LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC: BG058008.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.117 | 3 | 5 | 23 | rVB | 1368452 | 1658508 | 84.16% | 4.826% |
| 2 | 3.375 | 45 | 49 | 59 | rVB | 12823 | 21900 | 1.11% | 0.064% |
| 3 | 3.787 | 113 | 119 | 132 | rBV | 176784 | 294585 | 14.95% | 0.857% |
| 4 | 3.898 | 133 | 138 | 146 | rVV | 42272 | 59772 | 3.03% | 0.174% |
| 5 | 4.022 | 155 | 159 | 164 | rVB2 | 13518 | 21143 | 1.07% | 0.062% |
| 6 | 5.132 | 342 | 348 | 354 | rBV3 | 10269 | 20585 | 1.04% | 0.060% |
| 7 | 7.106 | 676 | 684 | 696 | rBV | 300333 | 519406 | 26.36% | 1.511% |
| 8 | 7.265 | 703 | 711 | 721 | rBV | 217582 | 358216 | 18.18% | 1.042% |
| 9 | 7.476 | 740 | 747 | 756 | rVB | 287178 | 481427 | 24.43% | 1.401% |
| 10 | 7.941 | 816 | 826 | 834 | rBV | 185901 | 308763 | 15.67% | 0.898% |
| 11 | 8.651 | 939 | 947 | 955 | rBV | 318588 | 570665 | 28.96% | 1.660% |
| 12 | 9.104 | 1016 | 1024 | 1032 | rVV | 286533 | 502422 | 25.50% | 1.462% |
| 13 | 9.827 | 1139 | 1147 | 1158 | rVB | 233120 | 414907 | 21.05% | 1.207% |
| 14 | 10.367 | 1232 | 1239 | 1249 | rBV | 379262 | 675823 | 34.29% | 1.966% |
| 15 | 10.743 | 1293 | 1303 | 1309 | rBV | 274656 | 502941 | 25.52% | 1.463% |
| 16 | 10.796 | 1309 | 1312 | 1319 | rVV | 28650 | 44656 | 2.27% | 0.130% |
| 17 | 10.878 | 1319 | 1326 | 1341 | rVV | 131314 | 257909 | 13.09% | 0.750% |
| 18 | 12.406 | 1578 | 1586 | 1593 | rVB3 | 16487 | 28976 | 1.47% | 0.084% |
| 19 | 12.623 | 1618 | 1623 | 1629 | rVB2 | 13728 | 22410 | 1.14% | 0.065% |
| 20 | 13.393 | 1748 | 1754 | 1761 | rBV3 | 15995 | 31154 | 1.58% | 0.091% |
| 21 | 13.458 | 1761 | 1765 | 1770 | rVV5 | 13218 | 23256 | 1.18% | 0.068% |
| 22 | 13.746 | 1808 | 1814 | 1820 | rBV3 | 15254 | 28758 | 1.46% | 0.084% |
| 23 | 13.898 | 1834 | 1840 | 1845 | rBV3 | 21608 | 38035 | 1.93% | 0.111% |
| 24 | 13.981 | 1845 | 1854 | 1860 | rVV | 647923 | 957563 | 48.59% | 2.786% |
| 25 | 14.268 | 1896 | 1903 | 1919 | rVB2 | 764843 | 1222119 | 62.02% | 3.556% |
| 26 | 14.462 | 1931 | 1936 | 1942 | rVB | 16691 | 24191 | 1.23% | 0.070% |
| 27 | 14.574 | 1942 | 1955 | 1961 | rBV | 416196 | 671385 | 34.07% | 1.954% |
| 28 | 14.639 | 1961 | 1966 | 1974 | rVB | 40962 | 68603 | 3.48% | 0.200% |
| 29 | 14.780 | 1983 | 1990 | 2000 | rBV | 230405 | 425550 | 21.59% | 1.238% |
| 30 | 14.921 | 2010 | 2014 | 2018 | rBV2 | 22094 | 31545 | 1.60% | 0.092% |
| 31 | 14.973 | 2018 | 2023 | 2029 | rVV2 | 31432 | 49035 | 2.49% | 0.143% |
| 32 | 15.355 | 2075 | 2088 | 2094 | rBV2 | 15434 | 44315 | 2.25% | 0.129% |
| 33 | 15.408 | 2094 | 2097 | 2101 | rVB | 17756 | 22707 | 1.15% | 0.066% |
| 34 | 15.567 | 2117 | 2124 | 2130 | rBV | 985224 | 1493903 | 75.81% | 4.347% |
| 35 | 15.620 | 2130 | 2133 | 2138 | rVB4 | 37385 | 51049 | 2.59% | 0.149% |
| 36 | 15.684 | 2138 | 2144 | 2151 | rBV | 251991 | 380937 | 19.33% | 1.108% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.814 | 2162 | 2166 | 2172 | rVB5 | 12025 | 22444 | 1.14% | 0.065% |
| 38 | 15.925 | 2178 | 2185 | 2191 | rBV | 236653 | 352980 | 17.91% | 1.027% |
| 39 | 16.060 | 2204 | 2208 | 2216 | rVV2 | 14886 | 35152 | 1.78% | 0.102% |
| 40 | 16.137 | 2216 | 2221 | 2228 | rVB6 | 15773 | 30881 | 1.57% | 0.090% |
| 41 | 16.272 | 2240 | 2244 | 2245 | rVV | 31828 | 35841 | 1.82% | 0.104% |
| 42 | 16.295 | 2245 | 2248 | 2254 | rVV2 | 44426 | 66704 | 3.38% | 0.194% |
| 43 | 16.419 | 2264 | 2269 | 2274 | rVV5 | 21115 | 40237 | 2.04% | 0.117% |
| 44 | 16.495 | 2277 | 2282 | 2286 | rVV2 | 16275 | 30419 | 1.54% | 0.089% |
| 45 | 16.707 | 2314 | 2318 | 2324 | rVB4 | 18231 | 30964 | 1.57% | 0.090% |
| 46 | 16.848 | 2339 | 2342 | 2346 | rBV5 | 17404 | 24691 | 1.25% | 0.072% |
| 47 | 16.971 | 2358 | 2363 | 2367 | rBV2 | 34036 | 57555 | 2.92% | 0.167% |
| 48 | 17.018 | 2367 | 2371 | 2374 | rVV3 | 30631 | 40568 | 2.06% | 0.118% |
| 49 | 17.065 | 2375 | 2379 | 2382 | rVB2 | 28202 | 41491 | 2.11% | 0.121% |
| 50 | 17.136 | 2388 | 2391 | 2398 | rVB | 26438 | 41472 | 2.10% | 0.121% |
| 51 | 17.200 | 2398 | 2402 | 2410 | rBV | 82804 | 138258 | 7.02% | 0.402% |
| 52 | 17.271 | 2410 | 2414 | 2417 | rBV | 53014 | 77859 | 3.95% | 0.227% |
| 53 | 17.318 | 2417 | 2422 | 2426 | rVV | 495769 | 771611 | 39.16% | 2.245% |
| 54 | 17.359 | 2426 | 2429 | 2434 | rVV | 437503 | 634734 | 32.21% | 1.847% |
| 55 | 17.418 | 2434 | 2439 | 2449 | rVV2 | 928054 | 1538974 | 78.10% | 4.478% |
| 56 | 17.500 | 2449 | 2453 | 2462 | rVB5 | 41029 | 79331 | 4.03% | 0.231% |
| 57 | 17.594 | 2465 | 2469 | 2471 | rBV2 | 17108 | 23706 | 1.20% | 0.069% |
| 58 | 17.717 | 2483 | 2490 | 2501 | rBV2 | 67208 | 141557 | 7.18% | 0.412% |
| 59 | 17.800 | 2501 | 2504 | 2507 | rVV3 | 21465 | 25546 | 1.30% | 0.074% |
| 60 | 17.841 | 2507 | 2511 | 2516 | rVB6 | 13476 | 20165 | 1.02% | 0.059% |
| 61 | 17.976 | 2531 | 2534 | 2539 | rVB6 | 15073 | 21094 | 1.07% | 0.061% |
| 62 | 18.082 | 2547 | 2552 | 2559 | rBV4 | 40839 | 86351 | 4.38% | 0.251% |
| 63 | 18.140 | 2559 | 2562 | 2567 | rBV | 60001 | 86613 | 4.40% | 0.252% |
| 64 | 18.205 | 2567 | 2573 | 2577 | rBV2 | 661916 | 960735 | 48.75% | 2.796% |
| 65 | 18.275 | 2582 | 2585 | 2589 | rVB | 133824 | 159971 | 8.12% | 0.465% |
| 66 | 18.387 | 2599 | 2604 | 2608 | rBV3 | 94432 | 179095 | 9.09% | 0.521% |
| 67 | 18.422 | 2608 | 2610 | 2615 | rVB | 48605 | 58598 | 2.97% | 0.171% |
| 68 | 18.499 | 2619 | 2623 | 2627 | rBV2 | 64490 | 99294 | 5.04% | 0.289% |
| 69 | 18.540 | 2627 | 2630 | 2635 | rVB5 | 21159 | 27356 | 1.39% | 0.080% |
| 70 | 18.693 | 2652 | 2656 | 2659 | rBV | 55709 | 77707 | 3.94% | 0.226% |
| 71 | 18.734 | 2659 | 2663 | 2668 | rVB | 75442 | 109029 | 5.53% | 0.317% |
| 72 | 19.116 | 2722 | 2728 | 2732 | rBV3 | 56278 | 110905 | 5.63% | 0.323% |
| 73 | 19.245 | 2747 | 2750 | 2758 | rVB2 | 59559 | 119938 | 6.09% | 0.349% |
| 74 | 19.333 | 2761 | 2765 | 2766 | rBV2 | 55267 | 65655 | 3.33% | 0.191% |
| 75 | 19.374 | 2766 | 2772 | 2778 | rVB | 1118894 | 1657506 | 84.11% | 4.823% |
| 76 | 19.474 | 2785 | 2789 | 2795 | rBV3 | 163762 | 218037 | 11.06% | 0.634% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 19.615 | 2810 | 2813 | 2820 | rVB2 | 56793 | 77317 | 3.92% | 0.225% |
| 78 | 19.703 | 2822 | 2828 | 2831 | rVV | 1233323 | 1970638 | 100.00% | 5.734% |
| 79 | 19.733 | 2831 | 2833 | 2840 | rVV | 877762 | 1169892 | 59.37% | 3.404% |
| 80 | 19.803 | 2841 | 2845 | 2852 | rVB3 | 75951 | 144626 | 7.34% | 0.421% |
| 81 | 19.909 | 2860 | 2863 | 2868 | rVB | 40491 | 51573 | 2.62% | 0.150% |
| 82 | 19.973 | 2870 | 2874 | 2879 | rBV | 48828 | 75149 | 3.81% | 0.219% |
| 83 | 20.044 | 2882 | 2886 | 2894 | rVB2 | 71077 | 194528 | 9.87% | 0.566% |
| 84 | 20.226 | 2913 | 2917 | 2922 | rVB3 | 167379 | 278587 | 14.14% | 0.811% |
| 85 | 20.320 | 2930 | 2933 | 2936 | rBV | 54846 | 68480 | 3.48% | 0.199% |
| 86 | 20.520 | 2964 | 2967 | 2970 | rBV | 50520 | 63338 | 3.21% | 0.184% |
| 87 | 20.726 | 2999 | 3002 | 3006 | rVB | 67296 | 77104 | 3.91% | 0.224% |
| 88 | 20.978 | 3041 | 3045 | 3052 | rBV | 129152 | 215534 | 10.94% | 0.627% |
| 89 | 21.219 | 3081 | 3086 | 3089 | rBV2 | 291299 | 471898 | 23.95% | 1.373% |
| 90 | 21.454 | 3123 | 3126 | 3133 | rVB | 227678 | 299024 | 15.17% | 0.870% |
| 91 | 21.560 | 3138 | 3144 | 3151 | rVV4 | 660375 | 1742849 | 88.44% | 5.071% |
| 92 | 21.619 | 3151 | 3154 | 3161 | rVB | 451583 | 709416 | 36.00% | 2.064% |
| 93 | 22.353 | 3275 | 3279 | 3290 | rBV4 | 120491 | 355436 | 18.04% | 1.034% |
| 94 | 23.740 | 3508 | 3515 | 3522 | rBV | 379842 | 1207580 | 61.28% | 3.514% |
| 95 | 23.822 | 3525 | 3529 | 3537 | rVB | 385338 | 773315 | 39.24% | 2.250% |
| 96 | 24.456 | 3631 | 3637 | 3643 | rBV2 | 177284 | 475127 | 24.11% | 1.383% |
| 97 | 24.533 | 3644 | 3650 | 3657 | rVV2 | 443392 | 1089983 | 55.31% | 3.172% |
| 98 | 24.750 | 3680 | 3687 | 3694 | rBV | 284831 | 751970 | 38.16% | 2.188% |
| 99 | 25.508 | 3811 | 3816 | 3826 | rVB7 | 167294 | 436359 | 22.14% | 1.270% |
| 100 | 25.867 | 3870 | 3877 | 3893 | rVB | 334475 | 997326 | 50.61% | 2.902% |

Sum of corrected areas: 34367192

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
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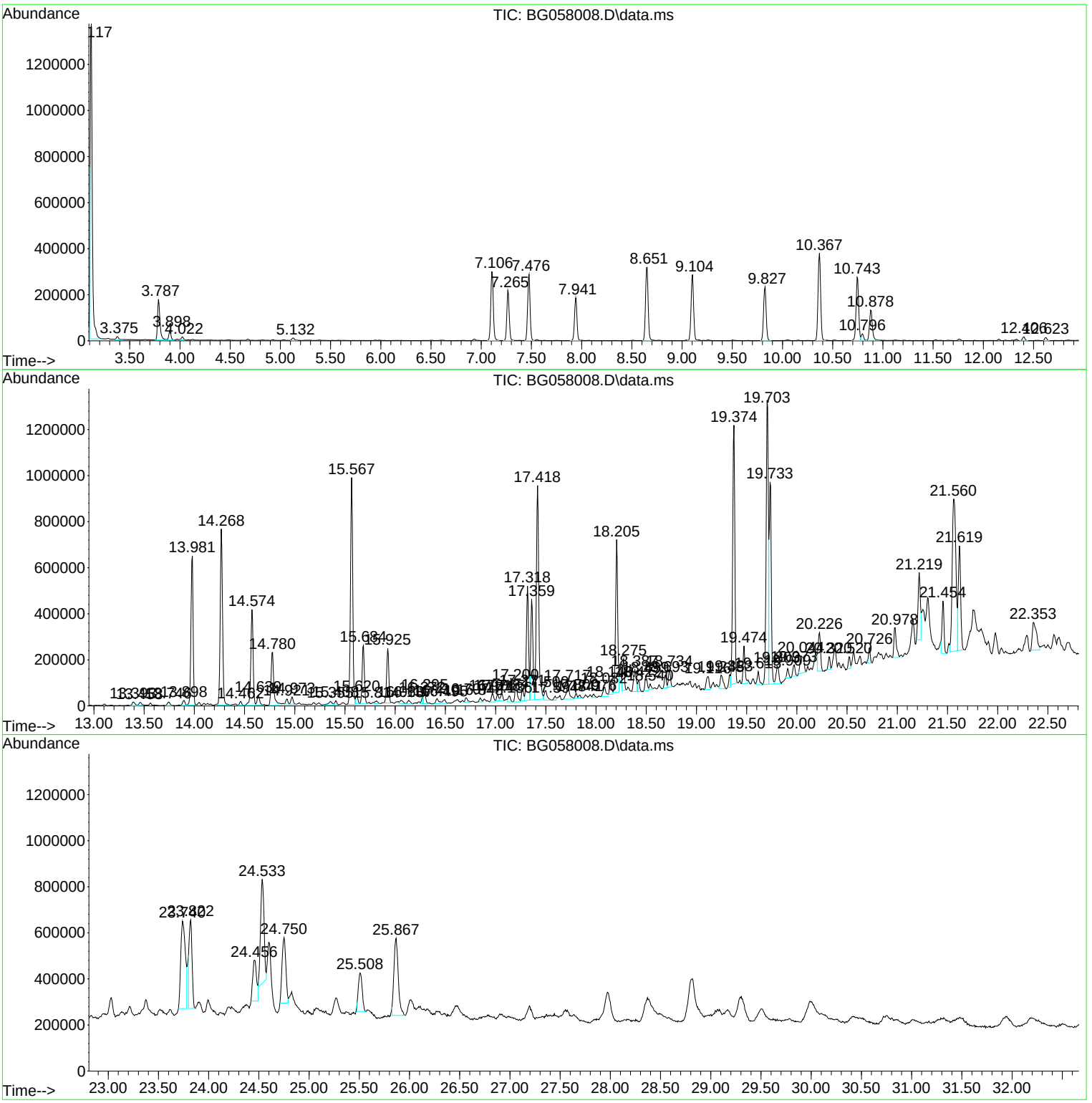
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

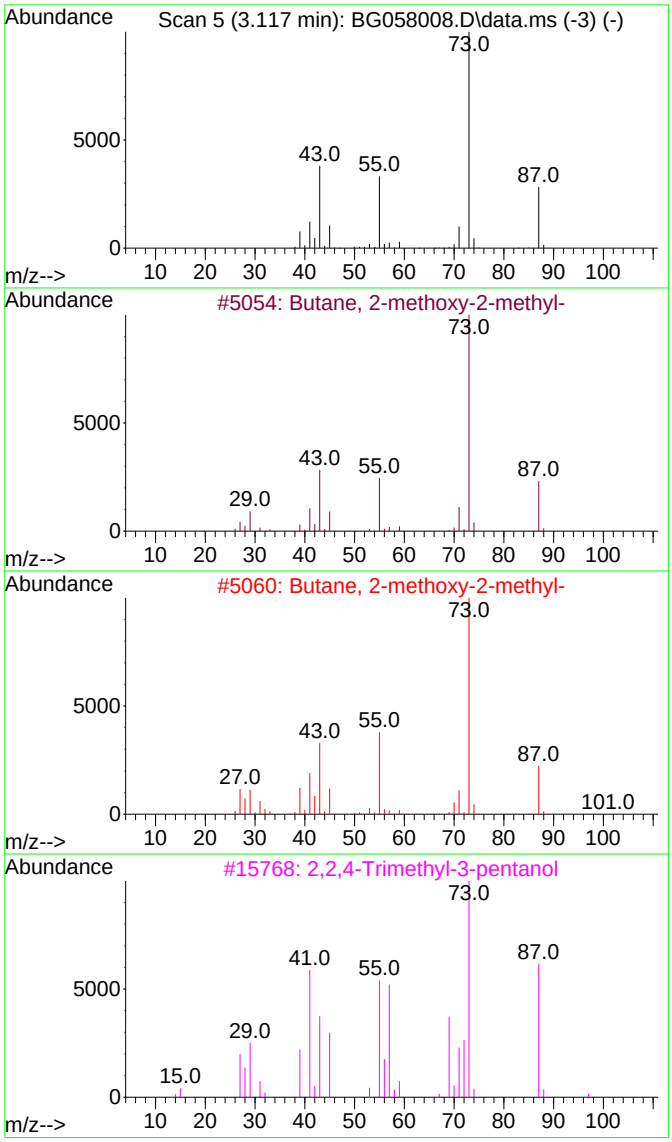
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

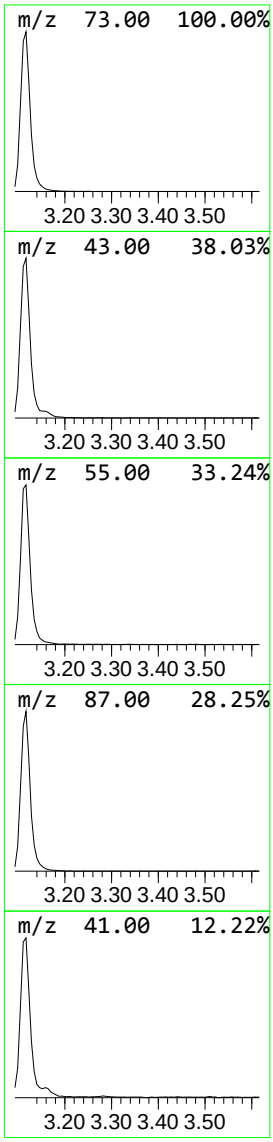
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.117 | 107.43 ng/ul | 1658510 | 1,4-Dichlorobenzene-d4 | 7.941 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 74 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 4 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 23 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

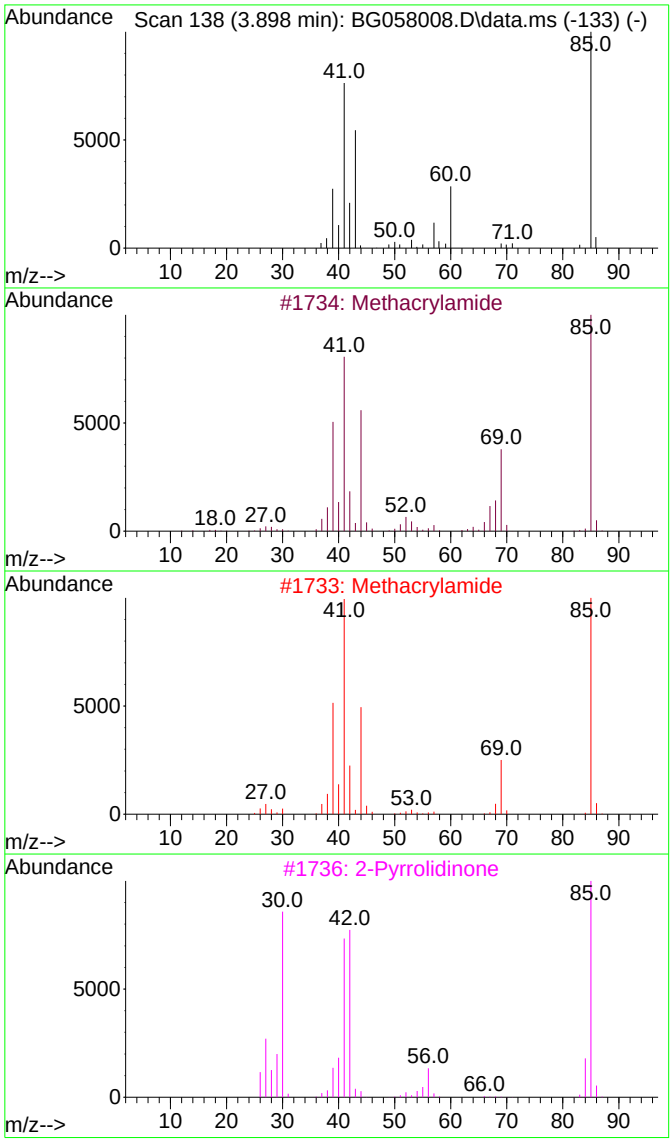
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

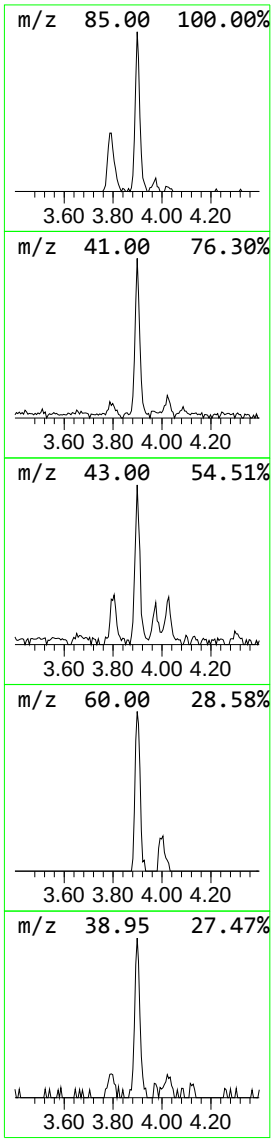
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 unknown-01 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.898 | 3.87 ng/ul | 59772 | 1,4-Dichlorobenzene-d4 | 7.941 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methacrylamide | 85 | C4H7NO | 000079-39-0 | 45 |
| 2 | Methacrylamide | 85 | C4H7NO | 000079-39-0 | 42 |
| 3 | 2-Pyrrolidinone | 85 | C4H7NO | 000616-45-5 | 38 |
| 4 | 2-(Chloromethyl)tetrahydropyran | 134 | C6H11ClO | 018420-41-2 | 36 |
| 5 | 2-Furanmethanol, tetrahydro-5-me... | 116 | C6H12O2 | 054774-28-6 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

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

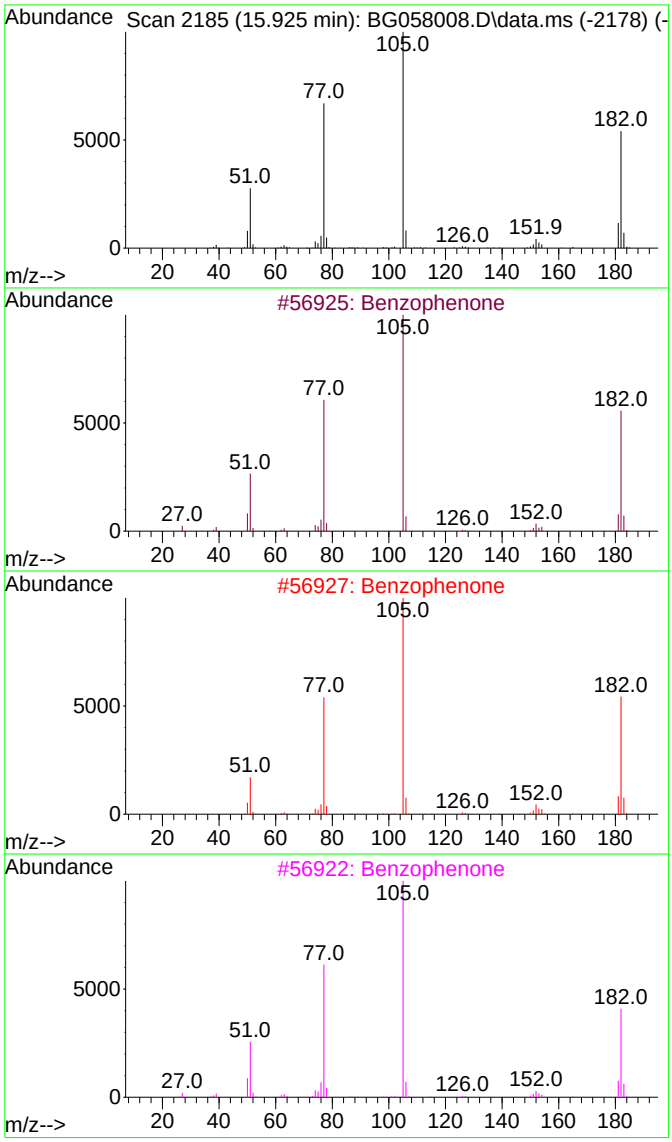
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

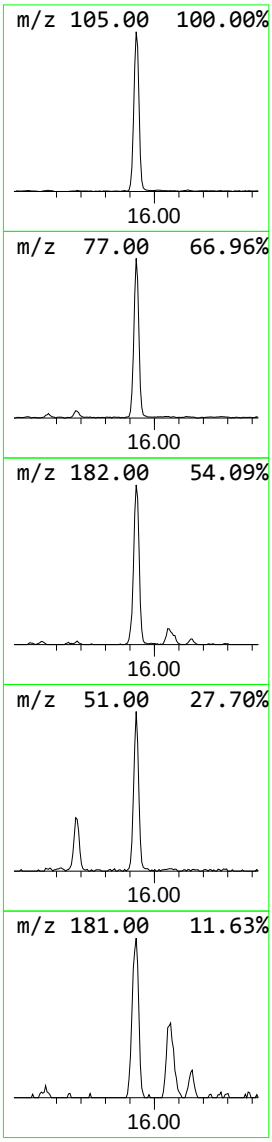
**********

Peak Number 3 Benzophenone Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.925 | 10.52 ng/ul | 352980 | Acenaphthene-d10 | 14.574 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzophenone | 182 | C13H10O | 000119-61-9 | 95 |
| 3 | Benzophenone | 182 | C13H10O | 000119-61-9 | 94 |
| 4 | Benzophenone | 182 | C13H10O | 000119-61-9 | 93 |
| 5 | Azobenzene | 182 | C12H10N2 | 000103-33-3 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

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

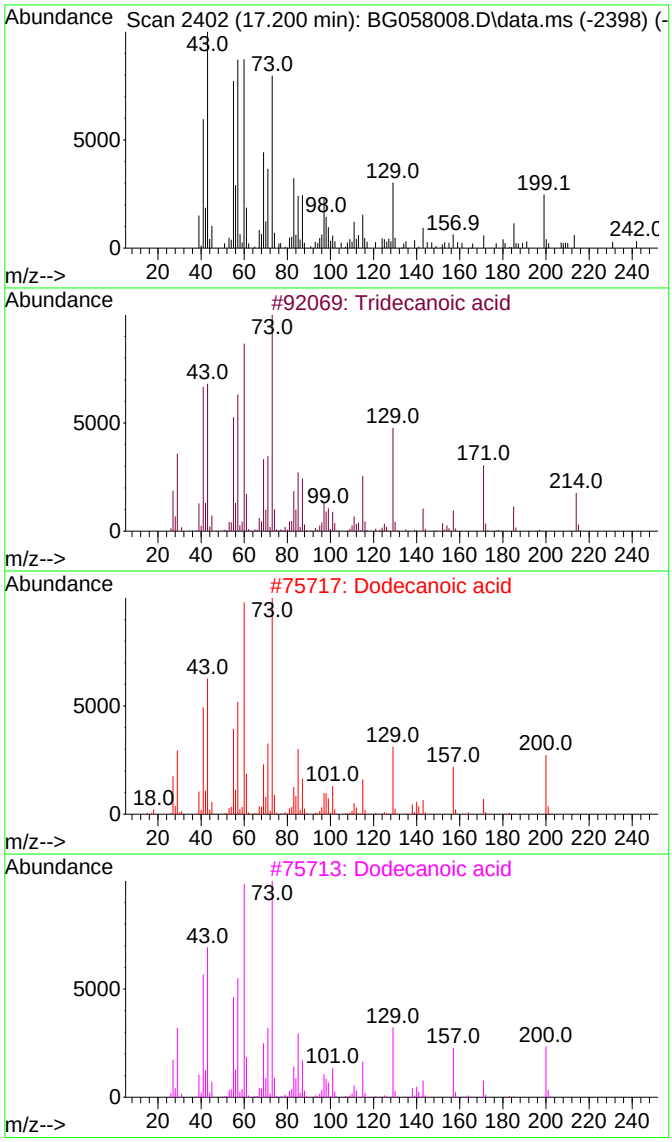
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

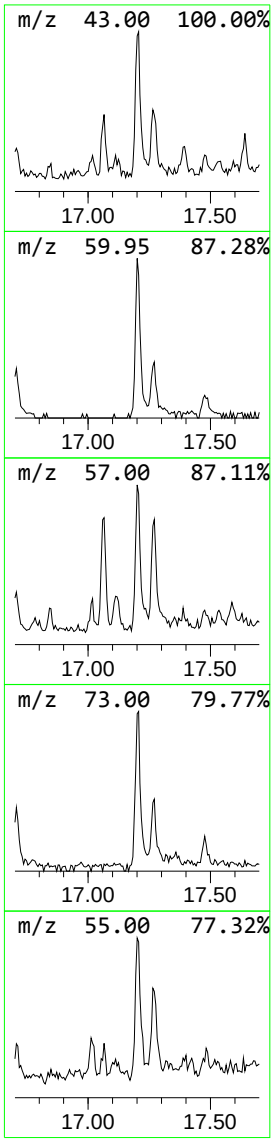
**********

Peak Number 4 Tridecanoic acid Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.200 | 3.58 ng/ul | 138258 | Phenanthrene-d10 | 17.318 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 64 |
| 2 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 62 |
| 3 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 62 |
| 4 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 52 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

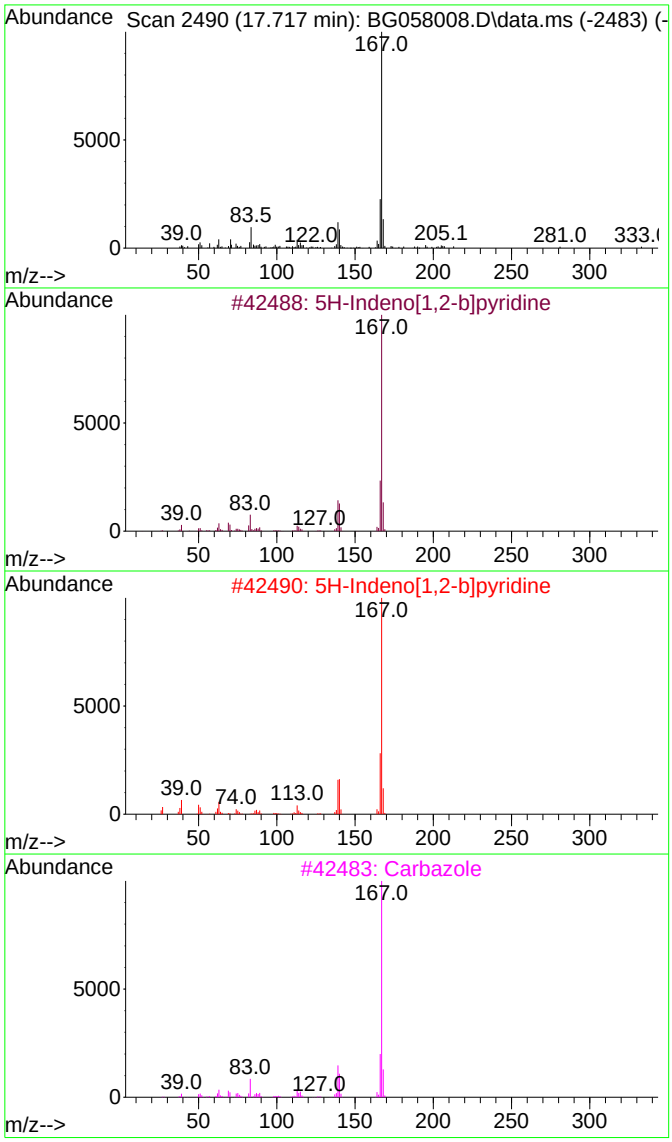
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

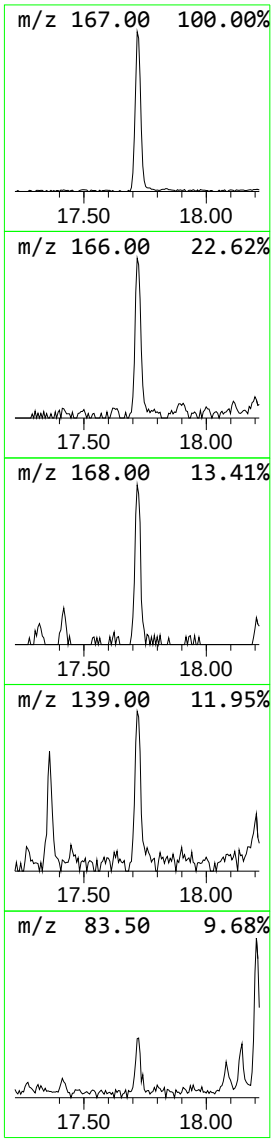
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 5H-Indeno[1,2-b]pyridine Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.717 | 3.67 ng/ul | 141557 | Phenanthrene-d10 | 17.318 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5H-Indeno[1,2-b]pyridine | 167 | C12H9N | 000244-99-5 | 93 |
| 2 | 5H-Indeno[1,2-b]pyridine | 167 | C12H9N | 000244-99-5 | 90 |
| 3 | Carbazole | 167 | C12H9N | 000086-74-8 | 90 |
| 4 | 9H-Carbazole, 9-nitroso- | 196 | C12H8N2O | 002788-23-0 | 86 |
| 5 | Carbazole | 167 | C12H9N | 000086-74-8 | 81 |



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Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

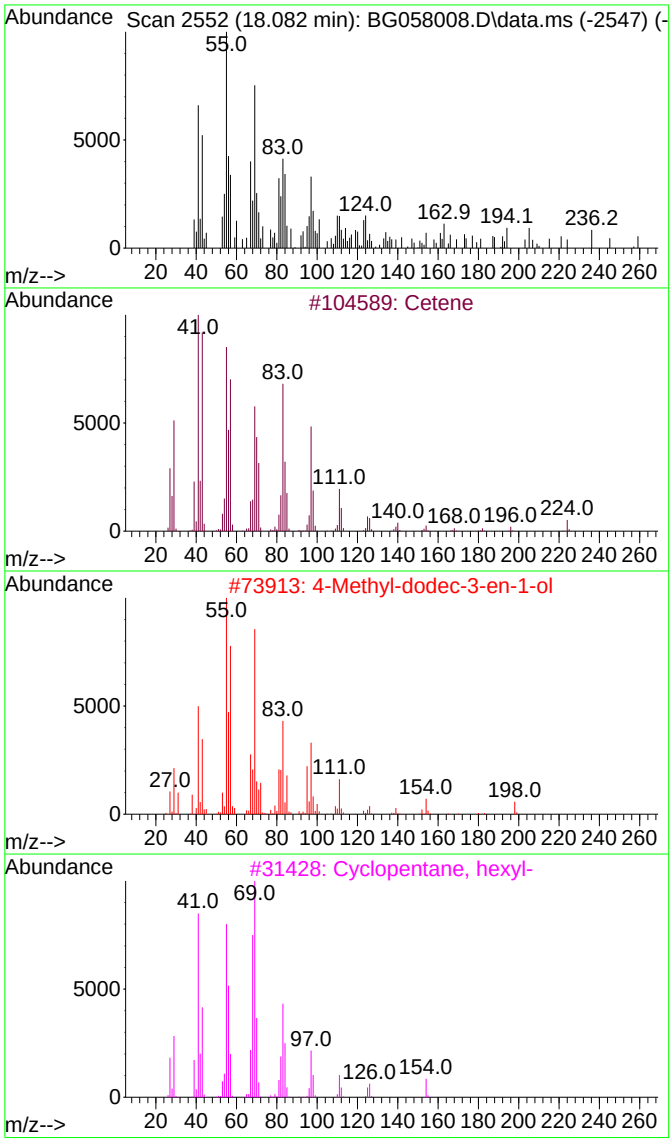
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

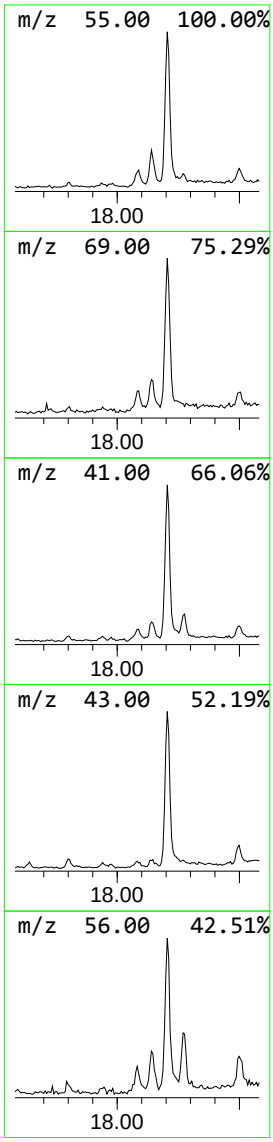
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.082 | 2.24 ng/ul | 86351 | Phenanthrene-d10 | 17.318 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cetene | 224 | C16H32 | 000629-73-2 | 68 |
| 2 | 4-Methyl-dodec-3-en-1-ol | 198 | C13H26O | 156992-84-6 | 64 |
| 3 | Cyclopentane, hexyl- | 154 | C11H22 | 004457-00-5 | 62 |
| 4 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 59 |
| 5 | 2-Heptafluorobutyroxypentadecane | 424 | C19H31F7O2 | 1010245-50-0 | 58 |



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Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

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

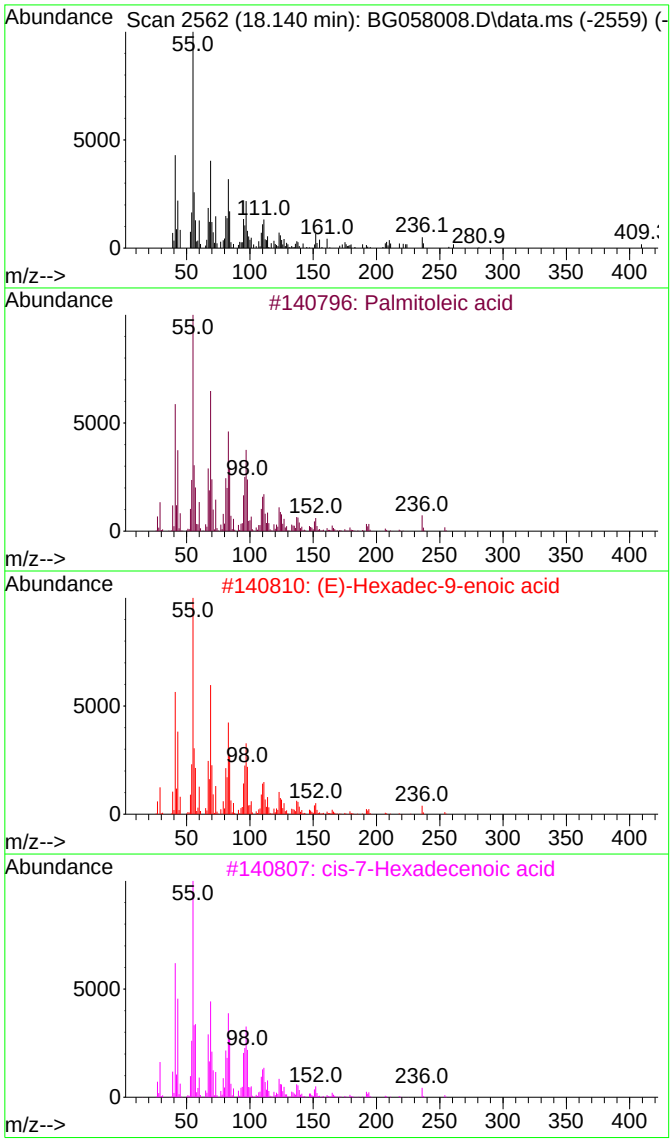
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

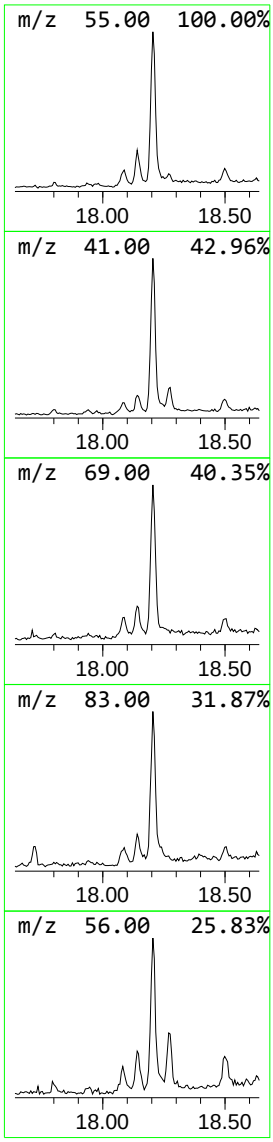
**********

Peak Number 7 Palmitoleic acid Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.140 | 2.24 ng/ul | 86613 | Phenanthrene-d10 | 17.318 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Palmitoleic acid | 254 | C16H30O2 | 000373-49-9 | 72 |
| 2 | (E)-Hexadec-9-enoic acid | 254 | C16H30O2 | 010030-73-6 | 72 |
| 3 | cis-7-Hexadecenoic acid | 254 | C16H30O2 | 002416-19-5 | 72 |
| 4 | Oleyl alcohol, chlorodifluoroace... | 380 | C20H35ClF2O2 | 1000447-47-7 | 68 |
| 5 | Hexadecenoic acid, Z-11- | 254 | C16H30O2 | 002416-20-8 | 59 |



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Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

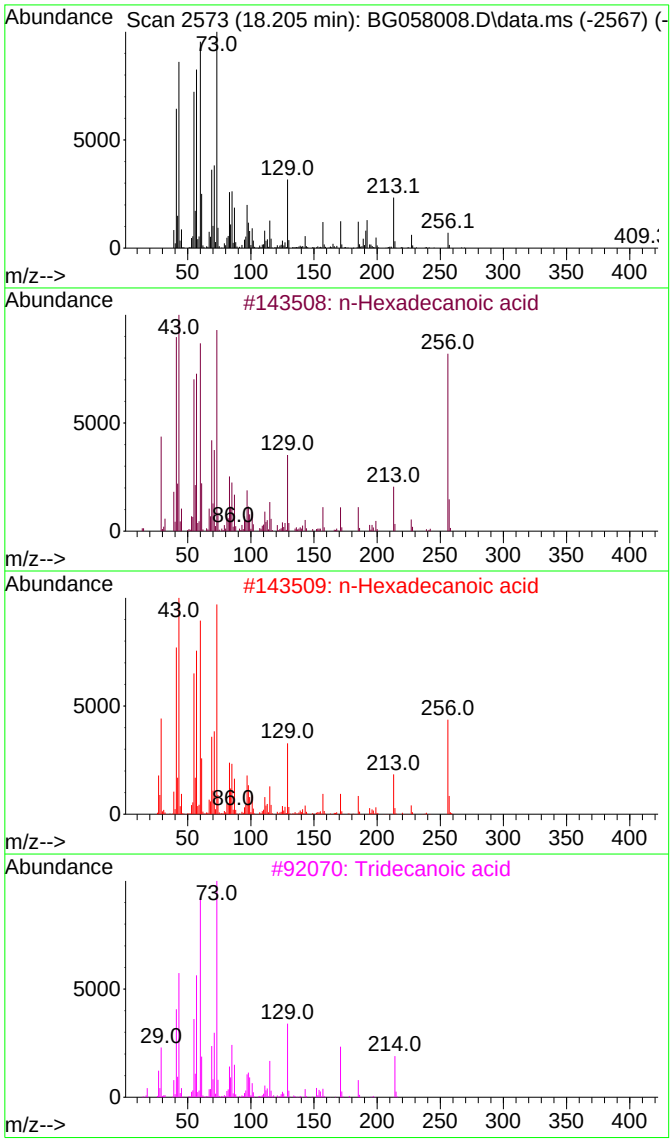
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

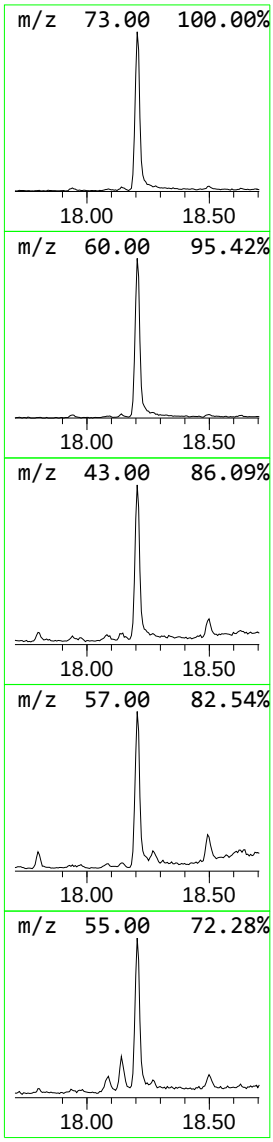
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.205 | 24.90 ng/ul | 960735 | Phenanthrene-d10 | 17.318 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 93 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 89 |



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Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

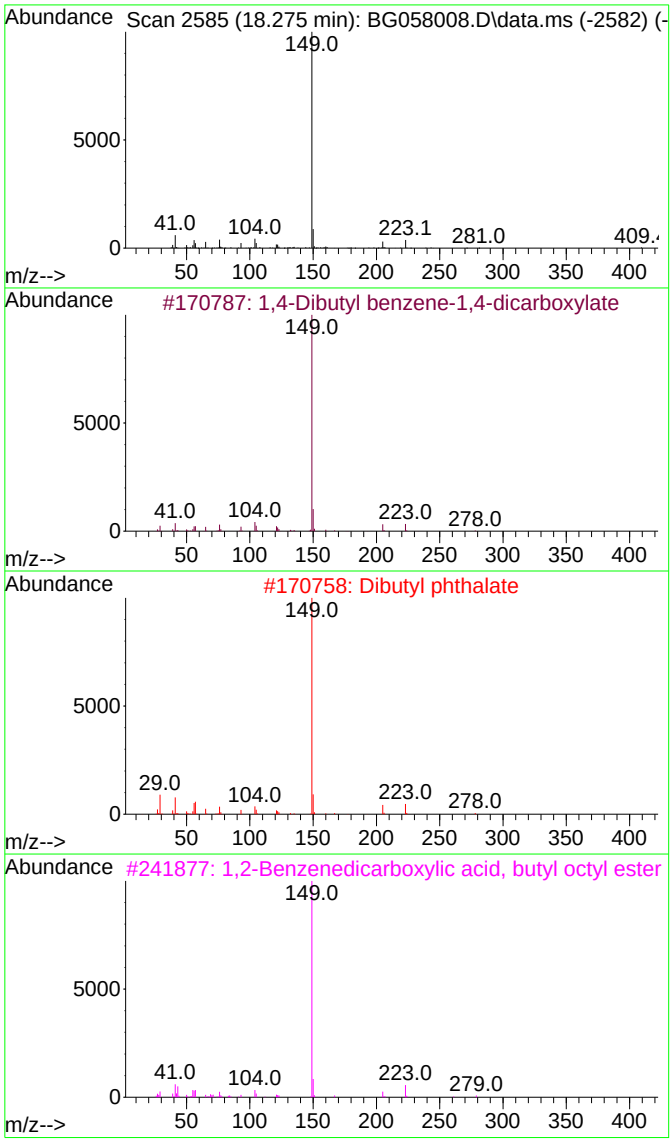
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

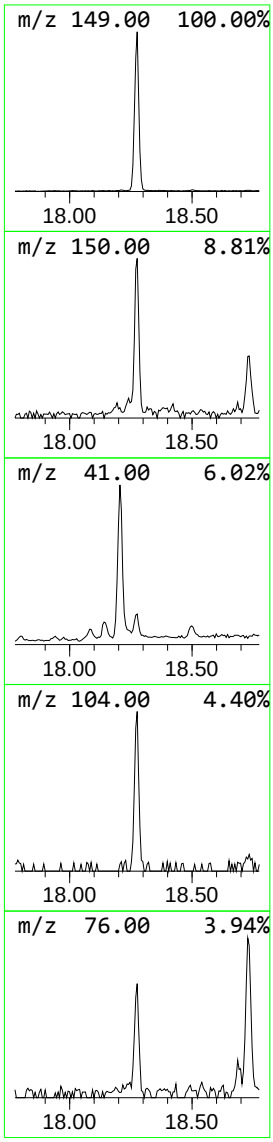
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 1,4-Dibutyl benzene-1,4-dic... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.276 | 4.15 ng/ul | 159971 | Phenanthrene-d10 | 17.318 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,4-Dibutyl benzene-1,4-dicarbox... | 278 | C16H22O4 | 001962-75-0 | 86 |
| 2 | Dibutyl phthalate | 278 | C16H22O4 | 000084-74-2 | 86 |
| 3 | 1,2-Benzenedicarboxylic acid, bu... | 334 | C20H30O4 | 000084-78-6 | 78 |
| 4 | Phthalic acid, butyl isohexyl ester | 306 | C18H26O4 | 1000309-03-6 | 78 |
| 5 | Phthalic acid, butyl 2-ethylbuty... | 306 | C18H26O4 | 1000356-89-0 | 78 |



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Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

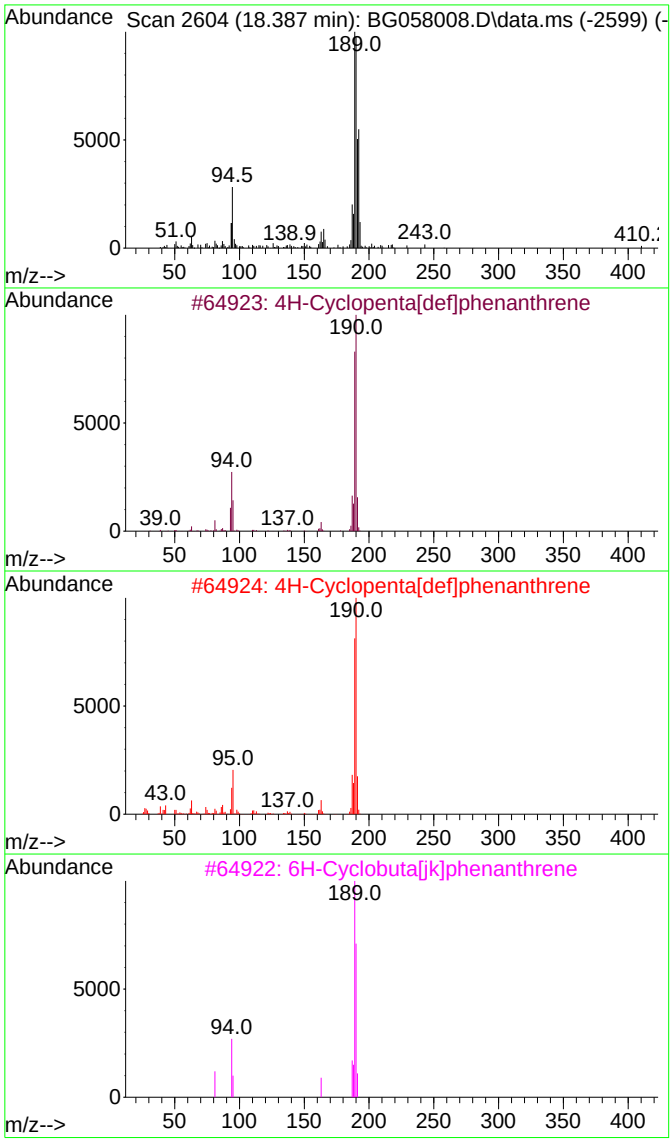
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

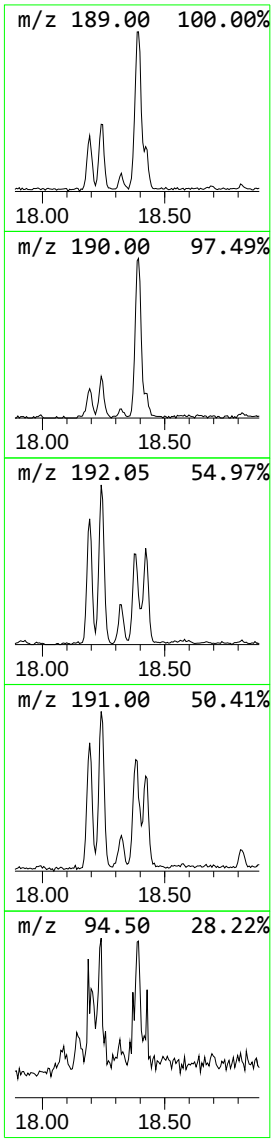
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.387 | 4.64 ng/ul | 179095 | Phenanthrene-d10 | 17.318 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 76 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 60 |
| 3 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 53 |
| 4 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 38 |
| 5 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 20 |



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Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

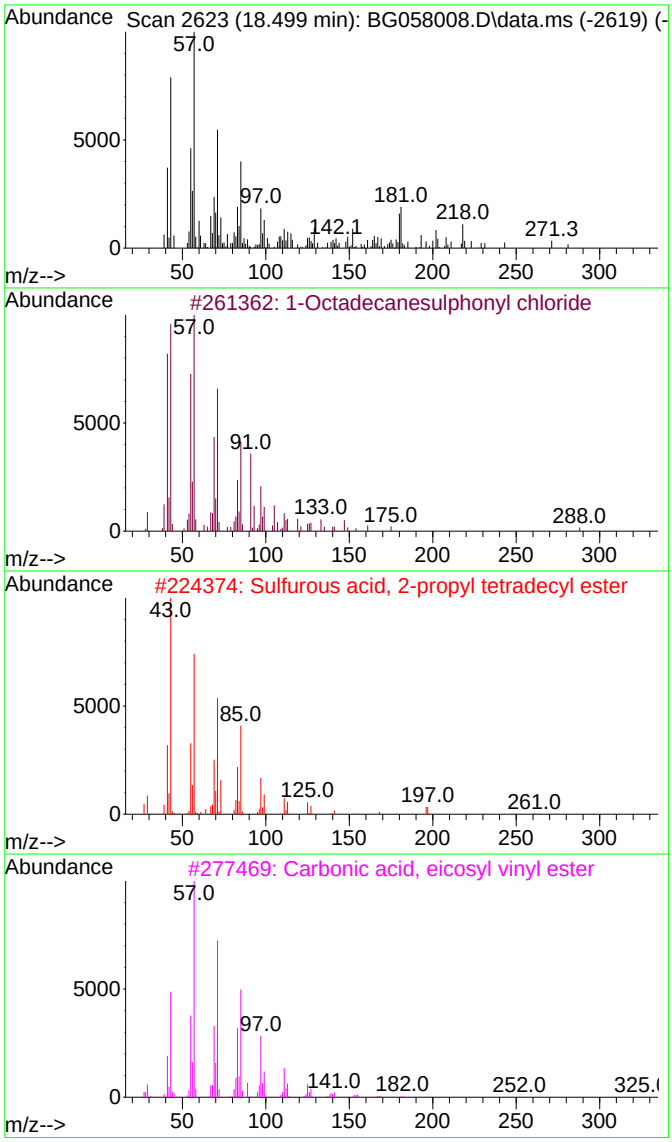
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

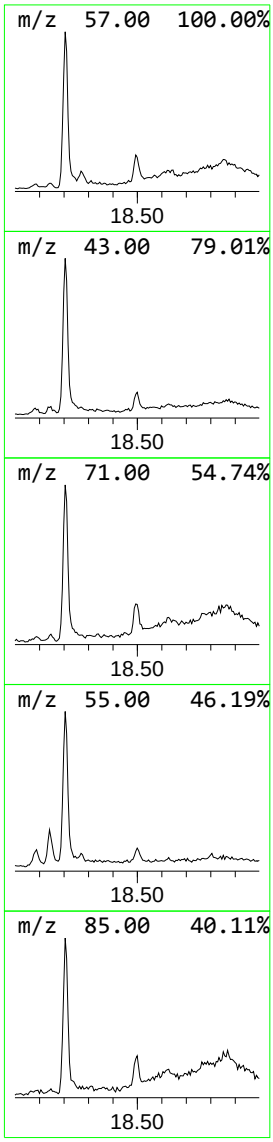
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 1-Octadecanesulphonyl chloride Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.499 | 2.57 ng/ul | 99294 | Phenanthrene-d10 | 17.318 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Octadecanesulphonyl chloride | 352 | C18H37ClO2S | 1000342-70-4 | 58 |
| 2 | Sulfurous acid, 2-propyl tetrade... | 320 | C17H36O3S | 1010309-12-5 | 58 |
| 3 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 58 |
| 4 | Decane | 142 | C10H22 | 000124-18-5 | 53 |
| 5 | Sulfurous acid, pentadecyl 2-pro... | 334 | C18H38O3S | 1000309-12-6 | 53 |



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Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

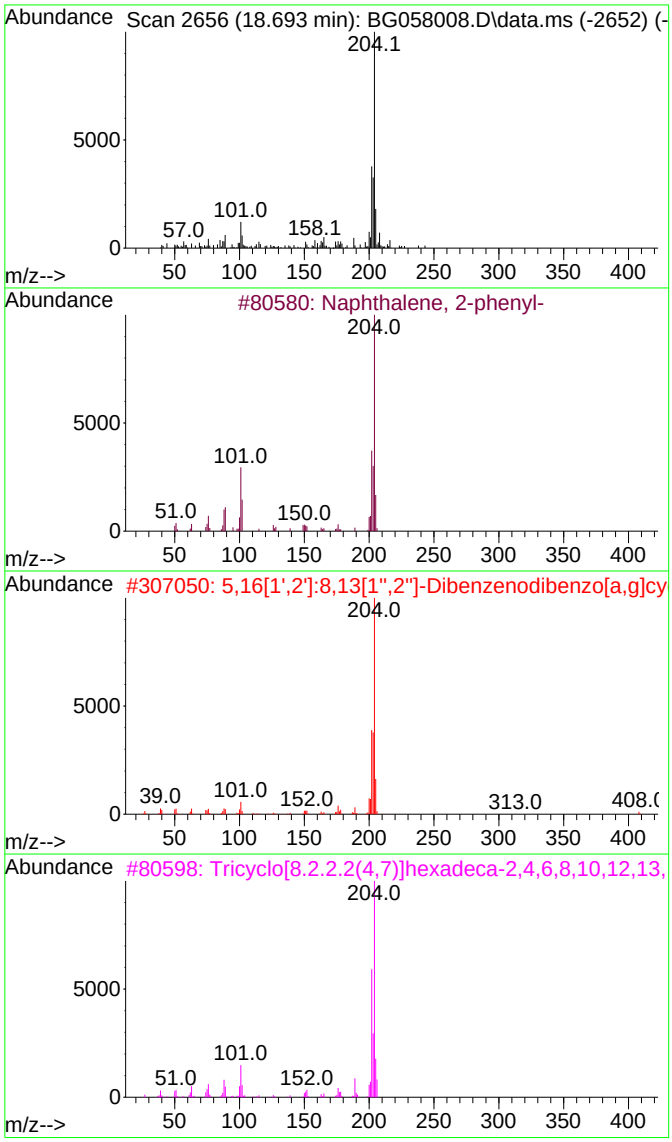
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

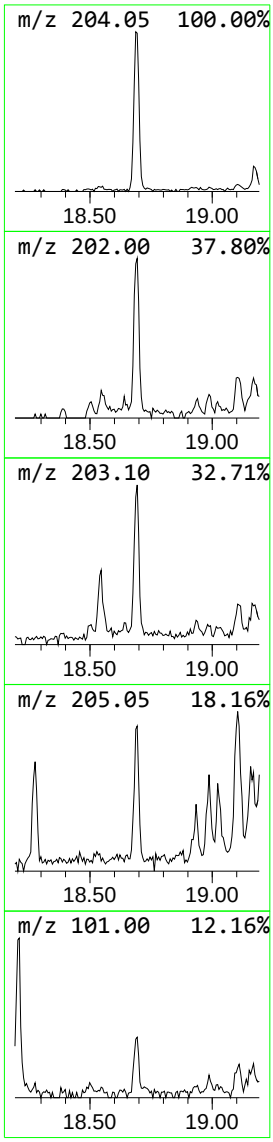
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.693 | 2.01 ng/ul | 77707 | Phenanthrene-d10 | 17.318 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 93 |
| 2 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 80 |
| 3 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 64 |
| 4 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 59 |
| 5 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 58 |



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Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

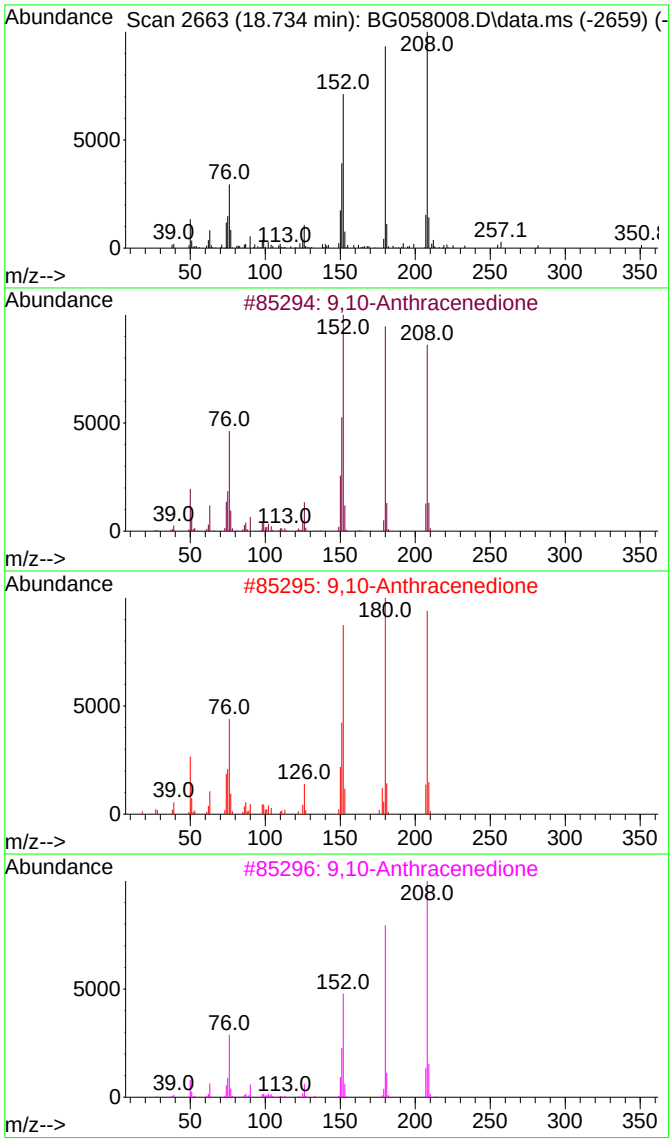
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

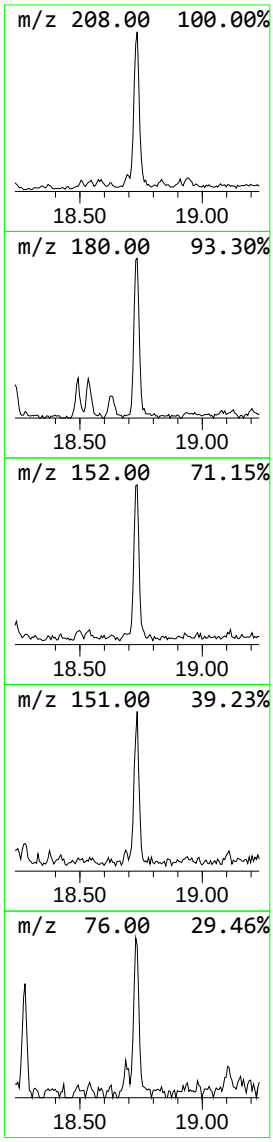
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 9,10-Anthracenedione Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.734 | 2.83 ng/ul | 109029 | Phenanthrene-d10 | 17.318 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 98 |
| 2 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 97 |
| 3 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 96 |
| 4 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 94 |
| 5 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

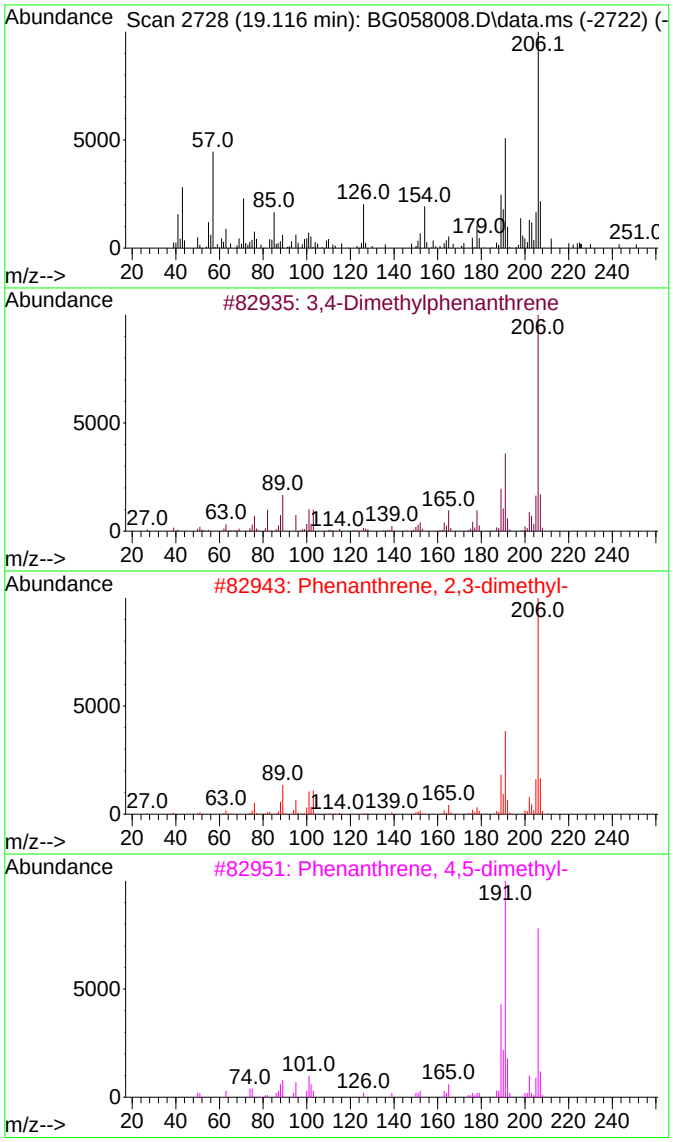
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

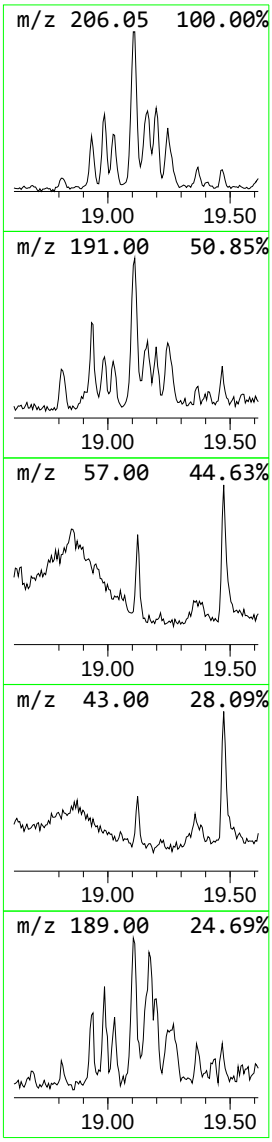
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 3,4-Dimethylphenanthrene Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.116 | 2.87 ng/ul | 110905 | Phenanthrene-d10 | 17.318 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Dimethylphenanthrene | 206 | C16H14 | 1000452-24-5 | 89 |
| 2 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 89 |
| 3 | Phenanthrene, 4,5-dimethyl- | 206 | C16H14 | 003674-69-9 | 76 |
| 4 | Phenanthrene, 4,5-dimethyl- | 206 | C16H14 | 003674-69-9 | 76 |
| 5 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

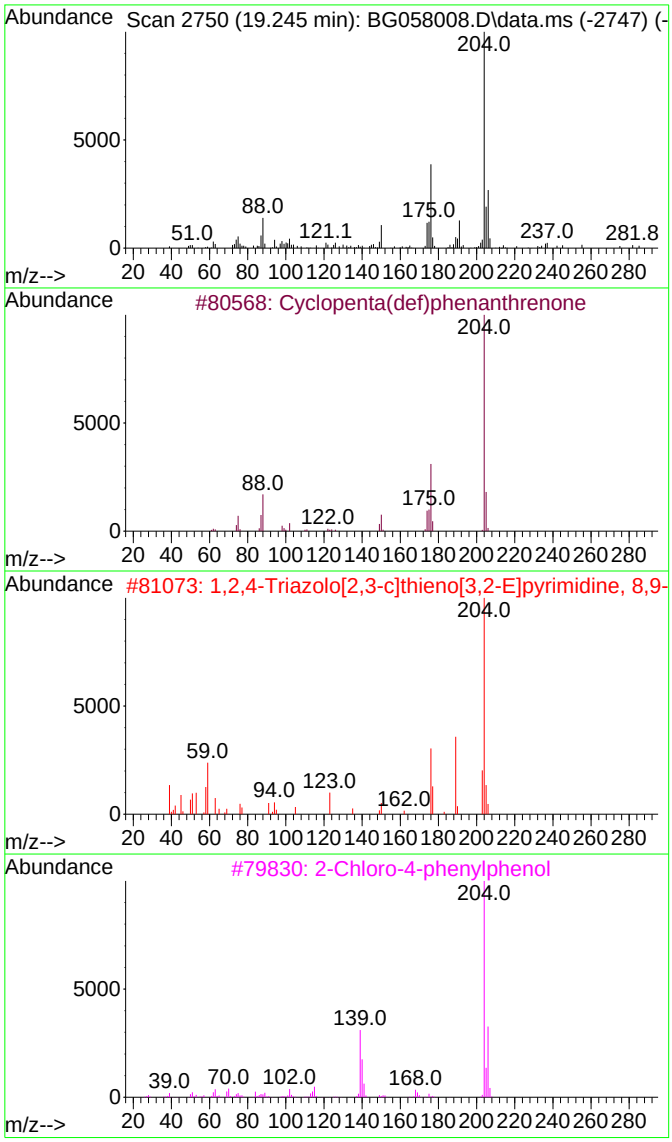
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

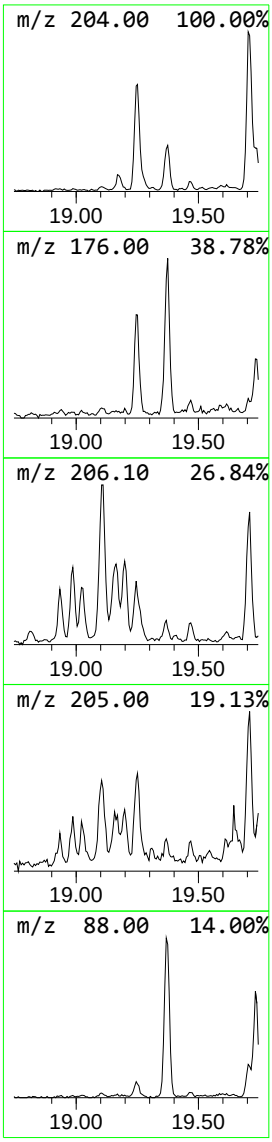
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.245 | 3.11 ng/ul | 119938 | Phenanthrene-d10 | 17.318 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 95 |
| 2 | 1,2,4-Triazolo[2,3-c]thieno[3,2-... | 204 | C9H8N4S | 113246-88-1 | 53 |
| 3 | 2-Chloro-4-phenylphenol | 204 | C12H9ClO | 000092-04-6 | 43 |
| 4 | [1,1'-Biphenyl-3-ol], 6-chloro- | 204 | C12H9ClO | 021345-13-1 | 43 |
| 5 | Pyrimidine, 4-chloro-6-(4-methyl... | 204 | C11H9ClN2 | 1000380-55-8 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

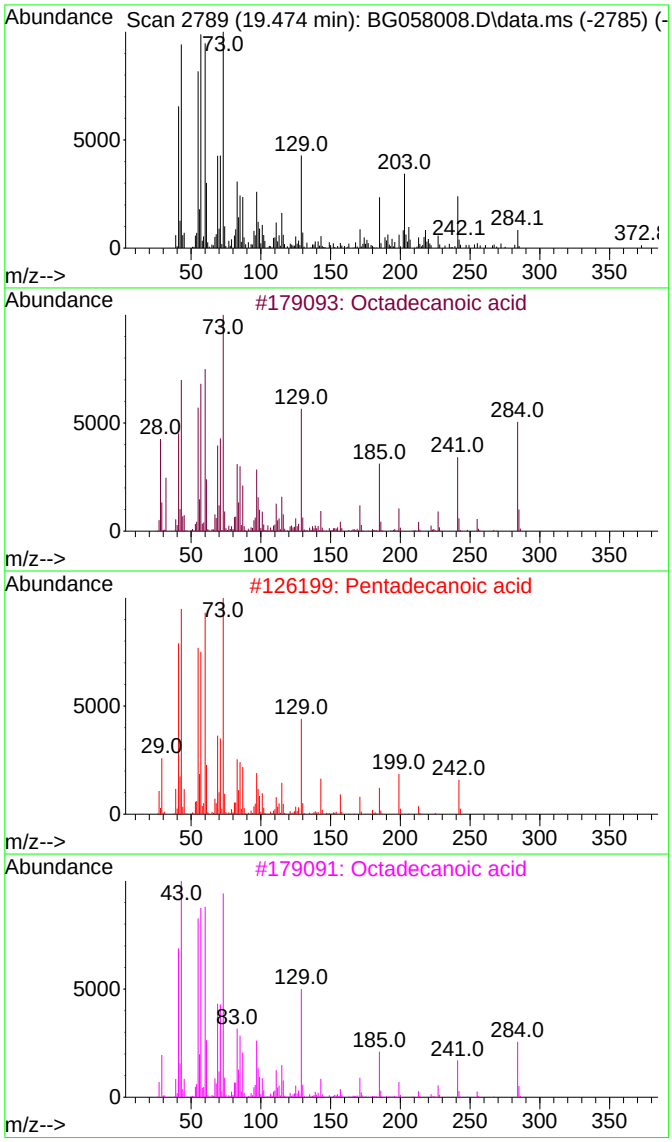
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

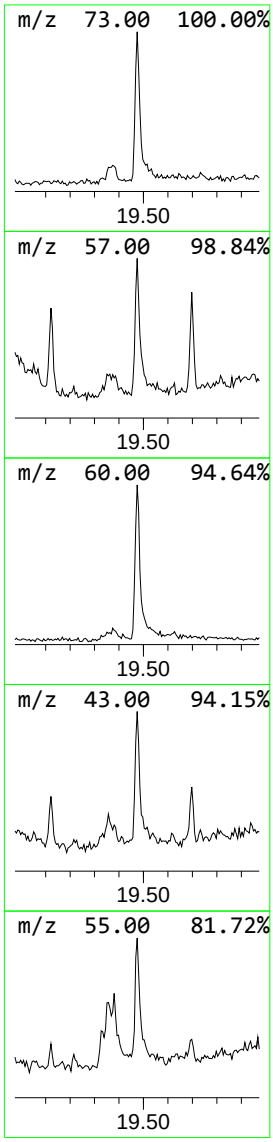
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Octadecanoic acid Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.474 | 2.50 ng/ul | 218037 | Chrysene-d12 | 21.572 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 95 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 87 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 83 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

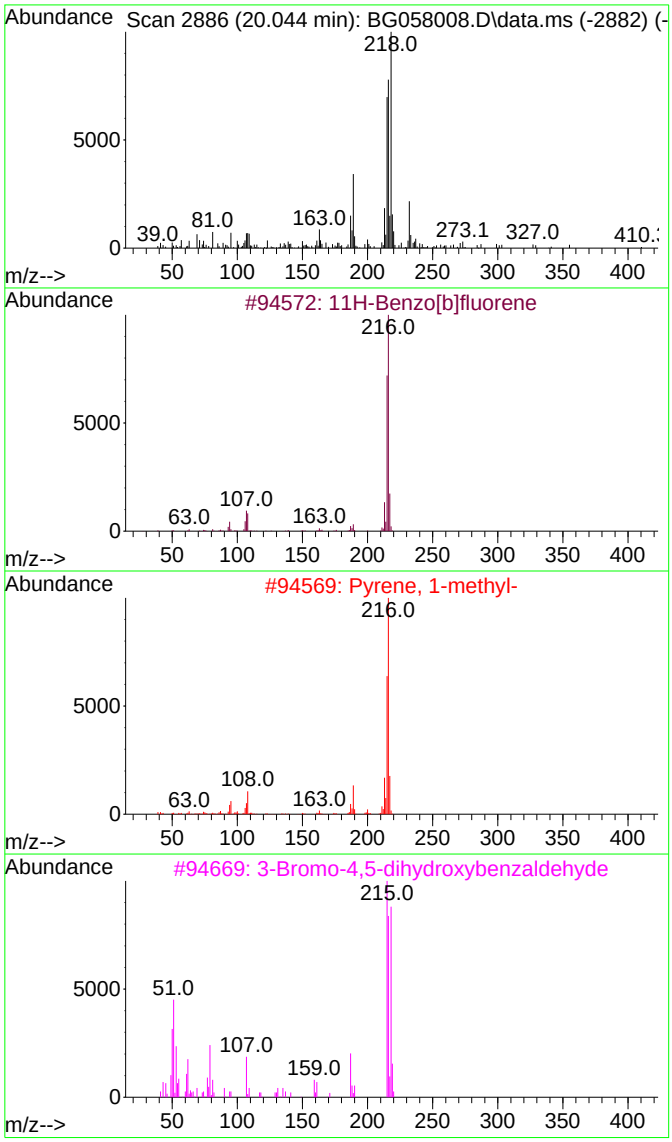
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

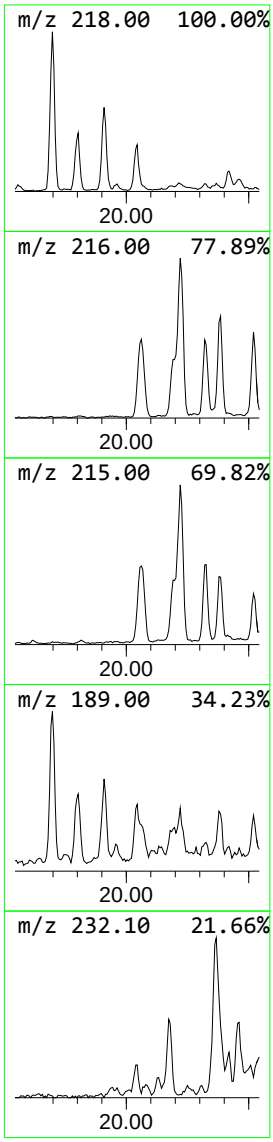
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.044 | 2.23 ng/ul | 194528 | Chrysene-d12 | 21.572 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 87 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 70 |
| 3 | 3-Bromo-4,5-dihydroxybenzaldehyde | 216 | C7H5BrO3 | 1000429-10-3 | 52 |
| 4 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 49 |
| 5 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

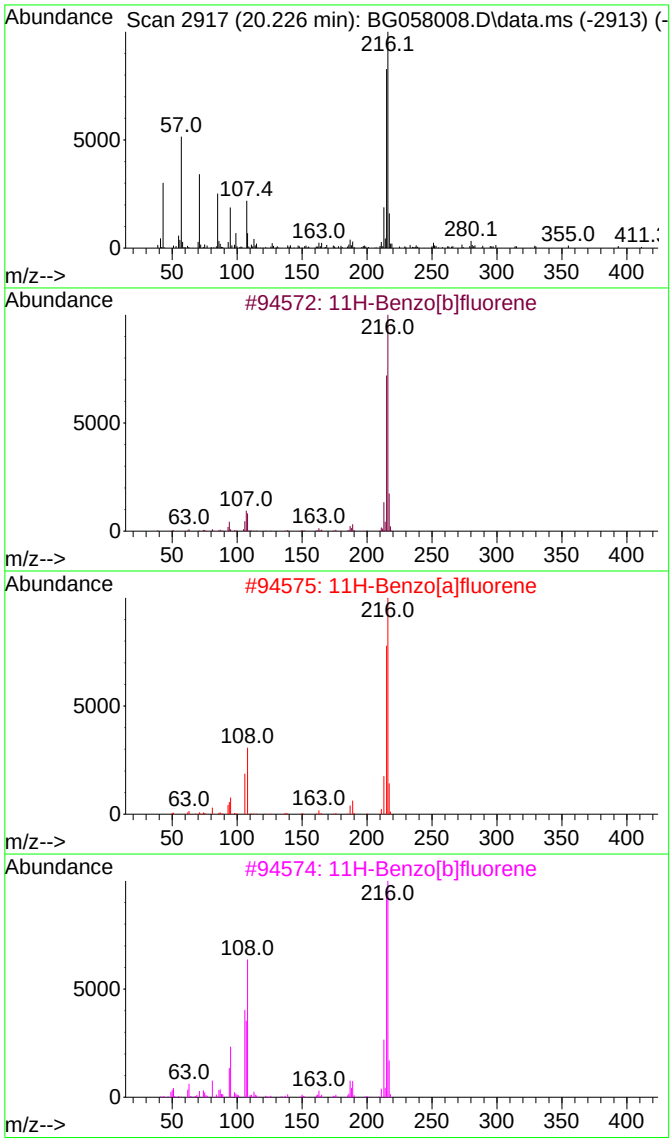
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

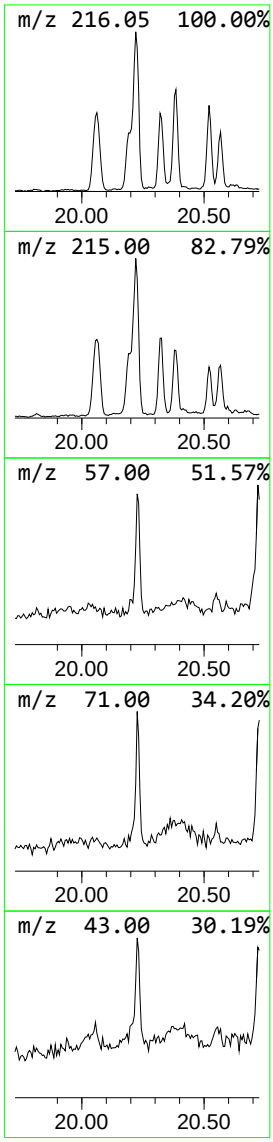
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.226 | 3.20 ng/ul | 278587 | Chrysene-d12 | 21.572 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 70 |
| 2 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 62 |
| 3 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 58 |
| 4 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 58 |
| 5 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 53 |



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Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

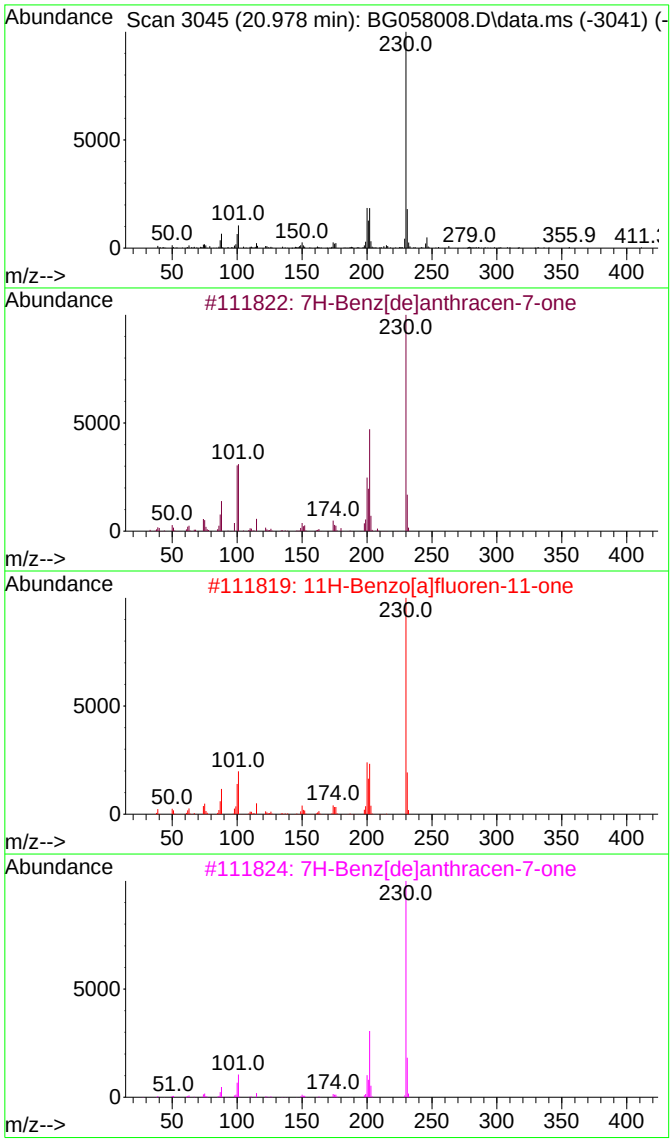
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

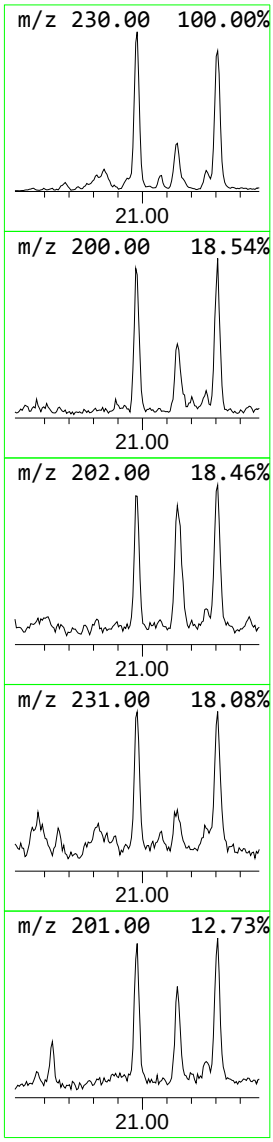
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 7H-Benz[de]anthracen-7-one Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.978 | 2.47 ng/ul | 215534 | Chrysene-d12 | 21.572 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 93 |
| 2 | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 93 |
| 3 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 91 |
| 4 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 91 |
| 5 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

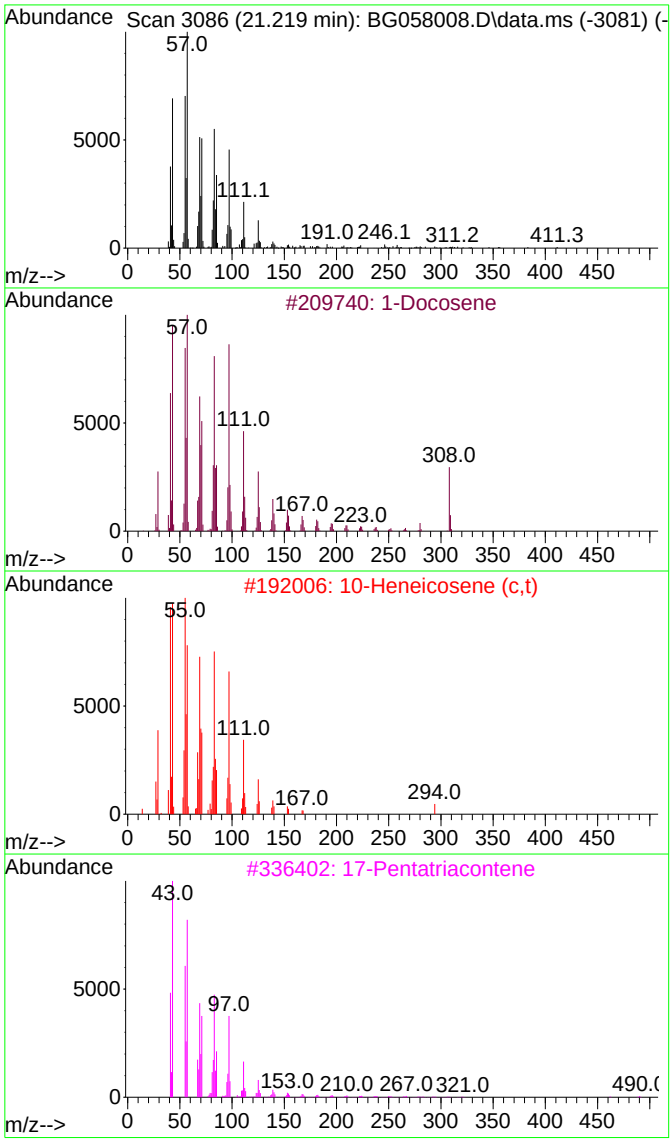
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

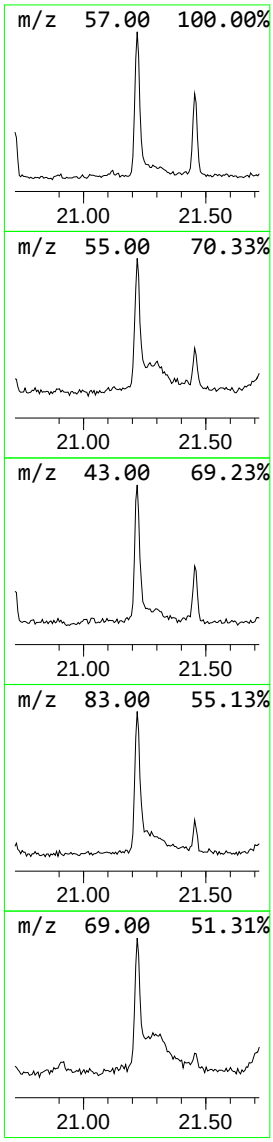
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.219 | 5.42 ng/ul | 471898 | Chrysene-d12 | 21.572 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 95 |
| 2 | 10-Heneicosene (c,t) | 294 | C21H42 | 095008-11-0 | 93 |
| 3 | 17-Pentatriacontene | 491 | C35H70 | 006971-40-0 | 91 |
| 4 | Nonadecyl trifluoroacetate | 380 | C21H39F3O2 | 1000351-76-3 | 91 |
| 5 | Octacosyl trifluoroacetate | 506 | C30H57F3O2 | 1000351-74-9 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

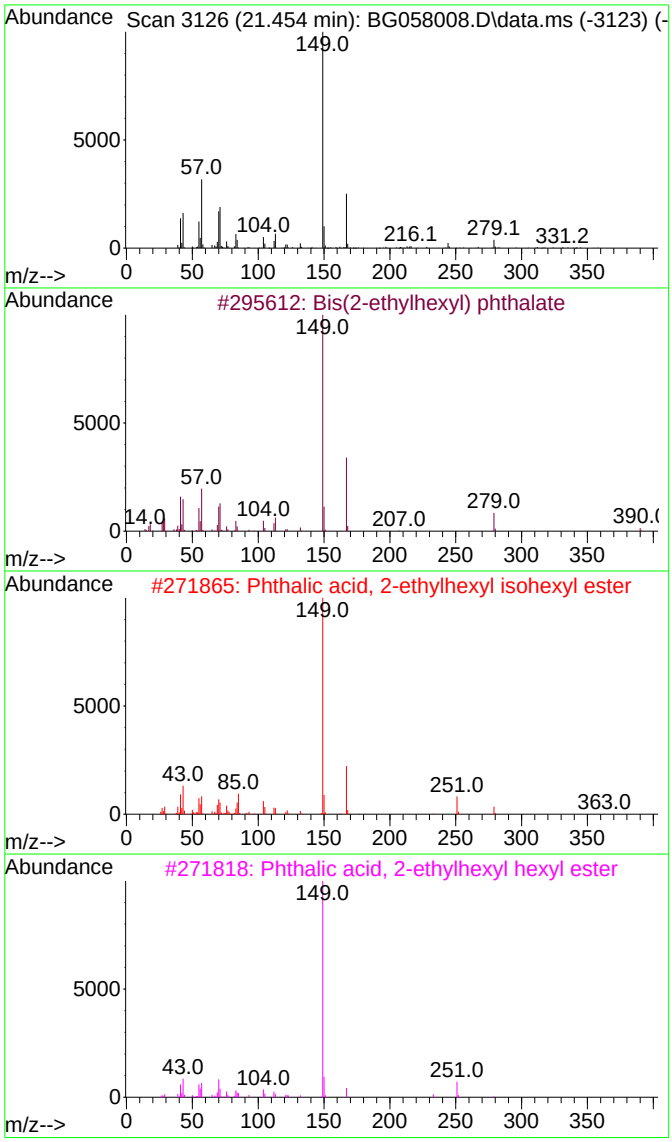
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

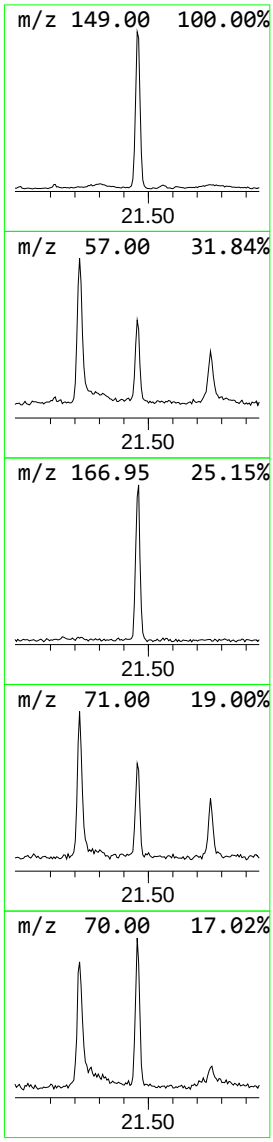
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 Bis(2-ethylhexyl) phthalate Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.454 | 3.43 ng/ul | 299024 | Chrysene-d12 | 21.572 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bis(2-ethylhexyl) phthalate | 390 | C24H38O4 | 000117-81-7 | 86 |
| 2 | Phthalic acid, 2-ethylhexyl isoh... | 362 | C22H34O4 | 1000308-98-5 | 64 |
| 3 | Phthalic acid, 2-ethylhexyl hexy... | 362 | C22H34O4 | 1000309-02-5 | 64 |
| 4 | Phthalic acid, dodecyl 2-ethylhe... | 446 | C28H46O4 | 1000309-05-0 | 64 |
| 5 | Phthalic acid, decyl 2-ethylhexy... | 418 | C26H42O4 | 1000309-00-0 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

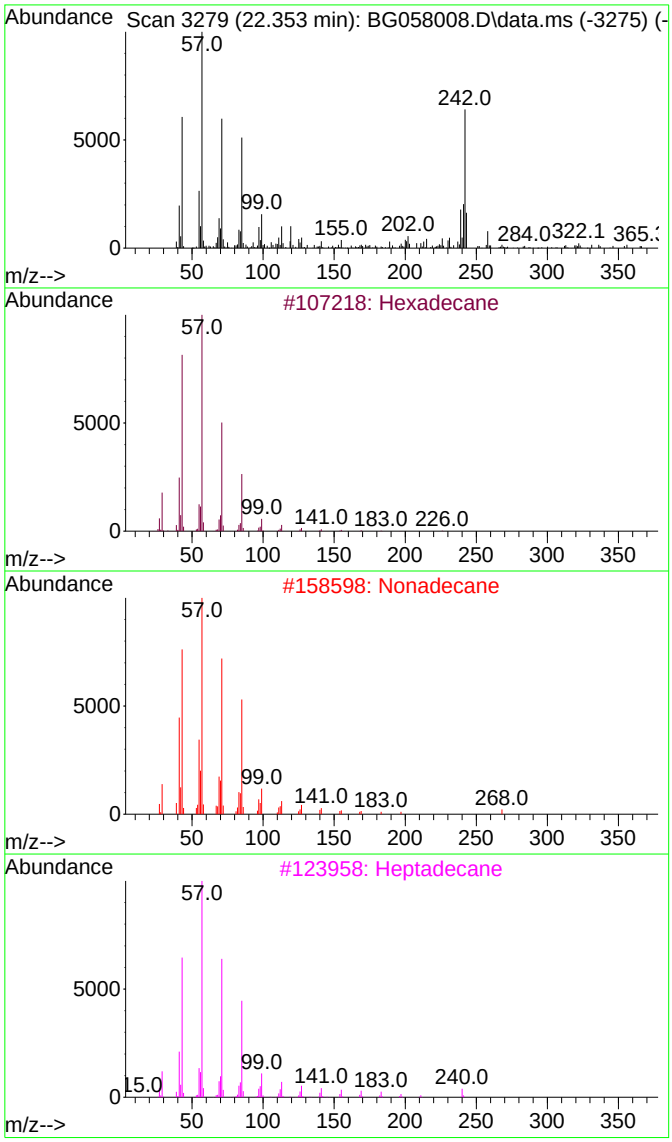
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

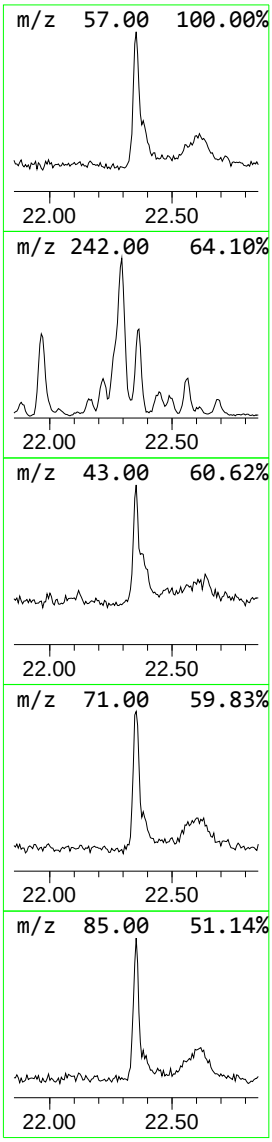
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.353 | 4.08 ng/ul | 355436 | Chrysene-d12 | 21.572 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 55 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 49 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 46 |
| 4 | Benz[a]anthracene, 7-methyl- | 242 | C19H14 | 002541-69-7 | 42 |
| 5 | Triphenylene, 2-methyl- | 242 | C19H14 | 001705-84-6 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

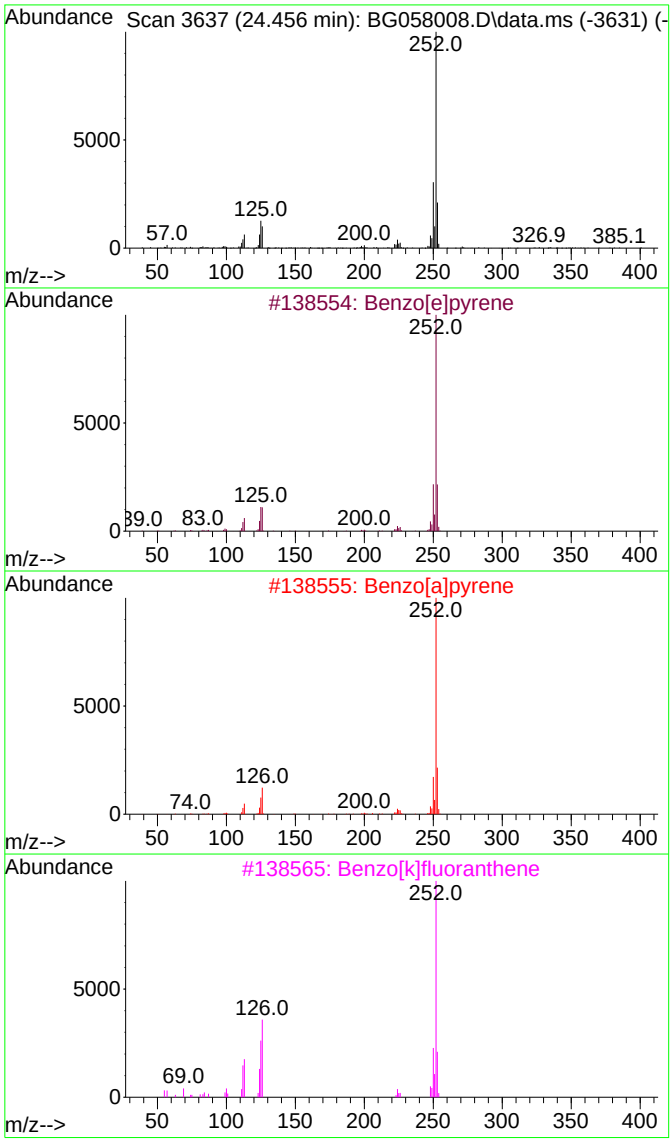
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

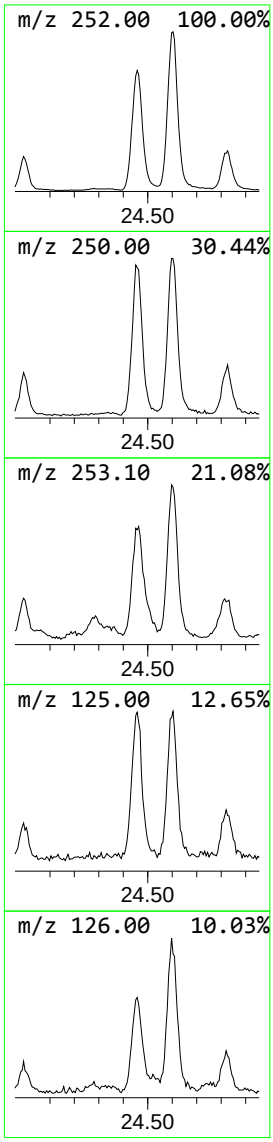
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 Benzo[e]pyrene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.456 | 12.64 ng/ul | 475127 | Perylene-d12 | 24.750 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 2 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 96 |
| 3 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 95 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 90 |
| 5 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

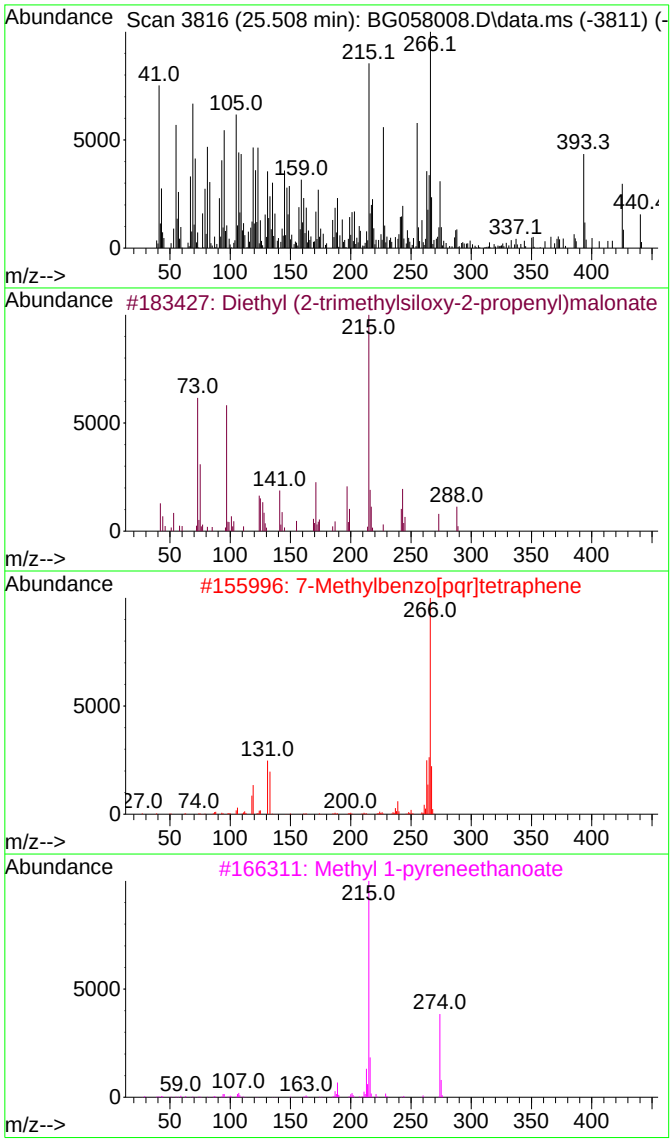
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

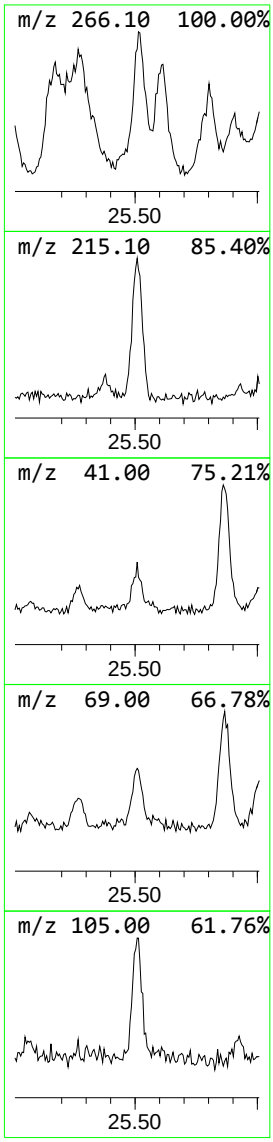
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Diethyl (2-trimethylsiloxy-... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.508 | 11.61 ng/ul | 436359 | Perylene-d12 | 24.750 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diethyl (2-trimethylsiloxy-2-pro... | 288 | C13H24O5Si | 1000427-11-5 | 53 |
| 2 | 7-Methylbenzo[pqr]tetraphene | 266 | C21H14 | 063041-77-0 | 25 |
| 3 | Methyl 1-pyreneethanoate | 274 | C19H14O2 | 073654-19-0 | 25 |
| 4 | Thiazole, 4-(4-methylphenyl)-2-p... | 266 | C16H14N2S | 093020-56-5 | 25 |
| 5 | 1,8-Diaminonaphthalene, N-(tert-... | 272 | C16H24N2Si | 1000448-80-1 | 15 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

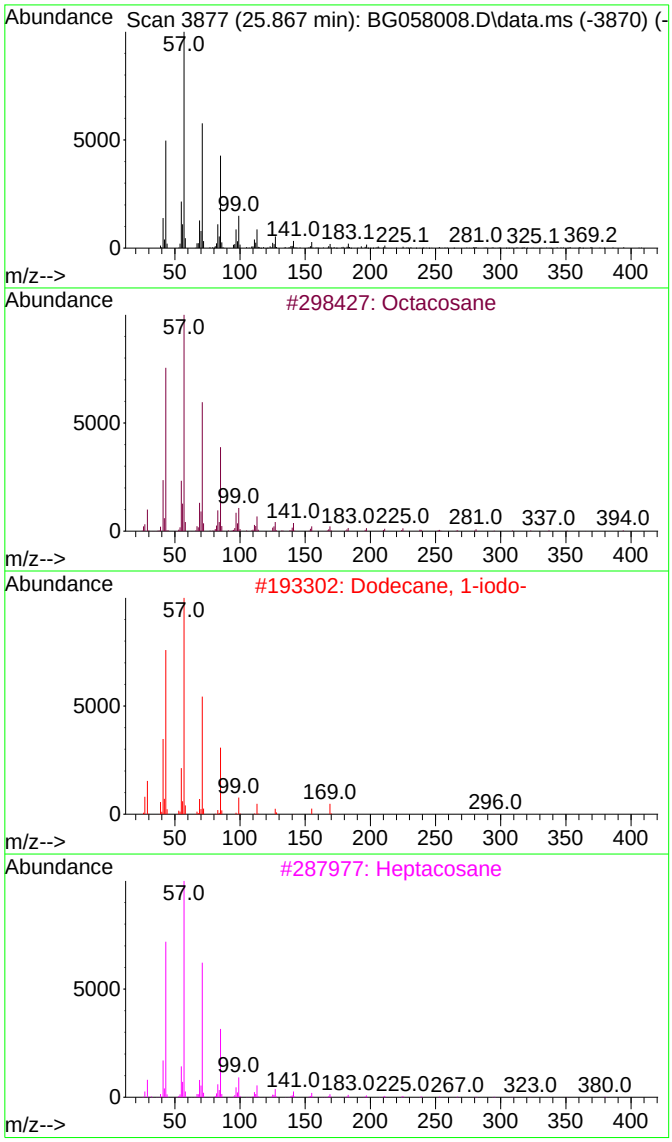
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

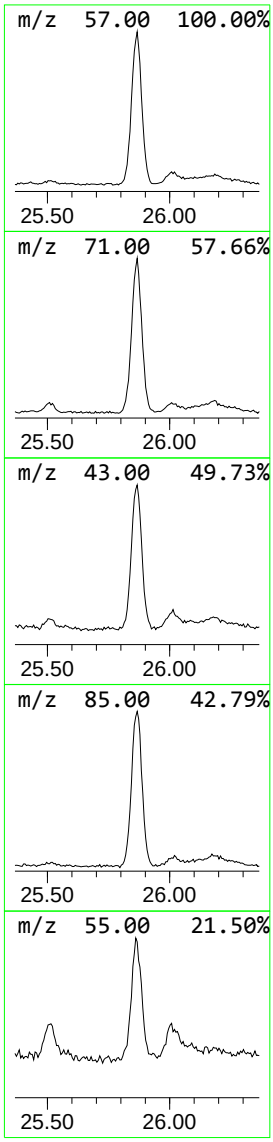
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.867 | 26.53 ng/ul | 997326 | Perylene-d12 | 24.750 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 95 |
| 2 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 91 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 5 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058008.D
Acq On : 5 Jul 2023 6:10
Operator : CG/JU
Sample : 03248-13
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DCGP1

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

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-metho... | 3.117 | 107.4 | ng/ul | 1658510 | 1 | 7.941 | 308763 | 20.0 |
| unknown-01 | 3.898 | 3.9 | ng/ul | 59772 | 1 | 7.941 | 308763 | 20.0 |
| Benzophenone | 15.925 | 10.5 | ng/ul | 352980 | 3 | 14.574 | 671385 | 20.0 |
| Tridecanoic acid | 17.200 | 3.6 | ng/ul | 138258 | 4 | 17.318 | 771611 | 20.0 |
| 5H-Indeno[1,2-b... | 17.717 | 3.7 | ng/ul | 141557 | 4 | 17.318 | 771611 | 20.0 |
| (DEL) Alkane: S... | 18.082 | 2.2 | ng/ul | 86351 | 4 | 17.318 | 771611 | 20.0 |
| Palmitoleic acid | 18.140 | 2.2 | ng/ul | 86613 | 4 | 17.318 | 771611 | 20.0 |
| n-Hexadecanoic ... | 18.205 | 24.9 | ng/ul | 960735 | 4 | 17.318 | 771611 | 20.0 |
| 1,4-Dibutyl ben... | 18.276 | 4.2 | ng/ul | 159971 | 4 | 17.318 | 771611 | 20.0 |
| 4H-Cyclopenta[d... | 18.387 | 4.6 | ng/ul | 179095 | 4 | 17.318 | 771611 | 20.0 |
| 1-Octadecanesul... | 18.499 | 2.6 | ng/ul | 99294 | 4 | 17.318 | 771611 | 20.0 |
| Naphthalene, 2-... | 18.693 | 2.0 | ng/ul | 77707 | 4 | 17.318 | 771611 | 20.0 |
| 9,10-Anthracene... | 18.734 | 2.8 | ng/ul | 109029 | 4 | 17.318 | 771611 | 20.0 |
| 3,4-Dimethylphe... | 19.116 | 2.9 | ng/ul | 110905 | 4 | 17.318 | 771611 | 20.0 |
| Cyclopenta(def)... | 19.245 | 3.1 | ng/ul | 119938 | 4 | 17.318 | 771611 | 20.0 |
| Octadecanoic acid | 19.474 | 2.5 | ng/ul | 218037 | 5 | 21.572 | 1742850 | 20.0 |
| 11H-Benzo[b]flu... | 20.044 | 2.2 | ng/ul | 194528 | 5 | 21.572 | 1742850 | 20.0 |
| 11H-Benzo[a]flu... | 20.226 | 3.2 | ng/ul | 278587 | 5 | 21.572 | 1742850 | 20.0 |
| 7H-Benz[de]anth... | 20.978 | 2.5 | ng/ul | 215534 | 5 | 21.572 | 1742850 | 20.0 |
| (DEL) Alkane: S... | 21.219 | 5.4 | ng/ul | 471898 | 5 | 21.572 | 1742850 | 20.0 |
| Bis(2-ethylhexy... | 21.454 | 3.4 | ng/ul | 299024 | 5 | 21.572 | 1742850 | 20.0 |
| (DEL) Alkane: S... | 22.353 | 4.1 | ng/ul | 355436 | 5 | 21.572 | 1742850 | 20.0 |
| Benzo[e]pyrene | 24.456 | 12.6 | ng/ul | 475127 | 6 | 24.750 | 751970 | 20.0 |
| Diethyl (2-trim... | 25.508 | 11.6 | ng/ul | 436359 | 6 | 24.750 | 751970 | 20.0 |
| (DEL) Alkane: S... | 25.867 | 26.5 | ng/ul | 997326 | 6 | 24.750 | 751970 | 20.0 |