LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

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-BG010622.M
Title : SVOA CALIBRATION

Signal : TIC: BG051979.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.744 | 364 | 384 | 392 | rBV | 9421117 | 29564294 | 14.58% | 1.809% |
| 2 | 5.914 | 396 | 413 | 420 | rVB | 20338906 | 80963925 | 39.92% | 4.953% |
| 3 | 6.255 | 463 | 471 | 480 | rVB2 | 17145116 | 38445606 | 18.96% | 2.352% |
| 4 | 6.513 | 507 | 515 | 528 | rBV5 | 1772106 | 5668169 | 2.79% | 0.347% |
| 5 | 6.748 | 544 | 555 | 559 | rBV | 12008383 | 27934821 | 13.77% | 1.709% |
| 6 | 6.889 | 569 | 579 | 593 | rVB4 | 2959985 | 9217616 | 4.54% | 0.564% |
| 7 | 7.236 | 629 | 638 | 647 | rBV2 | 5006494 | 16454000 | 8.11% | 1.007% |
| 8 | 7.330 | 647 | 654 | 655 | rVV | 5452209 | 8791278 | 4.33% | 0.538% |
| 9 | 7.365 | 656 | 660 | 664 | rVV | 8400059 | 16419976 | 8.10% | 1.005% |
| 10 | 7.424 | 664 | 670 | 676 | rVB2 | 9274150 | 19324745 | 9.53% | 1.182% |
| 11 | 7.500 | 676 | 683 | 689 | rVB | 8082298 | 17088661 | 8.43% | 1.045% |
| 12 | 7.659 | 704 | 710 | 721 | rBV | 5243320 | 11521148 | 5.68% | 0.705% |
| 13 | 7.941 | 747 | 758 | 760 | rBV2 | 25299454 | 64149278 | 31.63% | 3.924% |
| 14 | 8.188 | 791 | 800 | 807 | rVV5 | 2107279 | 7344055 | 3.62% | 0.449% |
| 15 | 8.276 | 808 | 815 | 819 | rVB | 6714414 | 12977863 | 6.40% | 0.794% |
| 16 | 8.358 | 819 | 829 | 832 | rBV2 | 2137405 | 6108590 | 3.01% | 0.374% |
| 17 | 8.417 | 832 | 839 | 844 | rVB2 | 8077726 | 15197734 | 7.49% | 0.930% |
| 18 | 8.540 | 853 | 860 | 863 | rBV2 | 2651593 | 5124107 | 2.53% | 0.313% |
| 19 | 8.587 | 863 | 868 | 873 | rVV | 3502515 | 6494151 | 3.20% | 0.397% |
| 20 | 8.669 | 873 | 882 | 887 | rVB3 | 4172051 | 11187592 | 5.52% | 0.684% |
| 21 | 8.828 | 903 | 909 | 915 | rVV3 | 8601965 | 19345478 | 9.54% | 1.183% |
| 22 | 8.887 | 915 | 919 | 922 | rVV | 3259595 | 4915881 | 2.42% | 0.301% |
| 23 | 8.945 | 922 | 929 | 942 | rVB3 | 10962442 | 28841783 | 14.22% | 1.764% |
| 24 | 9.063 | 942 | 949 | 952 | rBV | 4595568 | 8810896 | 4.34% | 0.539% |
| 25 | 9.304 | 985 | 990 | 998 | rVB | 3648344 | 7081359 | 3.49% | 0.433% |
| 26 | 9.409 | 998 | 1008 | 1016 | rBV2 | 8183403 | 18747586 | 9.24% | 1.147% |
| 27 | 9.574 | 1017 | 1036 | 1041 | rVB2 | 15325472 | 52360351 | 25.82% | 3.203% |
| 28 | 9.662 | 1041 | 1051 | 1060 | rBV9 | 3219695 | 11127959 | 5.49% | 0.681% |
| 29 | 9.785 | 1060 | 1072 | 1080 | rVV7 | 4030086 | 13488797 | 6.65% | 0.825% |
| 30 | 9.879 | 1080 | 1088 | 1093 | rVV6 | 1827027 | 4705158 | 2.32% | 0.288% |
| 31 | 9.944 | 1093 | 1099 | 1104 | rVV | 5192083 | 10086371 | 4.97% | 0.617% |
| 32 | 10.009 | 1104 | 1110 | 1114 | rVV2 | 5328022 | 10493359 | 5.17% | 0.642% |
| 33 | 10.191 | 1132 | 1141 | 1144 | rBV6 | 1817809 | 4692931 | 2.31% | 0.287% |
| 34 | 10.238 | 1145 | 1149 | 1154 | rVB2 | 2964332 | 5034502 | 2.48% | 0.308% |
| 35 | 10.308 | 1154 | 1161 | 1165 | rBV5 | 2583957 | 5866852 | 2.89% | 0.359% |
| 36 | 10.367 | 1166 | 1171 | 1180 | rVB4 | 3375695 | 10300638 | 5.08% | 0.630% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

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-BG010622.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.461 | 1181 | 1187 | 1191 | rBV2 | 2598957 | 5536082 | 2.73% | 0.339% |
| 38 | 10.543 | 1191 | 1201 | 1211 | rVV5 | 6941721 | 19924677 | 9.82% | 1.219% |
| 39 | 11.189 | 1299 | 1311 | 1314 | rBV | 20879768 | 48908705 | 24.12% | 2.992% |
| 40 | 11.395 | 1343 | 1346 | 1353 | rVB | 4526160 | 6101226 | 3.01% | 0.373% |
| 41 | 11.941 | 1434 | 1439 | 1446 | rVB4 | 2580315 | 4635724 | 2.29% | 0.284% |
| 42 | 12.024 | 1447 | 1453 | 1461 | rBV3 | 3341892 | 7075018 | 3.49% | 0.433% |
| 43 | 12.135 | 1464 | 1472 | 1476 | rBV | 4593970 | 8817513 | 4.35% | 0.539% |
| 44 | 12.558 | 1530 | 1544 | 1551 | rBV | 11411593 | 24999689 | 12.33% | 1.529% |
| 45 | 12.828 | 1569 | 1590 | 1594 | rVB | 14809583 | 52157578 | 25.72% | 3.191% |
| 46 | 13.022 | 1612 | 1623 | 1627 | rVB | 11275883 | 24636012 | 12.15% | 1.507% |
| 47 | 13.457 | 1691 | 1697 | 1702 | rVB | 4334427 | 6763846 | 3.34% | 0.414% |
| 48 | 13.762 | 1737 | 1749 | 1756 | rBV2 | 15697460 | 40611666 | 20.02% | 2.484% |
| 49 | 13.956 | 1777 | 1782 | 1790 | rVB2 | 3104845 | 6917155 | 3.41% | 0.423% |
| 50 | 14.115 | 1798 | 1809 | 1815 | rVB | 5763586 | 16653281 | 8.21% | 1.019% |
| 51 | 14.262 | 1826 | 1834 | 1838 | rBV | 6573478 | 14698429 | 7.25% | 0.899% |
| 52 | 14.315 | 1838 | 1843 | 1847 | rVB | 5566386 | 9751331 | 4.81% | 0.597% |
| 53 | 14.391 | 1853 | 1856 | 1859 | rVV | 5094241 | 6623489 | 3.27% | 0.405% |
| 54 | 14.491 | 1867 | 1873 | 1882 | rVB2 | 3444803 | 7678513 | 3.79% | 0.470% |
| 55 | 14.826 | 1922 | 1930 | 1935 | rVB | 13096401 | 23455214 | 11.57% | 1.435% |
| 56 | 14.884 | 1935 | 1940 | 1950 | rBV6 | 3015065 | 7744212 | 3.82% | 0.474% |
| 57 | 14.996 | 1951 | 1959 | 1965 | rBV4 | 4051253 | 9977499 | 4.92% | 0.610% |
| 58 | 15.131 | 1976 | 1982 | 1989 | rVB2 | 2434826 | 5634965 | 2.78% | 0.345% |
| 59 | 15.319 | 2007 | 2014 | 2018 | rBV3 | 5886463 | 11826871 | 5.83% | 0.724% |
| 60 | 15.401 | 2023 | 2028 | 2039 | rVB5 | 5510597 | 13619330 | 6.72% | 0.833% |
| 61 | 15.713 | 2073 | 2081 | 2083 | rBV6 | 2944364 | 6250049 | 3.08% | 0.382% |
| 62 | 15.771 | 2084 | 2091 | 2094 | rVB | 10550291 | 18603515 | 9.17% | 1.138% |
| 63 | 15.860 | 2101 | 2106 | 2112 | rVB3 | 3177864 | 6396230 | 3.15% | 0.391% |
| 64 | 15.971 | 2118 | 2125 | 2135 | rBV6 | 2630794 | 7208493 | 3.55% | 0.441% |
| 65 | 16.165 | 2154 | 2158 | 2162 | rBV3 | 4021153 | 5585129 | 2.75% | 0.342% |
| 66 | 16.635 | 2230 | 2238 | 2240 | rBV3 | 10693033 | 21719750 | 10.71% | 1.329% |
| 67 | 16.741 | 2252 | 2256 | 2261 | rBV2 | 3099219 | 5508590 | 2.72% | 0.337% |
| 68 | 17.422 | 2367 | 2372 | 2376 | rVB | 8217943 | 12004248 | 5.92% | 0.734% |
| 69 | 17.475 | 2377 | 2381 | 2385 | rVV2 | 3712098 | 4635813 | 2.29% | 0.284% |
| 70 | 17.557 | 2390 | 2395 | 2406 | rVB3 | 4006856 | 10037579 | 4.95% | 0.614% |
| 71 | 17.728 | 2419 | 2424 | 2430 | rVB2 | 3281169 | 5804152 | 2.86% | 0.355% |
| 72 | 17.886 | 2447 | 2451 | 2459 | rVB2 | 5444493 | 9694323 | 4.78% | 0.593% |
| 73 | 18.162 | 2493 | 2498 | 2502 | rVB | 8924029 | 13033460 | 6.43% | 0.797% |
| 74 | 18.556 | 2561 | 2565 | 2567 | rBV | 3185473 | 4933214 | 2.43% | 0.302% |
| 75 | 18.603 | 2568 | 2573 | 2577 | rBV2 | 4547587 | 11657787 | 5.75% | 0.713% |
| 76 | 18.855 | 2611 | 2616 | 2619 | rVB | 6093413 | 8093829 | 3.99% | 0.495% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

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-BG010622.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 19.114 | 2655 | 2660 | 2669 | rVB4 | 5583229 | 9520456 | 4.69% | 0.582% |
| 78 | 19.466 | 2714 | 2720 | 2725 | rVB2 | 8400100 | 14068929 | 6.94% | 0.861% |
| 79 | 19.654 | 2747 | 2752 | 2759 | rVB | 7033446 | 10859622 | 5.35% | 0.664% |
| 80 | 19.895 | 2783 | 2793 | 2797 | rBV3 | 13065272 | 34157766 | 16.84% | 2.090% |
| 81 | 19.930 | 2797 | 2799 | 2808 | rVB | 5076846 | 6010626 | 2.96% | 0.368% |
| 82 | 20.036 | 2813 | 2817 | 2819 | rBV | 4513985 | 5785422 | 2.85% | 0.354% |
| 83 | 20.066 | 2819 | 2822 | 2826 | rVB2 | 5804114 | 7079842 | 3.49% | 0.433% |
| 84 | 20.330 | 2863 | 2867 | 2870 | rBV | 5039633 | 6263518 | 3.09% | 0.383% |
| 85 | 20.559 | 2901 | 2906 | 2910 | rBV | 7719469 | 9210267 | 4.54% | 0.563% |
| 86 | 20.976 | 2964 | 2977 | 2980 | rVB2 | 11104860 | 25186894 | 12.42% | 1.541% |
| 87 | 21.064 | 2988 | 2992 | 2996 | rVB | 5545492 | 6793537 | 3.35% | 0.416% |
| 88 | 21.323 | 3031 | 3036 | 3040 | rVB2 | 4898693 | 6740873 | 3.32% | 0.412% |
| 89 | 21.611 | 3079 | 3085 | 3092 | rVB2 | 9878210 | 16218934 | 8.00% | 0.992% |
| 90 | 21.928 | 3123 | 3139 | 3155 | rBV9 | 23798729 | 202810632 | 100.00% | 12.407% |
| 91 | 22.028 | 3155 | 3156 | 3158 | rVV | 23095371 | 11070763 | 5.46% | 0.677% |
| 92 | 22.057 | 3158 | 3161 | 3168 | rVB3 | 6078573 | 9122689 | 4.50% | 0.558% |
| 93 | 22.222 | 3182 | 3189 | 3194 | rBV2 | 8091940 | 15004037 | 7.40% | 0.918% |
| 94 | 22.891 | 3295 | 3303 | 3308 | rBV | 6769227 | 13945591 | 6.88% | 0.853% |
| 95 | 23.120 | 3336 | 3342 | 3346 | rBV3 | 3068771 | 8052150 | 3.97% | 0.493% |
| 96 | 23.167 | 3346 | 3350 | 3353 | rVV | 4673262 | 8117945 | 4.00% | 0.497% |
| 97 | 23.220 | 3353 | 3359 | 3377 | rVB | 5704812 | 18159531 | 8.95% | 1.111% |
| 98 | 23.402 | 3383 | 3390 | 3396 | rBV3 | 3704633 | 8425954 | 4.15% | 0.515% |
| 99 | 23.643 | 3424 | 3431 | 3438 | rVB | 4720978 | 10317890 | 5.09% | 0.631% |
| 100 | 24.560 | 3579 | 3587 | 3601 | rVB2 | 3515339 | 9921734 | 4.89% | 0.607% |

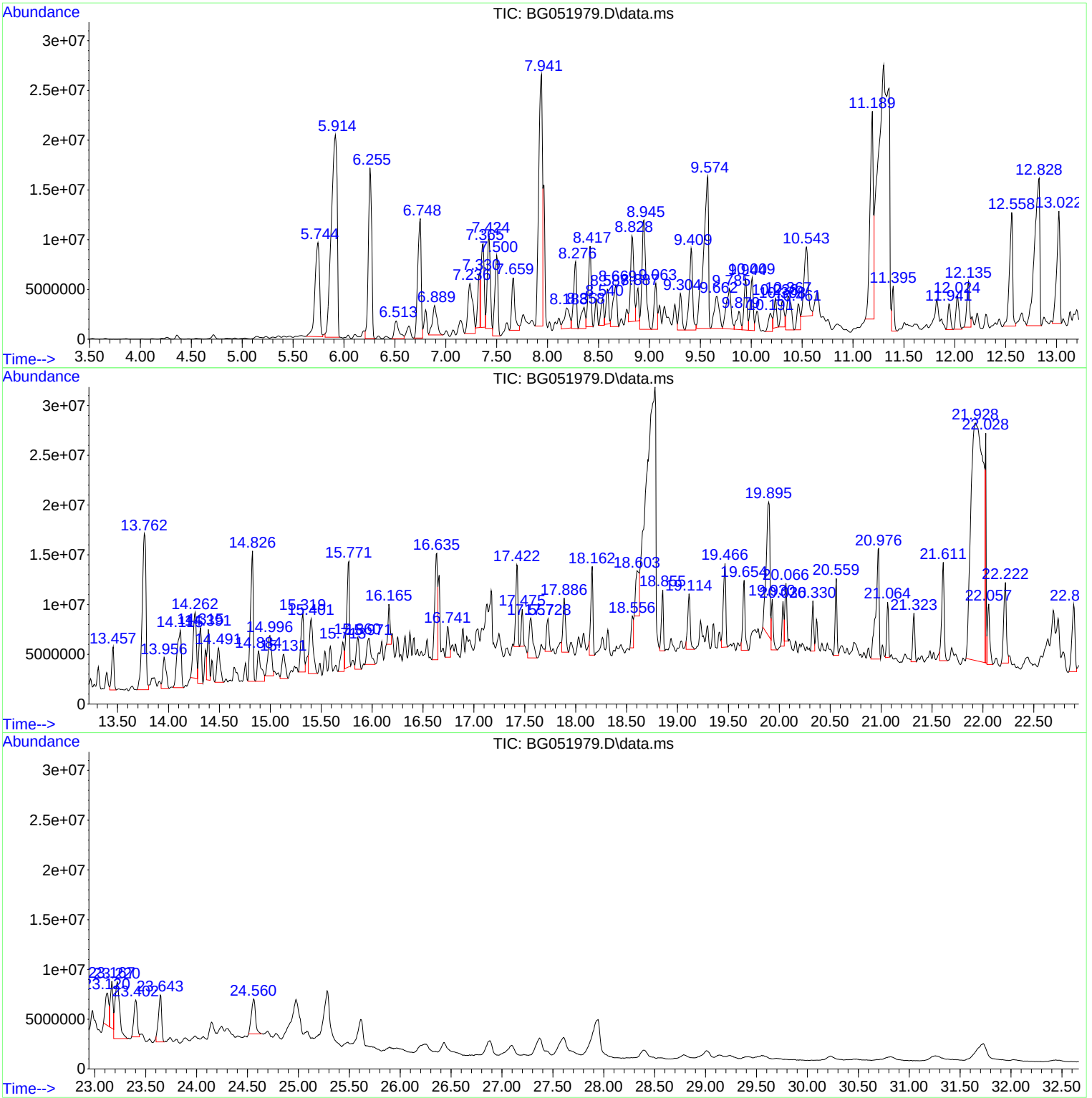
Sum of corrected areas: 1634637298

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

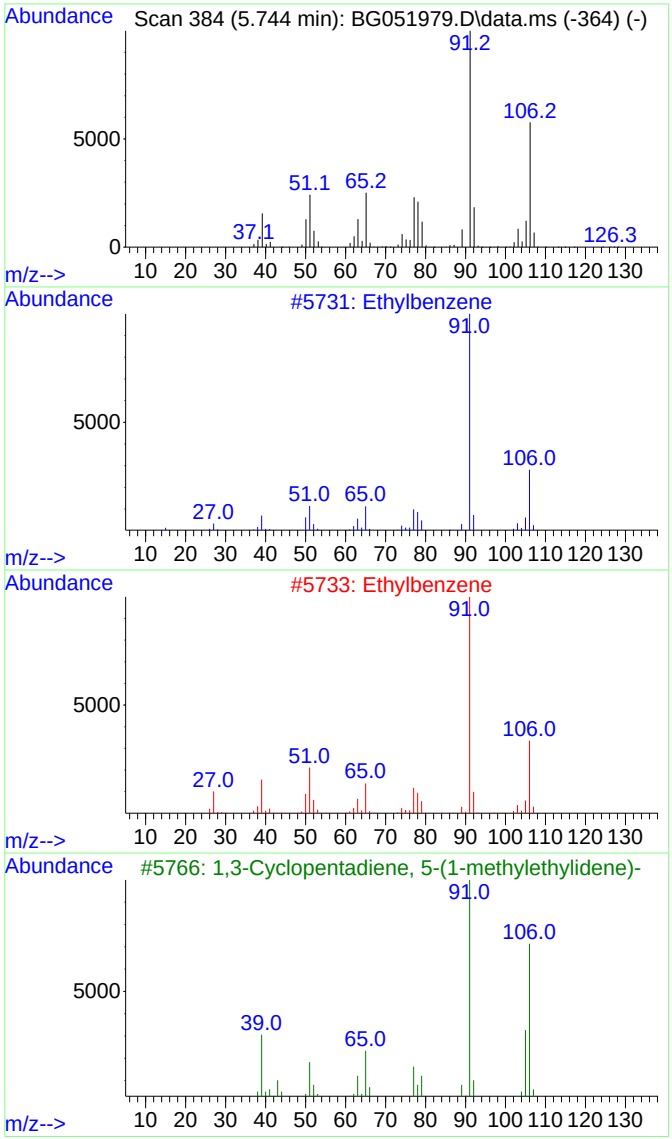
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

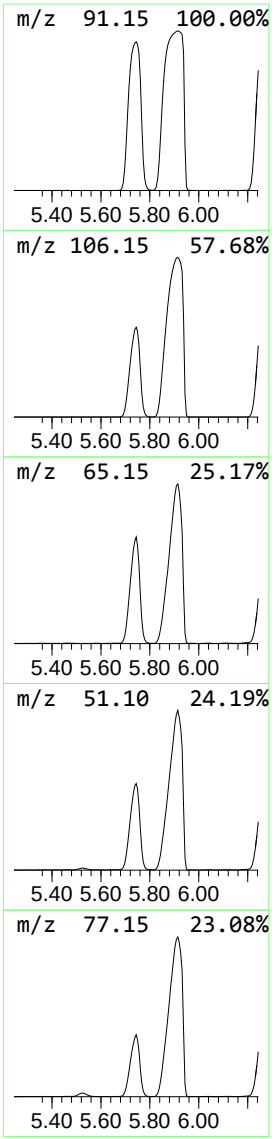
**********

Peak Number 1 Ethylbenzene Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.744 | 45.56 ng/ul | 29564300 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 91 |
| 2 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 76 |
| 3 | 1,3-Cyclopentadiene, 5-(1-methyl... | 106 | C8H10 | 002175-91-9 | 72 |
| 4 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 68 |
| 5 | p-Xylene | 106 | C8H10 | 000106-42-3 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

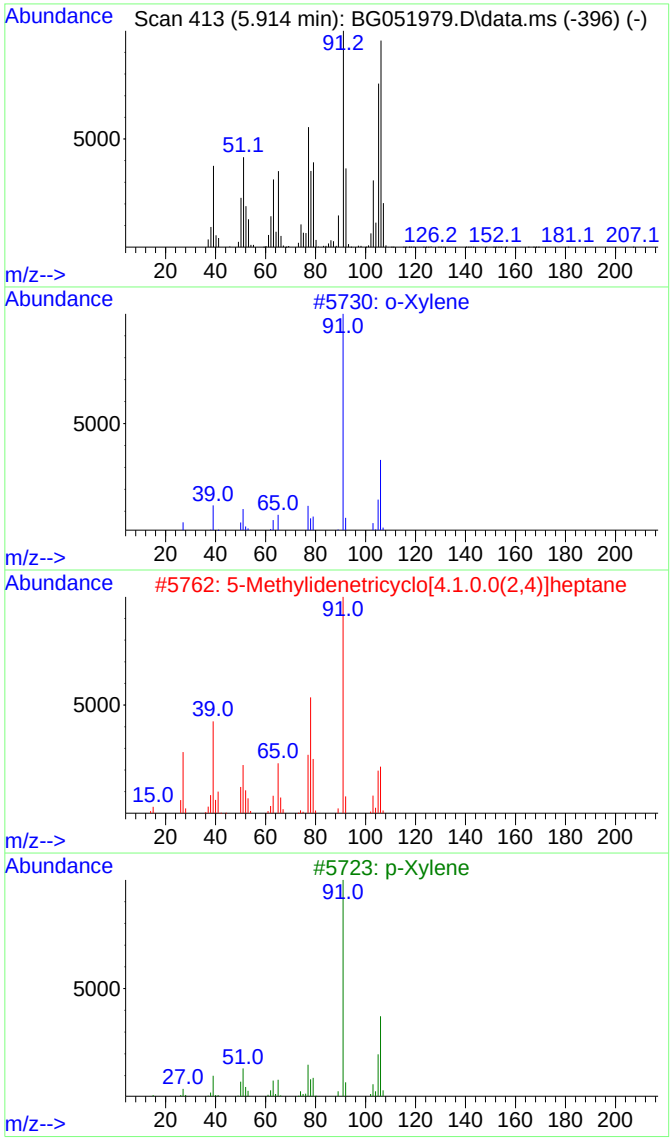
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

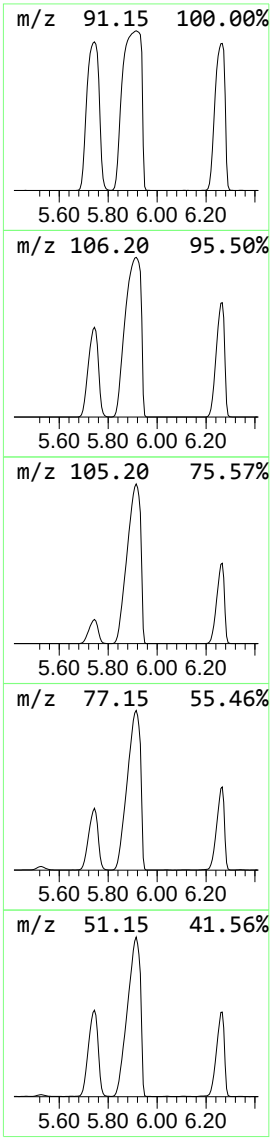
**********

Peak Number 2 o-Xylene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.914 | 124.77 ng/ul | 80963900 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Xylene | 106 | C8H10 | 000095-47-6 | 53 |
| 2 | 5-Methylidenetricyclo[4.1.0.0(2,... | 106 | C8H10 | 1000436-95-4 | 52 |
| 3 | p-Xylene | 106 | C8H10 | 000106-42-3 | 52 |
| 4 | 1-Cyclohexene, 1-ethynyl- | 106 | C8H10 | 1000327-56-5 | 52 |
| 5 | 2-Amino-2-phenylethyl benzoate | 241 | C15H15NO2 | 496871-35-3 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

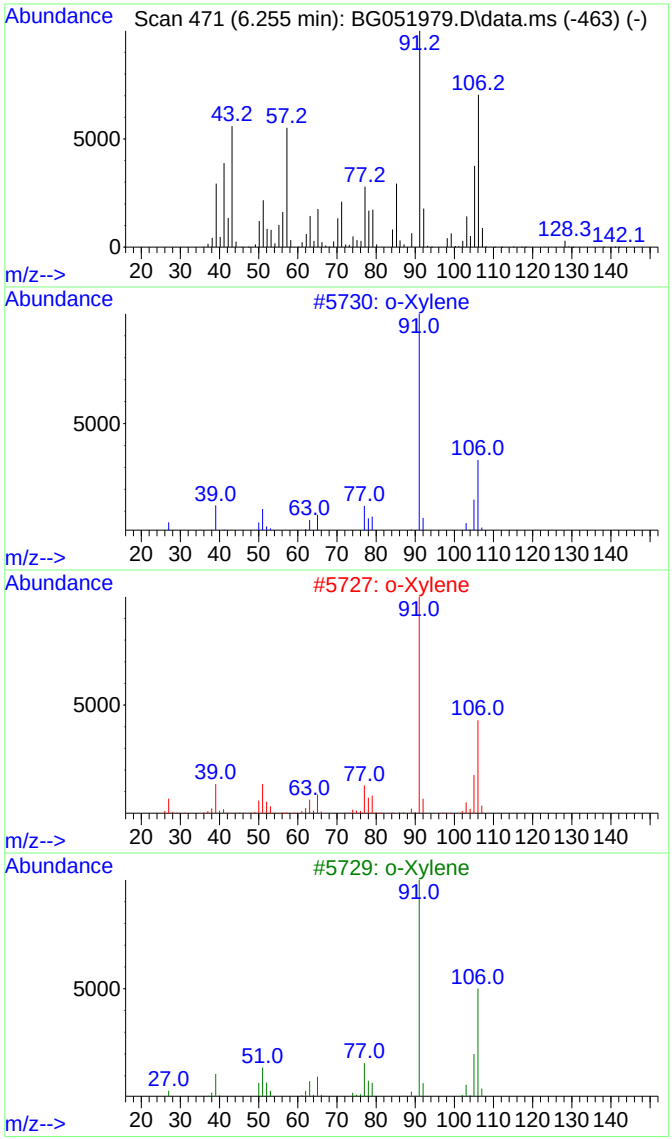
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

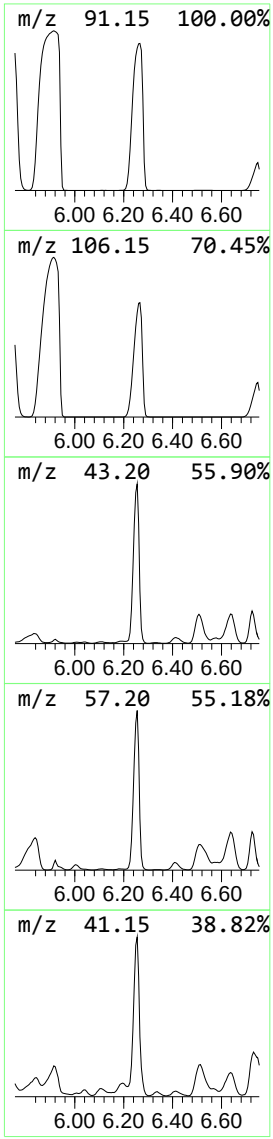
**********

Peak Number 3 p-Xylene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.255 | 59.25 ng/ul | 38445600 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Xylene | 106 | C8H10 | 000095-47-6 | 83 |
| 2 | o-Xylene | 106 | C8H10 | 000095-47-6 | 83 |
| 3 | o-Xylene | 106 | C8H10 | 000095-47-6 | 64 |
| 4 | p-Xylene | 106 | C8H10 | 000106-42-3 | 64 |
| 5 | p-Xylene | 106 | C8H10 | 000106-42-3 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

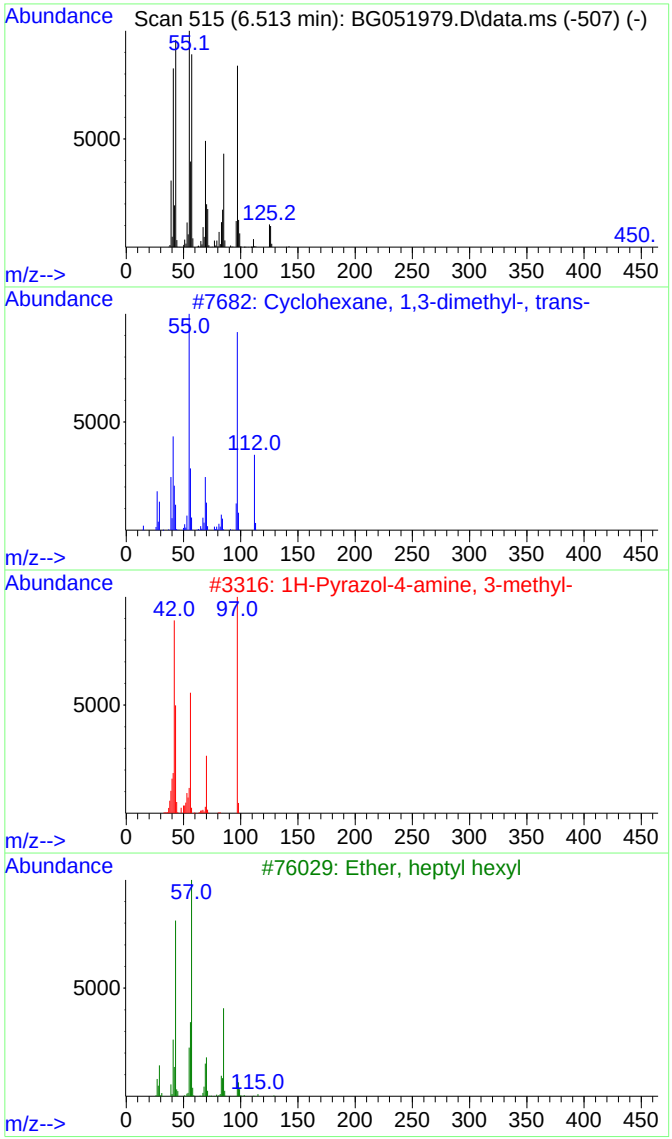
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

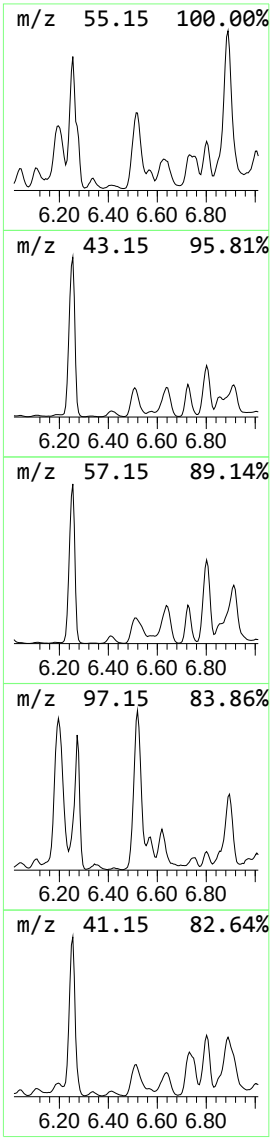
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Cyclic6.513 Concentration Rank 59

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.513 | 8.74 ng/ul | 5668170 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 52 |
| 2 | 1H-Pyrazol-4-amine, 3-methyl- | 97 | C4H7N3 | 1010338-28-2 | 46 |
| 3 | Ether, heptyl hexyl | 200 | C13H28O | 007289-40-9 | 46 |
| 4 | Cyclohexane, 1-ethyl-2-methyl-, ... | 126 | C9H18 | 004923-77-7 | 43 |
| 5 | Cyclohexane, 1,4-dimethyl-, trans- | 112 | C8H16 | 002207-04-7 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

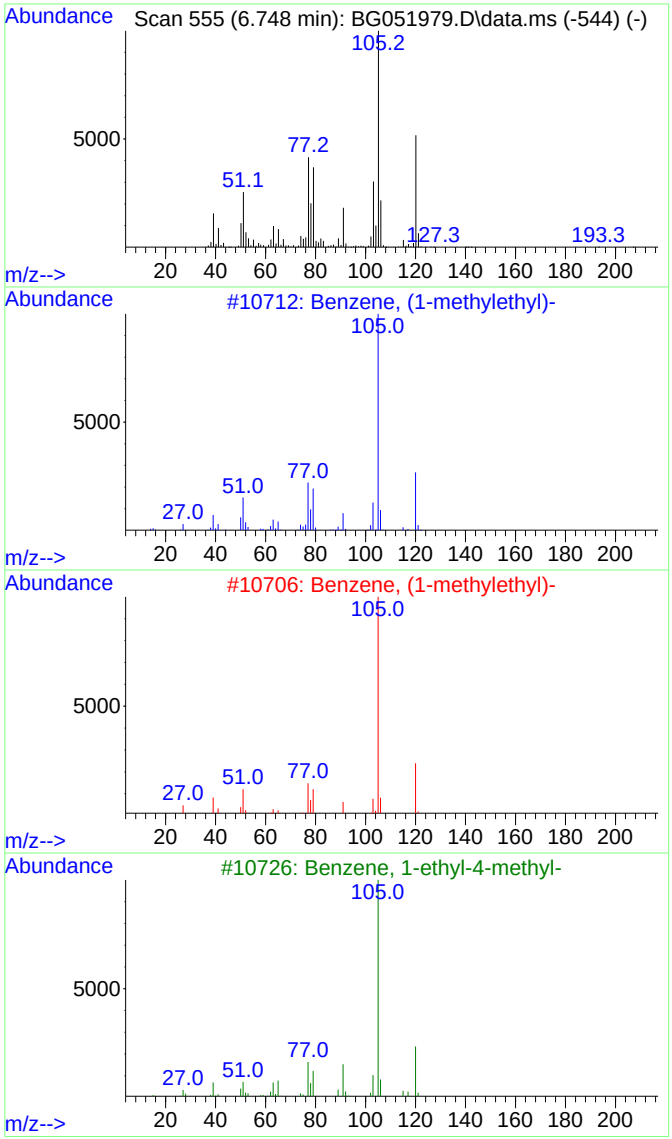
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

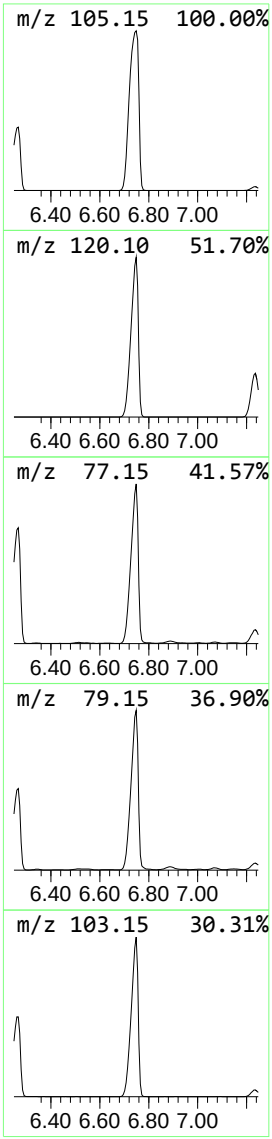
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.748 | 43.05 ng/ul | 27934800 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 91 |
| 2 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 87 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 64 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 64 |
| 5 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

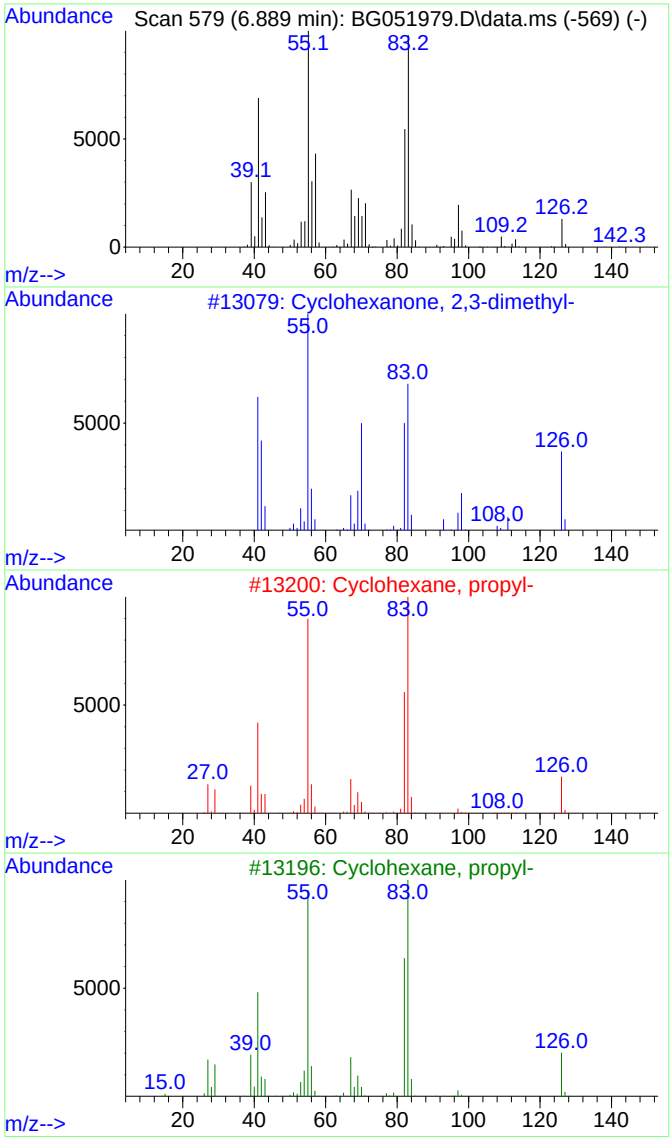
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

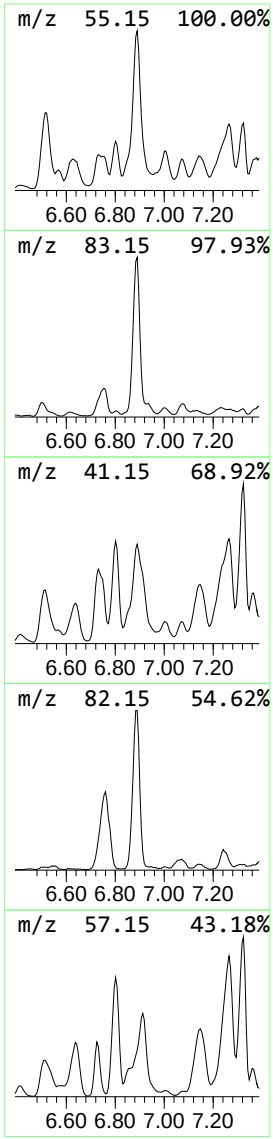
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Cyclohexanone, 2,3-dimethyl- Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.889 | 14.21 ng/ul | 9217620 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanone, 2,3-dimethyl- | 126 | C8H14O | 013395-76-1 | 72 |
| 2 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 64 |
| 3 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 59 |
| 4 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 59 |
| 5 | Cyclohexane, (1-methylethyl)- | 126 | C9H18 | 000696-29-7 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

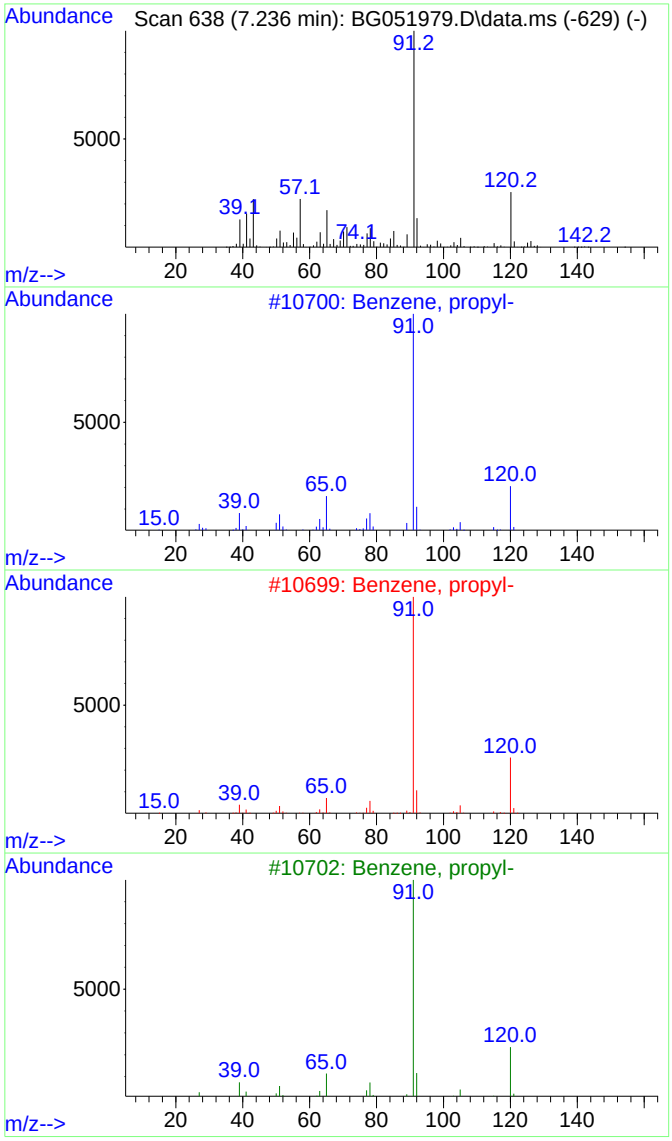
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

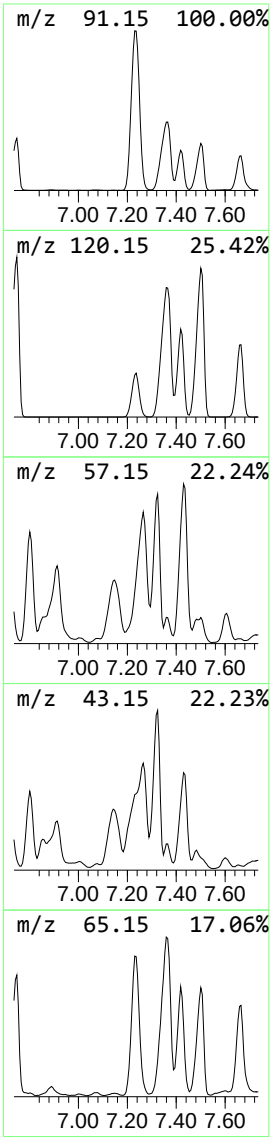
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, propyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.236 | 25.36 ng/ul | 16454000 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 93 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 70 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 70 |
| 4 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 58 |
| 5 | Benzaldehyde, 3-methyl- | 120 | C8H8O | 000620-23-5 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

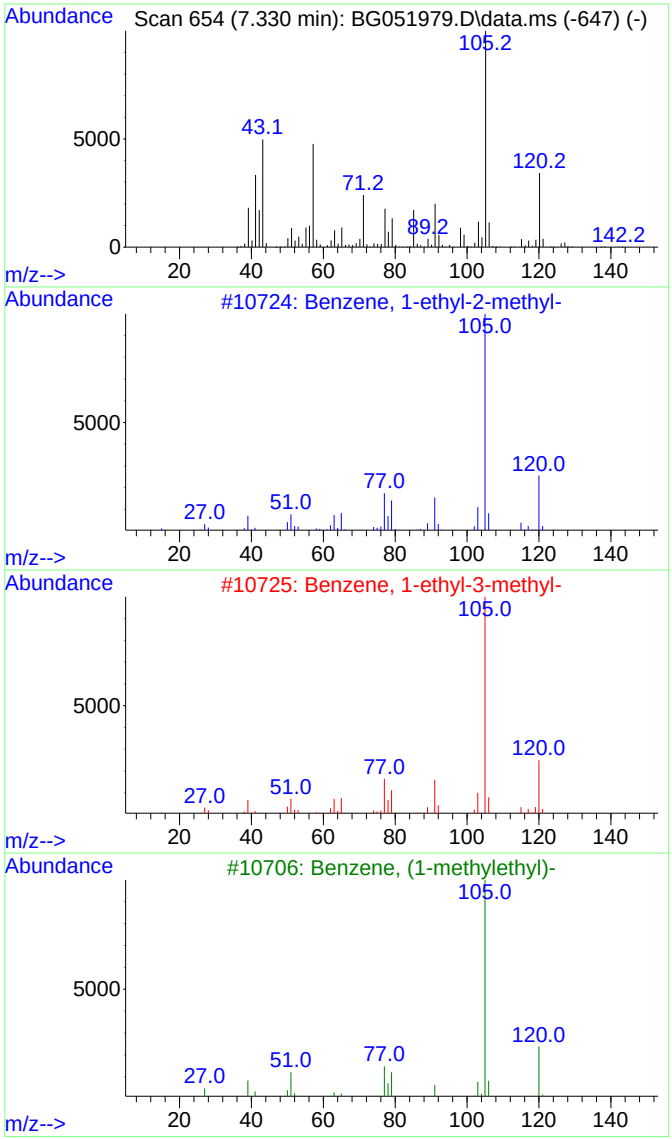
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

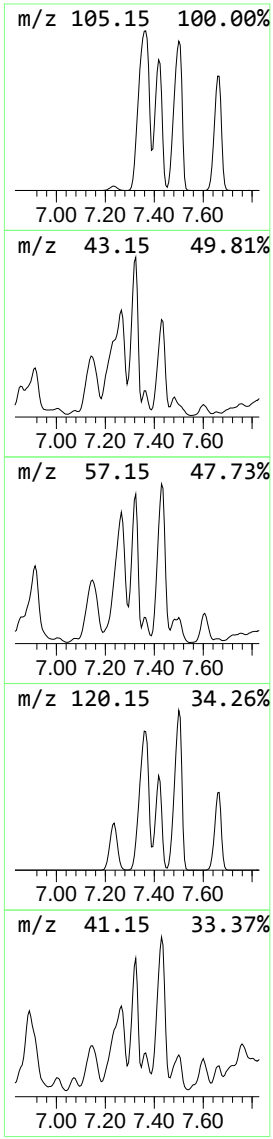
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.330 | 13.55 ng/ul | 8791280 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 3 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 60 |
| 4 | 2,4-Nonadiyne | 120 | C9H12 | 063621-15-8 | 60 |
| 5 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

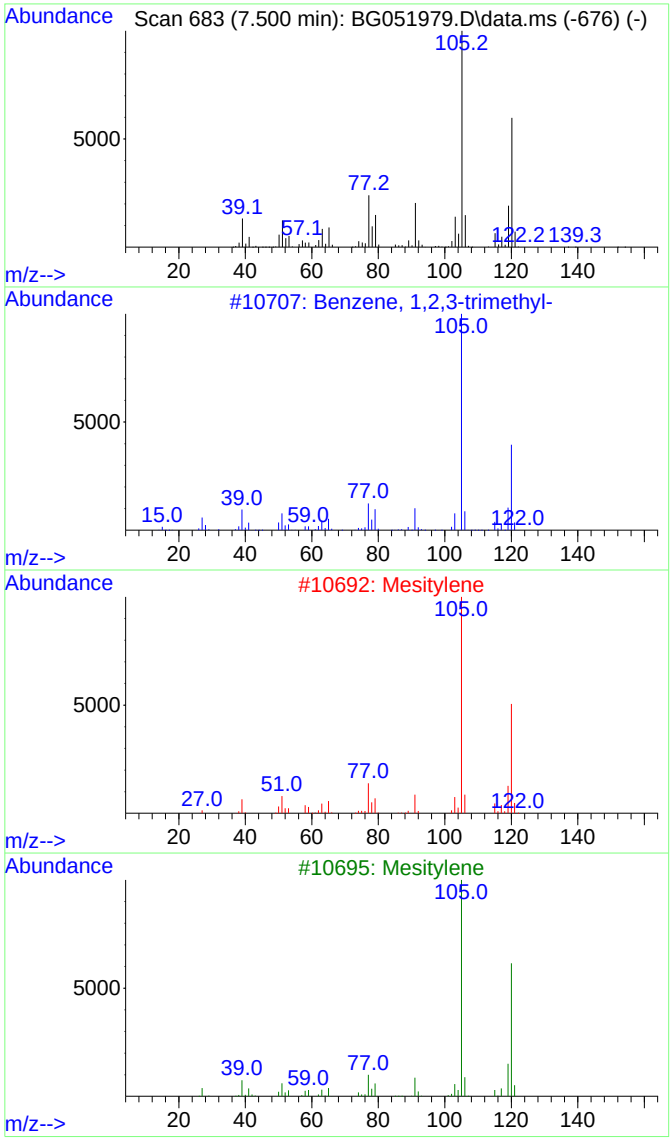
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

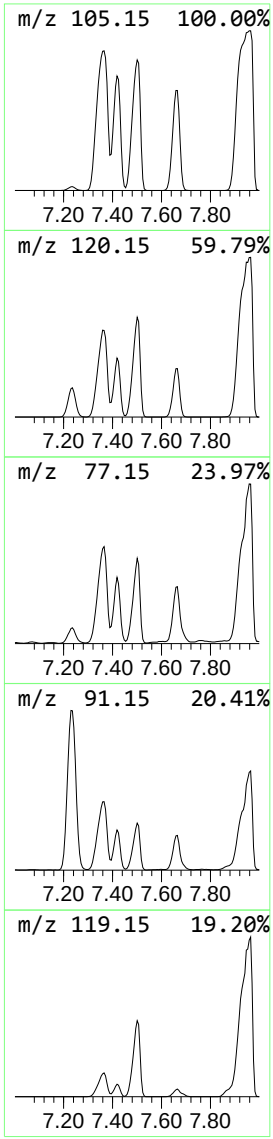
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.500 | 26.34 ng/ul | 17088700 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 93 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

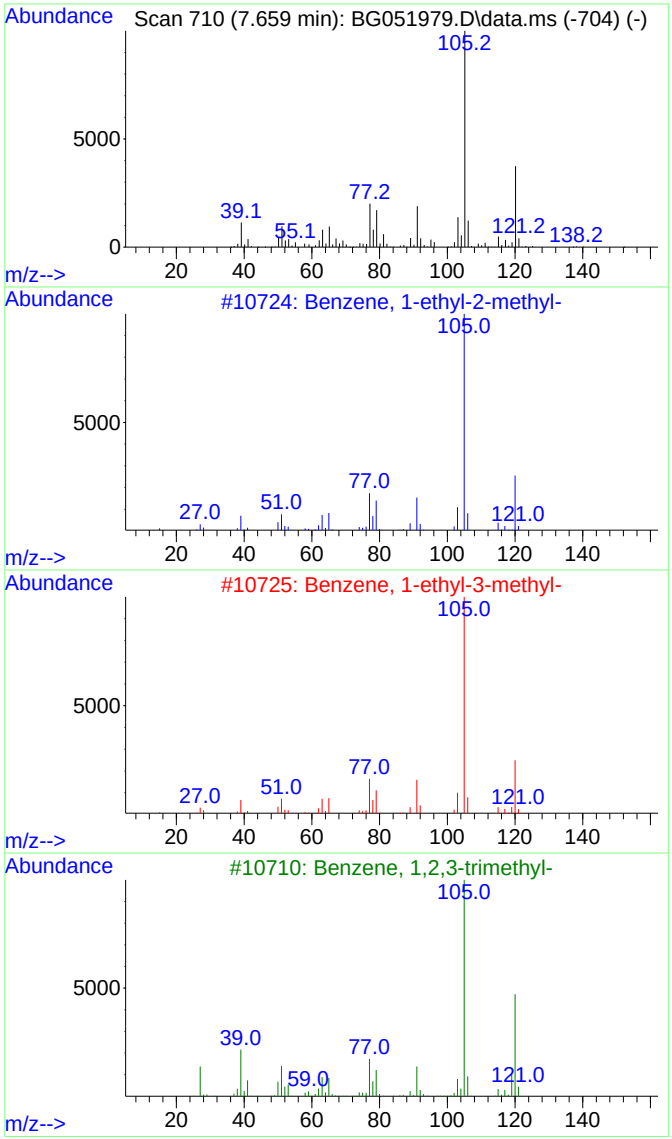
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

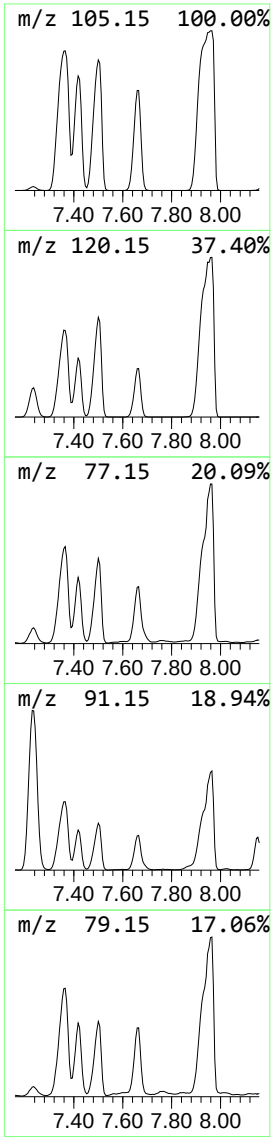
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.659 | 17.76 ng/ul | 11521100 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 93 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 93 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 90 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

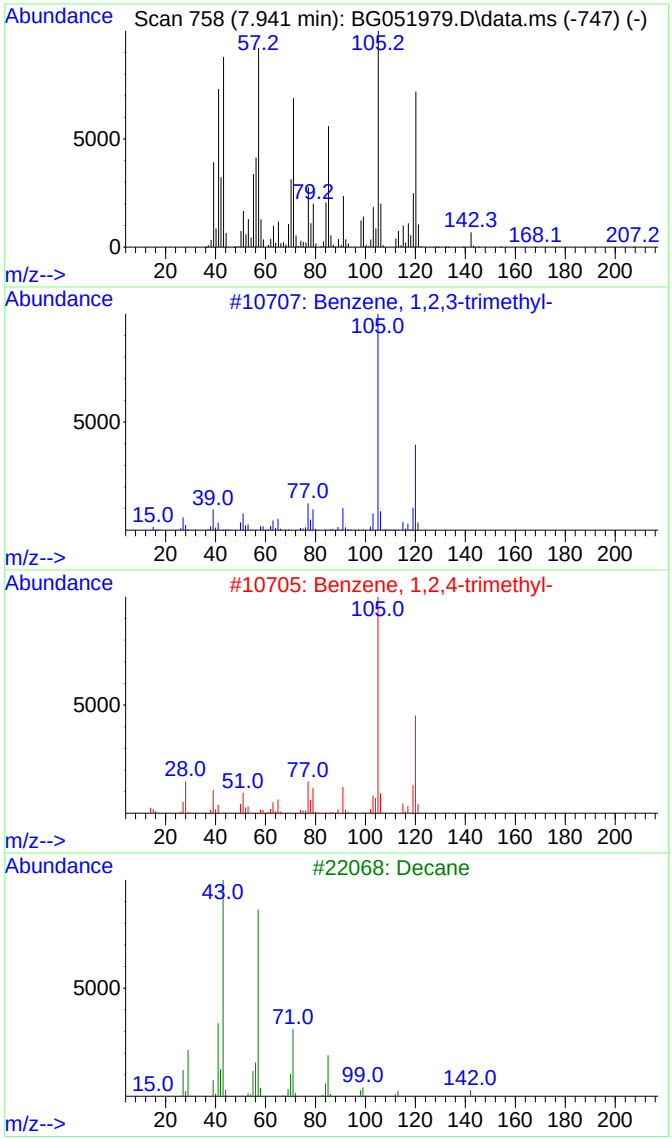
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

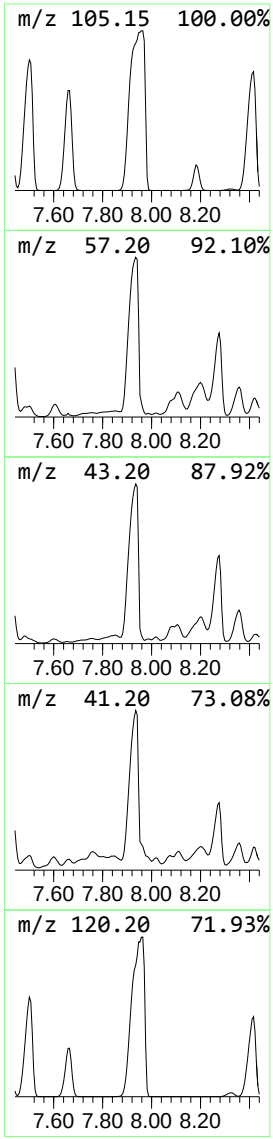
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.941 | 98.86 ng/ul | 64149300 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 70 |
| 2 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 52 |
| 3 | Decane | 142 | C10H22 | 000124-18-5 | 38 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 38 |
| 5 | Decane, 1,1'-oxybis- | 298 | C20H42O | 002456-28-2 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

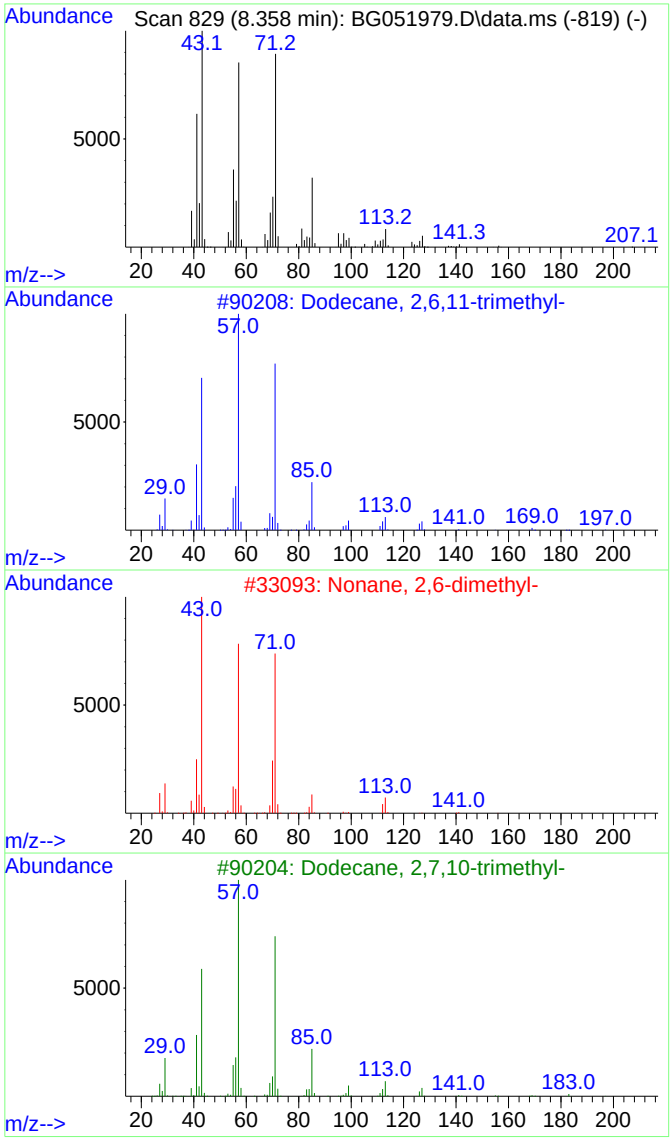
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

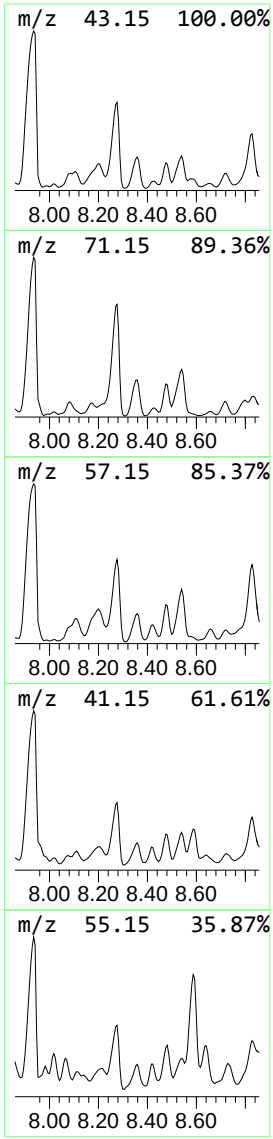
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 58

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.358 | 9.41 ng/ul | 6108590 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 64 |
| 2 | Nonane, 2,6-dimethyl- | 156 | C11H24 | 017302-28-2 | 59 |
| 3 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 59 |
| 4 | Octane, 3-ethyl- | 142 | C10H22 | 005881-17-4 | 53 |
| 5 | Sulfurous acid, octyl 2-pentyl e... | 264 | C13H28O3S | 1000309-15-7 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

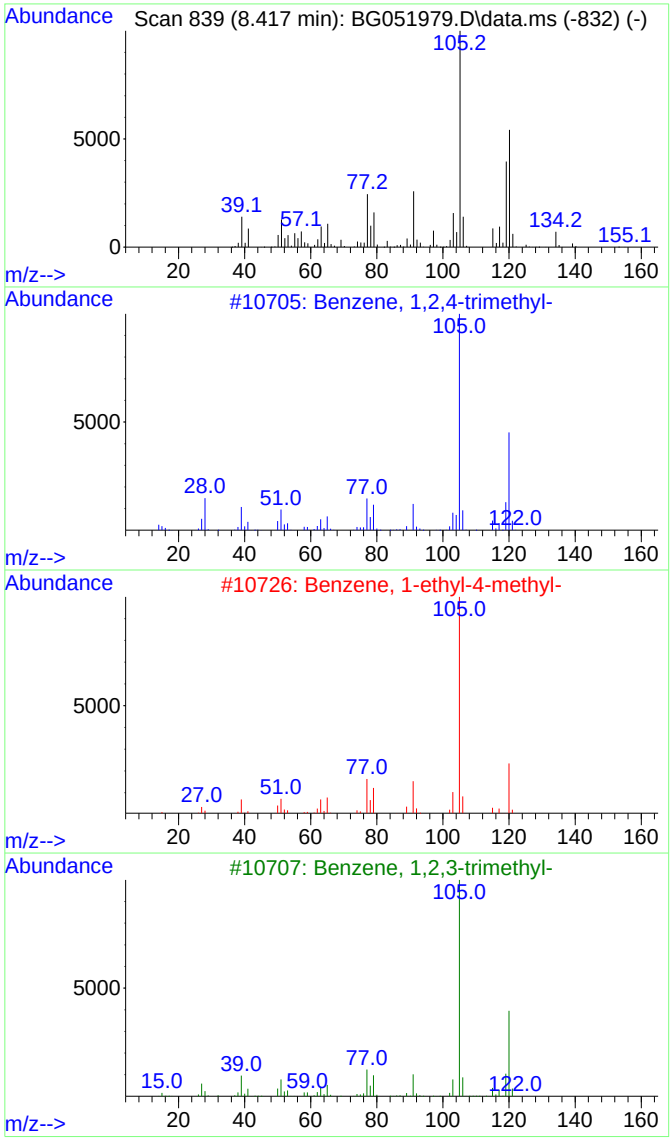
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

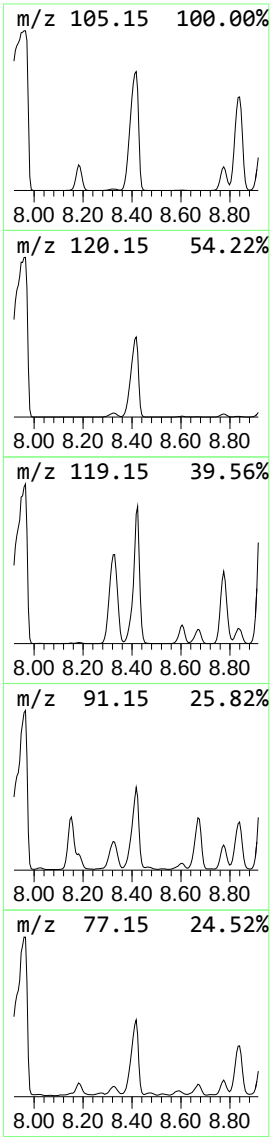
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, 1-ethyl-4-methyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.417 | 23.42 ng/ul | 15197700 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 64 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 62 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 60 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 60 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

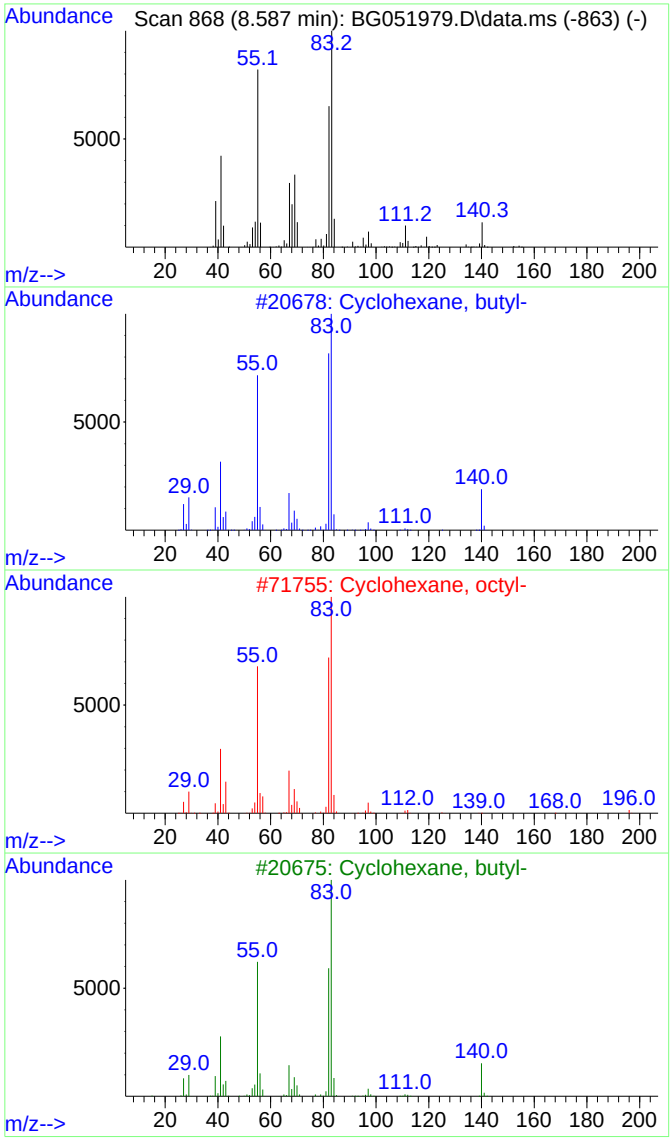
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

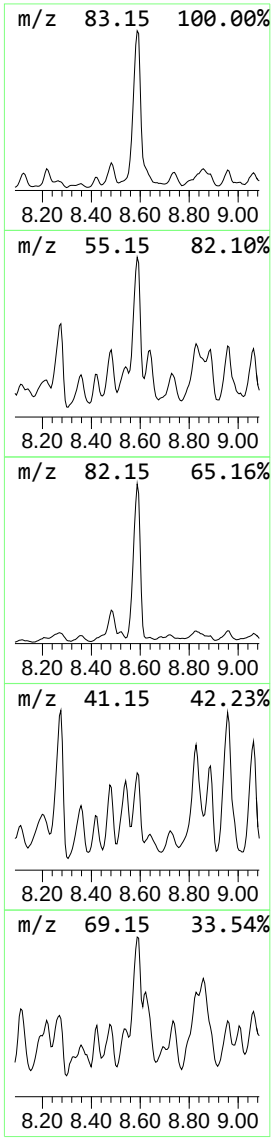
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 (DEL) Alkane: Cyclic8.587 Concentration Rank 57

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.587 | 10.01 ng/ul | 6494150 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 64 |
| 2 | Cyclohexane, octyl- | 196 | C14H28 | 001795-15-9 | 64 |
| 3 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 64 |
| 4 | Cyclohexane, (1-methylethyl)- | 126 | C9H18 | 000696-29-7 | 59 |
| 5 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

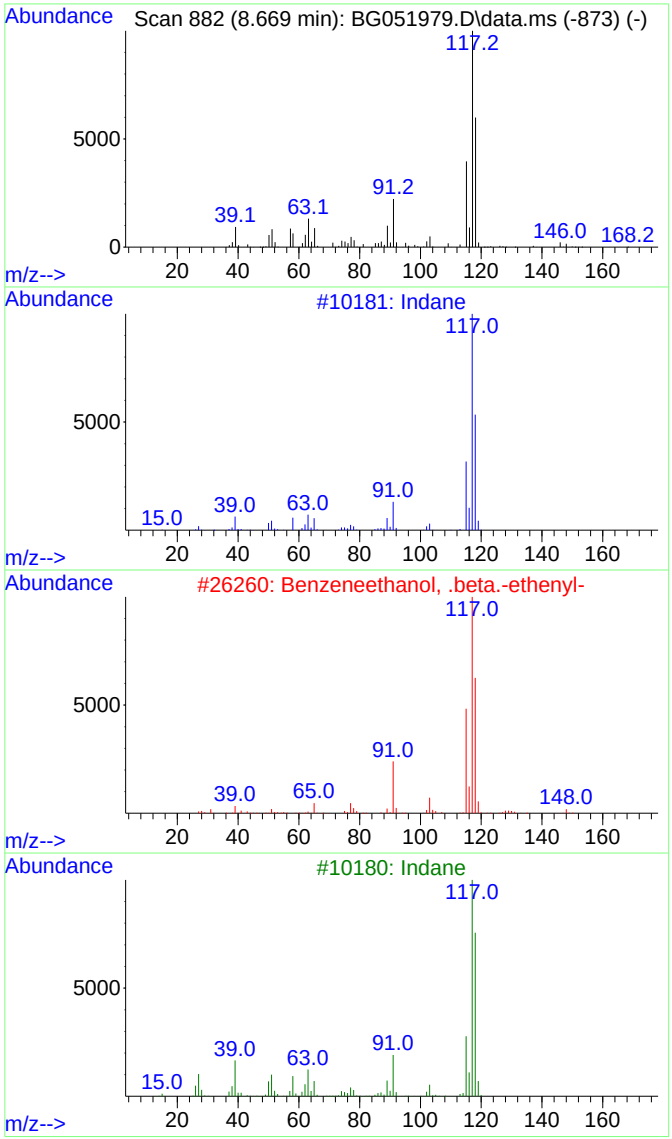
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

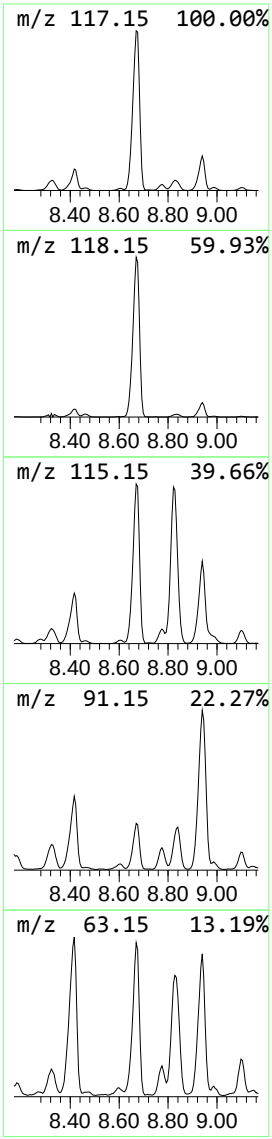
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Indane Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.669 | 17.24 ng/ul | 11187600 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 89 |
| 2 | Benzeneethanol, .beta.-ethenyl- | 148 | C10H12O | 006052-63-7 | 83 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 4 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 5 | Indane | 118 | C9H10 | 000496-11-7 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

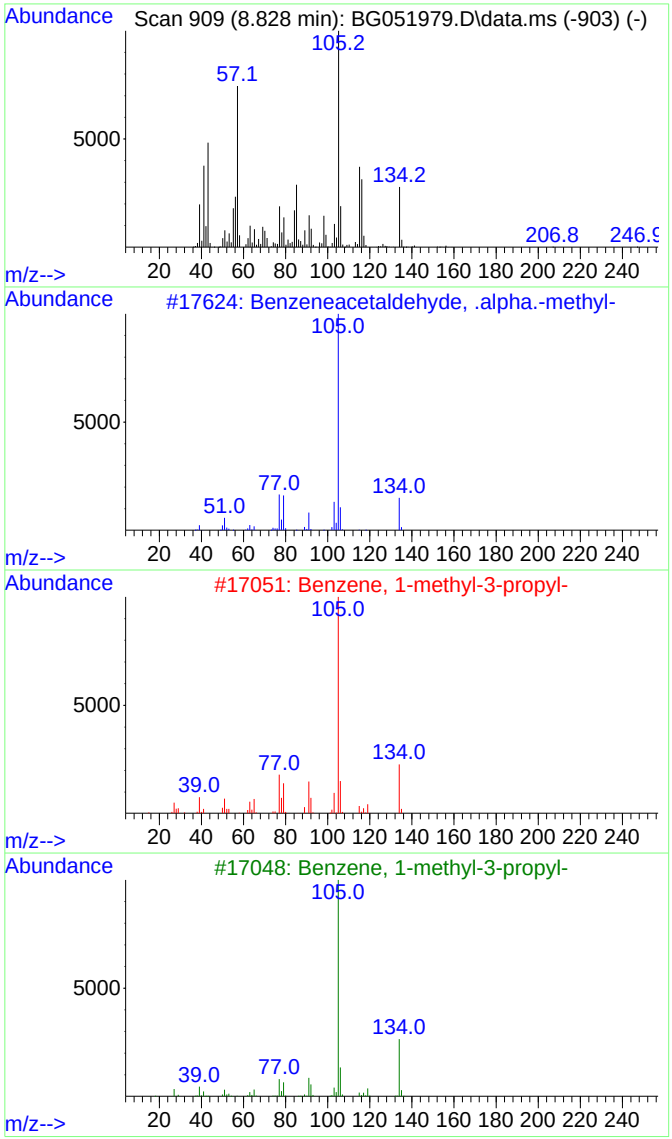
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

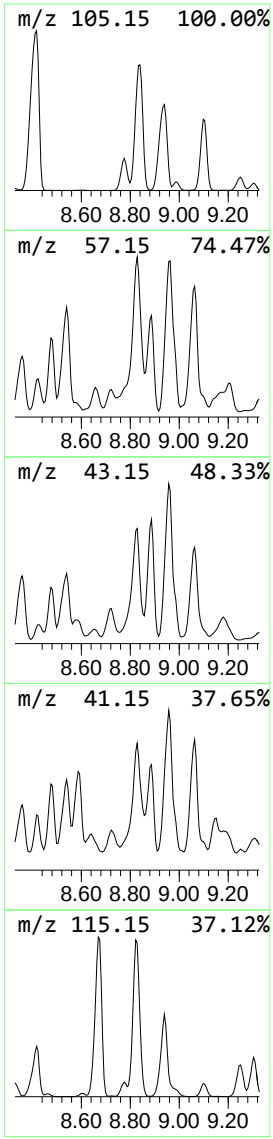
**********

Peak Number 18 unknown-01 Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.828 | 29.81 ng/ul | 19345500 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O | 000093-53-8 | 38 |
| 2 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 38 |
| 3 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 30 |
| 4 | 2-Indanol | 134 | C9H10O | 004254-29-9 | 30 |
| 5 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

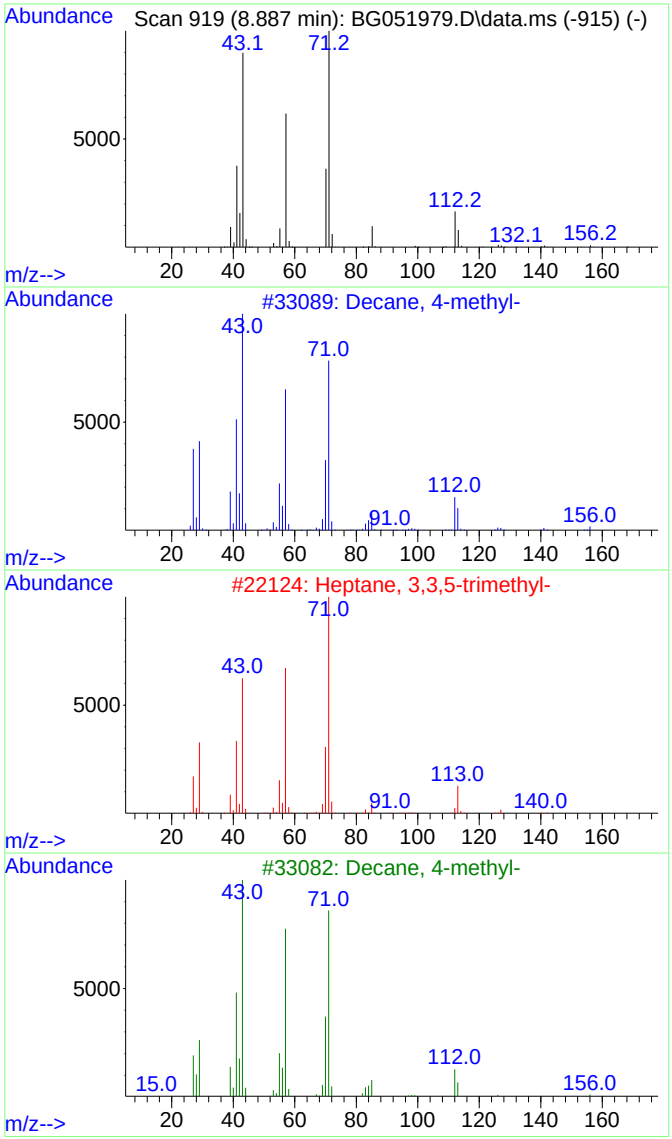
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

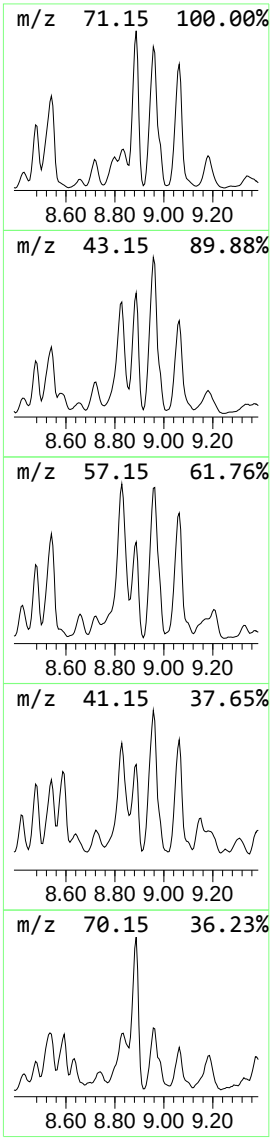
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 62

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.887 | 7.58 ng/ul | 4915880 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 4-methyl- | 156 | C11H24 | 002847-72-5 | 83 |
| 2 | Heptane, 3,3,5-trimethyl- | 142 | C10H22 | 007154-80-5 | 72 |
| 3 | Decane, 4-methyl- | 156 | C11H24 | 002847-72-5 | 68 |
| 4 | 4-Methyl-3-heptanol, pentafluoro... | 276 | C11H17F5O2 | 1000365-51-7 | 64 |
| 5 | Heptane, 2,5,5-trimethyl- | 142 | C10H22 | 001189-99-7 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

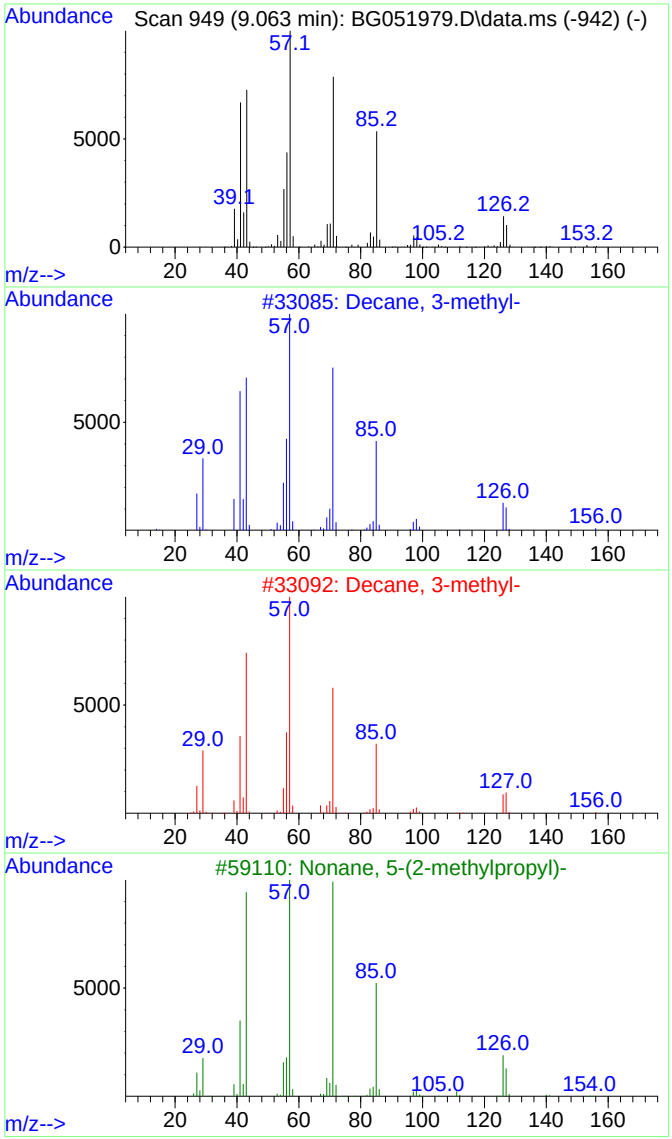
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

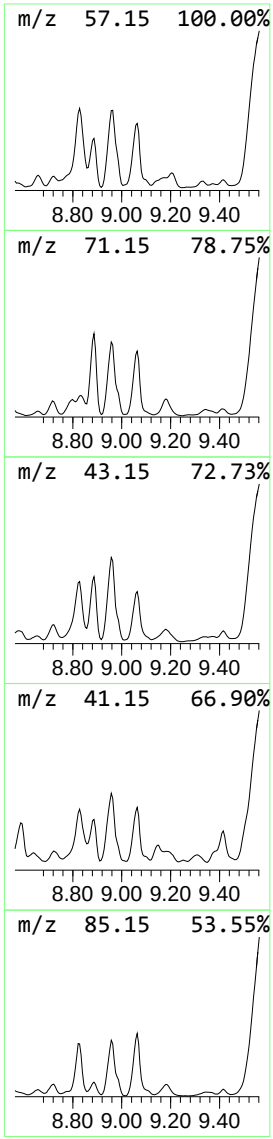
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.063 | 13.58 ng/ul | 8810900 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 3-methyl- | 156 | C11H24 | 013151-34-3 | 91 |
| 2 | Decane, 3-methyl- | 156 | C11H24 | 013151-34-3 | 90 |
| 3 | Nonane, 5-(2-methylpropyl)- | 184 | C13H28 | 062185-53-9 | 80 |
| 4 | Nonane, 5-butyl- | 184 | C13H28 | 017312-63-9 | 64 |
| 5 | Nonane, 5-butyl- | 184 | C13H28 | 017312-63-9 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

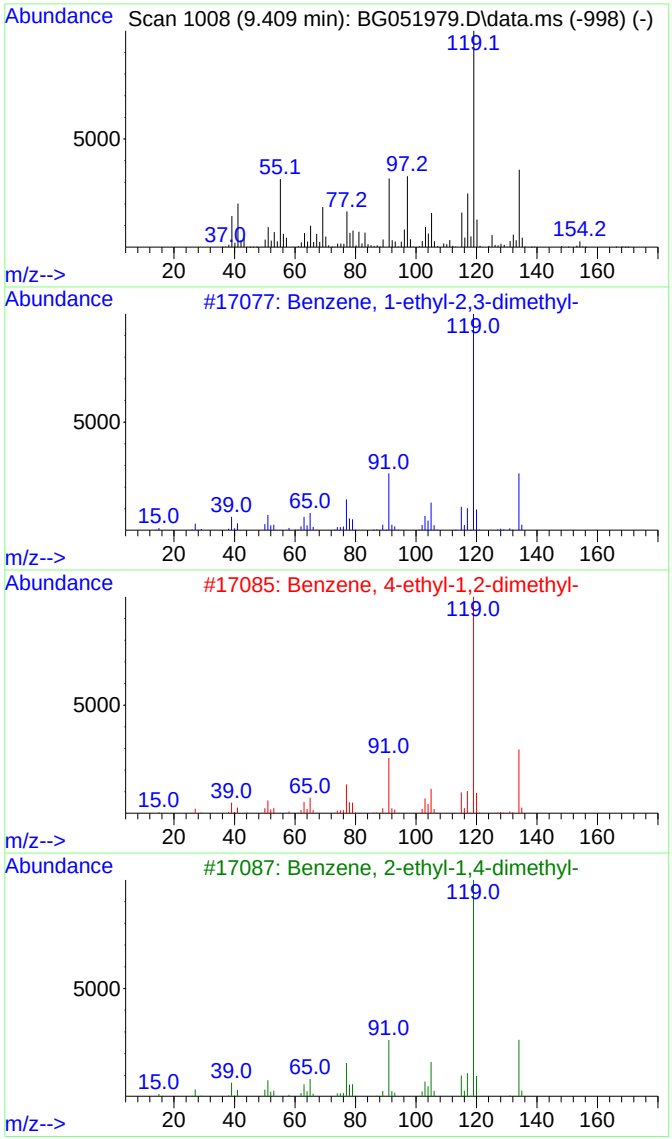
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

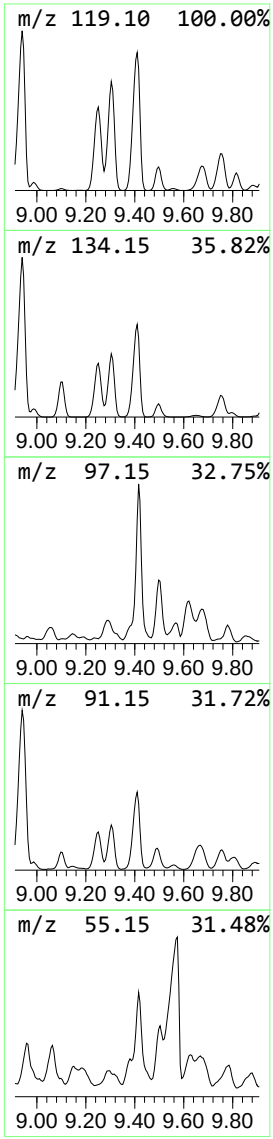
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.409 | 28.89 ng/ul | 18747600 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 95 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 93 |
| 3 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 93 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 76 |
| 5 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

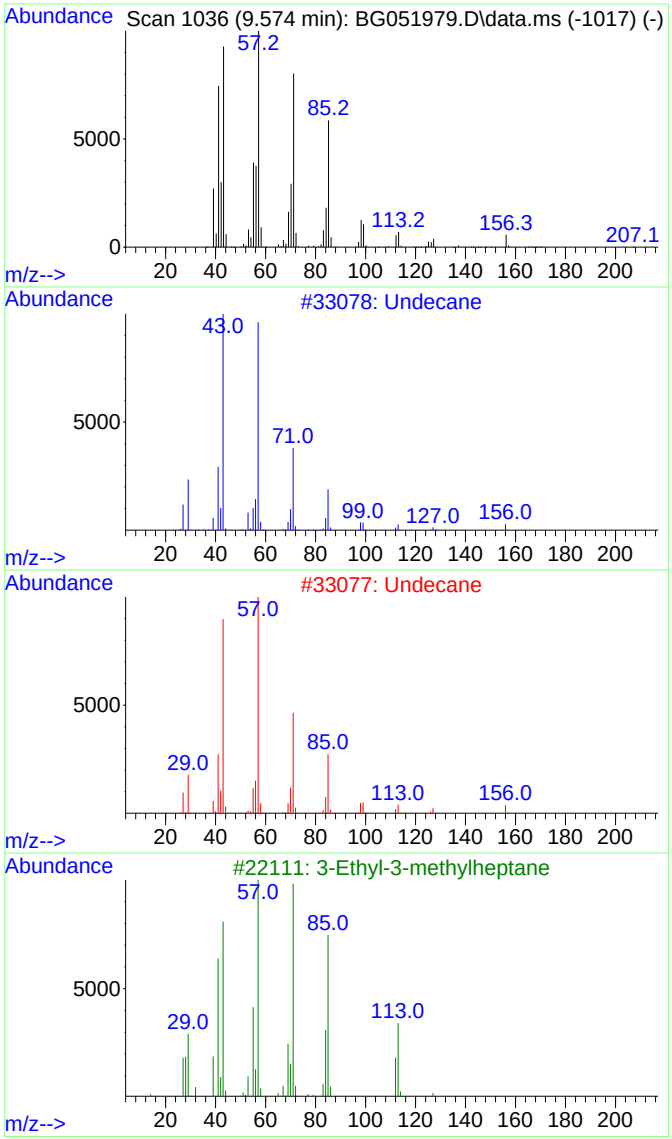
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

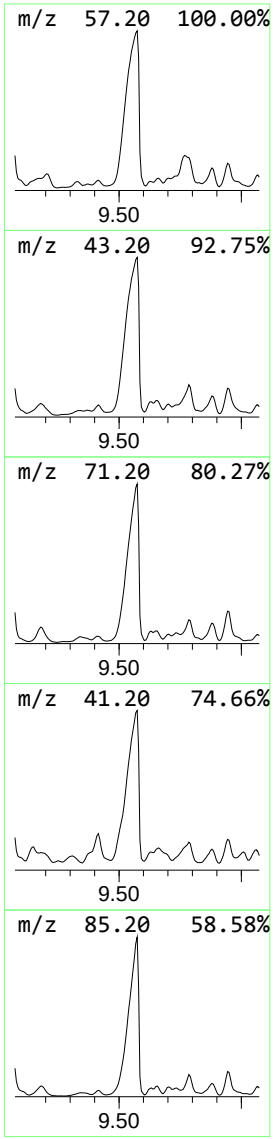
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.574 | 80.69 ng/ul | 52360400 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane | 156 | C11H24 | 001120-21-4 | 86 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 72 |
| 3 | 3-Ethyl-3-methylheptane | 142 | C10H22 | 017302-01-1 | 64 |
| 4 | Decane, 2,3,5,8-tetramethyl- | 198 | C14H30 | 192823-15-7 | 64 |
| 5 | Undecane, 5,7-dimethyl- | 184 | C13H28 | 017312-83-3 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

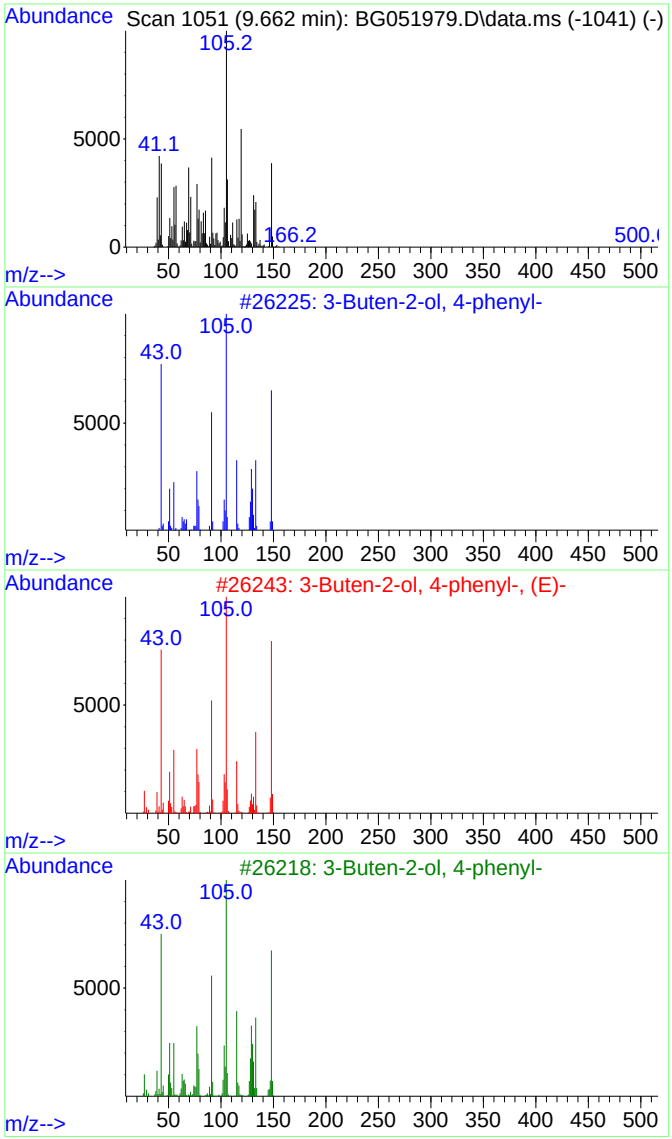
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

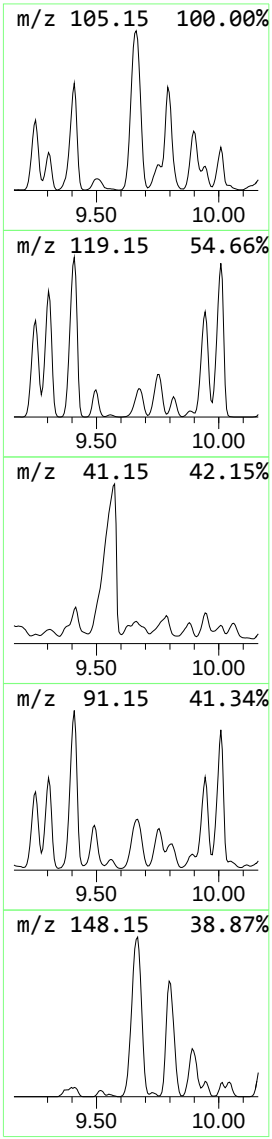
**********

Peak Number 24 unknown-02 Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.662 | 17.15 ng/ul | 11128000 | 1,4-Dichlorobenzene-d4 | 8.276 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Buten-2-ol, 4-phenyl- | 148 | C10H12O | 017488-65-2 | 38 |
| 2 | 3-Buten-2-ol, 4-phenyl-, (E)- | 148 | C10H12O | 1000163-70-9 | 38 |
| 3 | 3-Buten-2-ol, 4-phenyl- | 148 | C10H12O | 017488-65-2 | 38 |
| 4 | 2-Methylindan-2-ol | 148 | C10H12O | 033223-84-6 | 35 |
| 5 | Benzenepropanal, .beta.-methyl- | 148 | C10H12O | 016251-77-7 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

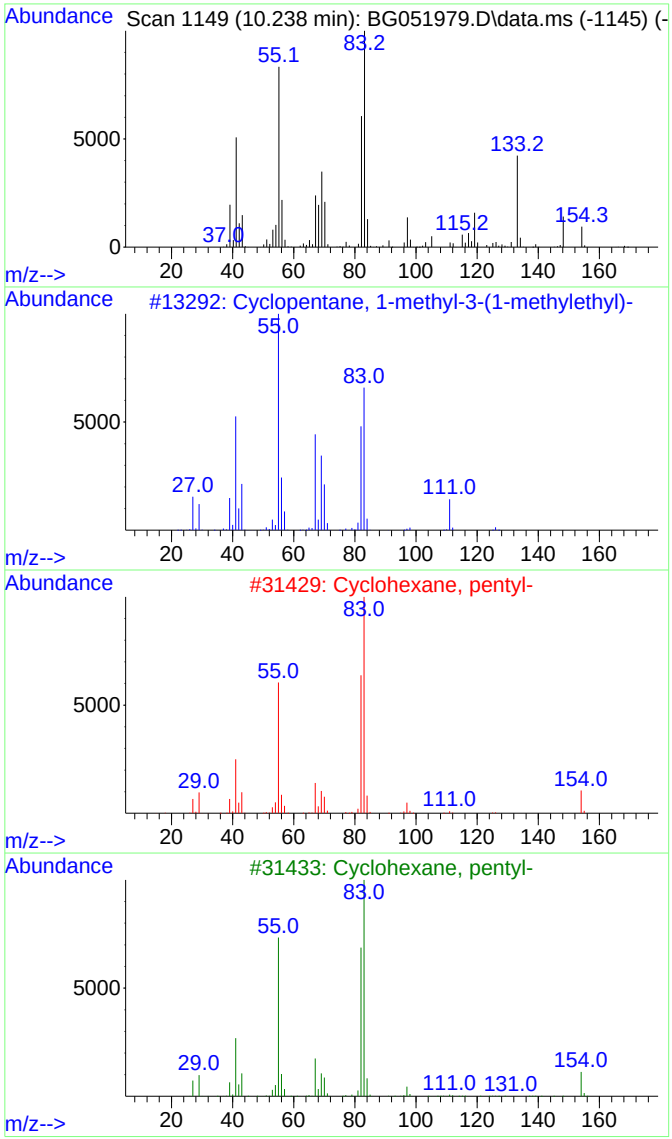
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

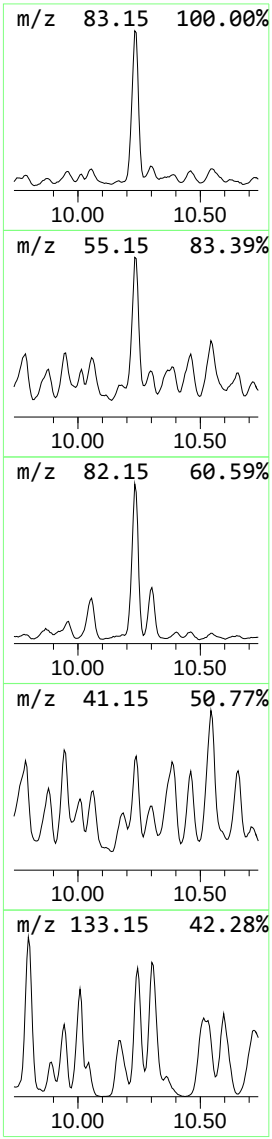
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 (DEL) Alkane: Cyclic10.238 Concentration Rank 69

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.238 | 2.06 ng/ul | 5034500 | Naphthalene-d8 | 11.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, 1-methyl-3-(1-meth... | 126 | C9H18 | 053771-88-3 | 49 |
| 2 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 47 |
| 3 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 47 |
| 4 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 47 |
| 5 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

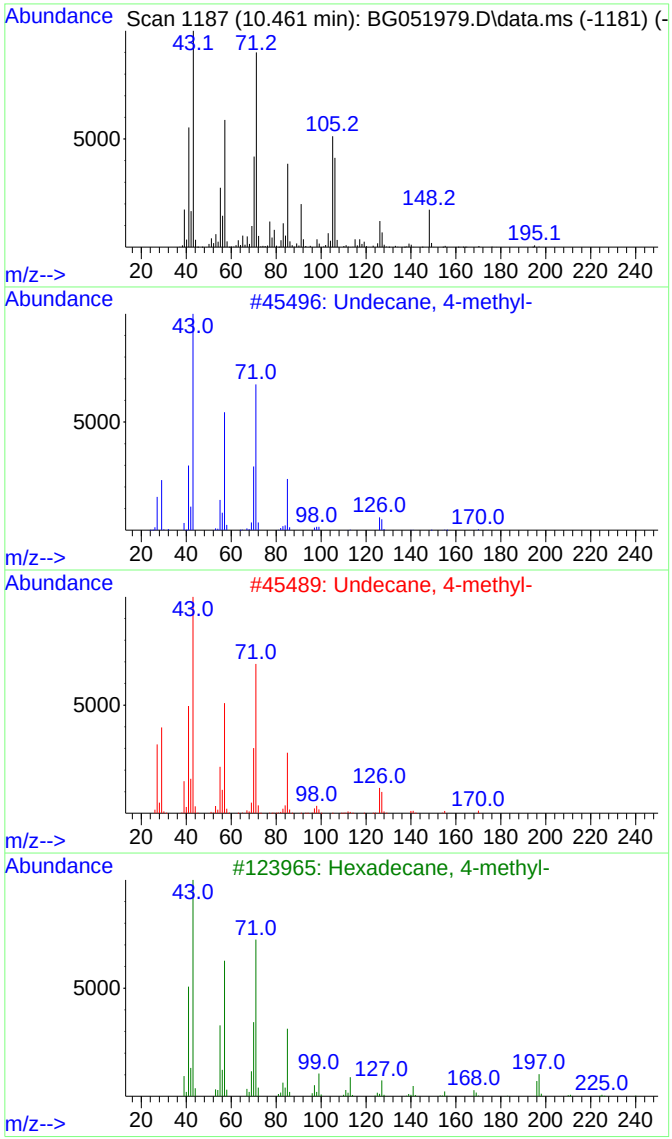
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

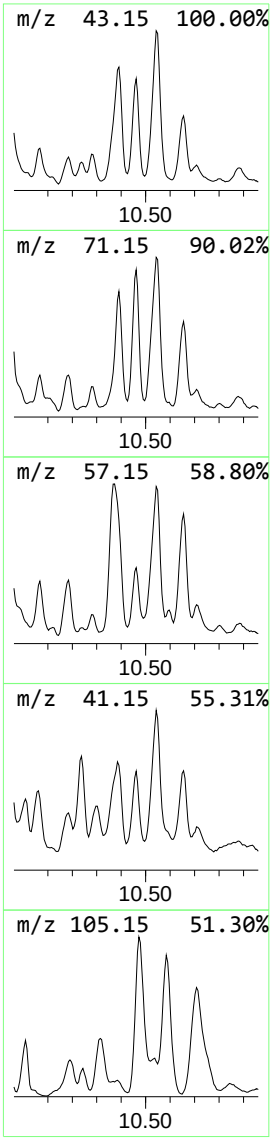
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 68

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.461 | 2.26 ng/ul | 5536080 | Naphthalene-d8 | 11.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 4-methyl- | 170 | C12H26 | 002980-69-0 | 53 |
| 2 | Undecane, 4-methyl- | 170 | C12H26 | 002980-69-0 | 53 |
| 3 | Hexadecane, 4-methyl- | 240 | C17H36 | 025117-26-4 | 50 |
| 4 | Decane, 5-propyl- | 184 | C13H28 | 017312-62-8 | 43 |
| 5 | Sulfurous acid, dodecyl pentyl e... | 320 | C17H36O3S | 1000309-14-5 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

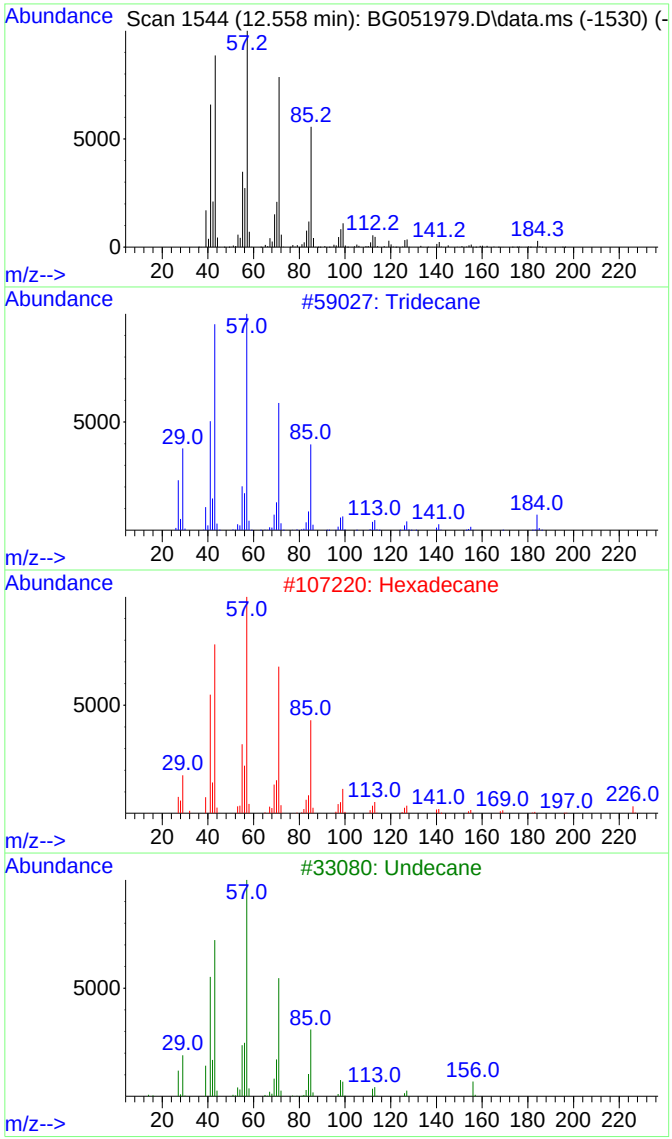
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

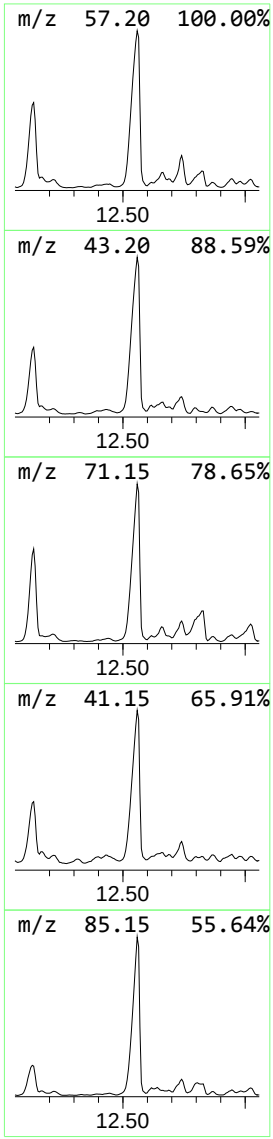
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 56

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.558 | 10.22 ng/ul | 24999700 | Naphthalene-d8 | 11.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 87 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |
| 3 | Undecane | 156 | C11H24 | 001120-21-4 | 86 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 86 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

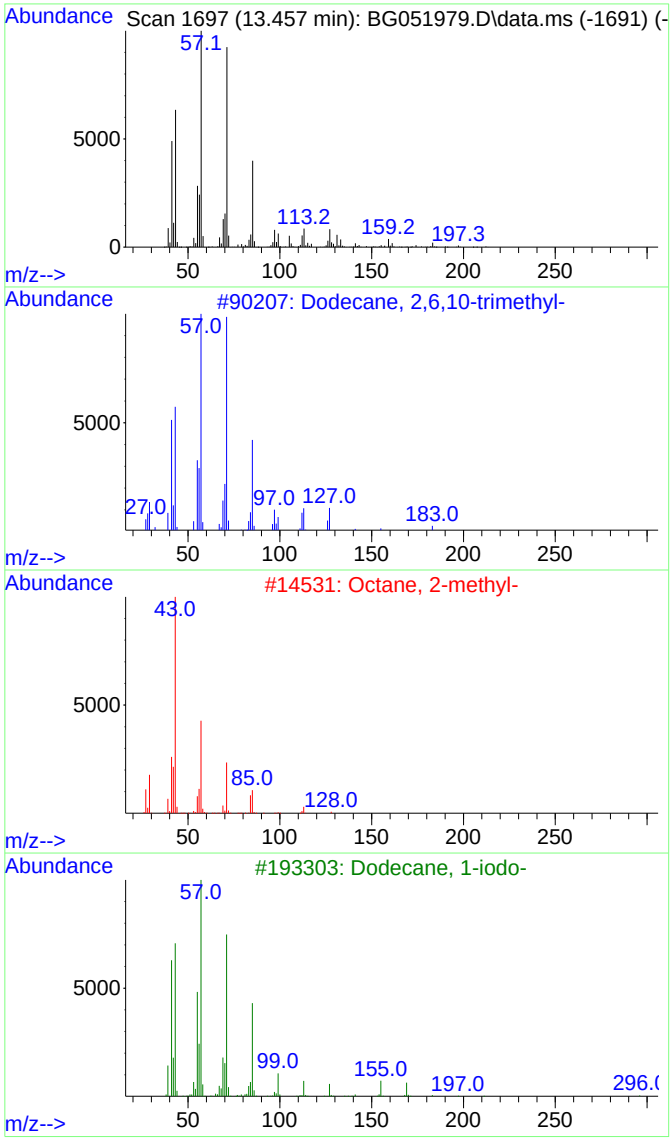
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

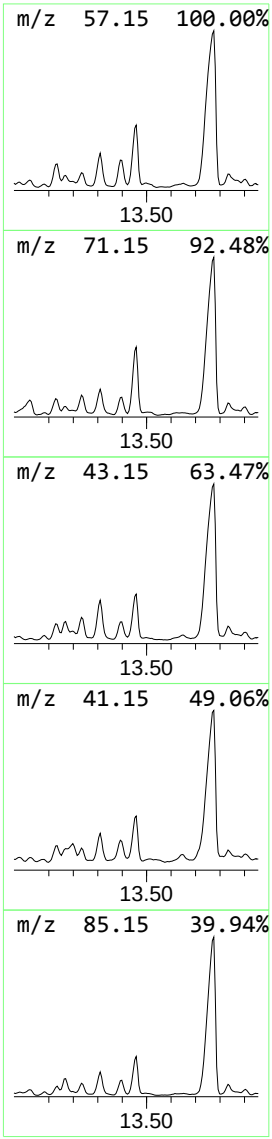
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.457 | 17.47 ng/ul | 6763850 | Acenaphthene-d10 | 14.914 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 90 |
| 2 | Octane, 2-methyl- | 128 | C9H20 | 003221-61-2 | 87 |
| 3 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 78 |
| 4 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 74 |
| 5 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

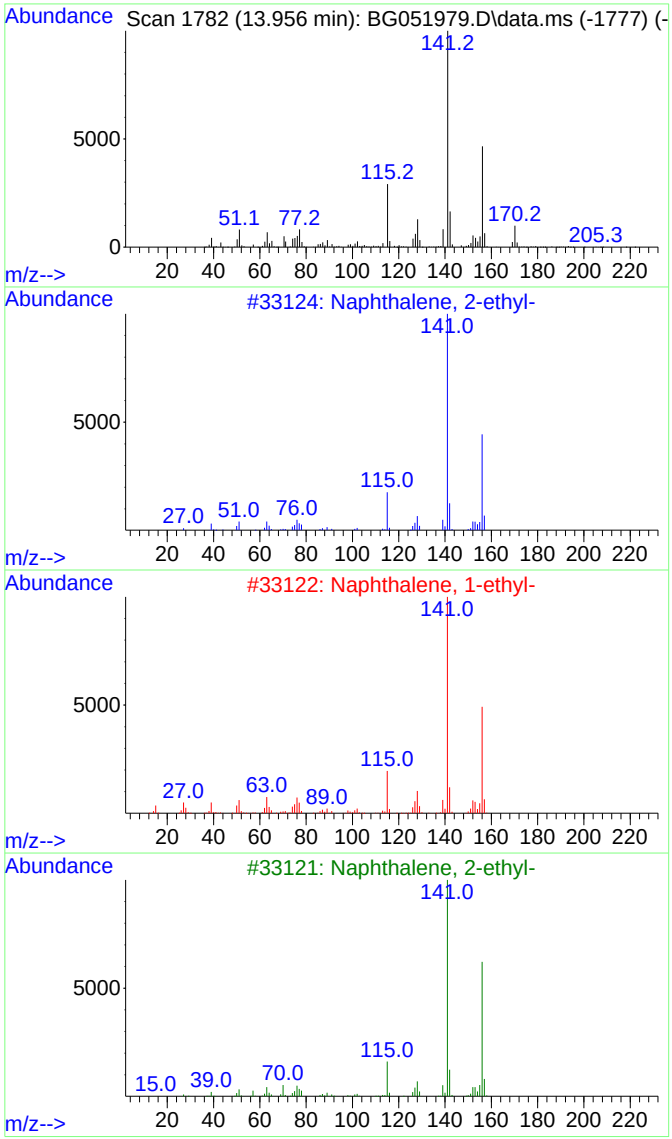
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

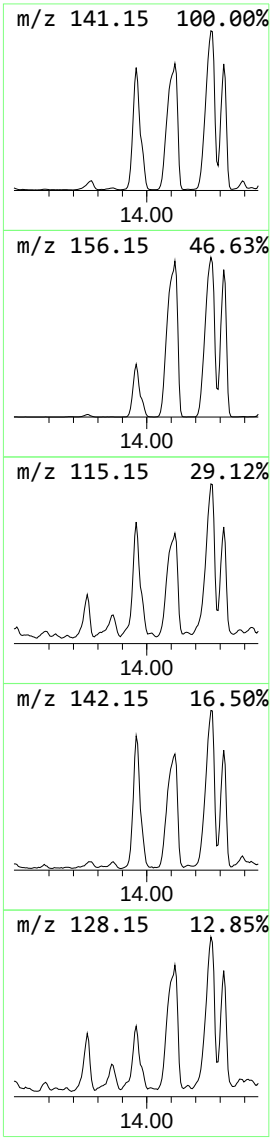
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 35 Naphthalene, 2-ethyl- Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.956 | 17.86 ng/ul | 6917160 | Acenaphthene-d10 | 14.914 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 94 |
| 2 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 94 |
| 3 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 93 |
| 4 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 91 |
| 5 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

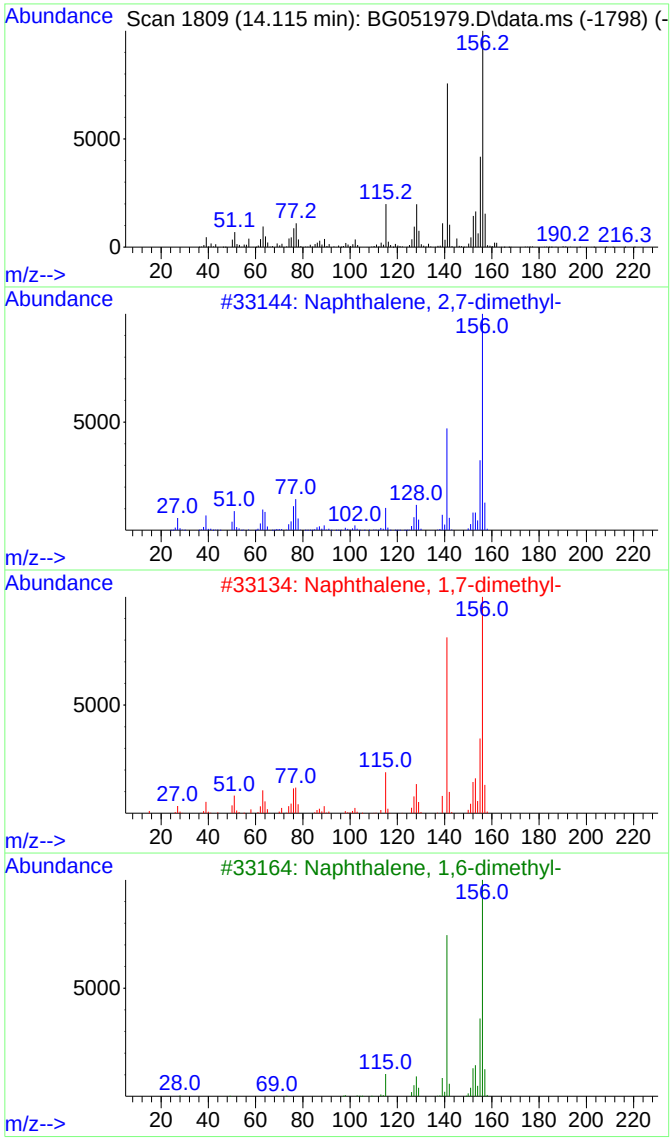
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

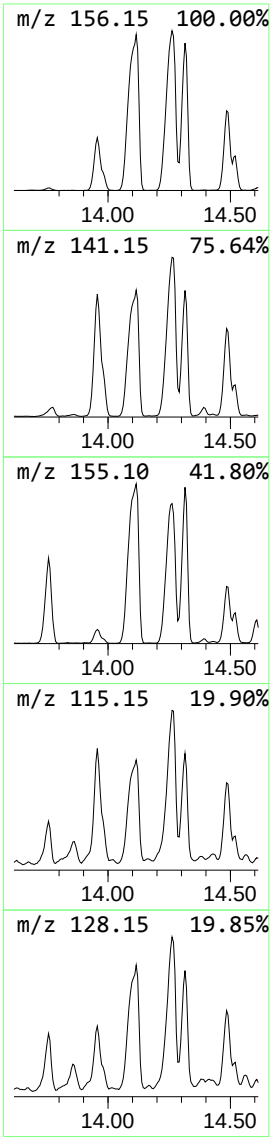
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 Naphthalene, 2,7-dimethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.115 | 43.01 ng/ul | 16653300 | Acenaphthene-d10 | 14.914 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |
| 2 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 95 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

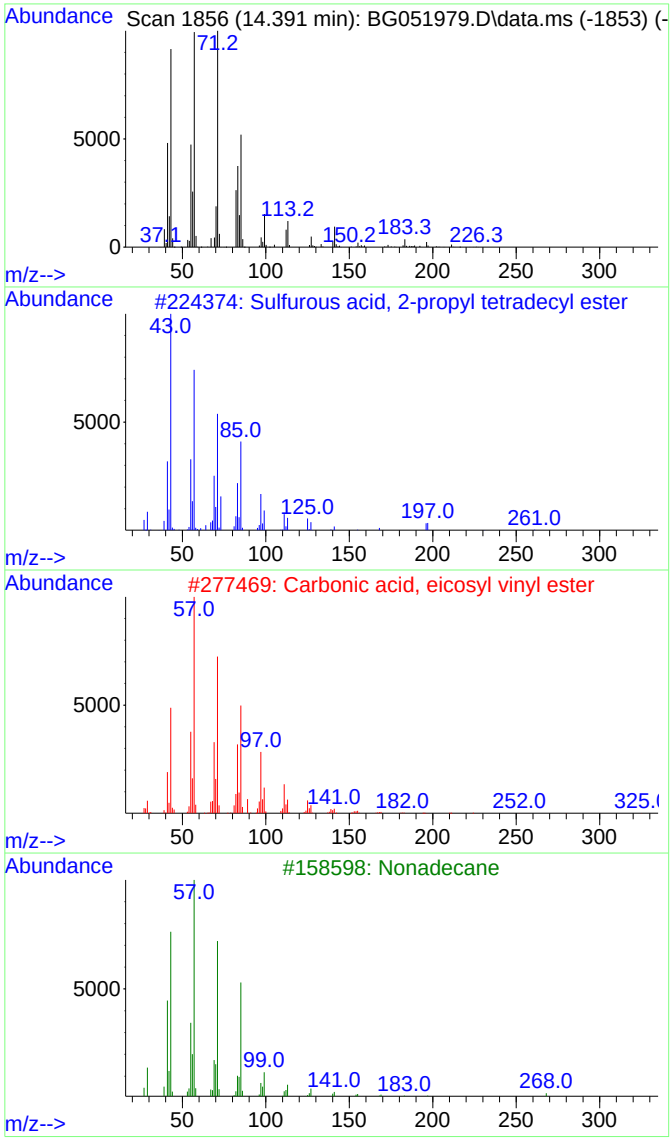
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

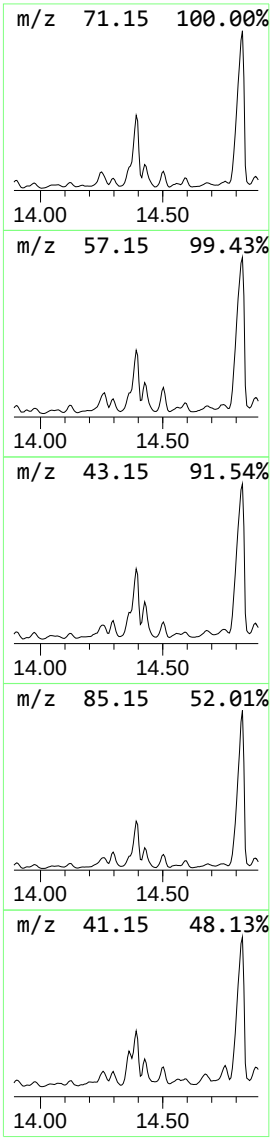
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 Sulfurous acid, 2-propyl te... Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.391 | 17.11 ng/ul | 6623490 | Acenaphthene-d10 | 14.914 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, 2-propyl tetrade... | 320 | C17H36O3S | 1010309-12-5 | 80 |
| 2 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 80 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 72 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 72 |
| 5 | Dodecane, 4-methyl- | 184 | C13H28 | 006117-97-1 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

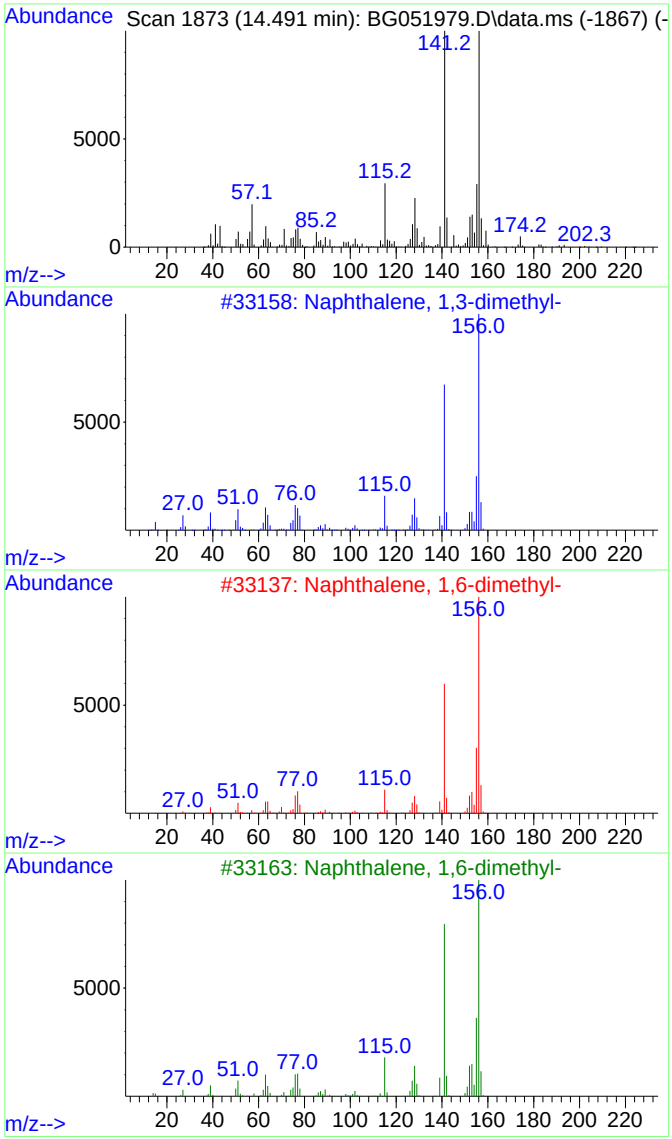
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

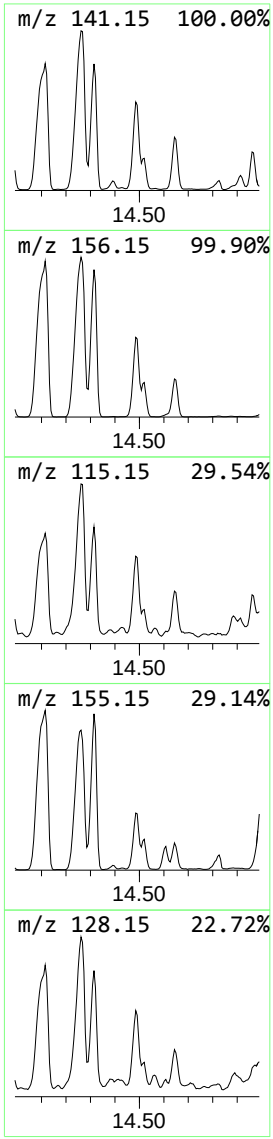
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 38 Naphthalene, 1,3-dimethyl- Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.491 | 19.83 ng/ul | 7678510 | Acenaphthene-d10 | 14.914 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 4 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 5 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

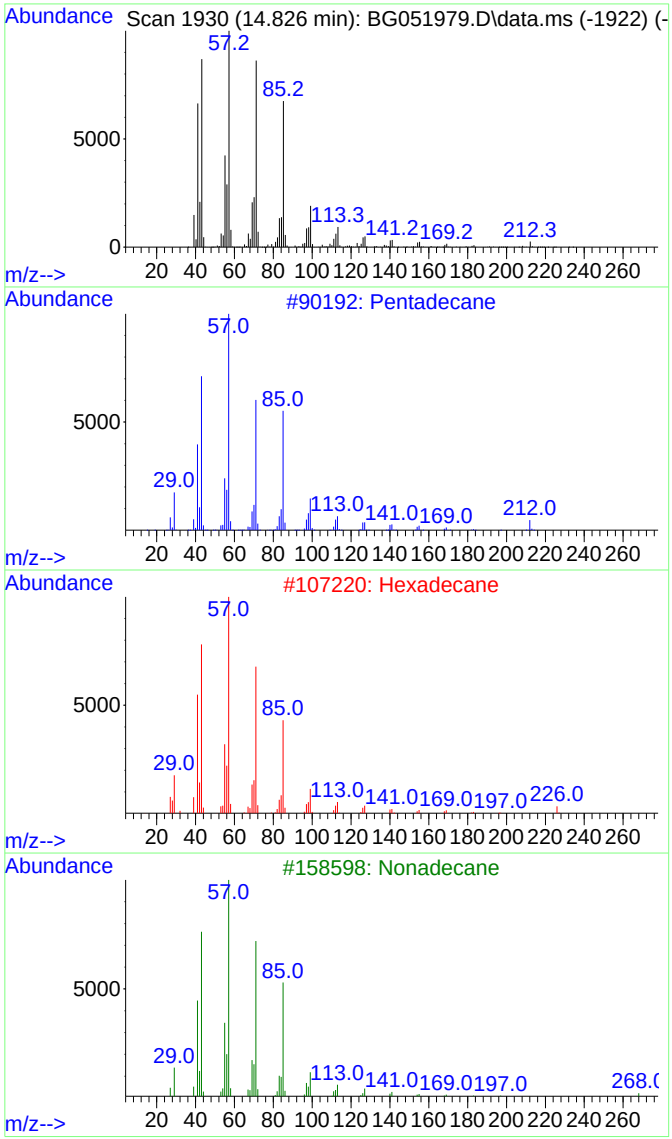
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

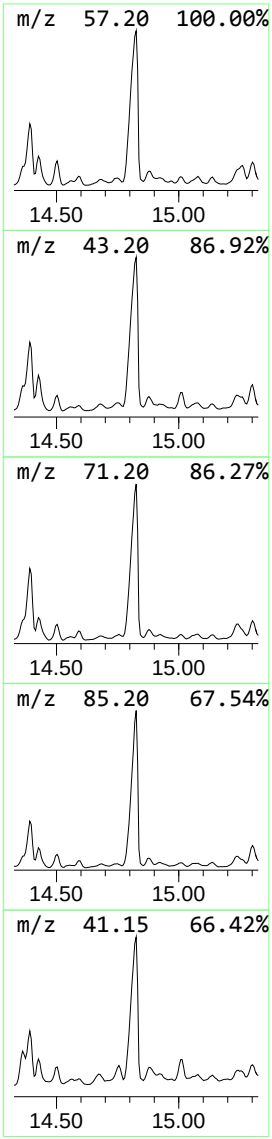
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.826 | 60.57 ng/ul | 23455200 | Acenaphthene-d10 | 14.914 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane | 212 | C15H32 | 000629-62-9 | 91 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 87 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 83 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

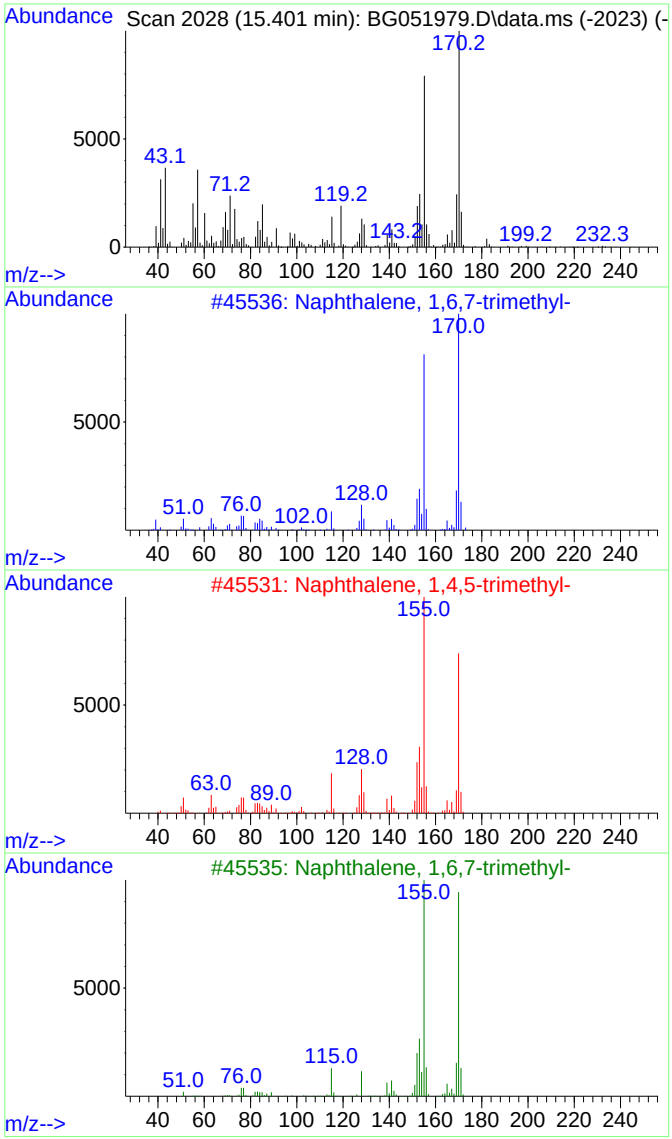
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

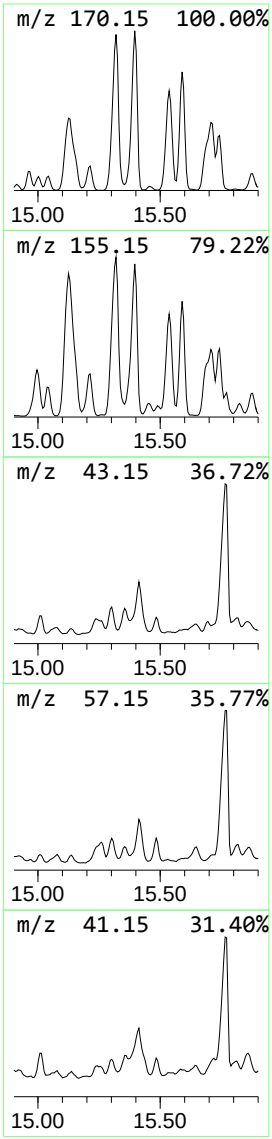
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.401 | 35.17 ng/ul | 13619300 | Acenaphthene-d10 | 14.914 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 97 |
| 2 | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14 | 002131-41-1 | 96 |
| 3 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 4 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 96 |
| 5 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

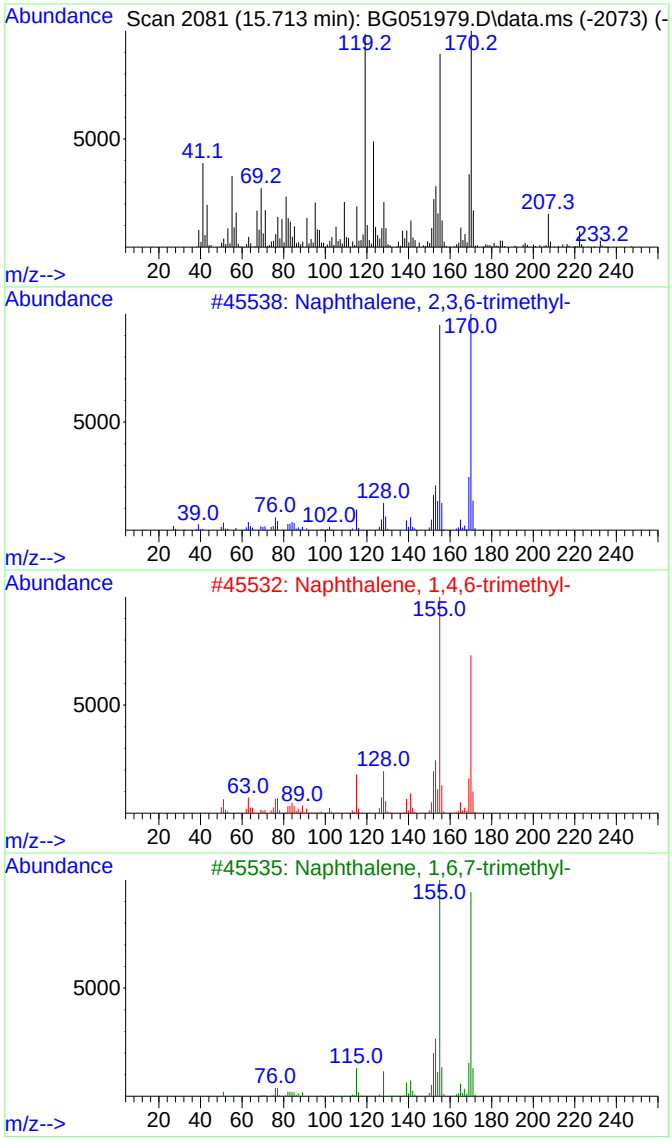
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

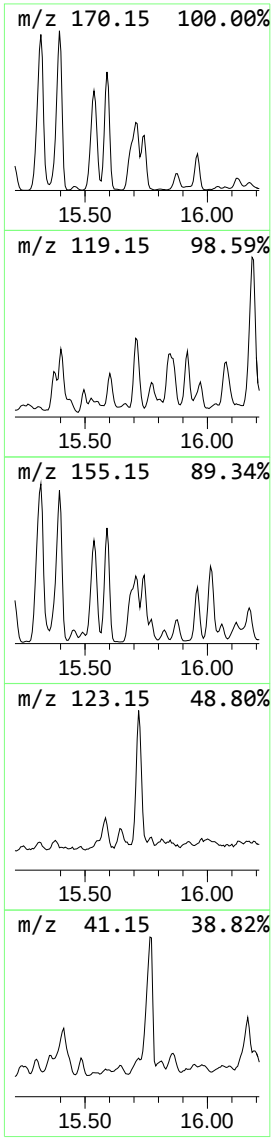
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 Naphthalene, 2,3,6-trimethyl- Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.713 | 16.14 ng/ul | 6250050 | Acenaphthene-d10 | 14.914 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 95 |
| 2 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 90 |
| 3 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 90 |
| 4 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 78 |
| 5 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

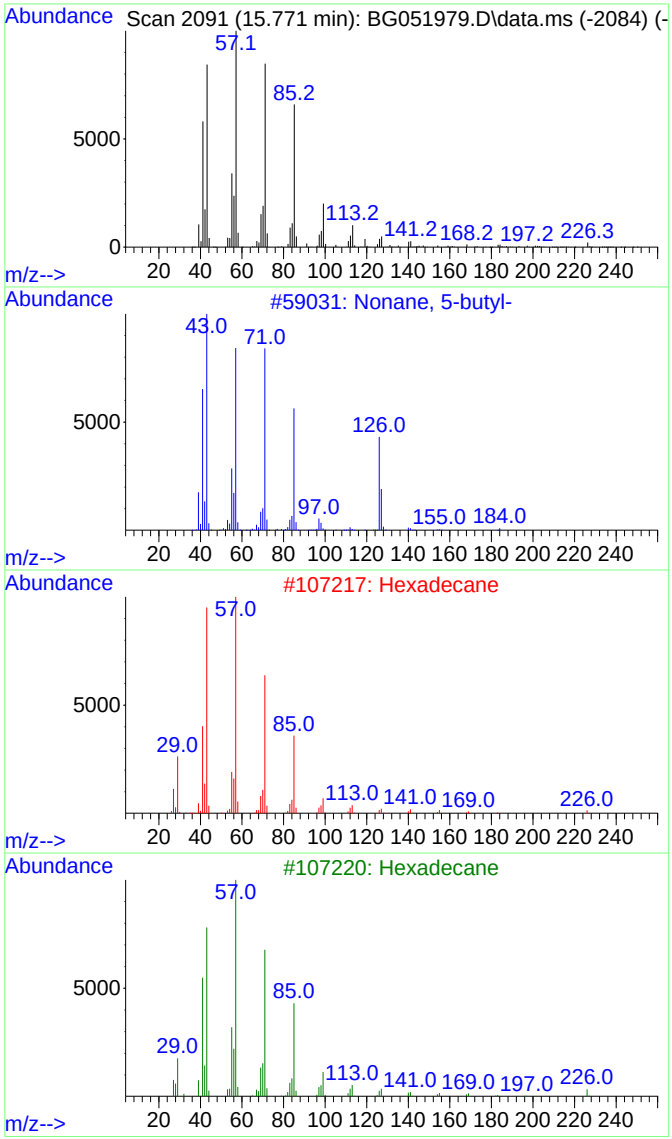
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

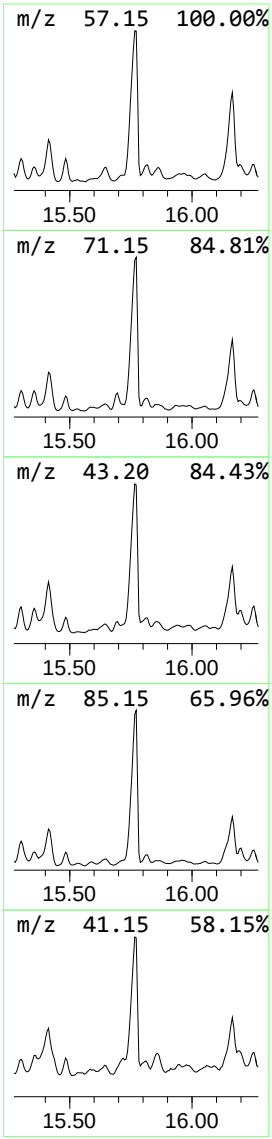
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.771 | 48.05 ng/ul | 18603500 | Acenaphthene-d10 | 14.914 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 5-butyl- | 184 | C13H28 | 017312-63-9 | 90 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 90 |
| 5 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

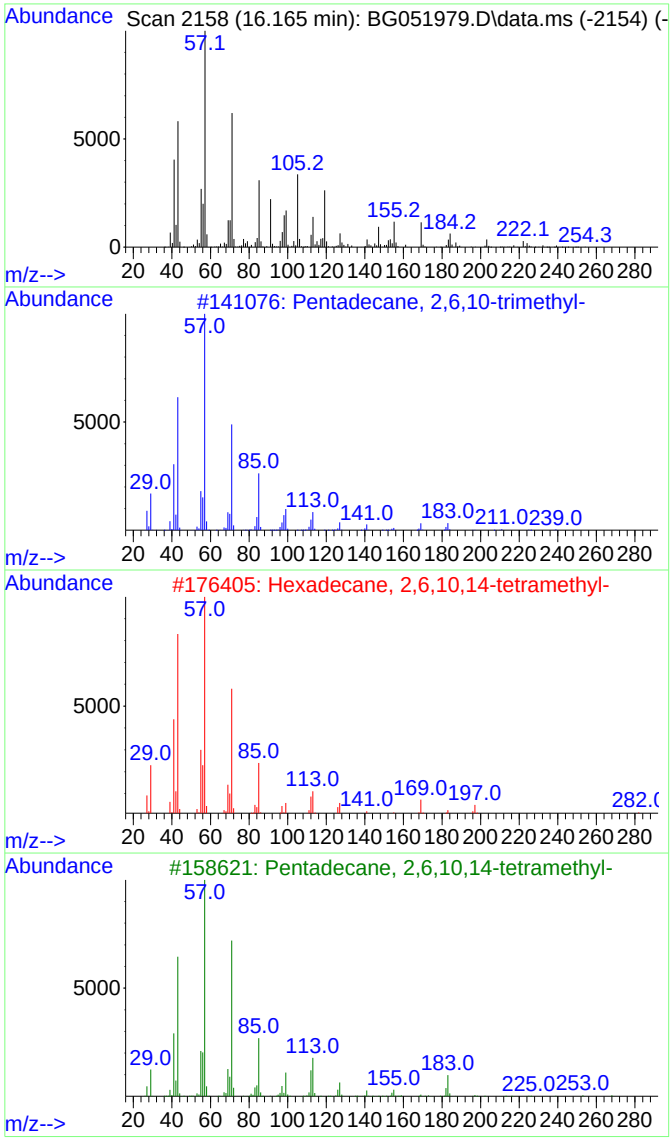
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

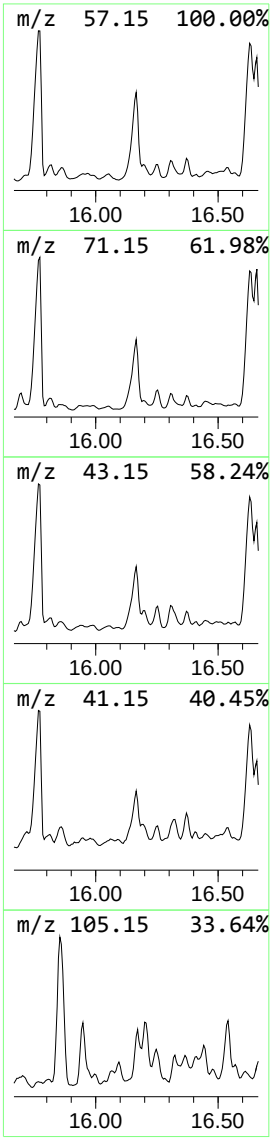
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.165 | 14.42 ng/ul | 5585130 | Acenaphthene-d10 | 14.914 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38 | 003892-00-0 | 70 |
| 2 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 46 |
| 3 | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40 | 001921-70-6 | 46 |
| 4 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 43 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

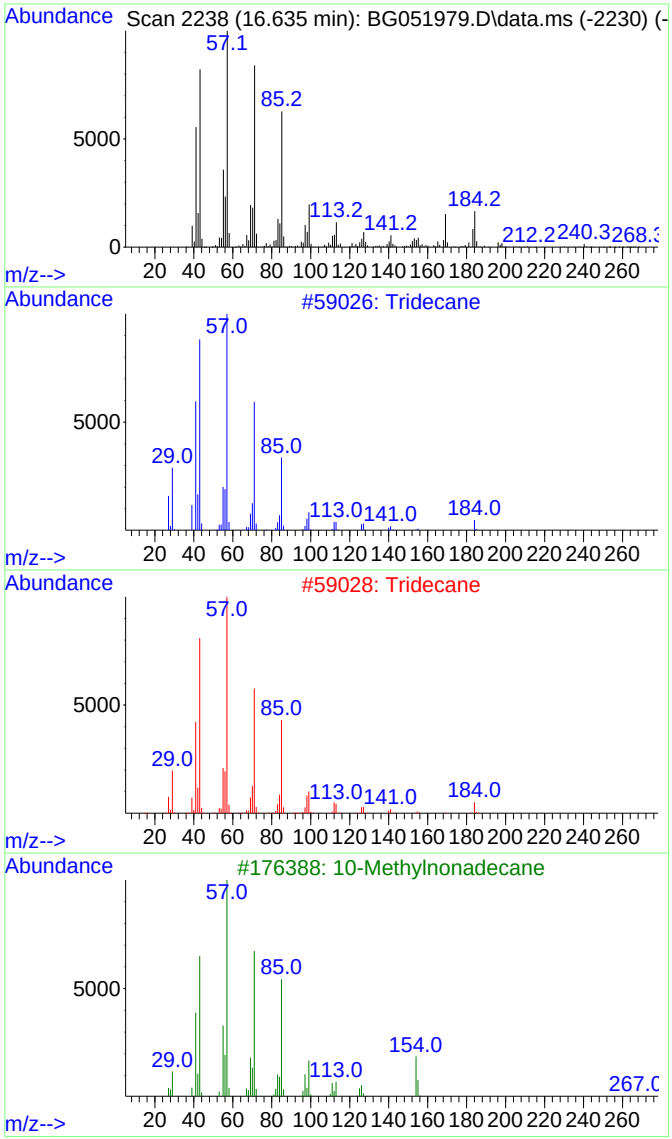
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

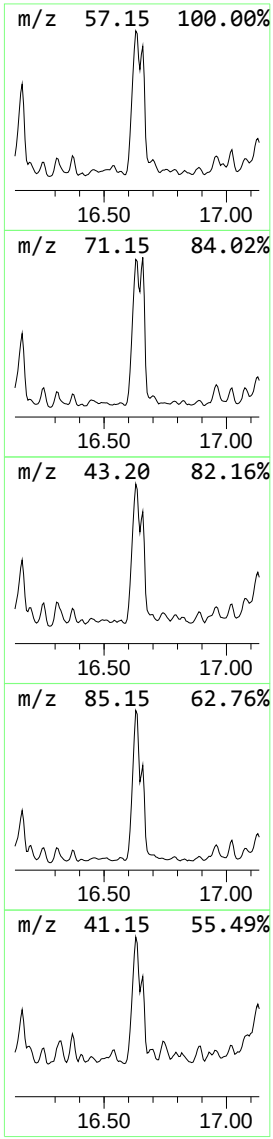
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.635 | 74.84 ng/ul | 21719800 | Phenanthrene-d10 | 17.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 93 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 93 |
| 3 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 90 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 5 | Pentacosane | 352 | C25H52 | 000629-99-2 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

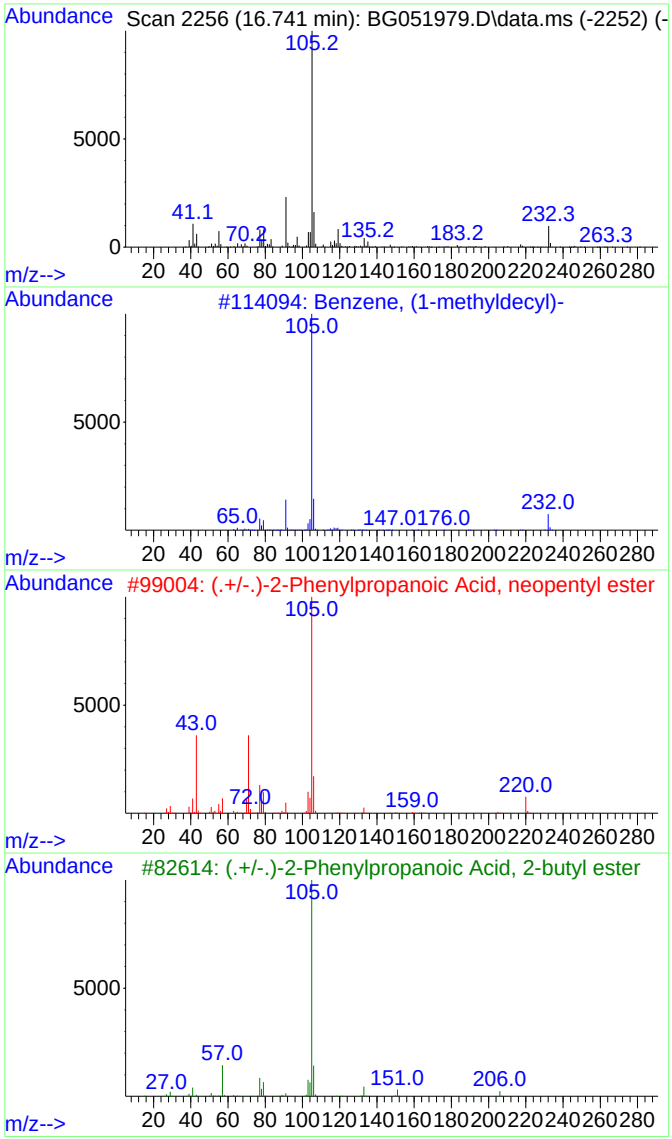
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

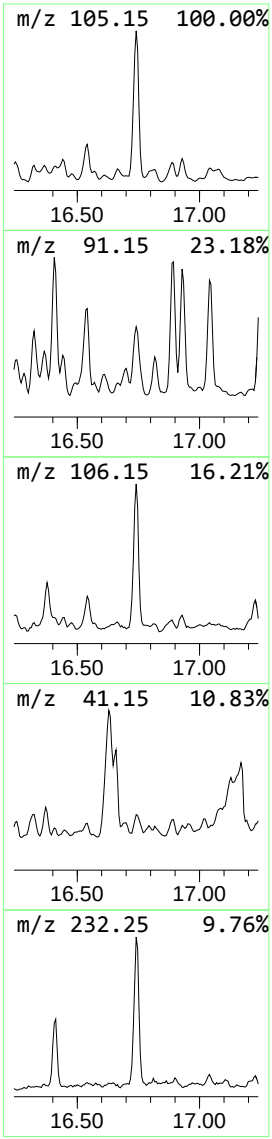
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 45 Benzene, (1-methyldecyl)- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.741 | 18.98 ng/ul | 5508590 | Phenanthrene-d10 | 17.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methyldecyl)- | 232 | C17H28 | 004536-88-3 | 76 |
| 2 | (.+/-.)-2-Phenylpropanoic Acid, ... | 220 | C14H20O2 | 1000453-22-3 | 50 |
| 3 | (.+/-.)-2-Phenylpropanoic Acid, ... | 206 | C13H18O2 | 1000453-22-7 | 50 |
| 4 | 2-Methylbenzylamine, N,N-dibutyl- | 233 | C16H27N | 1000310-39-6 | 47 |
| 5 | Hydratropic acid, isopropyl ester | 192 | C12H16O2 | 1000415-05-9 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

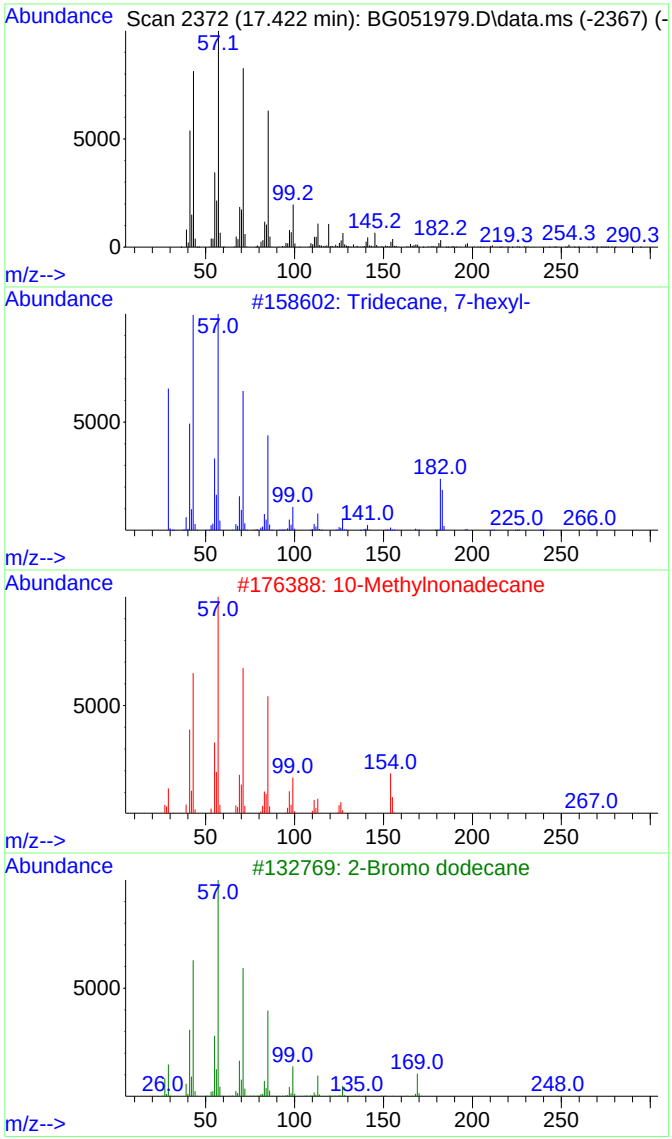
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

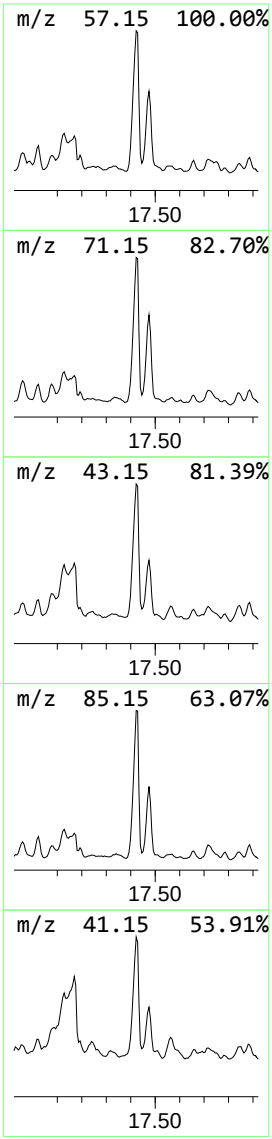
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.422 | 41.36 ng/ul | 12004200 | Phenanthrene-d10 | 17.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 7-hexyl- | 268 | C19H40 | 007225-66-3 | 93 |
| 2 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 87 |
| 3 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 87 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 87 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

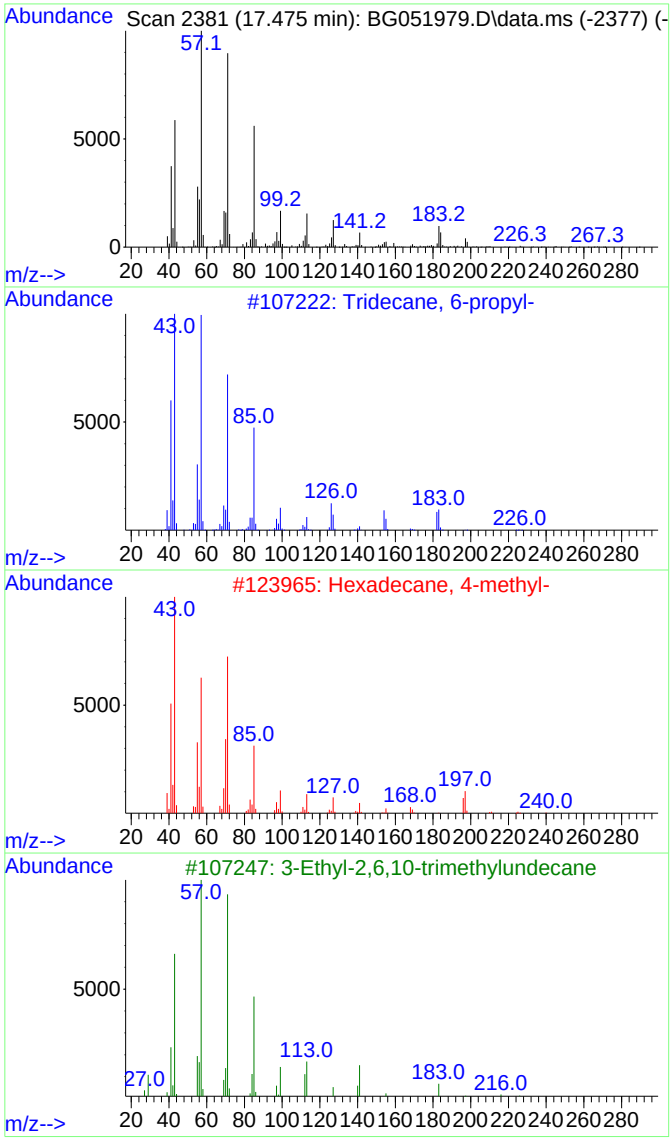
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

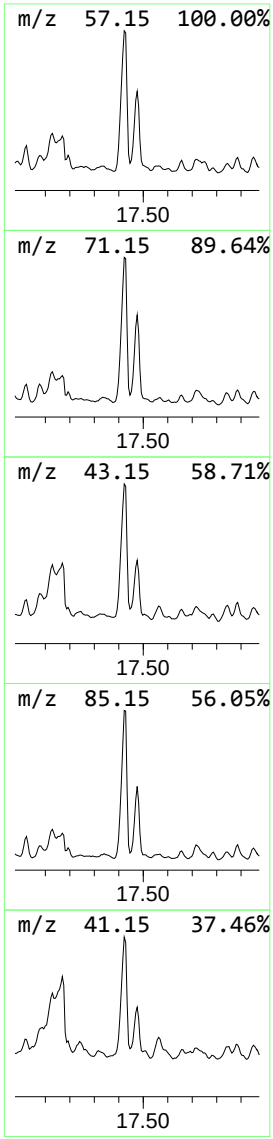
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.475 | 15.97 ng/ul | 4635810 | Phenanthrene-d10 | 17.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 87 |
| 2 | Hexadecane, 4-methyl- | 240 | C17H36 | 025117-26-4 | 86 |
| 3 | 3-Ethyl-2,6,10-trimethylundecane | 226 | C16H34 | 1000432-25-9 | 86 |
| 4 | 2-Bromotetradecane | 276 | C14H29Br | 074036-95-6 | 86 |
| 5 | Decane, 3,7-dimethyl- | 170 | C12H26 | 017312-54-8 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

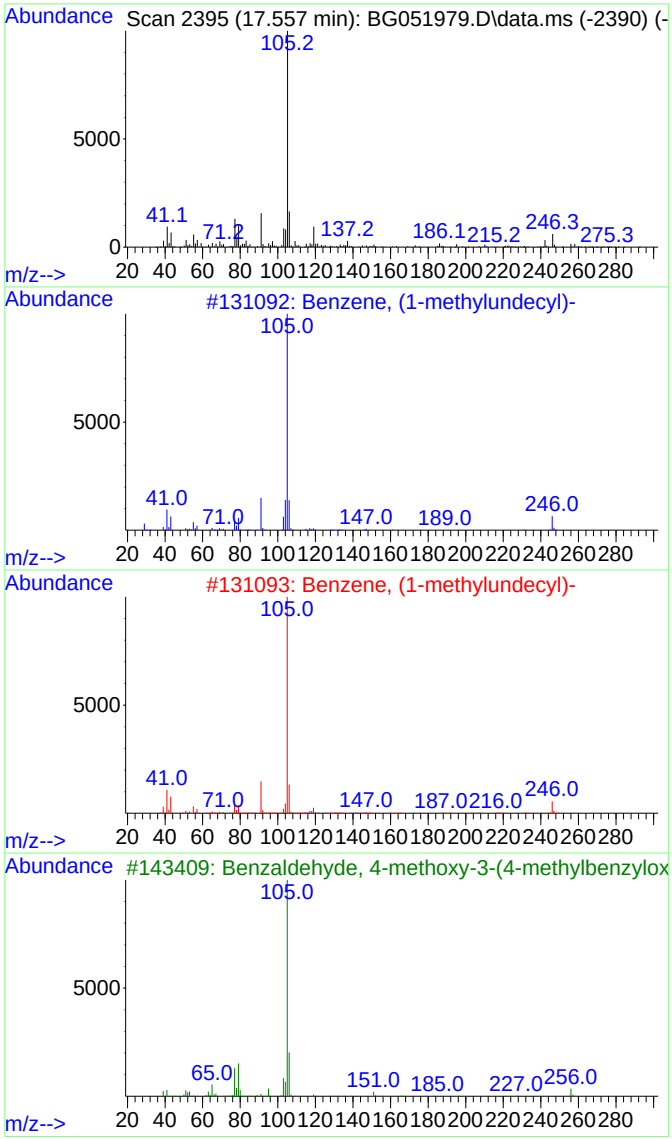
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

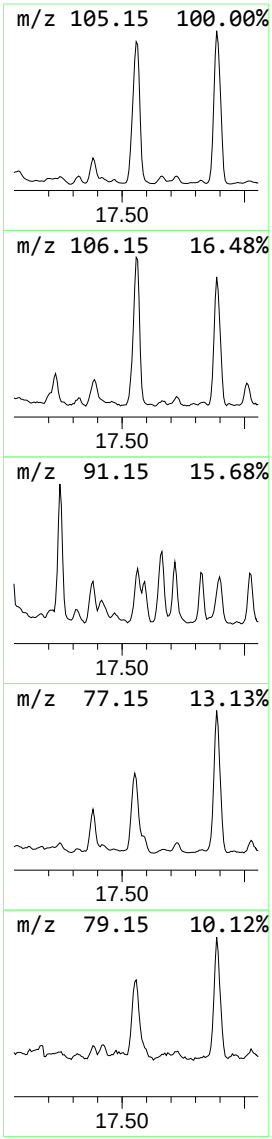
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 48 Benzene, (1-methylundecyl)- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.557 | 34.59 ng/ul | 10037600 | Phenanthrene-d10 | 17.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylundecyl)- | 246 | C18H30 | 002719-61-1 | 83 |
| 2 | Benzene, (1-methylundecyl)- | 246 | C18H30 | 002719-61-1 | 70 |
| 3 | Benzaldehyde, 4-methoxy-3-(4-met... | 256 | C16H16O3 | 351066-34-7 | 53 |
| 4 | Ethane, 1-(9-borabicyclo[3.3.1]n... | 242 | C16H23BO | 1000161-01-0 | 53 |
| 5 | Benmoxin | 240 | C15H16N2O | 007654-03-7 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

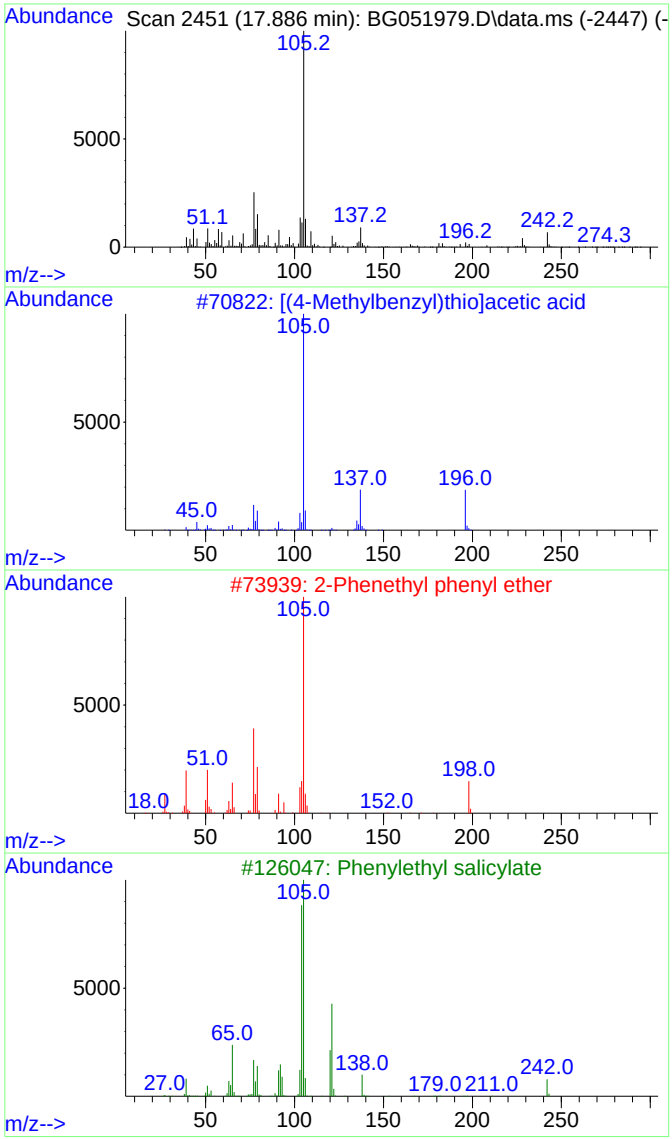
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

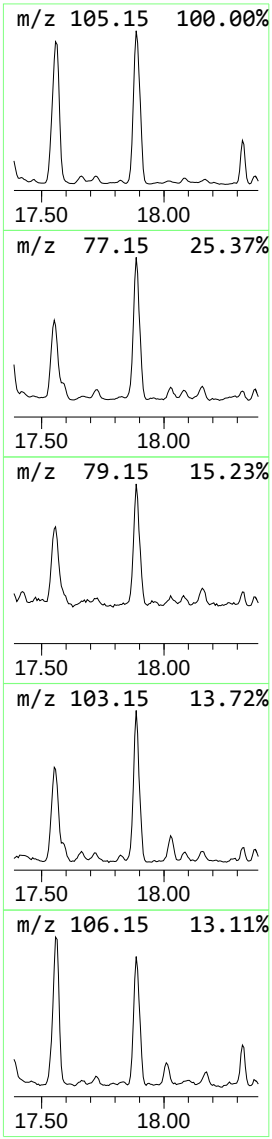
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 49 [(4-Methylbenzyl)thio]aceti... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.886 | 33.40 ng/ul | 9694320 | Phenanthrene-d10 | 17.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | [(4-Methylbenzyl)thio]acetic acid | 196 | C10H12O2S | 058511-20-9 | 81 |
| 2 | 2-Phenethyl phenyl ether | 198 | C14H14O | 040515-89-7 | 76 |
| 3 | Phenylethyl salicylate | 242 | C15H14O3 | 000087-22-9 | 52 |
| 4 | Ethanone, 1,2-diphenyl- | 196 | C14H12O | 000451-40-1 | 49 |
| 5 | S-Benzyl benzenecarbothioate | 228 | C14H12OS | 013402-51-2 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

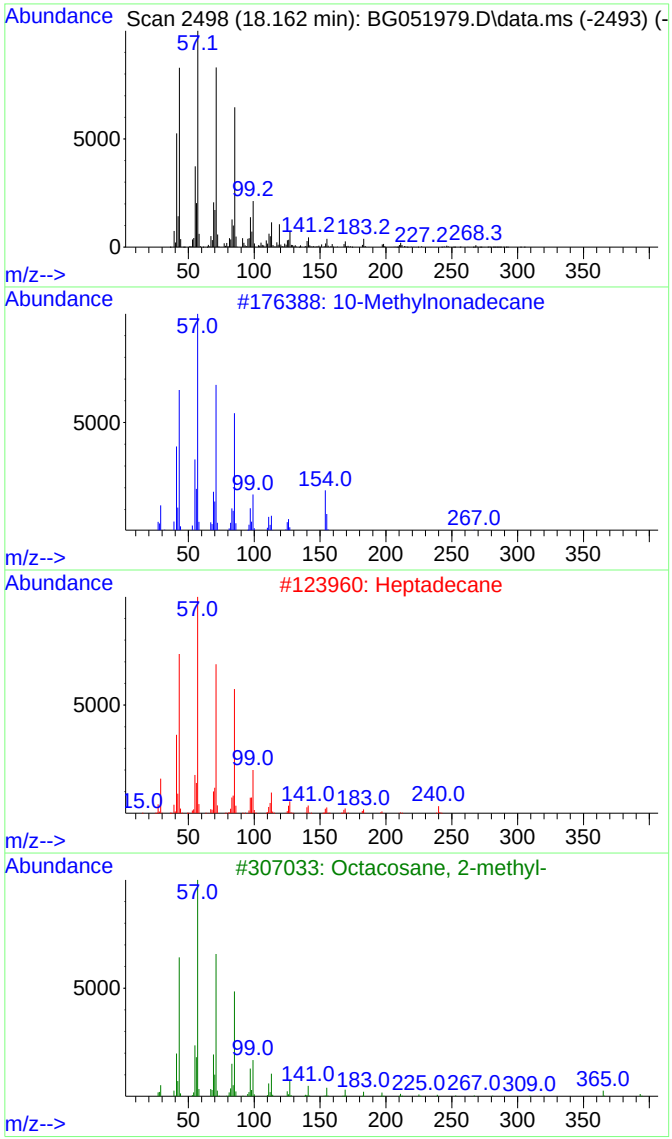
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

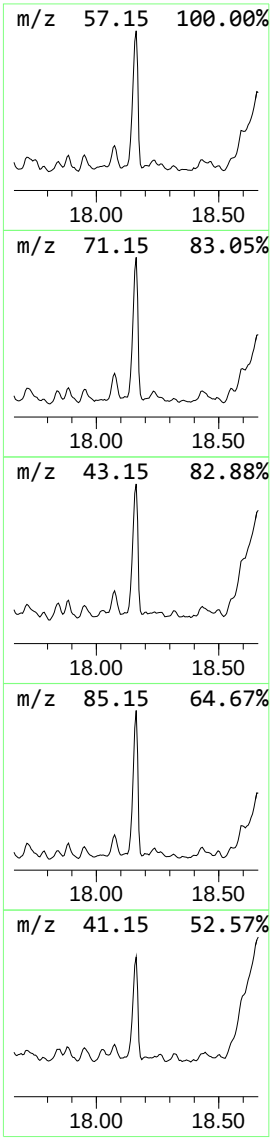
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.162 | 44.91 ng/ul | 13033500 | Phenanthrene-d10 | 17.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 91 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 3 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 91 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

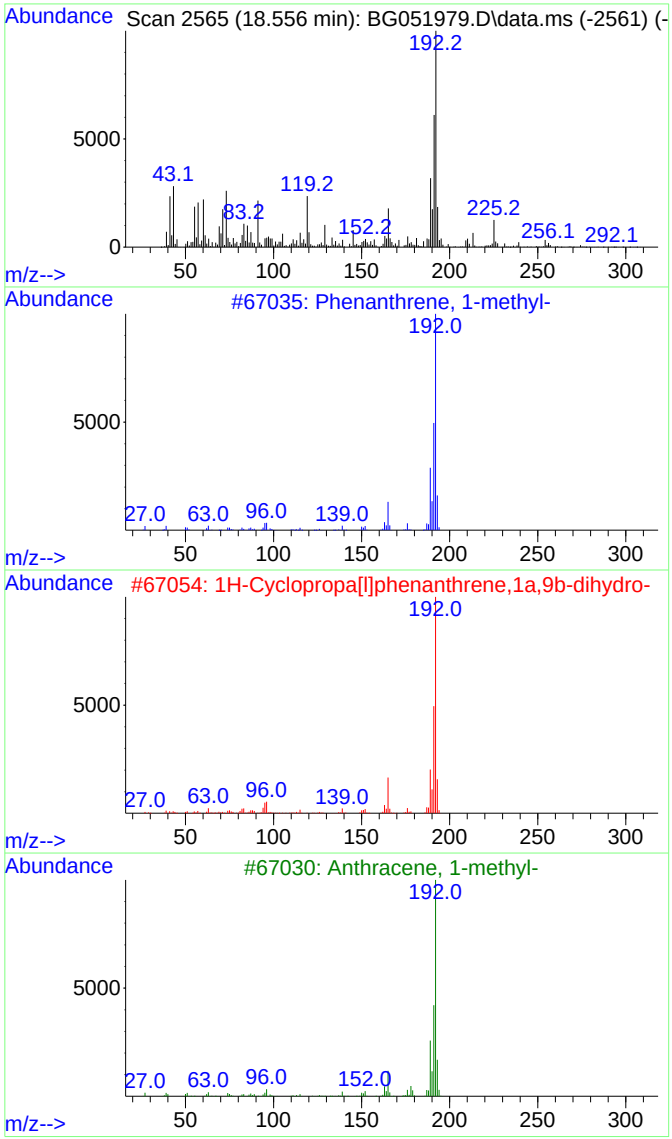
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

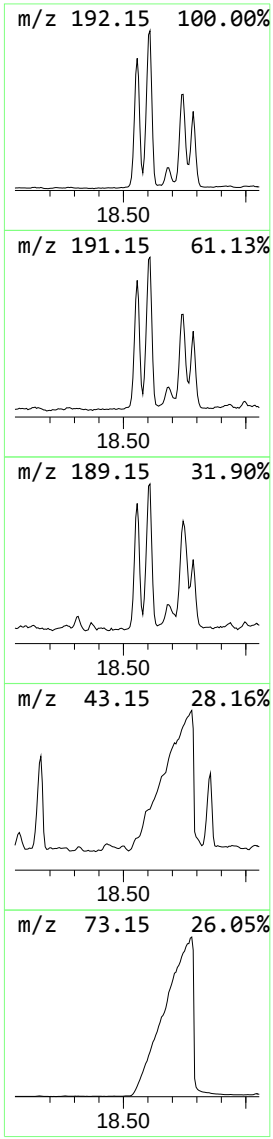
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 51 Phenanthrene, 1-methyl- Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.556 | 17.00 ng/ul | 4933210 | Phenanthrene-d10 | 17.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 2 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 90 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 90 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 89 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

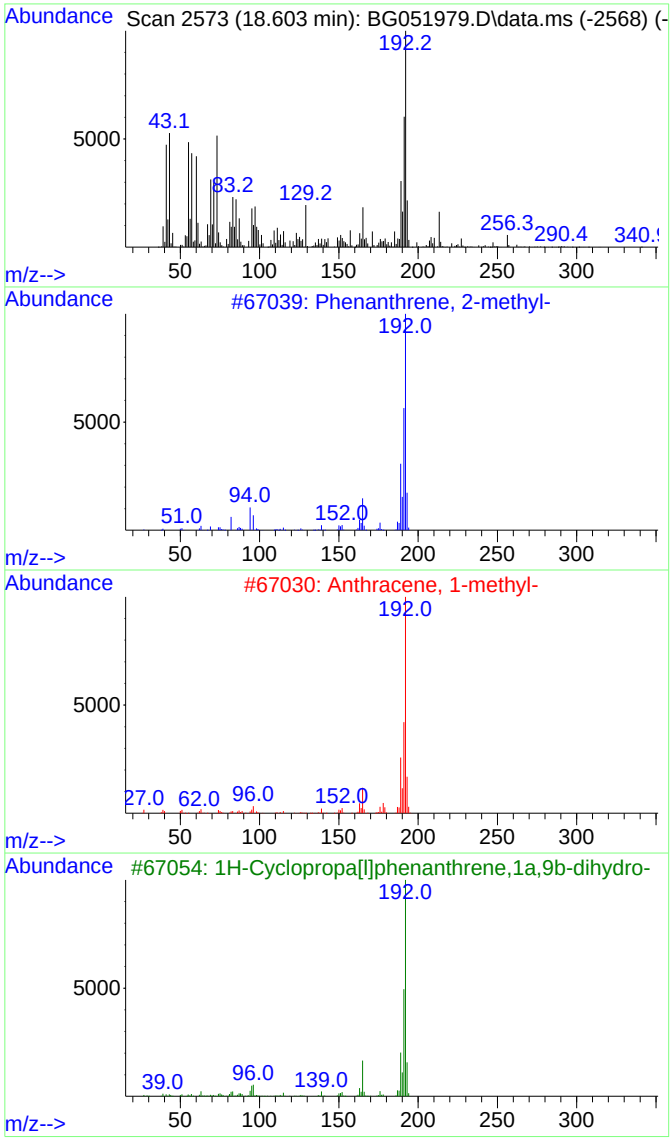
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

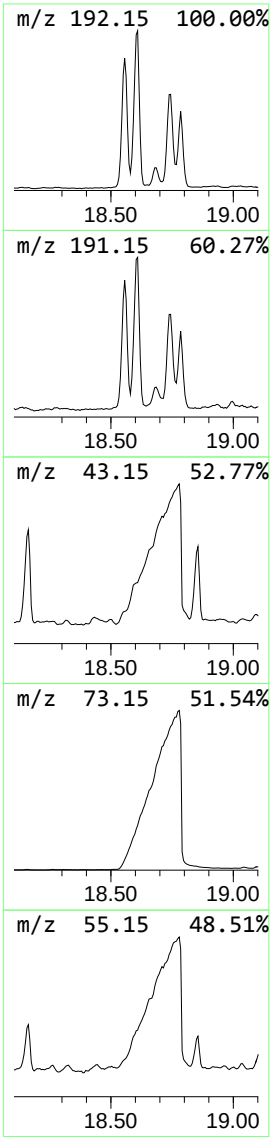
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 52 Phenanthrene, 2-methyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.603 | 40.17 ng/ul | 11657800 | Phenanthrene-d10 | 17.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 2 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 95 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 90 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 90 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

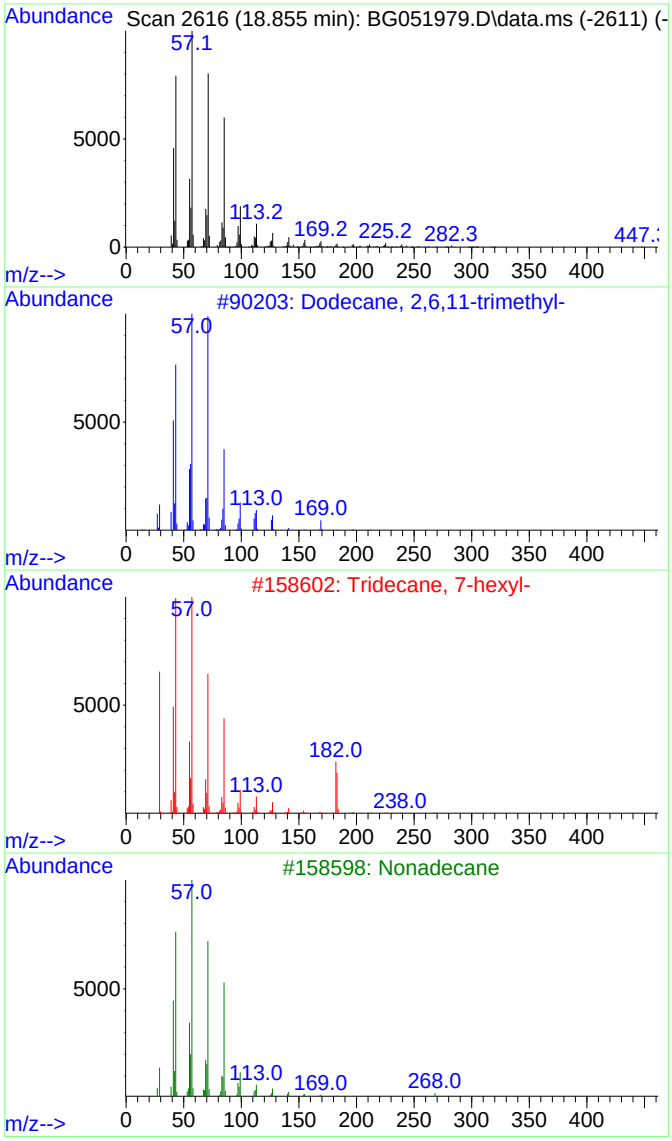
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

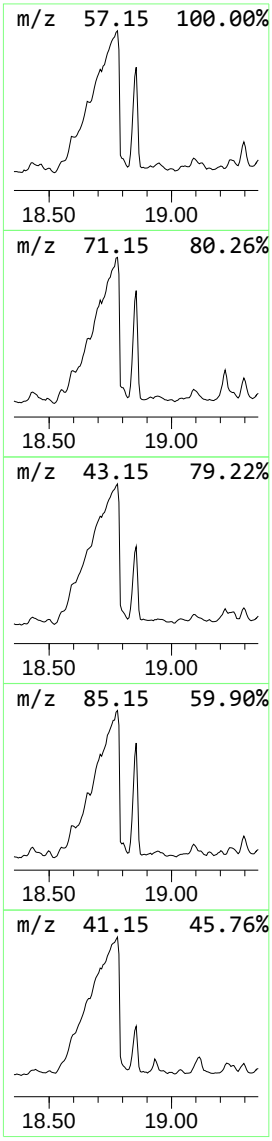
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.855 | 27.89 ng/ul | 8093830 | Phenanthrene-d10 | 17.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 94 |
| 2 | Tridecane, 7-hexyl- | 268 | C19H40 | 007225-66-3 | 94 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

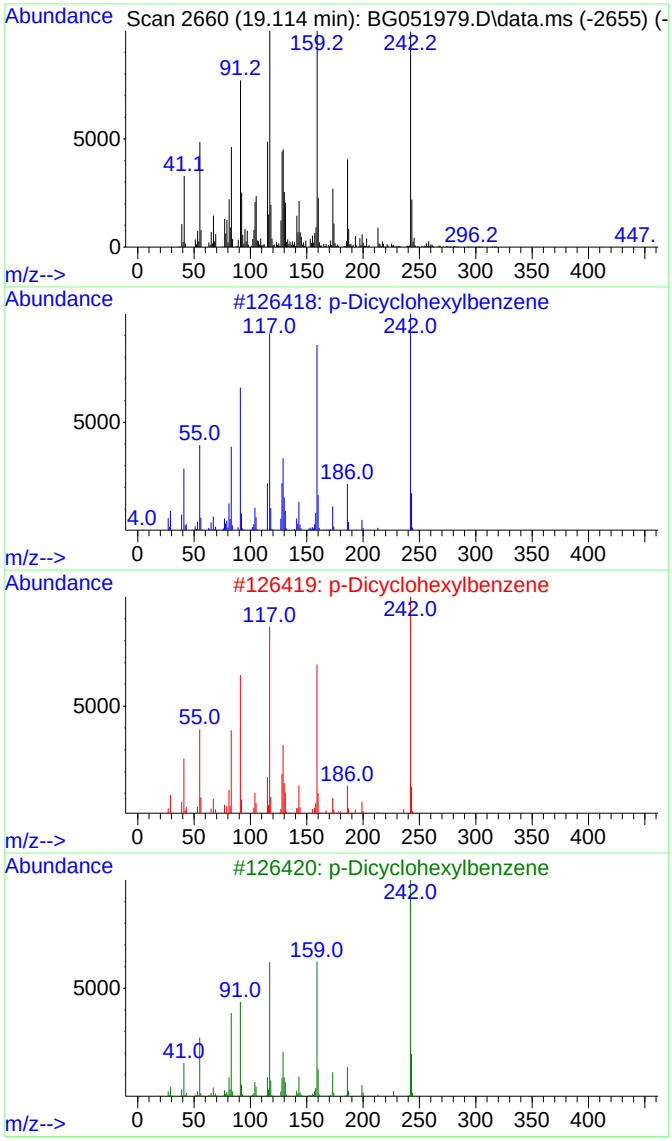
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

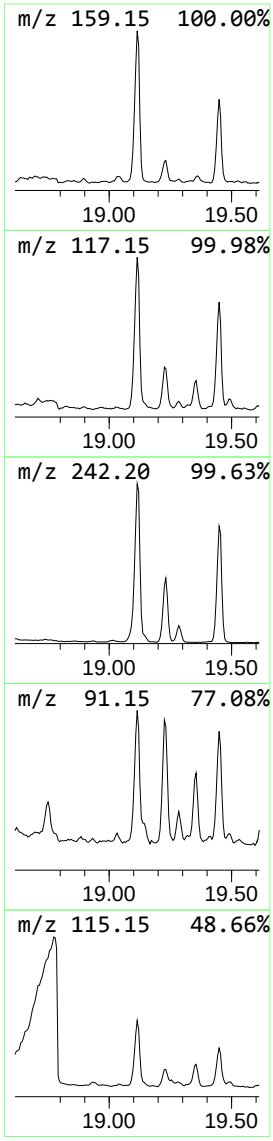
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 54 p-Dicyclohexylbenzene Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.114 | 32.81 ng/ul | 9520460 | Phenanthrene-d10 | 17.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Dicyclohexylbenzene | 242 | C18H26 | 001087-02-1 | 95 |
| 2 | p-Dicyclohexylbenzene | 242 | C18H26 | 001087-02-1 | 90 |
| 3 | p-Dicyclohexylbenzene | 242 | C18H26 | 001087-02-1 | 87 |
| 4 | Bicyclohexyl, 4-phenyl- | 242 | C18H26 | 020273-27-2 | 70 |
| 5 | 1H-Indene, 2,3-dihydro-1,1,4,7-t... | 174 | C13H18 | 001078-04-2 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

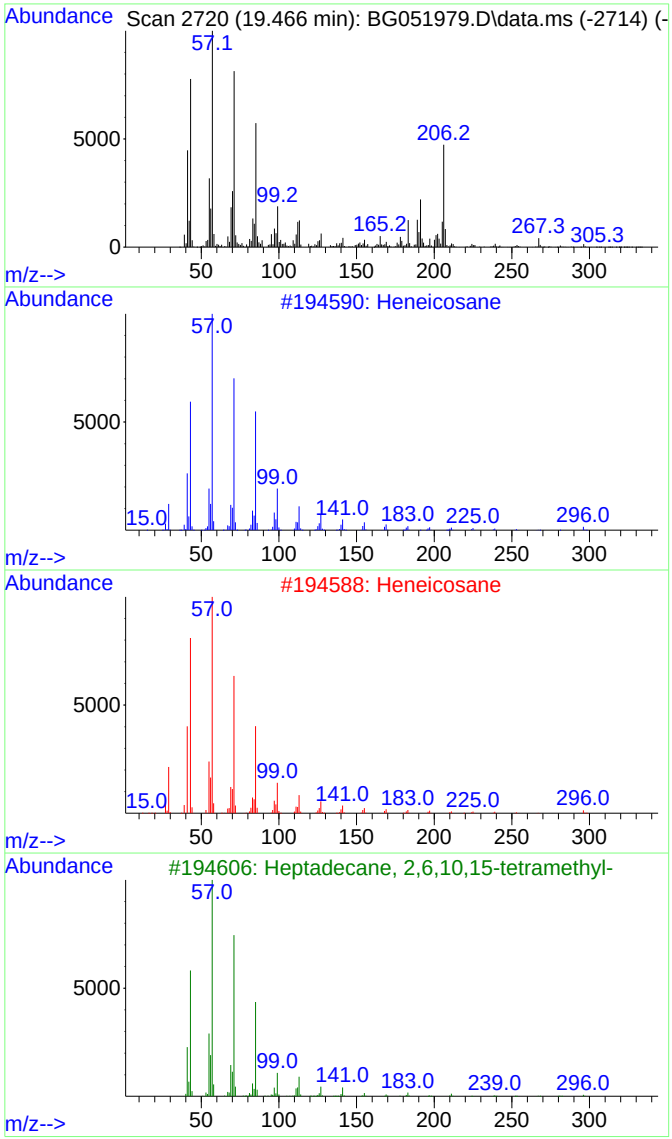
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

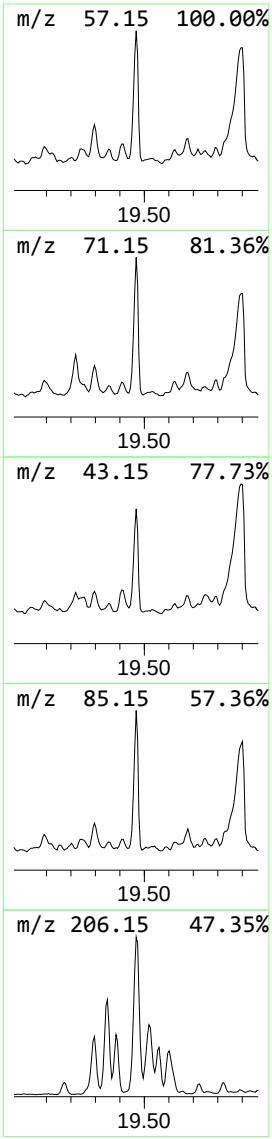
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.466 | 48.48 ng/ul | 14068900 | Phenanthrene-d10 | 17.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 95 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 95 |
| 3 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 90 |
| 4 | 2,6,10-Trimethyltridecane | 226 | C16H34 | 003891-99-4 | 64 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

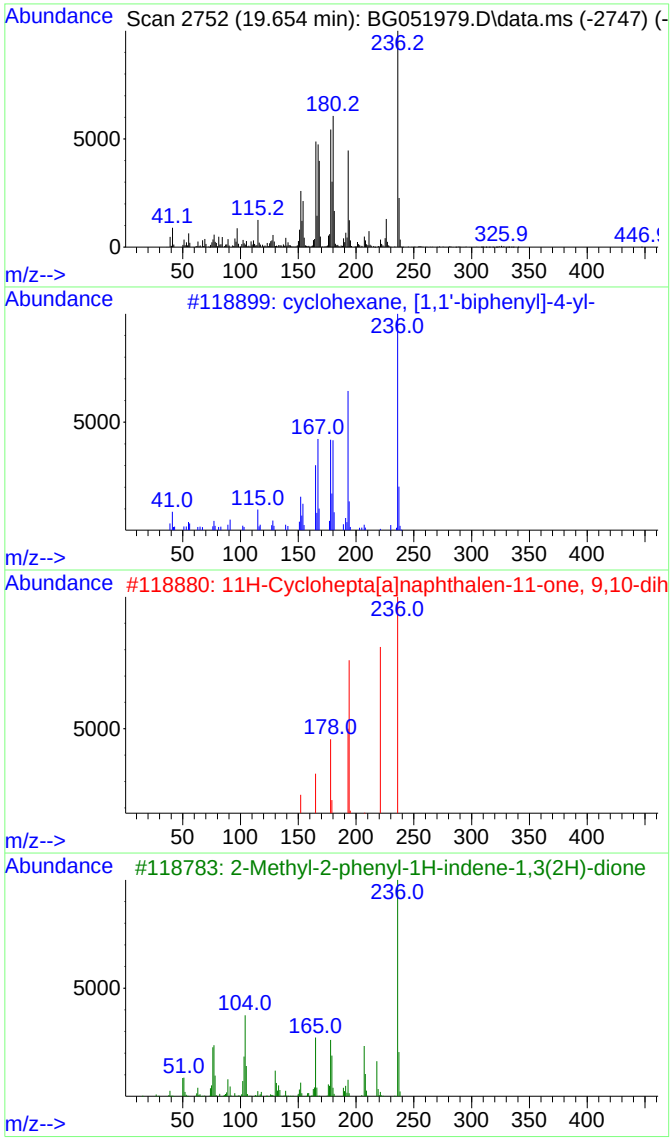
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

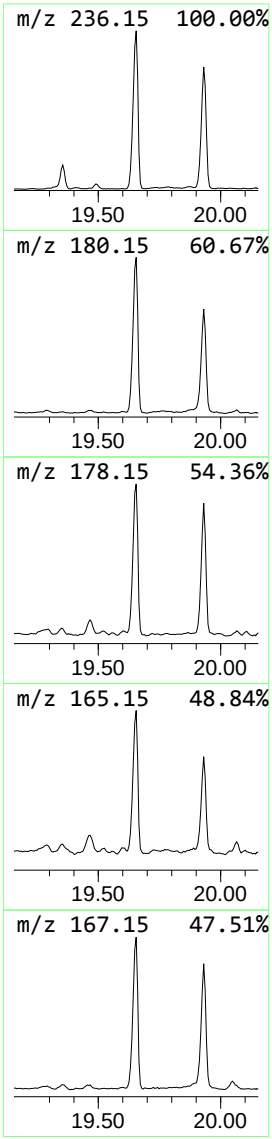
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 56 cyclohexane, [1,1'-biphenyl... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.654 | 37.42 ng/ul | 10859600 | Phenanthrene-d10 | 17.675 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cyclohexane, [1,1'-biphenyl]-4-yl- | 236 | C18H20 | 1000401-12-4 | 95 |
| 2 | 11H-Cyclohepta[a]naphthalen-11-o... | 236 | C17H16O | 058111-76-5 | 43 |
| 3 | 2-Methyl-2-phenyl-1H-indene-1,3(... | 236 | C16H12O2 | 1010332-18-2 | 38 |
| 4 | 9,10-Anthracenedione, 2,3-dimethyl- | 236 | C16H12O2 | 006531-35-7 | 32 |
| 5 | 3-(4-Methylbenzylidene)-2-benzof... | 236 | C16H12O2 | 1000332-19-8 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

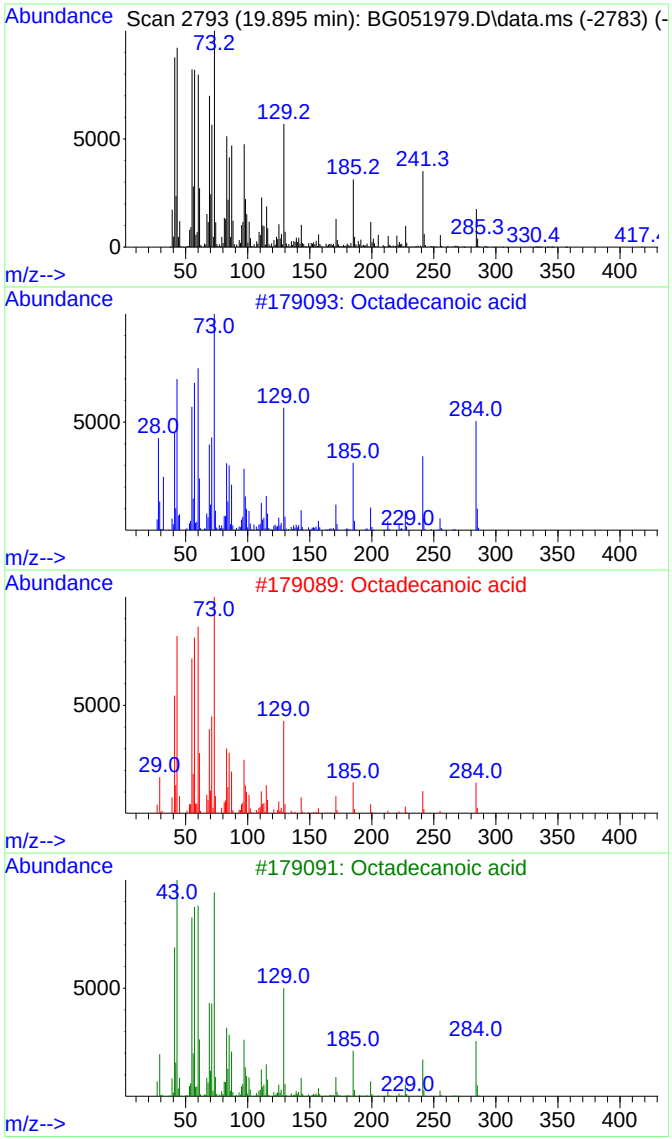
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

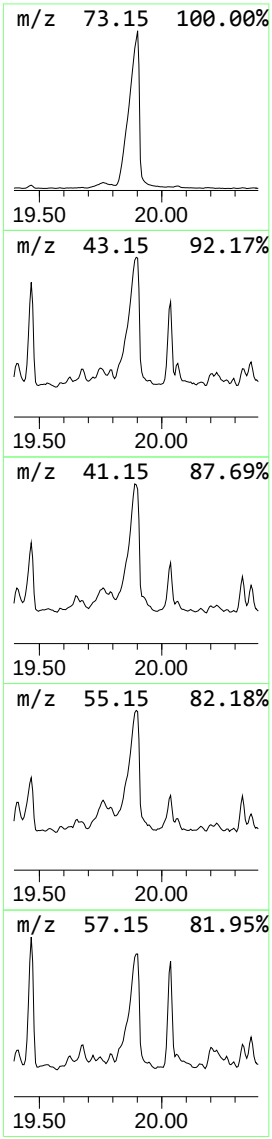
**********

Peak Number 57 Octadecanoic acid Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.895 | 61.71 ng/ul | 34157800 | Chrysene-d12 | 22.034 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 97 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 83 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

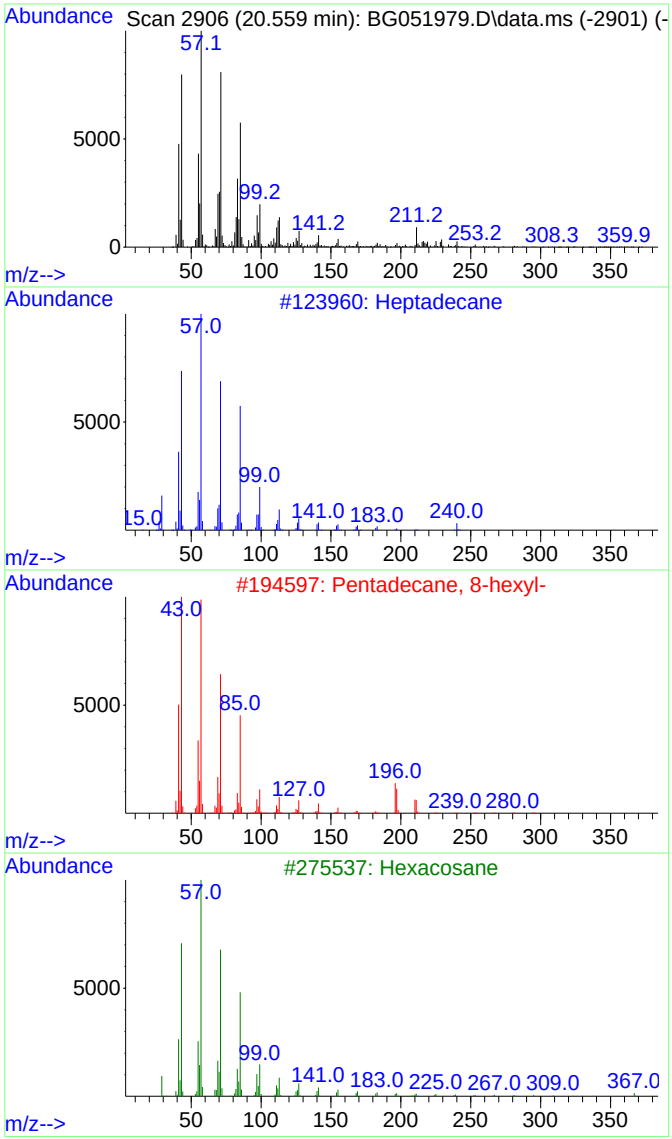
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

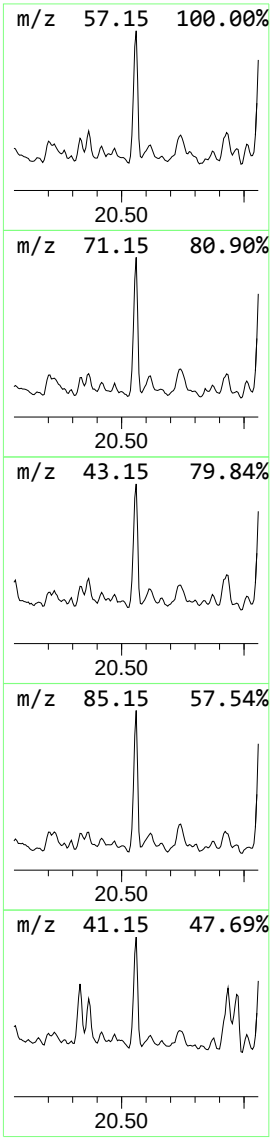
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.559 | 16.64 ng/ul | 9210270 | Chrysene-d12 | 22.034 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 95 |
| 2 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 90 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 4 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 83 |
| 5 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

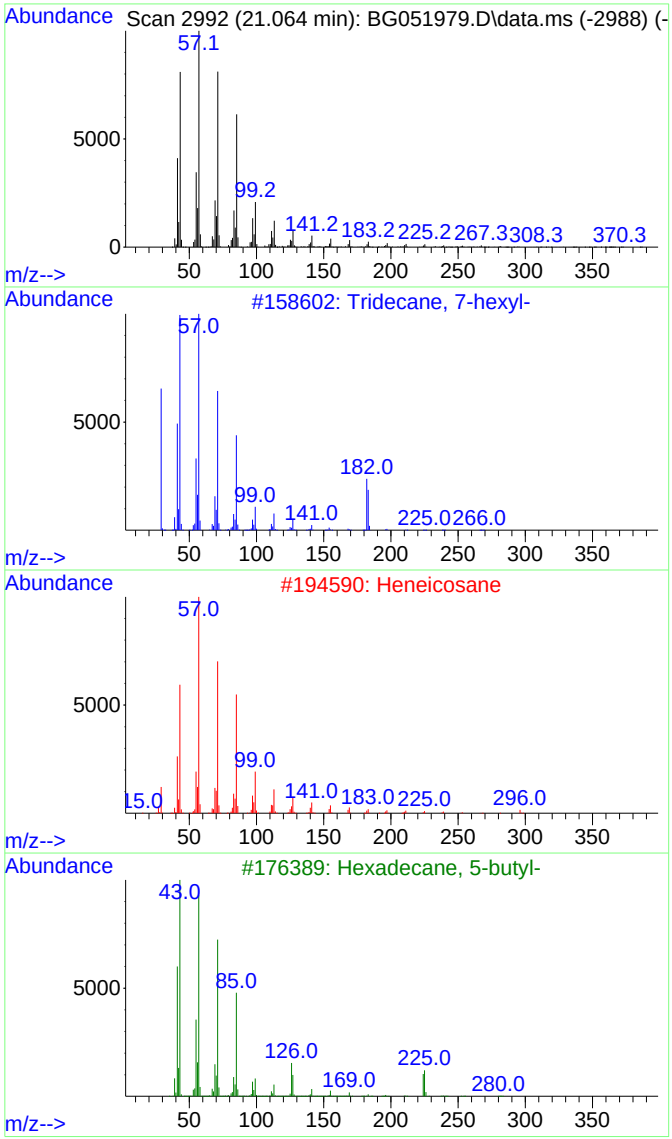
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

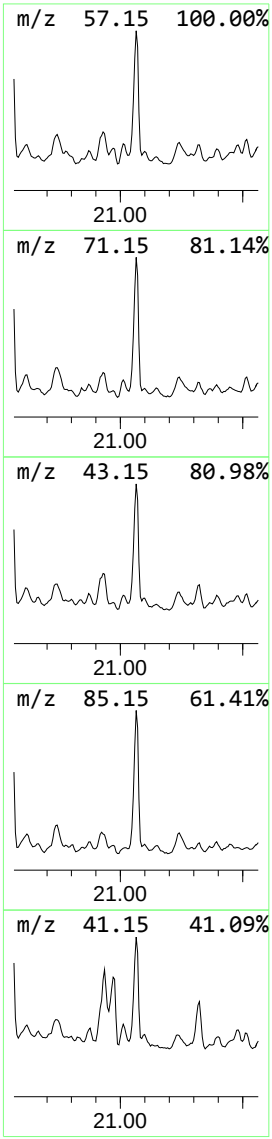
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 50

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.064 | 12.27 ng/ul | 6793540 | Chrysene-d12 | 22.034 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 7-hexyl- | 268 | C19H40 | 007225-66-3 | 93 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 3 | Hexadecane, 5-butyl- | 282 | C20H42 | 006912-07-8 | 91 |
| 4 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 91 |
| 5 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

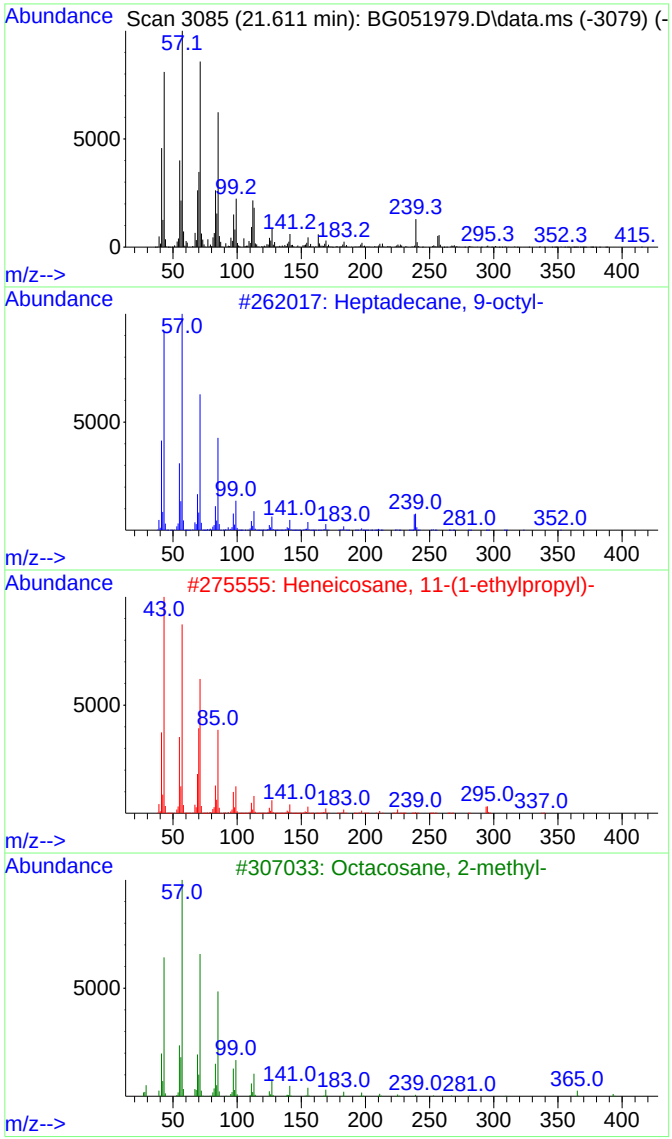
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

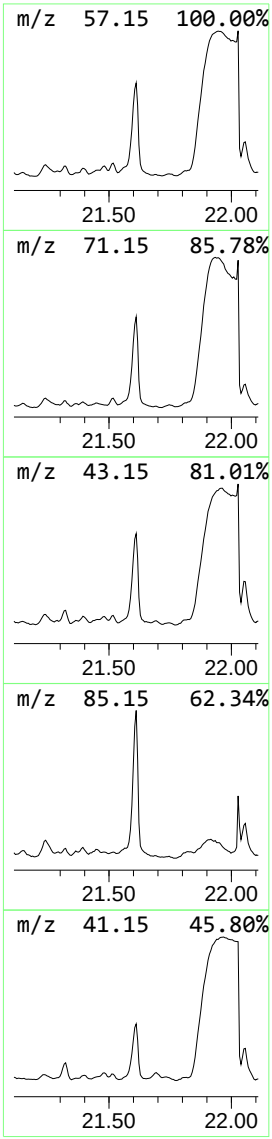
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.611 | 29.30 ng/ul | 16218900 | Chrysene-d12 | 22.034 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 90 |
| 2 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 80 |
| 3 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 74 |
| 4 | Bacchotricuneatin c | 342 | C20H22O5 | 066563-30-2 | 70 |
| 5 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

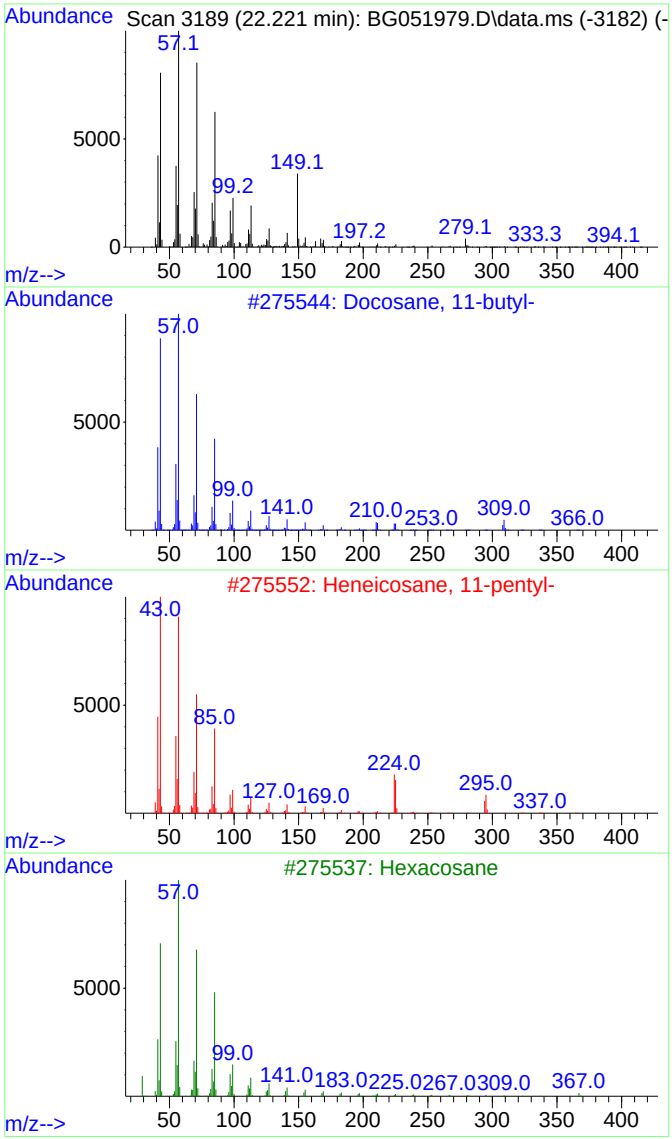
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

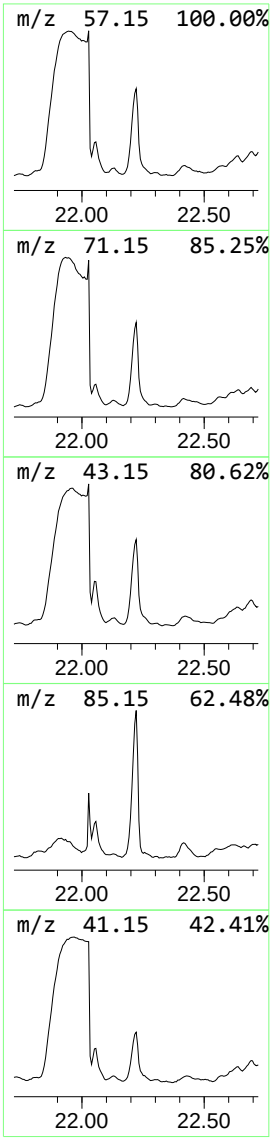
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.221 | 27.11 ng/ul | 15004000 | Chrysene-d12 | 22.034 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 86 |
| 2 | Heneicosane, 11-pentyl- | 366 | C26H54 | 014739-72-1 | 76 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 76 |
| 4 | Docosane, 5-butyl- | 366 | C26H54 | 055282-16-1 | 76 |
| 5 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

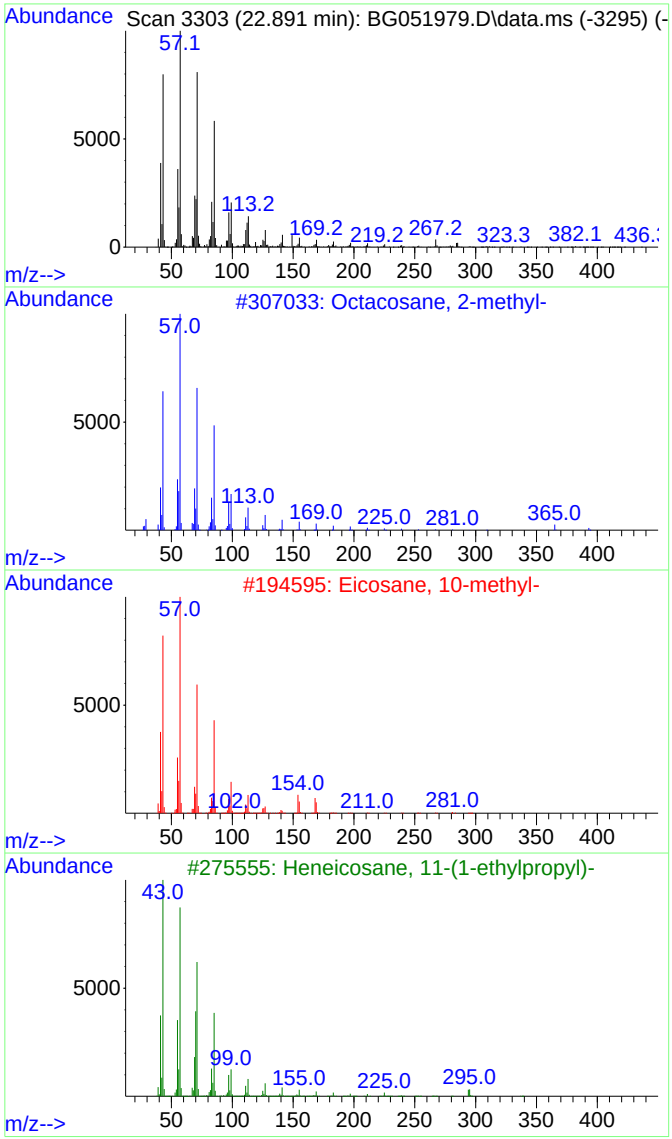
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

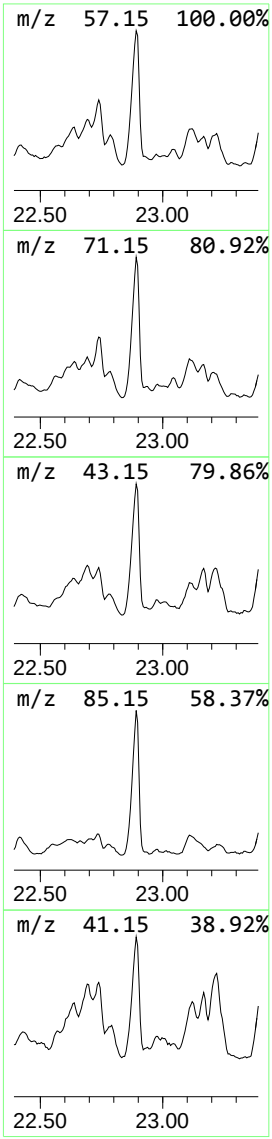
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.891 | 25.19 ng/ul | 13945600 | Chrysene-d12 | 22.034 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 90 |
| 2 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 90 |
| 3 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 83 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 83 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

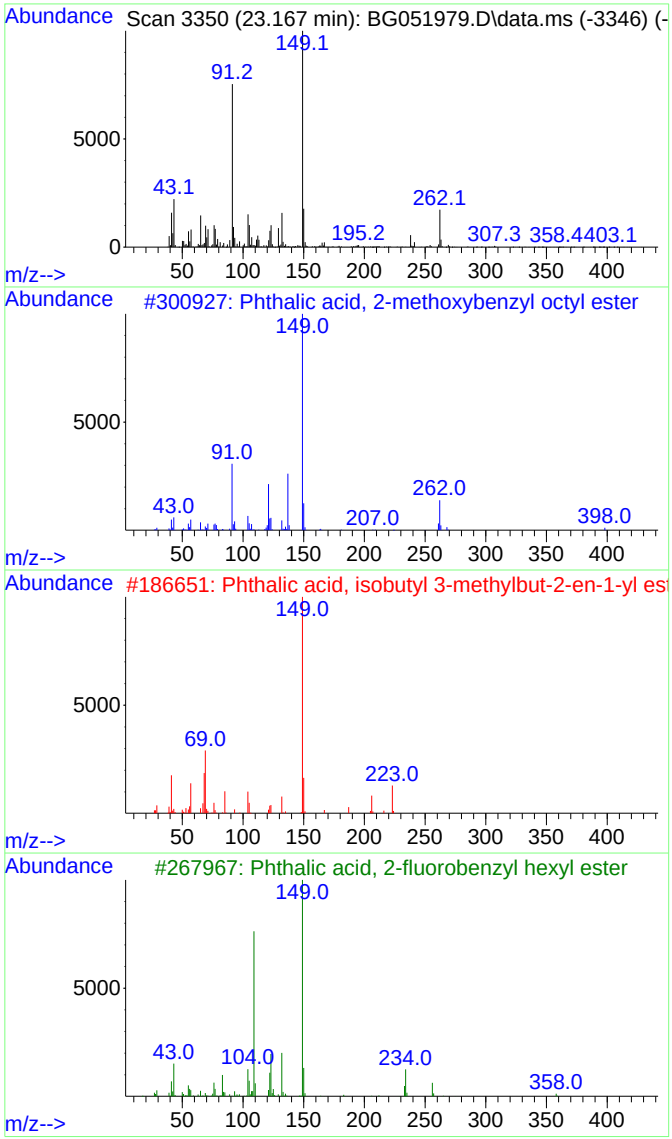
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

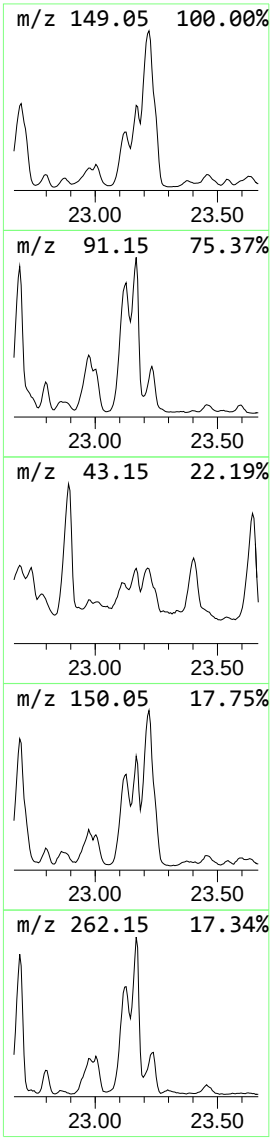
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 67 Phthalic acid, 2-methoxyben... Concentration Rank 44

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.167 | 14.67 ng/ul | 8117950 | Chrysene-d12 | 22.034 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phthalic acid, 2-methoxybenzyl o... | 398 | C24H30O5 | 1000382-49-7 | 59 |
| 2 | Phthalic acid, isobutyl 3-methyl... | 290 | C17H22O4 | 1000315-45-0 | 50 |
| 3 | Phthalic acid, 2-fluorobenzyl he... | 358 | C21H23FO4 | 1000371-06-9 | 50 |
| 4 | Phthalic acid, 2-methylallyl non... | 346 | C21H30O4 | 1000315-82-9 | 50 |
| 5 | 1,2-Benzenedicarboxylic acid, bi... | 250 | C14H18O4 | 000605-45-8 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

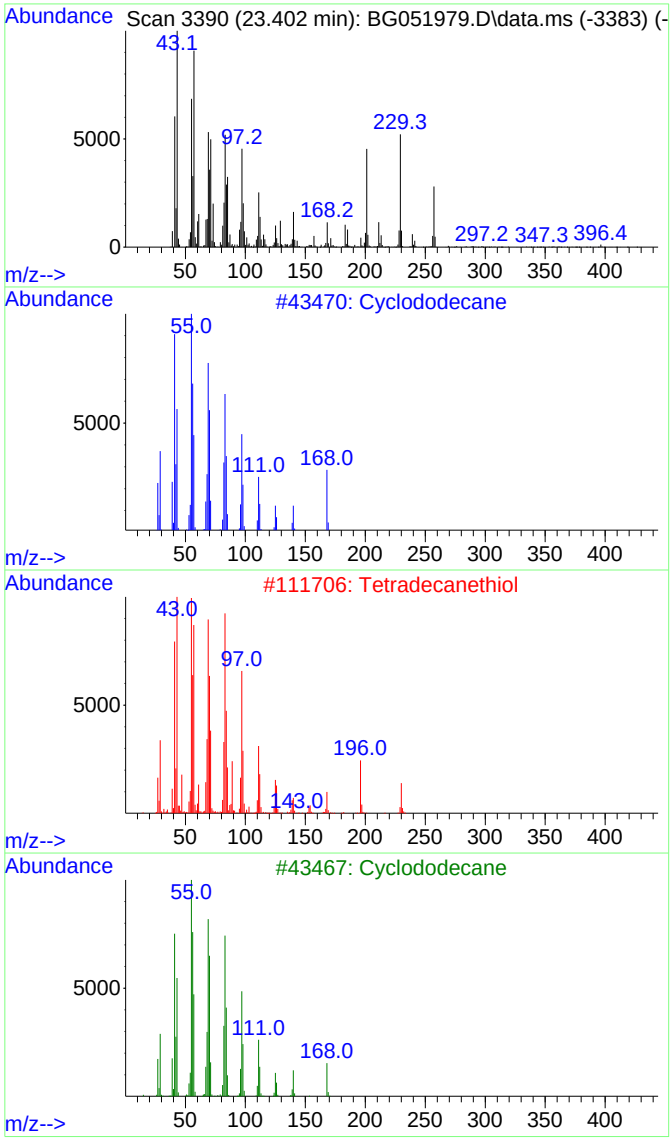
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

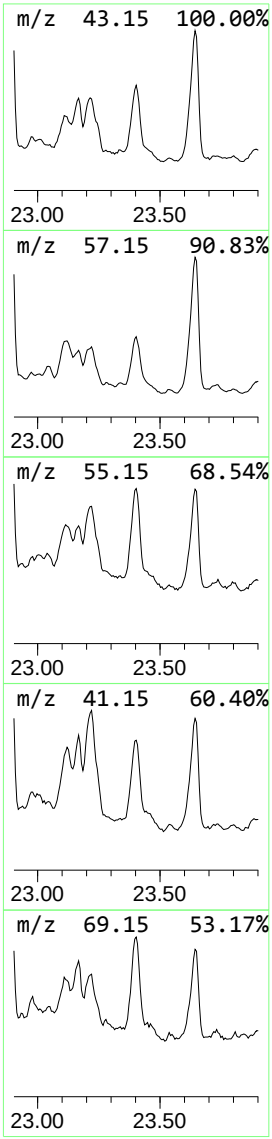
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 68 (DEL) Alkane: Cyclic23.402 Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.402 | 15.22 ng/ul | 8425950 | Chrysene-d12 | 22.034 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclododecane | 168 | C12H24 | 000294-62-2 | 90 |
| 2 | Tetradecanethiol | 230 | C14H30S | 002079-95-0 | 64 |
| 3 | Cyclododecane | 168 | C12H24 | 000294-62-2 | 64 |
| 4 | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2 | 088104-31-8 | 64 |
| 5 | Cyclotetradecane | 196 | C14H28 | 000295-17-0 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

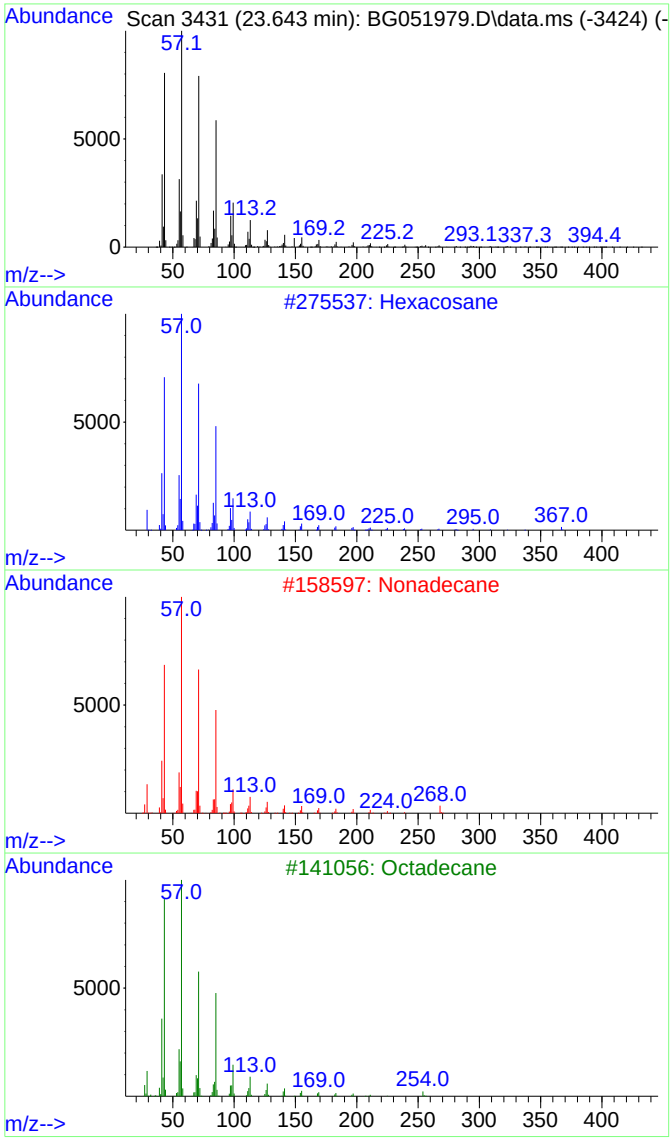
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

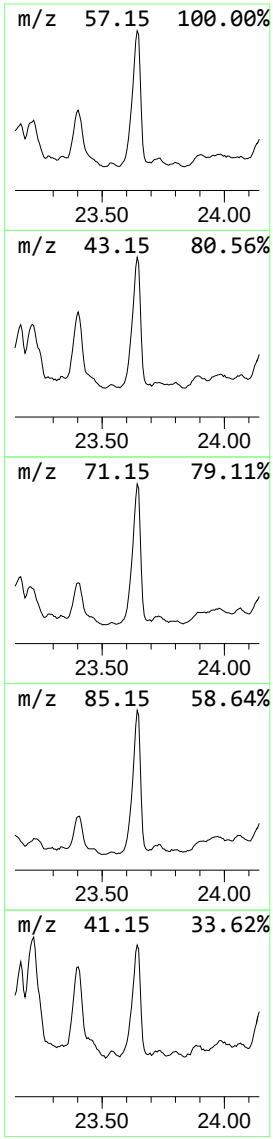
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.643 | 18.64 ng/ul | 10317900 | Chrysene-d12 | 22.034 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 94 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 93 |
| 3 | Octadecane | 254 | C18H38 | 000593-45-3 | 93 |
| 4 | Eicosane, 9-octyl- | 394 | C28H58 | 013475-77-9 | 93 |
| 5 | Disulfide, di-tert-dodecyl | 402 | C24H50S2 | 027458-90-8 | 93 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011422\
Data File : BG051979.D
Acq On : 14 Jan 2022 16:44
Operator : CG/JU
Sample : N1100-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.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 | 5.744 | 45.6 | ng/ul | 29564300 | 1 | 8.276 | 12977900 | 20.0 |
| o-Xylene | 5.914 | 124.8 | ng/ul | 80963900 | 1 | 8.276 | 12977900 | 20.0 |
| p-Xylene | 6.255 | 59.3 | ng/ul | 38445600 | 1 | 8.276 | 12977900 | 20.0 |
| (DEL) Alkane: C... | 6.513 | 8.7 | ng/ul | 5668170 | 1 | 8.276 | 12977900 | 20.0 |
| Benzene, (1-met... | 6.748 | 43.0 | ng/ul | 27934800 | 1 | 8.276 | 12977900 | 20.0 |
| Cyclohexanone, ... | 6.889 | 14.2 | ng/ul | 9217620 | 1 | 8.276 | 12977900 | 20.0 |
| Benzene, propyl- | 7.236 | 25.4 | ng/ul | 16454000 | 1 | 8.276 | 12977900 | 20.0 |
| Benzene, 1-ethy... | 7.330 | 13.6 | ng/ul | 8791280 | 1 | 8.276 | 12977900 | 20.0 |
| Benzene, 1,2,3-... | 7.500 | 26.3 | ng/ul | 17088700 | 1 | 8.276 | 12977900 | 20.0 |
| Benzene, 1-ethy... | 7.659 | 17.8 | ng/ul | 11521100 | 1 | 8.276 | 12977900 | 20.0 |
| Benzene, 1,2,4-... | 7.941 | 98.9 | ng/ul | 64149300 | 1 | 8.276 | 12977900 | 20.0 |
| (DEL) Alkane: S... | 8.358 | 9.4 | ng/ul | 6108590 | 1 | 8.276 | 12977900 | 20.0 |
| Benzene, 1-ethy... | 8.417 | 23.4 | ng/ul | 15197700 | 1 | 8.276 | 12977900 | 20.0 |
| (DEL) Alkane: C... | 8.587 | 10.0 | ng/ul | 6494150 | 1 | 8.276 | 12977900 | 20.0 |
| Indane | 8.669 | 17.2 | ng/ul | 11187600 | 1 | 8.276 | 12977900 | 20.0 |
| unknown-01 | 8.828 | 29.8 | ng/ul | 19345500 | 1 | 8.276 | 12977900 | 20.0 |
| (DEL) Alkane: S... | 8.887 | 7.6 | ng/ul | 4915880 | 1 | 8.276 | 12977900 | 20.0 |
| (DEL) Alkane: S... | 9.063 | 13.6 | ng/ul | 8810900 | 1 | 8.276 | 12977900 | 20.0 |
| Benzene, 1-ethy... | 9.409 | 28.9 | ng/ul | 18747600 | 1 | 8.276 | 12977900 | 20.0 |
| (DEL) Alkane: S... | 9.574 | 80.7 | ng/ul | 52360400 | 1 | 8.276 | 12977900 | 20.0 |
| unknown-02 | 9.662 | 17.1 | ng/ul | 11128000 | 1 | 8.276 | 12977900 | 20.0 |
| (DEL) Alkane: C... | 10.238 | 2.1 | ng/ul | 5034500 | 2 | 11.236 | 48908700 | 20.0 |
| (DEL) Alkane: S... | 10.461 | 2.3 | ng/ul | 5536080 | 2 | 11.236 | 48908700 | 20.0 |
| (DEL) Alkane: S... | 12.558 | 10.2 | ng/ul | 24999700 | 2 | 11.236 | 48908700 | 20.0 |
| (DEL) Alkane: S... | 13.457 | 17.5 | ng/ul | 6763850 | 3 | 14.914 | 7744210 | 20.0 |
| Naphthalene, 2-... | 13.956 | 17.9 | ng/ul | 6917160 | 3 | 14.914 | 7744210 | 20.0 |
| Naphthalene, 2,... | 14.115 | 43.0 | ng/ul | 16653300 | 3 | 14.914 | 7744210 | 20.0 |
| Sulfurous acid,... | 14.391 | 17.1 | ng/ul | 6623490 | 3 | 14.914 | 7744210 | 20.0 |
| Naphthalene, 1,... | 14.491 | 19.8 | ng/ul | 7678510 | 3 | 14.914 | 7744210 | 20.0 |
| (DEL) Alkane: S... | 14.826 | 60.6 | ng/ul | 23455200 | 3 | 14.914 | 7744210 | 20.0 |
| Naphthalene, 1,... | 15.401 | 35.2 | ng/ul | 13619300 | 3 | 14.914 | 7744210 | 20.0 |
| Naphthalene, 2,... | 15.713 | 16.1 | ng/ul | 6250050 | 3 | 14.914 | 7744210 | 20.0 |
| (DEL) Alkane: S... | 15.771 | 48.0 | ng/ul | 18603500 | 3 | 14.914 | 7744210 | 20.0 |
| (DEL) Alkane: S... | 16.165 | 14.4 | ng/ul | 5585130 | 3 | 14.914 | 7744210 | 20.0 |
| (DEL) Alkane: S... | 16.635 | 74.8 | ng/ul | 21719800 | 4 | 17.675 | 5804150 | 20.0 |
| Benzene, (1-met... | 16.741 | 19.0 | ng/ul | 5508590 | 4 | 17.675 | 5804150 | 20.0 |
| (DEL) Alkane: S... | 17.422 | 41.4 | ng/ul | 12004200 | 4 | 17.675 | 5804150 | 20.0 |
| (DEL) Alkane: S... | 17.475 | 16.0 | ng/ul | 4635810 | 4 | 17.675 | 5804150 | 20.0 |
| Benzene, (1-met... | 17.557 | 34.6 | ng/ul | 10037600 | 4 | 17.675 | 5804150 | 20.0 |
| [(4-Methylbenzy... | 17.886 | 33.4 | ng/ul | 9694320 | 4 | 17.675 | 5804150 | 20.0 |
| (DEL) Alkane: S... | 18.162 | 44.9 | ng/ul | 13033500 | 4 | 17.675 | 5804150 | 20.0 |
| Phenanthrene, 1... | 18.556 | 17.0 | ng/ul | 4933210 | 4 | 17.675 | 5804150 | 20.0 |
| Phenanthrene, 2... | 18.603 | 40.2 | ng/ul | 11657800 | 4 | 17.675 | 5804150 | 20.0 |
| (DEL) Alkane: S... | 18.855 | 27.9 | ng/ul | 8093830 | 4 | 17.675 | 5804150 | 20.0 |
| p-Dicyclohexylb... | 19.114 | 32.8 | ng/ul | 9520460 | 4 | 17.675 | 5804150 | 20.0 |
| (DEL) Alkane: S... | 19.466 | 48.5 | ng/ul | 14068900 | 4 | 17.675 | 5804150 | 20.0 |
| cyclohexane, [1... | 19.654 | 37.4 | ng/ul | 10859600 | 4 | 17.675 | 5804150 | 20.0 |
| Octadecanoic acid | 19.895 | 61.7 | ng/ul | 34157800 | 5 | 22.034 | 11070800 | 20.0 |
| (DEL) Alkane: S... | 20.559 | 16.6 | ng/ul | 9210270 | 5 | 22.034 | 11070800 | 20.0 |
| (DEL) Alkane: S... | 21.064 | 12.3 | ng/ul | 6793540 | 5 | 22.034 | 11070800 | 20.0 |
| (DEL) Alkane: S... | 21.611 | 29.3 | ng/ul | 16218900 | 5 | 22.034 | 11070800 | 20.0 |
| (DEL) Alkane: S... | 22.221 | 27.1 | ng/ul | 15004000 | 5 | 22.034 | 11070800 | 20.0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| (DEL) Alkane: S... | 22.891 | 25.2 | ng/ul | 13945600 | 5 | 22.034 | 11070800 | 20.0 |
| Phthalic acid, ... | 23.167 | 14.7 | ng/ul | 8117950 | 5 | 22.034 | 11070800 | 20.0 |
| (DEL) Alkane: C... | 23.402 | 15.2 | ng/ul | 8425950 | 5 | 22.034 | 11070800 | 20.0 |
| (DEL) Alkane: S... | 23.643 | 18.6 | ng/ul | 10317900 | 5 | 22.034 | 11070800 | 20.0 |

**Instrument :**
BNA_G
**ClientSampleId :**
BGLS8