LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049674.D
Acq On : 6 Aug 2021 12:03
Operator : CG/JU
Sample : M3124-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0094

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-BG080421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049674.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.074 | 3 | 6 | 15 | rVB3 | 72840 | 141568 | 21.35% | 1.465% |
| 2 | 3.150 | 15 | 19 | 27 | rVB | 204577 | 322676 | 48.66% | 3.339% |
| 3 | 3.426 | 63 | 66 | 73 | rBV7 | 4970 | 8821 | 1.33% | 0.091% |
| 4 | 3.855 | 135 | 139 | 147 | rBV2 | 32472 | 64291 | 9.70% | 0.665% |
| 5 | 3.955 | 152 | 156 | 164 | rVB3 | 18176 | 31004 | 4.68% | 0.321% |
| 6 | 4.084 | 176 | 178 | 182 | rVB4 | 2570 | 3005 | 0.45% | 0.031% |
| 7 | 4.184 | 192 | 195 | 197 | rBV3 | 3217 | 3395 | 0.51% | 0.035% |
| 8 | 4.401 | 228 | 232 | 239 | rVV2 | 10679 | 16658 | 2.51% | 0.172% |
| 9 | 4.519 | 250 | 252 | 256 | rVB3 | 2535 | 3169 | 0.48% | 0.033% |
| 10 | 4.742 | 287 | 290 | 296 | rVB4 | 3064 | 4867 | 0.73% | 0.050% |
| 11 | 4.824 | 300 | 304 | 307 | rBV2 | 4922 | 6085 | 0.92% | 0.063% |
| 12 | 5.118 | 351 | 354 | 357 | rBV2 | 3882 | 4368 | 0.66% | 0.045% |
| 13 | 5.212 | 366 | 370 | 372 | rBV3 | 2719 | 3467 | 0.52% | 0.036% |
| 14 | 7.198 | 701 | 708 | 716 | rVV | 93988 | 173547 | 26.17% | 1.796% |
| 15 | 7.362 | 728 | 736 | 747 | rBV | 61184 | 108209 | 16.32% | 1.120% |
| 16 | 7.568 | 765 | 771 | 782 | rBV2 | 93889 | 166375 | 25.09% | 1.722% |
| 17 | 8.043 | 845 | 852 | 859 | rBV | 95991 | 168262 | 25.37% | 1.741% |
| 18 | 8.748 | 965 | 972 | 978 | rBV | 102942 | 176600 | 26.63% | 1.827% |
| 19 | 8.872 | 989 | 993 | 998 | rVB3 | 3993 | 6150 | 0.93% | 0.064% |
| 20 | 9.212 | 1043 | 1051 | 1059 | rBV | 96631 | 179579 | 27.08% | 1.858% |
| 21 | 9.277 | 1059 | 1062 | 1064 | rVB | 2706 | 3137 | 0.47% | 0.032% |
| 22 | 9.935 | 1168 | 1174 | 1181 | rVV3 | 89118 | 166449 | 25.10% | 1.722% |
| 23 | 10.481 | 1257 | 1267 | 1276 | rVV | 126665 | 235026 | 35.44% | 2.432% |
| 24 | 10.628 | 1285 | 1292 | 1296 | rBV3 | 15860 | 28280 | 4.26% | 0.293% |
| 25 | 10.863 | 1320 | 1332 | 1338 | rBV | 132248 | 246825 | 37.22% | 2.554% |
| 26 | 10.910 | 1338 | 1340 | 1345 | rVV | 2710 | 4165 | 0.63% | 0.043% |
| 27 | 10.998 | 1348 | 1355 | 1364 | rVV2 | 70939 | 144584 | 21.80% | 1.496% |
| 28 | 12.267 | 1569 | 1571 | 1576 | rVB4 | 2695 | 3842 | 0.58% | 0.040% |
| 29 | 12.449 | 1598 | 1602 | 1607 | rVB2 | 2318 | 3686 | 0.56% | 0.038% |
| 30 | 12.526 | 1611 | 1615 | 1618 | rVB2 | 2960 | 4258 | 0.64% | 0.044% |
| 31 | 13.048 | 1699 | 1704 | 1707 | rBV2 | 1611 | 2786 | 0.42% | 0.029% |
| 32 | 13.301 | 1742 | 1747 | 1750 | rBV3 | 2487 | 4076 | 0.61% | 0.042% |
| 33 | 13.513 | 1777 | 1783 | 1788 | rVB5 | 4613 | 8739 | 1.32% | 0.090% |
| 34 | 14.000 | 1862 | 1866 | 1867 | rBV2 | 2593 | 2734 | 0.41% | 0.028% |
| 35 | 14.094 | 1873 | 1882 | 1889 | rBV | 240945 | 366552 | 55.28% | 3.793% |
| 36 | 14.165 | 1891 | 1894 | 1897 | rVB3 | 2312 | 2962 | 0.45% | 0.031% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049674.D
Acq On : 6 Aug 2021 12:03
Operator : CG/JU
Sample : M3124-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0094

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-BG080421.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.241 | 1904 | 1907 | 1910 | rBV3 | 1792 | 2822 | 0.43% | 0.029% |
| 38 | 14.388 | 1924 | 1932 | 1943 | rBV | 251247 | 406113 | 61.24% | 4.202% |
| 39 | 14.582 | 1959 | 1965 | 1969 | rVB4 | 4561 | 7240 | 1.09% | 0.075% |
| 40 | 14.693 | 1976 | 1984 | 1991 | rVB | 208721 | 328411 | 49.53% | 3.398% |
| 41 | 14.758 | 1991 | 1995 | 1998 | rBV3 | 1979 | 2757 | 0.42% | 0.029% |
| 42 | 14.893 | 2009 | 2018 | 2030 | rBV | 87390 | 166547 | 25.12% | 1.723% |
| 43 | 15.046 | 2040 | 2044 | 2048 | rBV4 | 4203 | 6370 | 0.96% | 0.066% |
| 44 | 15.093 | 2048 | 2052 | 2058 | rVB3 | 8202 | 10879 | 1.64% | 0.113% |
| 45 | 15.310 | 2084 | 2089 | 2092 | rBV2 | 2577 | 3695 | 0.56% | 0.038% |
| 46 | 15.480 | 2113 | 2118 | 2122 | rBV2 | 6939 | 10365 | 1.56% | 0.107% |
| 47 | 15.522 | 2124 | 2125 | 2130 | rVB2 | 5668 | 5897 | 0.89% | 0.061% |
| 48 | 15.686 | 2144 | 2153 | 2159 | rBV | 337546 | 500500 | 75.48% | 5.179% |
| 49 | 15.739 | 2159 | 2162 | 2167 | rVB3 | 8365 | 12789 | 1.93% | 0.132% |
| 50 | 15.804 | 2167 | 2173 | 2182 | rBV | 109061 | 163101 | 24.60% | 1.688% |
| 51 | 15.927 | 2190 | 2194 | 2197 | rBV4 | 4758 | 7118 | 1.07% | 0.074% |
| 52 | 16.039 | 2208 | 2213 | 2216 | rVB2 | 4349 | 5313 | 0.80% | 0.055% |
| 53 | 16.185 | 2235 | 2238 | 2244 | rVB5 | 3583 | 5703 | 0.86% | 0.059% |
| 54 | 16.268 | 2250 | 2252 | 2257 | rBV2 | 2323 | 3321 | 0.50% | 0.034% |
| 55 | 16.356 | 2263 | 2267 | 2270 | rVV2 | 2520 | 3056 | 0.46% | 0.032% |
| 56 | 16.391 | 2270 | 2273 | 2283 | rVB5 | 7485 | 17816 | 2.69% | 0.184% |
| 57 | 16.638 | 2312 | 2315 | 2318 | rBV2 | 5689 | 7359 | 1.11% | 0.076% |
| 58 | 16.755 | 2333 | 2335 | 2339 | rVB4 | 3600 | 2756 | 0.42% | 0.029% |
| 59 | 16.796 | 2339 | 2342 | 2346 | rBV3 | 2706 | 3369 | 0.51% | 0.035% |
| 60 | 16.978 | 2367 | 2373 | 2376 | rBV5 | 6900 | 11421 | 1.72% | 0.118% |
| 61 | 17.020 | 2377 | 2380 | 2381 | rVV2 | 3910 | 4159 | 0.63% | 0.043% |
| 62 | 17.102 | 2388 | 2394 | 2398 | rBV | 9650 | 15637 | 2.36% | 0.162% |
| 63 | 17.184 | 2404 | 2408 | 2413 | rVB4 | 8510 | 13054 | 1.97% | 0.135% |
| 64 | 17.266 | 2419 | 2422 | 2426 | rVB | 4847 | 7081 | 1.07% | 0.073% |
| 65 | 17.443 | 2446 | 2452 | 2457 | rBV | 242661 | 390257 | 58.85% | 4.038% |
| 66 | 17.484 | 2457 | 2459 | 2464 | rVV | 103719 | 145247 | 21.90% | 1.503% |
| 67 | 17.542 | 2464 | 2469 | 2480 | rVB | 346206 | 542266 | 81.78% | 5.611% |
| 68 | 17.636 | 2482 | 2485 | 2488 | rVV5 | 3745 | 4722 | 0.71% | 0.049% |
| 69 | 17.754 | 2503 | 2505 | 2508 | rVV3 | 3994 | 3569 | 0.54% | 0.037% |
| 70 | 17.848 | 2516 | 2521 | 2526 | rBV2 | 11173 | 20429 | 3.08% | 0.211% |
| 71 | 17.930 | 2532 | 2535 | 2538 | rVB2 | 6589 | 7444 | 1.12% | 0.077% |
| 72 | 17.965 | 2538 | 2541 | 2544 | rBV4 | 4217 | 4604 | 0.69% | 0.048% |
| 73 | 18.048 | 2553 | 2555 | 2558 | rVB3 | 3356 | 3307 | 0.50% | 0.034% |
| 74 | 18.100 | 2560 | 2564 | 2566 | rBV2 | 8144 | 7860 | 1.19% | 0.081% |
| 75 | 18.206 | 2580 | 2582 | 2586 | rBV5 | 3580 | 5196 | 0.78% | 0.054% |
| 76 | 18.324 | 2598 | 2602 | 2606 | rBV3 | 34491 | 49615 | 7.48% | 0.513% |

LSC Area Percent Report

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Data File : BG049674.D
Acq On : 6 Aug 2021 12:03
Operator : CG/JU
Sample : M3124-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0094

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-BG080421.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 18.371 | 2606 | 2610 | 2618 | rVB3 | 25188 | 39959 | 6.03% | 0.413% |
| 78 | 18.447 | 2621 | 2623 | 2628 | rVB5 | 6826 | 8277 | 1.25% | 0.086% |
| 79 | 18.518 | 2630 | 2635 | 2638 | rVV3 | 25342 | 41384 | 6.24% | 0.428% |
| 80 | 18.553 | 2638 | 2641 | 2646 | rVB3 | 12352 | 19956 | 3.01% | 0.207% |
| 81 | 18.623 | 2649 | 2653 | 2657 | rVB6 | 6833 | 10840 | 1.63% | 0.112% |
| 82 | 18.817 | 2682 | 2686 | 2689 | rBV2 | 20157 | 23937 | 3.61% | 0.248% |
| 83 | 18.858 | 2689 | 2693 | 2698 | rVB3 | 29022 | 41216 | 6.22% | 0.427% |
| 84 | 19.070 | 2725 | 2729 | 2731 | rVB5 | 5142 | 5641 | 0.85% | 0.058% |
| 85 | 19.234 | 2753 | 2757 | 2762 | rBV6 | 15477 | 27171 | 4.10% | 0.281% |
| 86 | 19.375 | 2778 | 2781 | 2790 | rVB8 | 13293 | 30776 | 4.64% | 0.318% |
| 87 | 19.499 | 2796 | 2802 | 2808 | rVB | 325243 | 475350 | 71.68% | 4.919% |
| 88 | 19.598 | 2815 | 2819 | 2824 | rBV7 | 11471 | 18113 | 2.73% | 0.187% |
| 89 | 19.833 | 2853 | 2859 | 2862 | rBV | 395885 | 663113 | 100.00% | 6.862% |
| 90 | 20.033 | 2891 | 2893 | 2897 | rVB3 | 14278 | 19971 | 3.01% | 0.207% |
| 91 | 20.350 | 2944 | 2947 | 2951 | rVB2 | 43349 | 56060 | 8.45% | 0.580% |
| 92 | 20.444 | 2961 | 2963 | 2967 | rVB | 21436 | 24225 | 3.65% | 0.251% |
| 93 | 21.120 | 3074 | 3078 | 3083 | rVB2 | 29040 | 42266 | 6.37% | 0.437% |
| 94 | 21.349 | 3114 | 3117 | 3121 | rBV5 | 25380 | 32358 | 4.88% | 0.335% |
| 95 | 21.602 | 3155 | 3160 | 3166 | rVB | 438597 | 609465 | 91.91% | 6.307% |
| 96 | 21.725 | 3173 | 3181 | 3186 | rBV2 | 246873 | 595052 | 89.74% | 6.158% |
| 97 | 21.772 | 3186 | 3189 | 3197 | rVB | 123554 | 203392 | 30.67% | 2.105% |
| 98 | 23.963 | 3555 | 3562 | 3570 | rBV | 88993 | 281733 | 42.49% | 2.915% |
| 99 | 24.774 | 3694 | 3700 | 3707 | rBV2 | 117584 | 298637 | 45.04% | 3.090% |
| 100 | 25.009 | 3731 | 3740 | 3749 | rBV2 | 126016 | 355431 | 53.60% | 3.678% |

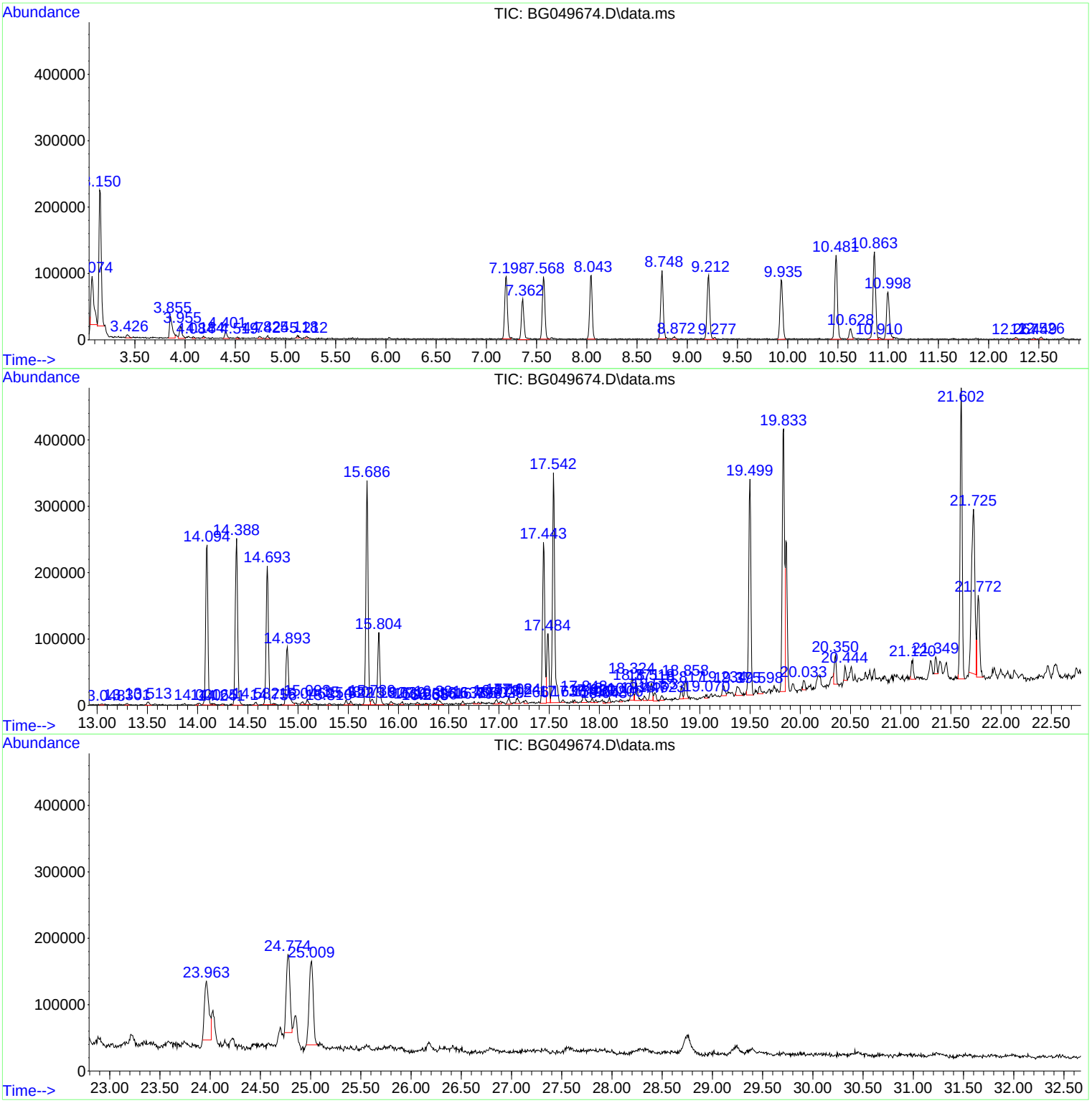
Sum of corrected areas: 9663685

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049674.D
Acq On : 6 Aug 2021 12:03
Operator : CG/JU
Sample : M3124-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0094

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049674.D
Acq On : 6 Aug 2021 12:03
Operator : CG/JU
Sample : M3124-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0094

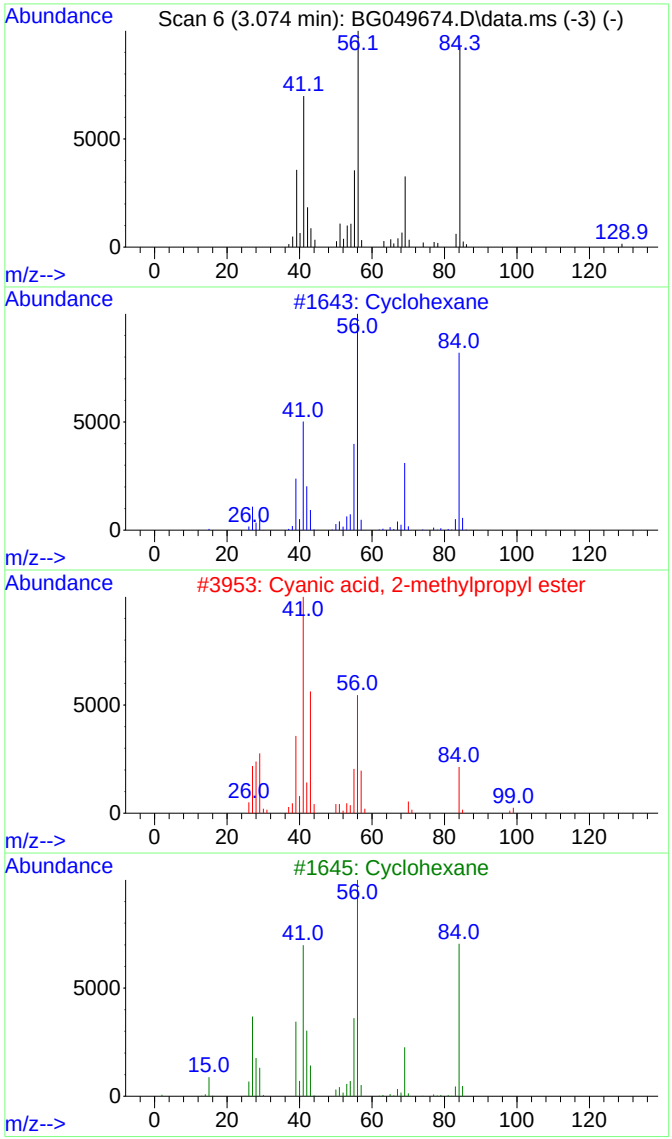
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

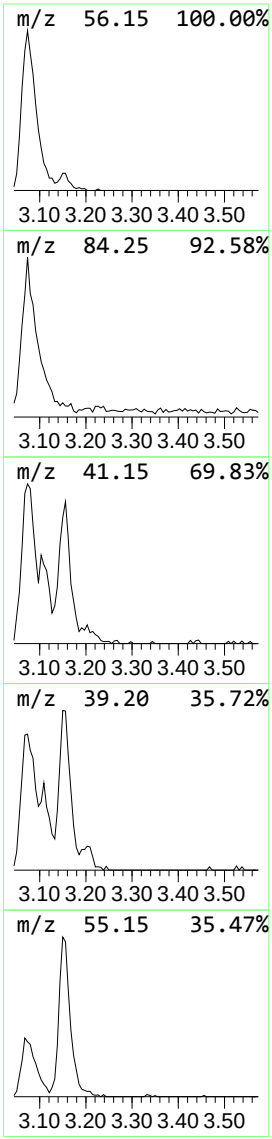
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 (DEL) Alkane: Cyclic3.074 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.074 | 16.83 ng/ul | 141568 | 1,4-Dichlorobenzene-d4 | 8.043 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 91 |
| 2 | Cyanic acid, 2-methylpropyl ester | 99 | C5H9NO | 001768-25-8 | 83 |
| 3 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 78 |
| 4 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 72 |
| 5 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049674.D
Acq On : 6 Aug 2021 12:03
Operator : CG/JU
Sample : M3124-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0094

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

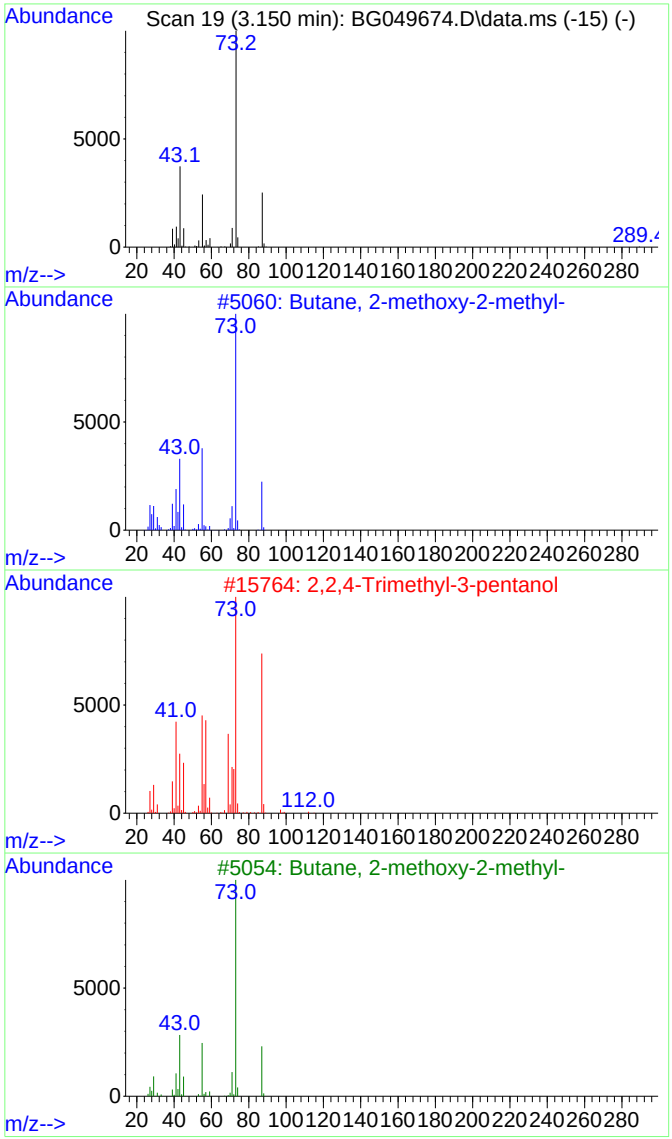
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

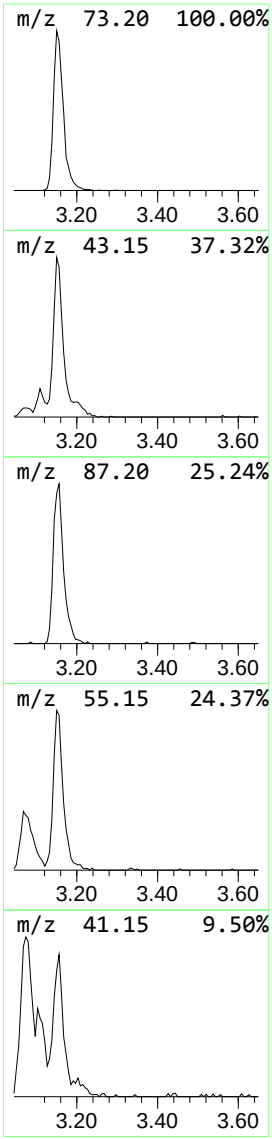
**********

Peak Number 2 unknown-01 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.150 | 38.35 ng/ul | 322676 | 1,4-Dichlorobenzene-d4 | 8.043 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 43 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 3 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 38 |
| 4 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 9 |
| 5 | 2-Methyl-5-hexen-3-ol | 114 | C7H14O | 032815-70-6 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049674.D
Acq On : 6 Aug 2021 12:03
Operator : CG/JU
Sample : M3124-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0094

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

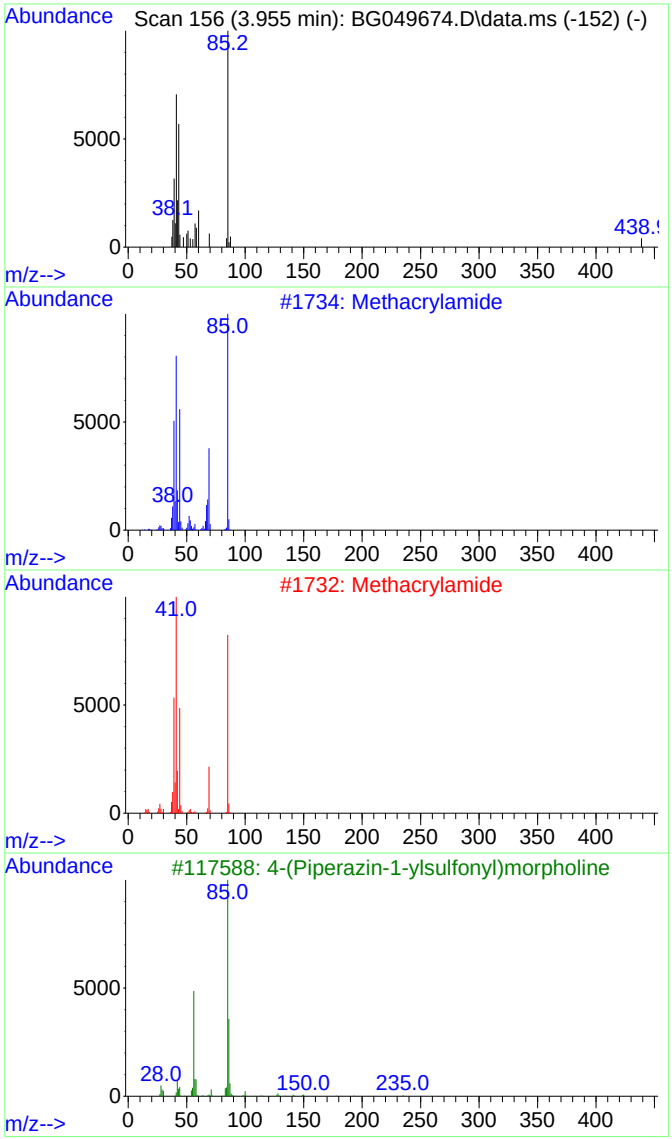
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

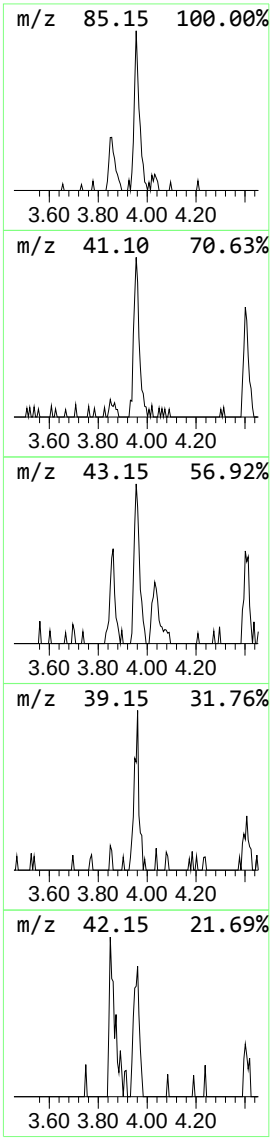
**********

Peak Number 3 unknown-02 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.955 | 3.69 ng/ul | 31004 | 1,4-Dichlorobenzene-d4 | 8.043 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methacrylamide | 85 | C4H7NO | 000079-39-0 | 45 |
| 2 | Methacrylamide | 85 | C4H7NO | 000079-39-0 | 40 |
| 3 | 4-(Piperazin-1-ylsulfonyl)morpho... | 235 | C8H17N3O3S | 005625-93-4 | 40 |
| 4 | Methacrylamide | 85 | C4H7NO | 000079-39-0 | 40 |
| 5 | N,N'-Diacetylethylenediamine | 144 | C6H12N2O2 | 000871-78-3 | 39 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049674.D
Acq On : 6 Aug 2021 12:03
Operator : CG/JU
Sample : M3124-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0094

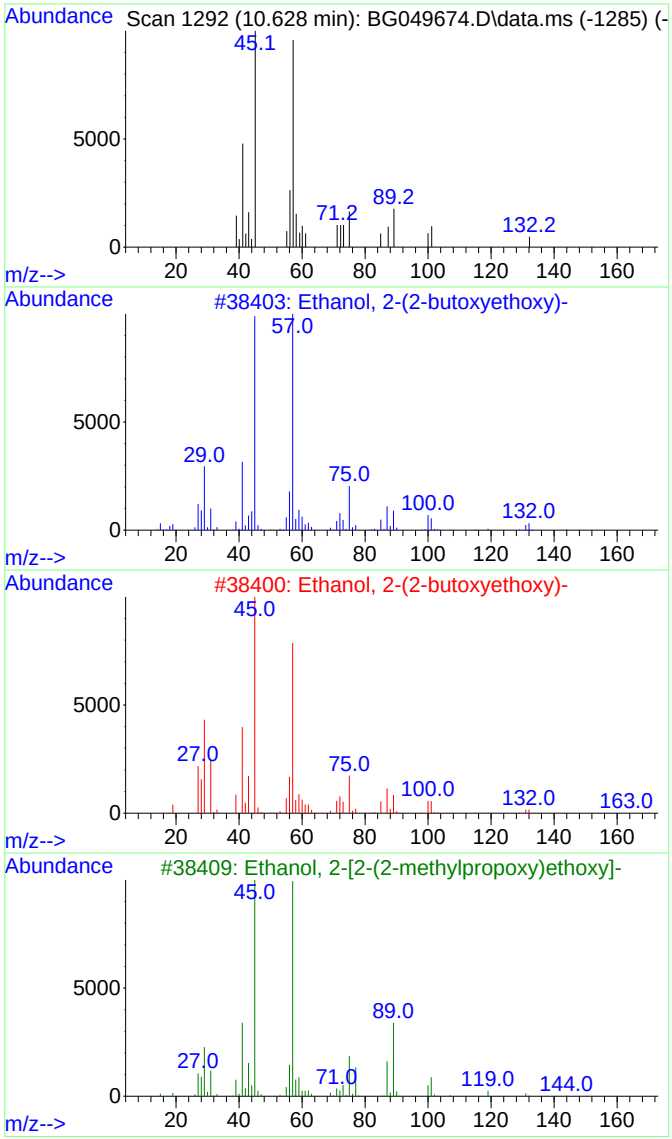
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

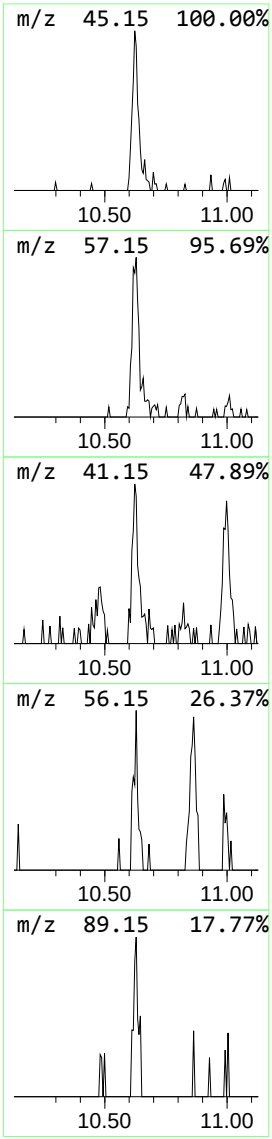
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.628 | 2.29 ng/ul | 28280 | Naphthalene-d8 | 10.863 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 64 |
| 2 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 59 |
| 3 | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 59 |
| 4 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 59 |
| 5 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049674.D
Acq On : 6 Aug 2021 12:03
Operator : CG/JU
Sample : M3124-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0094

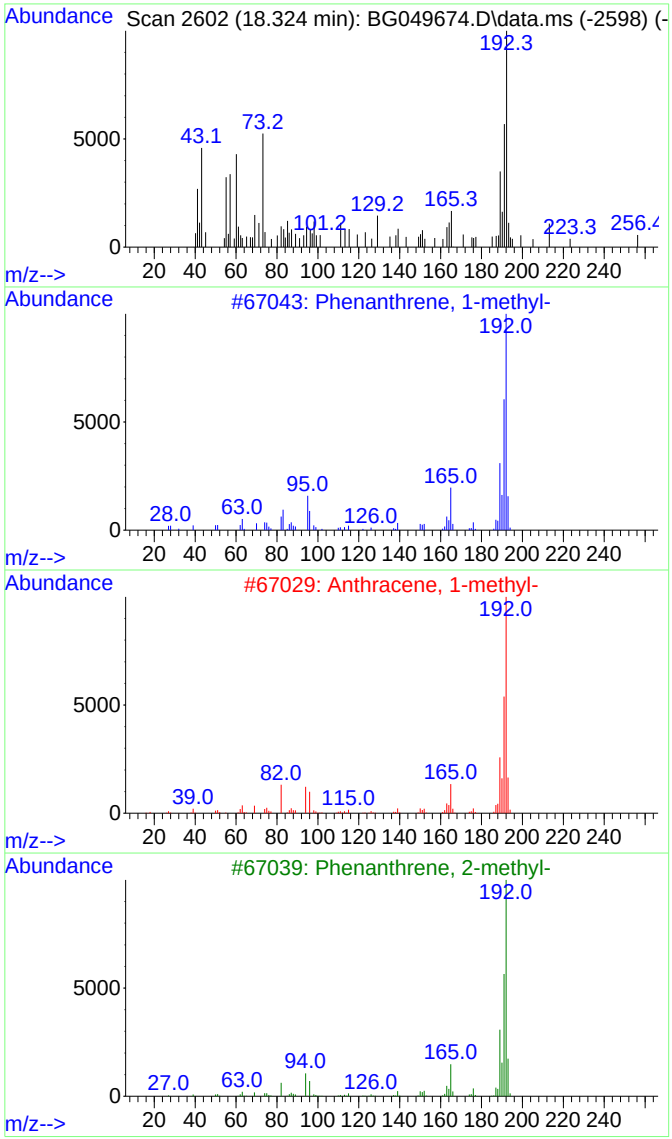
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

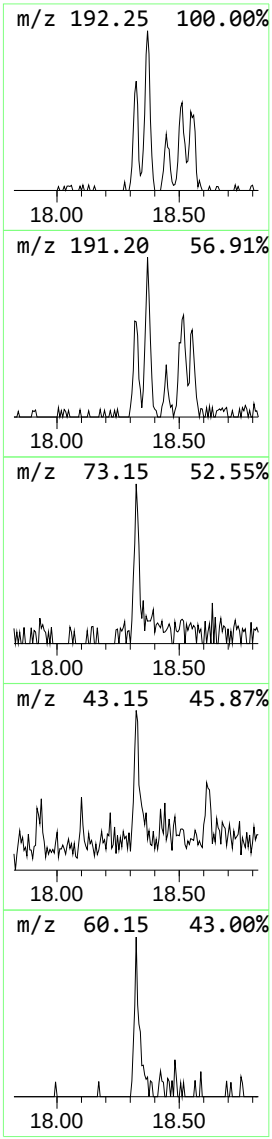
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.324 | 2.54 ng/ul | 49615 | Phenanthrene-d10 | 17.442 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 90 |
| 2 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 64 |
| 3 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 64 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 64 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049674.D
Acq On : 6 Aug 2021 12:03
Operator : CG/JU
Sample : M3124-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0094

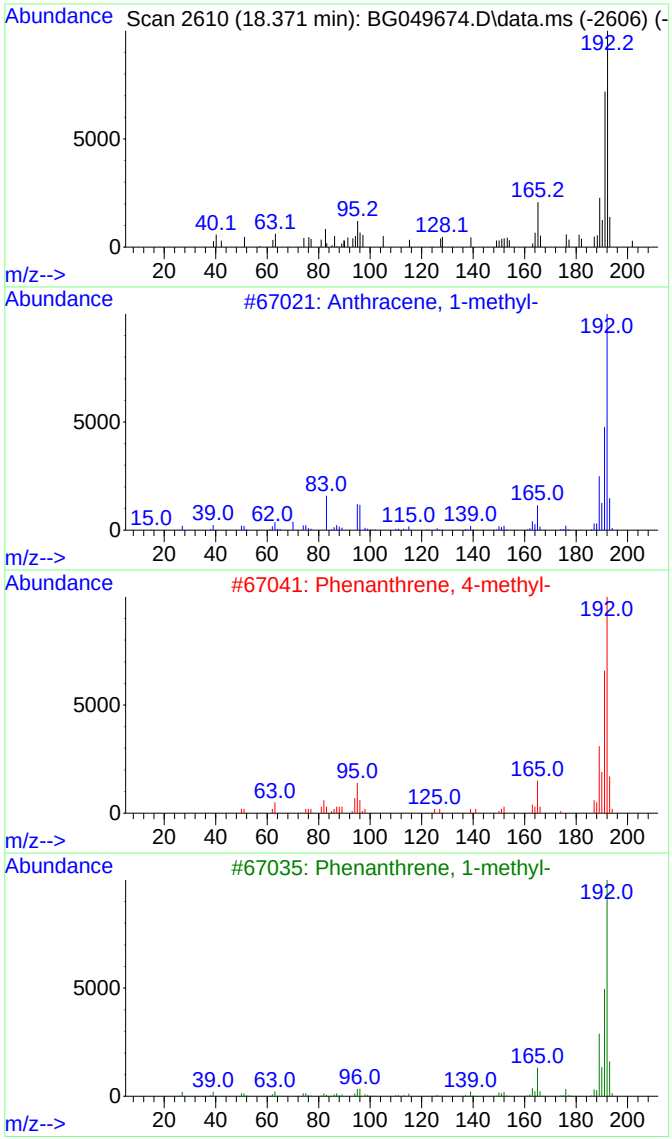
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

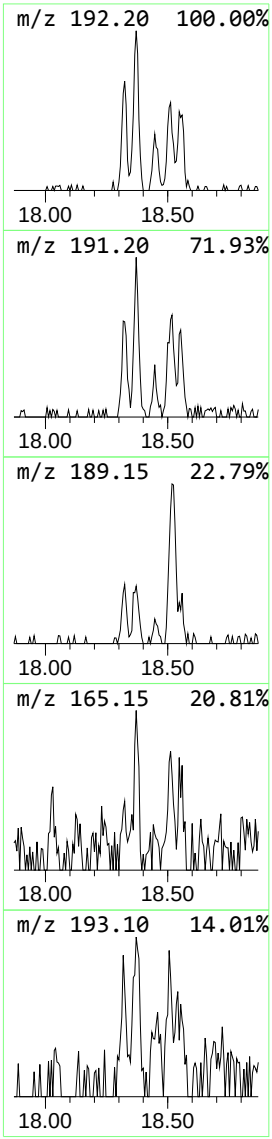
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Anthracene, 1-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.371 | 2.05 ng/ul | 39959 | Phenanthrene-d10 | 17.442 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 91 |
| 2 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 90 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 90 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 89 |
| 5 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049674.D
Acq On : 6 Aug 2021 12:03
Operator : CG/JU
Sample : M3124-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0094

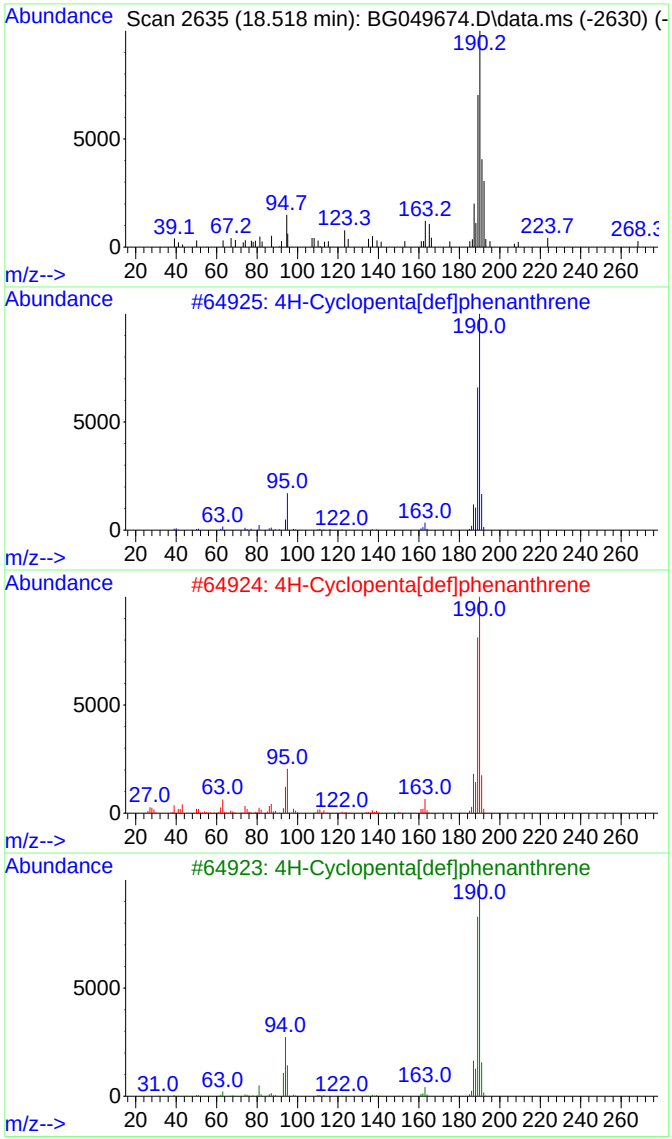
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

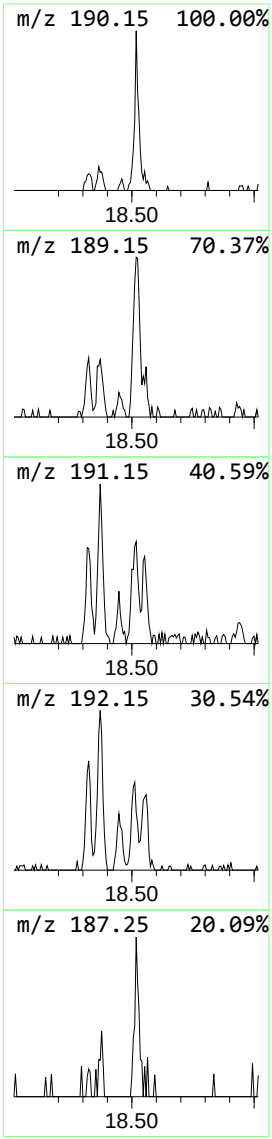
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.517 | 2.12 ng/ul | 41384 | Phenanthrene-d10 | 17.442 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 58 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 58 |
| 3 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 58 |
| 4 | Pyrimidine, 6-oxo-4-(3-fluorophe... | 190 | C10H7FN2O | 085979-55-1 | 43 |
| 5 | Carbonic acid, ethyl 2-formyl-4,... | 262 | C10H8Cl2O4 | 1000331-34-4 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049674.D
Acq On : 6 Aug 2021 12:03
Operator : CG/JU
Sample : M3124-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0094

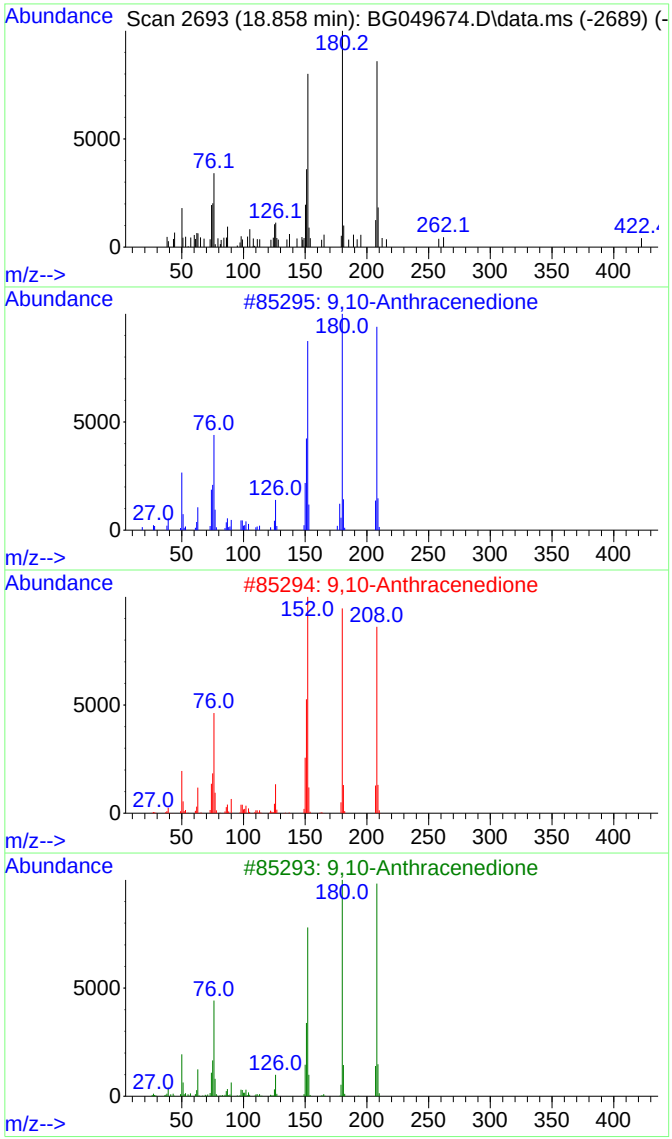
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

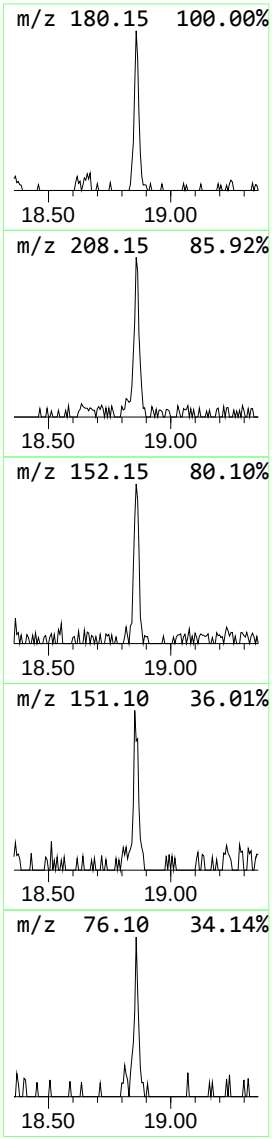
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 9,10-Anthracenedione Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.858 | 2.11 ng/ul | 41216 | Phenanthrene-d10 | 17.442 |

| 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 | 98 |
| 3 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 93 |
| 4 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 93 |
| 5 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049674.D
Acq On : 6 Aug 2021 12:03
Operator : CG/JU
Sample : M3124-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0094

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.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 |
| (DEL) Alkane: C... | 3.074 | 16.8 | ng/ul | 141568 | 1 | 8.043 | 168262 | 20.0 |
| unknown-01 | 3.150 | 38.4 | ng/ul | 322676 | 1 | 8.043 | 168262 | 20.0 |
| unknown-02 | 3.955 | 3.7 | ng/ul | 31004 | 1 | 8.043 | 168262 | 20.0 |
| Ethanol, 2-(2-b... | 10.628 | 2.3 | ng/ul | 28280 | 2 | 10.863 | 246825 | 20.0 |
| Phenanthrene, 1... | 18.324 | 2.5 | ng/ul | 49615 | 4 | 17.442 | 390257 | 20.0 |
| Anthracene, 1-m... | 18.371 | 2.0 | ng/ul | 39959 | 4 | 17.442 | 390257 | 20.0 |
| 4H-Cyclopenta[d... | 18.517 | 2.1 | ng/ul | 41384 | 4 | 17.442 | 390257 | 20.0 |
| 9,10-Anthracene... | 18.858 | 2.1 | ng/ul | 41216 | 4 | 17.442 | 390257 | 20.0 |