LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

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: BG061408.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.036 | 4 | 8 | 10 | rBV | 63464 | 82922 | 3.24% | 0.334% |
| 2 | 3.083 | 10 | 16 | 44 | rVB | 1299117 | 2561864 | 100.00% | 10.325% |
| 3 | 3.611 | 98 | 106 | 114 | rBV | 6001 | 9698 | 0.38% | 0.039% |
| 4 | 3.747 | 123 | 129 | 139 | rBV2 | 35393 | 76045 | 2.97% | 0.306% |
| 5 | 3.858 | 142 | 148 | 156 | rVV | 78660 | 117150 | 4.57% | 0.472% |
| 6 | 3.929 | 156 | 160 | 165 | rVB | 10720 | 16109 | 0.63% | 0.065% |
| 7 | 4.305 | 220 | 224 | 232 | rVB | 15743 | 22135 | 0.86% | 0.089% |
| 8 | 4.628 | 274 | 279 | 284 | rVB2 | 11452 | 17239 | 0.67% | 0.069% |
| 9 | 4.710 | 287 | 293 | 299 | rBV3 | 5669 | 9718 | 0.38% | 0.039% |
| 10 | 5.074 | 350 | 355 | 363 | rBV2 | 17624 | 28491 | 1.11% | 0.115% |
| 11 | 5.891 | 487 | 494 | 497 | rBV2 | 8244 | 16644 | 0.65% | 0.067% |
| 12 | 7.060 | 687 | 693 | 702 | rVB | 72449 | 120249 | 4.69% | 0.485% |
| 13 | 7.201 | 712 | 717 | 725 | rVB | 49175 | 76176 | 2.97% | 0.307% |
| 14 | 7.413 | 747 | 753 | 759 | rBV2 | 67947 | 113310 | 4.42% | 0.457% |
| 15 | 7.871 | 824 | 831 | 837 | rBV | 119440 | 196869 | 7.68% | 0.793% |
| 16 | 8.594 | 947 | 954 | 960 | rBV2 | 43061 | 72163 | 2.82% | 0.291% |
| 17 | 9.029 | 1022 | 1028 | 1035 | rBV | 74937 | 123984 | 4.84% | 0.500% |
| 18 | 9.581 | 1116 | 1122 | 1127 | rBV3 | 7198 | 10780 | 0.42% | 0.043% |
| 19 | 9.751 | 1143 | 1151 | 1158 | rBB | 66436 | 112872 | 4.41% | 0.455% |
| 20 | 10.304 | 1239 | 1245 | 1253 | rBV | 87588 | 153131 | 5.98% | 0.617% |
| 21 | 10.668 | 1298 | 1307 | 1313 | rBV | 157767 | 279013 | 10.89% | 1.125% |
| 22 | 10.803 | 1326 | 1330 | 1339 | rVB3 | 10807 | 20483 | 0.80% | 0.083% |
| 23 | 11.408 | 1427 | 1433 | 1442 | rVB4 | 6038 | 11620 | 0.45% | 0.047% |
| 24 | 13.911 | 1851 | 1859 | 1865 | rBV | 167781 | 241878 | 9.44% | 0.975% |
| 25 | 14.199 | 1902 | 1908 | 1920 | rBV2 | 186778 | 294654 | 11.50% | 1.188% |
| 26 | 14.505 | 1952 | 1960 | 1967 | rBV | 252847 | 400885 | 15.65% | 1.616% |
| 27 | 14.745 | 1988 | 2001 | 2011 | rBV3 | 42721 | 99561 | 3.89% | 0.401% |
| 28 | 14.869 | 2017 | 2022 | 2026 | rBV3 | 8453 | 11885 | 0.46% | 0.048% |
| 29 | 15.503 | 2123 | 2130 | 2135 | rBV | 256697 | 371675 | 14.51% | 1.498% |
| 30 | 15.639 | 2149 | 2153 | 2160 | rBV2 | 59611 | 83999 | 3.28% | 0.339% |
| 31 | 15.744 | 2165 | 2171 | 2175 | rBV5 | 6275 | 10884 | 0.42% | 0.044% |
| 32 | 16.097 | 2226 | 2231 | 2242 | rVB4 | 11822 | 21725 | 0.85% | 0.088% |
| 33 | 16.232 | 2247 | 2254 | 2259 | rBV4 | 9899 | 18019 | 0.70% | 0.073% |
| 34 | 16.914 | 2364 | 2370 | 2376 | rVB | 57224 | 87353 | 3.41% | 0.352% |
| 35 | 17.072 | 2394 | 2397 | 2403 | rVB | 16681 | 22372 | 0.87% | 0.090% |
| 36 | 17.260 | 2422 | 2429 | 2432 | rBV | 345516 | 511339 | 19.96% | 2.061% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

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 | 17.301 | 2432 | 2436 | 2441 | rVB | 323082 | 433718 | 16.93% | 1.748% |
| 38 | 17.354 | 2441 | 2445 | 2450 | rBV2 | 261293 | 393262 | 15.35% | 1.585% |
| 39 | 17.442 | 2456 | 2460 | 2466 | rVB2 | 13686 | 21481 | 0.84% | 0.087% |
| 40 | 17.577 | 2478 | 2483 | 2487 | rVB4 | 9678 | 14928 | 0.58% | 0.060% |
| 41 | 17.666 | 2487 | 2498 | 2503 | rBV2 | 61899 | 127973 | 5.00% | 0.516% |
| 42 | 17.777 | 2510 | 2517 | 2520 | rBV6 | 11667 | 20479 | 0.80% | 0.083% |
| 43 | 17.842 | 2523 | 2528 | 2534 | rBV5 | 19300 | 34224 | 1.34% | 0.138% |
| 44 | 17.942 | 2540 | 2545 | 2549 | rBV6 | 9632 | 20059 | 0.78% | 0.081% |
| 45 | 18.059 | 2560 | 2565 | 2568 | rBV2 | 11603 | 17017 | 0.66% | 0.069% |
| 46 | 18.136 | 2570 | 2578 | 2579 | rBV | 55018 | 80674 | 3.15% | 0.325% |
| 47 | 18.159 | 2579 | 2582 | 2583 | rVV | 75155 | 89835 | 3.51% | 0.362% |
| 48 | 18.183 | 2583 | 2586 | 2589 | rVV | 94586 | 139622 | 5.45% | 0.563% |
| 49 | 18.224 | 2589 | 2593 | 2597 | rVV | 87115 | 122254 | 4.77% | 0.493% |
| 50 | 18.259 | 2597 | 2599 | 2604 | rVB5 | 10814 | 13853 | 0.54% | 0.056% |
| 51 | 18.324 | 2604 | 2610 | 2614 | rBV3 | 64969 | 120907 | 4.72% | 0.487% |
| 52 | 18.365 | 2614 | 2617 | 2623 | rVB2 | 43208 | 63514 | 2.48% | 0.256% |
| 53 | 18.441 | 2627 | 2630 | 2634 | rVV5 | 11542 | 19141 | 0.75% | 0.077% |
| 54 | 18.482 | 2634 | 2637 | 2640 | rVV4 | 19378 | 26148 | 1.02% | 0.105% |
| 55 | 18.529 | 2640 | 2645 | 2650 | rVB8 | 10859 | 22620 | 0.88% | 0.091% |
| 56 | 18.570 | 2650 | 2652 | 2657 | rBV6 | 7611 | 10213 | 0.40% | 0.041% |
| 57 | 18.635 | 2657 | 2663 | 2666 | rBV | 49270 | 70423 | 2.75% | 0.284% |
| 58 | 18.682 | 2666 | 2671 | 2677 | rVB2 | 233081 | 345670 | 13.49% | 1.393% |
| 59 | 18.882 | 2701 | 2705 | 2709 | rVB4 | 16118 | 20160 | 0.79% | 0.081% |
| 60 | 18.929 | 2710 | 2713 | 2716 | rVB2 | 15637 | 17059 | 0.67% | 0.069% |
| 61 | 18.970 | 2717 | 2720 | 2724 | rVB2 | 18151 | 25647 | 1.00% | 0.103% |
| 62 | 19.070 | 2730 | 2737 | 2743 | rBV2 | 96829 | 203796 | 7.95% | 0.821% |
| 63 | 19.146 | 2748 | 2750 | 2754 | rVB2 | 18640 | 18412 | 0.72% | 0.074% |
| 64 | 19.199 | 2754 | 2759 | 2765 | rBV | 116930 | 191890 | 7.49% | 0.773% |
| 65 | 19.317 | 2773 | 2779 | 2785 | rVB | 1132719 | 1613059 | 62.96% | 6.501% |
| 66 | 19.381 | 2786 | 2790 | 2792 | rBV2 | 21167 | 25991 | 1.01% | 0.105% |
| 67 | 19.411 | 2792 | 2795 | 2801 | rBV4 | 25315 | 54303 | 2.12% | 0.219% |
| 68 | 19.516 | 2808 | 2813 | 2817 | rBV | 63680 | 104520 | 4.08% | 0.421% |
| 69 | 19.558 | 2817 | 2820 | 2824 | rVB | 37743 | 51905 | 2.03% | 0.209% |
| 70 | 19.652 | 2830 | 2836 | 2838 | rBV3 | 464856 | 732563 | 28.59% | 2.952% |
| 71 | 19.681 | 2838 | 2841 | 2848 | rVV | 1013315 | 1360221 | 53.09% | 5.482% |
| 72 | 19.751 | 2849 | 2853 | 2858 | rVB2 | 60050 | 96603 | 3.77% | 0.389% |
| 73 | 19.857 | 2867 | 2871 | 2877 | rBV | 54980 | 82056 | 3.20% | 0.331% |
| 74 | 19.916 | 2877 | 2881 | 2886 | rVB2 | 61373 | 101978 | 3.98% | 0.411% |
| 75 | 20.004 | 2889 | 2896 | 2903 | rBV3 | 75822 | 220502 | 8.61% | 0.889% |
| 76 | 20.133 | 2913 | 2918 | 2921 | rBV5 | 67886 | 131163 | 5.12% | 0.529% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

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 | 20.268 | 2939 | 2941 | 2945 | rVB2 | 23239 | 26158 | 1.02% | 0.105% |
| 78 | 20.333 | 2946 | 2952 | 2956 | rVB2 | 95848 | 162593 | 6.35% | 0.655% |
| 79 | 20.409 | 2962 | 2965 | 2971 | rBV4 | 21445 | 39552 | 1.54% | 0.159% |
| 80 | 20.468 | 2972 | 2975 | 2979 | rVV | 53370 | 72111 | 2.81% | 0.291% |
| 81 | 20.515 | 2979 | 2983 | 2988 | rVV2 | 62279 | 86474 | 3.38% | 0.349% |
| 82 | 20.568 | 2989 | 2992 | 2995 | rVB2 | 45571 | 53713 | 2.10% | 0.216% |
| 83 | 20.727 | 3016 | 3019 | 3023 | rBV4 | 35468 | 50343 | 1.97% | 0.203% |
| 84 | 20.926 | 3049 | 3053 | 3059 | rVB | 251436 | 334902 | 13.07% | 1.350% |
| 85 | 21.097 | 3077 | 3082 | 3086 | rBV2 | 134625 | 254696 | 9.94% | 1.027% |
| 86 | 21.144 | 3087 | 3090 | 3093 | rVV | 127476 | 183107 | 7.15% | 0.738% |
| 87 | 21.191 | 3093 | 3098 | 3104 | rVV2 | 164671 | 429211 | 16.75% | 1.730% |
| 88 | 21.256 | 3104 | 3109 | 3121 | rVB | 237469 | 462445 | 18.05% | 1.864% |
| 89 | 21.402 | 3130 | 3134 | 3140 | rVB | 678523 | 929054 | 36.26% | 3.744% |
| 90 | 21.502 | 3145 | 3151 | 3157 | rVV3 | 604315 | 1583391 | 61.81% | 6.382% |
| 91 | 21.561 | 3157 | 3161 | 3172 | rVB | 605983 | 1011936 | 39.50% | 4.078% |
| 92 | 21.908 | 3216 | 3220 | 3227 | rVB2 | 72912 | 123889 | 4.84% | 0.499% |
| 93 | 22.213 | 3270 | 3272 | 3278 | rVB | 93658 | 130984 | 5.11% | 0.528% |
| 94 | 22.295 | 3281 | 3286 | 3293 | rVB2 | 106762 | 245291 | 9.57% | 0.989% |
| 95 | 23.629 | 3505 | 3513 | 3520 | rBV2 | 529524 | 1624534 | 63.41% | 6.547% |
| 96 | 24.317 | 3623 | 3630 | 3636 | rBV | 246131 | 636256 | 24.84% | 2.564% |
| 97 | 24.387 | 3638 | 3642 | 3648 | rVV2 | 176803 | 415318 | 16.21% | 1.674% |
| 98 | 24.458 | 3648 | 3654 | 3665 | rVB | 345125 | 876288 | 34.21% | 3.532% |
| 99 | 24.605 | 3671 | 3679 | 3686 | rBV | 238425 | 597500 | 23.32% | 2.408% |
| 100 | 28.106 | 4268 | 4275 | 4293 | rVB3 | 185679 | 797154 | 31.12% | 3.213% |

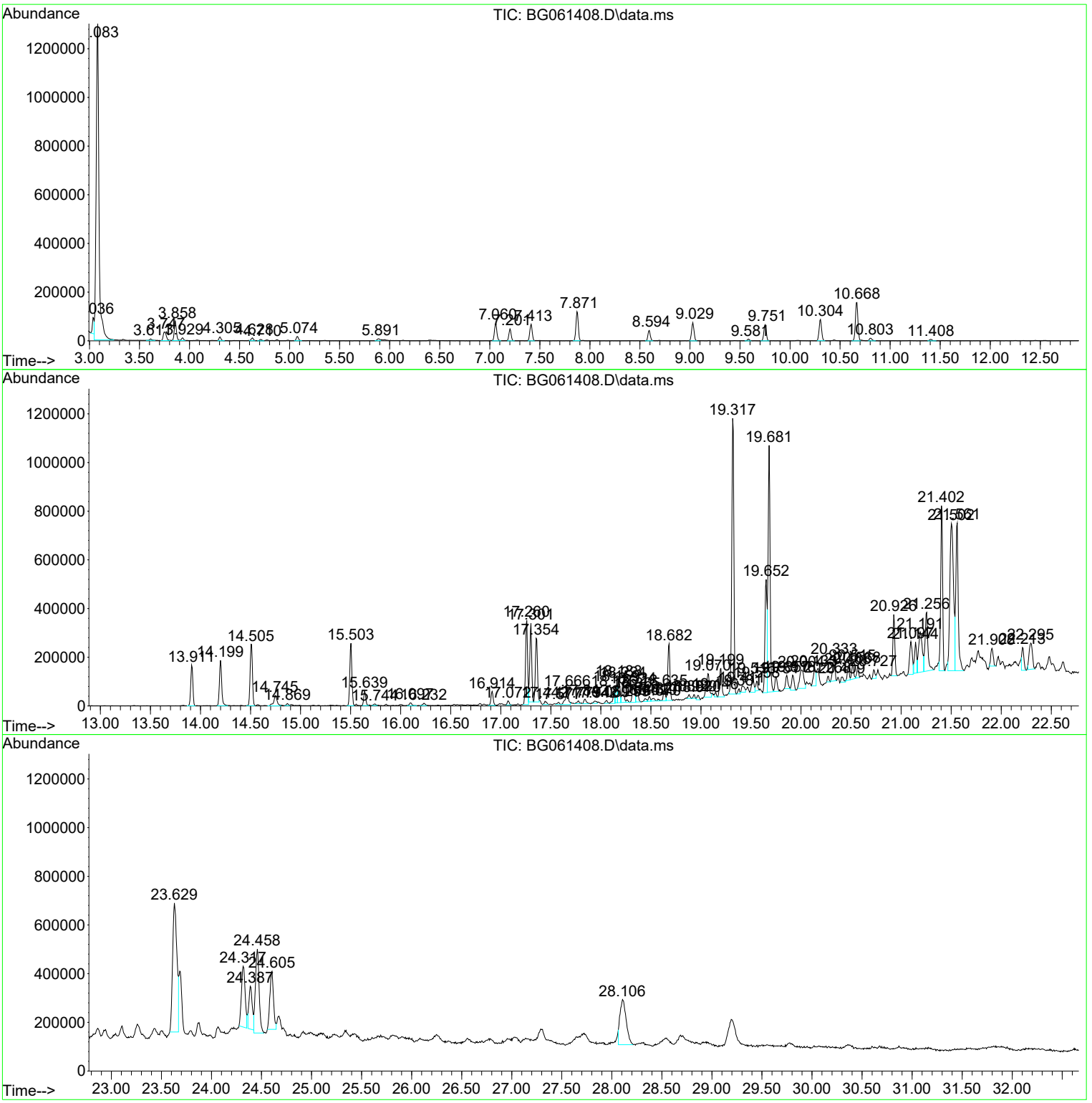
Sum of corrected areas: 24811637

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

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\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

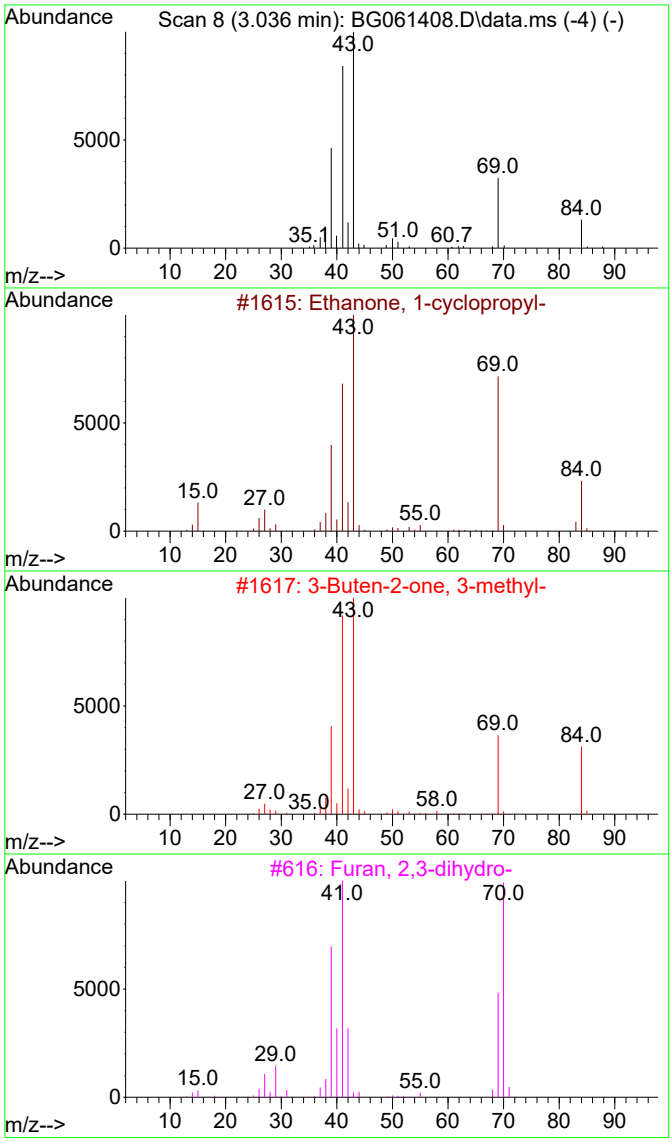
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

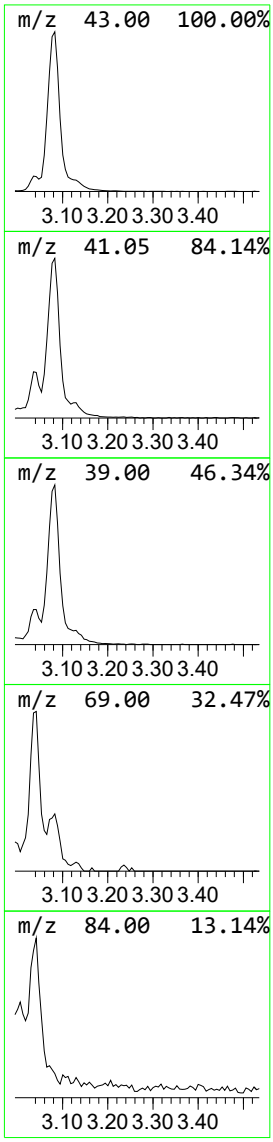
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Ethanone, 1-cyclopropyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.036 | 8.42 ng/ul | 82922 | 1,4-Dichlorobenzene-d4 | 7.871 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanone, 1-cyclopropyl- | 84 | C5H8O | 000765-43-5 | 72 |
| 2 | 3-Buten-2-one, 3-methyl- | 84 | C5H8O | 000814-78-8 | 46 |
| 3 | Furan, 2,3-dihydro- | 70 | C4H6O | 001191-99-7 | 28 |
| 4 | Cyclopropane, 1,2,3-trimethyl- | 84 | C6H12 | 042984-19-0 | 25 |
| 5 | Cyclopropane, 1-ethyl-1-methyl- | 84 | C6H12 | 053778-43-1 | 14 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

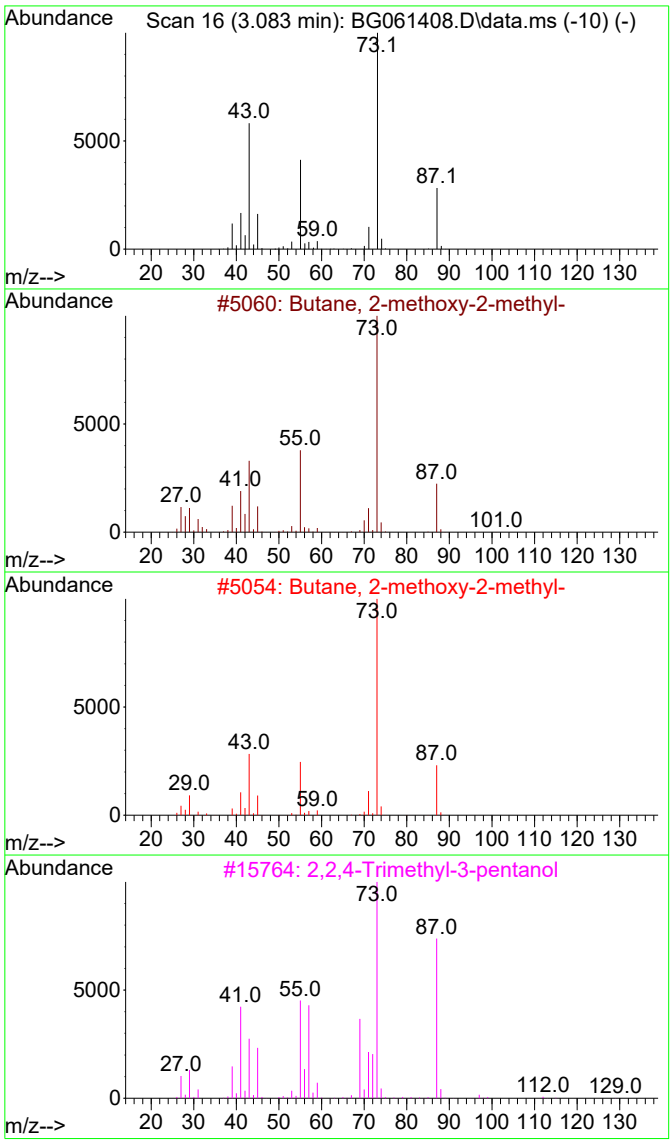
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

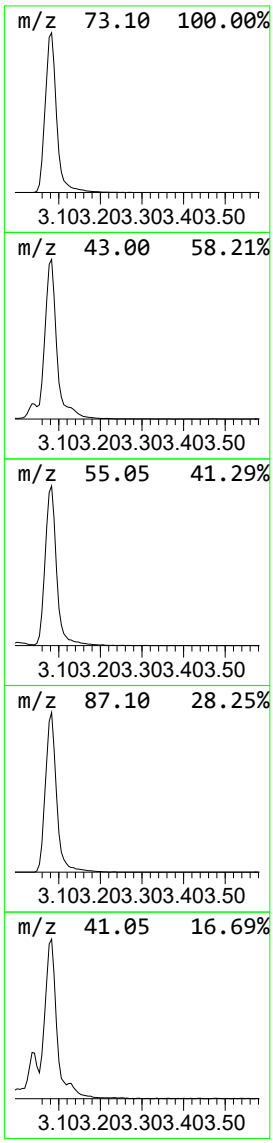
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.083 | 260.26 ng/ul | 2561860 | 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 | 78 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 4 | 2-Methyl-5-hexen-3-ol | 114 | C7H14O | 032815-70-6 | 25 |
| 5 | 1,3-Dioxolane, 2-propyl- | 116 | C6H12O2 | 003390-13-4 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

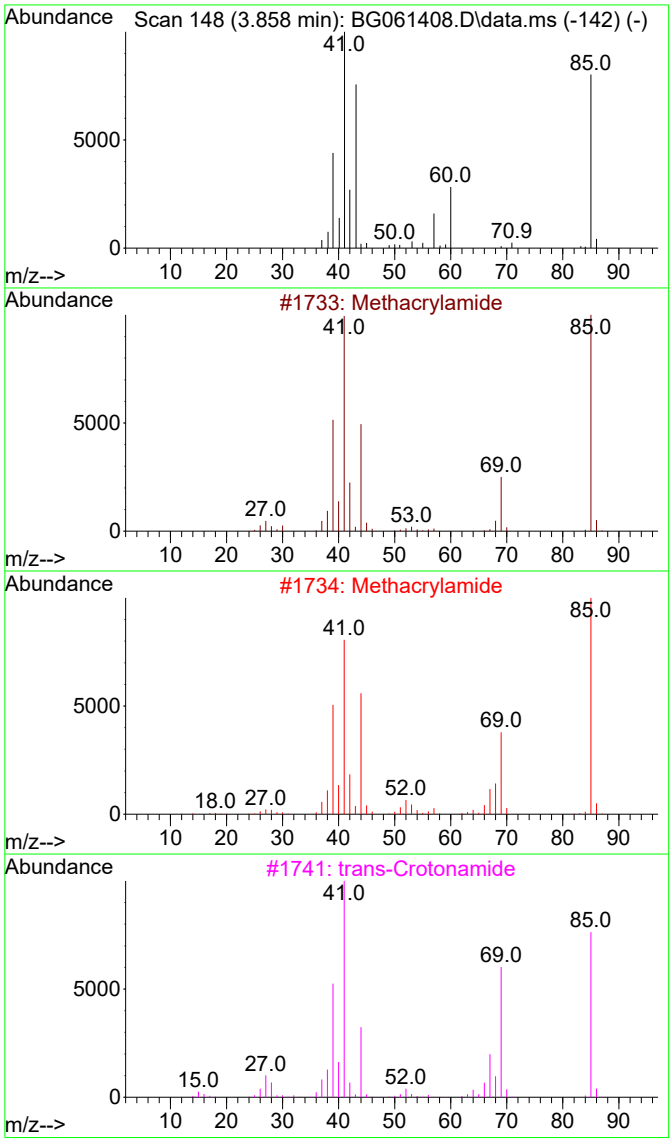
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

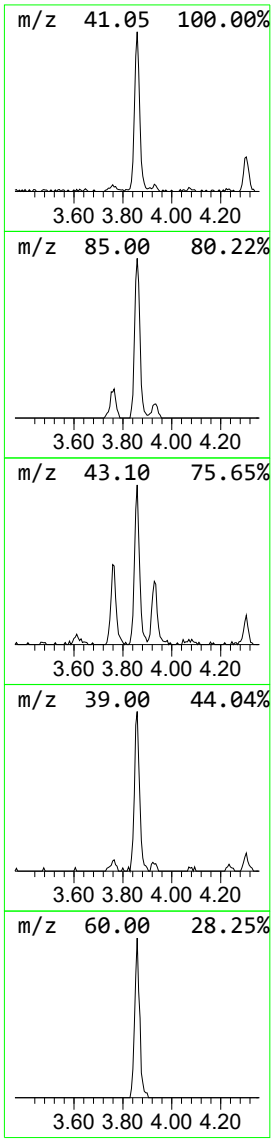
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Methacrylamide Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.858 | 11.90 ng/ul | 117150 | 1,4-Dichlorobenzene-d4 | 7.871 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methacrylamide | 85 | C4H7NO | 000079-39-0 | 50 |
| 2 | Methacrylamide | 85 | C4H7NO | 000079-39-0 | 38 |
| 3 | trans-Crotonamide | 85 | C4H7NO | 000625-37-6 | 33 |
| 4 | 2-Pyrrolidinone | 85 | C4H7NO | 000616-45-5 | 32 |
| 5 | 2-Pyrrolidinone | 85 | C4H7NO | 000616-45-5 | 32 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

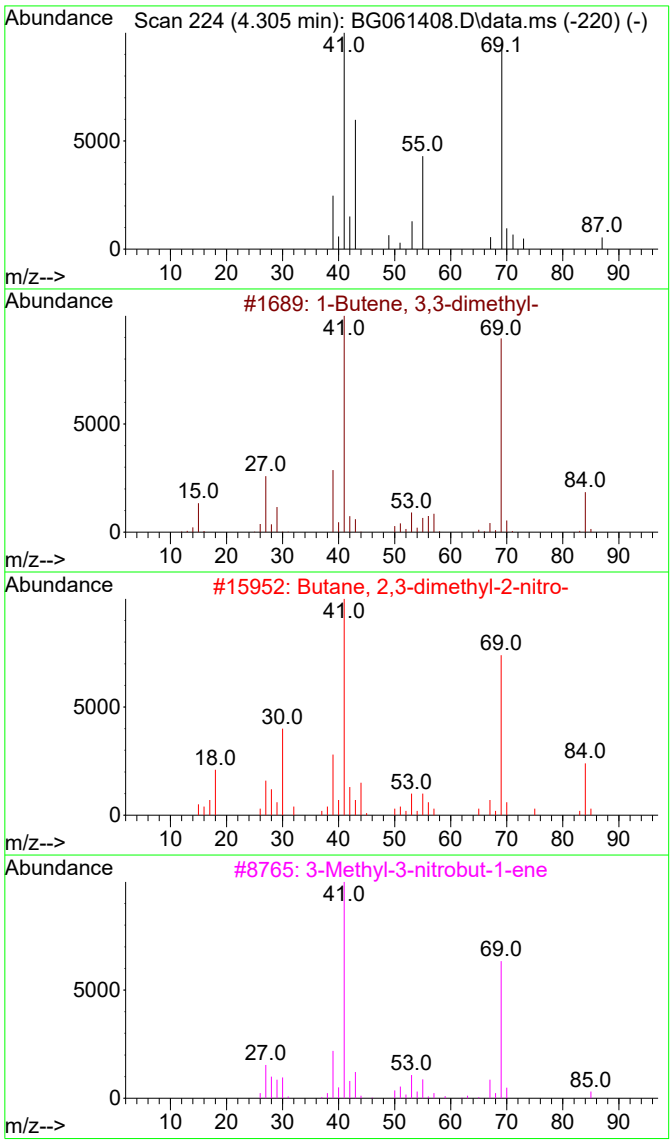
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

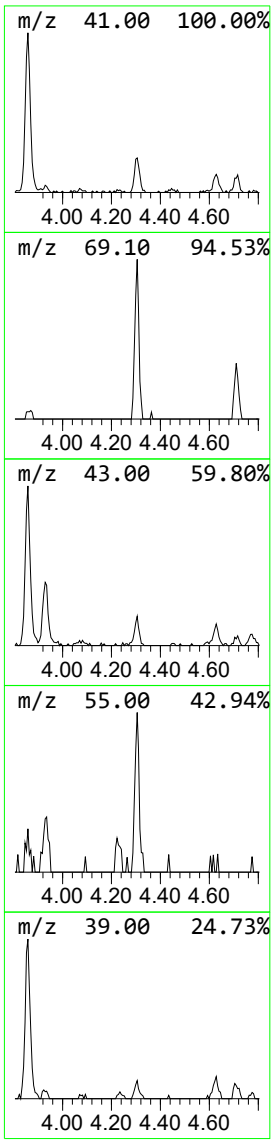
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.305 | 2.25 ng/ul | 22135 | 1,4-Dichlorobenzene-d4 | 7.871 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Butene, 3,3-dimethyl- | 84 | C6H12 | 000558-37-2 | 40 |
| 2 | Butane, 2,3-dimethyl-2-nitro- | 131 | C6H13NO2 | 034075-28-0 | 39 |
| 3 | 3-Methyl-3-nitrobut-1-ene | 115 | C5H9NO2 | 001809-67-2 | 9 |
| 4 | 3-Butyn-2-ol, 2-methyl- | 84 | C5H8O | 000115-19-5 | 9 |
| 5 | 1-Hexene, 4,5-dimethyl- | 112 | C8H16 | 016106-59-5 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

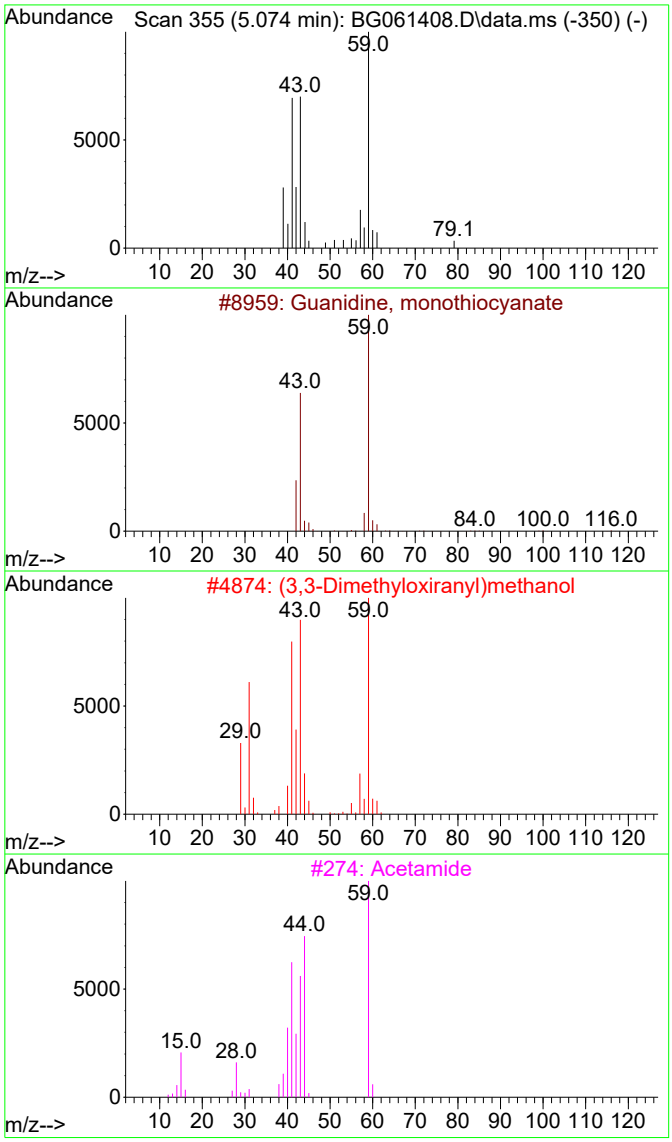
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

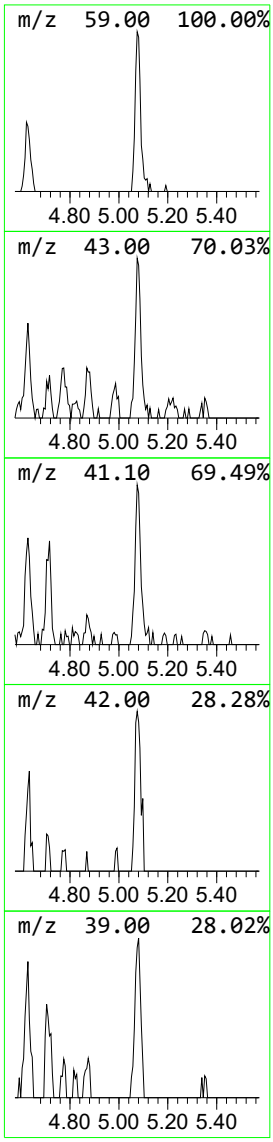
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Guanidine, monothiocyanate Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.074 | 2.89 ng/ul | 28491 | 1,4-Dichlorobenzene-d4 | 7.871 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Guanidine, monothiocyanate | 116 | C2H4N4S | 056960-89-5 | 50 |
| 2 | (3,3-Dimethyloxiranyl)methanol | 102 | C5H10O2 | 1010306-71-7 | 40 |
| 3 | Acetamide | 59 | C2H5NO | 000060-35-5 | 40 |
| 4 | Silane, dimethyl- | 60 | C2H8Si | 001111-74-6 | 36 |
| 5 | Silane, dimethyl- | 60 | C2H8Si | 001111-74-6 | 36 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

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

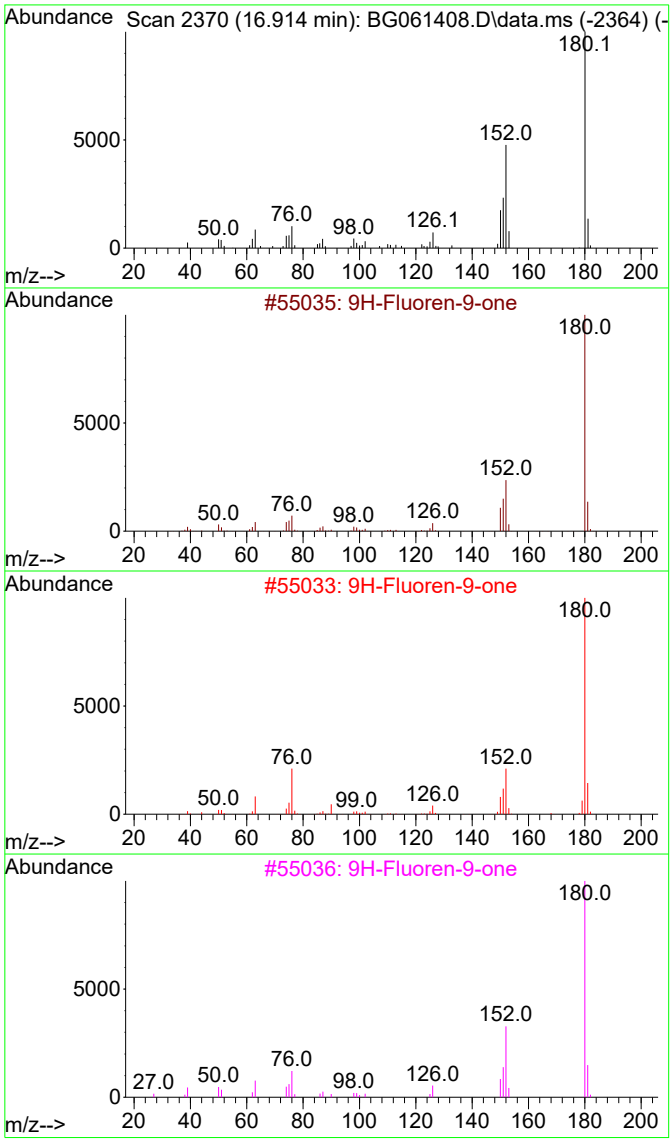
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

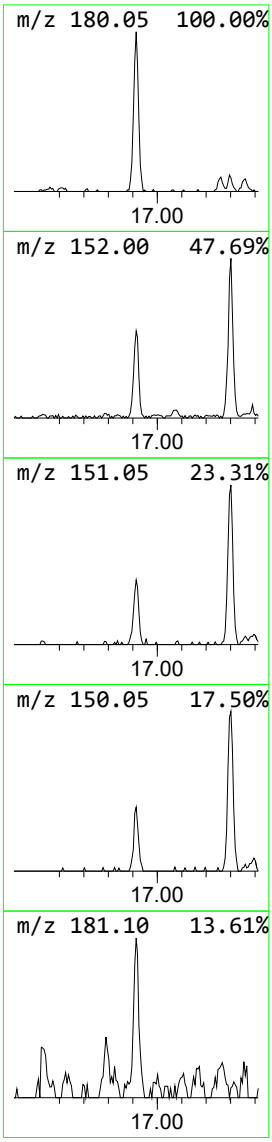
**********

Peak Number 6 9H-Fluoren-9-one Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.913 | 3.42 ng/ul | 87353 | Phenanthrene-d10 | 17.260 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 96 |
| 2 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 95 |
| 3 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 94 |
| 4 | Benzo[h]cinnoline | 180 | C12H8N2 | 000230-31-9 | 91 |
| 5 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 91 |



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Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

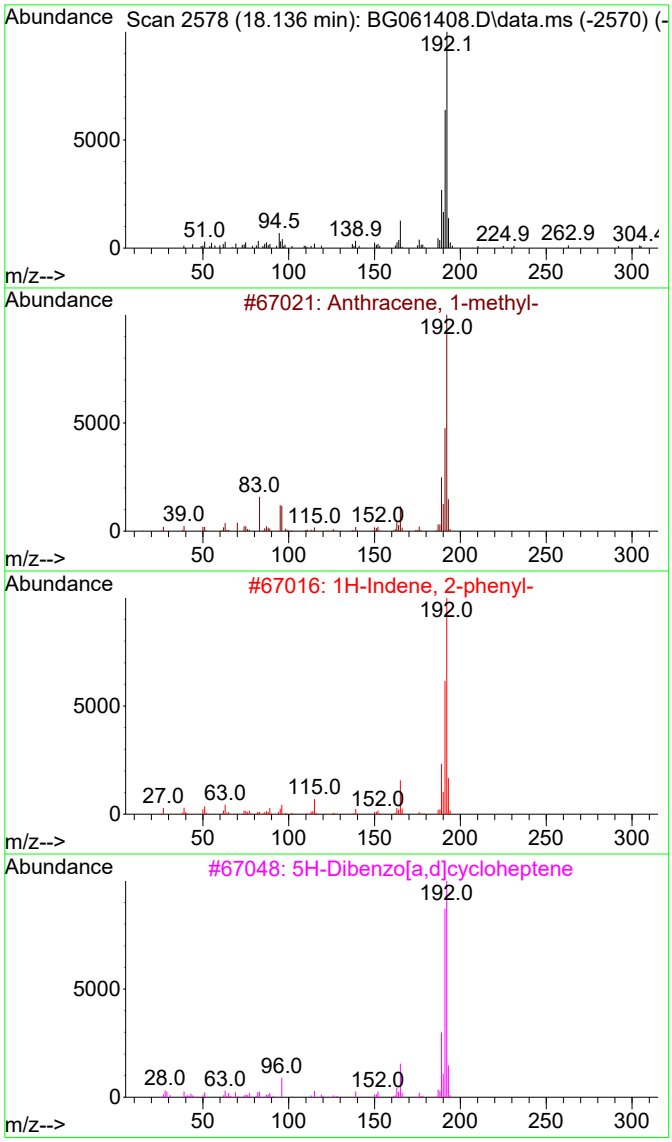
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

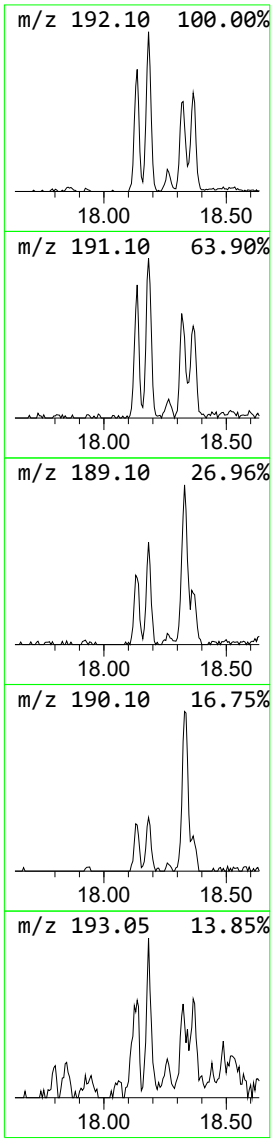
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.136 | 3.16 ng/ul | 80674 | Phenanthrene-d10 | 17.260 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 91 |
| 2 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 91 |
| 3 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 91 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 90 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

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

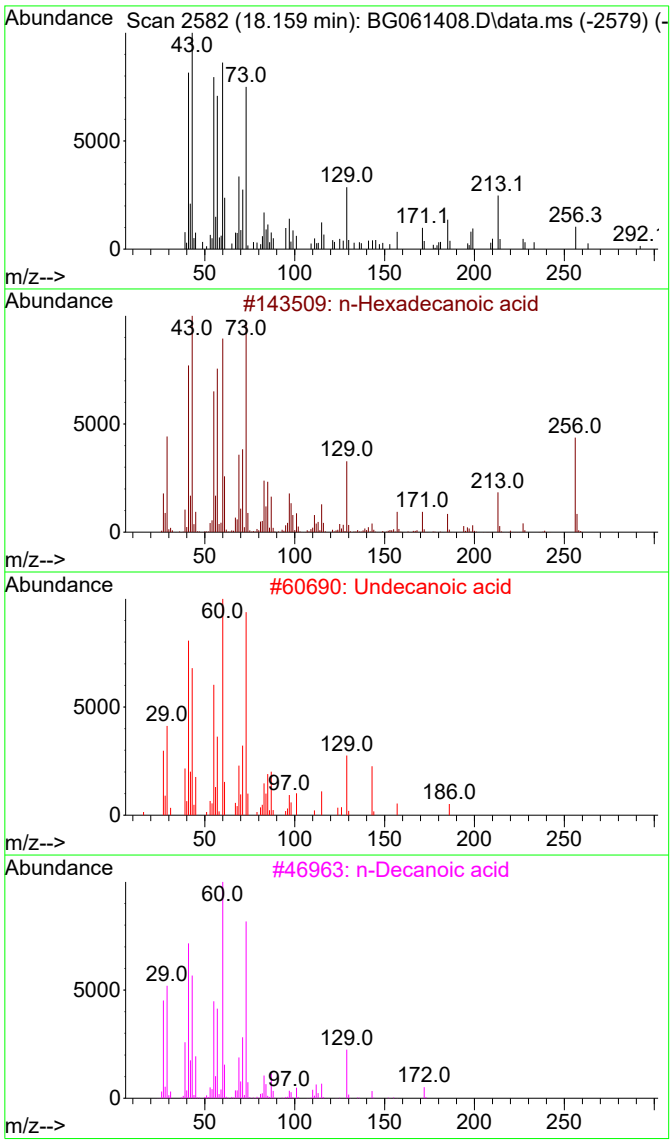
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

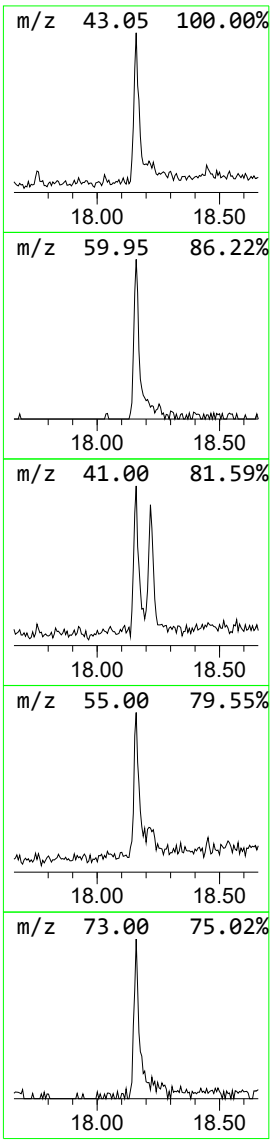
**********

Peak Number 8 n-Hexadecanoic acid Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.159 | 3.51 ng/ul | 89835 | Phenanthrene-d10 | 17.260 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 64 |
| 2 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 49 |
| 3 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 49 |
| 4 | Benzamide, 4-butoxy-N-[2-(2-thie... | 303 | C17H21NO2S | 1000319-87-5 | 47 |
| 5 | 12-Bromododecanoic acid | 278 | C12H23BrO2 | 073367-80-3 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

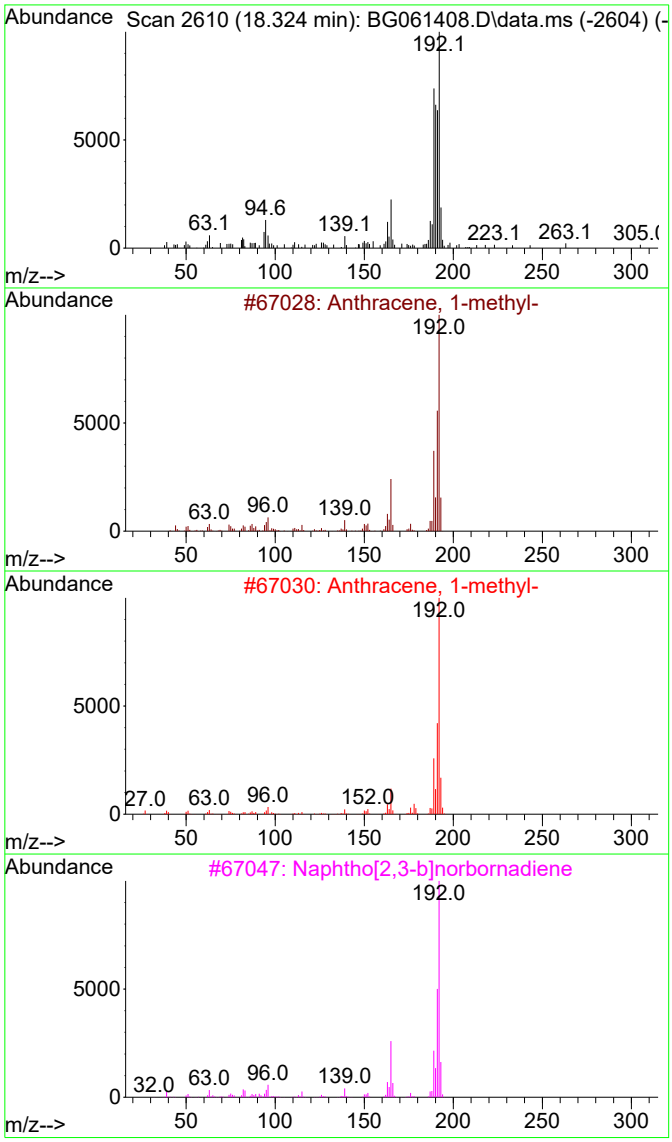
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

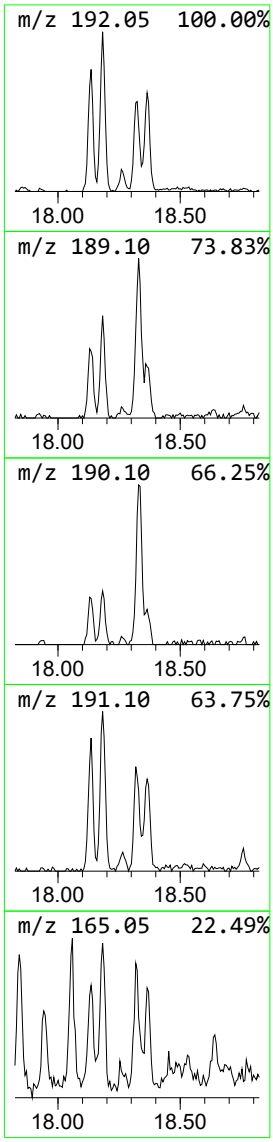
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Naphtho[2,3-b]norbornadiene Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.324 | 4.73 ng/ul | 120907 | Phenanthrene-d10 | 17.260 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 86 |
| 2 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 55 |
| 3 | Naphtho[2,3-b]norbornadiene | 192 | C15H12 | 107426-38-0 | 50 |
| 4 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 50 |
| 5 | 8,9-Dihydrocyclopenta[def]phenan... | 192 | C15H12 | 027410-55-5 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
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Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

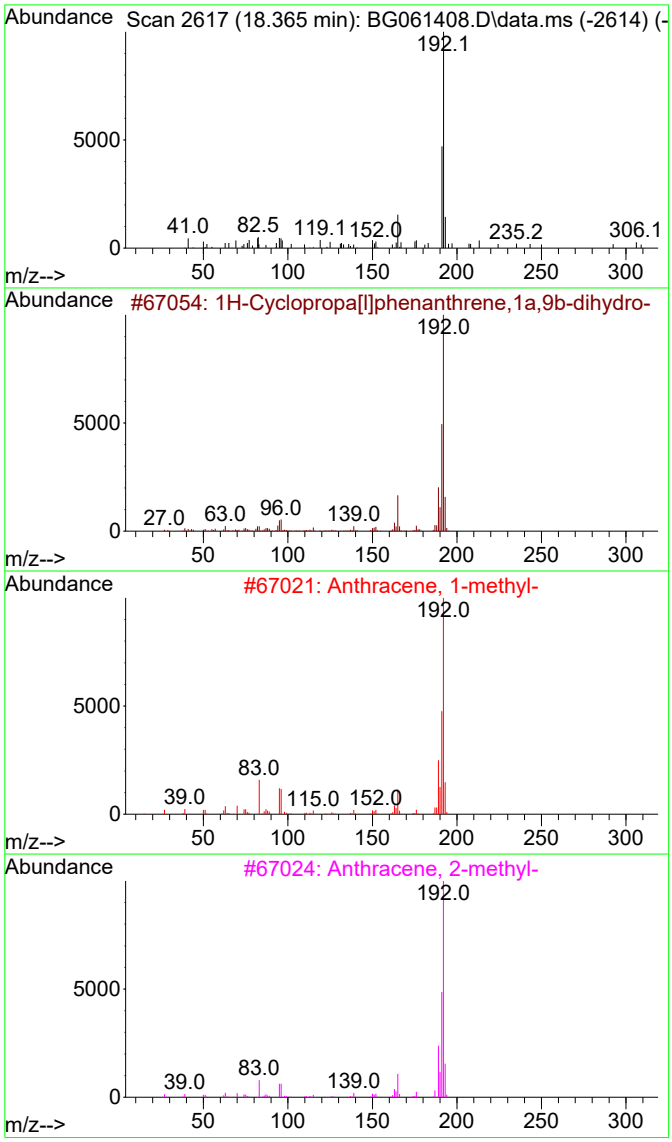
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

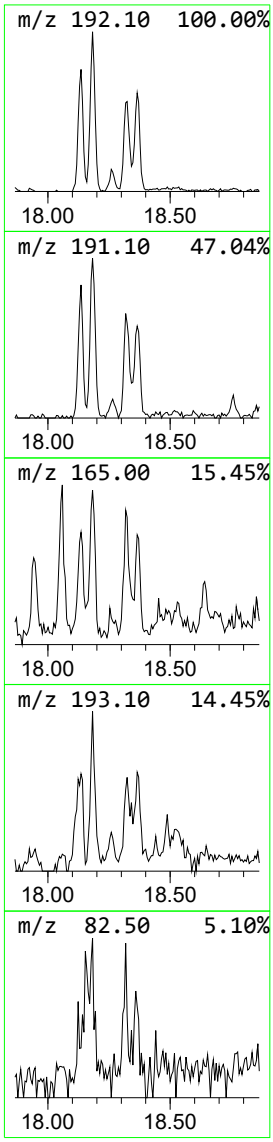
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.365 | 2.48 ng/ul | 63514 | Phenanthrene-d10 | 17.260 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 90 |
| 2 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 87 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 87 |
| 4 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 87 |
| 5 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

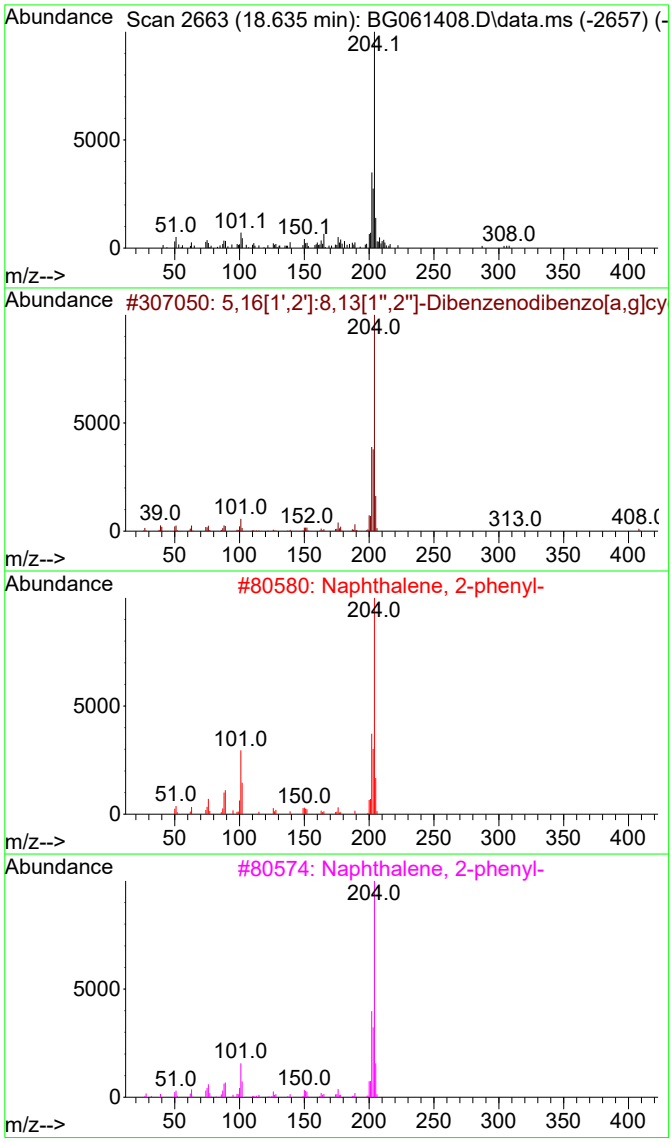
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

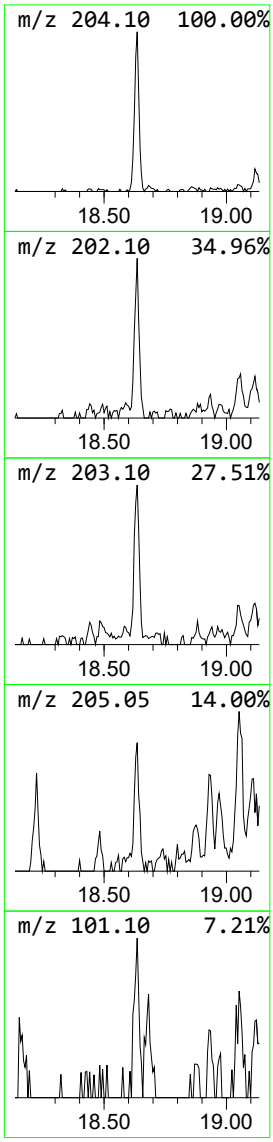
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.635 | 2.75 ng/ul | 70423 | Phenanthrene-d10 | 17.260 |

| 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 | 76 |
| 3 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 76 |
| 4 | [1,1'-Biphenyl]-2,2'-dicarbonitrile | 204 | C14H8N2 | 004341-02-0 | 70 |
| 5 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

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

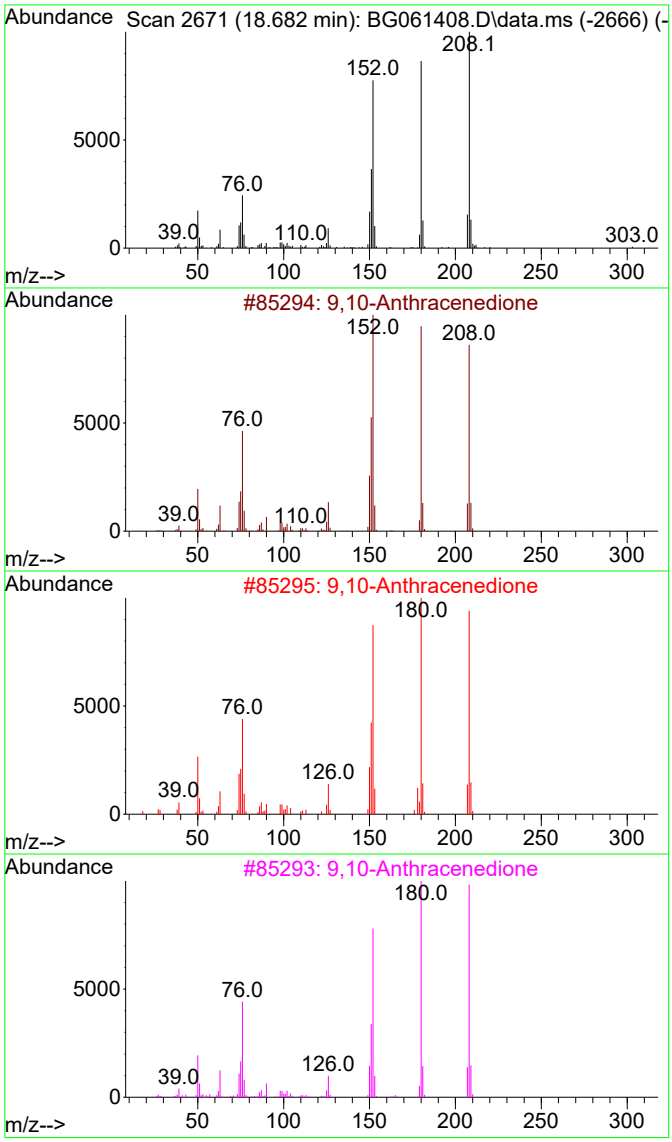
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

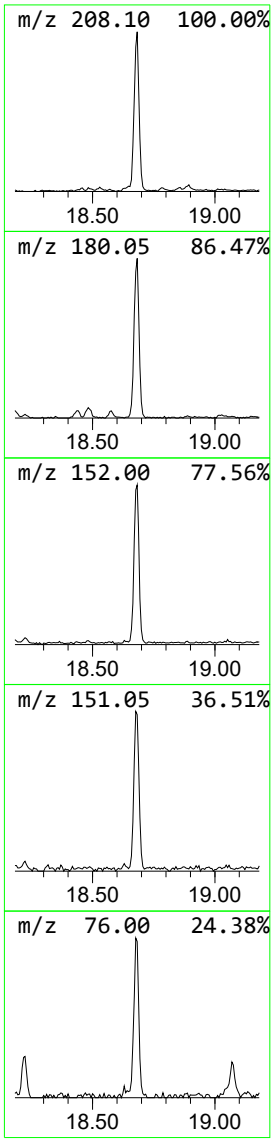
**********

Peak Number 12 9,10-Anthracenedione Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.682 | 13.52 ng/ul | 345670 | Phenanthrene-d10 | 17.260 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 97 |
| 2 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 96 |
| 3 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 94 |
| 4 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 93 |
| 5 | 1H-Phenalen-1-one | 180 | C13H8O | 000548-39-0 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

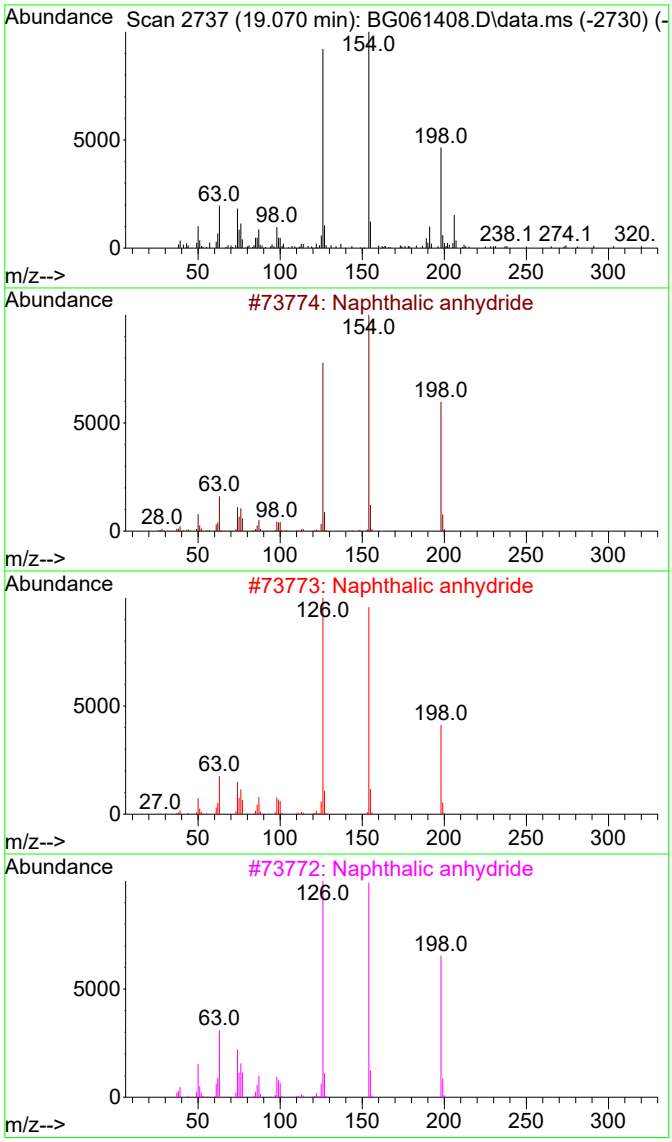
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

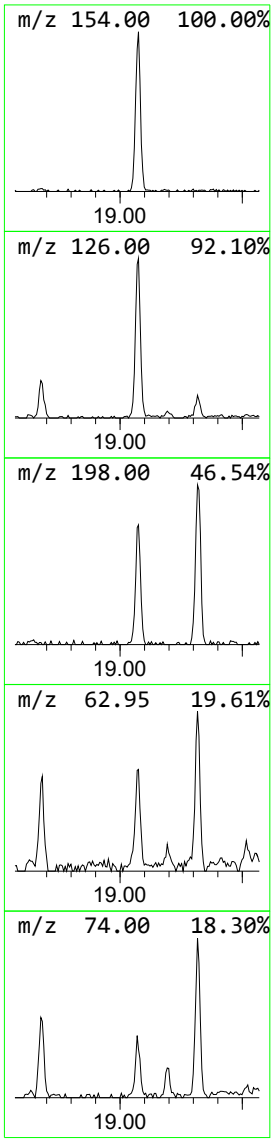
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Naphthalic anhydride Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.070 | 7.97 ng/ul | 203796 | Phenanthrene-d10 | 17.260 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalic anhydride | 198 | C12H6O3 | 000081-84-5 | 97 |
| 2 | Naphthalic anhydride | 198 | C12H6O3 | 000081-84-5 | 95 |
| 3 | Naphthalic anhydride | 198 | C12H6O3 | 000081-84-5 | 91 |
| 4 | Naphthalic anhydride | 198 | C12H6O3 | 000081-84-5 | 76 |
| 5 | Naphtho[1,2-c]furan-1,3-dione | 198 | C12H6O3 | 005343-99-7 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

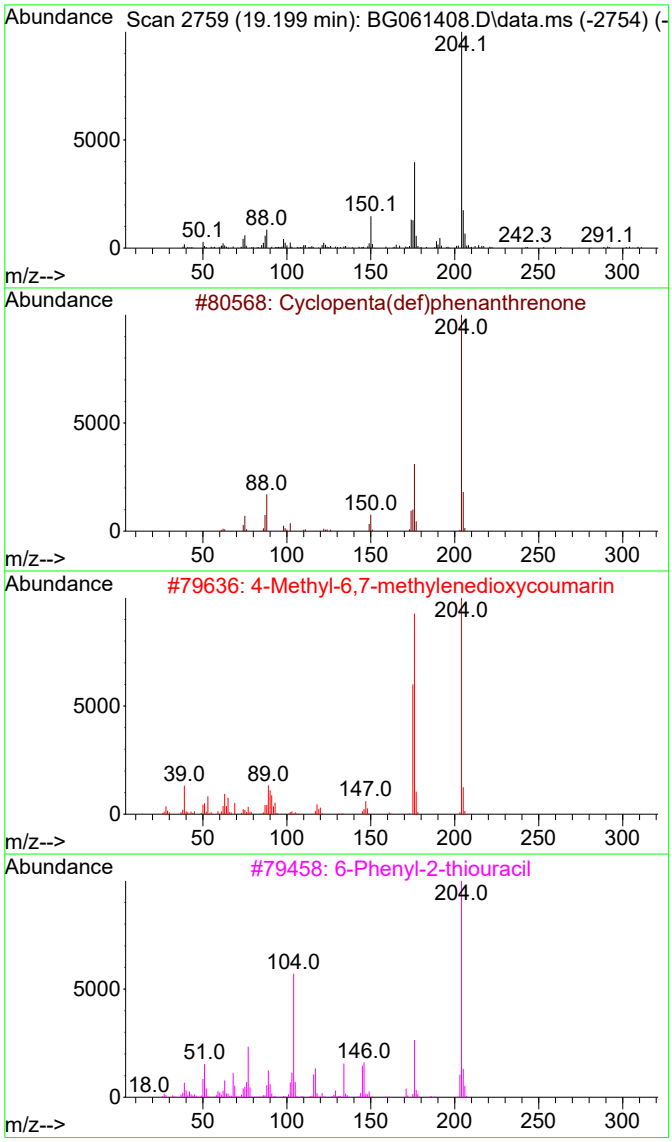
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

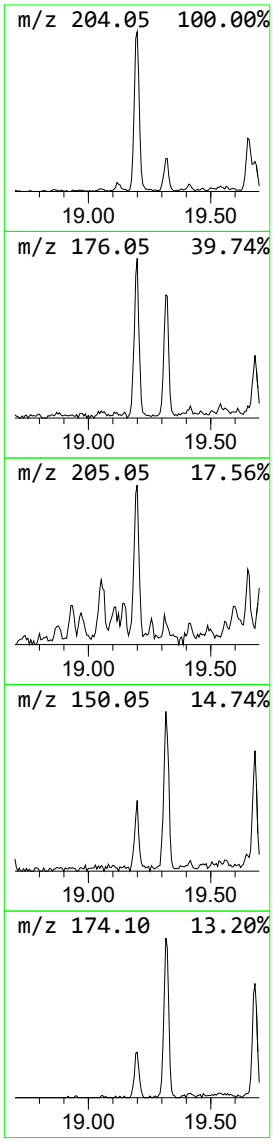
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.199 | 7.51 ng/ul | 191890 | Phenanthrene-d10 | 17.260 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 91 |
| 2 | 4-Methyl-6,7-methylenedioxycoumarin | 204 | C11H8O4 | 015071-04-2 | 59 |
| 3 | 6-Phenyl-2-thiouracil | 204 | C10H8N2OS | 005590-94-3 | 45 |
| 4 | (2R,3S,4S,5R,6R)-2-(Hydroxymethy... | 552 | C24H56O6Si4 | 1000513-21-4 | 43 |
| 5 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

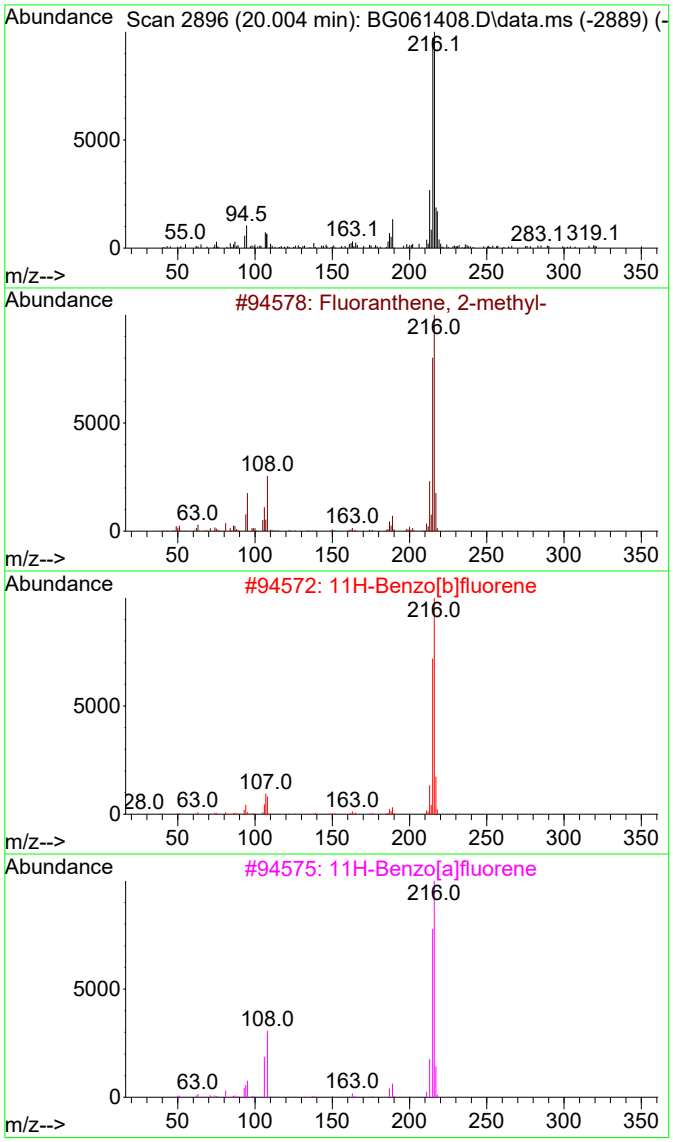
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

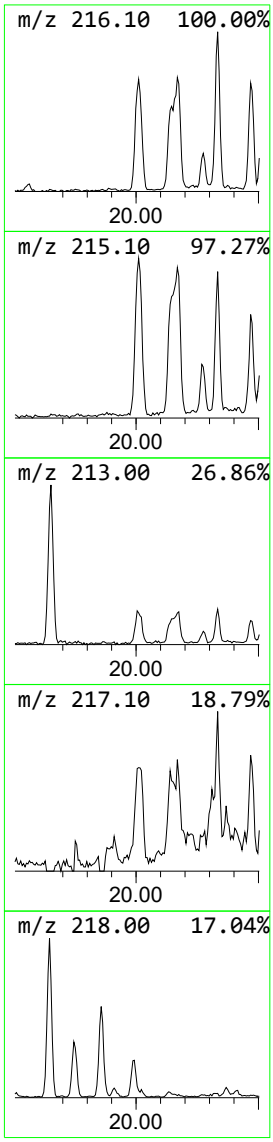
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.004 | 2.79 ng/ul | 220502 | Chrysene-d12 | 21.514 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 91 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 90 |
| 3 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 83 |
| 4 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 83 |
| 5 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

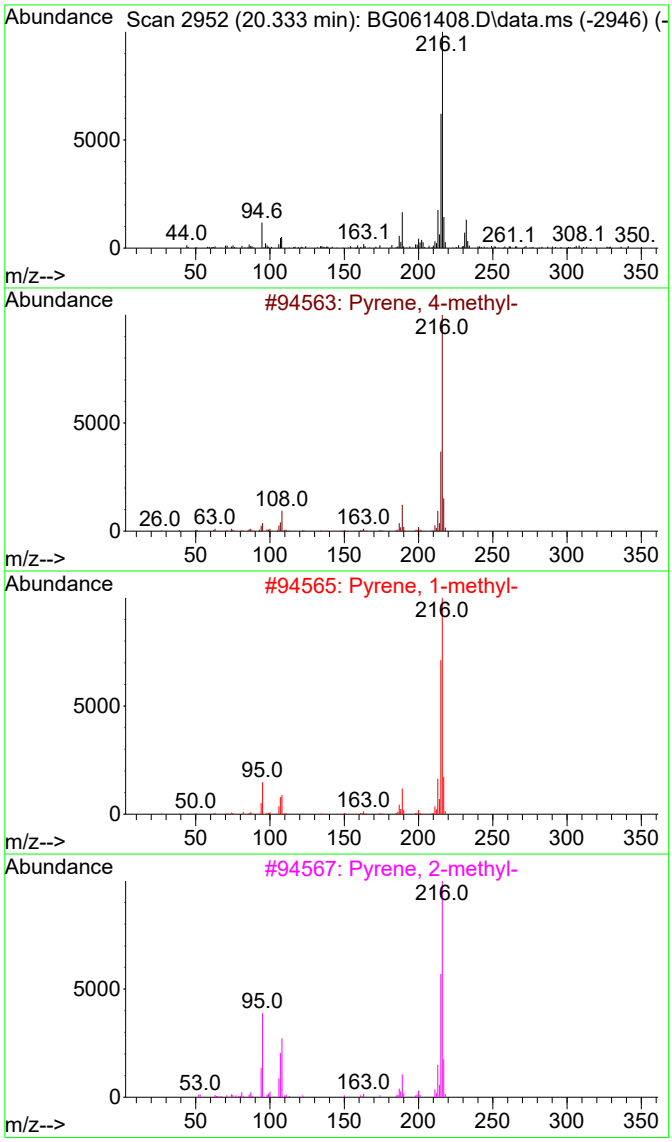
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

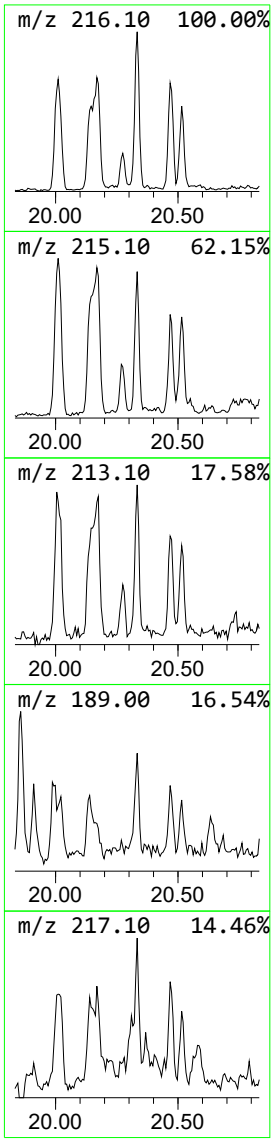
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Pyrene, 4-methyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.333 | 2.05 ng/ul | 162593 | Chrysene-d12 | 21.514 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 93 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 91 |
| 3 | Pyrene, 2-methyl- | 216 | C17H12 | 003442-78-2 | 87 |
| 4 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 87 |
| 5 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

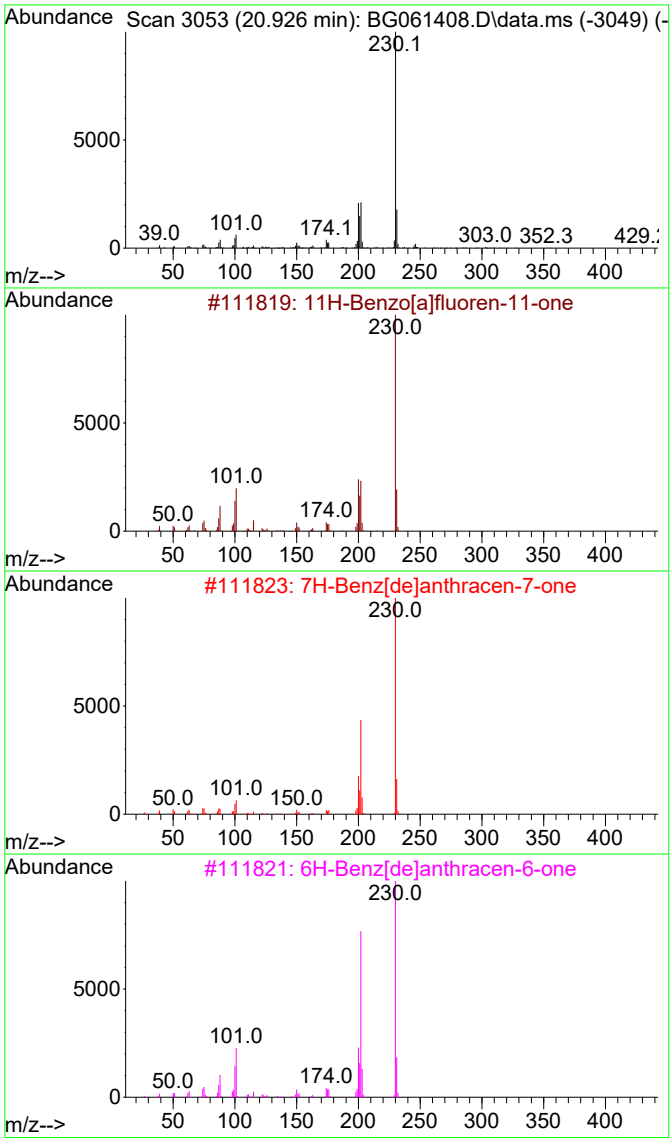
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

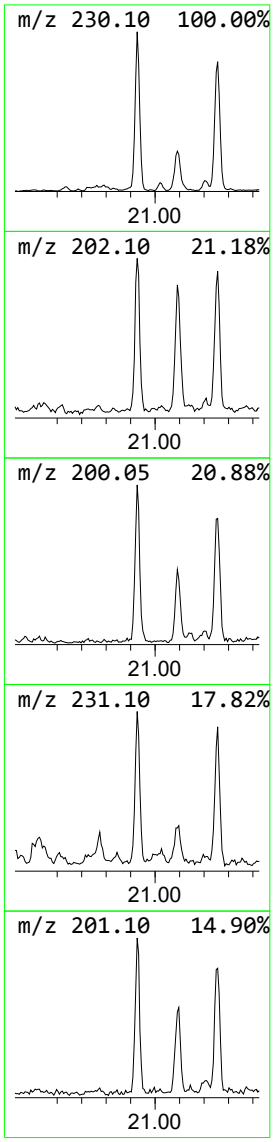
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.927 | 4.23 ng/ul | 334902 | Chrysene-d12 | 21.514 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 96 |
| 2 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 90 |
| 3 | 6H-Benz[de]anthracen-6-one | 230 | C17H10O | 080252-14-8 | 90 |
| 4 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 87 |
| 5 | 1-Pyrenecarboxaldehyde | 230 | C17H10O | 003029-19-4 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

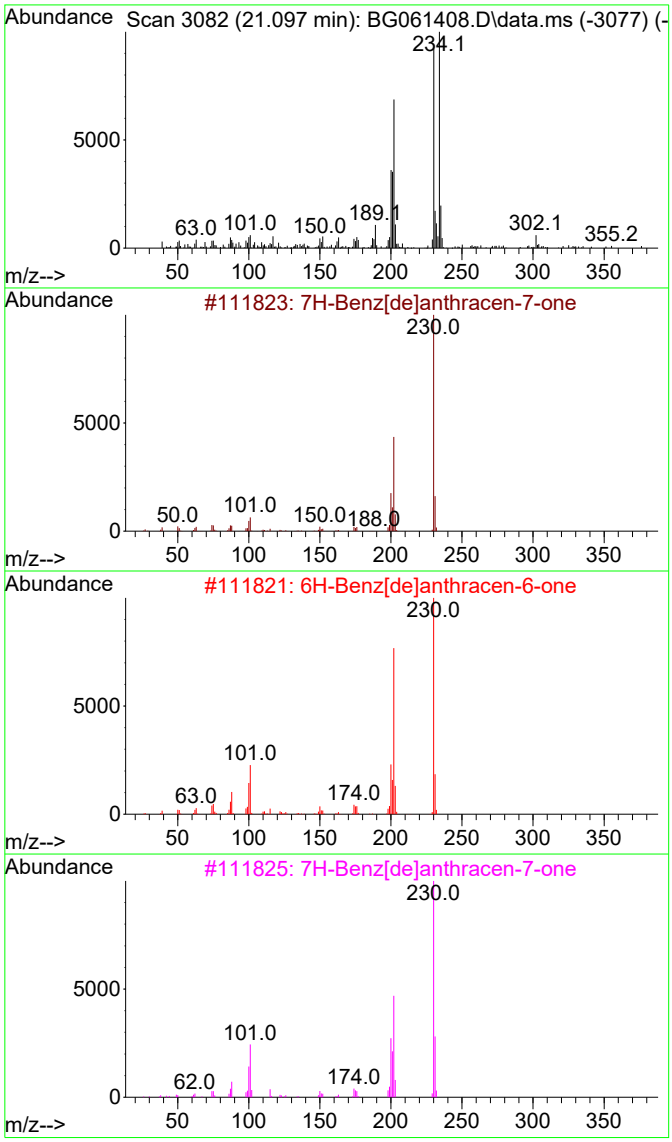
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

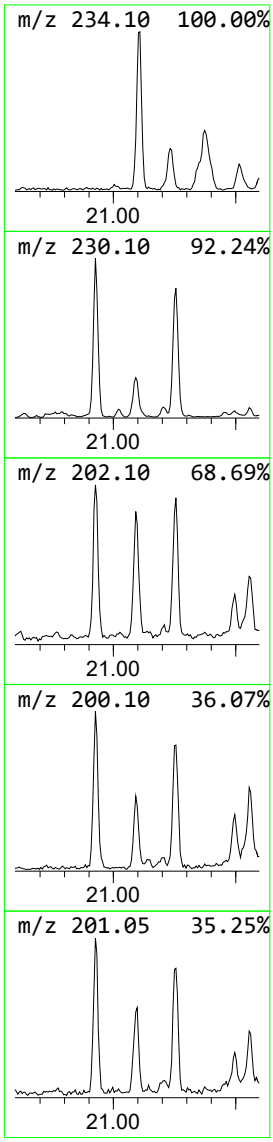
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.097 | 3.22 ng/ul | 254696 | Chrysene-d12 | 21.514 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 64 |
| 2 | 6H-Benz[de]anthracen-6-one | 230 | C17H10O | 080252-14-8 | 50 |
| 3 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 49 |
| 4 | Benzo[b]naphtho[2,1-d]thiophene | 234 | C16H10S | 000239-35-0 | 46 |
| 5 | Benzo[b]naphtho[2,3-d]thiophene | 234 | C16H10S | 000243-46-9 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

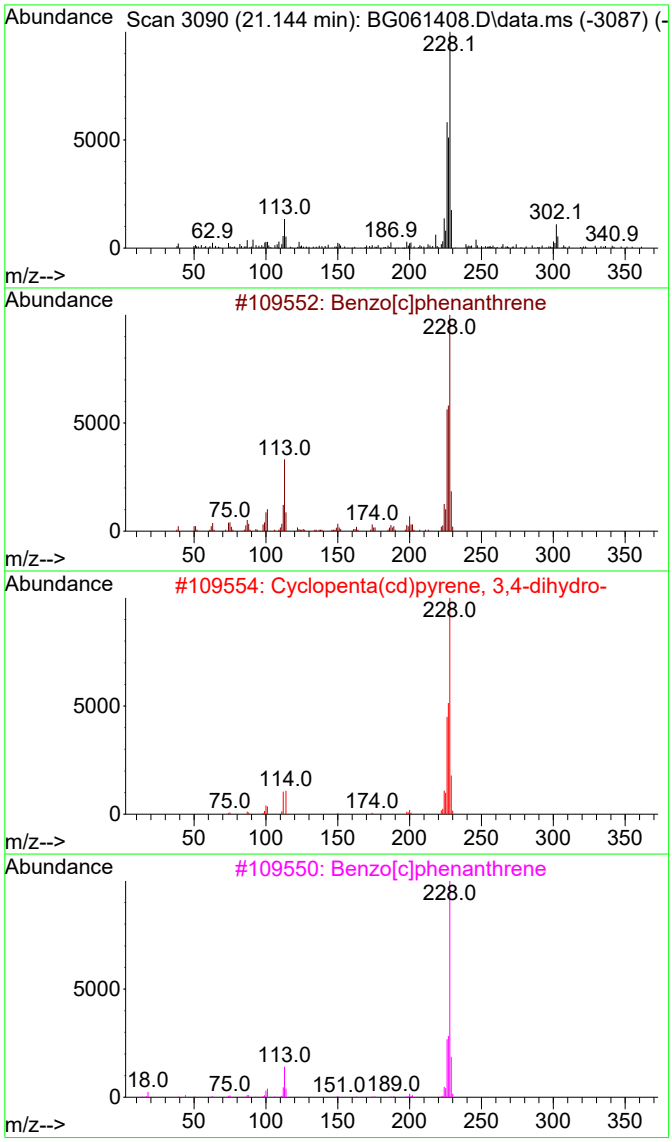
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

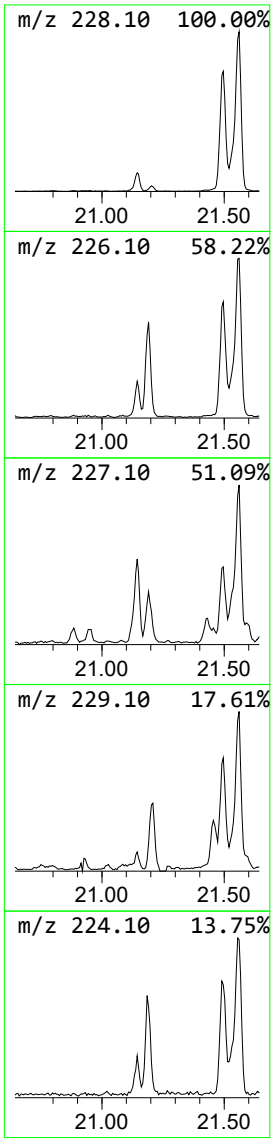
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Benzo[c]phenanthrene Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.144 | 2.31 ng/ul | 183107 | Chrysene-d12 | 21.514 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[c]phenanthrene | 228 | C18H12 | 000195-19-7 | 58 |
| 2 | Cyclopenta(cd)pyrene, 3,4-dihydro- | 228 | C18H12 | 025732-74-5 | 53 |
| 3 | Benzo[c]phenanthrene | 228 | C18H12 | 000195-19-7 | 49 |
| 4 | 1-Phenyl-1H-pyrazolo[3,4-d]pyrim... | 228 | C11H8N4S | 1000476-87-5 | 47 |
| 5 | Benzo[c]phenanthrene | 228 | C18H12 | 000195-19-7 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

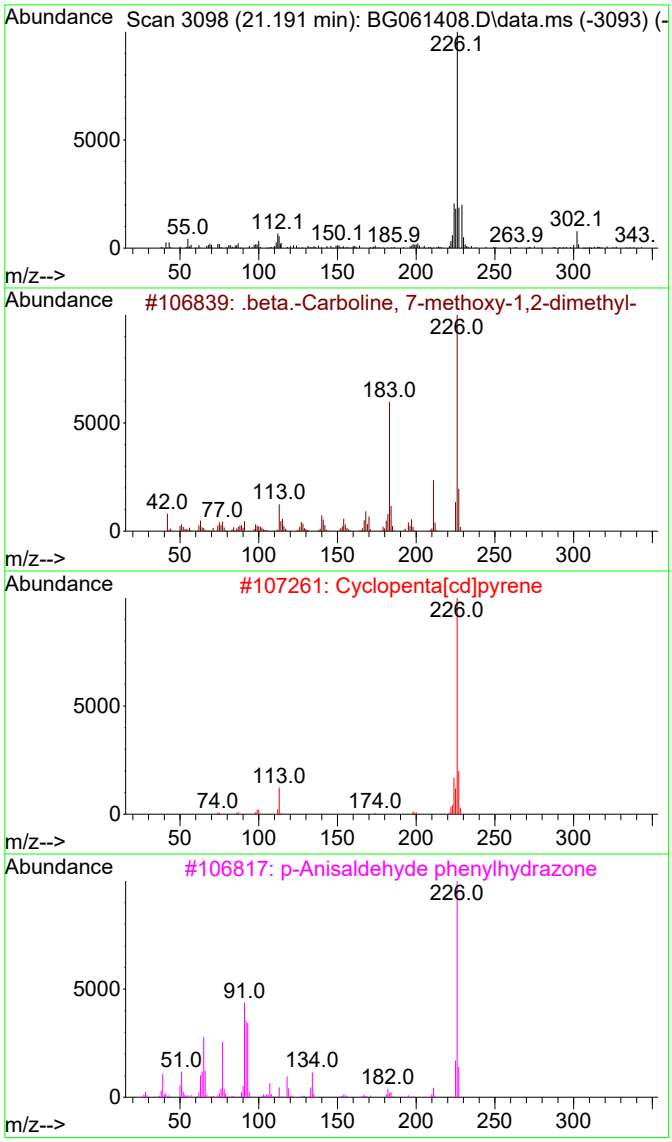
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

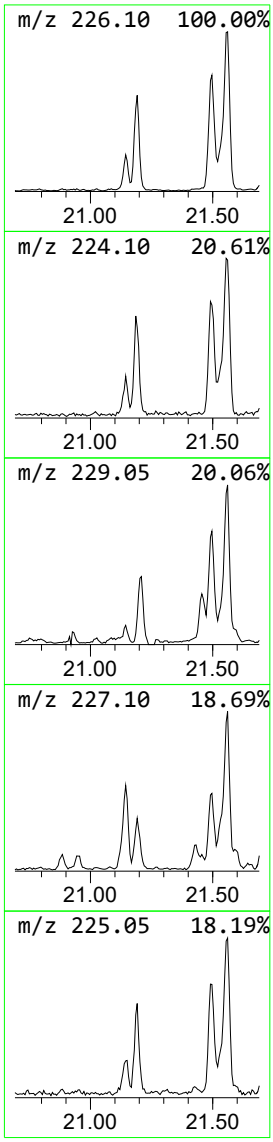
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 .beta.-Carboline, 7-methoxy... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.191 | 5.42 ng/ul | 429211 | Chrysene-d12 | 21.514 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .beta.-Carboline, 7-methoxy-1,2-... | 226 | C14H14N2O | 006519-18-2 | 50 |
| 2 | Cyclopenta[cd]pyrene | 226 | C18H10 | 027208-37-3 | 49 |
| 3 | p-Anisaldehyde phenylhydrazone | 226 | C14H14N2O | 000622-73-1 | 47 |
| 4 | 1,8-Diazacyclotetradecane-2,7-dione | 226 | C12H22N2O2 | 004266-66-4 | 43 |
| 5 | 1,3-Diamino-5,6-dihydro-7-methyl... | 226 | C13H14N4 | 037436-37-6 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

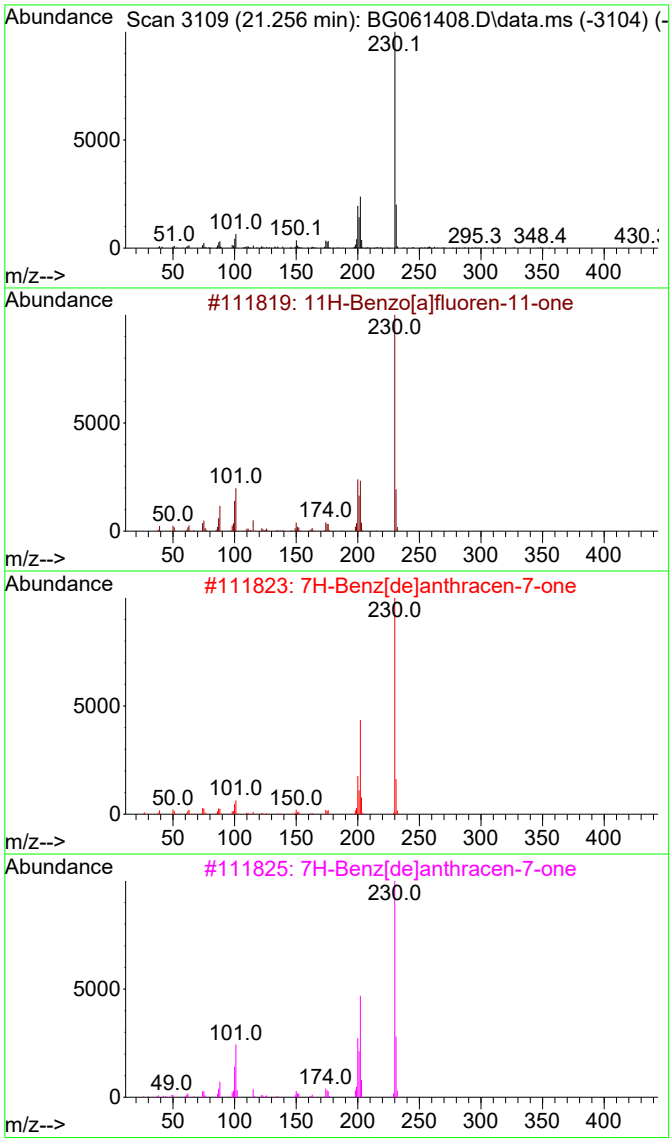
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

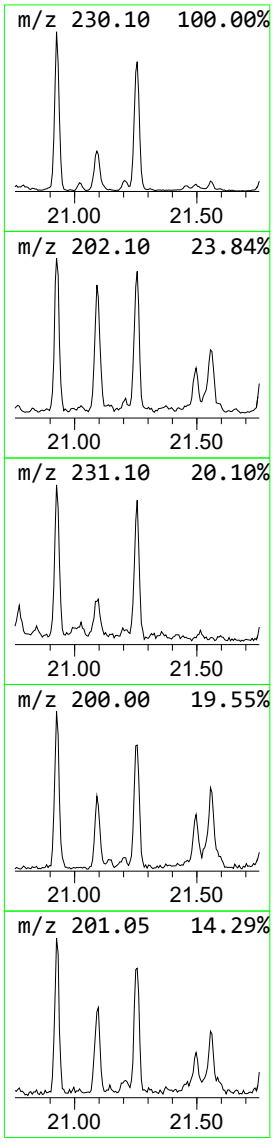
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 6H-Benz[de]anthracen-6-one Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.256 | 5.84 ng/ul | 462445 | Chrysene-d12 | 21.514 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 94 |
| 2 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 87 |
| 3 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 83 |
| 4 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 83 |
| 5 | 6H-Benz[de]anthracen-6-one | 230 | C17H10O | 080252-14-8 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

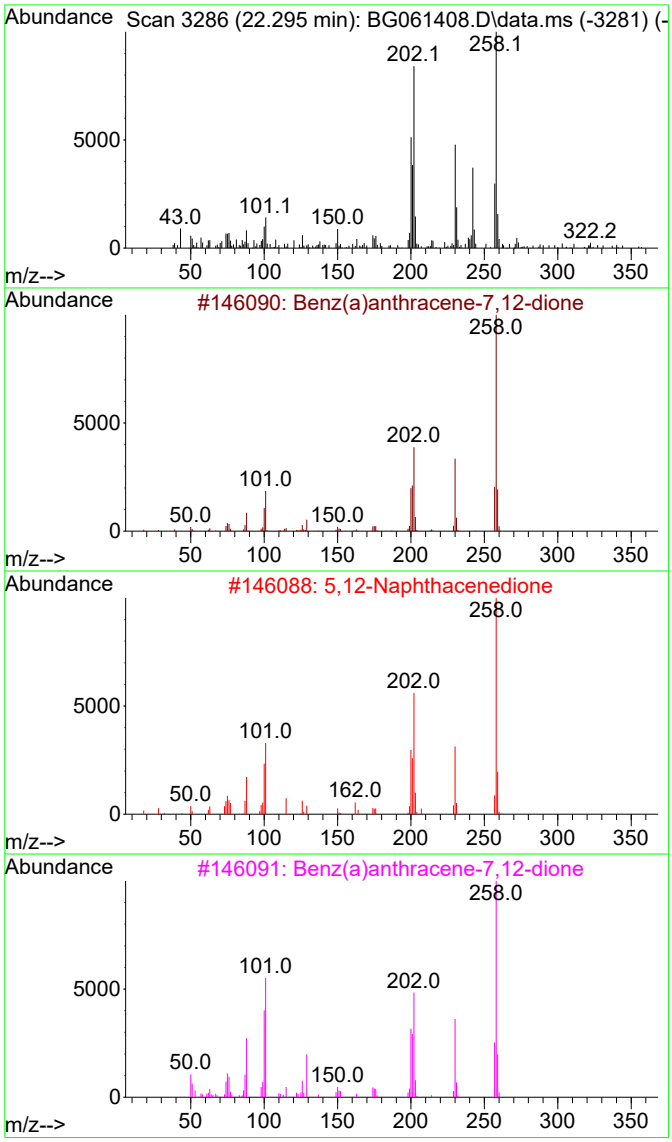
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

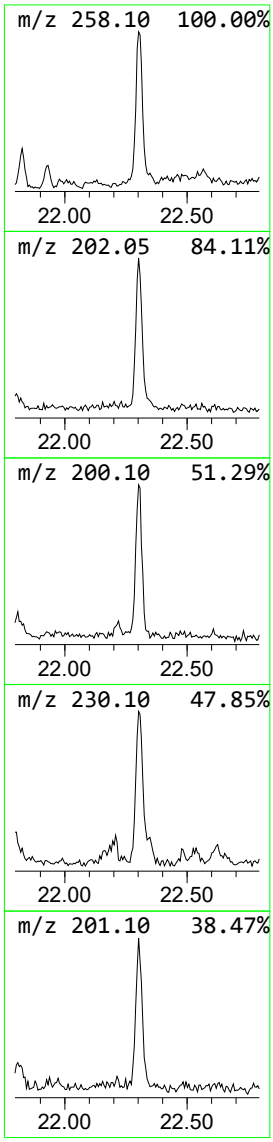
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Benz(a)anthracene-7,12-dione Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.296 | 3.10 ng/ul | 245291 | Chrysene-d12 | 21.514 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benz(a)anthracene-7,12-dione | 258 | C18H10O2 | 002498-66-0 | 93 |
| 2 | 5,12-Naphthacenedione | 258 | C18H10O2 | 001090-13-7 | 91 |
| 3 | Benz(a)anthracene-7,12-dione | 258 | C18H10O2 | 002498-66-0 | 89 |
| 4 | 5,12-Naphthacenedione | 258 | C18H10O2 | 001090-13-7 | 81 |
| 5 | 5,12-Naphthacenedione | 258 | C18H10O2 | 001090-13-7 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

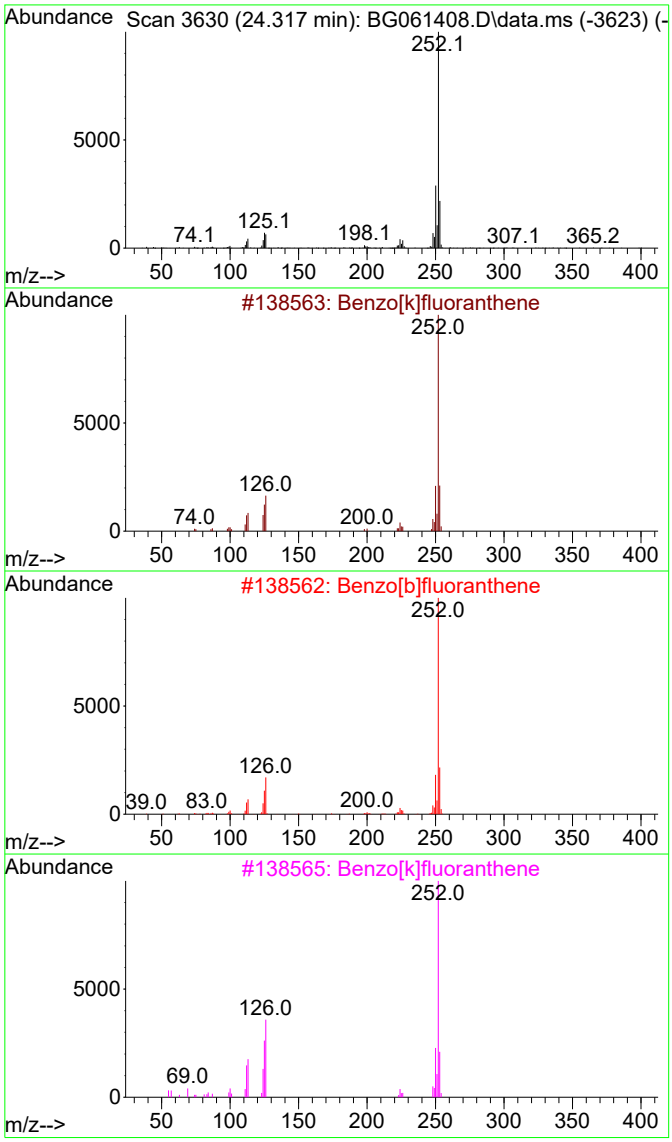
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

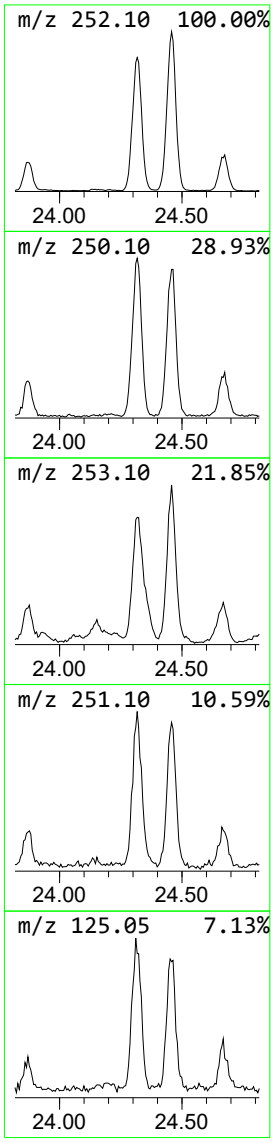
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 Benzo[j]fluoranthene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.317 | 21.30 ng/ul | 636256 | Perylene-d12 | 24.605 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 95 |
| 2 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 90 |
| 3 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 90 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 90 |
| 5 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 89 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061408.D
Acq On : 1 Jun 2024 1:43
Operator : MA/JU
Sample : P2588-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BH6D8

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 |
| Ethanone, 1-cyc... | 3.036 | 8.4 | ng/ul | 82922 | 1 | 7.871 | 196869 | 20.0 |
| Butane, 2-metho... | 3.083 | 260.3 | ng/ul | 2561860 | 1 | 7.871 | 196869 | 20.0 |
| Methacrylamide | 3.858 | 11.9 | ng/ul | 117150 | 1 | 7.871 | 196869 | 20.0 |
| (DEL) Alkane: S... | 4.305 | 2.3 | ng/ul | 22135 | 1 | 7.871 | 196869 | 20.0 |
| Guanidine, mono... | 5.074 | 2.9 | ng/ul | 28491 | 1 | 7.871 | 196869 | 20.0 |
| 9H-Fluoren-9-one | 16.913 | 3.4 | ng/ul | 87353 | 4 | 17.260 | 511339 | 20.0 |
| Anthracene, 1-m... | 18.136 | 3.2 | ng/ul | 80674 | 4 | 17.260 | 511339 | 20.0 |
| n-Hexadecanoic ... | 18.159 | 3.5 | ng/ul | 89835 | 4 | 17.260 | 511339 | 20.0 |
| Naphtho[2,3-b]n... | 18.324 | 4.7 | ng/ul | 120907 | 4 | 17.260 | 511339 | 20.0 |
| 1H-Cyclopropa[l... | 18.365 | 2.5 | ng/ul | 63514 | 4 | 17.260 | 511339 | 20.0 |
| 5,16[1',2']:8,1... | 18.635 | 2.8 | ng/ul | 70423 | 4 | 17.260 | 511339 | 20.0 |
| 9,10-Anthracene... | 18.682 | 13.5 | ng/ul | 345670 | 4 | 17.260 | 511339 | 20.0 |
| Naphthalic anhy... | 19.070 | 8.0 | ng/ul | 203796 | 4 | 17.260 | 511339 | 20.0 |
| Cyclopenta(def)... | 19.199 | 7.5 | ng/ul | 191890 | 4 | 17.260 | 511339 | 20.0 |
| Fluoranthene, 2... | 20.004 | 2.8 | ng/ul | 220502 | 5 | 21.514 | 1583390 | 20.0 |
| Pyrene, 4-methyl- | 20.333 | 2.0 | ng/ul | 162593 | 5 | 21.514 | 1583390 | 20.0 |
| 11H-Benzo[a]flu... | 20.927 | 4.2 | ng/ul | 334902 | 5 | 21.514 | 1583390 | 20.0 |
| 7H-Benz[de]anth... | 21.097 | 3.2 | ng/ul | 254696 | 5 | 21.514 | 1583390 | 20.0 |
| Benzo[c]phenant... | 21.144 | 2.3 | ng/ul | 183107 | 5 | 21.514 | 1583390 | 20.0 |
| .beta.-Carbolin... | 21.191 | 5.4 | ng/ul | 429211 | 5 | 21.514 | 1583390 | 20.0 |
| 6H-Benz[de]anth... | 21.256 | 5.8 | ng/ul | 462445 | 5 | 21.514 | 1583390 | 20.0 |
| Benz(a)anthrace... | 22.296 | 3.1 | ng/ul | 245291 | 5 | 21.514 | 1583390 | 20.0 |
| Benzo[j]fluoran... | 24.317 | 21.3 | ng/ul | 636256 | 6 | 24.605 | 597500 | 20.0 |