LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BHBT6

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-BG052124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061570.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.077 | 7 | 15 | 32 | rVB | 981925 | 1942134 | 100.00% | 11.775% |
| 2 | 3.746 | 121 | 129 | 141 | rBV | 35322 | 70892 | 3.65% | 0.430% |
| 3 | 3.852 | 143 | 147 | 154 | rVB2 | 12847 | 19115 | 0.98% | 0.116% |
| 4 | 4.986 | 335 | 340 | 351 | rVB2 | 6491 | 11787 | 0.61% | 0.071% |
| 5 | 7.066 | 688 | 694 | 704 | rVB | 122746 | 217846 | 11.22% | 1.321% |
| 6 | 7.201 | 710 | 717 | 725 | rBV | 76578 | 121002 | 6.23% | 0.734% |
| 7 | 7.413 | 747 | 753 | 759 | rBV | 119879 | 202057 | 10.40% | 1.225% |
| 8 | 7.466 | 759 | 762 | 770 | rVB4 | 6097 | 11142 | 0.57% | 0.068% |
| 9 | 7.871 | 824 | 831 | 838 | rBV | 100329 | 167778 | 8.64% | 1.017% |
| 10 | 8.600 | 949 | 955 | 965 | rBV | 138145 | 227806 | 11.73% | 1.381% |
| 11 | 9.034 | 1022 | 1029 | 1036 | rBV | 116615 | 205266 | 10.57% | 1.244% |
| 12 | 9.751 | 1145 | 1151 | 1162 | rVB | 106918 | 187221 | 9.64% | 1.135% |
| 13 | 10.309 | 1239 | 1246 | 1255 | rBV2 | 149812 | 270910 | 13.95% | 1.642% |
| 14 | 10.668 | 1298 | 1307 | 1313 | rBV | 125741 | 224519 | 11.56% | 1.361% |
| 15 | 10.715 | 1313 | 1315 | 1321 | rVB3 | 9501 | 12710 | 0.65% | 0.077% |
| 16 | 10.809 | 1326 | 1331 | 1339 | rBV | 31356 | 59595 | 3.07% | 0.361% |
| 17 | 12.330 | 1583 | 1590 | 1596 | rVB | 8732 | 13424 | 0.69% | 0.081% |
| 18 | 12.548 | 1622 | 1627 | 1633 | rVB2 | 8753 | 13874 | 0.71% | 0.084% |
| 19 | 13.329 | 1754 | 1760 | 1766 | rBV3 | 8383 | 14315 | 0.74% | 0.087% |
| 20 | 13.406 | 1767 | 1773 | 1777 | rBV3 | 6446 | 9357 | 0.48% | 0.057% |
| 21 | 13.829 | 1841 | 1845 | 1851 | rVV3 | 11287 | 18905 | 0.97% | 0.115% |
| 22 | 13.917 | 1851 | 1860 | 1867 | rVV | 274053 | 382890 | 19.71% | 2.321% |
| 23 | 14.205 | 1899 | 1909 | 1920 | rBV | 277309 | 437295 | 22.52% | 2.651% |
| 24 | 14.405 | 1940 | 1943 | 1949 | rVB2 | 8620 | 10194 | 0.52% | 0.062% |
| 25 | 14.510 | 1951 | 1961 | 1968 | rBV | 203387 | 313202 | 16.13% | 1.899% |
| 26 | 14.575 | 1968 | 1972 | 1980 | rVB2 | 13601 | 23226 | 1.20% | 0.141% |
| 27 | 14.651 | 1980 | 1985 | 1991 | rVB3 | 6721 | 10305 | 0.53% | 0.062% |
| 28 | 14.775 | 1996 | 2006 | 2020 | rBV2 | 281076 | 527970 | 27.19% | 3.201% |
| 29 | 14.880 | 2020 | 2024 | 2027 | rVV5 | 16682 | 32503 | 1.67% | 0.197% |
| 30 | 14.910 | 2027 | 2029 | 2035 | rVV2 | 18169 | 27228 | 1.40% | 0.165% |
| 31 | 14.992 | 2039 | 2043 | 2046 | rVB3 | 7369 | 10110 | 0.52% | 0.061% |
| 32 | 15.133 | 2063 | 2067 | 2072 | rVV3 | 6639 | 9598 | 0.49% | 0.058% |
| 33 | 15.303 | 2090 | 2096 | 2099 | rBV4 | 8633 | 13317 | 0.69% | 0.081% |
| 34 | 15.362 | 2102 | 2106 | 2109 | rVB3 | 6755 | 9253 | 0.48% | 0.056% |
| 35 | 15.509 | 2121 | 2131 | 2136 | rBV | 361559 | 552515 | 28.45% | 3.350% |
| 36 | 15.556 | 2136 | 2139 | 2151 | rVB4 | 19276 | 37464 | 1.93% | 0.227% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

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-BG052124.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.656 | 2151 | 2156 | 2165 | rBV | 76367 | 121135 | 6.24% | 0.734% |
| 38 | 15.856 | 2183 | 2190 | 2195 | rVB3 | 12202 | 20251 | 1.04% | 0.123% |
| 39 | 16.009 | 2208 | 2216 | 2222 | rVB5 | 9422 | 18462 | 0.95% | 0.112% |
| 40 | 16.220 | 2247 | 2252 | 2254 | rBV2 | 13026 | 19230 | 0.99% | 0.117% |
| 41 | 16.244 | 2254 | 2256 | 2263 | rVB2 | 16546 | 21065 | 1.08% | 0.128% |
| 42 | 16.573 | 2301 | 2312 | 2315 | rBV7 | 8206 | 20746 | 1.07% | 0.126% |
| 43 | 16.614 | 2317 | 2319 | 2325 | rVB4 | 7396 | 10686 | 0.55% | 0.065% |
| 44 | 16.802 | 2346 | 2351 | 2354 | rBV4 | 8708 | 12098 | 0.62% | 0.073% |
| 45 | 16.925 | 2367 | 2372 | 2378 | rBV3 | 23965 | 38703 | 1.99% | 0.235% |
| 46 | 17.013 | 2378 | 2387 | 2391 | rBV5 | 18844 | 35890 | 1.85% | 0.218% |
| 47 | 17.084 | 2394 | 2399 | 2403 | rBV2 | 14835 | 22321 | 1.15% | 0.135% |
| 48 | 17.166 | 2408 | 2413 | 2417 | rBV5 | 11040 | 17501 | 0.90% | 0.106% |
| 49 | 17.266 | 2419 | 2430 | 2433 | rBV | 255065 | 392390 | 20.20% | 2.379% |
| 50 | 17.307 | 2433 | 2437 | 2442 | rVB | 269997 | 381836 | 19.66% | 2.315% |
| 51 | 17.366 | 2442 | 2447 | 2451 | rBV | 389122 | 557206 | 28.69% | 3.378% |
| 52 | 17.454 | 2458 | 2462 | 2468 | rBV3 | 12525 | 25305 | 1.30% | 0.153% |
| 53 | 17.536 | 2473 | 2476 | 2479 | rBV5 | 6129 | 9597 | 0.49% | 0.058% |
| 54 | 17.583 | 2482 | 2484 | 2488 | rVB5 | 8582 | 9632 | 0.50% | 0.058% |
| 55 | 17.648 | 2490 | 2495 | 2496 | rBV3 | 8113 | 10875 | 0.56% | 0.066% |
| 56 | 17.671 | 2496 | 2499 | 2503 | rVB | 20239 | 28159 | 1.45% | 0.171% |
| 57 | 17.777 | 2515 | 2517 | 2522 | rVV2 | 9532 | 11668 | 0.60% | 0.071% |
| 58 | 17.848 | 2525 | 2529 | 2537 | rVB5 | 18979 | 33665 | 1.73% | 0.204% |
| 59 | 17.930 | 2537 | 2543 | 2545 | rBV6 | 9693 | 14024 | 0.72% | 0.085% |
| 60 | 18.059 | 2561 | 2565 | 2570 | rVB6 | 7793 | 13974 | 0.72% | 0.085% |
| 61 | 18.159 | 2573 | 2582 | 2584 | rBV3 | 75711 | 166810 | 8.59% | 1.011% |
| 62 | 18.188 | 2584 | 2587 | 2591 | rVB | 79512 | 119099 | 6.13% | 0.722% |
| 63 | 18.271 | 2598 | 2601 | 2606 | rVB2 | 16645 | 22231 | 1.14% | 0.135% |
| 64 | 18.335 | 2606 | 2612 | 2616 | rVV2 | 78034 | 153714 | 7.91% | 0.932% |
| 65 | 18.376 | 2616 | 2619 | 2623 | rVB | 46645 | 62329 | 3.21% | 0.378% |
| 66 | 18.453 | 2628 | 2632 | 2636 | rBV7 | 15474 | 23502 | 1.21% | 0.142% |
| 67 | 18.541 | 2644 | 2647 | 2653 | rVB7 | 12447 | 19546 | 1.01% | 0.119% |
| 68 | 18.641 | 2660 | 2664 | 2669 | rBV | 47745 | 71918 | 3.70% | 0.436% |
| 69 | 18.694 | 2669 | 2673 | 2682 | rVB | 59733 | 96117 | 4.95% | 0.583% |
| 70 | 18.893 | 2698 | 2707 | 2710 | rBV6 | 24146 | 46558 | 2.40% | 0.282% |
| 71 | 18.940 | 2712 | 2715 | 2719 | rVB | 23145 | 24594 | 1.27% | 0.149% |
| 72 | 18.976 | 2719 | 2721 | 2727 | rVB3 | 22835 | 29693 | 1.53% | 0.180% |
| 73 | 19.064 | 2731 | 2736 | 2743 | rBV4 | 58430 | 155164 | 7.99% | 0.941% |
| 74 | 19.152 | 2749 | 2751 | 2755 | rVB | 20856 | 21981 | 1.13% | 0.133% |
| 75 | 19.205 | 2756 | 2760 | 2767 | rVV3 | 42130 | 83501 | 4.30% | 0.506% |
| 76 | 19.328 | 2773 | 2781 | 2787 | rBV | 671780 | 938144 | 48.30% | 5.688% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

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-BG052124.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 19.387 | 2788 | 2791 | 2794 | rVV3 | 19899 | 22971 | 1.18% | 0.139% |
| 78 | 19.434 | 2794 | 2799 | 2803 | rBV5 | 23461 | 45364 | 2.34% | 0.275% |
| 79 | 19.663 | 2832 | 2838 | 2840 | rBV2 | 530125 | 781702 | 40.25% | 4.739% |
| 80 | 19.692 | 2840 | 2843 | 2850 | rVB | 503660 | 675946 | 34.80% | 4.098% |
| 81 | 19.763 | 2850 | 2855 | 2864 | rBV3 | 45256 | 94653 | 4.87% | 0.574% |
| 82 | 19.927 | 2880 | 2883 | 2889 | rVB3 | 26284 | 47183 | 2.43% | 0.286% |
| 83 | 20.021 | 2892 | 2899 | 2904 | rBV4 | 60277 | 157143 | 8.09% | 0.953% |
| 84 | 20.145 | 2917 | 2920 | 2922 | rBV4 | 35260 | 52317 | 2.69% | 0.317% |
| 85 | 20.186 | 2924 | 2927 | 2931 | rVB2 | 92173 | 127540 | 6.57% | 0.773% |
| 86 | 20.280 | 2940 | 2943 | 2947 | rBV | 53520 | 76288 | 3.93% | 0.463% |
| 87 | 20.345 | 2951 | 2954 | 2958 | rVB | 64601 | 89589 | 4.61% | 0.543% |
| 88 | 20.486 | 2975 | 2978 | 2981 | rVB | 37423 | 41904 | 2.16% | 0.254% |
| 89 | 20.574 | 2990 | 2993 | 2997 | rVB2 | 44674 | 50300 | 2.59% | 0.305% |
| 90 | 20.944 | 3052 | 3056 | 3061 | rVB | 77717 | 114271 | 5.88% | 0.693% |
| 91 | 21.114 | 3082 | 3085 | 3089 | rVB3 | 49411 | 62656 | 3.23% | 0.380% |
| 92 | 21.179 | 3093 | 3096 | 3099 | rVV | 49756 | 64390 | 3.32% | 0.390% |
| 93 | 21.267 | 3109 | 3111 | 3116 | rVB | 76661 | 101870 | 5.25% | 0.618% |
| 94 | 21.408 | 3131 | 3135 | 3142 | rVB | 239261 | 328007 | 16.89% | 1.989% |
| 95 | 21.520 | 3147 | 3154 | 3159 | rVV3 | 446794 | 1131961 | 58.28% | 6.863% |
| 96 | 21.573 | 3159 | 3163 | 3174 | rVB | 328412 | 548509 | 28.24% | 3.326% |
| 97 | 22.295 | 3282 | 3286 | 3296 | rVB4 | 67682 | 182970 | 9.42% | 1.109% |
| 98 | 23.652 | 3511 | 3517 | 3524 | rBV2 | 232189 | 692501 | 35.66% | 4.199% |
| 99 | 24.416 | 3642 | 3647 | 3654 | rBV2 | 130053 | 288143 | 14.84% | 1.747% |
| 100 | 24.634 | 3678 | 3684 | 3695 | rVB | 164208 | 415780 | 21.41% | 2.521% |

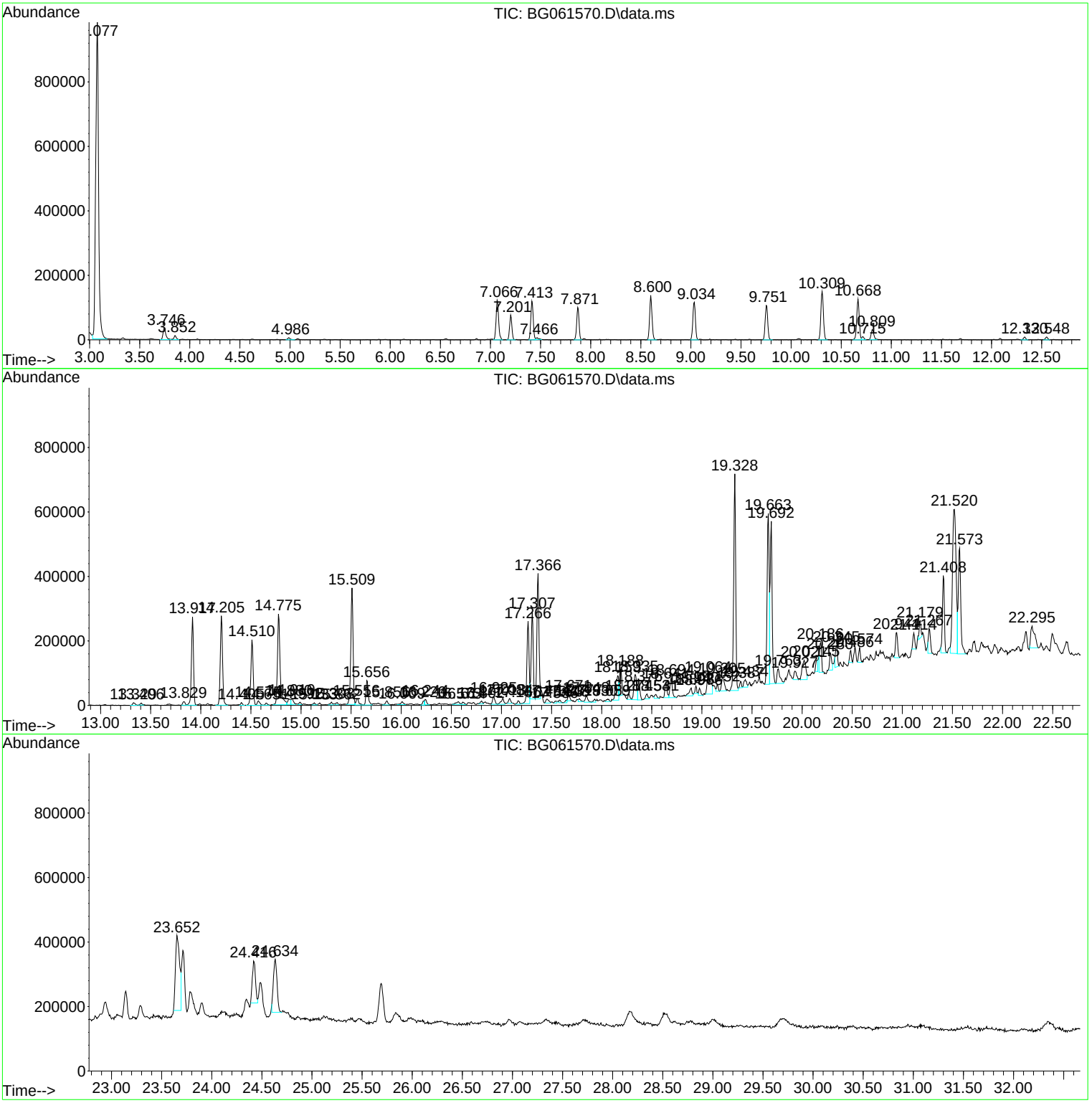
Sum of corrected areas: 16494003

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.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\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

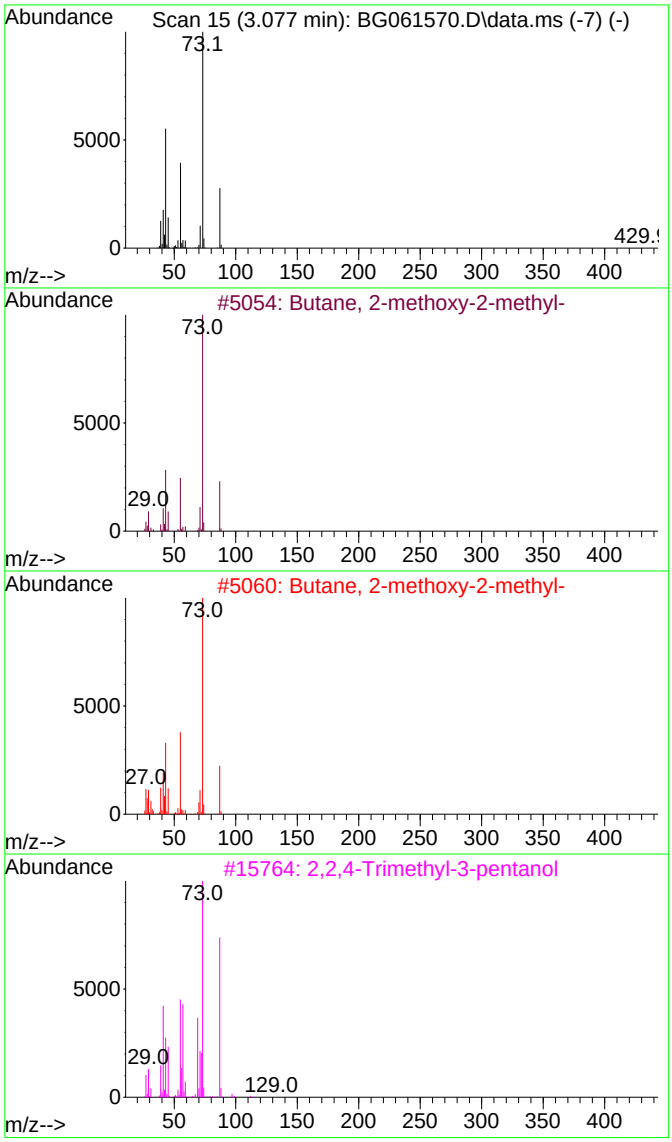
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

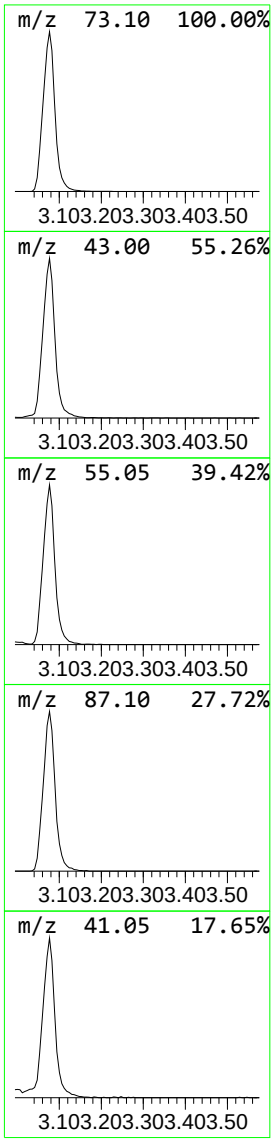
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.077 | 231.51 ng/ul | 1942130 | 1,4-Dichlorobenzene-d4 | 7.871 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 38 |
| 4 | 3-Pentanol, 3-methyl- | 102 | C6H14O | 000077-74-7 | 33 |
| 5 | 3-Pentanol, 3-methyl- | 102 | C6H14O | 000077-74-7 | 28 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

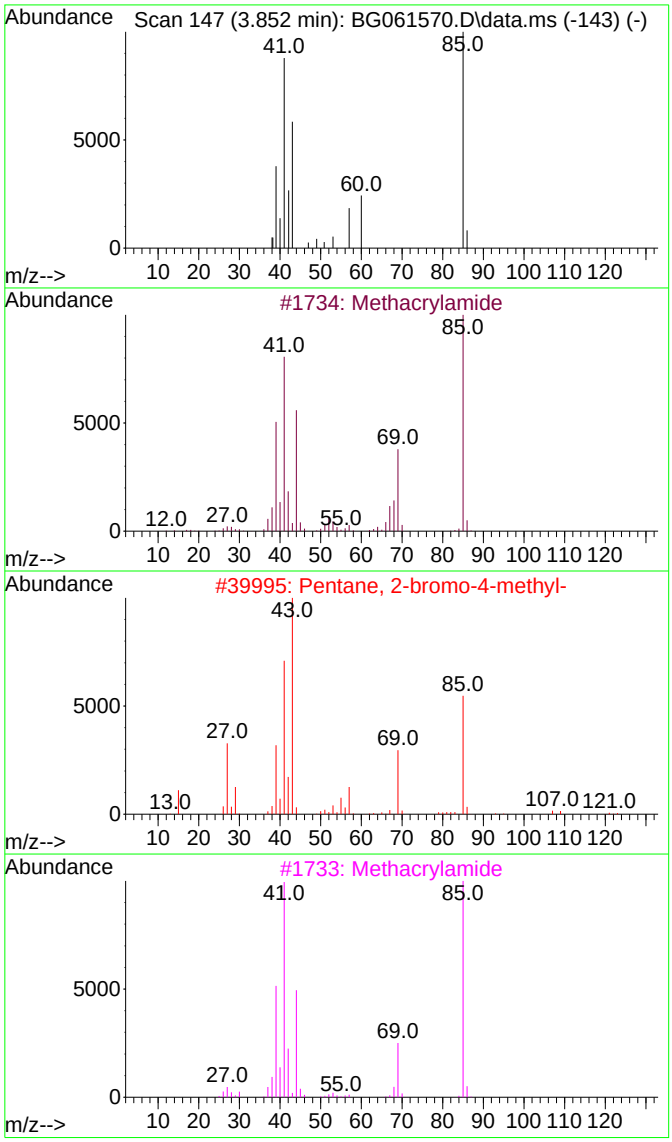
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

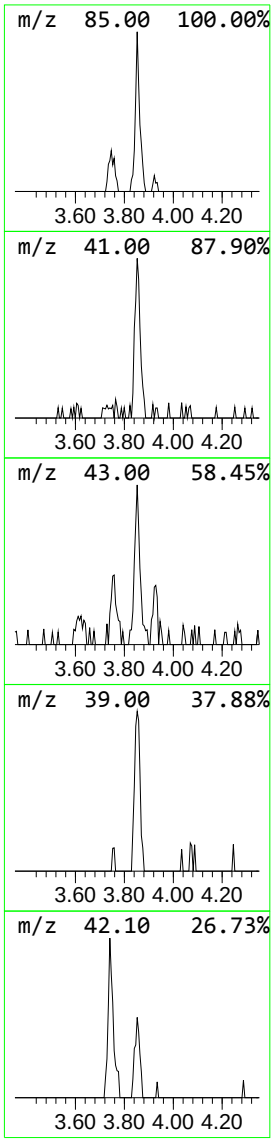
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Methacrylamide Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.852 | 2.28 ng/ul | 19115 | 1,4-Dichlorobenzene-d4 | 7.871 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methacrylamide | 85 | C4H7NO | 000079-39-0 | 53 |
| 2 | Pentane, 2-bromo-4-methyl- | 164 | C6H13Br | 030310-22-6 | 40 |
| 3 | Methacrylamide | 85 | C4H7NO | 000079-39-0 | 40 |
| 4 | Pentane, 2-bromo-4-methyl- | 164 | C6H13Br | 030310-22-6 | 38 |
| 5 | Oxirane, (2-methylpropyl)- | 100 | C6H12O | 023850-78-4 | 36 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

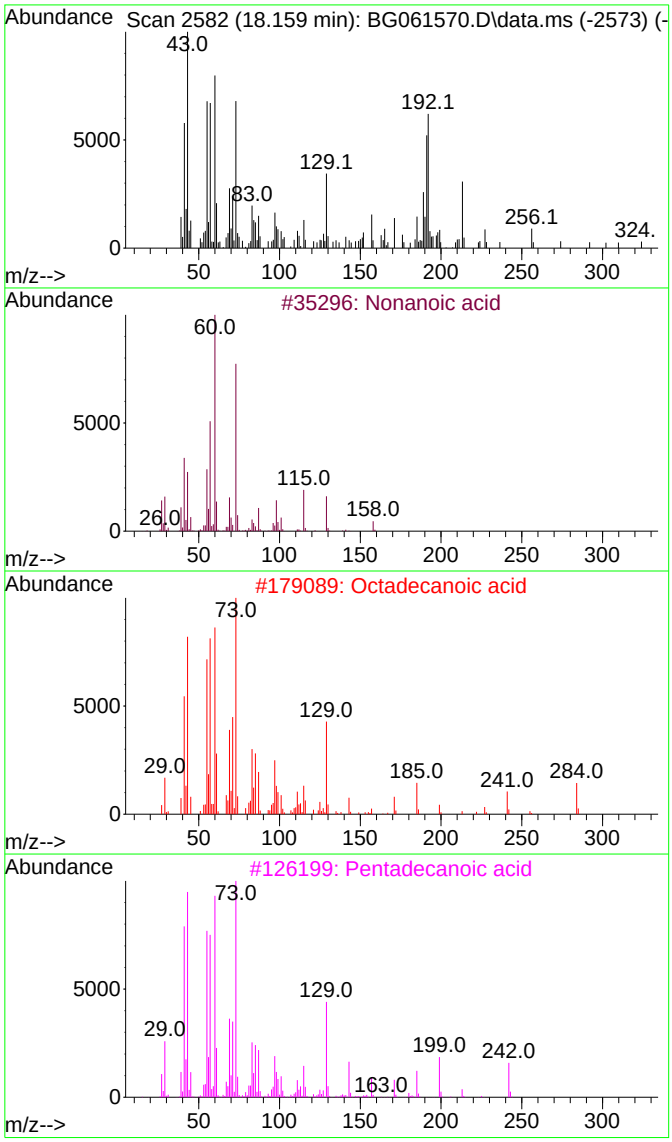
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

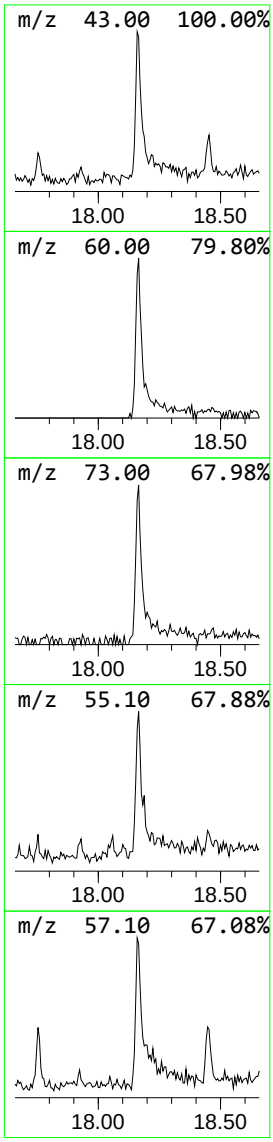
**********

Peak Number 3 unknown-01 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.159 | 8.50 ng/ul | 166810 | Phenanthrene-d10 | 17.266 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonanoic acid | 158 | C9H18O2 | 000112-05-0 | 42 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 38 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 35 |
| 4 | 9-Bromononanoic acid | 236 | C9H17BrO2 | 041059-02-3 | 30 |
| 5 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

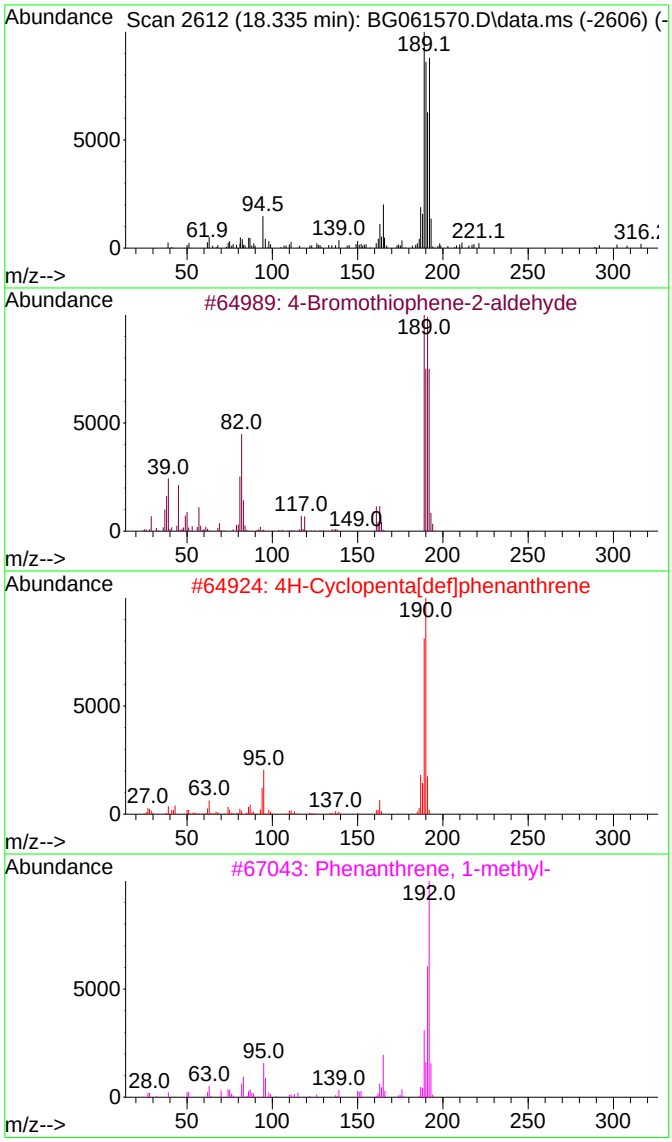
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

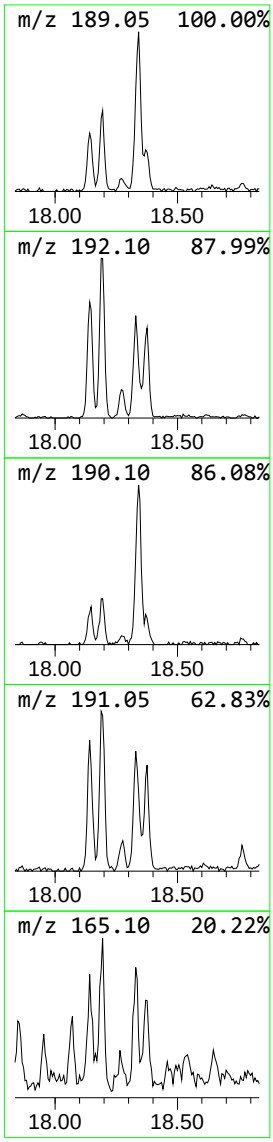
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 4-Bromothiophene-2-aldehyde Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.335 | 7.83 ng/ul | 153714 | Phenanthrene-d10 | 17.266 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Bromothiophene-2-aldehyde | 190 | C5H3BrOS | 018791-75-8 | 64 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 55 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 45 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 45 |
| 5 | Naphtho[2,3-b]norbornadiene | 192 | C15H12 | 107426-38-0 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

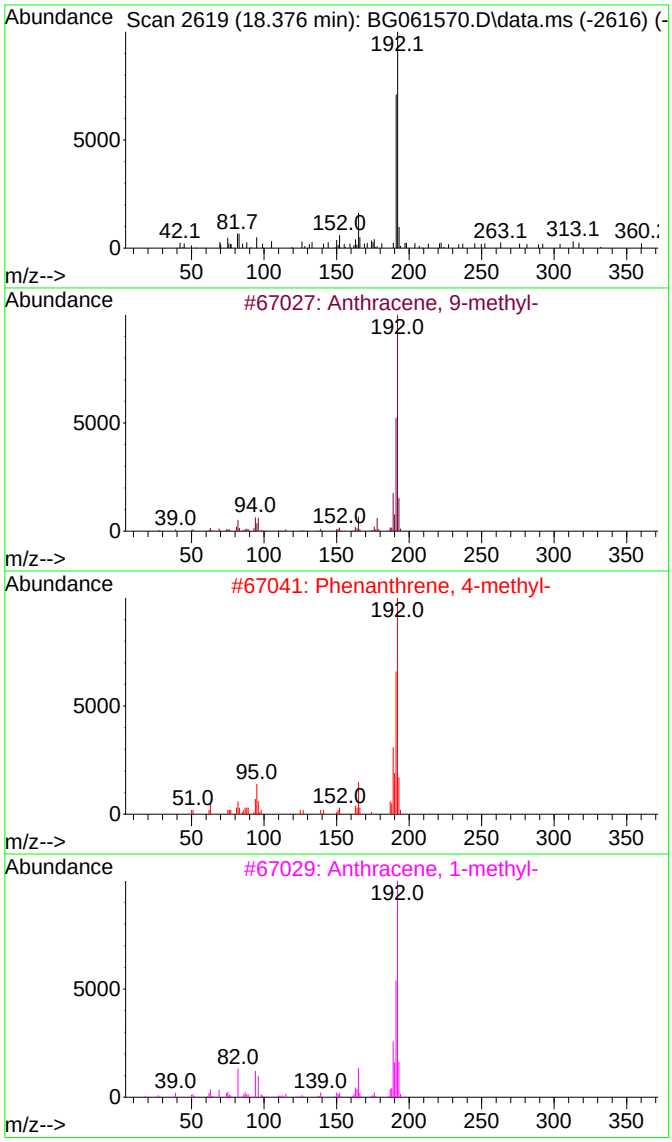
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

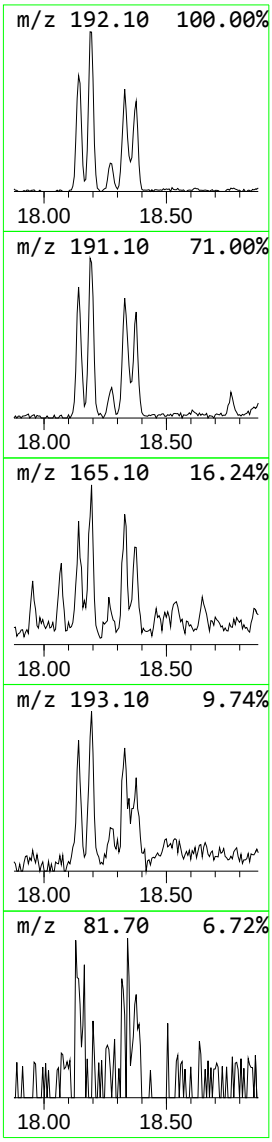
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Anthracene, 9-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.376 | 3.18 ng/ul | 62329 | Phenanthrene-d10 | 17.266 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 78 |
| 2 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 72 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 72 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 64 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

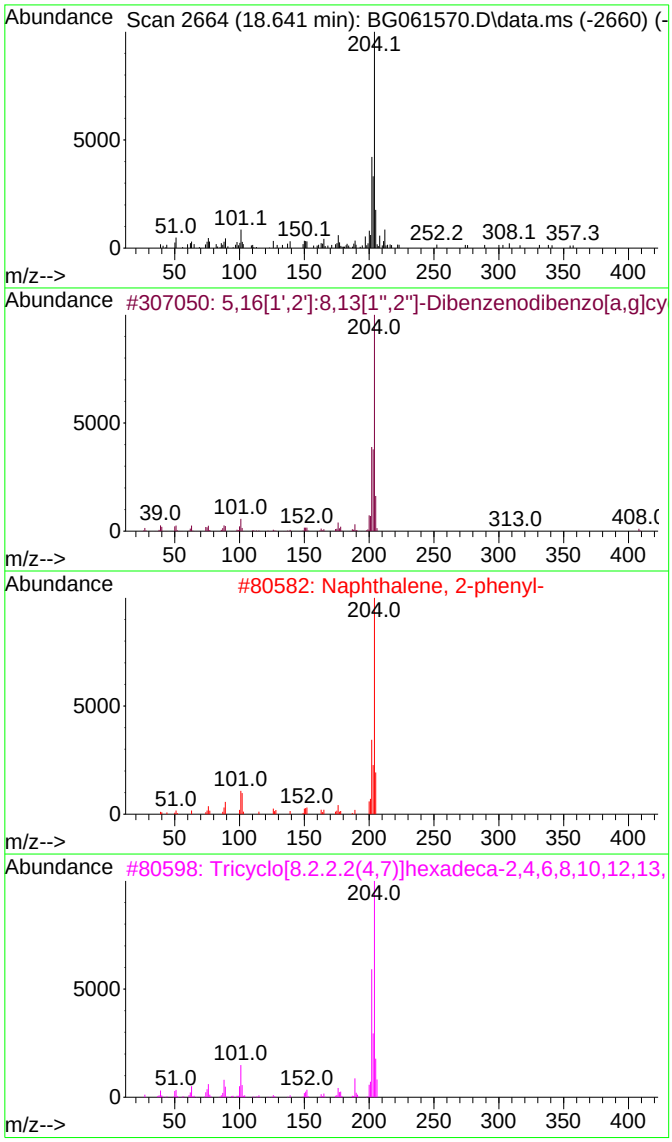
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

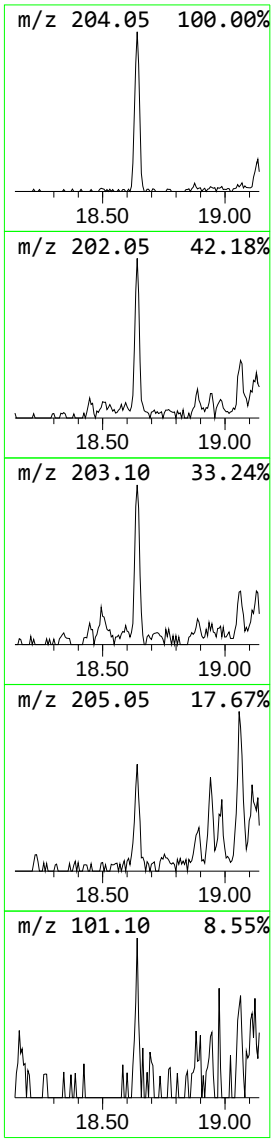
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.641 | 3.67 ng/ul | 71918 | Phenanthrene-d10 | 17.266 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 83 |
| 2 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 70 |
| 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 | 64 |
| 5 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

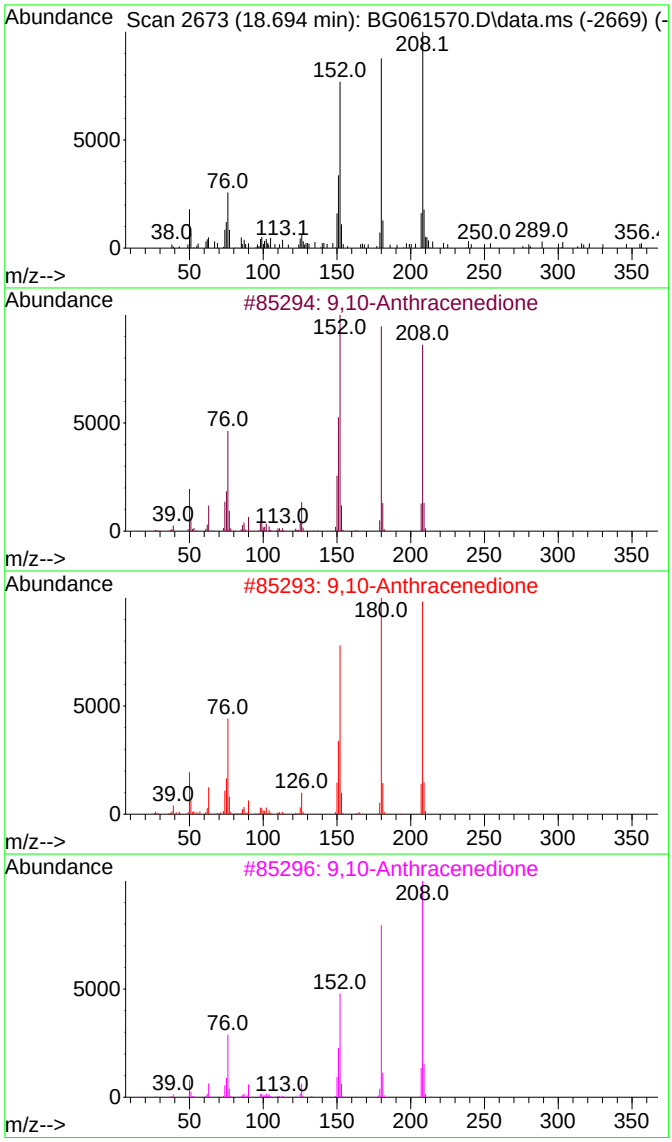
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

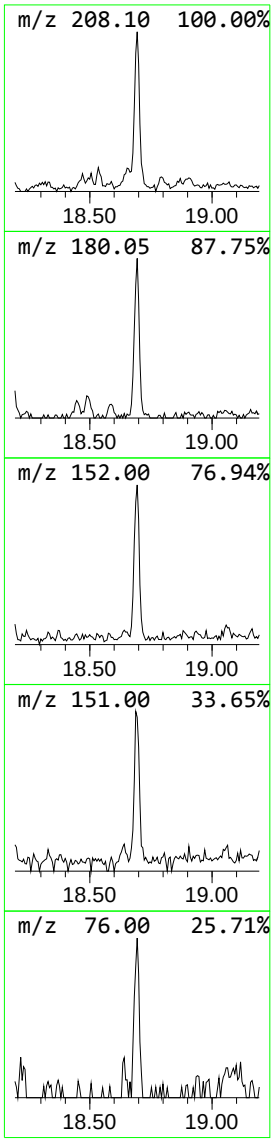
**********

Peak Number 7 9,10-Anthracenedione Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.694 | 4.90 ng/ul | 96117 | Phenanthrene-d10 | 17.266 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 95 |
| 2 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 94 |
| 3 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 91 |
| 4 | Benzo[h]cinnoline | 180 | C12H8N2 | 000230-31-9 | 91 |
| 5 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

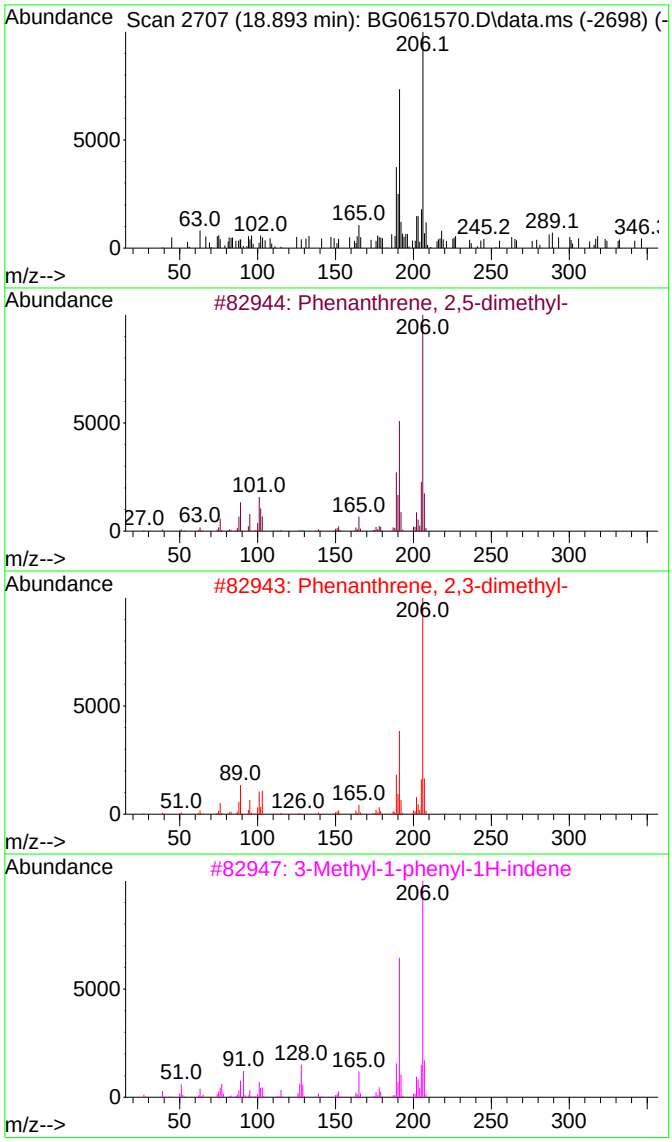
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

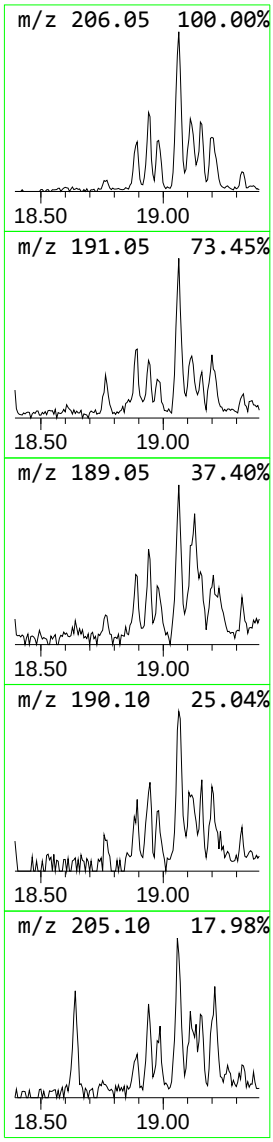
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.893 | 2.37 ng/ul | 46558 | Phenanthrene-d10 | 17.266 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 87 |
| 2 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 83 |
| 3 | 3-Methyl-1-phenyl-1H-indene | 206 | C16H14 | 022360-63-0 | 76 |
| 4 | 1-Methyl-3-phenyl-1H-indene | 206 | C16H14 | 022360-62-9 | 76 |
| 5 | 1,3-Diphenyl-3-methylcyclopropene | 206 | C16H14 | 086544-79-8 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

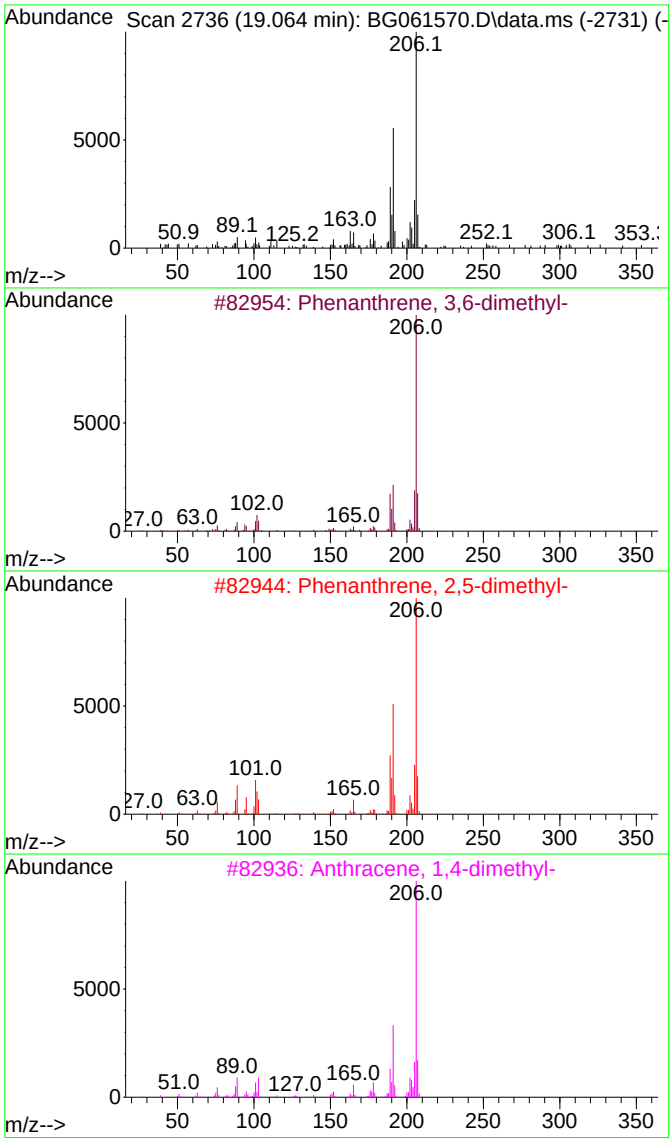
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

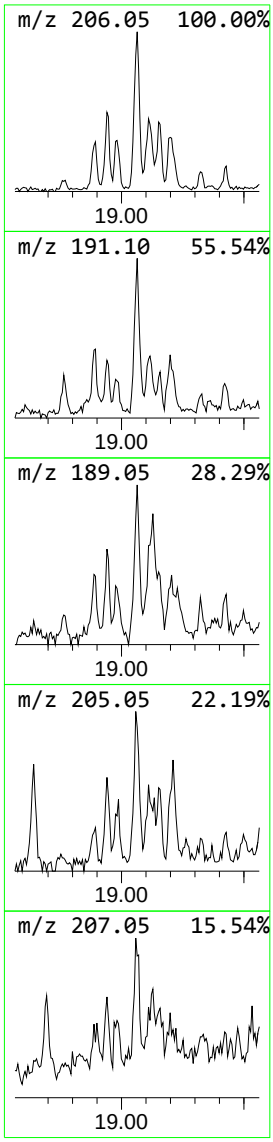
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.064 | 7.91 ng/ul | 155164 | Phenanthrene-d10 | 17.266 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 91 |
| 2 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 90 |
| 3 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 90 |
| 4 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 90 |
| 5 | Phenanthrene, 2,7-dimethyl- | 206 | C16H14 | 001576-69-8 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

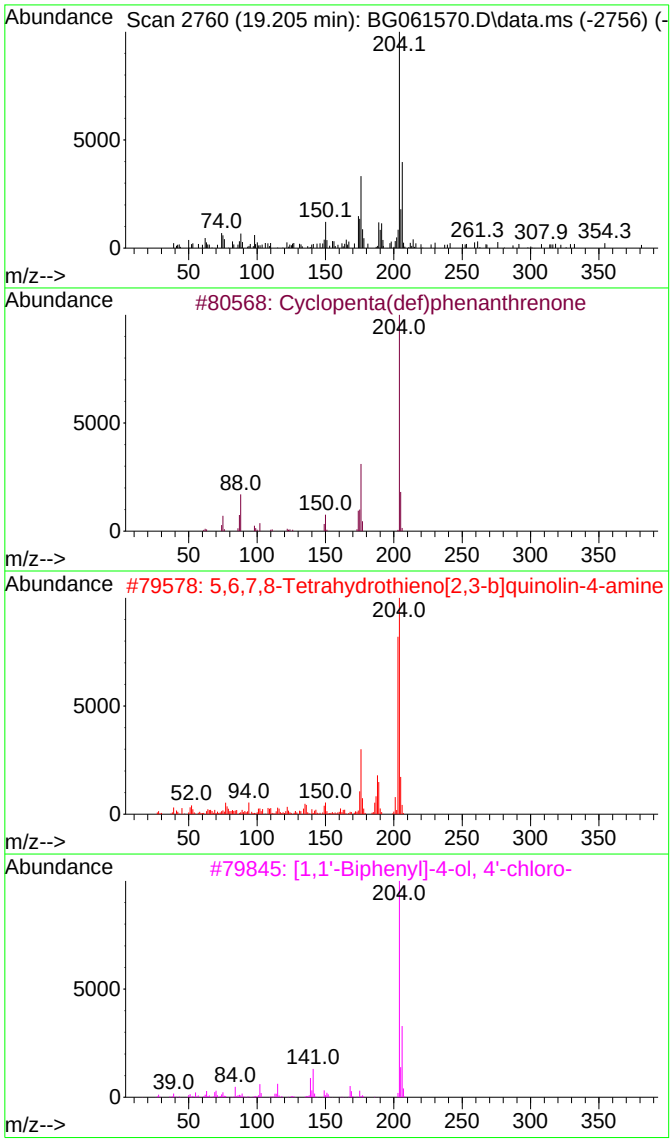
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

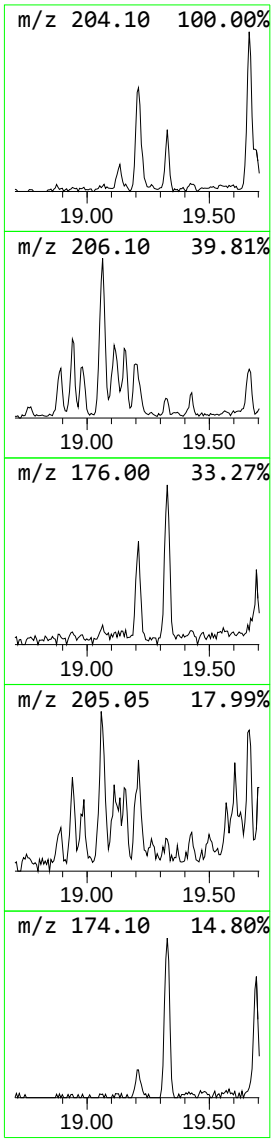
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.205 | 4.26 ng/ul | 83501 | Phenanthrene-d10 | 17.266 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 58 |
| 2 | 5,6,7,8-Tetrahydrothieno[2,3-b]q... | 204 | C11H12N2S | 122914-50-5 | 52 |
| 3 | [1,1'-Biphenyl]-4-ol, 4'-chloro- | 204 | C12H9ClO | 028034-99-3 | 50 |
| 4 | Benzene, 1-chloro-3-phenoxy- | 204 | C12H9ClO | 006452-49-9 | 50 |
| 5 | 1-Aminocyclopentanecarboxylic ac... | 361 | C18H32ClNO4 | 1000392-62-6 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

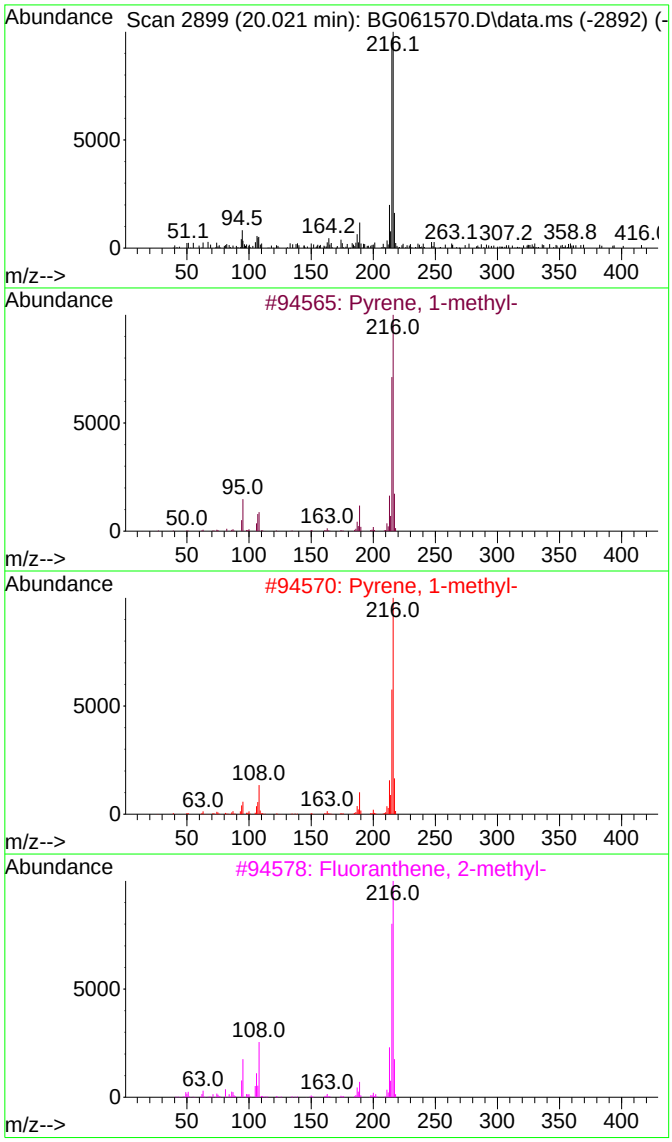
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

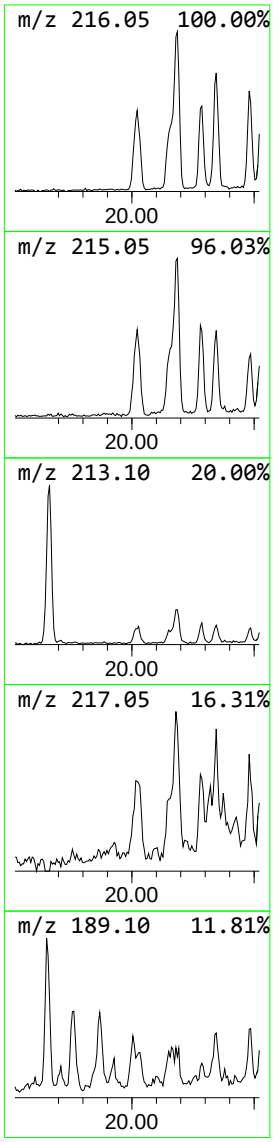
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.022 | 2.78 ng/ul | 157143 | Chrysene-d12 | 21.526 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 94 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 89 |
| 3 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 87 |
| 4 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 86 |
| 5 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

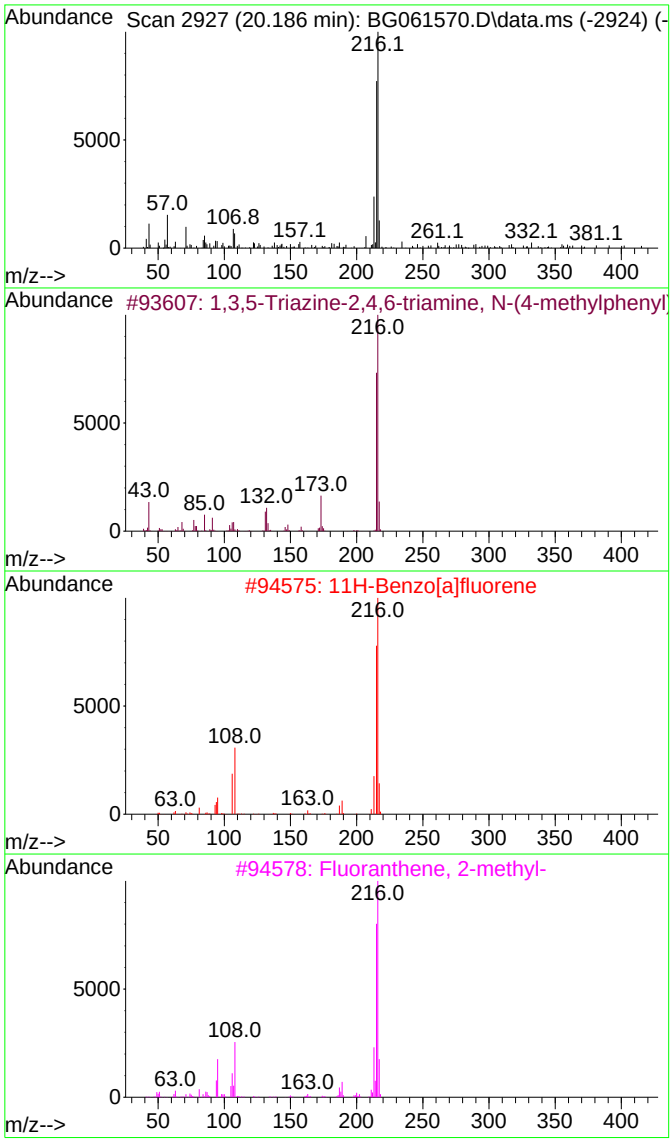
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

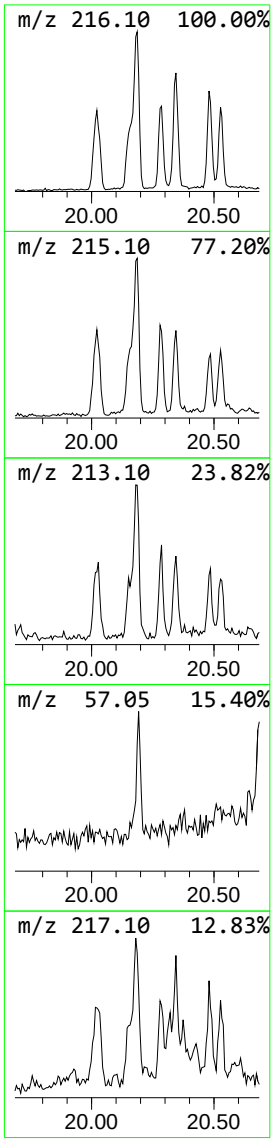
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 1,3,5-Triazine-2,4,6-triami... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.186 | 2.25 ng/ul | 127540 | Chrysene-d12 | 21.526 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3,5-Triazine-2,4,6-triamine, N... | 216 | C10H12N6 | 046731-79-7 | 64 |
| 2 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 56 |
| 3 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 50 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 45 |
| 5 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

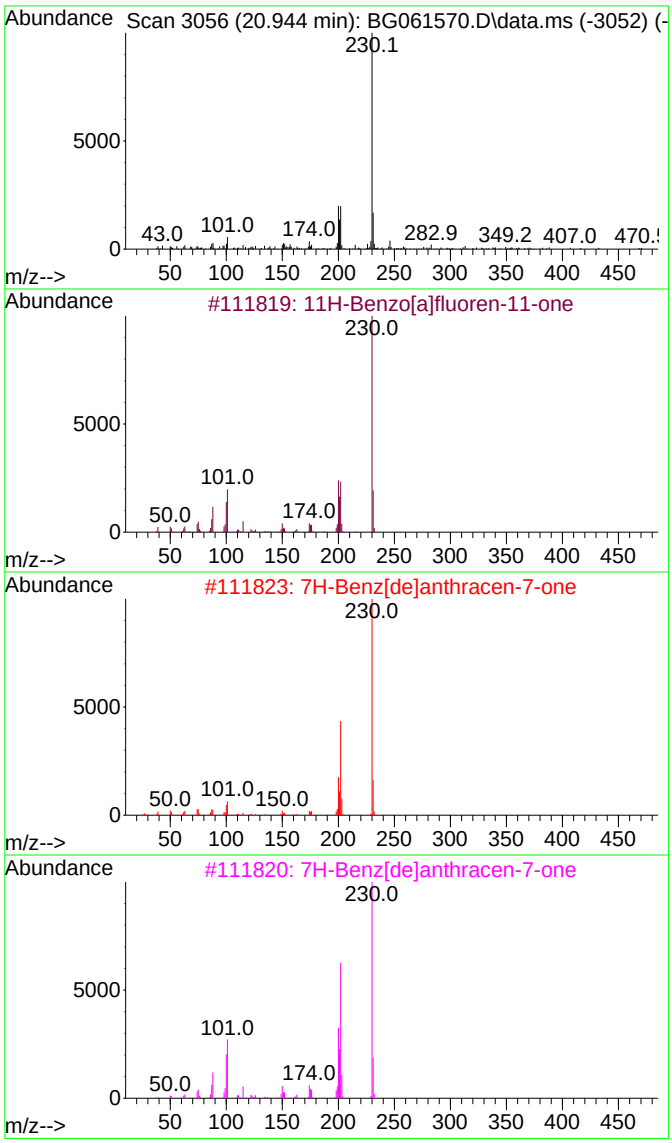
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

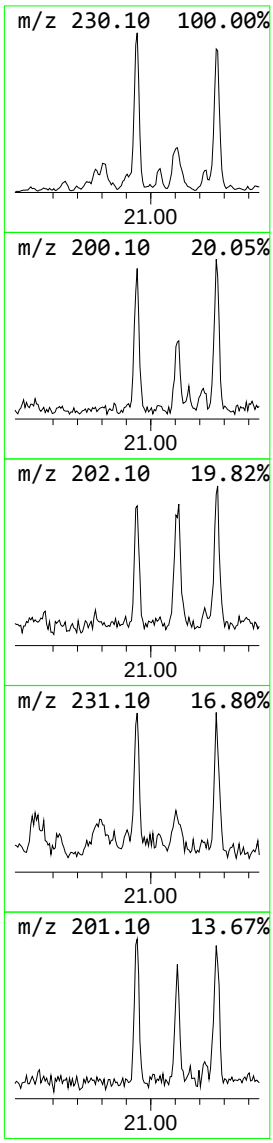
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.944 | 2.02 ng/ul | 114271 | Chrysene-d12 | 21.526 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 87 |
| 2 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 76 |
| 3 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 74 |
| 4 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 58 |
| 5 | 8-Hydroxyquinoline-5-carbaldehyd... | 245 | C13H15NO2Si | 1010463-63-7 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

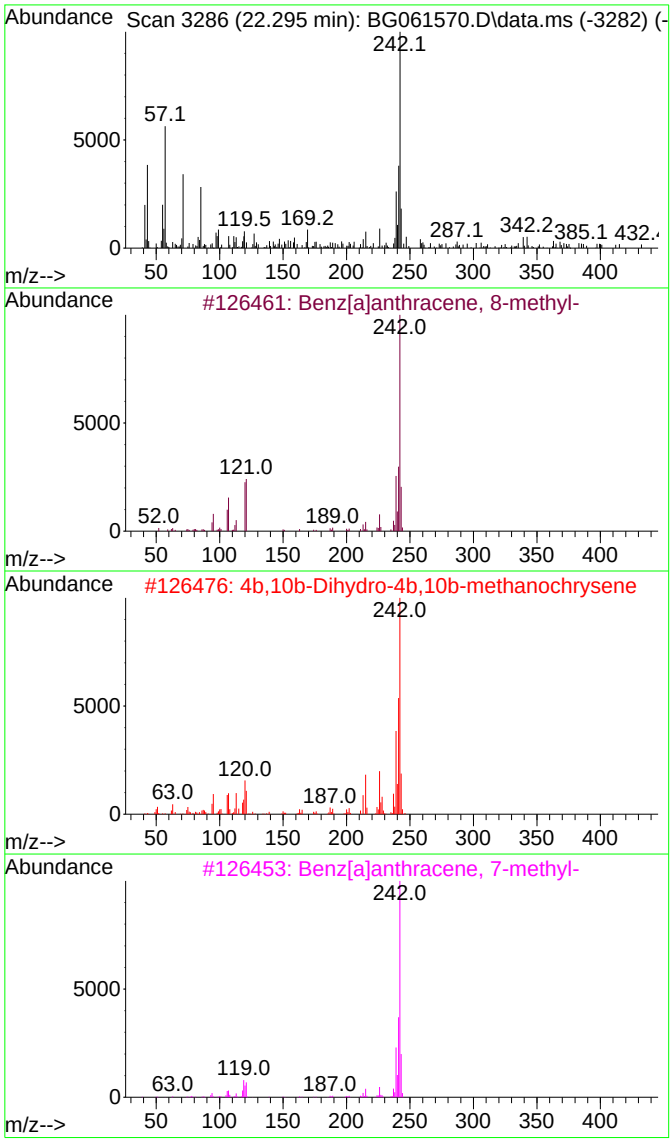
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

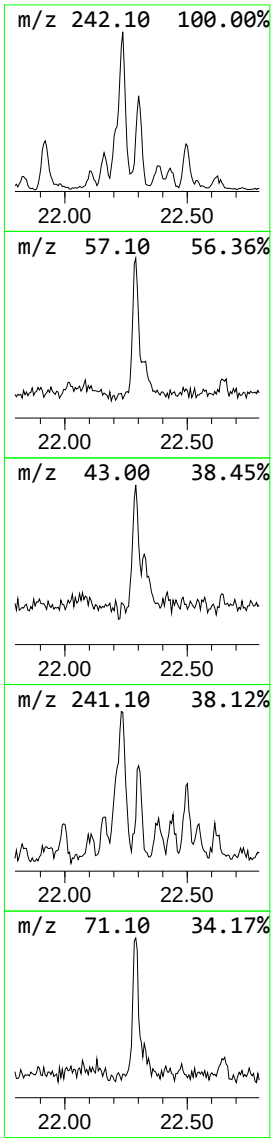
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benz[a]anthracene, 8-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.295 | 3.23 ng/ul | 182970 | Chrysene-d12 | 21.526 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benz[a]anthracene, 8-methyl- | 242 | C19H14 | 002381-31-9 | 70 |
| 2 | 4b,10b-Dihydro-4b,10b-methanochr... | 242 | C19H14 | 071949-03-6 | 70 |
| 3 | Benz[a]anthracene, 7-methyl- | 242 | C19H14 | 002541-69-7 | 70 |
| 4 | Benz[a]anthracene, 12-methyl- | 242 | C19H14 | 002422-79-9 | 64 |
| 5 | Chrysene, 6-methyl- | 242 | C19H14 | 001705-85-7 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060724\
Data File : BG061570.D
Acq On : 8 Jun 2024 18:16
Operator : MA/JU
Sample : P2647-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BHBT6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.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... | 3.077 | 231.5 | ng/ul | 1942130 | 1 | 7.871 | 167778 | 20.0 |
| Methacrylamide | 3.852 | 2.3 | ng/ul | 19115 | 1 | 7.871 | 167778 | 20.0 |
| unknown-01 | 18.159 | 8.5 | ng/ul | 166810 | 4 | 17.266 | 392390 | 20.0 |
| 4-Bromothiophen... | 18.335 | 7.8 | ng/ul | 153714 | 4 | 17.266 | 392390 | 20.0 |
| Anthracene, 9-m... | 18.376 | 3.2 | ng/ul | 62329 | 4 | 17.266 | 392390 | 20.0 |
| 5,16[1',2']:8,1... | 18.641 | 3.7 | ng/ul | 71918 | 4 | 17.266 | 392390 | 20.0 |
| 9,10-Anthracene... | 18.694 | 4.9 | ng/ul | 96117 | 4 | 17.266 | 392390 | 20.0 |
| Phenanthrene, 2... | 18.893 | 2.4 | ng/ul | 46558 | 4 | 17.266 | 392390 | 20.0 |
| Phenanthrene, 3... | 19.064 | 7.9 | ng/ul | 155164 | 4 | 17.266 | 392390 | 20.0 |
| Cyclopenta(def)... | 19.205 | 4.3 | ng/ul | 83501 | 4 | 17.266 | 392390 | 20.0 |
| Pyrene, 1-methyl- | 20.022 | 2.8 | ng/ul | 157143 | 5 | 21.526 | 1131960 | 20.0 |
| 1,3,5-Triazine-... | 20.186 | 2.3 | ng/ul | 127540 | 5 | 21.526 | 1131960 | 20.0 |
| 11H-Benzo[a]flu... | 20.944 | 2.0 | ng/ul | 114271 | 5 | 21.526 | 1131960 | 20.0 |
| Benz[a]anthrace... | 22.295 | 3.2 | ng/ul | 182970 | 5 | 21.526 | 1131960 | 20.0 |