 4 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |
| 5 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

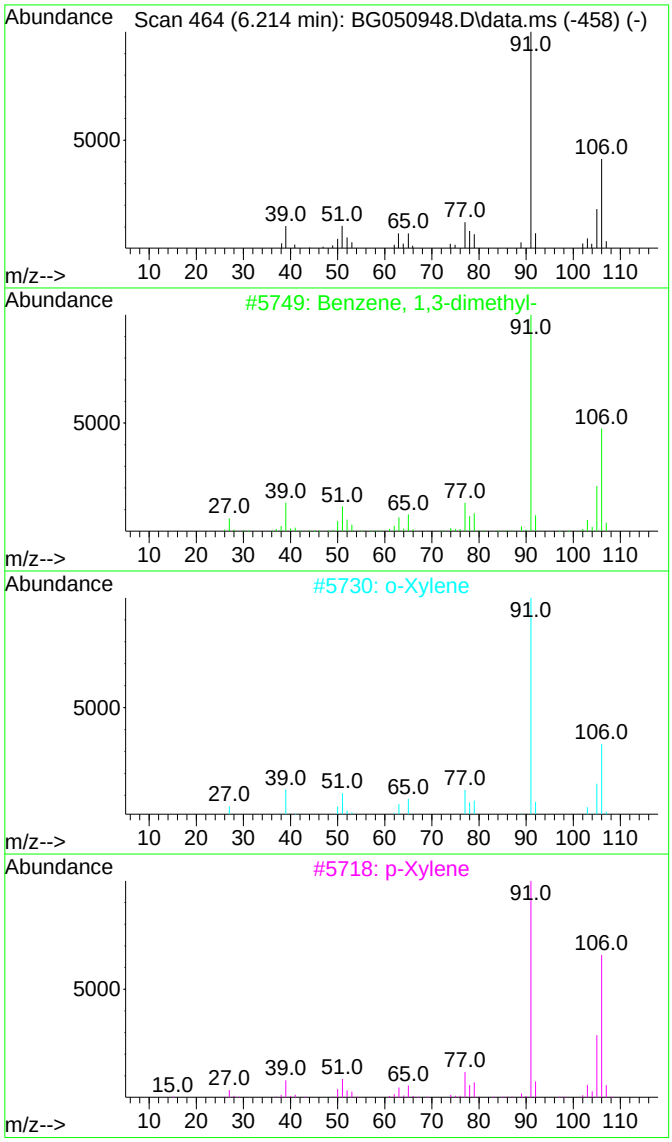
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

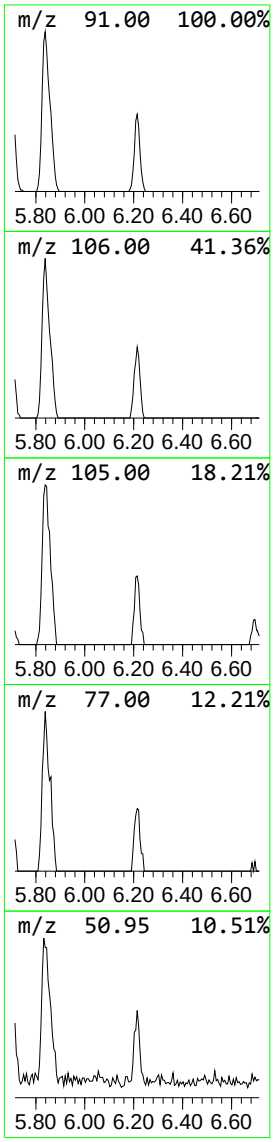
**********

Peak Number 3 o-Xylene Concentration Rank 58

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.214 | 3.62 ng/ul | 49919 | 1,4-Dichlorobenzene-d4 | 8.229 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 95 |
| 2 | o-Xylene | 106 | C8H10 | 000095-47-6 | 95 |
| 3 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |
| 4 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 95 |
| 5 | o-Xylene | 106 | C8H10 | 000095-47-6 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

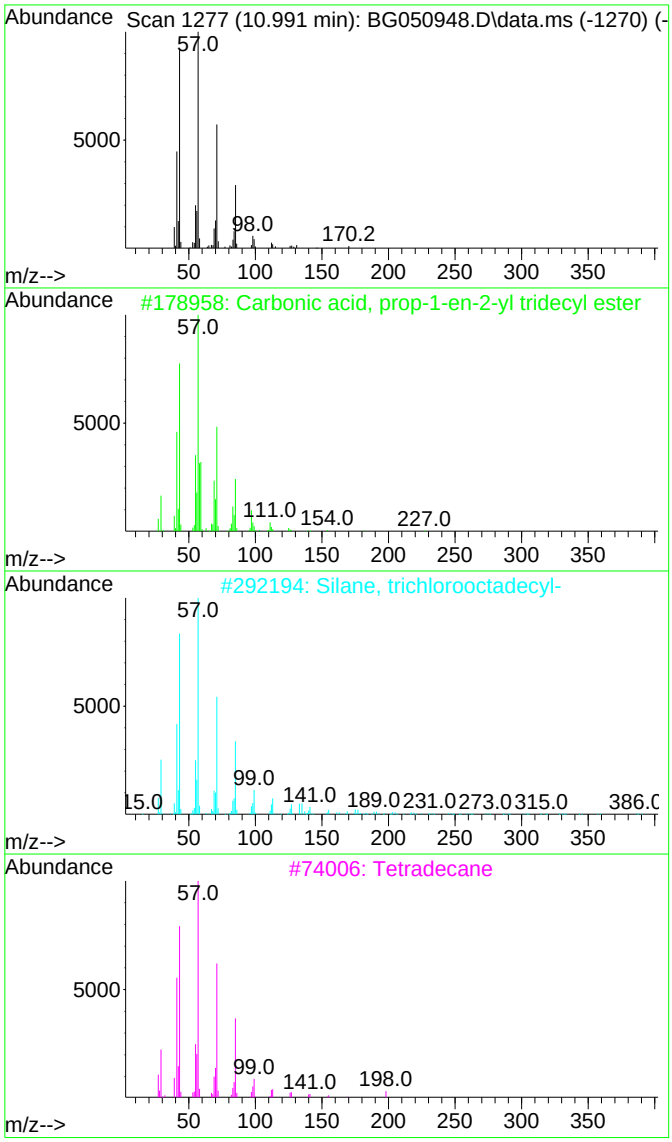
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

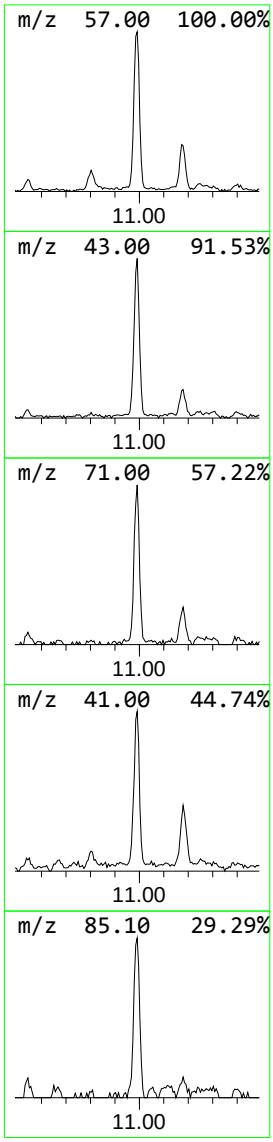
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Carbonic acid, prop-1-en-2-... Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.991 | 7.74 ng/ul | 149523 | Naphthalene-d8 | 11.050 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 86 |
| 2 | Silane, trichlorooctadecyl- | 386 | C18H37Cl3Si | 000112-04-9 | 83 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 83 |
| 4 | Decane, 3,6-dimethyl- | 170 | C12H26 | 017312-53-7 | 83 |
| 5 | Undecane | 156 | C11H24 | 001120-21-4 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

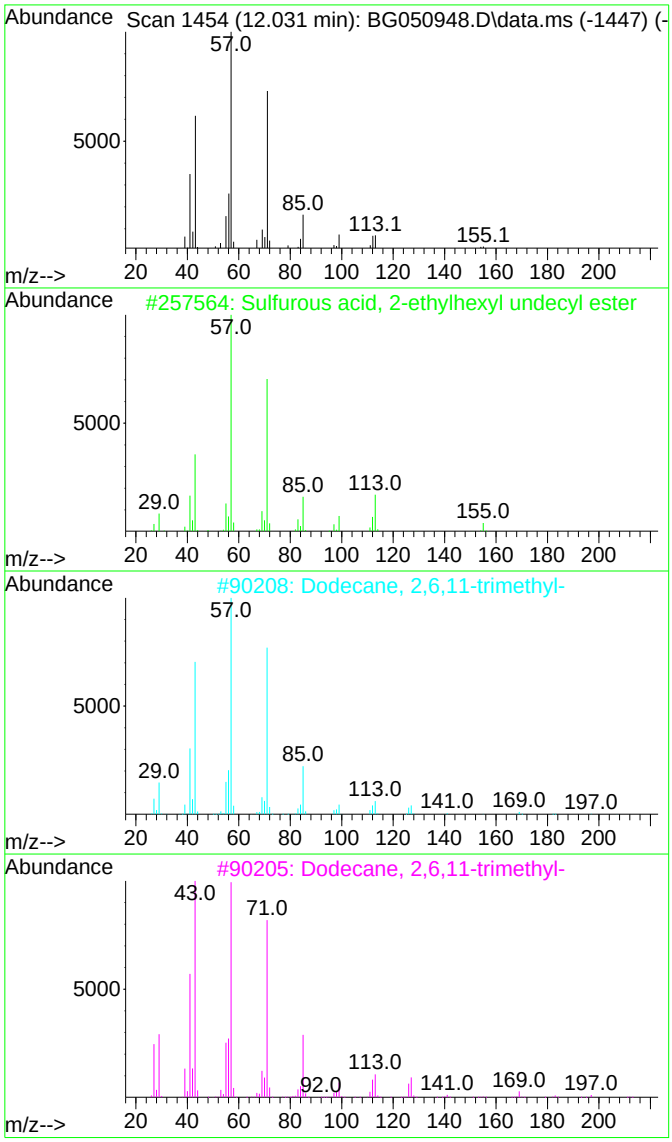
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

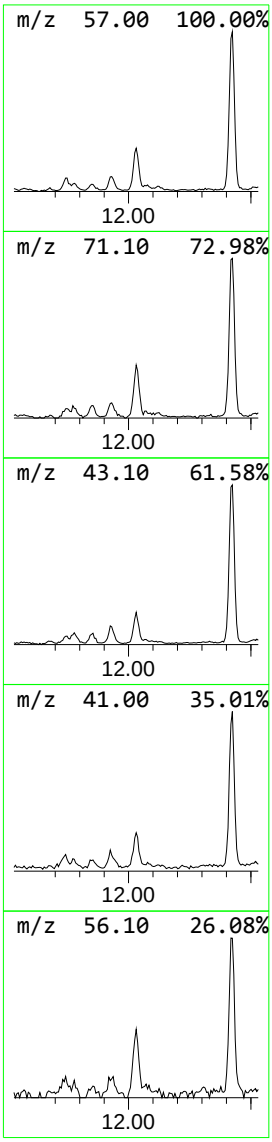
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Sulfurous acid, 2-ethylhexy... Concentration Rank 57

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.031 | 3.66 ng/ul | 70742 | Naphthalene-d8 | 11.050 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, 2-ethylhexyl und... | 348 | C19H40O3S | 1000309-19-4 | 72 |
| 2 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 72 |
| 3 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 64 |
| 4 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 64 |
| 5 | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

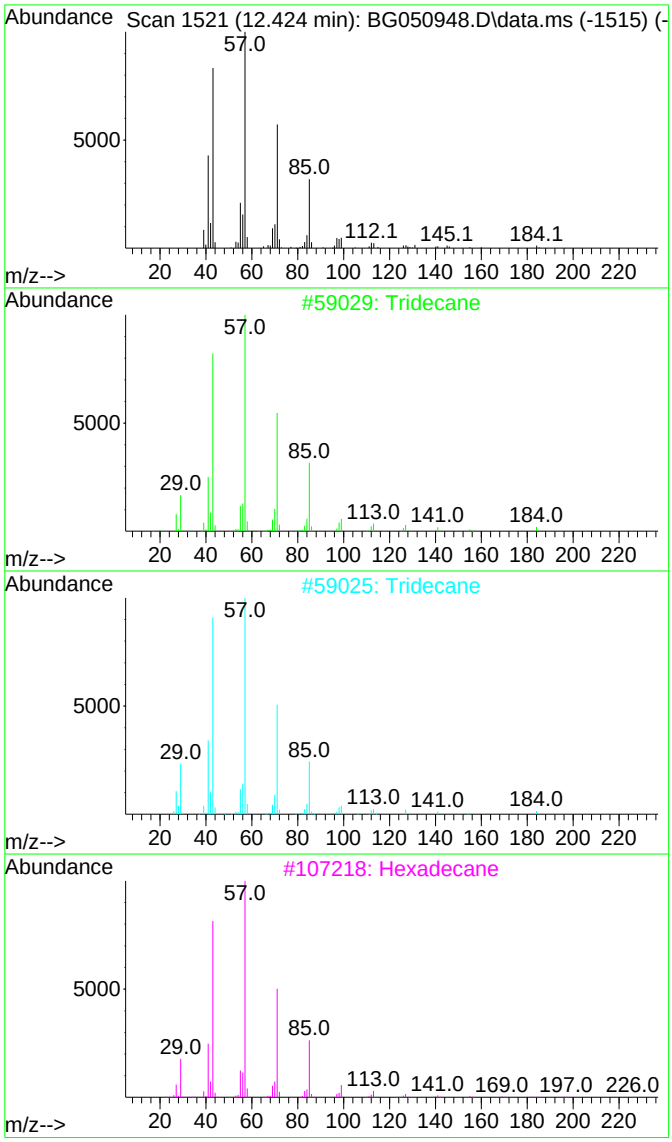
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

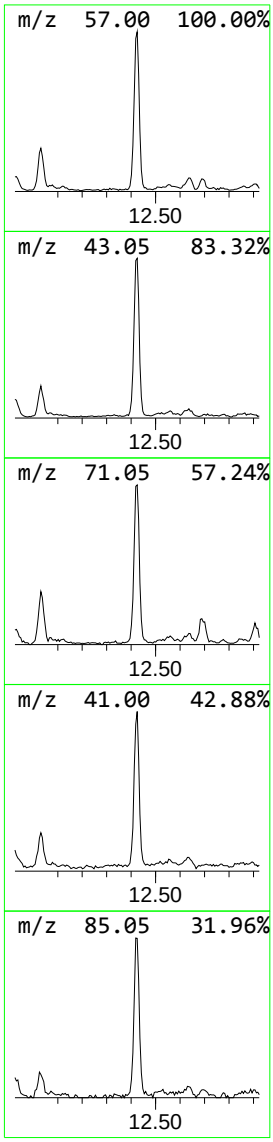
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.424 | 13.96 ng/ul | 269751 | Naphthalene-d8 | 11.050 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 87 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 86 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 86 |



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Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

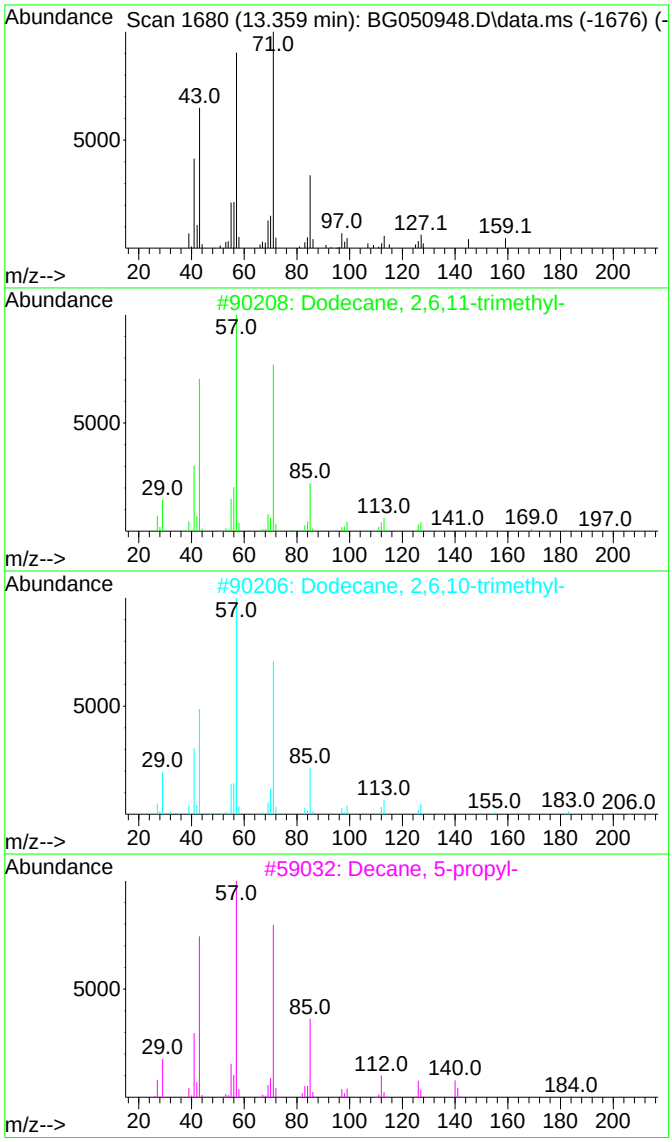
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

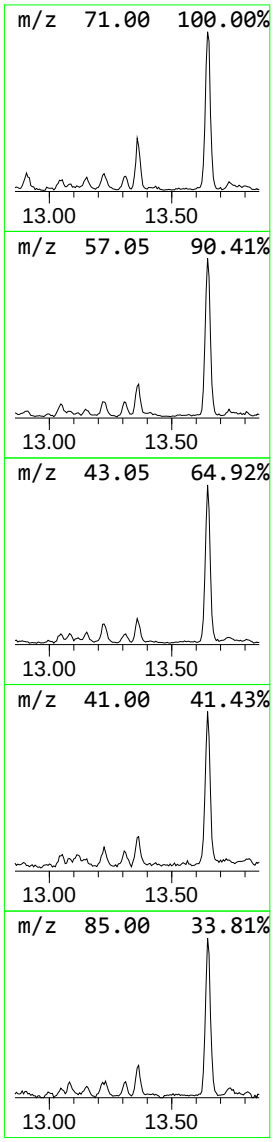
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 65

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.359 | 2.49 ng/ul | 63659 | Acenaphthene-d10 | 14.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 83 |
| 2 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 64 |
| 3 | Decane, 5-propyl- | 184 | C13H28 | 017312-62-8 | 64 |
| 4 | Sulfurous acid, 2-ethylhexyl non... | 320 | C17H36O3S | 1010309-19-2 | 64 |
| 5 | Sulfurous acid, nonyl pentyl ester | 278 | C14H30O3S | 1000309-14-2 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

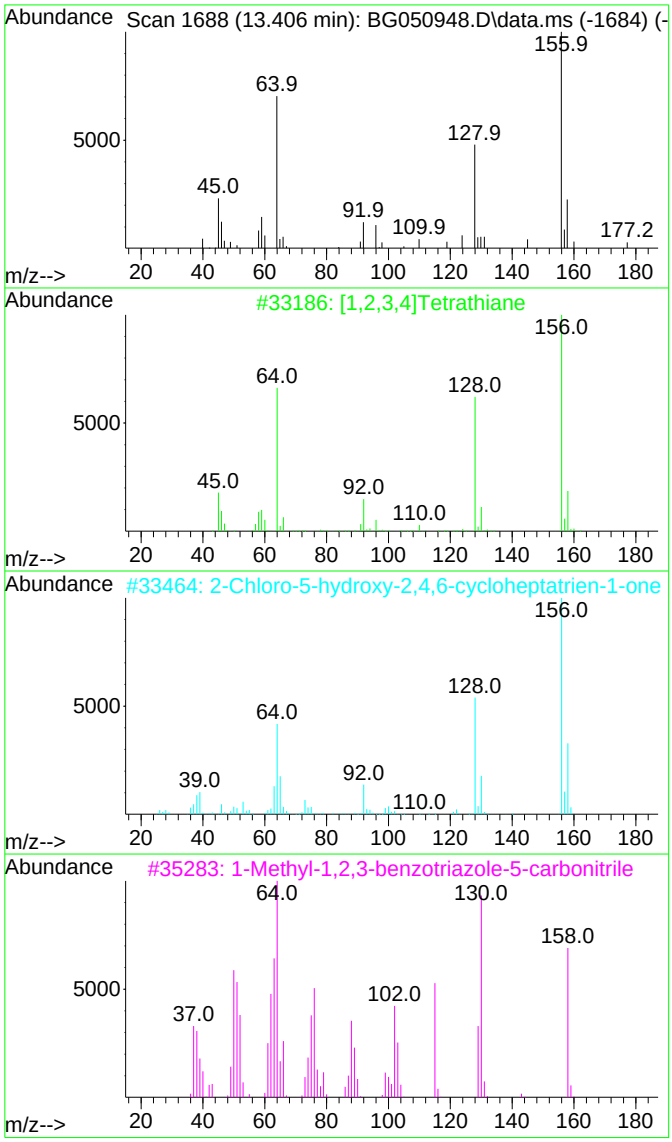
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

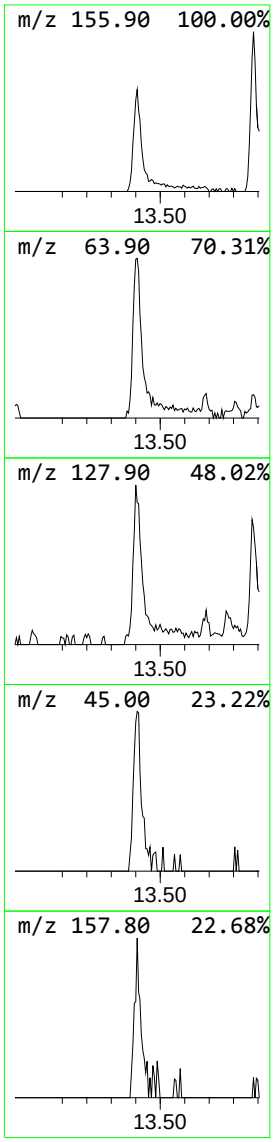
**********

Peak Number 8 [1,2,3,4]Tetrathiane Concentration Rank 63

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.406 | 2.82 ng/ul | 72336 | Acenaphthene-d10 | 14.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | [1,2,3,4]Tetrathiane | 156 | C2H4S4 | 000290-81-3 | 93 |
| 2 | 2-Chloro-5-hydroxy-2,4,6-cyclohe... | 156 | C7H5ClO2 | 007009-16-7 | 74 |
| 3 | 1-Methyl-1,2,3-benzotriazole-5-c... | 158 | C8H6N4 | 1000435-82-2 | 32 |
| 4 | S-Methyl methanethiosulfinate | 110 | C2H6OS2 | 013882-12-7 | 23 |
| 5 | 1,1,1,2,2,3,3,4,4,5,5-Undecafluo... | 602 | C10F22O2S | 1000486-78-5 | 23 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

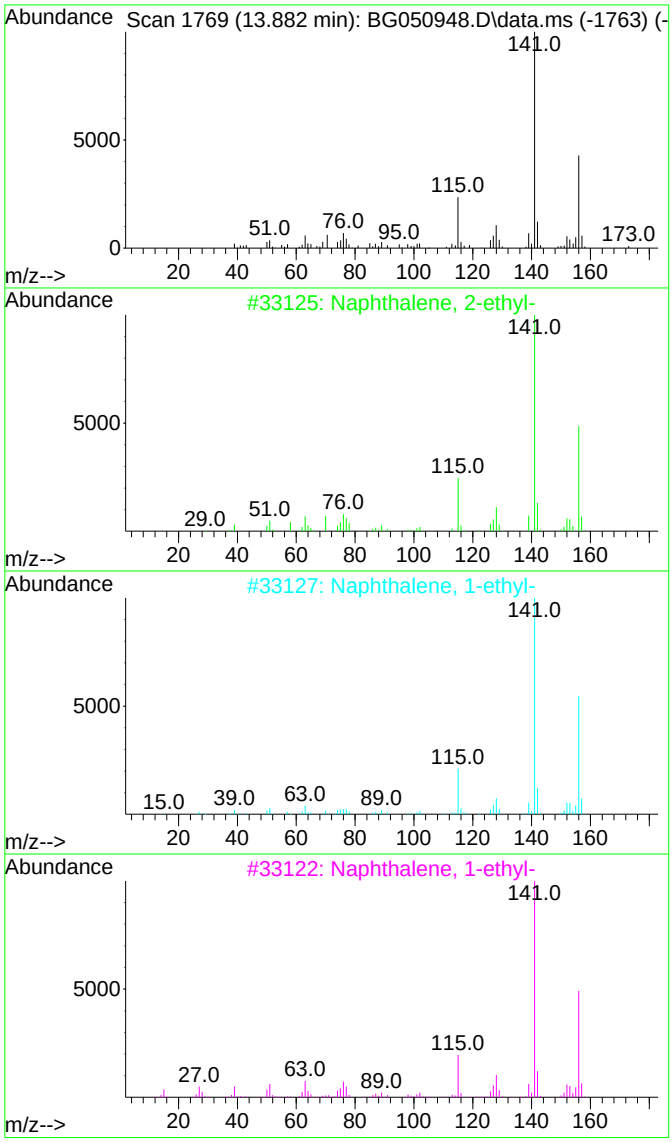
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

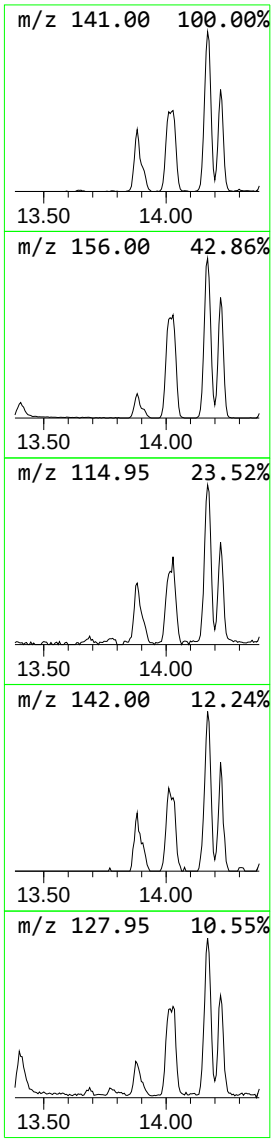
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Naphthalene, 2-ethyl- Concentration Rank 51

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.882 | 6.25 ng/ul | 160096 | Acenaphthene-d10 | 14.851 |

| 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 | 96 |
| 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 |



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Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

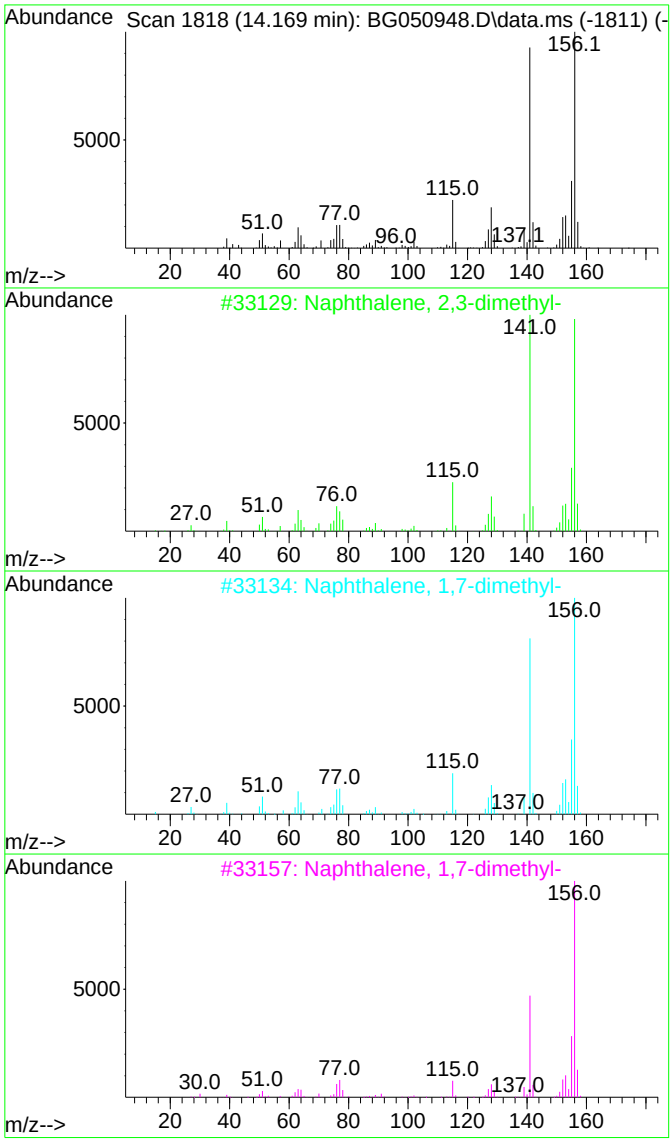
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

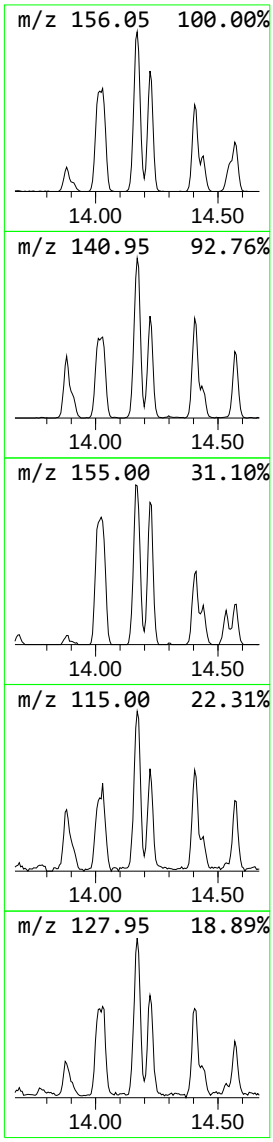
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.169 | 23.59 ng/ul | 604125 | Acenaphthene-d10 | 14.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 5 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

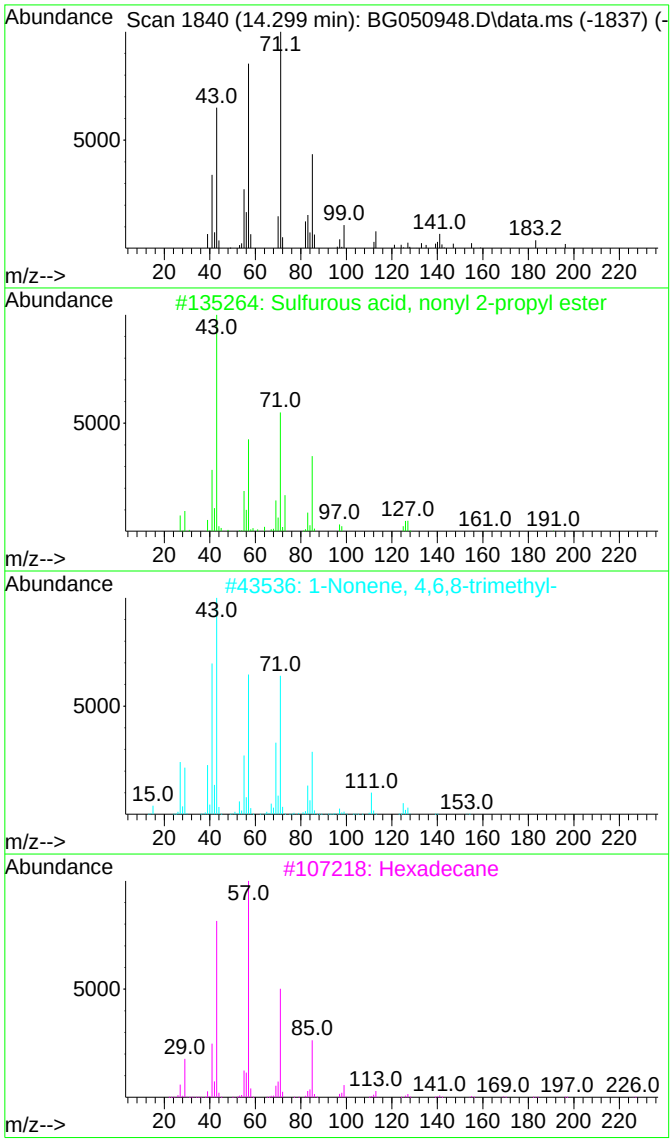
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

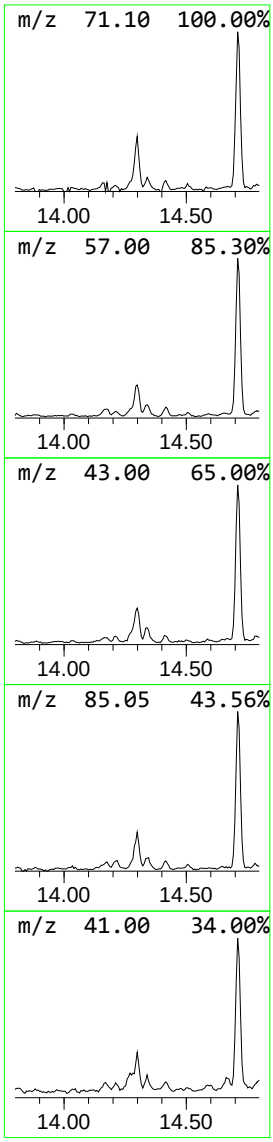
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Sulfurous acid, nonyl 2-pro... Concentration Rank 62

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.299 | 3.25 ng/ul | 83131 | Acenaphthene-d10 | 14.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, nonyl 2-propyl e... | 250 | C12H26O3S | 1000309-12-0 | 64 |
| 2 | 1-Nonene, 4,6,8-trimethyl- | 168 | C12H24 | 054410-98-9 | 64 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 64 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 52 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

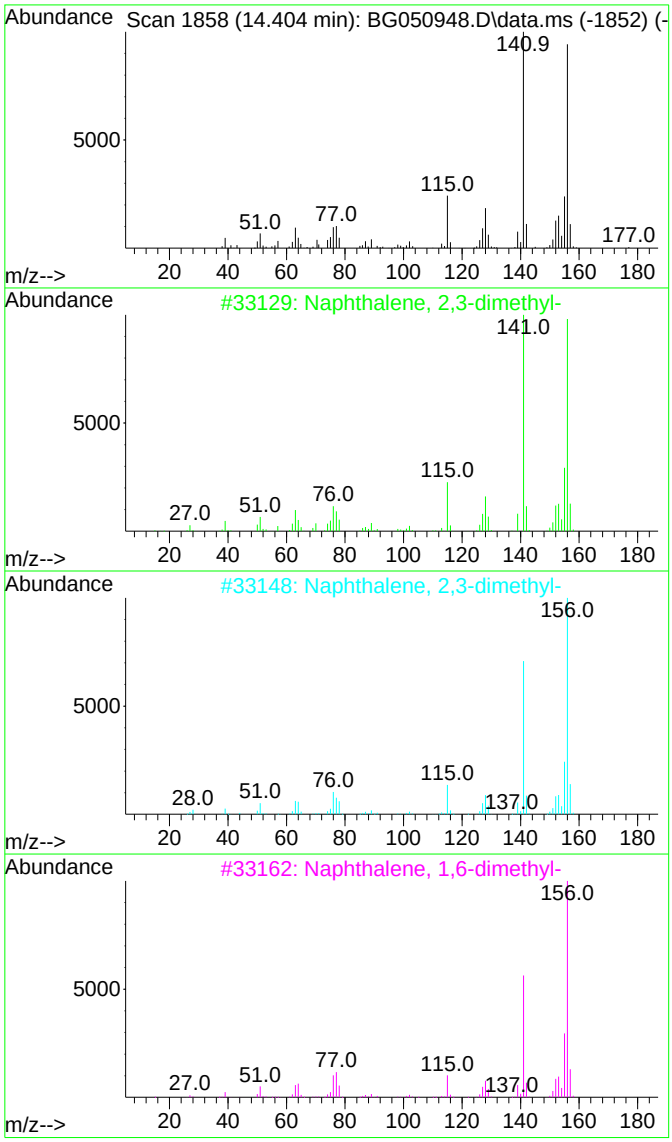
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

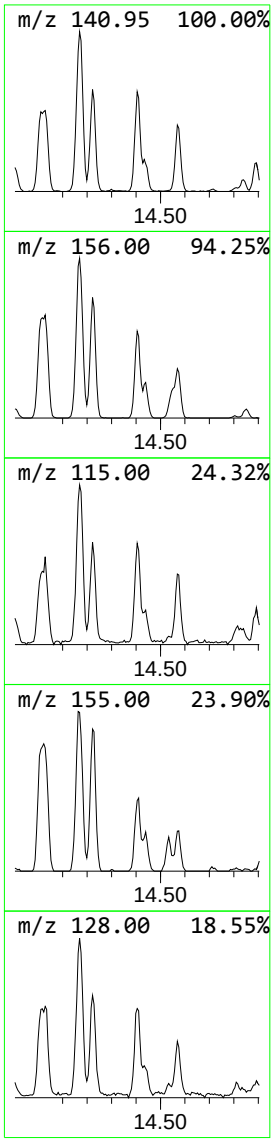
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.405 | 12.30 ng/ul | 314941 | Acenaphthene-d10 | 14.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

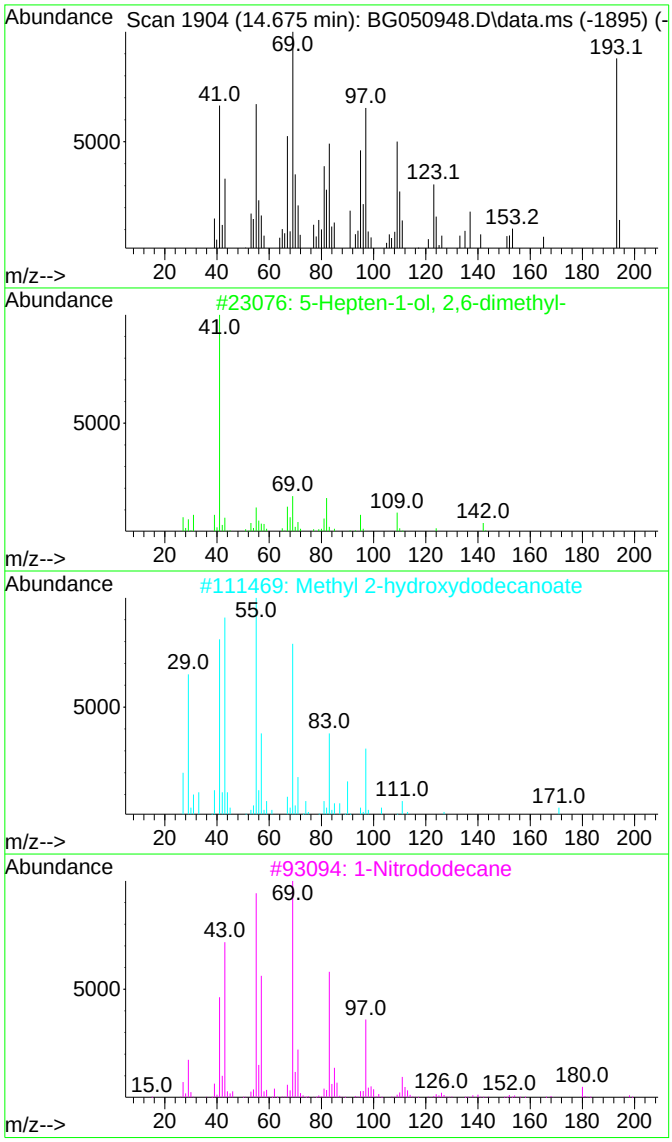
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

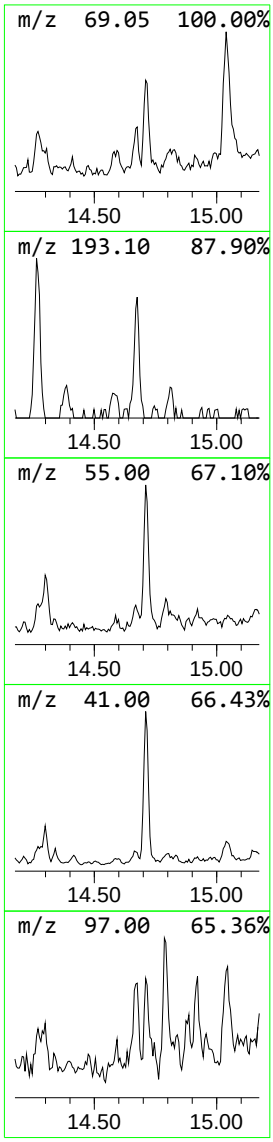
**********

Peak Number 13 unknown-01 Concentration Rank 68

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.675 | 2.10 ng/ul | 53735 | Acenaphthene-d10 | 14.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Hepten-1-ol, 2,6-dimethyl- | 142 | C9H18O | 004234-93-9 | 27 |
| 2 | Methyl 2-hydroxydodecanoate | 230 | C13H26O3 | 051067-85-7 | 27 |
| 3 | 1-Nitrododecane | 215 | C12H25NO2 | 016891-99-9 | 22 |
| 4 | 1-Hexylbicyclo[2.2.2]octane | 194 | C14H26 | 1000435-94-2 | 20 |
| 5 | Cyclododecanone, 2-methylene- | 194 | C13H22O | 003045-76-9 | 20 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

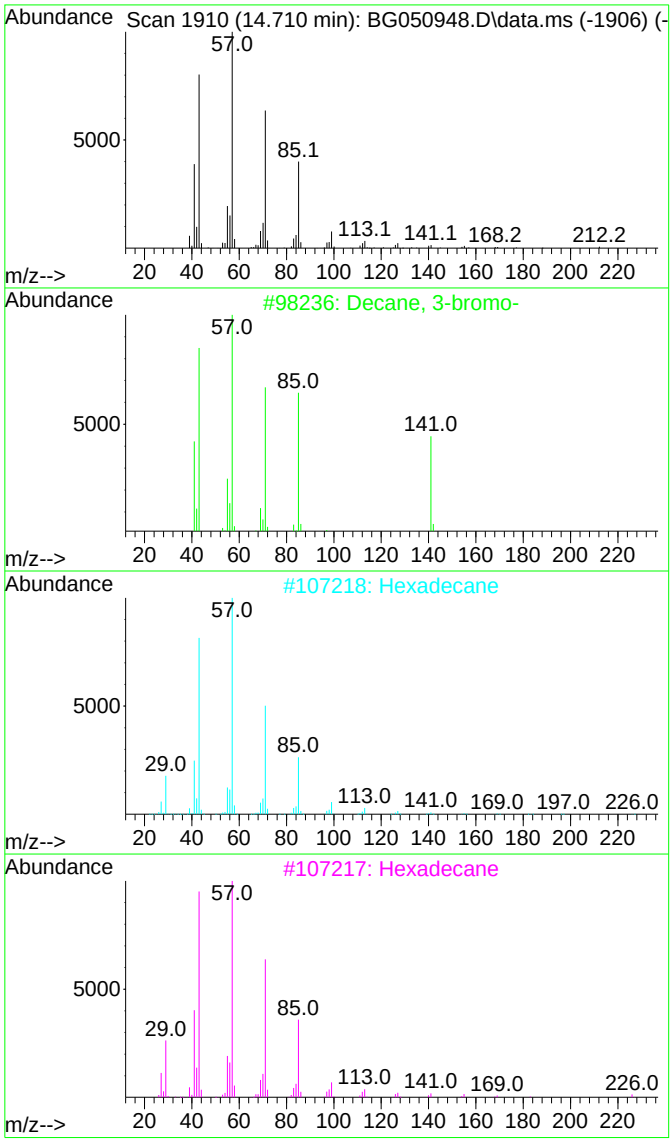
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

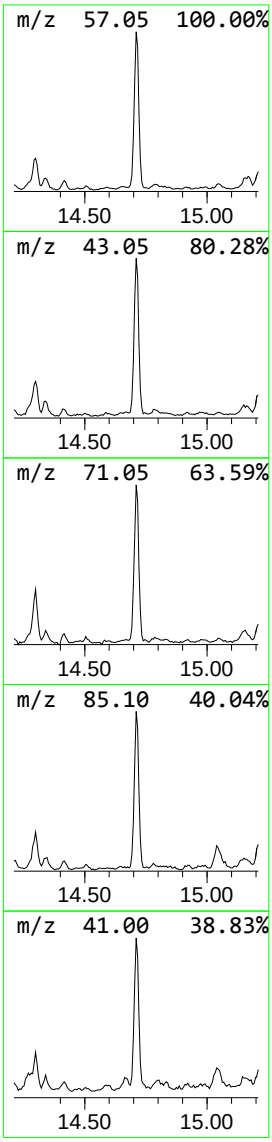
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Decane, 3-bromo- Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.710 | 13.70 ng/ul | 350939 | Acenaphthene-d10 | 14.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 3-bromo- | 220 | C10H21Br | 030571-71-2 | 86 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 80 |
| 4 | Sulfurous acid, hexyl heptyl ester | 264 | C13H28O3S | 1000309-12-9 | 58 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

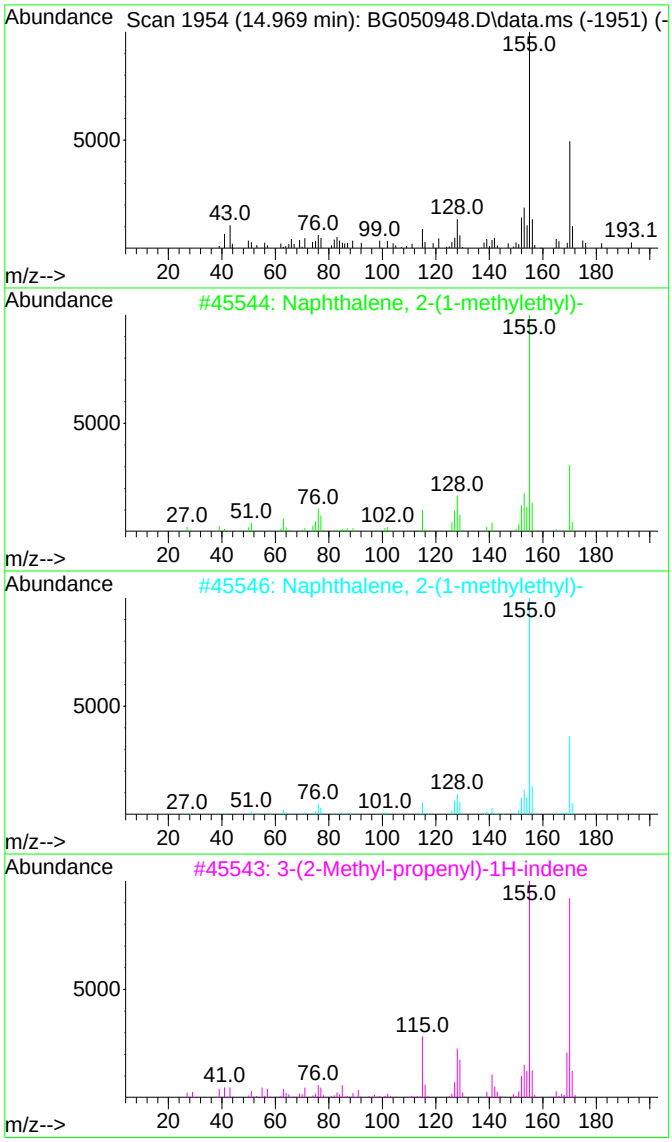
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

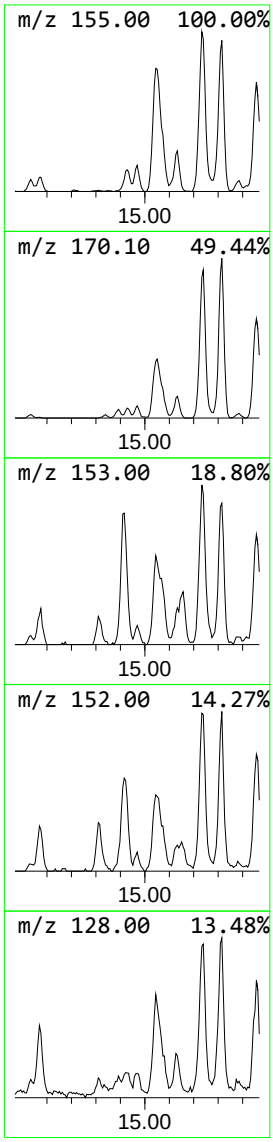
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Naphthalene, 2-(1-methyleth... Concentration Rank 67

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.969 | 2.26 ng/ul | 57932 | Acenaphthene-d10 | 14.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 94 |
| 2 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 94 |
| 3 | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14 | 1000187-78-5 | 91 |
| 4 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 91 |
| 5 | 4a,8a-Methanonaphthalene, 9,9-di... | 170 | C13H14 | 038963-97-2 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

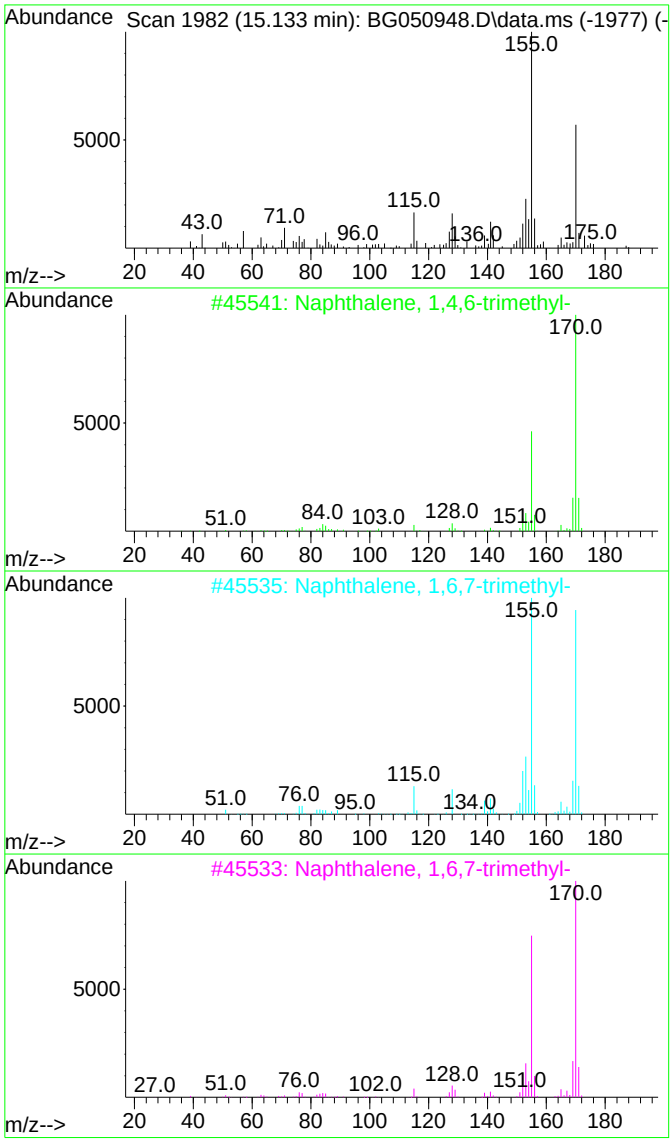
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

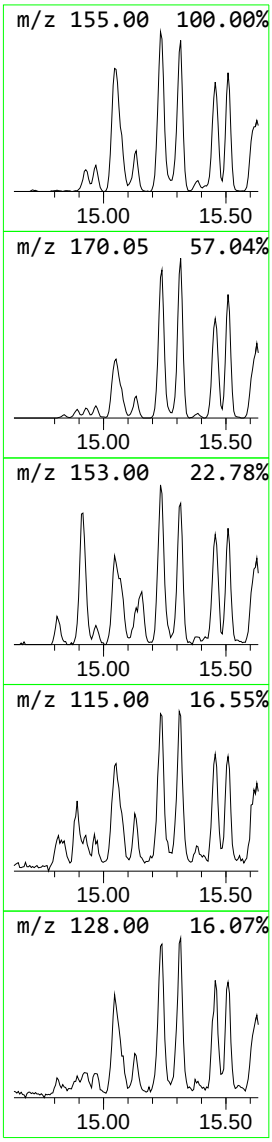
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 54

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.133 | 5.47 ng/ul | 140149 | Acenaphthene-d10 | 14.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 91 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 90 |
| 3 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 90 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 90 |
| 5 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

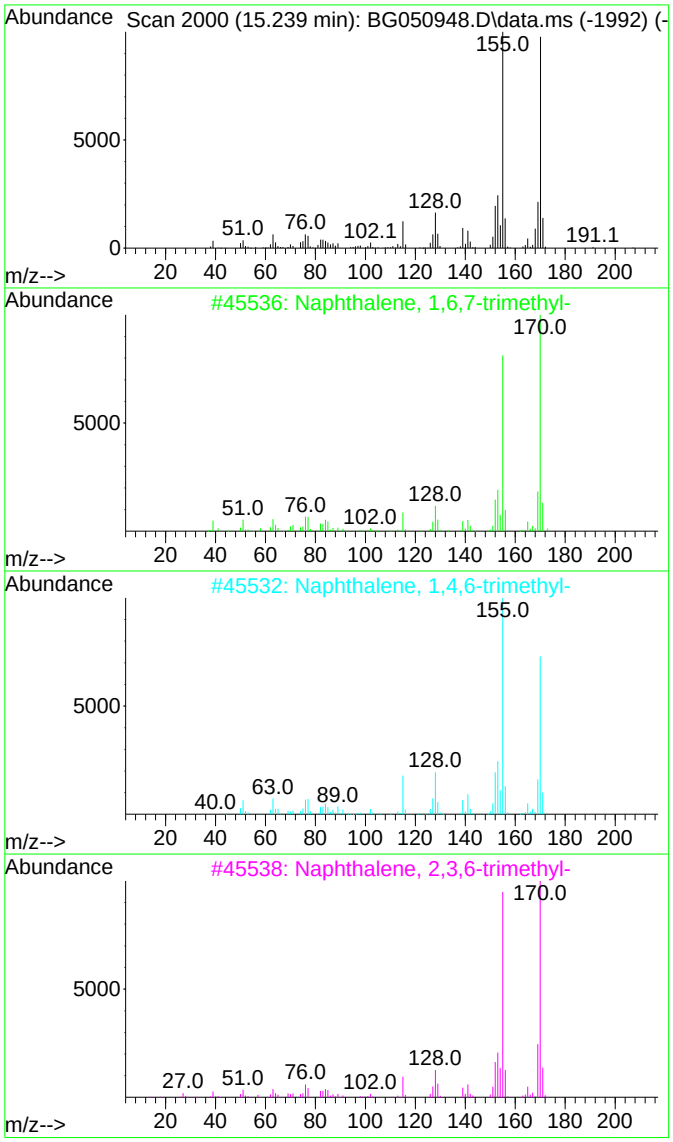
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

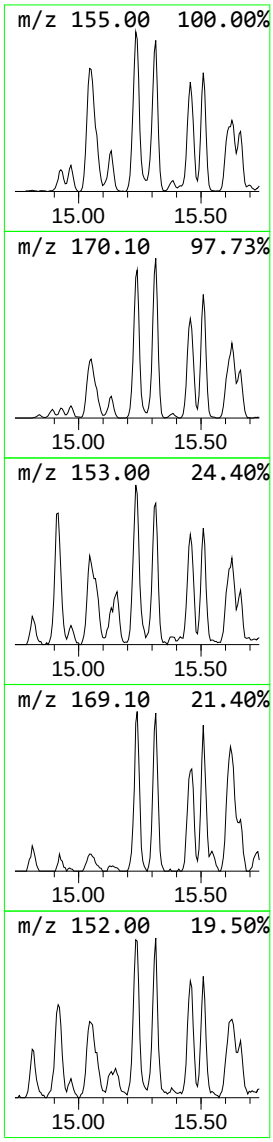
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.239 | 20.67 ng/ul | 529375 | Acenaphthene-d10 | 14.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 97 |
| 2 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |
| 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, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 93 |



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Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

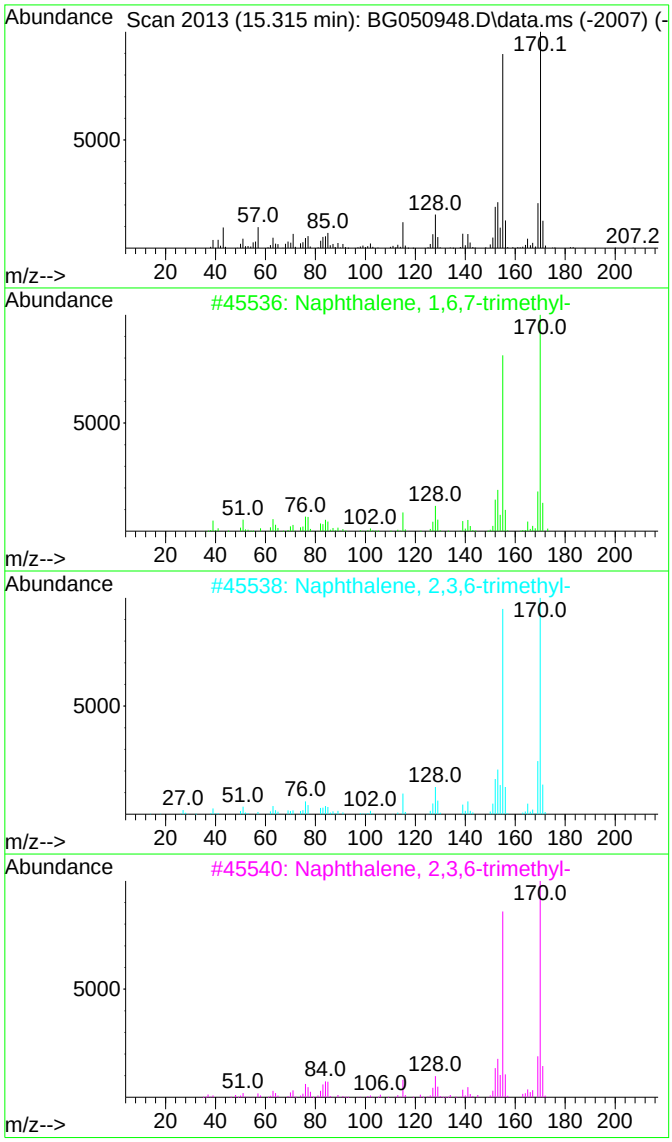
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

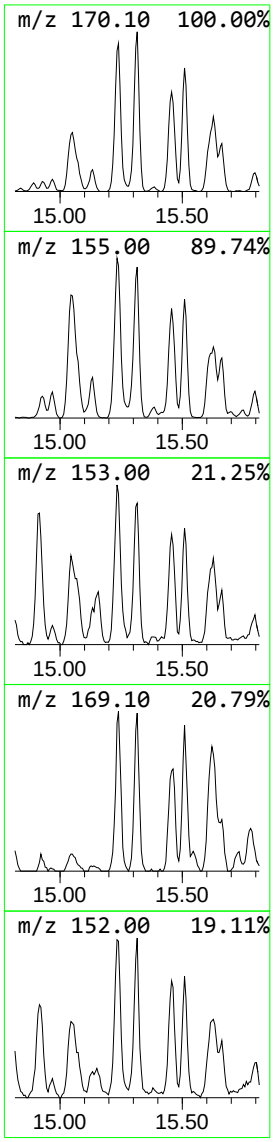
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.315 | 19.28 ng/ul | 493823 | Acenaphthene-d10 | 14.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 98 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 97 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 97 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 5 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |



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Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

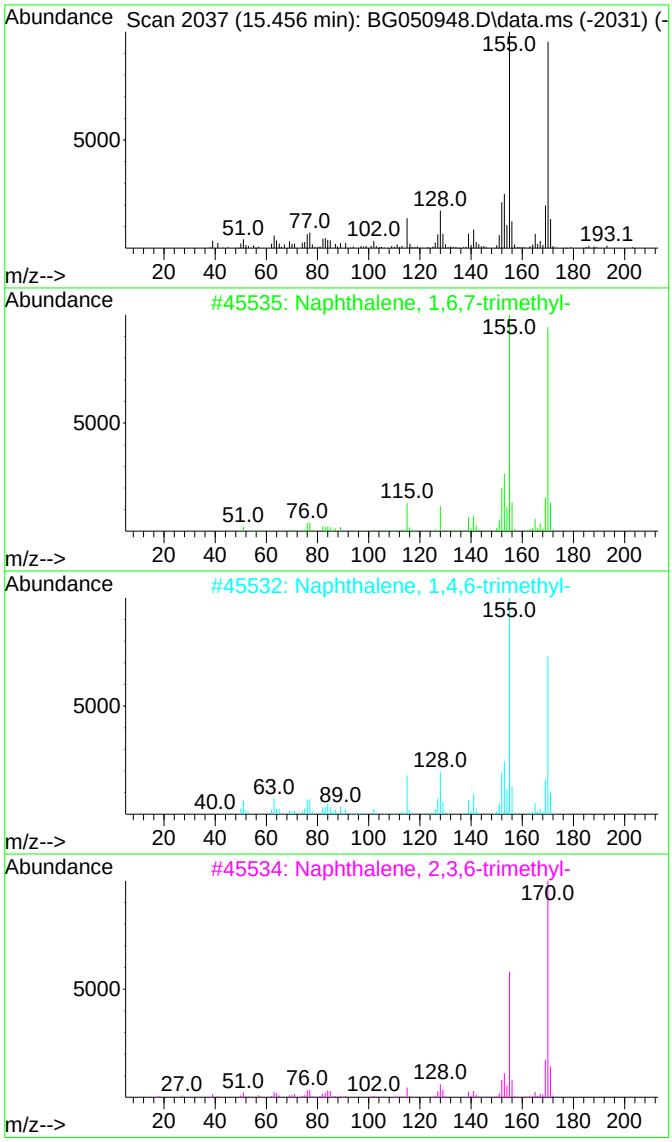
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

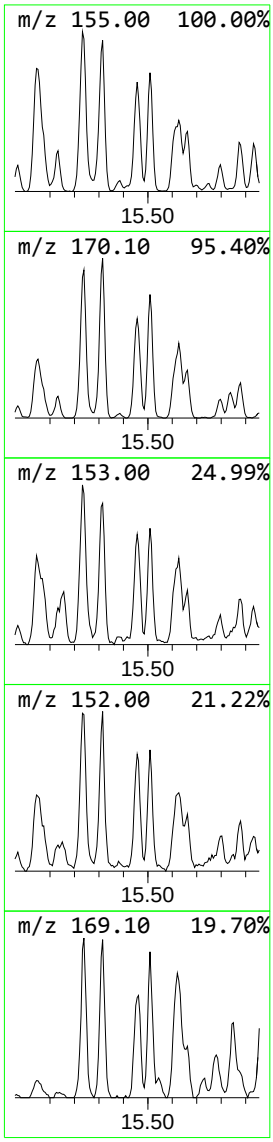
**********

Peak Number 19 unknown-02 Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.456 | 13.94 ng/ul | 357162 | Acenaphthene-d10 | 14.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 98 |
| 2 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 97 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 4 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 5 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

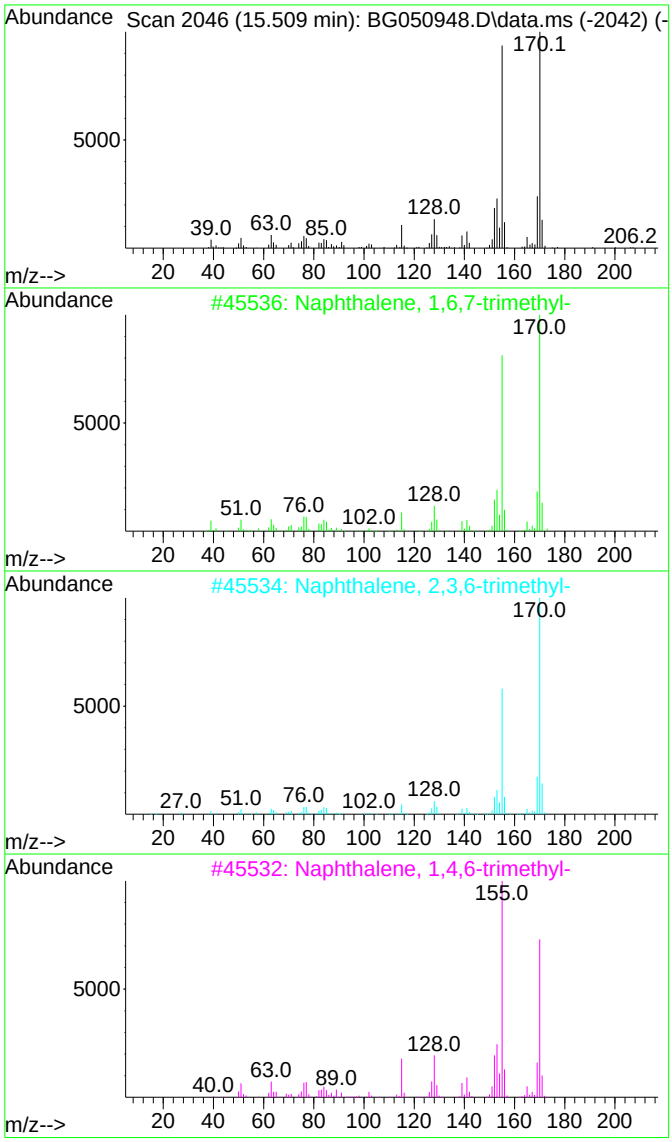
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

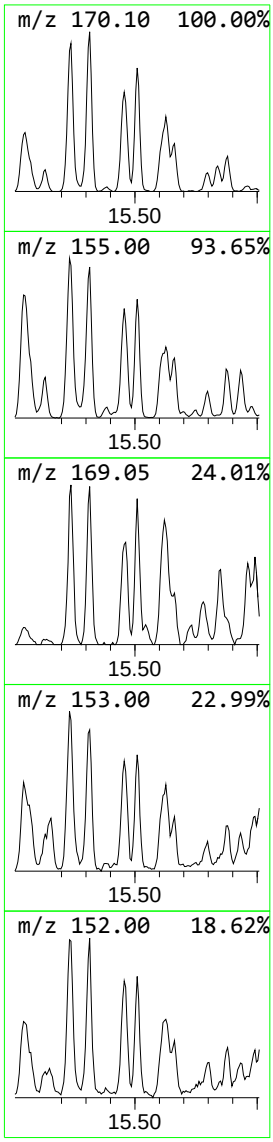
**********

Peak Number 20 unknown-03 Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.509 | 10.50 ng/ul | 268988 | Acenaphthene-d10 | 14.851 |

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



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Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

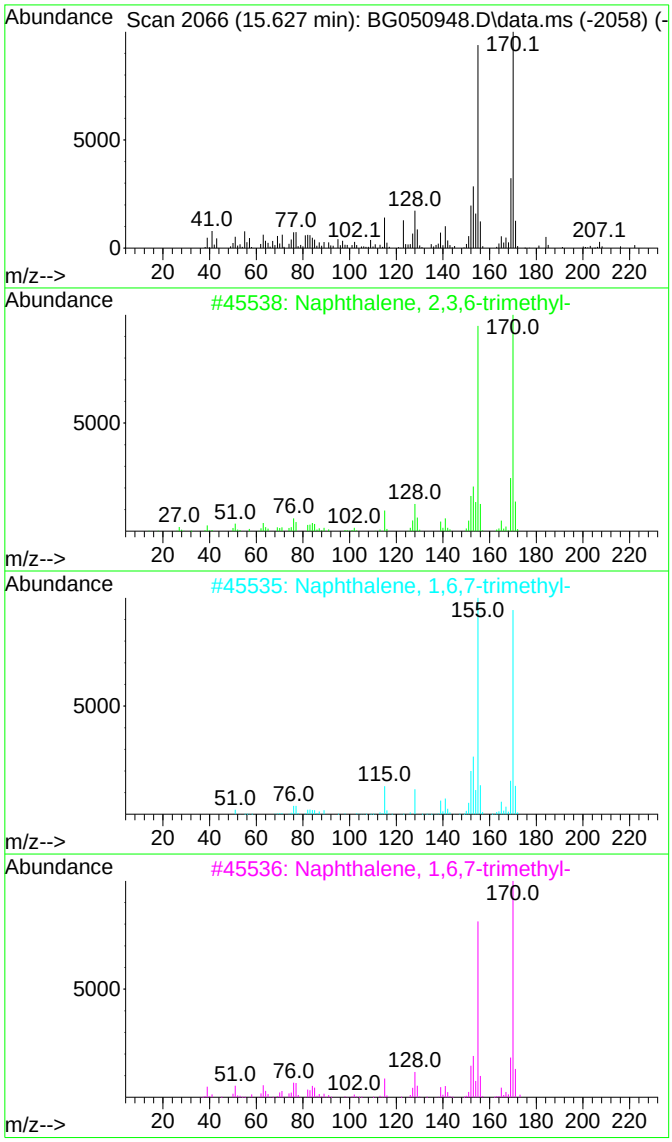
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

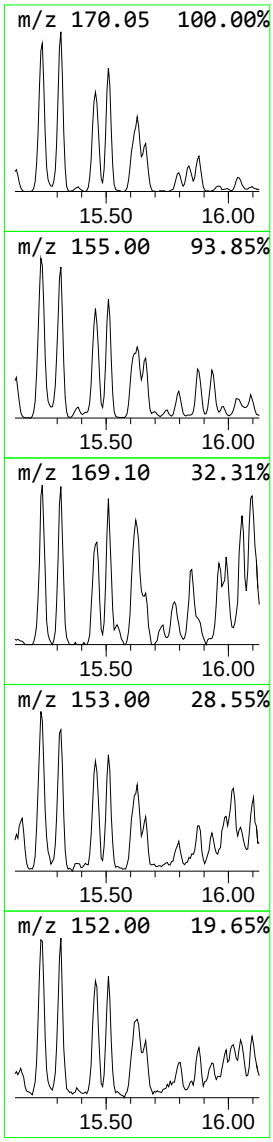
**********

Peak Number 21 unknown-04 Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.627 | 14.63 ng/ul | 374790 | Acenaphthene-d10 | 14.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 98 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 97 |
| 3 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 97 |
| 4 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 95 |
| 5 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

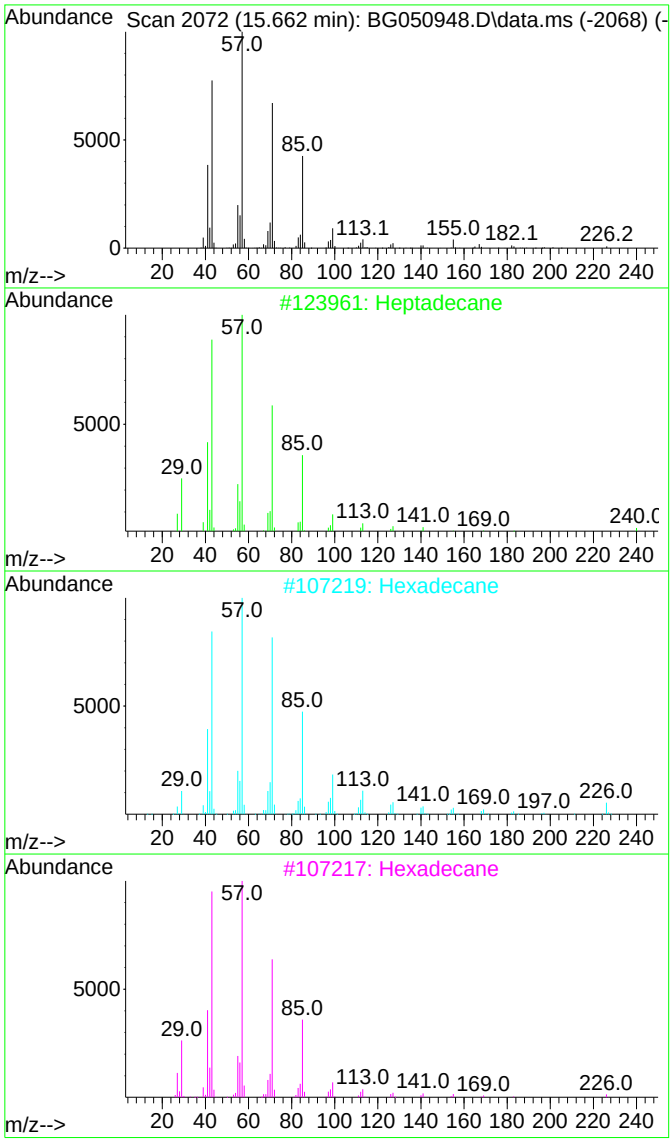
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

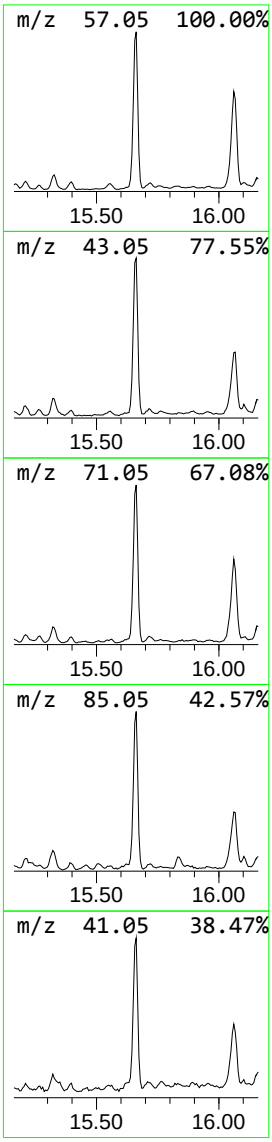
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.662 | 31.83 ng/ul | 815193 | Acenaphthene-d10 | 14.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 89 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 76 |
| 4 | Pentadecane, 7-methyl- | 226 | C16H34 | 006165-40-8 | 74 |
| 5 | Tetradecane, 2,6,10-trimethyl- | 240 | C17H36 | 014905-56-7 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

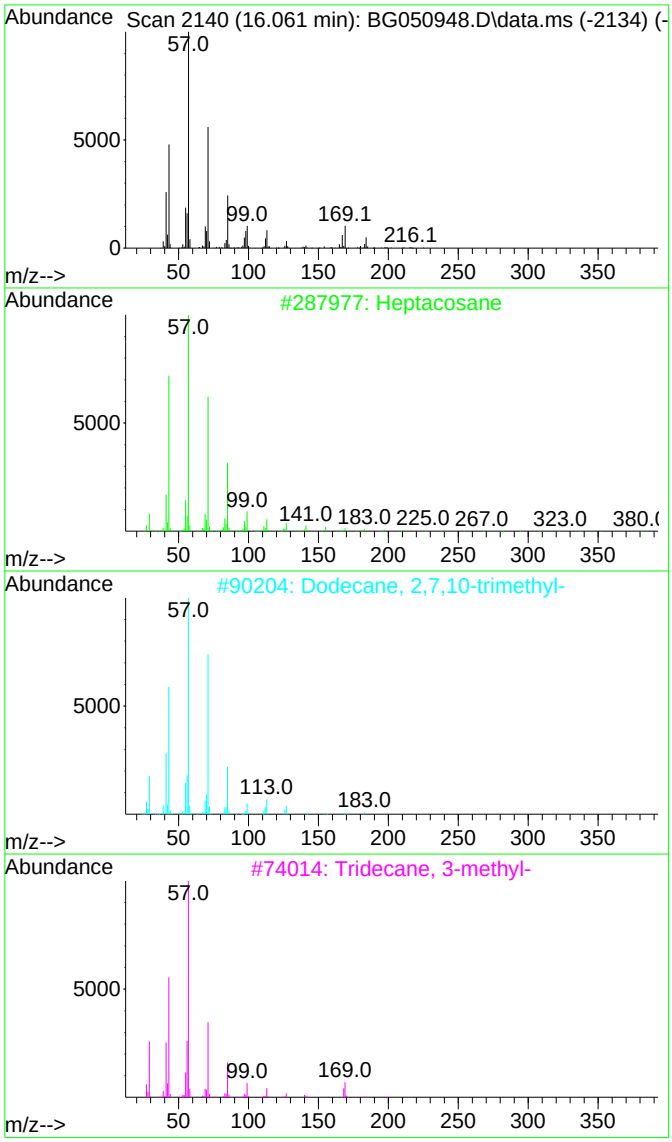
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

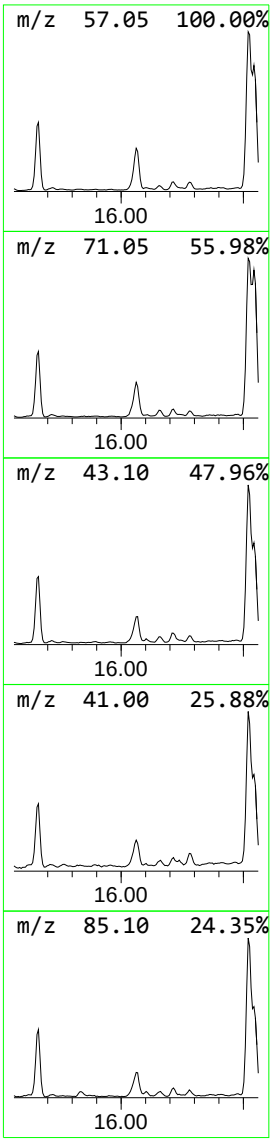
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.061 | 17.94 ng/ul | 459635 | Acenaphthene-d10 | 14.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 64 |
| 2 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 64 |
| 3 | Tridecane, 3-methyl- | 198 | C14H30 | 006418-41-3 | 64 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 58 |
| 5 | Tridecane, 2-methyl- | 198 | C14H30 | 001560-96-9 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

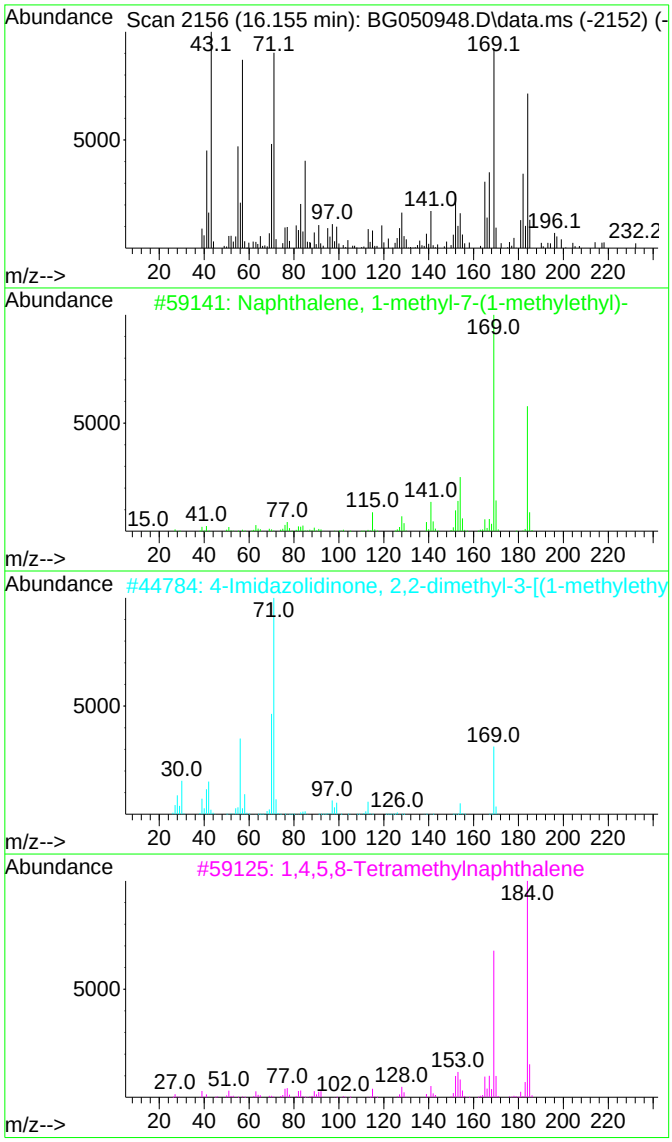
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

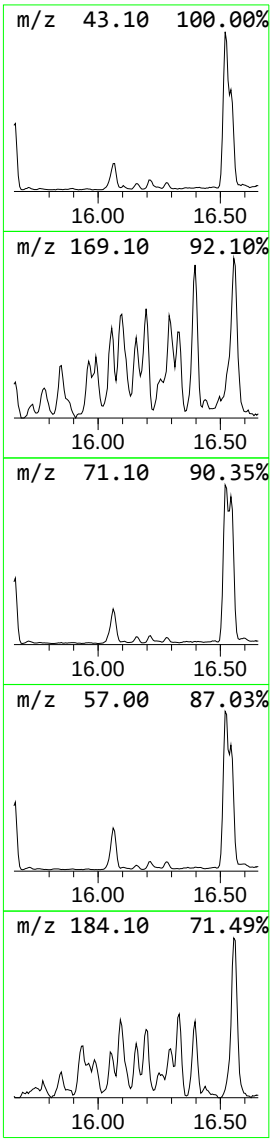
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Naphthalene, 1-methyl-7-(1-... Concentration Rank 52

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.155 | 5.98 ng/ul | 153150 | Acenaphthene-d10 | 14.851 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 52 |
| 2 | 4-Imidazolidinone, 2,2-dimethyl-... | 169 | C8H15N3O | 142071-78-1 | 49 |
| 3 | 1,4,5,8-Tetramethylnaphthalene | 184 | C14H16 | 002717-39-7 | 42 |
| 4 | 1-Acenaphthylenol, 1,2-dihydro-1... | 184 | C13H12O | 041002-74-8 | 38 |
| 5 | Cyclopentene, 1,2-dimethyl-4-met... | 184 | C14H16 | 1000152-22-4 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

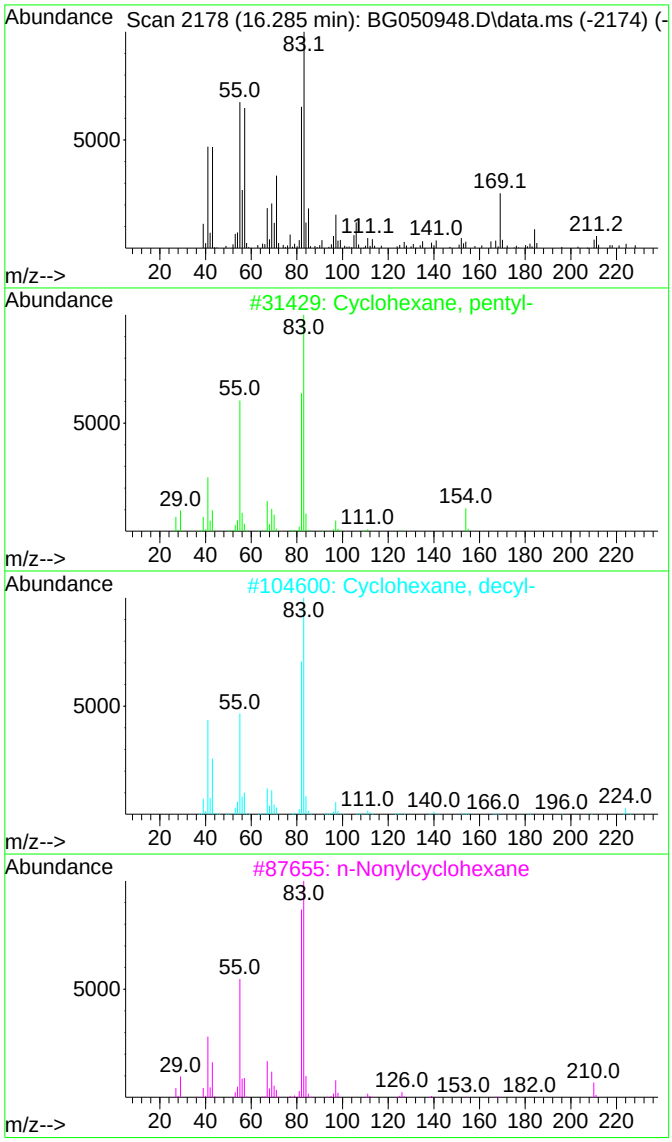
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

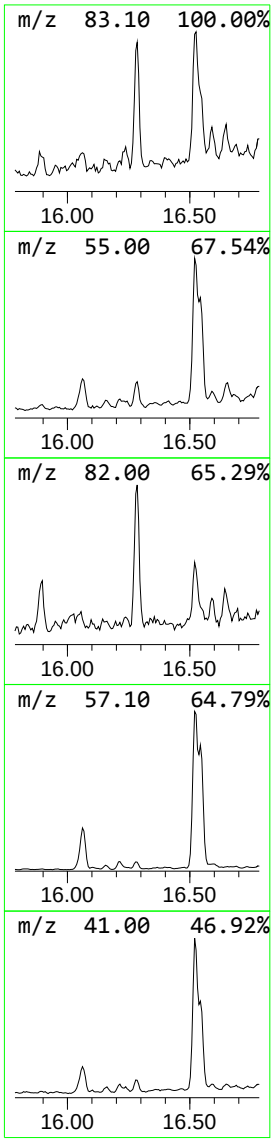
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 (DEL) Alkane: Cyclic16.285 Concentration Rank 53

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.285 | 5.48 ng/ul | 159504 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 58 |
| 2 | Cyclohexane, decyl- | 224 | C16H32 | 001795-16-0 | 58 |
| 3 | n-Nonylcyclohexane | 210 | C15H30 | 002883-02-5 | 53 |
| 4 | Cyclohexane, octyl- | 196 | C14H28 | 001795-15-9 | 53 |
| 5 | Cyclohexane, 1,1'-(1,4-butanediy... | 222 | C16H30 | 006165-44-2 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

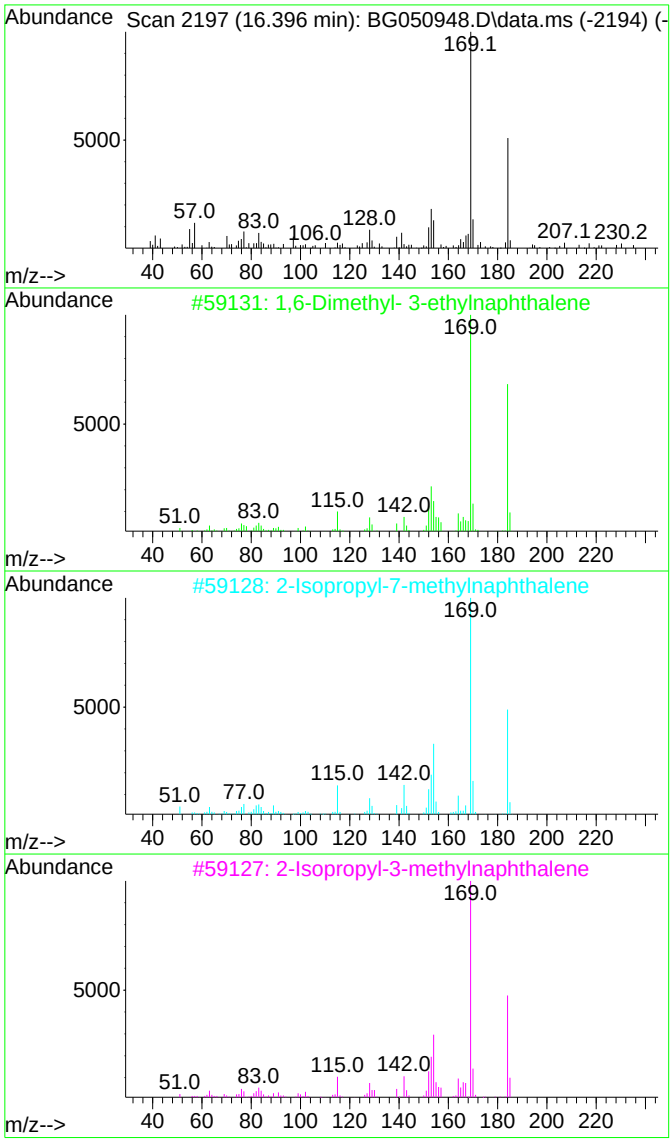
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

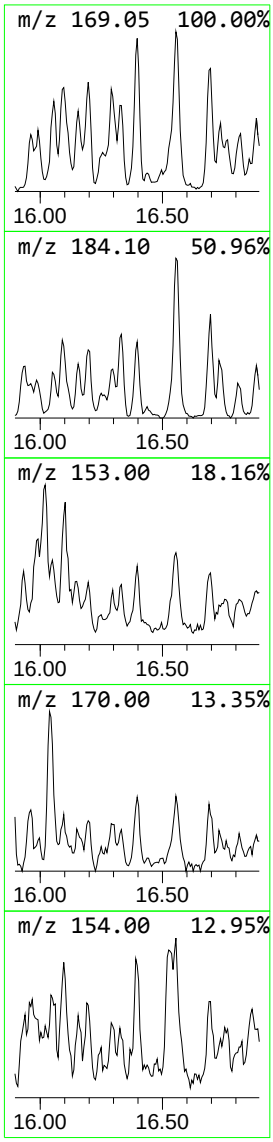
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 1,6-Dimethyl- 3-ethylnaphth... Concentration Rank 61

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.396 | 3.25 ng/ul | 94553 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,6-Dimethyl- 3-ethylnaphthalene | 184 | C14H16 | 1000383-71-8 | 91 |
| 2 | 2-Isopropyl-7-methylnaphthalene | 184 | C14H16 | 1000383-71-3 | 83 |
| 3 | 2-Isopropyl-3-methylnaphthalene | 184 | C14H16 | 1000383-71-2 | 80 |
| 4 | 1,6-Dimethyl-4-ethylnaphthalene ... | 184 | C14H16 | 1000383-71-7 | 80 |
| 5 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

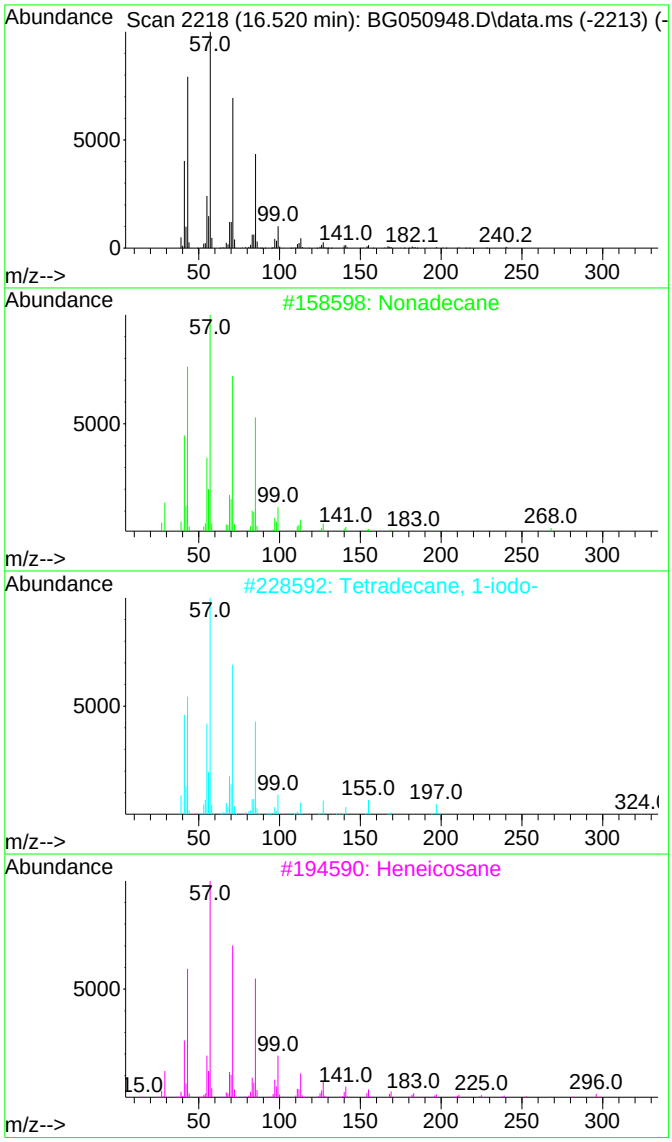
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

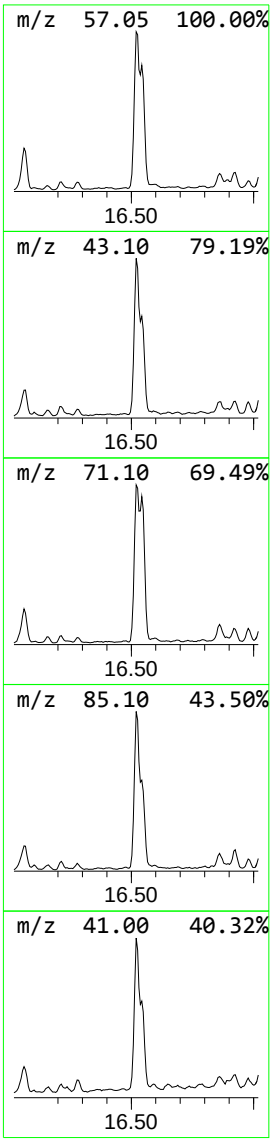
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.520 | 69.44 ng/ul | 2021550 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 2 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 90 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 4 | Tridecane, 7-propyl- | 226 | C16H34 | 055045-09-5 | 86 |
| 5 | Decane, 5-propyl- | 184 | C13H28 | 017312-62-8 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

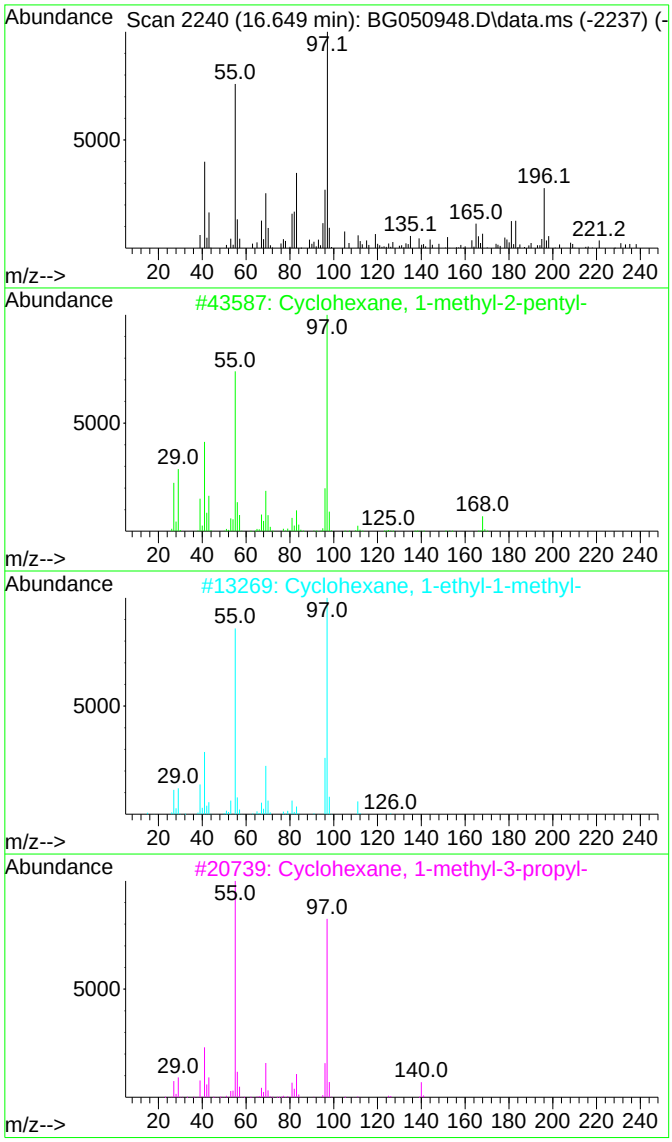
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

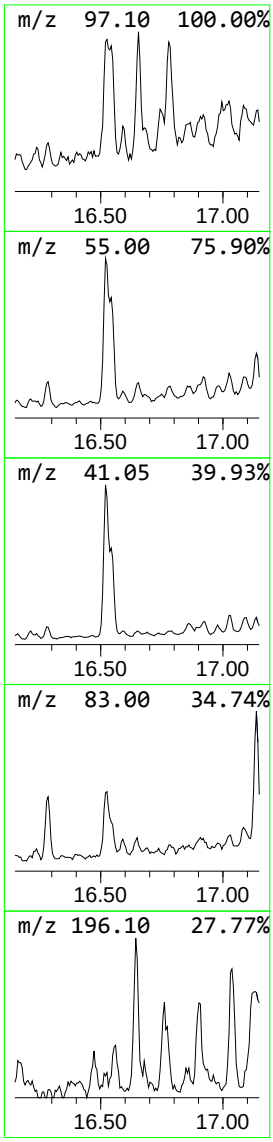
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 (DEL) Alkane: Cyclic16.649 Concentration Rank 64

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.649 | 2.81 ng/ul | 81672 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-methyl-2-pentyl- | 168 | C12H24 | 054411-01-7 | 49 |
| 2 | Cyclohexane, 1-ethyl-1-methyl- | 126 | C9H18 | 004926-90-3 | 49 |
| 3 | Cyclohexane, 1-methyl-3-propyl- | 140 | C10H20 | 004291-80-9 | 47 |
| 4 | Oxalic acid, cyclohexylmethyl de... | 326 | C19H34O4 | 1000309-68-7 | 47 |
| 5 | Oxalic acid, cyclohexylmethyl is... | 270 | C15H26O4 | 1000309-68-3 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

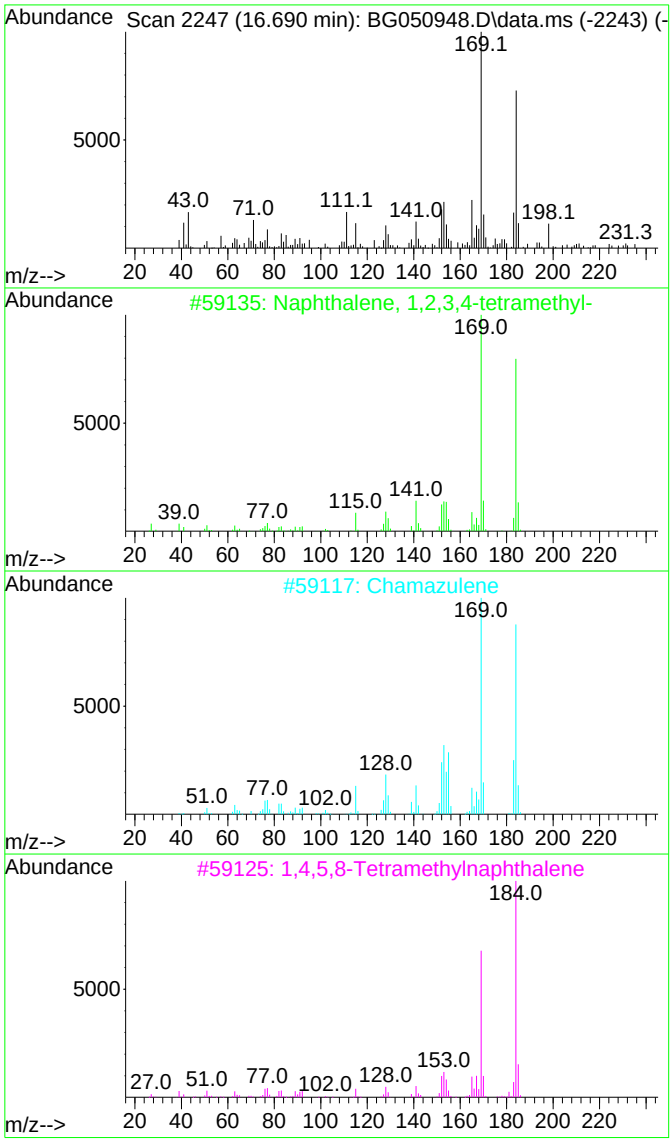
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

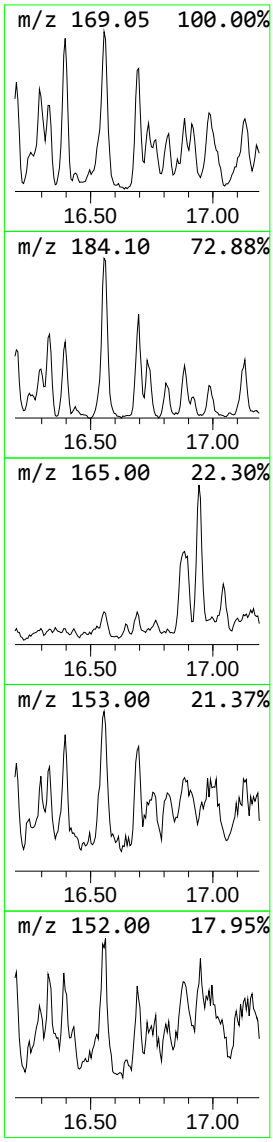
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 Naphthalene, 1,2,3,4-tetram... Concentration Rank 56

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.690 | 3.87 ng/ul | 112768 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetramethyl- | 184 | C14H16 | 003031-15-0 | 94 |
| 2 | Chamazulene | 184 | C14H16 | 000529-05-5 | 92 |
| 3 | 1,4,5,8-Tetramethylnaphthalene | 184 | C14H16 | 002717-39-7 | 91 |
| 4 | Chamazulene | 184 | C14H16 | 000529-05-5 | 91 |
| 5 | Naphthalene, 1-methyl-7-(1-methy... | 184 | C14H16 | 000490-65-3 | 89 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

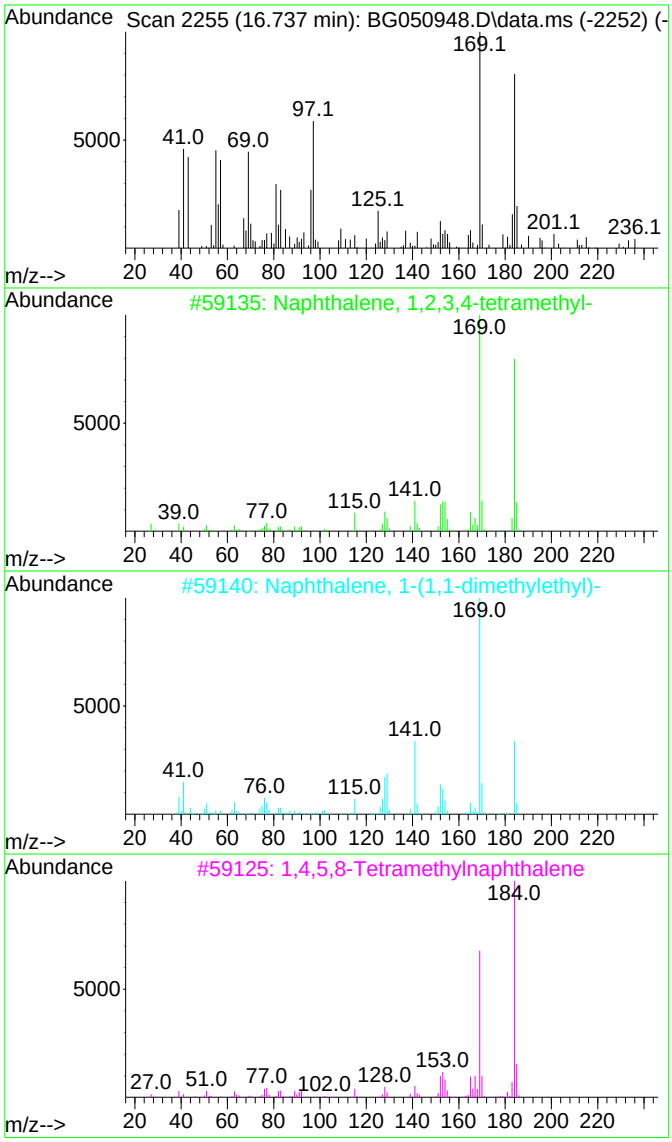
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

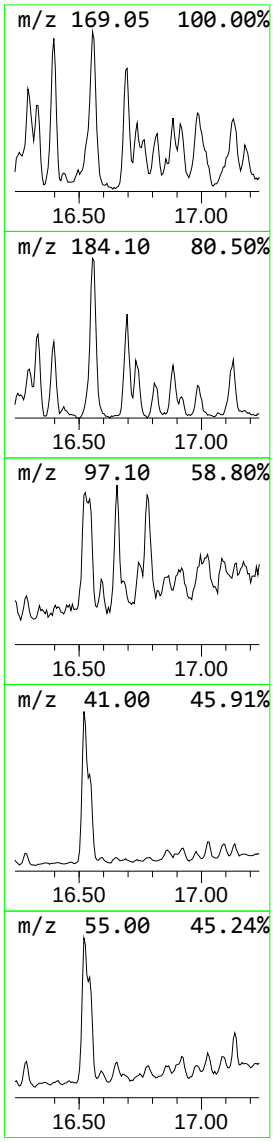
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 unknown-05 Concentration Rank 66

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.737 | 2.30 ng/ul | 66991 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetramethyl- | 184 | C14H16 | 003031-15-0 | 53 |
| 2 | Naphthalene, 1-(1,1-dimethylethyl)- | 184 | C14H16 | 017085-91-5 | 47 |
| 3 | 1,4,5,8-Tetramethylnaphthalene | 184 | C14H16 | 002717-39-7 | 43 |
| 4 | 1,1'-Biphenyl, 2-methoxy- | 184 | C13H12O | 000086-26-0 | 43 |
| 5 | Chamazulene | 184 | C14H16 | 000529-05-5 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

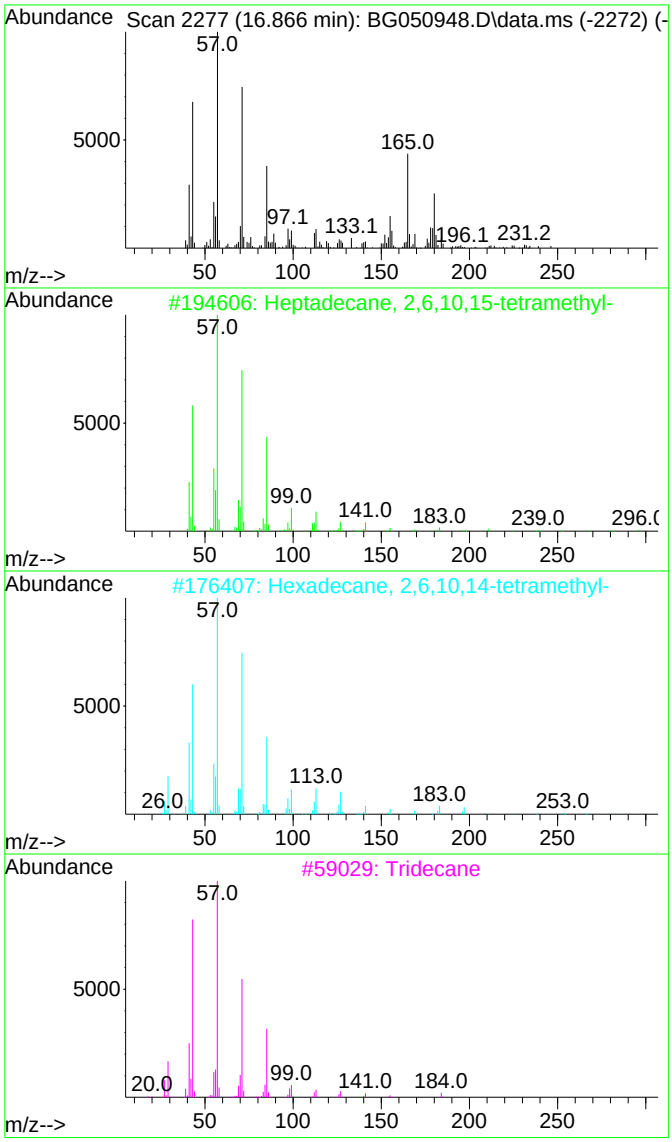
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

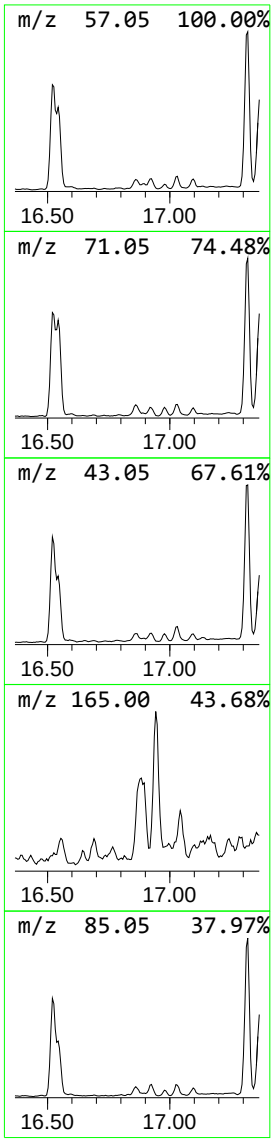
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.866 | 7.54 ng/ul | 219412 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 43 |
| 2 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 43 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 43 |
| 4 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 41 |
| 5 | Sulfurous acid, butyl nonyl ester | 264 | C13H28O3S | 1000309-17-6 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

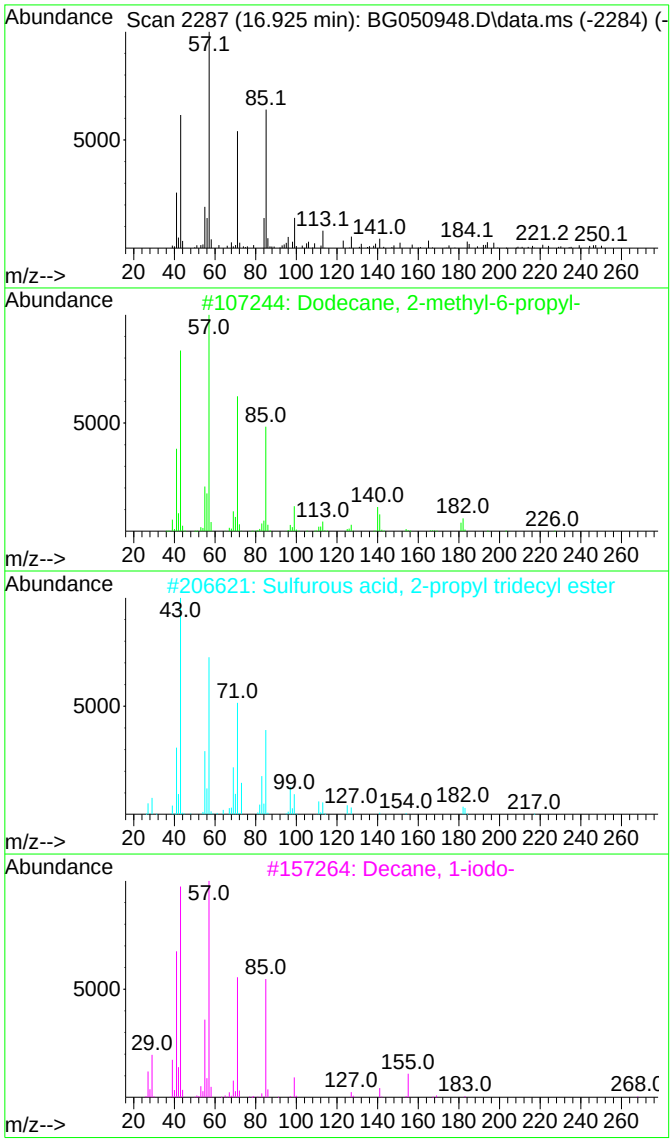
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

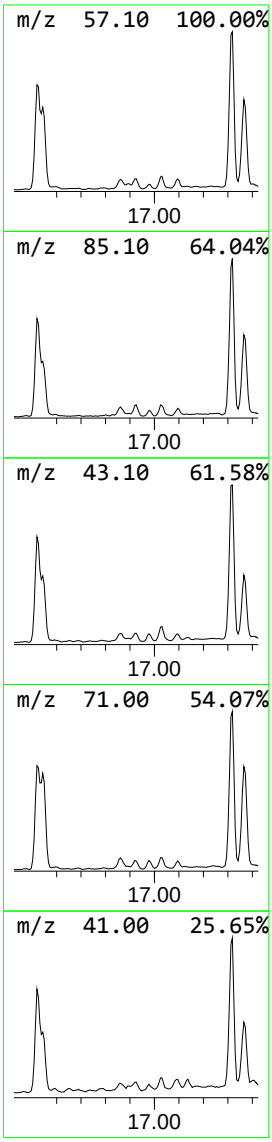
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 50

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.925 | 6.56 ng/ul | 191064 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 72 |
| 2 | Sulfurous acid, 2-propyl tridecy... | 306 | C16H34O3S | 1000309-12-4 | 64 |
| 3 | Decane, 1-iodo- | 268 | C10H21I | 002050-77-3 | 59 |
| 4 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 53 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

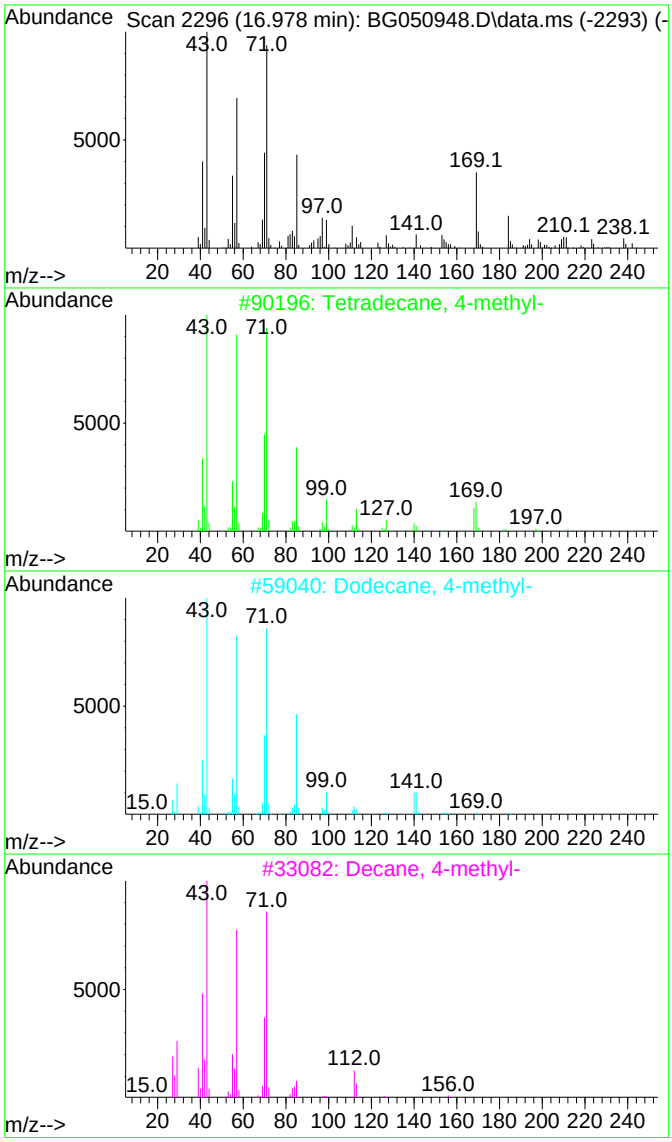
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

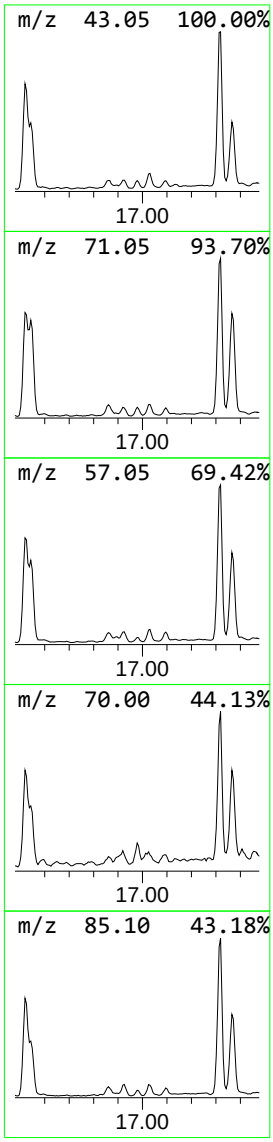
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 59

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.978 | 3.45 ng/ul | 100360 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane, 4-methyl- | 212 | C15H32 | 025117-24-2 | 72 |
| 2 | Dodecane, 4-methyl- | 184 | C13H28 | 006117-97-1 | 59 |
| 3 | Decane, 4-methyl- | 156 | C11H24 | 002847-72-5 | 49 |
| 4 | Octane, 6-ethyl-2-methyl- | 156 | C11H24 | 062016-19-7 | 47 |
| 5 | Nonane, 4,5-dimethyl- | 156 | C11H24 | 017302-23-7 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

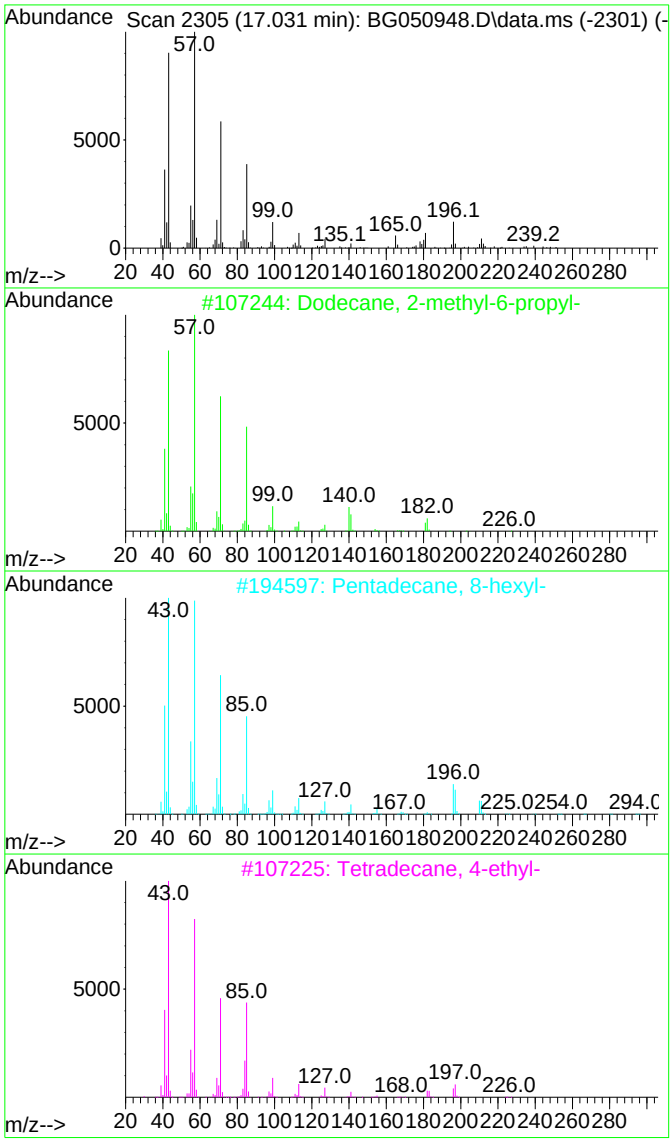
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

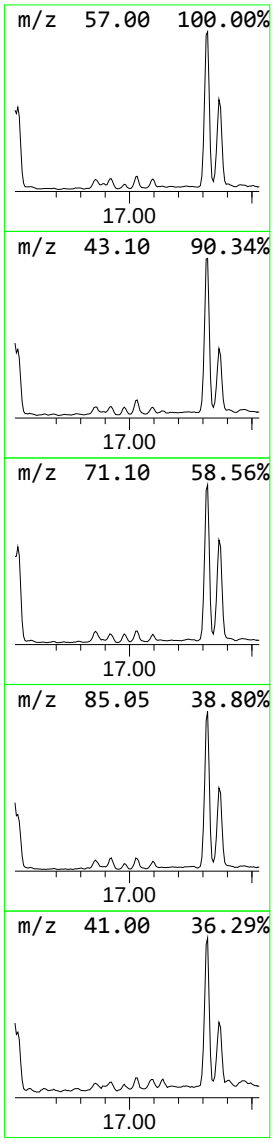
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 44

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.031 | 8.59 ng/ul | 250222 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 94 |
| 2 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 86 |
| 3 | Tetradecane, 4-ethyl- | 226 | C16H34 | 055045-14-2 | 81 |
| 4 | Benzeneacetic acid, 2-tetradecyl... | 332 | C22H36O2 | 1000282-02-4 | 80 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

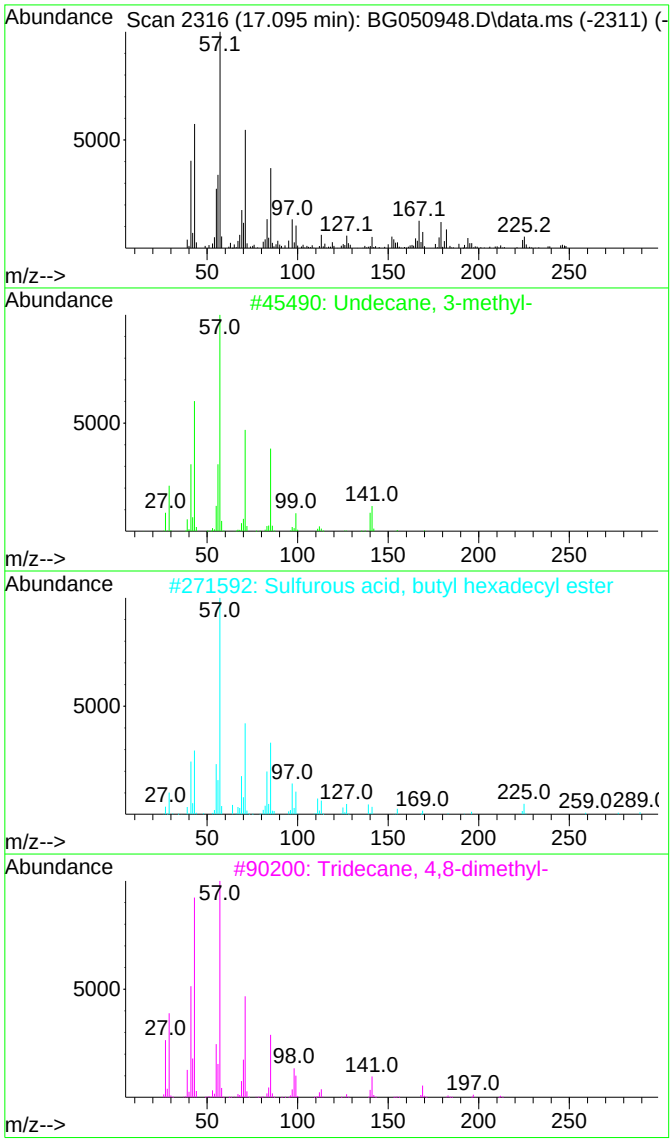
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

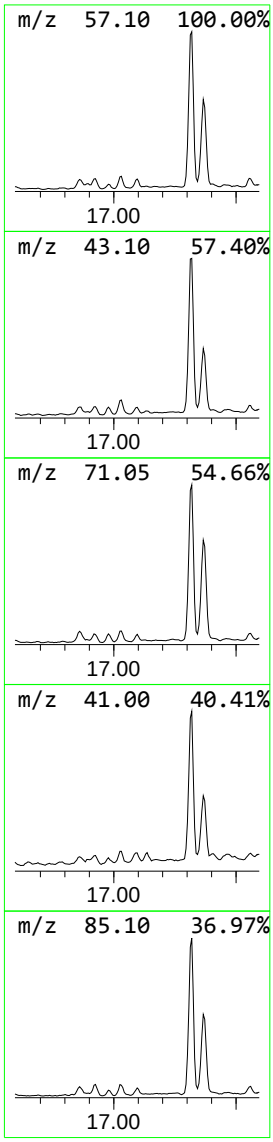
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 46

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.095 | 8.54 ng/ul | 248529 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 3-methyl- | 170 | C12H26 | 001002-43-3 | 64 |
| 2 | Sulfurous acid, butyl hexadecyl ... | 362 | C20H42O3S | 1000309-18-3 | 64 |
| 3 | Tridecane, 4,8-dimethyl- | 212 | C15H32 | 055030-62-1 | 62 |
| 4 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 58 |
| 5 | Sulfurous acid, butyl tetradecyl... | 334 | C18H38O3S | 1010309-18-1 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

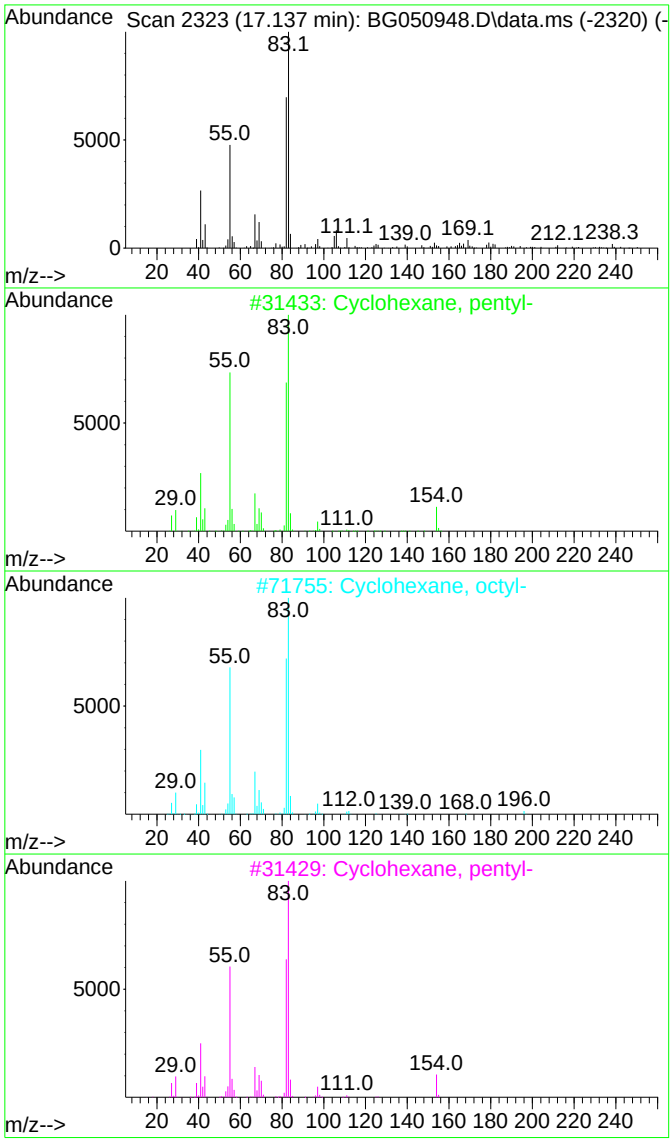
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

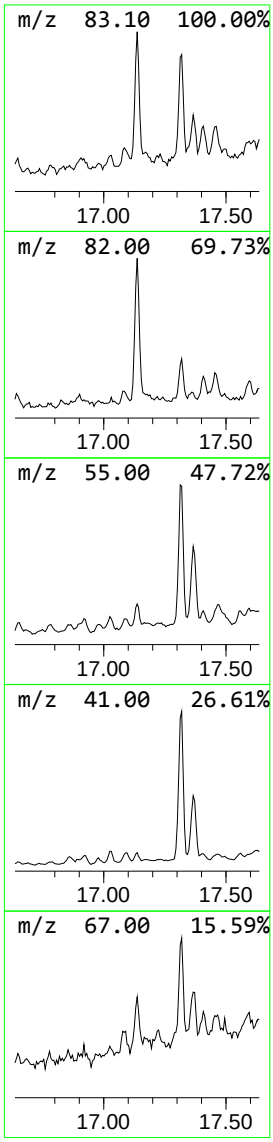
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 (DEL) Alkane: Cyclic17.137 Concentration Rank 55

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.137 | 4.32 ng/ul | 125825 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 83 |
| 2 | Cyclohexane, octyl- | 196 | C14H28 | 001795-15-9 | 83 |
| 3 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 83 |
| 4 | Cyclohexane, undecyl- | 238 | C17H34 | 054105-66-7 | 72 |
| 5 | Cyclohexane, tetradecyl- | 280 | C20H40 | 001795-18-2 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

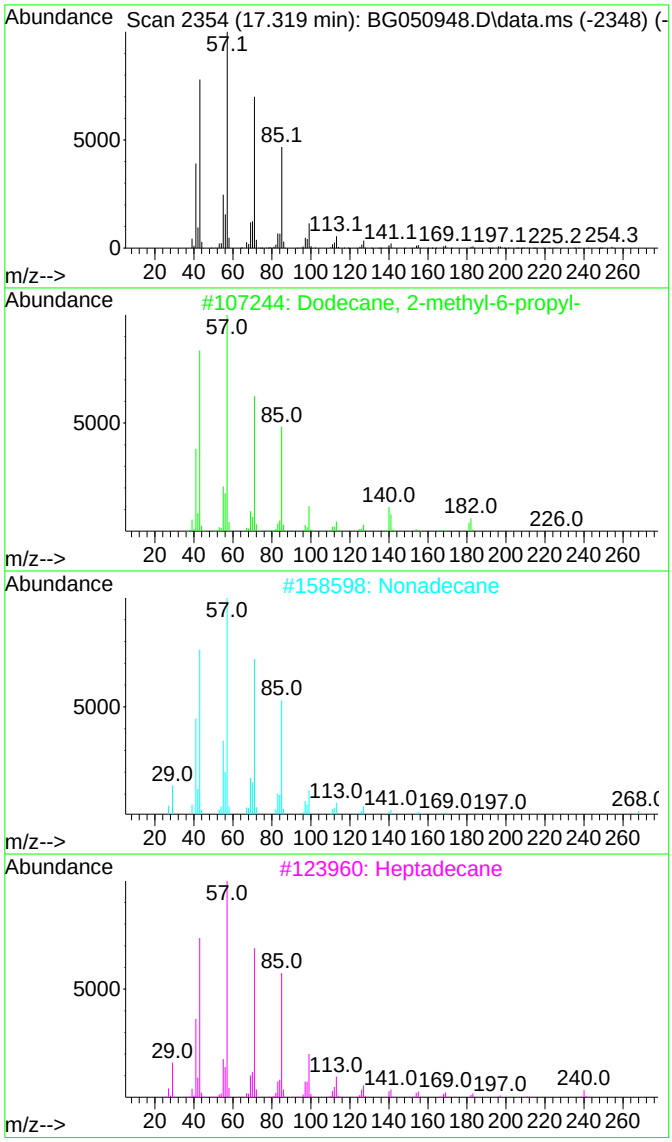
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

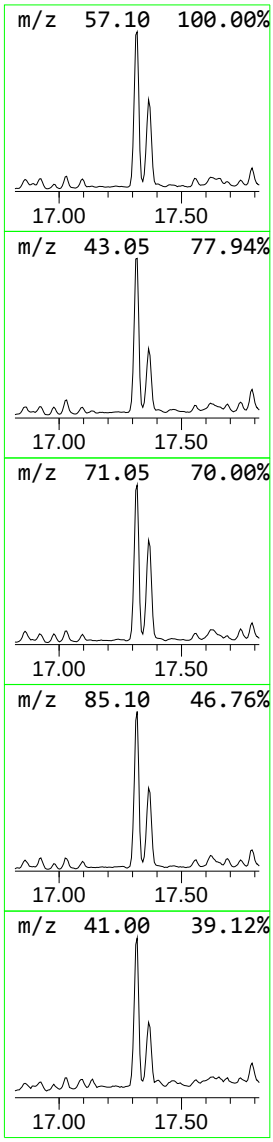
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.319 | 88.39 ng/ul | 2573250 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 93 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 4 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 90 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

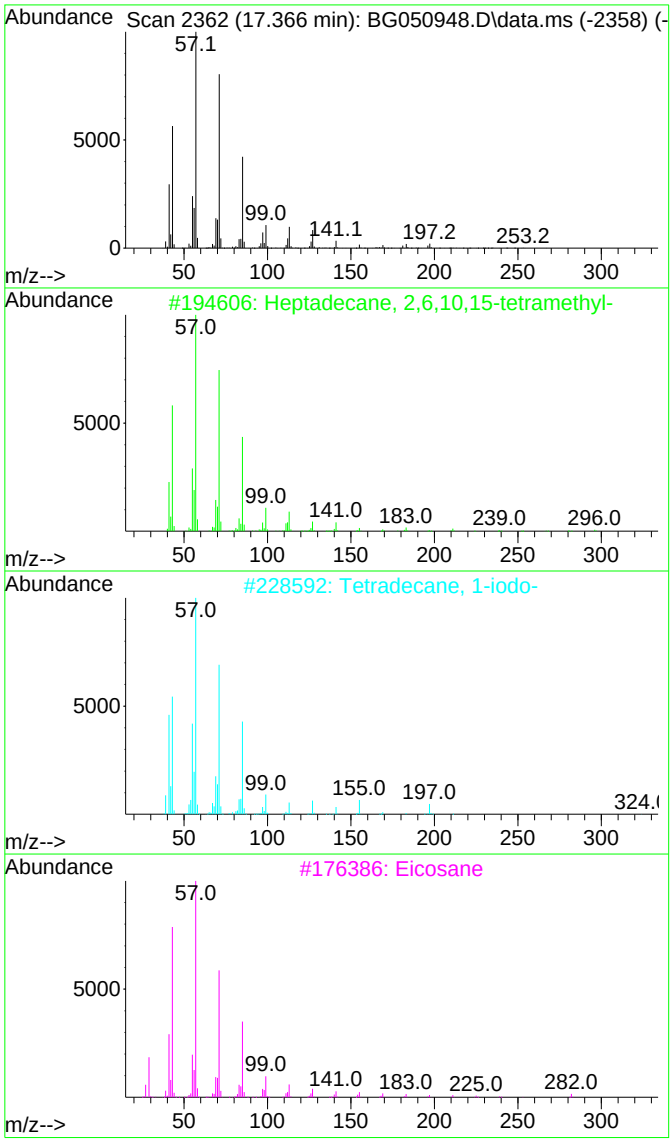
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

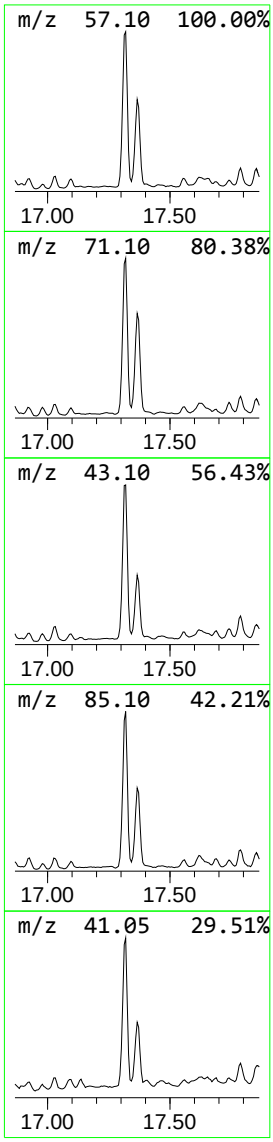
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.366 | 47.95 ng/ul | 1395870 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 91 |
| 2 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 90 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 90 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 90 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

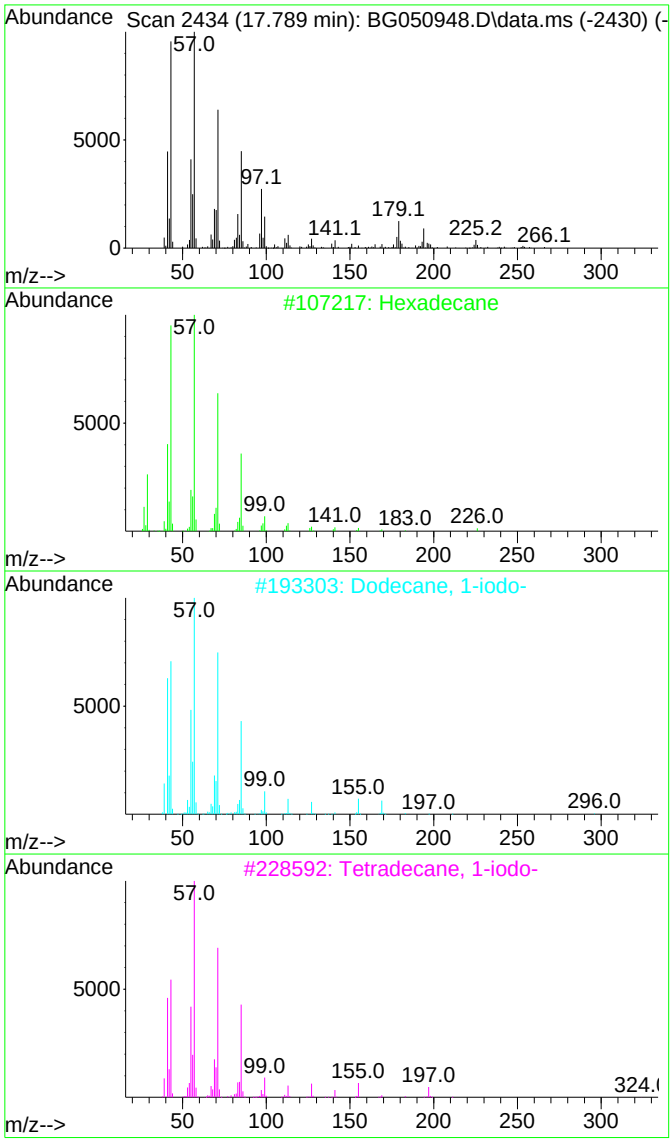
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

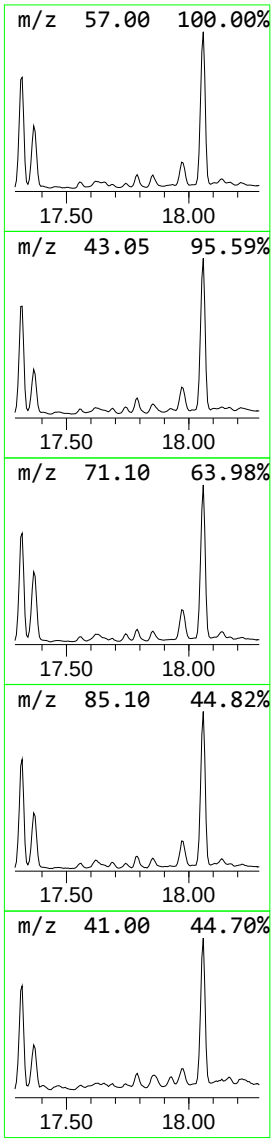
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.789 | 14.60 ng/ul | 424983 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |
| 2 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 68 |
| 3 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 68 |
| 4 | Nonadecane, 2-methyl- | 282 | C20H42 | 001560-86-7 | 64 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

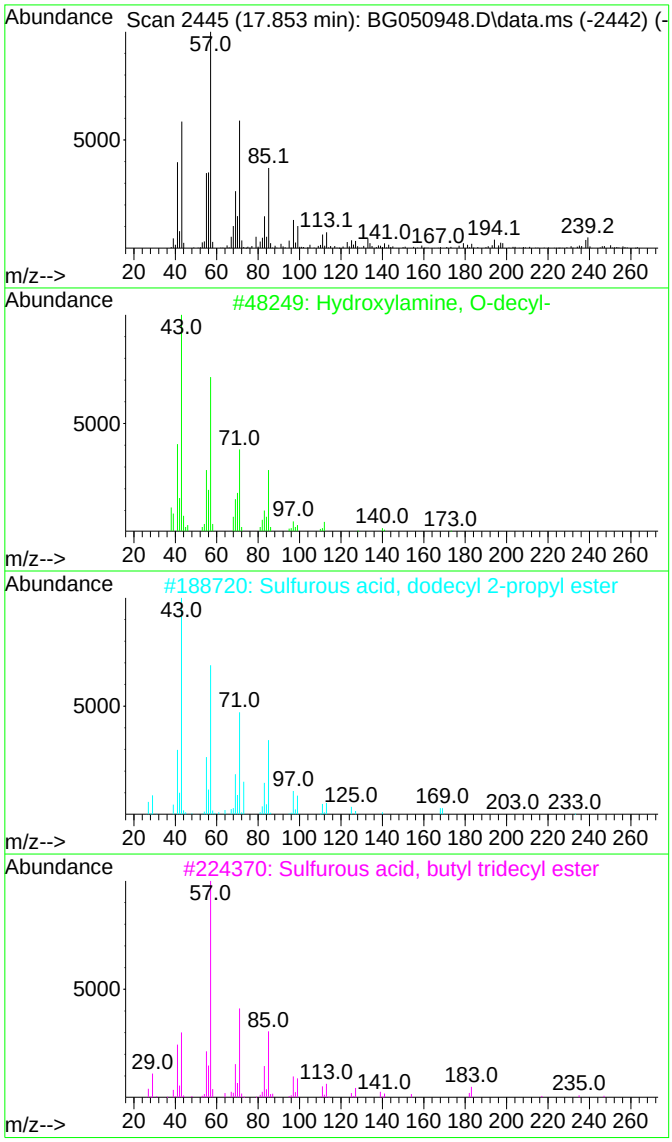
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

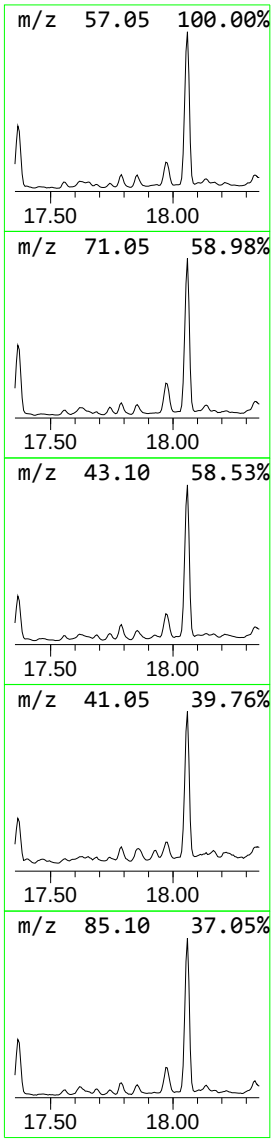
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 Hydroxylamine, O-decyl- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.853 | 15.44 ng/ul | 449457 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hydroxylamine, O-decyl- | 173 | C10H23NO | 029812-79-1 | 74 |
| 2 | Sulfurous acid, dodecyl 2-propyl... | 292 | C15H32O3S | 1000309-12-3 | 72 |
| 3 | Sulfurous acid, butyl tridecyl e... | 320 | C17H36O3S | 1000309-18-0 | 72 |
| 4 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 72 |
| 5 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

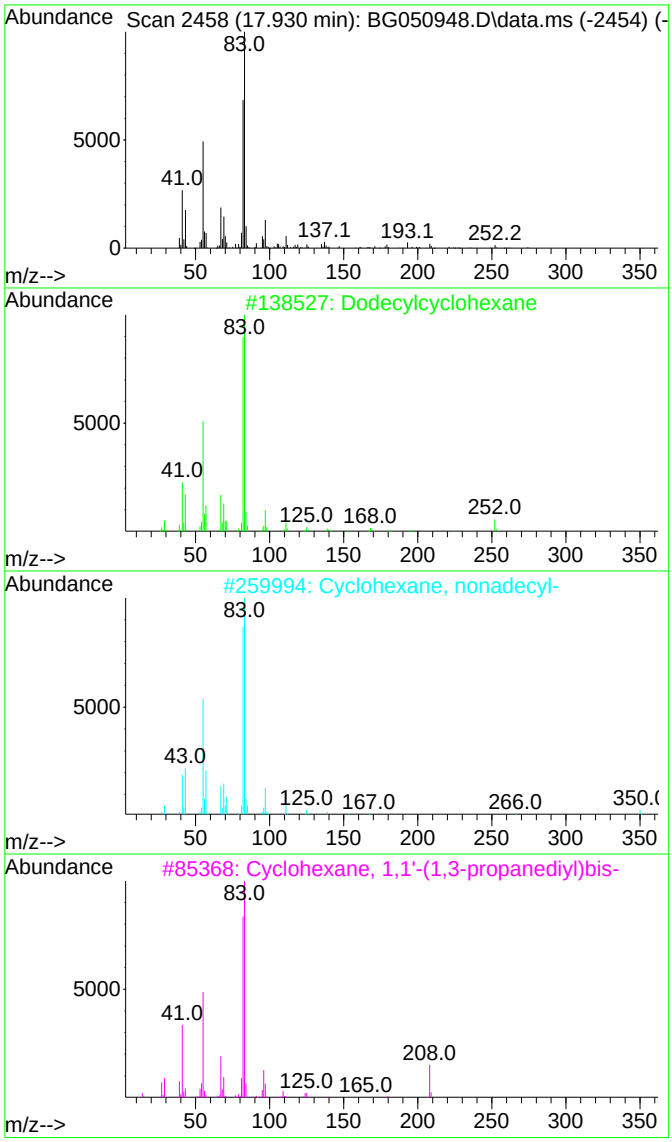
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

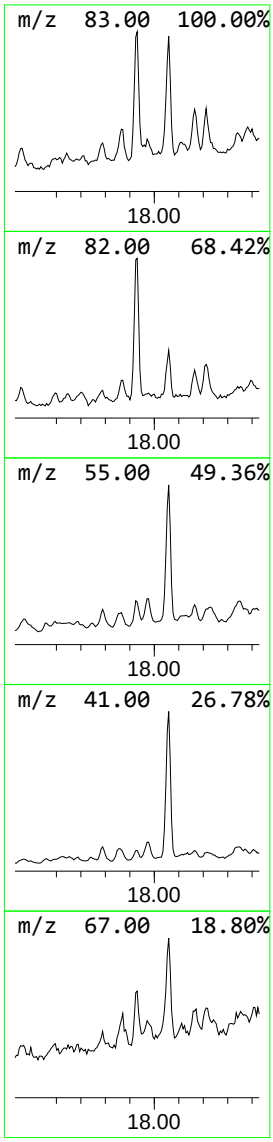
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 (DEL) Alkane: Cyclic17.930 Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.930 | 9.23 ng/ul | 268619 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecylcyclohexane | 252 | C18H36 | 001795-17-1 | 94 |
| 2 | Cyclohexane, nonadecyl- | 350 | C25H50 | 022349-03-7 | 90 |
| 3 | Cyclohexane, 1,1'-(1,3-propanedi... | 208 | C15H28 | 003178-24-3 | 87 |
| 4 | Cyclohexane, eicosyl- | 364 | C26H52 | 004443-55-4 | 83 |
| 5 | Cyclohexane, octyl- | 196 | C14H28 | 001795-15-9 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

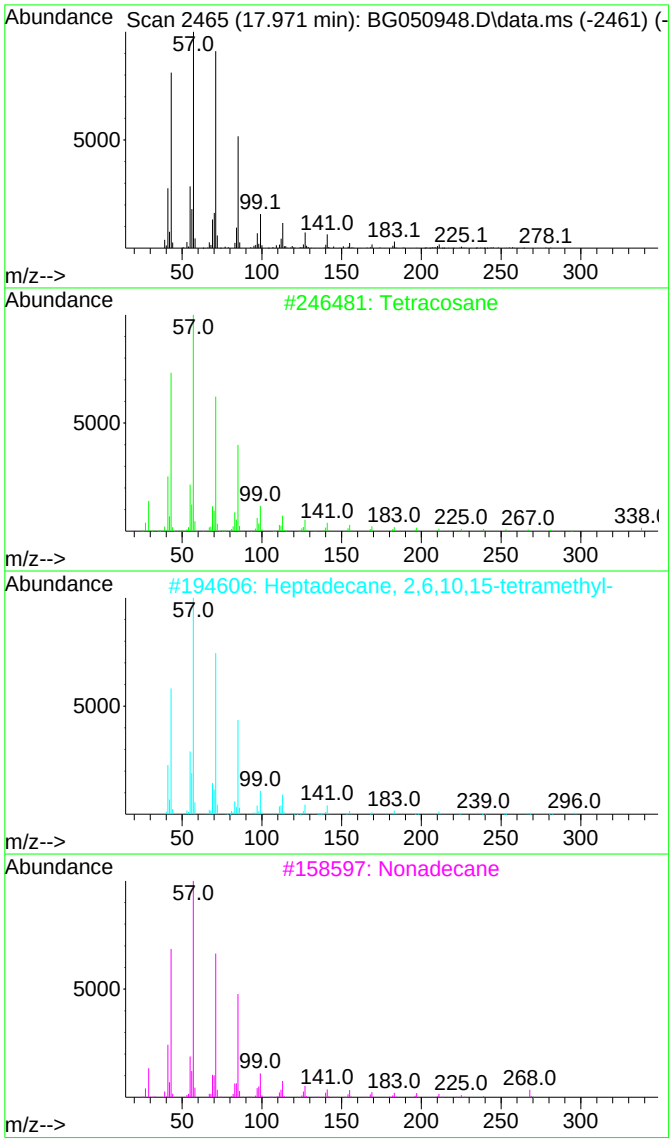
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

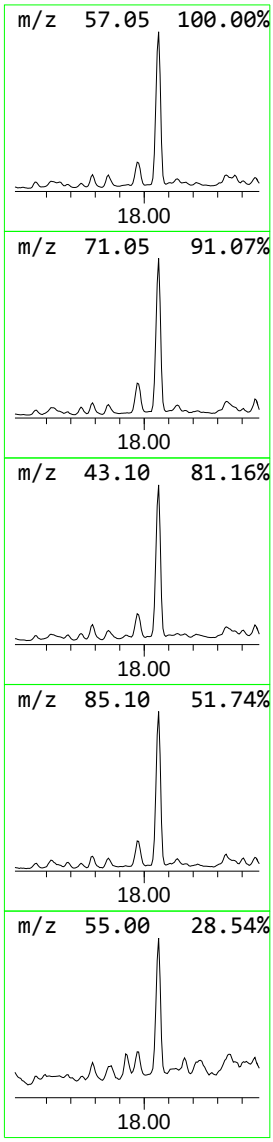
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.971 | 26.85 ng/ul | 781597 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 2 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 91 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 90 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

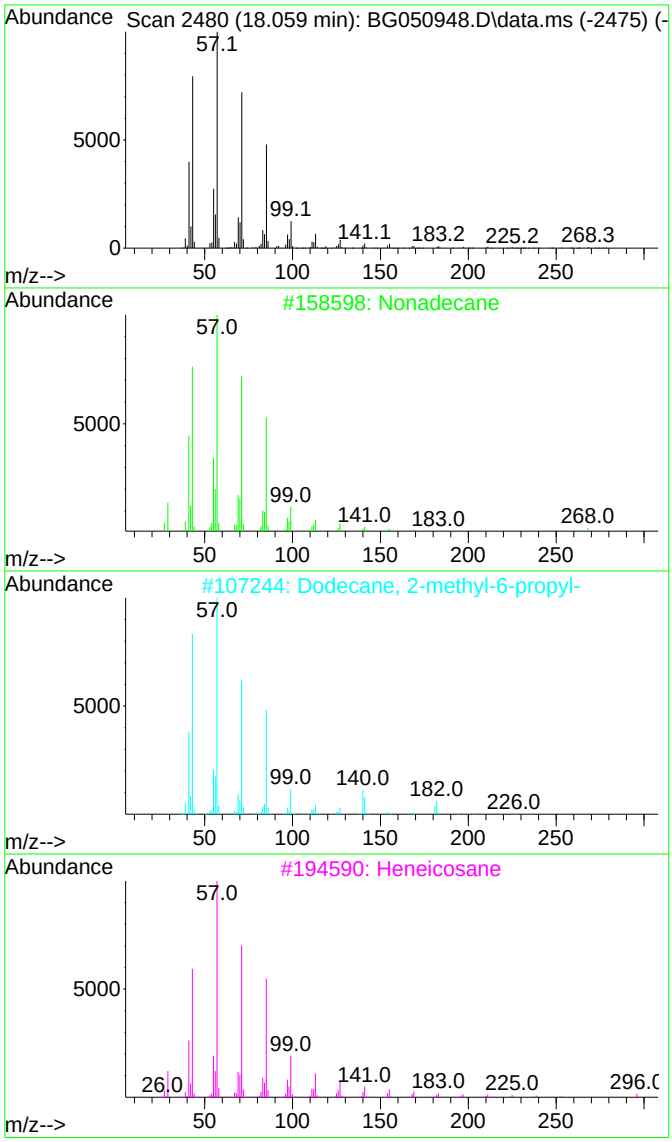
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

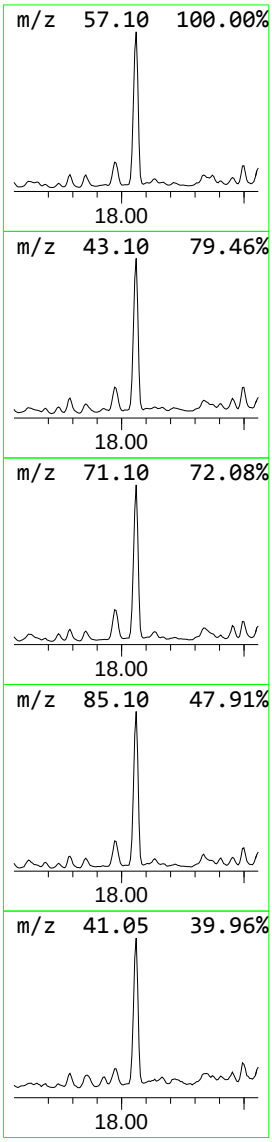
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.059 | 126.08 ng/ul | 3670750 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 98 |
| 2 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 93 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 5 | 9-methylheptadecane | 254 | C18H38 | 026741-18-4 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

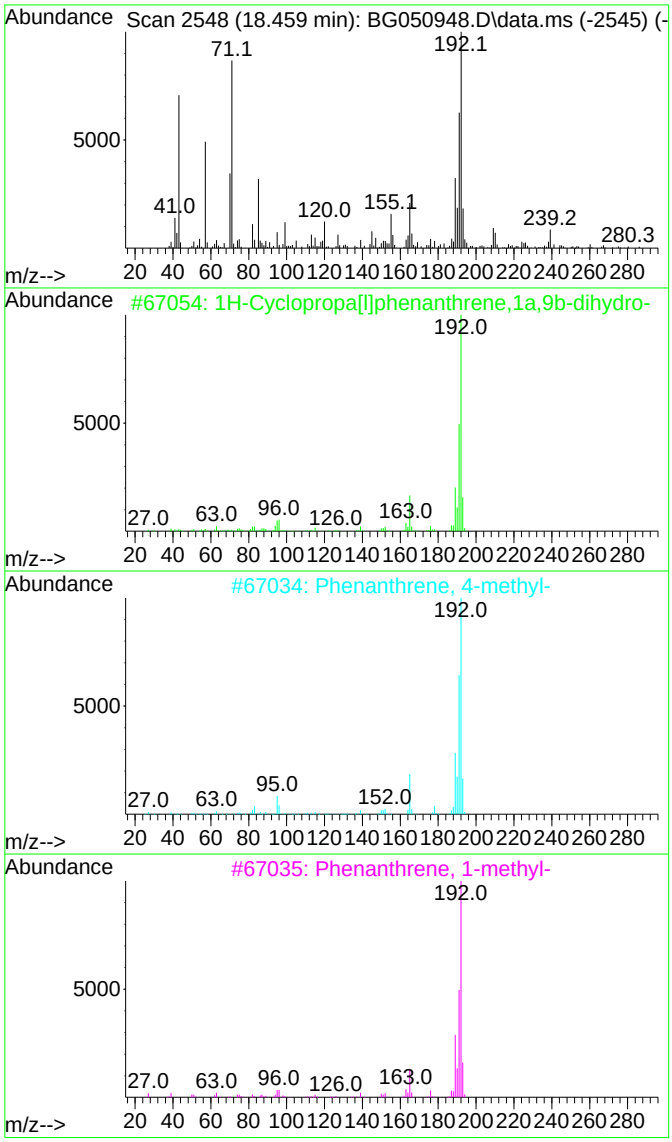
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

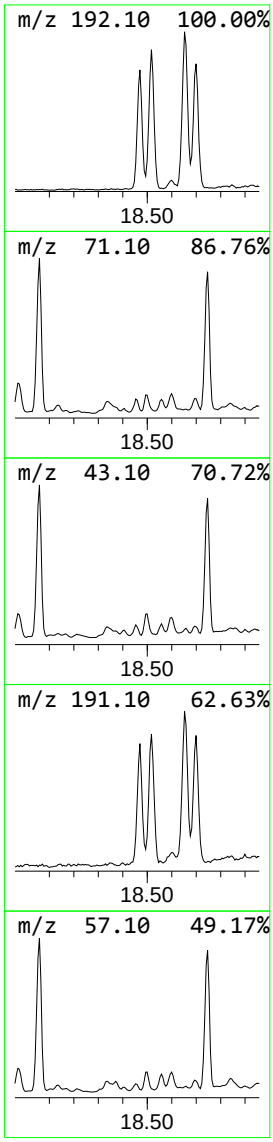
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 44 1H-Cyclopropa[l]phenanthren... Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.459 | 8.55 ng/ul | 248965 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 64 |
| 2 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 50 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 50 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 50 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

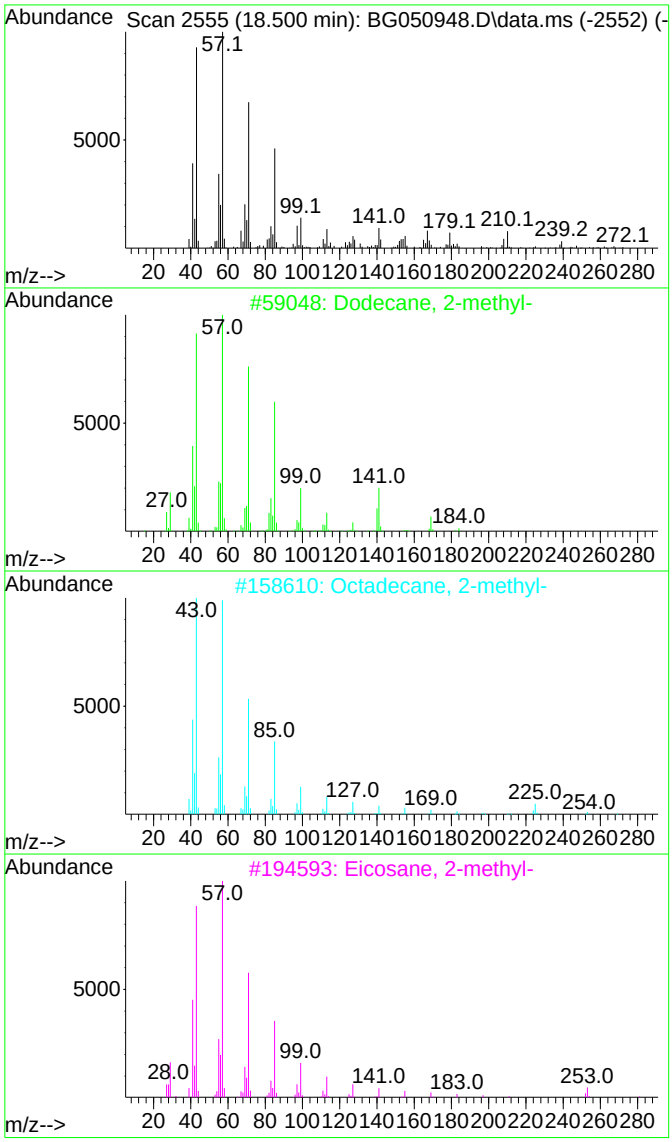
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

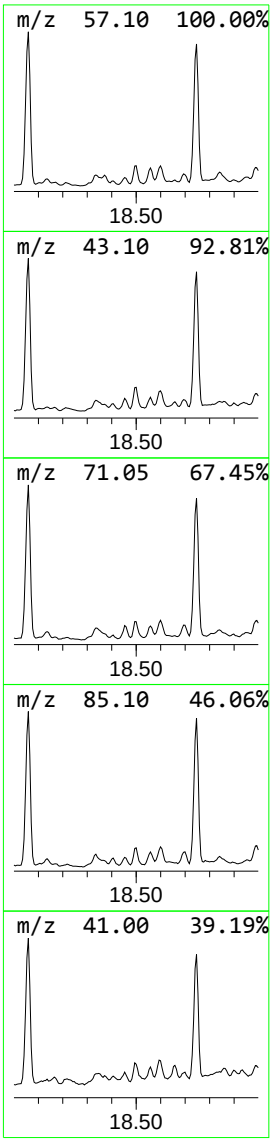
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.500 | 24.13 ng/ul | 702432 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2-methyl- | 184 | C13H28 | 001560-97-0 | 89 |
| 2 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 87 |
| 3 | Eicosane, 2-methyl- | 296 | C21H44 | 001560-84-5 | 87 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 86 |
| 5 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

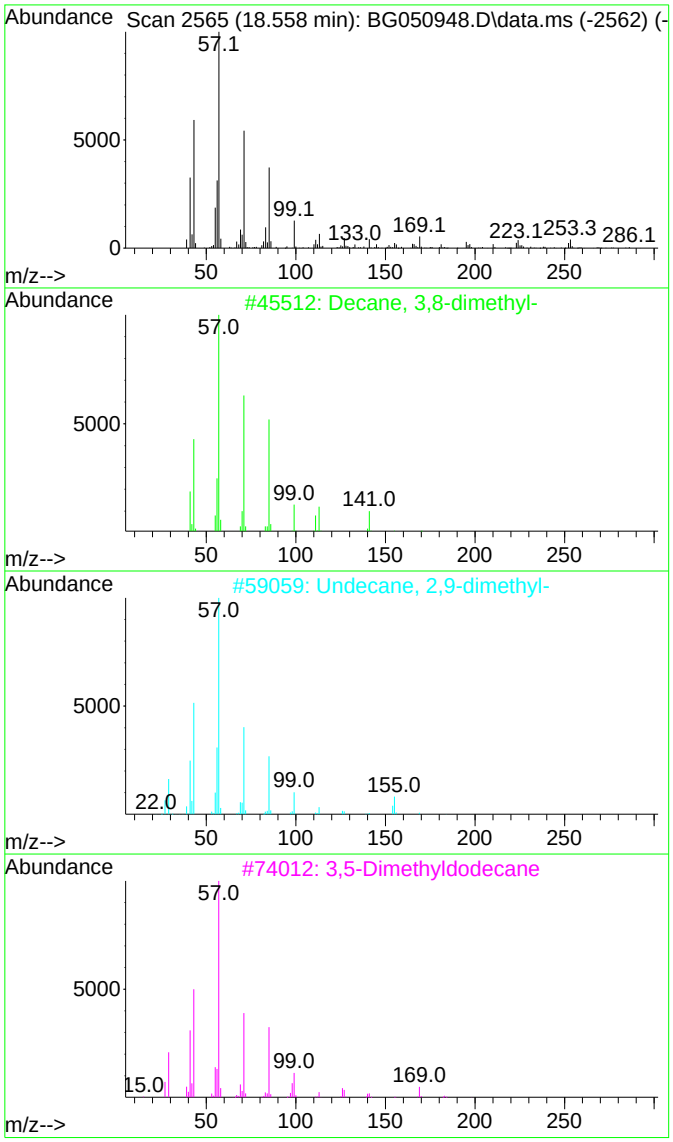
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

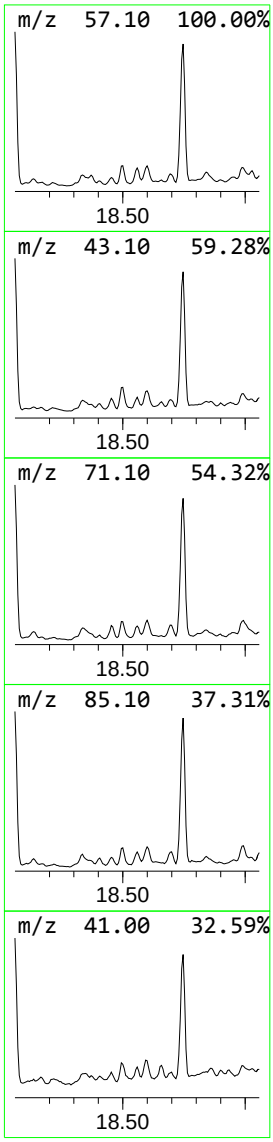
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.558 | 9.19 ng/ul | 267443 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 3,8-dimethyl- | 170 | C12H26 | 017312-55-9 | 83 |
| 2 | Undecane, 2,9-dimethyl- | 184 | C13H28 | 017301-26-7 | 80 |
| 3 | 3,5-Dimethyldodecane | 198 | C14H30 | 107770-99-0 | 76 |
| 4 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 68 |
| 5 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

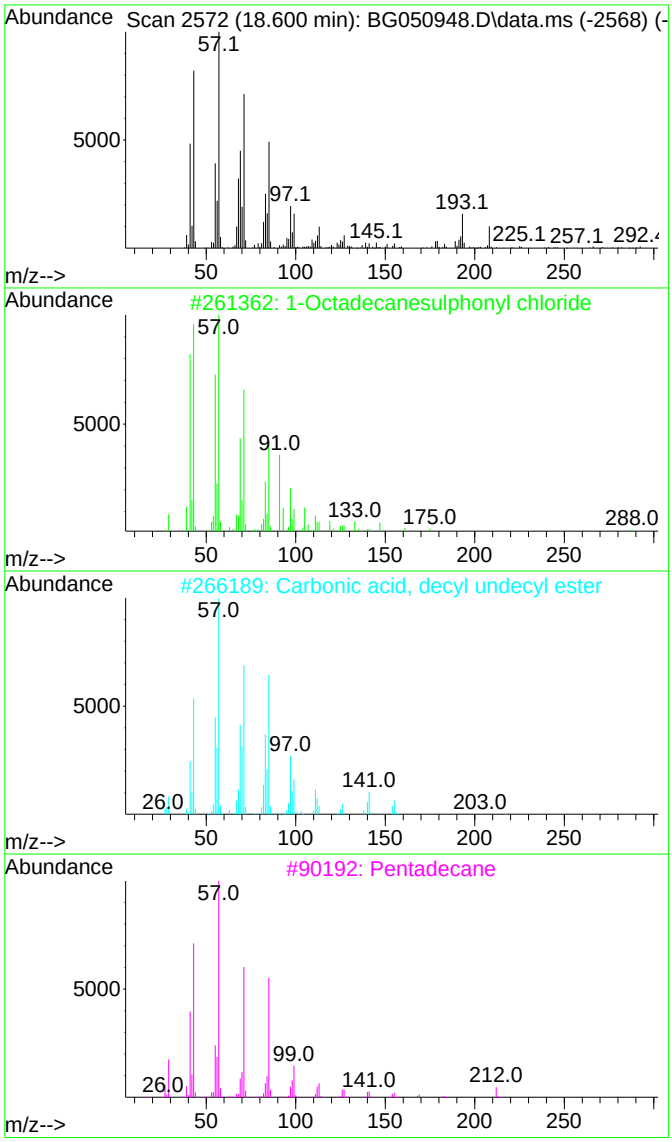
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

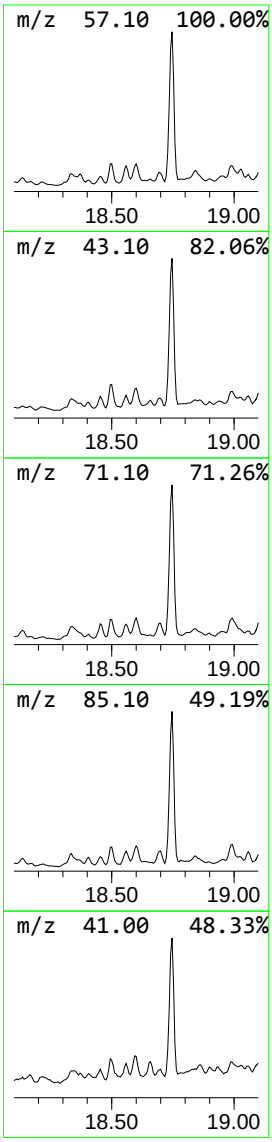
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 47 1-Octadecanesulphonyl chloride Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.599 | 19.21 ng/ul | 559279 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Octadecanesulphonyl chloride | 352 | C18H37ClO2S | 1000342-70-4 | 83 |
| 2 | Carbonic acid, decyl undecyl ester | 356 | C22H44O3 | 1000383-16-0 | 72 |
| 3 | Pentadecane | 212 | C15H32 | 000629-62-9 | 64 |
| 4 | Carbonic acid, octadecyl vinyl e... | 340 | C21H40O3 | 1000382-54-4 | 64 |
| 5 | Carbonic acid, tetradecyl vinyl ... | 284 | C17H32O3 | 1000382-54-5 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

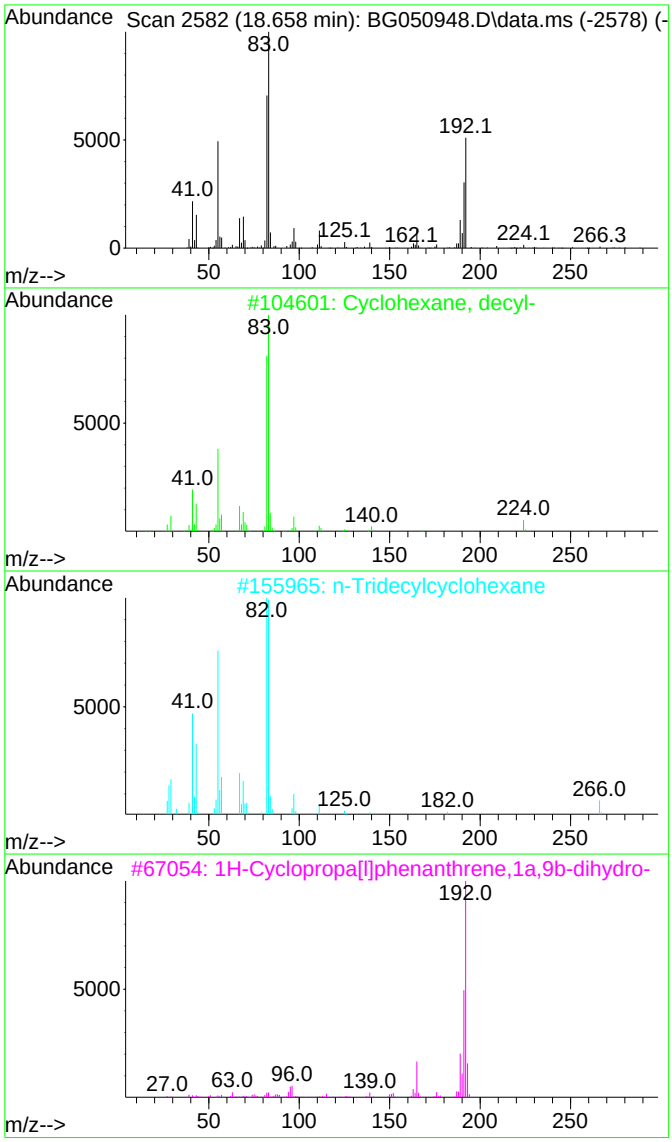
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

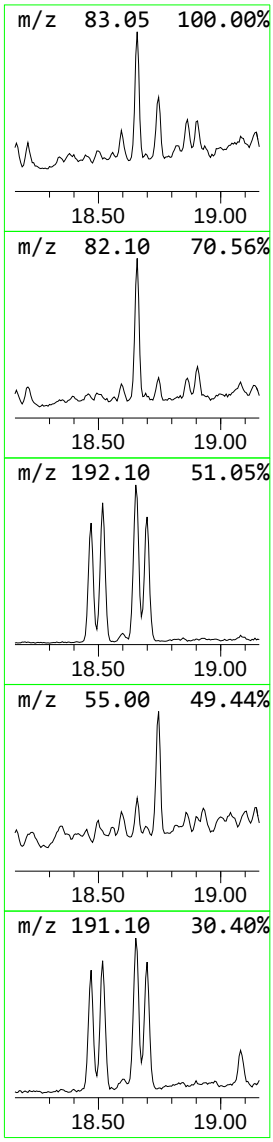
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 48 (DEL) Alkane: Cyclic18.658 Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.658 | 19.75 ng/ul | 574886 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, decyl- | 224 | C16H32 | 001795-16-0 | 49 |
| 2 | n-Tridecylcyclohexane | 266 | C19H38 | 006006-33-3 | 42 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 35 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 35 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

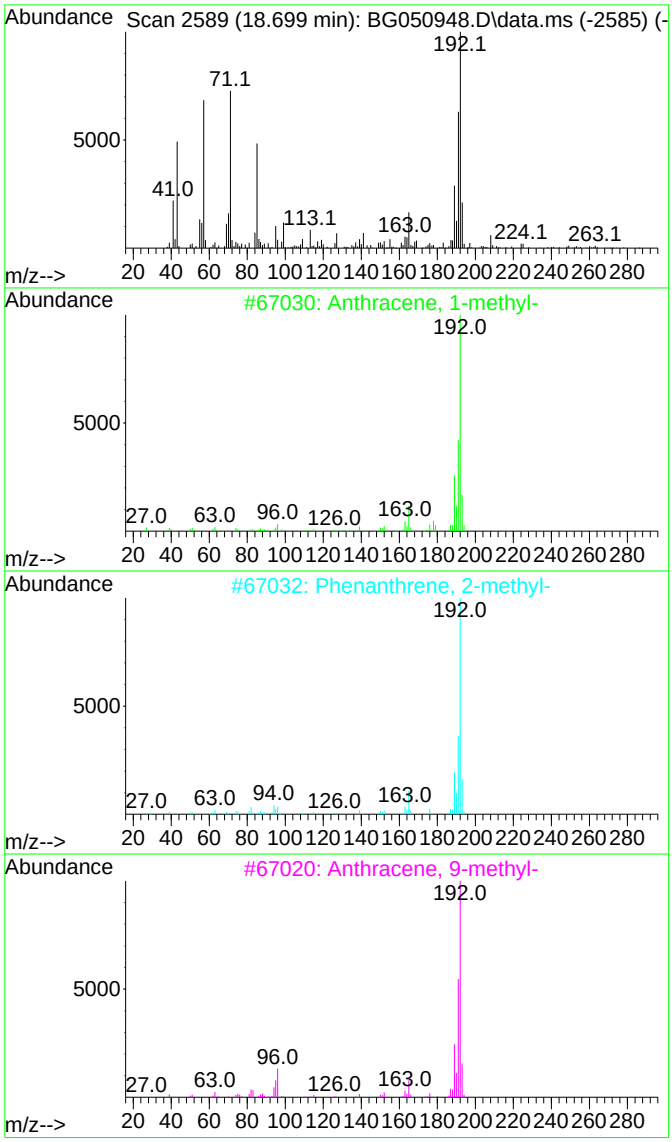
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

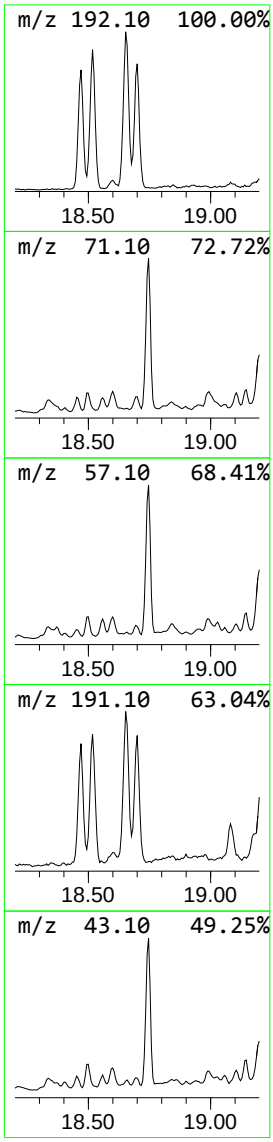
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 49 Anthracene, 1-methyl- Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.699 | 13.00 ng/ul | 378577 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 91 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 86 |
| 3 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 78 |
| 4 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 78 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

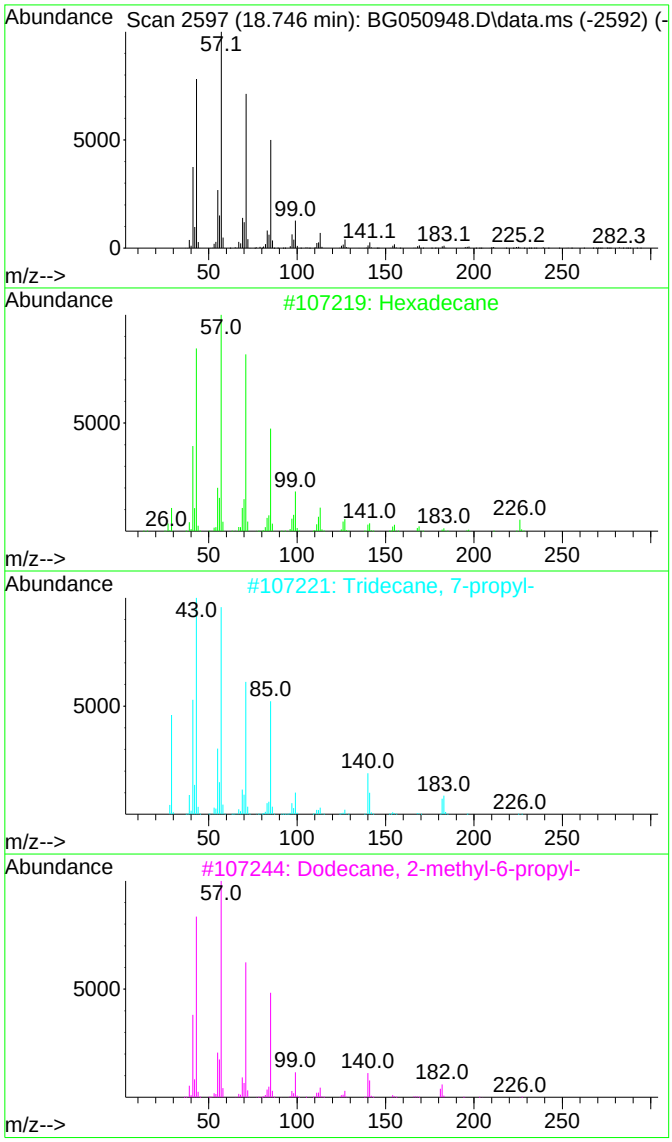
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

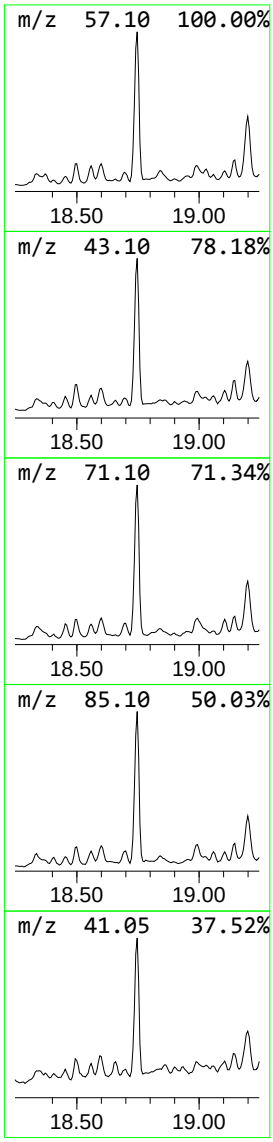
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.746 | 105.93 ng/ul | 3084050 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 94 |
| 2 | Tridecane, 7-propyl- | 226 | C16H34 | 055045-09-5 | 93 |
| 3 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 93 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

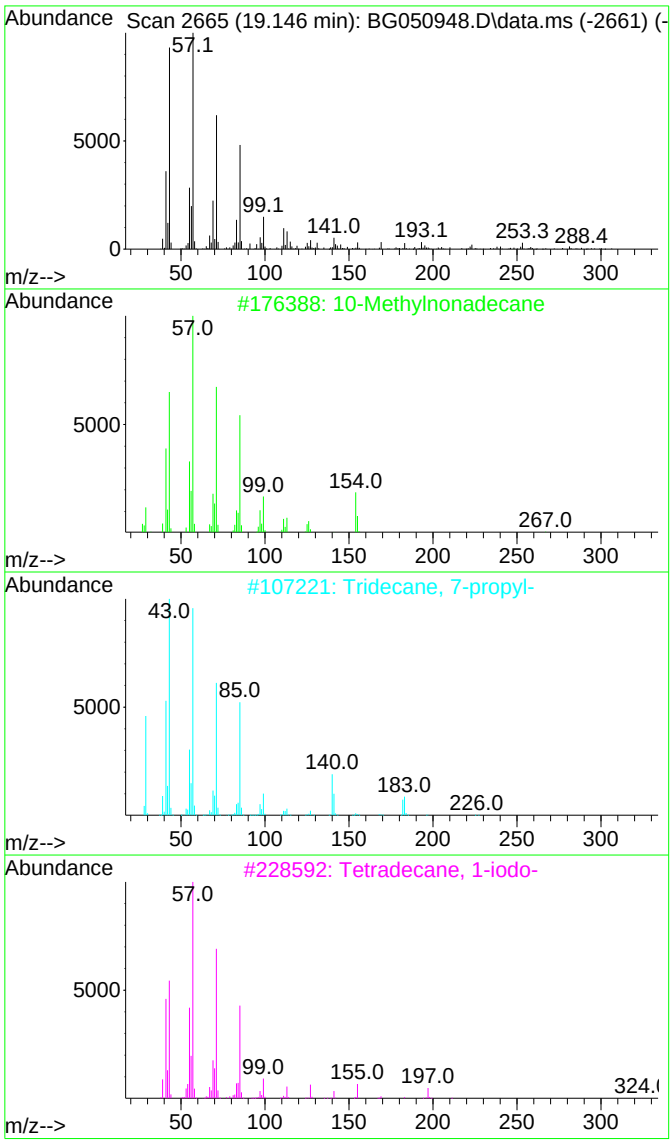
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

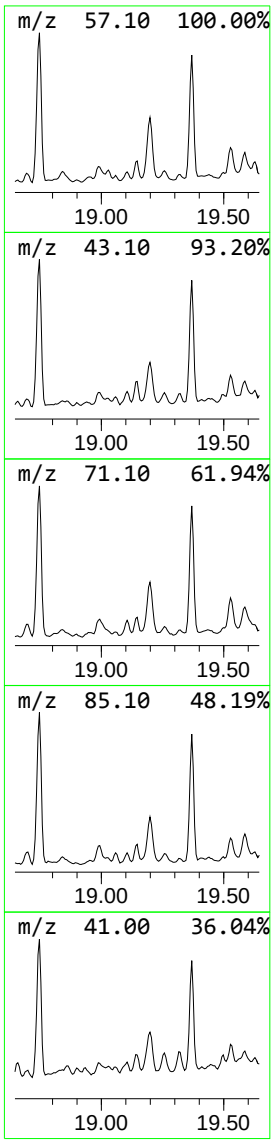
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.146 | 15.62 ng/ul | 454872 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 86 |
| 2 | Tridecane, 7-propyl- | 226 | C16H34 | 055045-09-5 | 80 |
| 3 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 80 |
| 4 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 80 |
| 5 | 2-Bromotetradecane | 276 | C14H29Br | 074036-95-6 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

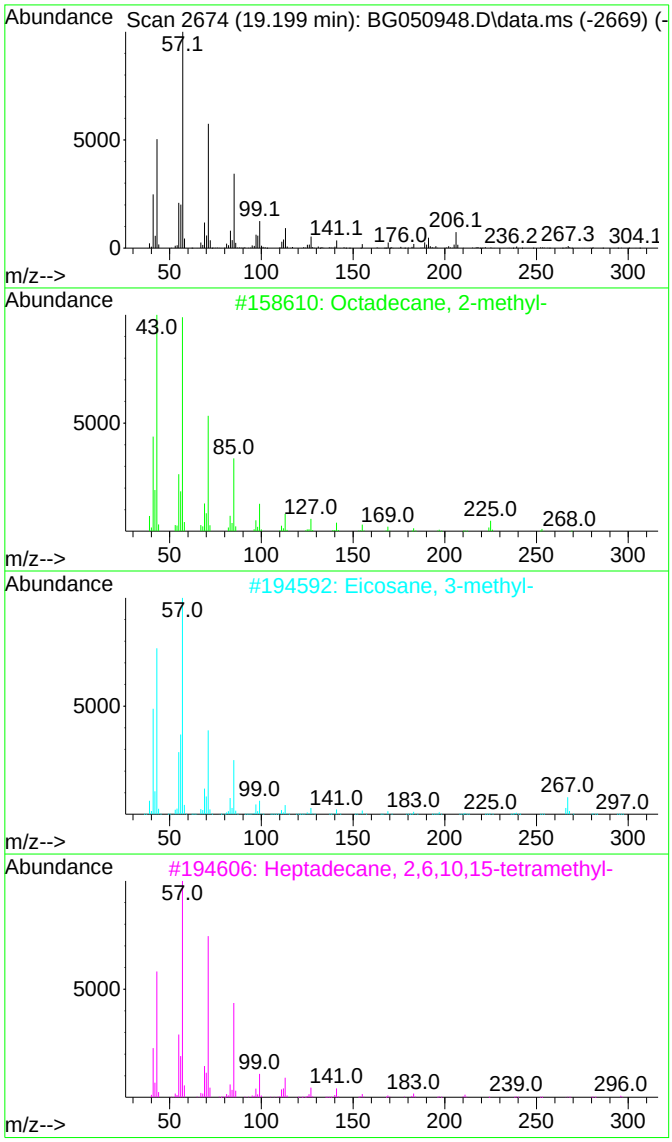
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

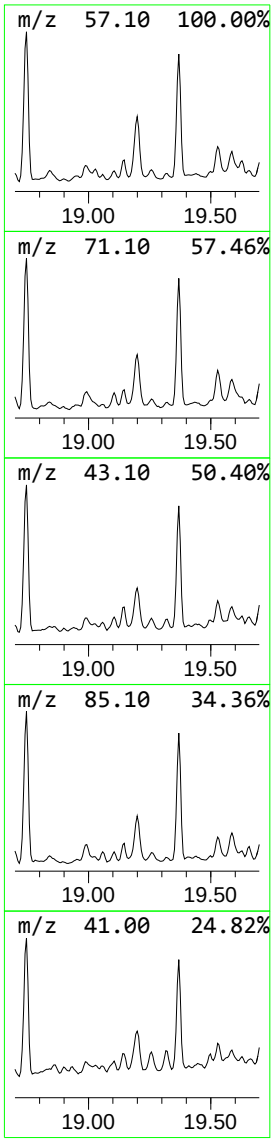
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.199 | 54.28 ng/ul | 1580170 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 93 |
| 2 | Eicosane, 3-methyl- | 296 | C21H44 | 006418-46-8 | 89 |
| 3 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 87 |
| 4 | Tridecane, 3-methyl- | 198 | C14H30 | 006418-41-3 | 86 |
| 5 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

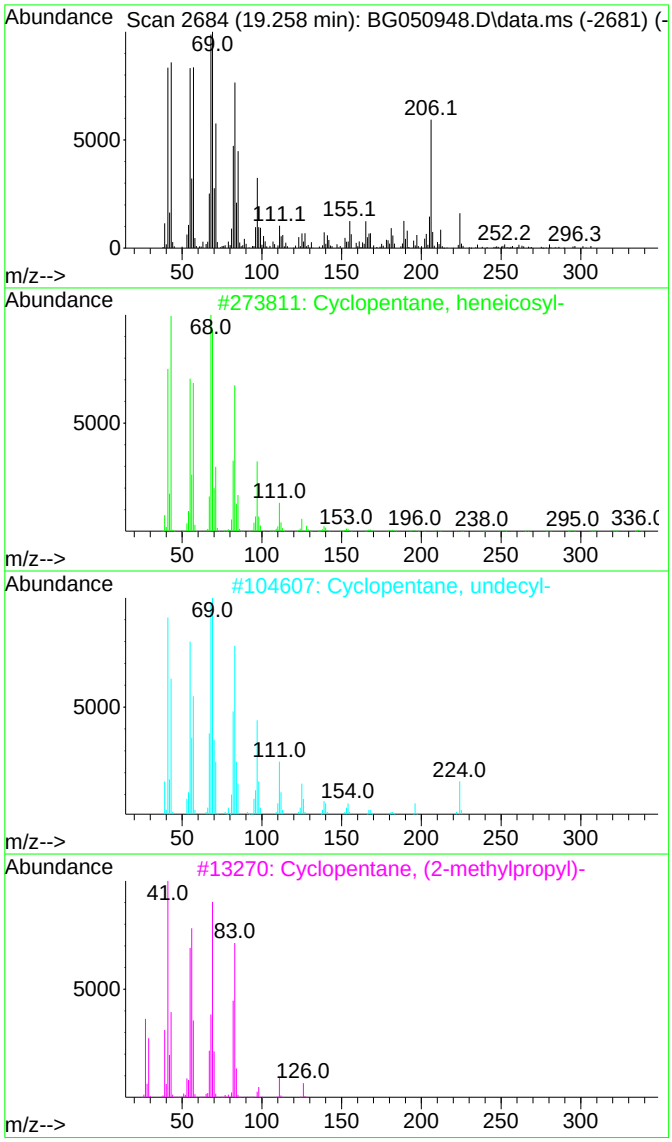
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

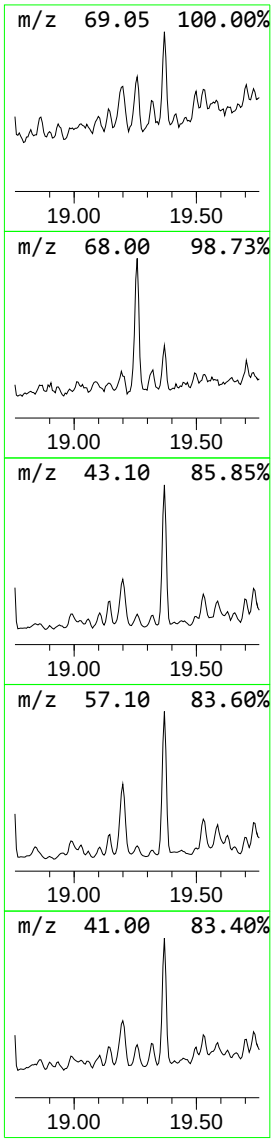
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 53 (DEL) Alkane: Cyclic19.258 Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.258 | 18.47 ng/ul | 537640 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, heneicosyl- | 364 | C26H52 | 006703-82-8 | 68 |
| 2 | Cyclopentane, undecyl- | 224 | C16H32 | 006785-23-5 | 64 |
| 3 | Cyclopentane, (2-methylpropyl)- | 126 | C9H18 | 003788-32-7 | 55 |
| 4 | Dodecane, 4-cyclohexyl- | 252 | C18H36 | 013151-84-3 | 38 |
| 5 | Octadecane, 1-(ethenyloxy)- | 296 | C20H40O | 000930-02-9 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

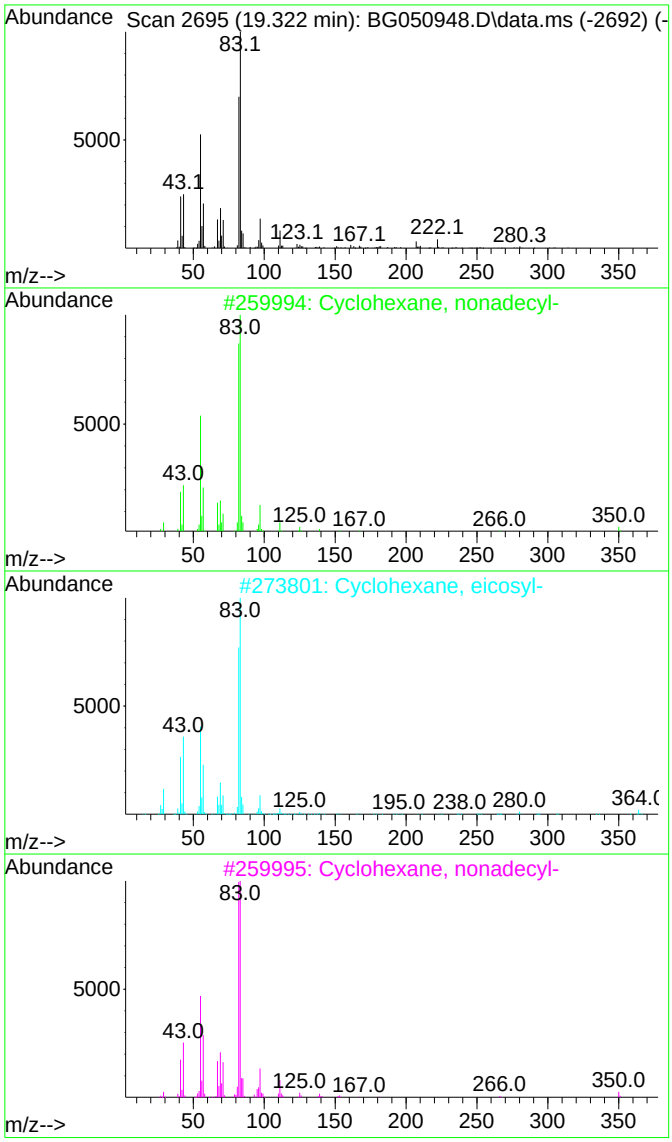
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

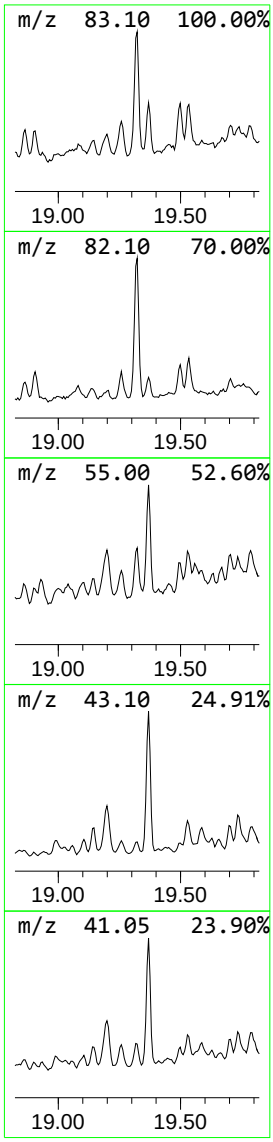
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 54 (DEL) Alkane: Cyclic19.322 Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.322 | 14.60 ng/ul | 424931 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, nonadecyl- | 350 | C25H50 | 022349-03-7 | 91 |
| 2 | Cyclohexane, eicosyl- | 364 | C26H52 | 004443-55-4 | 91 |
| 3 | Cyclohexane, nonadecyl- | 350 | C25H50 | 022349-03-7 | 91 |
| 4 | Dodecylcyclohexane | 252 | C18H36 | 001795-17-1 | 78 |
| 5 | Cyclohexane, tetradecyl- | 280 | C20H40 | 001795-18-2 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

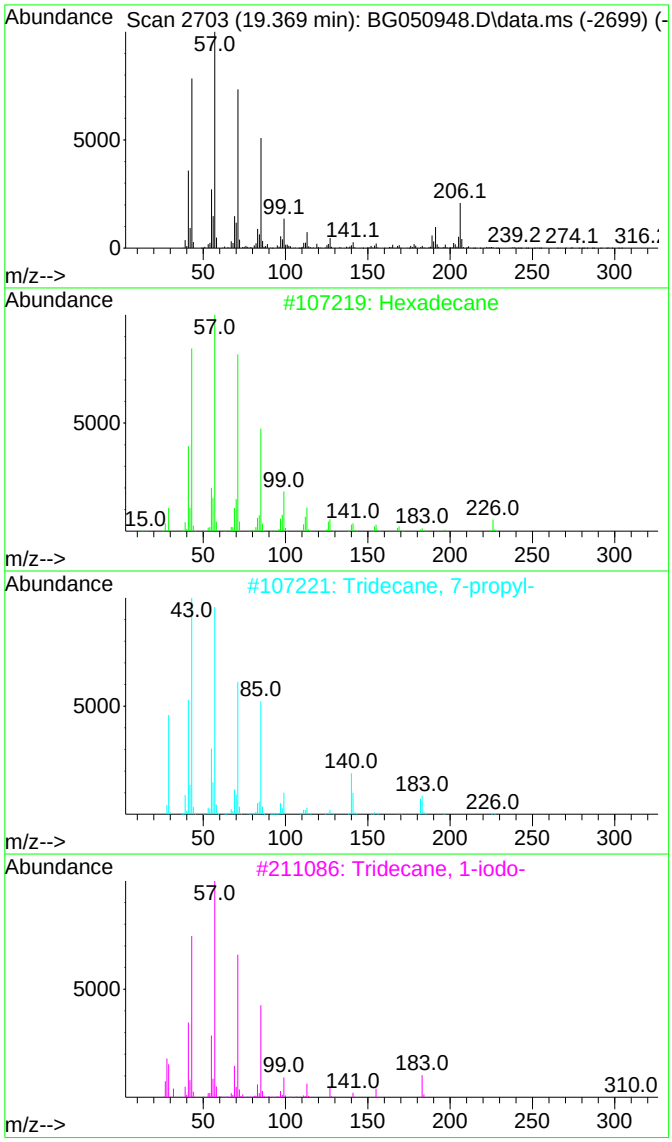
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

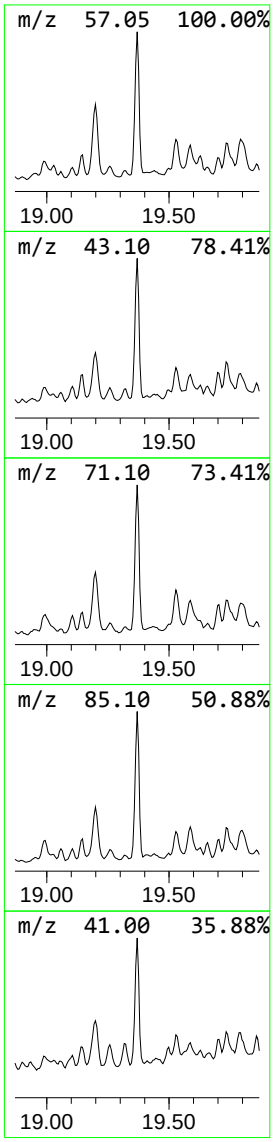
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.369 | 101.11 ng/ul | 2943500 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 89 |
| 2 | Tridecane, 7-propyl- | 226 | C16H34 | 055045-09-5 | 89 |
| 3 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 68 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 68 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

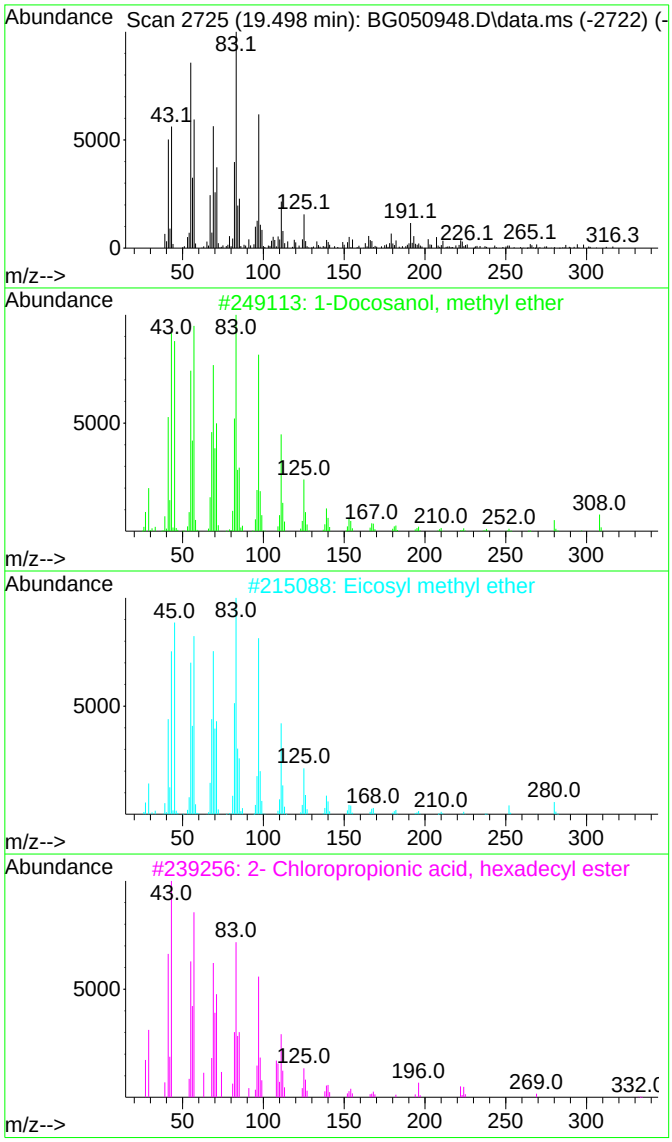
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

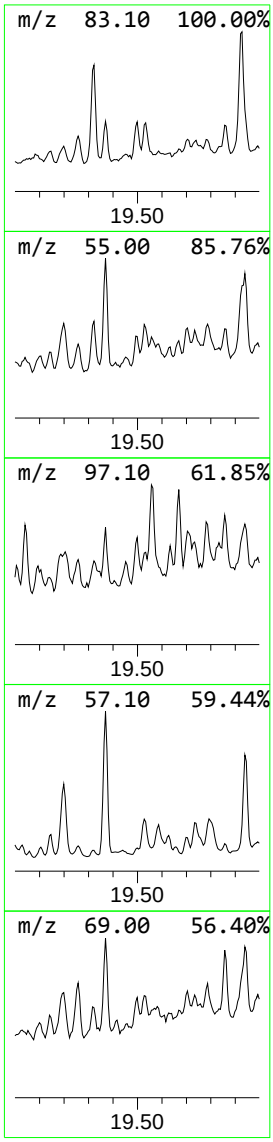
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 56 1-Docosanol, methyl ether Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.499 | 13.31 ng/ul | 387555 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosanol, methyl ether | 340 | C23H48O | 1000333-91-9 | 62 |
| 2 | Eicosyl methyl ether | 312 | C21H44O | 1000406-29-4 | 58 |
| 3 | 2- Chloropropionic acid, hexadec... | 332 | C19H37ClO2 | 086711-81-1 | 53 |
| 4 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 53 |
| 5 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

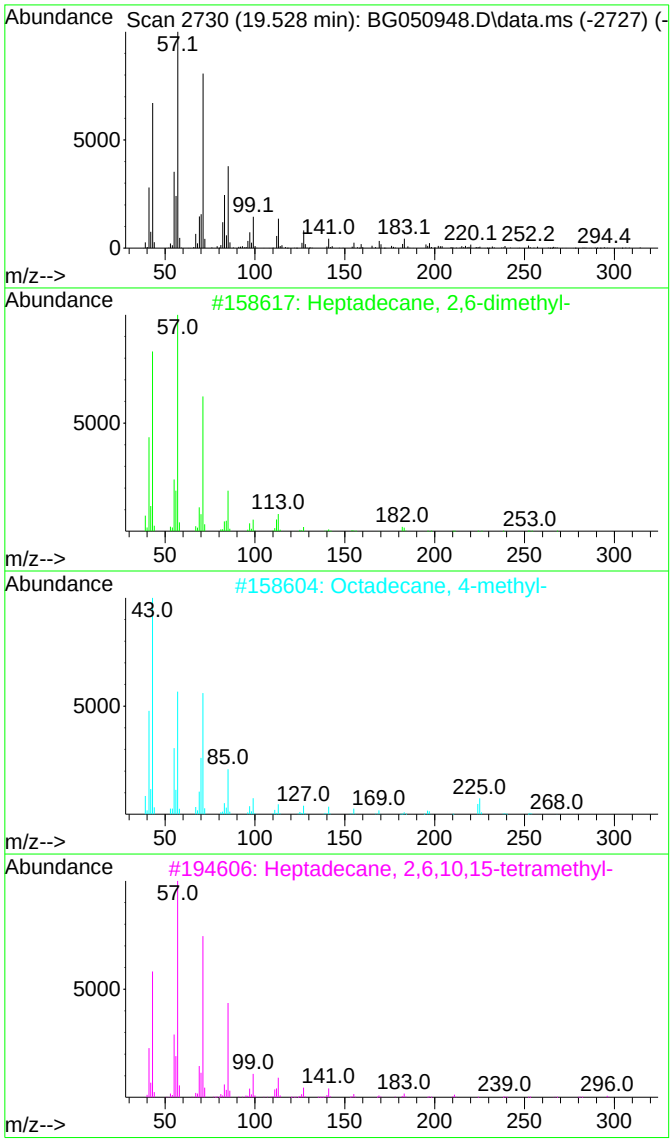
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

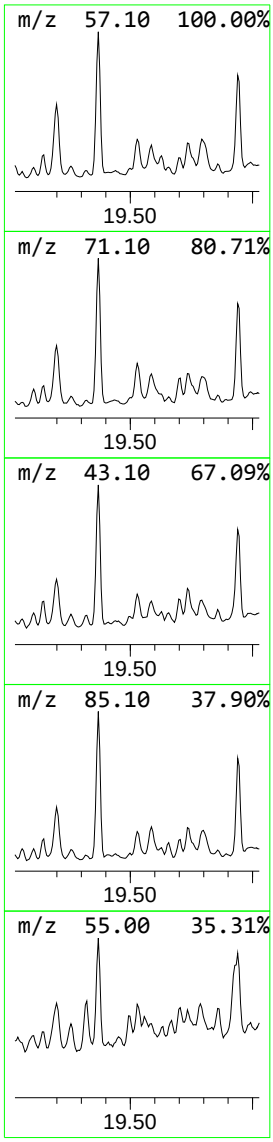
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.528 | 22.71 ng/ul | 661074 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 2,6-dimethyl- | 268 | C19H40 | 054105-67-8 | 87 |
| 2 | Octadecane, 4-methyl- | 268 | C19H40 | 010544-95-3 | 81 |
| 3 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 80 |
| 4 | Dodecane | 170 | C12H26 | 000112-40-3 | 76 |
| 5 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

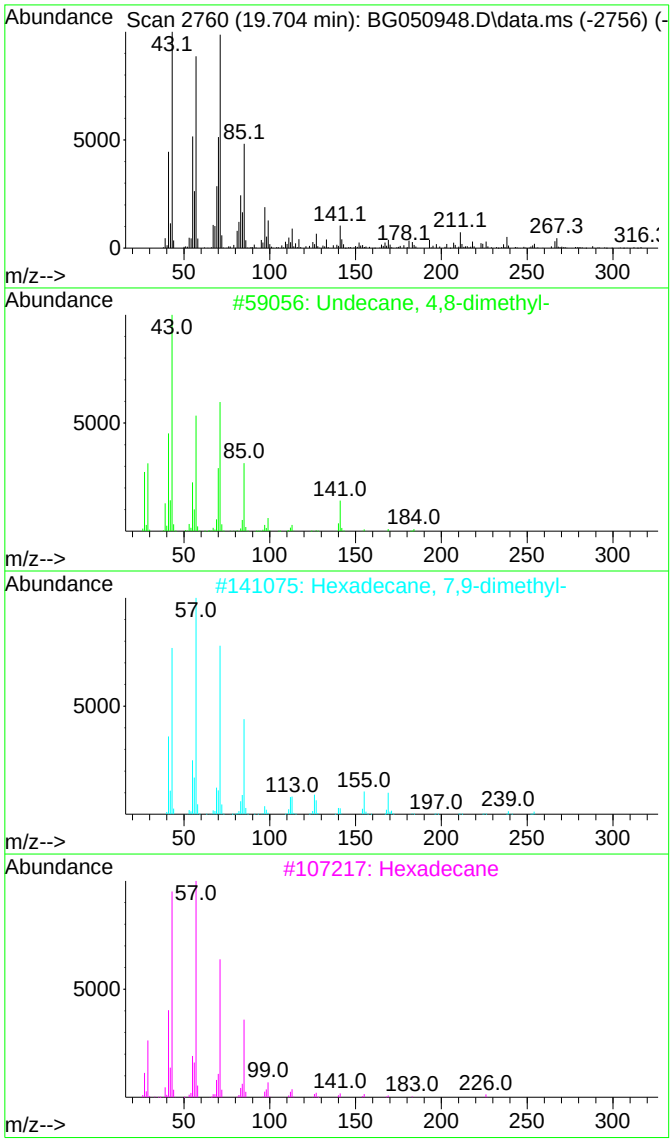
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

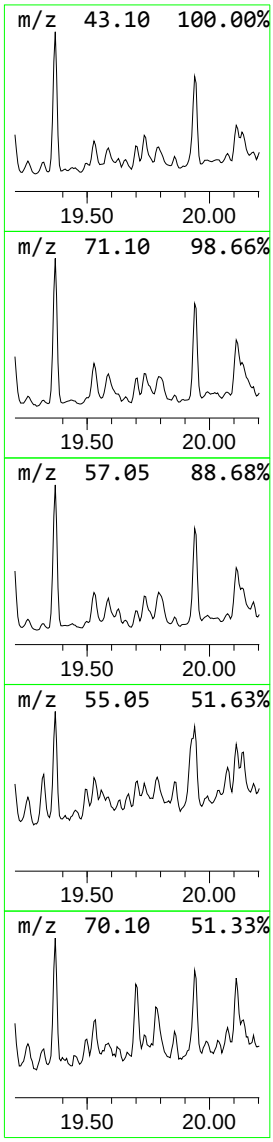
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.704 | 19.10 ng/ul | 555995 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 4,8-dimethyl- | 184 | C13H28 | 017301-33-6 | 64 |
| 2 | Hexadecane, 7,9-dimethyl- | 254 | C18H38 | 021164-95-4 | 64 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 62 |
| 4 | Nonadecane, 4-methyl- | 282 | C20H42 | 025117-27-5 | 58 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

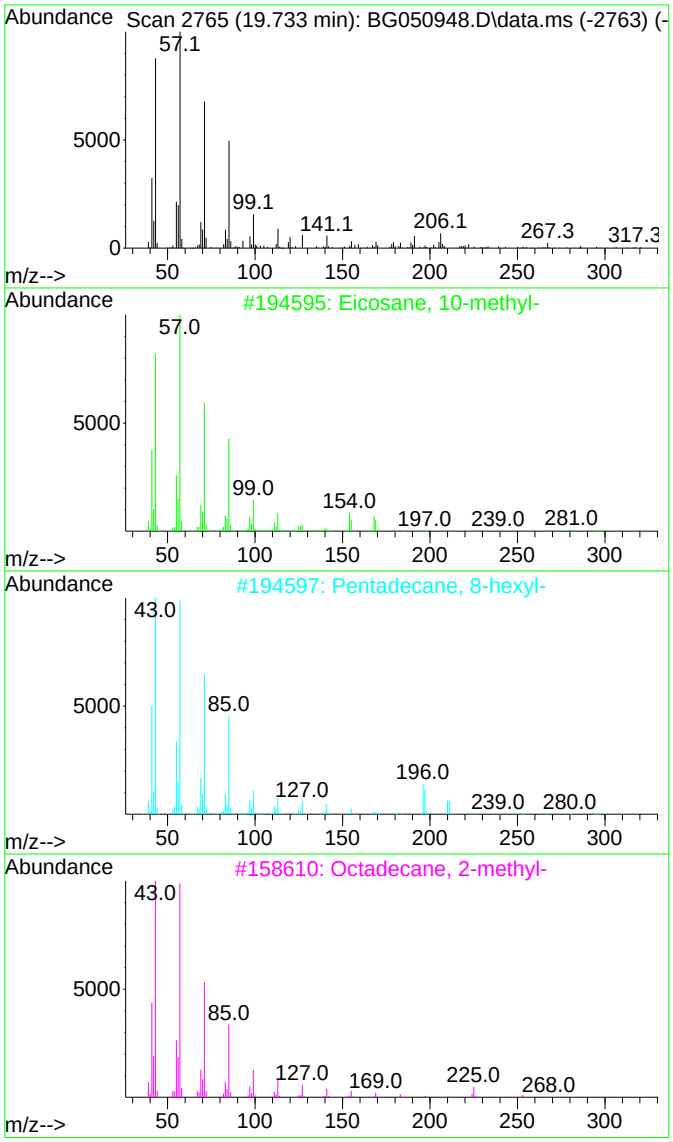
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

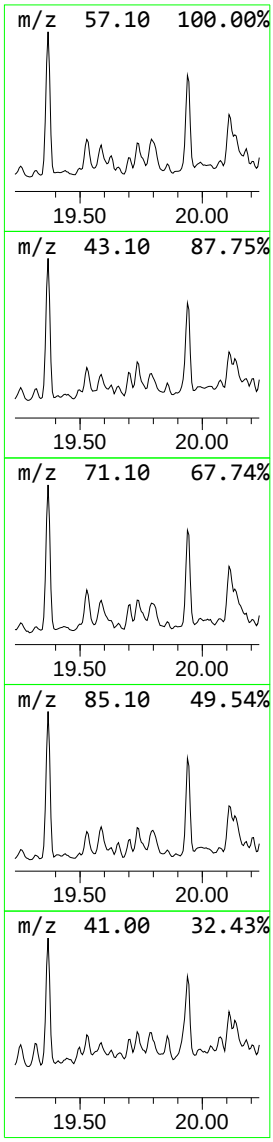
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.733 | 17.54 ng/ul | 510669 | Phenanthrene-d10 | 17.595 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 90 |
| 2 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 89 |
| 3 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 89 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 87 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

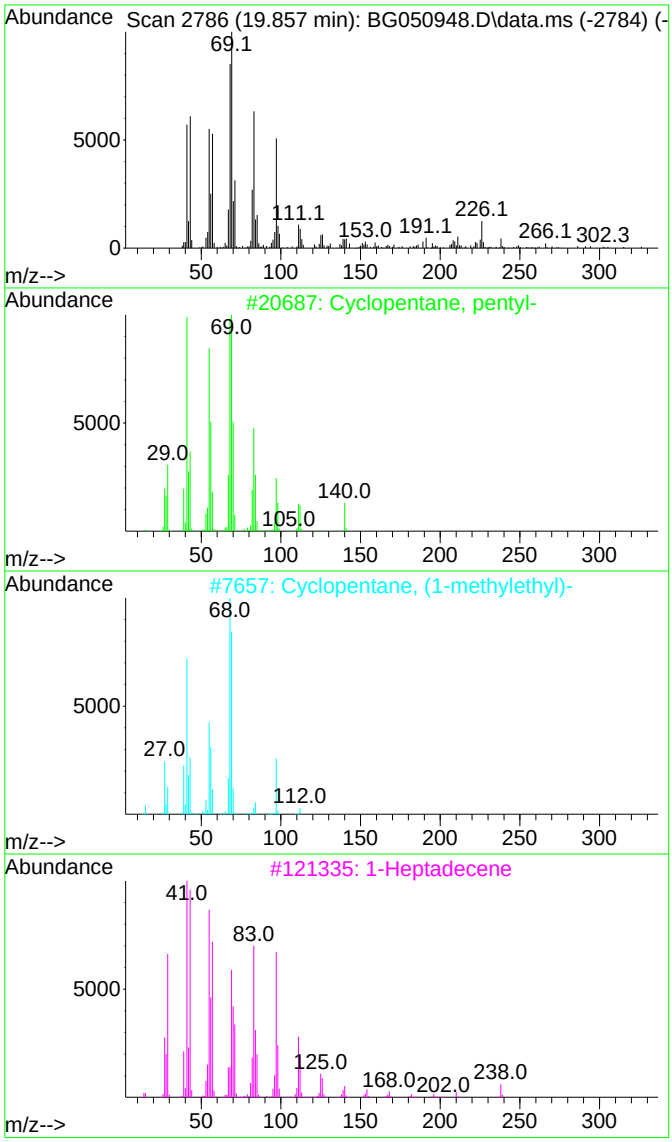
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

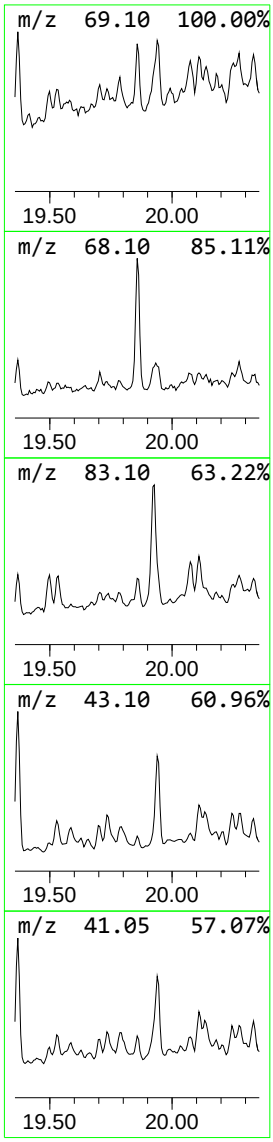
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 60 (DEL) Alkane: Cyclic19.857 Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.857 | 7.72 ng/ul | 351807 | Chrysene-d12 | 21.902 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, pentyl- | 140 | C10H20 | 003741-00-2 | 68 |
| 2 | Cyclopentane, (1-methylethyl)- | 112 | C8H16 | 003875-51-2 | 62 |
| 3 | 1-Heptadecene | 238 | C17H34 | 006765-39-5 | 59 |
| 4 | Hexadecane, 1,16-dichloro- | 294 | C16H32Cl2 | 007735-39-9 | 53 |
| 5 | Cyclohexane, 1,2,3-trimethyl- | 126 | C9H18 | 001678-97-3 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

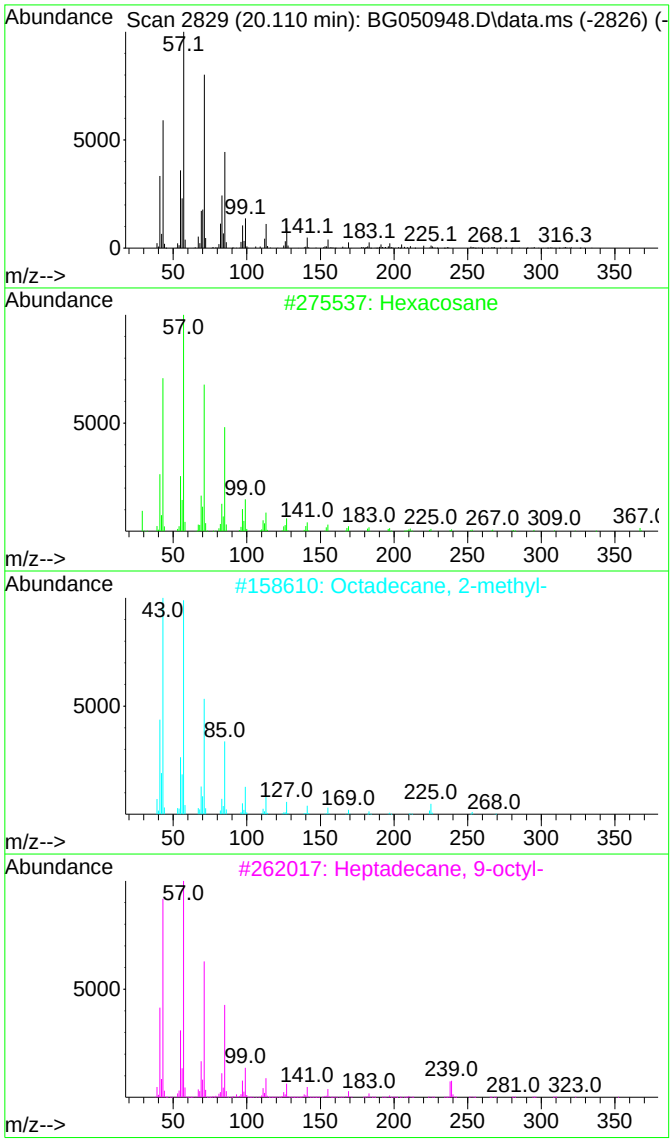
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

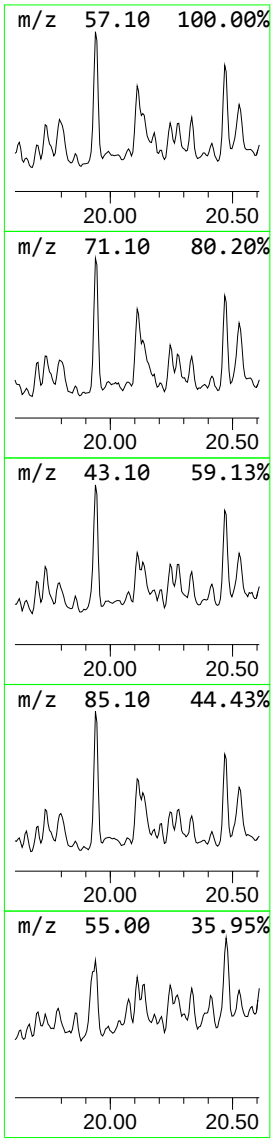
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.110 | 21.62 ng/ul | 985683 | Chrysene-d12 | 21.902 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 2 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 86 |
| 3 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 86 |
| 4 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 86 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

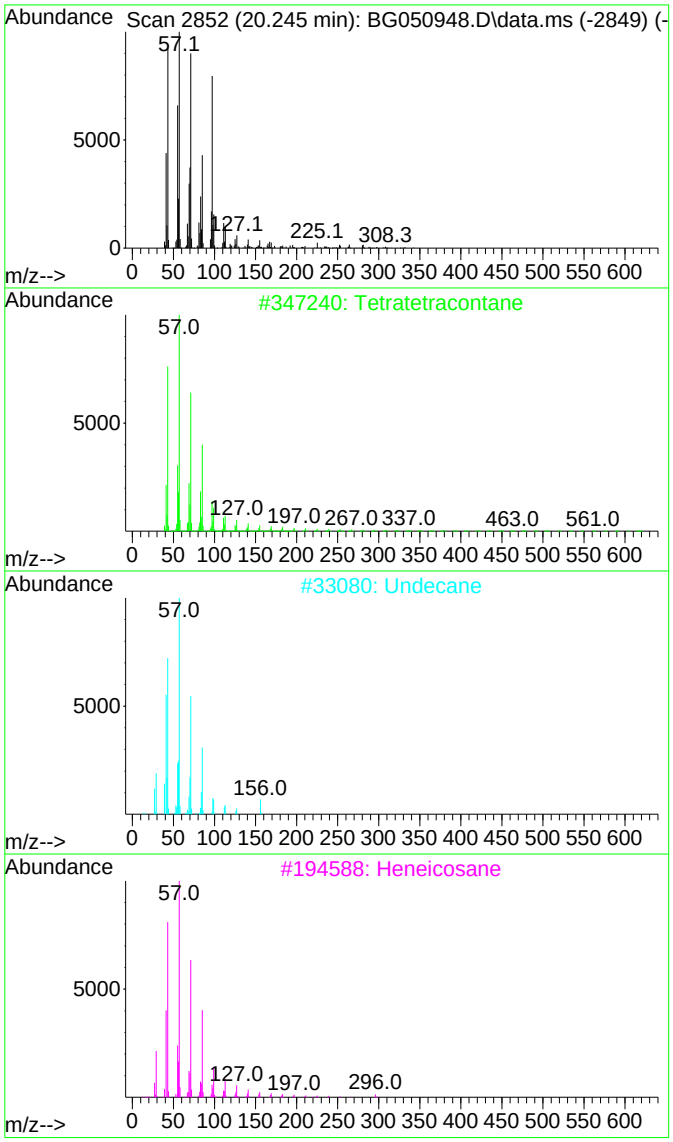
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

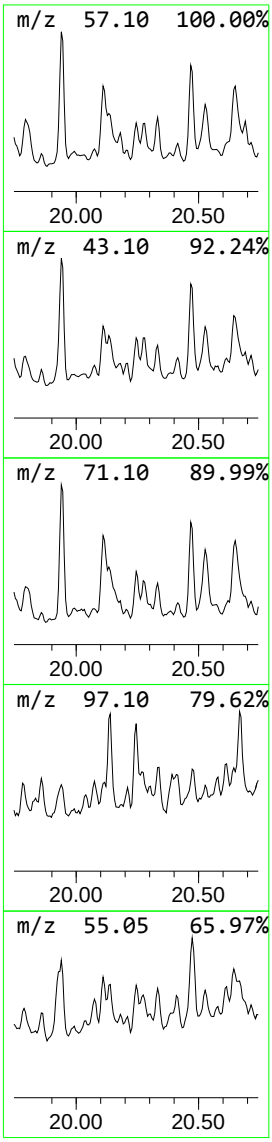
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.245 | 17.15 ng/ul | 781712 | Chrysene-d12 | 21.902 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 52 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 49 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 46 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 46 |
| 5 | Sulfurous acid, butyl octadecyl ... | 390 | C22H46O3S | 1000309-18-5 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

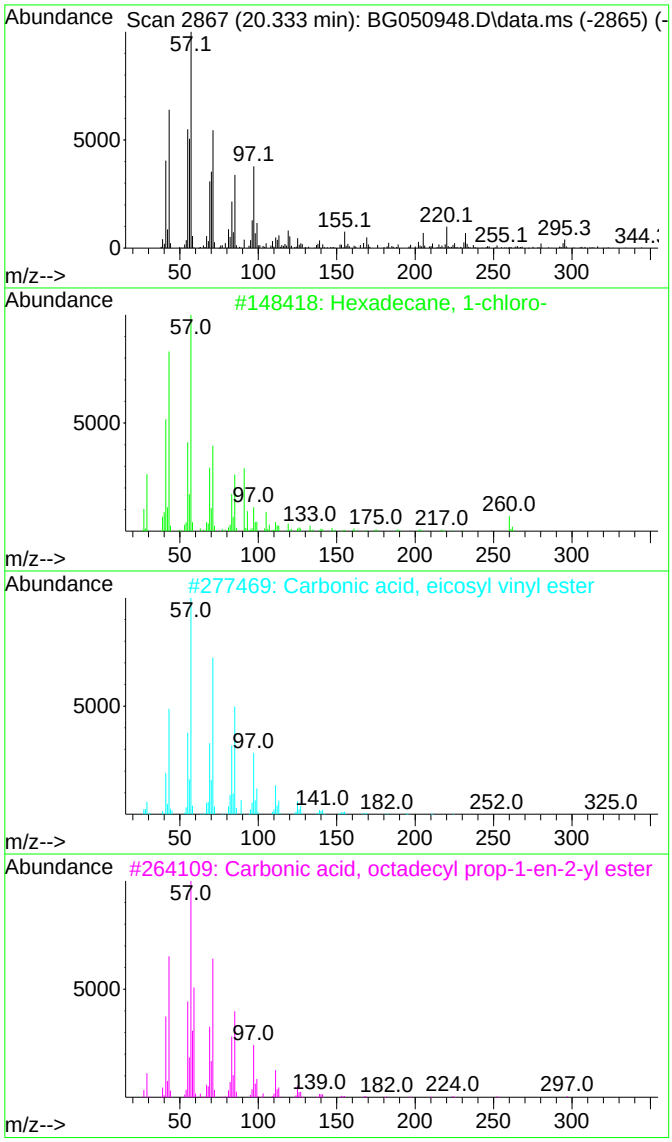
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

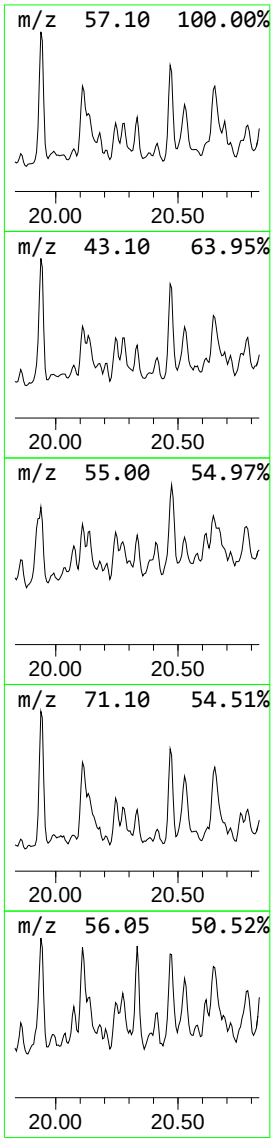
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 63 unknown-06 Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.333 | 13.72 ng/ul | 625626 | Chrysene-d12 | 21.902 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane, 1-chloro- | 260 | C16H33Cl | 004860-03-1 | 49 |
| 2 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 49 |
| 3 | Carbonic acid, octadecyl prop-1-... | 354 | C22H42O3 | 1000383-11-5 | 49 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 46 |
| 5 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

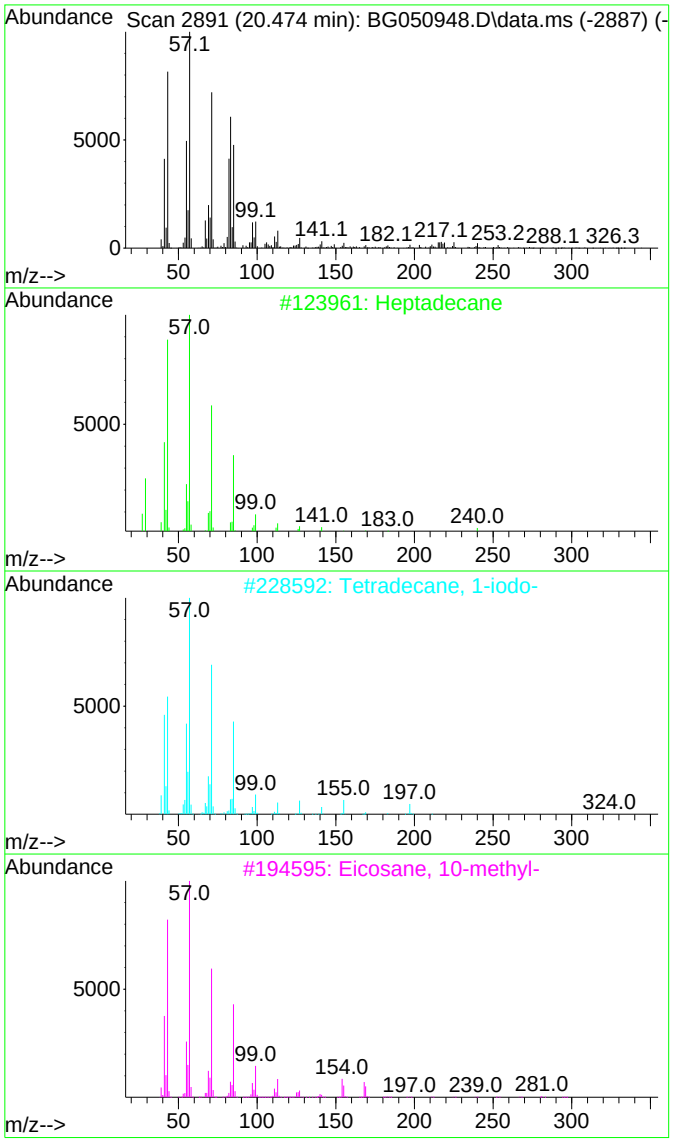
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

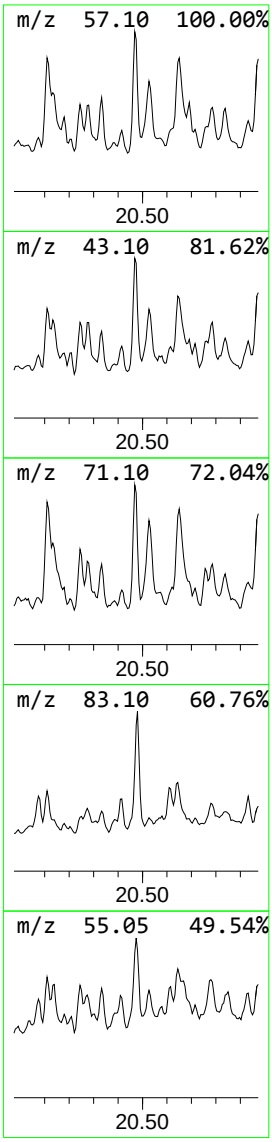
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.474 | 36.43 ng/ul | 1660540 | Chrysene-d12 | 21.902 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 94 |
| 2 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 78 |
| 3 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 78 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 60 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

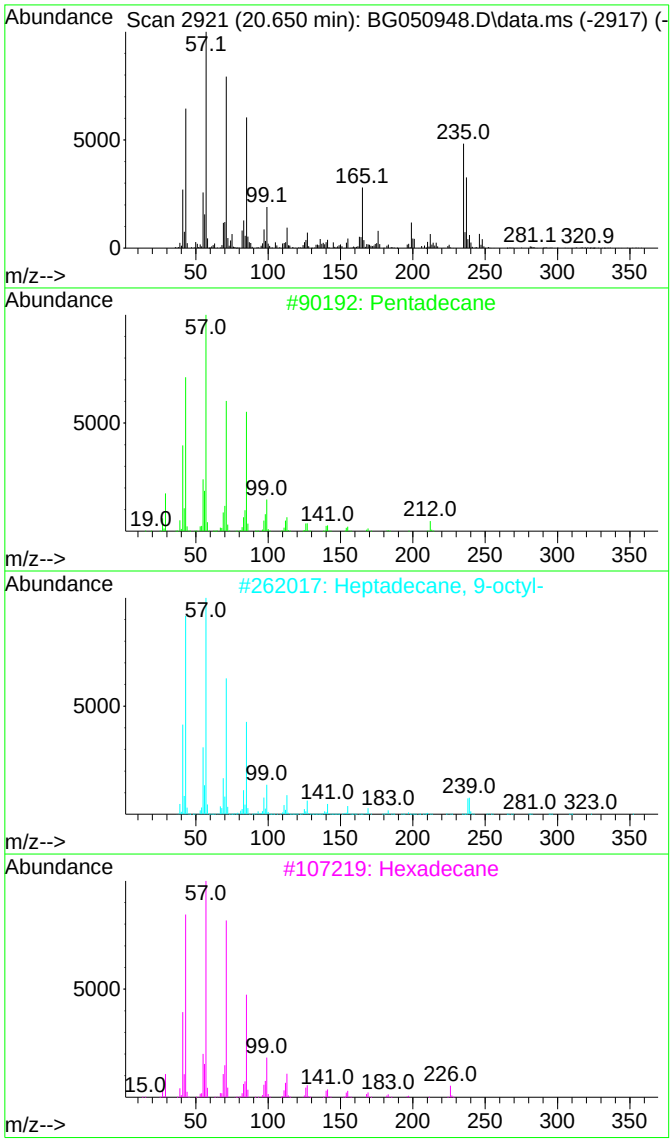
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

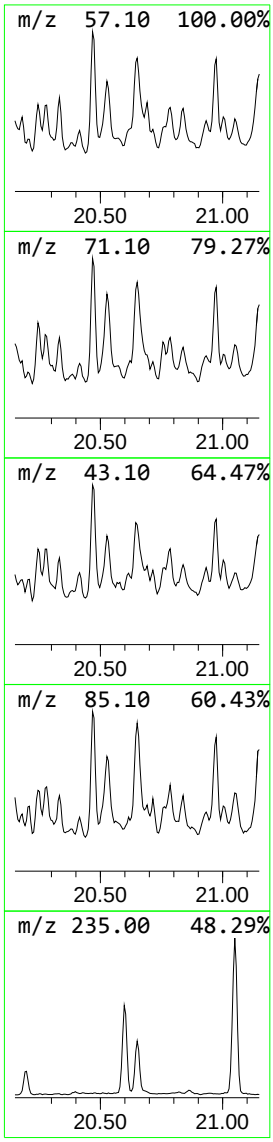
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.650 | 30.78 ng/ul | 1403180 | Chrysene-d12 | 21.902 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane | 212 | C15H32 | 000629-62-9 | 70 |
| 2 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 70 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 50 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 49 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

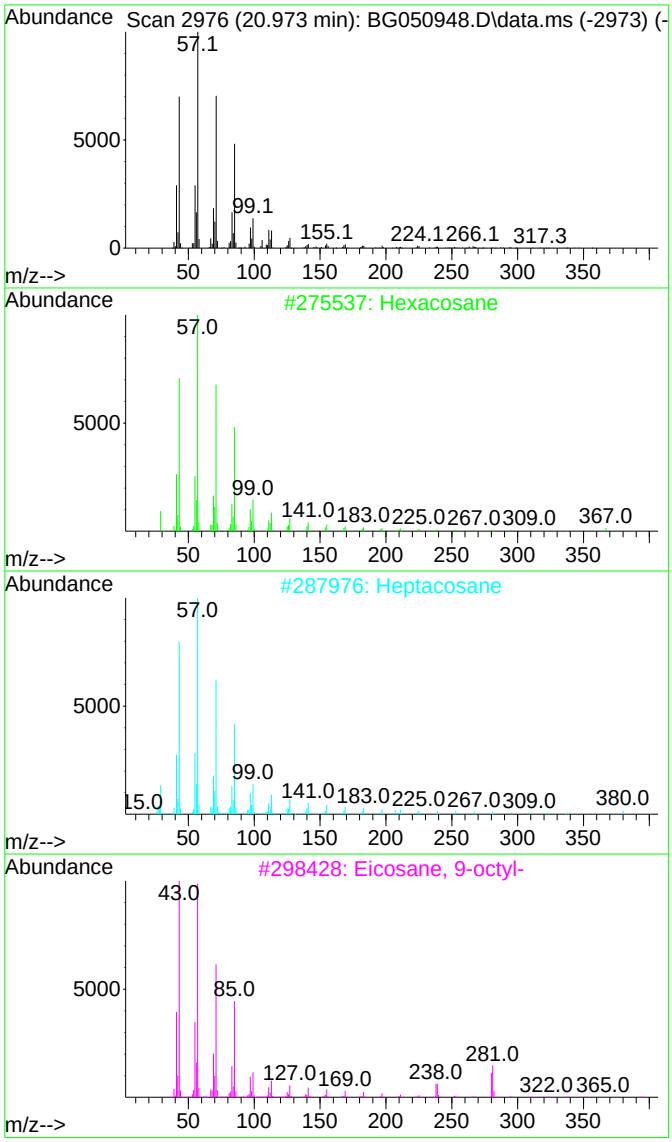
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

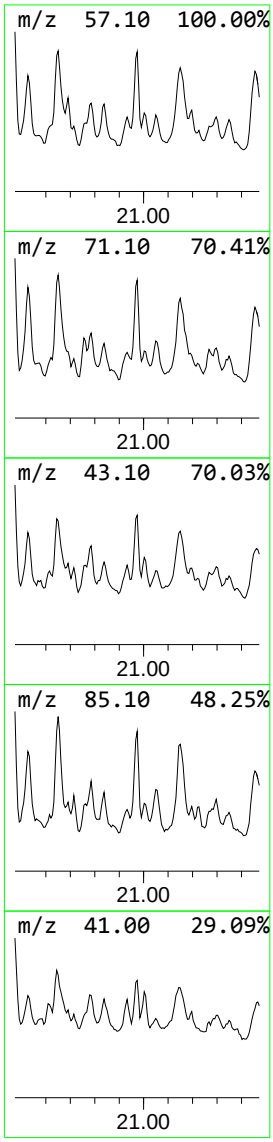
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.973 | 11.27 ng/ul | 513926 | Chrysene-d12 | 21.902 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |
| 3 | Eicosane, 9-octyl- | 394 | C28H58 | 013475-77-9 | 90 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 5 | Eicosane | 282 | C20H42 | 000112-95-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

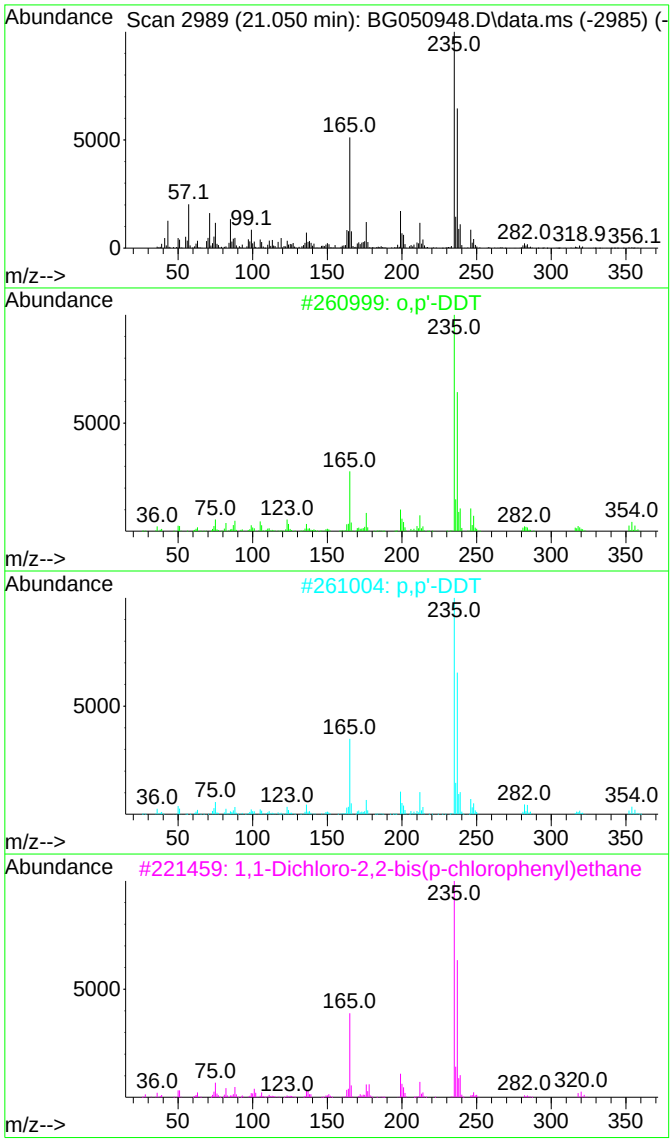
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

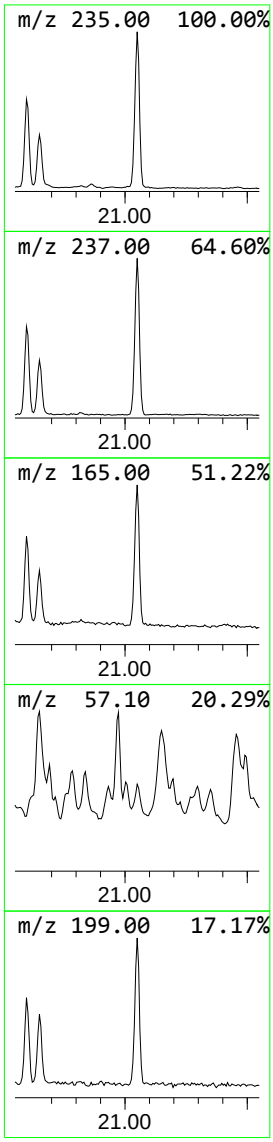
**********

Peak Number 67 o,p'-DDT Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.050 | 32.17 ng/ul | 1466360 | Chrysene-d12 | 21.902 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o,p'-DDT | 352 | C14H9Cl5 | 000789-02-6 | 97 |
| 2 | p,p'-DDT | 352 | C14H9Cl5 | 000050-29-3 | 93 |
| 3 | 1,1-Dichloro-2,2-bis(p-chlorophe... | 318 | C14H10Cl4 | 000072-54-8 | 91 |
| 4 | p,p'-DDT | 352 | C14H9Cl5 | 000050-29-3 | 91 |
| 5 | 1,1-Dichloro-2,2-bis(p-chlorophe... | 318 | C14H10Cl4 | 000072-54-8 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050948.D
Acq On : 10 Nov 2021 18:19
Operator : CG/JU
Sample : M4419-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.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 |
| Ethylbenzene | 5.703 | 3.3 | ng/ul | 46106 | 1 | 8.229 | 276042 | 20.0 |
| Benzene, 1,3-di... | 5.838 | 10.4 | ng/ul | 143194 | 1 | 8.229 | 276042 | 20.0 |
| o-Xylene | 6.214 | 3.6 | ng/ul | 49919 | 1 | 8.229 | 276042 | 20.0 |
| Carbonic acid, ... | 10.991 | 7.7 | ng/ul | 149523 | 2 | 11.050 | 386539 | 20.0 |
| Sulfurous acid,... | 12.031 | 3.7 | ng/ul | 70742 | 2 | 11.050 | 386539 | 20.0 |
| (DEL) Alkane: S... | 12.424 | 14.0 | ng/ul | 269751 | 2 | 11.050 | 386539 | 20.0 |
| (DEL) Alkane: S... | 13.359 | 2.5 | ng/ul | 63659 | 3 | 14.851 | 512277 | 20.0 |
| [1,2,3,4]Tetrat... | 13.406 | 2.8 | ng/ul | 72336 | 3 | 14.851 | 512277 | 20.0 |
| Naphthalene, 2-... | 13.882 | 6.3 | ng/ul | 160096 | 3 | 14.851 | 512277 | 20.0 |
| Naphthalene, 1,... | 14.169 | 23.6 | ng/ul | 604125 | 3 | 14.851 | 512277 | 20.0 |
| Sulfurous acid,... | 14.299 | 3.3 | ng/ul | 83131 | 3 | 14.851 | 512277 | 20.0 |
| Naphthalene, 2,... | 14.405 | 12.3 | ng/ul | 314941 | 3 | 14.851 | 512277 | 20.0 |
| unknown-01 | 14.675 | 2.1 | ng/ul | 53735 | 3 | 14.851 | 512277 | 20.0 |
| Decane, 3-bromo- | 14.710 | 13.7 | ng/ul | 350939 | 3 | 14.851 | 512277 | 20.0 |
| Naphthalene, 2-... | 14.969 | 2.3 | ng/ul | 57932 | 3 | 14.851 | 512277 | 20.0 |
| Naphthalene, 1,... | 15.133 | 5.5 | ng/ul | 140149 | 3 | 14.851 | 512277 | 20.0 |
| Naphthalene, 1,... | 15.239 | 20.7 | ng/ul | 529375 | 3 | 14.851 | 512277 | 20.0 |
| Naphthalene, 2,... | 15.315 | 19.3 | ng/ul | 493823 | 3 | 14.851 | 512277 | 20.0 |
| unknown-02 | 15.456 | 13.9 | ng/ul | 357162 | 3 | 14.851 | 512277 | 20.0 |
| unknown-03 | 15.509 | 10.5 | ng/ul | 268988 | 3 | 14.851 | 512277 | 20.0 |
| unknown-04 | 15.627 | 14.6 | ng/ul | 374790 | 3 | 14.851 | 512277 | 20.0 |
| (DEL) Alkane: S... | 15.662 | 31.8 | ng/ul | 815193 | 3 | 14.851 | 512277 | 20.0 |
| (DEL) Alkane: S... | 16.061 | 17.9 | ng/ul | 459635 | 3 | 14.851 | 512277 | 20.0 |
| Naphthalene, 1-... | 16.155 | 6.0 | ng/ul | 153150 | 3 | 14.851 | 512277 | 20.0 |
| (DEL) Alkane: C... | 16.285 | 5.5 | ng/ul | 159504 | 4 | 17.595 | 582265 | 20.0 |
| 1,6-Dimethyl- 3... | 16.396 | 3.3 | ng/ul | 94553 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 16.520 | 69.4 | ng/ul | 2021550 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: C... | 16.649 | 2.8 | ng/ul | 81672 | 4 | 17.595 | 582265 | 20.0 |
| Naphthalene, 1,... | 16.690 | 3.9 | ng/ul | 112768 | 4 | 17.595 | 582265 | 20.0 |
| unknown-05 | 16.737 | 2.3 | ng/ul | 66991 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 16.866 | 7.5 | ng/ul | 219412 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 16.925 | 6.6 | ng/ul | 191064 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 16.978 | 3.5 | ng/ul | 100360 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 17.031 | 8.6 | ng/ul | 250222 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 17.095 | 8.5 | ng/ul | 248529 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: C... | 17.137 | 4.3 | ng/ul | 125825 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 17.319 | 88.4 | ng/ul | 2573250 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 17.366 | 48.0 | ng/ul | 1395870 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 17.789 | 14.6 | ng/ul | 424983 | 4 | 17.595 | 582265 | 20.0 |
| Hydroxylamine, ... | 17.853 | 15.4 | ng/ul | 449457 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: C... | 17.930 | 9.2 | ng/ul | 268619 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 17.971 | 26.9 | ng/ul | 781597 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 18.059 | 126.1 | ng/ul | 3670750 | 4 | 17.595 | 582265 | 20.0 |
| 1H-Cyclopropa[l... | 18.459 | 8.6 | ng/ul | 248965 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 18.500 | 24.1 | ng/ul | 702432 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 18.558 | 9.2 | ng/ul | 267443 | 4 | 17.595 | 582265 | 20.0 |
| 1-Octadecanesul... | 18.599 | 19.2 | ng/ul | 559279 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: C... | 18.658 | 19.8 | ng/ul | 574886 | 4 | 17.595 | 582265 | 20.0 |
| Anthracene, 1-m... | 18.699 | 13.0 | ng/ul | 378577 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 18.746 | 105.9 | ng/ul | 3084050 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 19.146 | 15.6 | ng/ul | 454872 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 19.199 | 54.3 | ng/ul | 1580170 | 4 | 17.595 | 582265 | 20.0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| (DEL) Alkane: C... | 19.258 | 18.5 | ng/ul | 537640 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: C... | 19.322 | 14.6 | ng/ul | 424931 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 19.369 | 101.1 | ng/ul | 2943500 | 4 | 17.595 | 582265 | 20.0 |
| 1-Docosanol, me... | 19.499 | 13.3 | ng/ul | 387555 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 19.528 | 22.7 | ng/ul | 661074 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 19.704 | 19.1 | ng/ul | 555995 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: S... | 19.733 | 17.5 | ng/ul | 510669 | 4 | 17.595 | 582265 | 20.0 |
| (DEL) Alkane: C... | 19.857 | 7.7 | ng/ul | 351807 | 5 | 21.902 | 911665 | 20.0 |
| (DEL) Alkane: S... | 20.110 | 21.6 | ng/ul | 985683 | 5 | 21.902 | 911665 | 20.0 |
| (DEL) Alkane: S... | 20.245 | 17.1 | ng/ul | 781712 | 5 | 21.902 | 911665 | 20.0 |
| unknown-06 | 20.333 | 13.7 | ng/ul | 625626 | 5 | 21.902 | 911665 | 20.0 |
| (DEL) Alkane: S... | 20.474 | 36.4 | ng/ul | 1660540 | 5 | 21.902 | 911665 | 20.0 |
| (DEL) Alkane: S... | 20.650 | 30.8 | ng/ul | 1403180 | 5 | 21.902 | 911665 | 20.0 |
| (DEL) Alkane: S... | 20.973 | 11.3 | ng/ul | 513926 | 5 | 21.902 | 911665 | 20.0 |
| o,p'-DDT | 21.050 | 32.2 | ng/ul | 1466360 | 5 | 21.902 | 911665 | 20.0 |

**Instrument :**
BNA_G
**ClientSampleId :**
C0HF3