LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054124.D
Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054124.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.168 | 297 | 303 | 311 | rBV | 18871 | 32462 | 1.43% | 0.124% |
| 2 | 5.638 | 377 | 383 | 392 | rBV | 196247 | 339259 | 14.99% | 1.301% |
| 3 | 7.230 | 647 | 654 | 664 | rBV | 230848 | 409897 | 18.11% | 1.572% |
| 4 | 8.070 | 790 | 797 | 804 | rBV | 82106 | 141377 | 6.25% | 0.542% |
| 5 | 9.228 | 987 | 994 | 1003 | rBV | 141110 | 264058 | 11.67% | 1.013% |
| 6 | 10.879 | 1266 | 1275 | 1280 | rBV | 119610 | 225787 | 9.98% | 0.866% |
| 7 | 10.931 | 1280 | 1284 | 1292 | rVB | 70984 | 126467 | 5.59% | 0.485% |
| 8 | 12.530 | 1550 | 1556 | 1563 | rBB | 27667 | 44633 | 1.97% | 0.171% |
| 9 | 12.747 | 1587 | 1593 | 1599 | rBB | 14720 | 23835 | 1.05% | 0.091% |
| 10 | 13.323 | 1682 | 1691 | 1698 | rBV | 438699 | 729772 | 32.24% | 2.798% |
| 11 | 14.698 | 1915 | 1925 | 1930 | rBV | 204904 | 338847 | 14.97% | 1.299% |
| 12 | 14.762 | 1930 | 1936 | 1942 | rVB | 171242 | 285992 | 12.64% | 1.097% |
| 13 | 15.091 | 1985 | 1992 | 1999 | rBV | 63107 | 100072 | 4.42% | 0.384% |
| 14 | 15.743 | 2096 | 2103 | 2112 | rBV | 113853 | 183107 | 8.09% | 0.702% |
| 15 | 15.902 | 2127 | 2130 | 2135 | rVB2 | 17662 | 25196 | 1.11% | 0.097% |
| 16 | 16.037 | 2149 | 2153 | 2160 | rVB | 19055 | 29387 | 1.30% | 0.113% |
| 17 | 16.184 | 2171 | 2178 | 2186 | rBV | 312662 | 515603 | 22.78% | 1.977% |
| 18 | 16.407 | 2208 | 2216 | 2223 | rVB6 | 12336 | 27493 | 1.21% | 0.105% |
| 19 | 16.742 | 2262 | 2273 | 2278 | rBV3 | 16941 | 46965 | 2.07% | 0.180% |
| 20 | 17.095 | 2328 | 2333 | 2340 | rVB2 | 24372 | 40977 | 1.81% | 0.157% |
| 21 | 17.195 | 2340 | 2350 | 2354 | rBV4 | 25165 | 52120 | 2.30% | 0.200% |
| 22 | 17.259 | 2354 | 2361 | 2369 | rVB | 44251 | 75119 | 3.32% | 0.288% |
| 23 | 17.441 | 2386 | 2392 | 2395 | rBV | 250314 | 411754 | 18.19% | 1.579% |
| 24 | 17.488 | 2395 | 2400 | 2406 | rVV | 836481 | 1347049 | 59.51% | 5.165% |
| 25 | 17.577 | 2406 | 2415 | 2420 | rVV | 219822 | 371748 | 16.42% | 1.425% |
| 26 | 17.629 | 2420 | 2424 | 2431 | rVB | 33135 | 52084 | 2.30% | 0.200% |
| 27 | 17.841 | 2449 | 2460 | 2466 | rBV2 | 115913 | 217282 | 9.60% | 0.833% |
| 28 | 18.317 | 2531 | 2541 | 2545 | rBV | 93819 | 160896 | 7.11% | 0.617% |
| 29 | 18.364 | 2545 | 2549 | 2557 | rVB | 128772 | 206183 | 9.11% | 0.791% |
| 30 | 18.446 | 2557 | 2563 | 2568 | rBV | 48911 | 85155 | 3.76% | 0.327% |
| 31 | 18.517 | 2568 | 2575 | 2579 | rBV2 | 174150 | 330961 | 14.62% | 1.269% |
| 32 | 18.810 | 2620 | 2625 | 2629 | rBV | 78912 | 116153 | 5.13% | 0.445% |
| 33 | 18.852 | 2629 | 2632 | 2638 | rVB | 37811 | 54792 | 2.42% | 0.210% |
| 34 | 19.057 | 2663 | 2667 | 2671 | rVB | 24659 | 30716 | 1.36% | 0.118% |
| 35 | 19.228 | 2691 | 2696 | 2702 | rBV | 41603 | 88411 | 3.91% | 0.339% |
| 36 | 19.369 | 2716 | 2720 | 2728 | rBV2 | 38273 | 67036 | 2.96% | 0.257% |

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054124.D
Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 19.498 | 2735 | 2742 | 2748 | rBV | 1314051 | 1992783 | 88.04% | 7.641% |
| 38 | 19.551 | 2748 | 2751 | 2754 | rVV2 | 19496 | 28027 | 1.24% | 0.107% |
| 39 | 19.586 | 2754 | 2757 | 2761 | rVB3 | 31709 | 43632 | 1.93% | 0.167% |
| 40 | 19.674 | 2769 | 2772 | 2776 | rBV5 | 16368 | 27609 | 1.22% | 0.106% |
| 41 | 19.733 | 2779 | 2782 | 2787 | rVV | 40577 | 61389 | 2.71% | 0.235% |
| 42 | 19.856 | 2791 | 2803 | 2810 | rBV2 | 1096041 | 2263468 | 100.00% | 8.679% |
| 43 | 19.921 | 2810 | 2814 | 2819 | rVV2 | 49188 | 66403 | 2.93% | 0.255% |
| 44 | 20.050 | 2828 | 2836 | 2840 | rBV2 | 764073 | 1186107 | 52.40% | 4.548% |
| 45 | 20.091 | 2840 | 2843 | 2848 | rVB | 85278 | 120358 | 5.32% | 0.462% |
| 46 | 20.168 | 2851 | 2856 | 2858 | rBV | 82034 | 136222 | 6.02% | 0.522% |
| 47 | 20.226 | 2863 | 2866 | 2870 | rVB | 34547 | 42870 | 1.89% | 0.164% |
| 48 | 20.315 | 2876 | 2881 | 2882 | rBV4 | 43998 | 71089 | 3.14% | 0.273% |
| 49 | 20.344 | 2882 | 2886 | 2891 | rVB | 249481 | 374763 | 16.56% | 1.437% |
| 50 | 20.444 | 2898 | 2903 | 2907 | rBV | 246382 | 351461 | 15.53% | 1.348% |
| 51 | 20.503 | 2907 | 2913 | 2916 | rVV2 | 118662 | 225973 | 9.98% | 0.866% |
| 52 | 20.538 | 2916 | 2919 | 2923 | rVV | 87691 | 125299 | 5.54% | 0.480% |
| 53 | 20.579 | 2924 | 2926 | 2930 | rVB2 | 30418 | 35340 | 1.56% | 0.136% |
| 54 | 20.644 | 2933 | 2937 | 2940 | rBV | 60771 | 80607 | 3.56% | 0.309% |
| 55 | 20.691 | 2941 | 2945 | 2949 | rVV2 | 58511 | 79514 | 3.51% | 0.305% |
| 56 | 21.067 | 3005 | 3009 | 3012 | rBV3 | 31301 | 55486 | 2.45% | 0.213% |
| 57 | 21.108 | 3013 | 3016 | 3023 | rVB | 72752 | 121477 | 5.37% | 0.466% |
| 58 | 21.296 | 3042 | 3048 | 3051 | rBV2 | 98409 | 174391 | 7.70% | 0.669% |
| 59 | 21.343 | 3051 | 3056 | 3060 | rVV2 | 133945 | 257616 | 11.38% | 0.988% |
| 60 | 21.390 | 3060 | 3064 | 3069 | rVV2 | 125314 | 237583 | 10.50% | 0.911% |
| 61 | 21.443 | 3070 | 3073 | 3078 | rVB2 | 69383 | 104529 | 4.62% | 0.401% |
| 62 | 21.701 | 3107 | 3117 | 3124 | rBV3 | 863769 | 2074189 | 91.64% | 7.953% |
| 63 | 21.766 | 3124 | 3128 | 3140 | rVB | 606918 | 1154101 | 50.99% | 4.425% |
| 64 | 21.919 | 3149 | 3154 | 3160 | rBV | 148182 | 270555 | 11.95% | 1.037% |
| 65 | 22.060 | 3174 | 3178 | 3183 | rVB | 76152 | 140747 | 6.22% | 0.540% |
| 66 | 22.124 | 3184 | 3189 | 3197 | rVV2 | 109393 | 219193 | 9.68% | 0.840% |
| 67 | 22.453 | 3242 | 3245 | 3251 | rVB | 95416 | 172897 | 7.64% | 0.663% |
| 68 | 22.530 | 3254 | 3258 | 3265 | rVB | 65374 | 129357 | 5.71% | 0.496% |
| 69 | 22.735 | 3289 | 3293 | 3297 | rBV2 | 49022 | 103766 | 4.58% | 0.398% |
| 70 | 22.782 | 3297 | 3301 | 3309 | rVB4 | 94086 | 192035 | 8.48% | 0.736% |
| 71 | 23.957 | 3491 | 3501 | 3508 | rBV2 | 459370 | 1665038 | 73.56% | 6.385% |
| 72 | 24.204 | 3538 | 3543 | 3553 | rVB | 96525 | 216891 | 9.58% | 0.832% |
| 73 | 24.686 | 3616 | 3625 | 3639 | rVB | 275778 | 886774 | 39.18% | 3.400% |
| 74 | 24.833 | 3640 | 3650 | 3663 | rVB | 412293 | 1220095 | 53.90% | 4.678% |
| 75 | 24.986 | 3667 | 3676 | 3682 | rVV2 | 153270 | 490542 | 21.67% | 1.881% |
| 76 | 25.056 | 3684 | 3688 | 3703 | rVB2 | 111812 | 350637 | 15.49% | 1.345% |

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054124.D
Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 28.716 | 4301 | 4311 | 4332 | rVB2 | 181187 | 929701 | 41.07% | 3.565% |

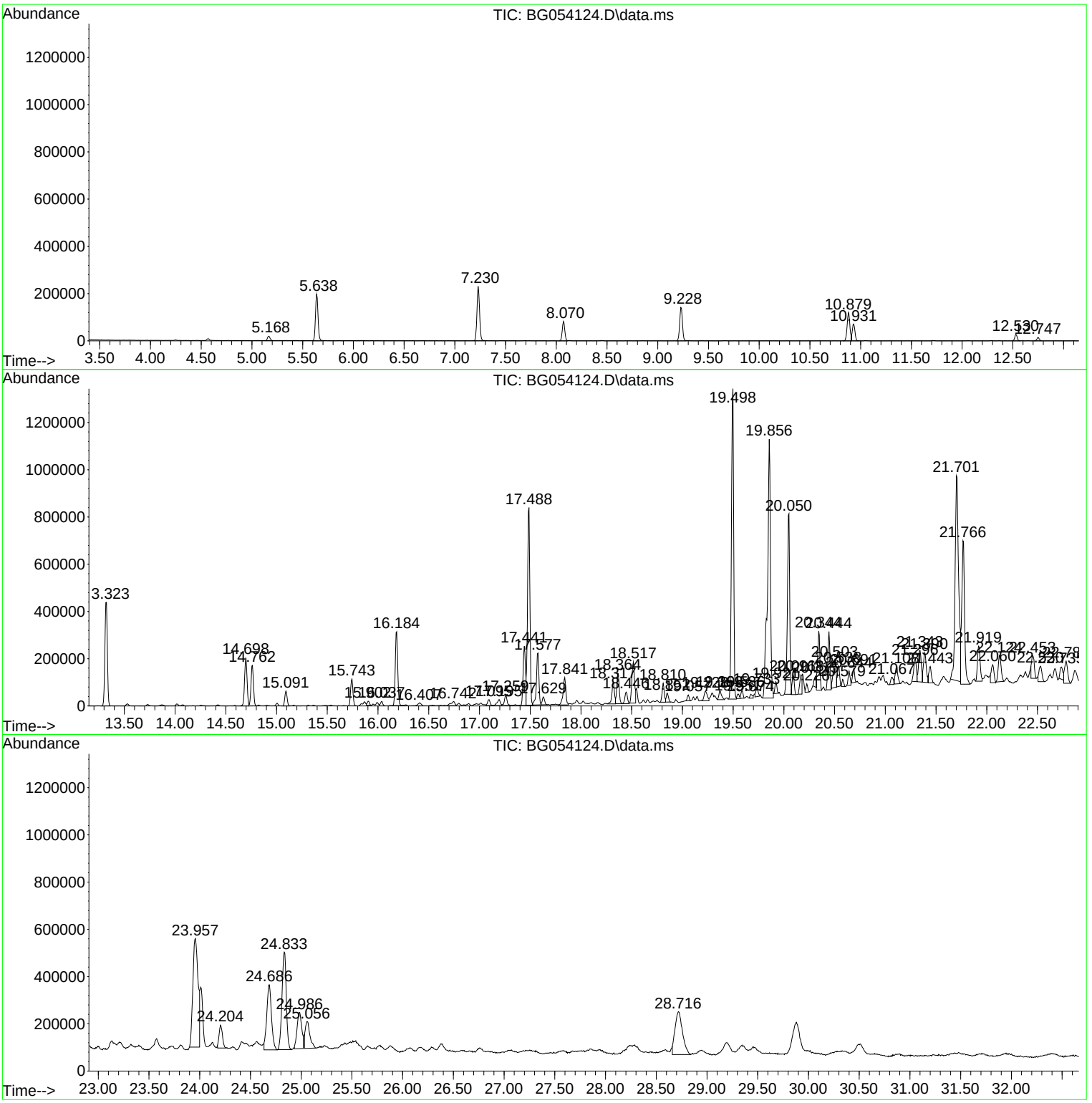
Sum of corrected areas: 26079159

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054124.D
Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054124.D
Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

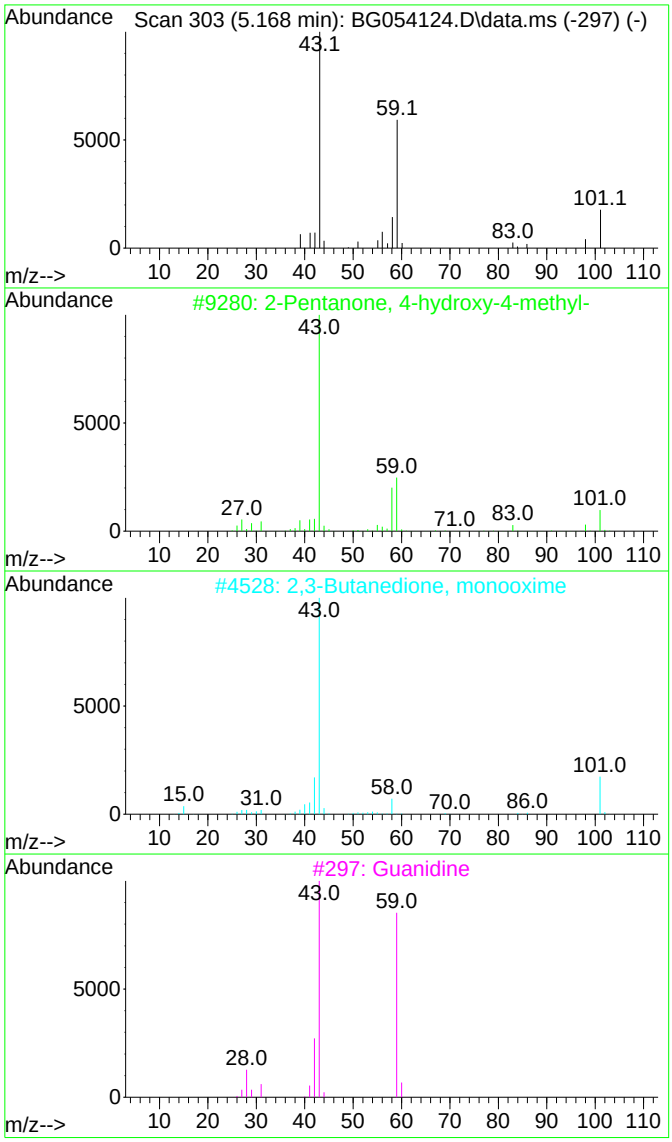
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

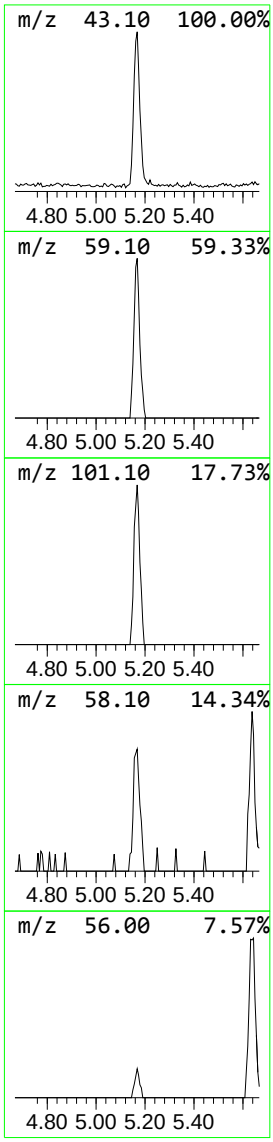
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.168 | 4.59 ng | 32462 | 1,4-Dichlorobenzene-d4 | 8.070 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 59 |
| 2 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 9 |
| 3 | Guanidine | 59 | CH5N3 | 000113-00-8 | 9 |
| 4 | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 9 |
| 5 | Propanoic acid, 2-hydroxy-2-methyl- | 104 | C4H8O3 | 000594-61-6 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054124.D
Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

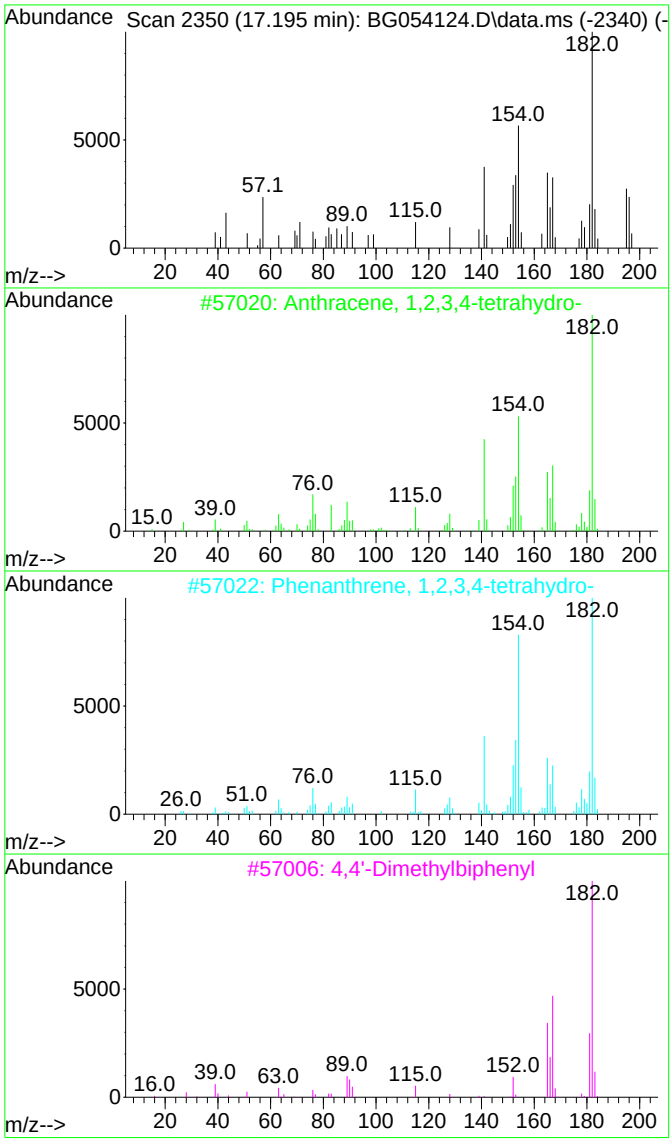
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

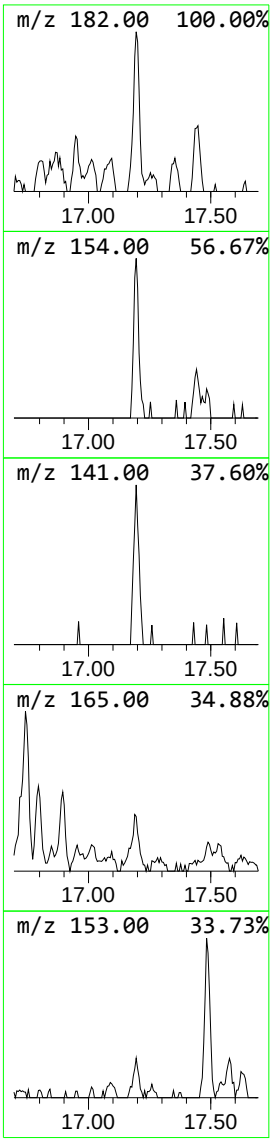
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.195 | 2.53 ng | 52120 | Phenanthrene-d10 | 17.441 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 1,2,3,4-tetrahydro- | 182 | C14H14 | 002141-42-6 | 95 |
| 2 | Phenanthrene, 1,2,3,4-tetrahydro- | 182 | C14H14 | 001013-08-7 | 86 |
| 3 | 4,4'-Dimethylbiphenyl | 182 | C14H14 | 000613-33-2 | 45 |
| 4 | 3,3'-Dimethylbiphenyl | 182 | C14H14 | 000612-75-9 | 45 |
| 5 | Benzenamine, 4-ethoxy-2-nitro- | 182 | C8H10N2O3 | 000616-86-4 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054124.D
Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

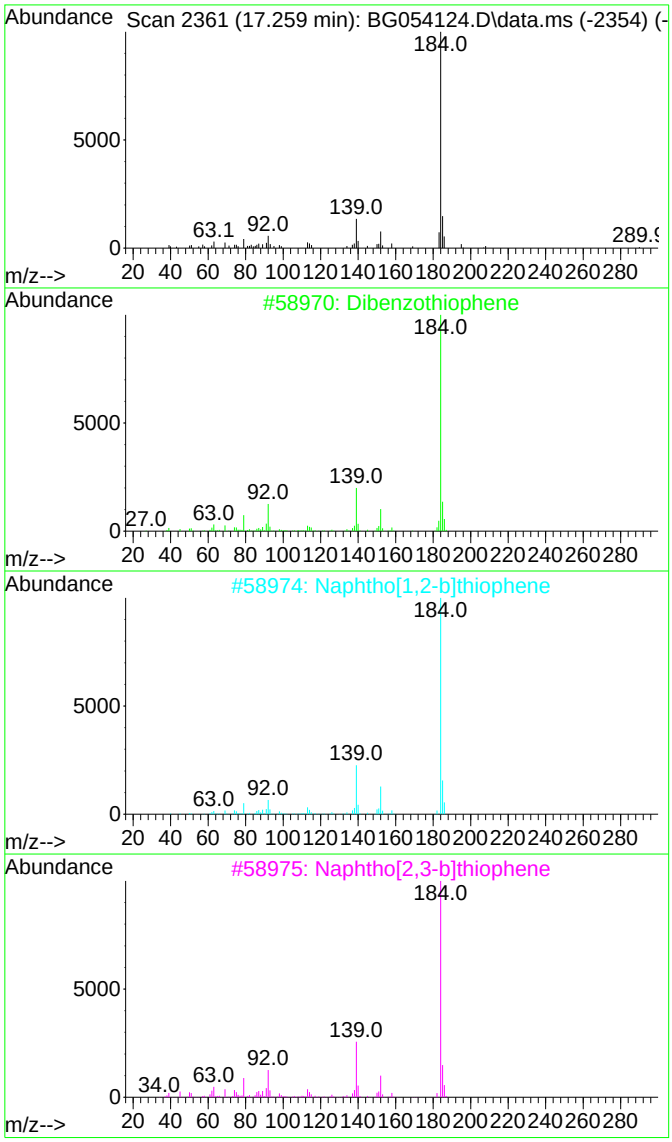
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

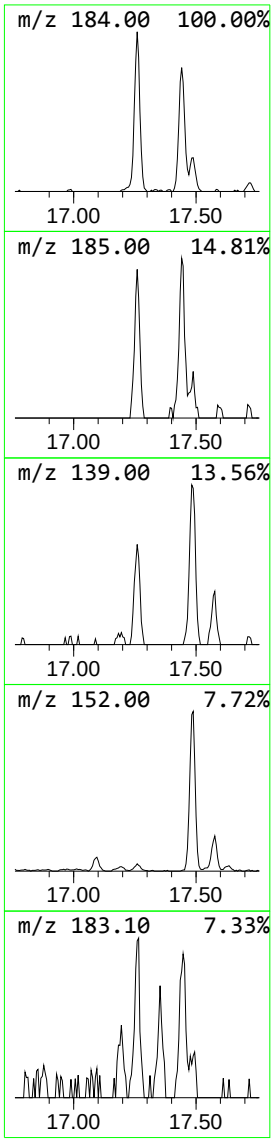
**********

Peak Number 3 Dibenzothiophene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.259 | 3.65 ng | 75119 | Phenanthrene-d10 | 17.441 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 96 |
| 2 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 93 |
| 3 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 93 |
| 4 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 91 |
| 5 | Azuleno(2,1-b)thiophene | 184 | C12H8S | 000248-13-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054124.D
Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

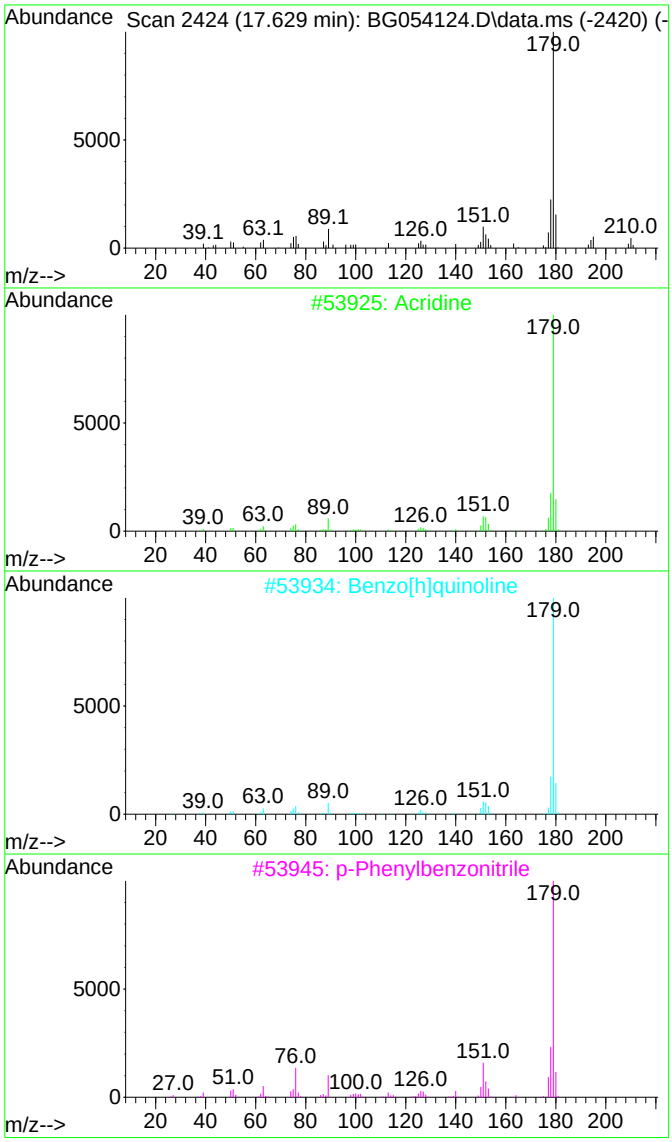
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

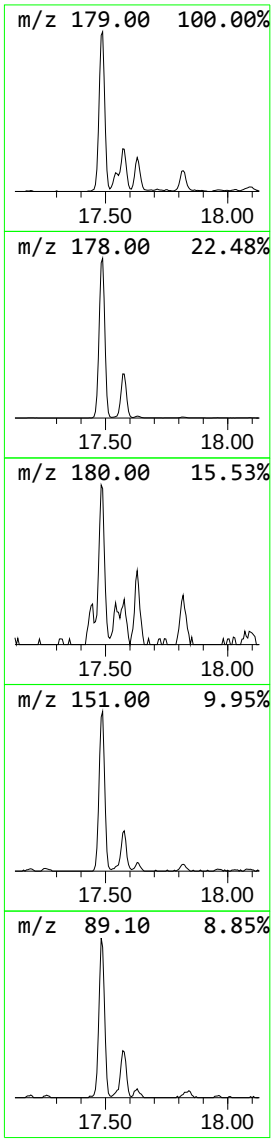
**********

Peak Number 4 Acridine Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.629 | 2.53 ng | 52084 | Phenanthrene-d10 | 17.441 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acridine | 179 | C13H9N | 000260-94-6 | 94 |
| 2 | Benzo[h]quinoline | 179 | C13H9N | 000230-27-3 | 93 |
| 3 | p-Phenylbenzonitrile | 179 | C13H9N | 002920-38-9 | 90 |
| 4 | Pyridine, 2-(phenylethynyl)- | 179 | C13H9N | 013141-42-9 | 87 |
| 5 | Benzo[g]quinoline | 179 | C13H9N | 000260-36-6 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054124.D
Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

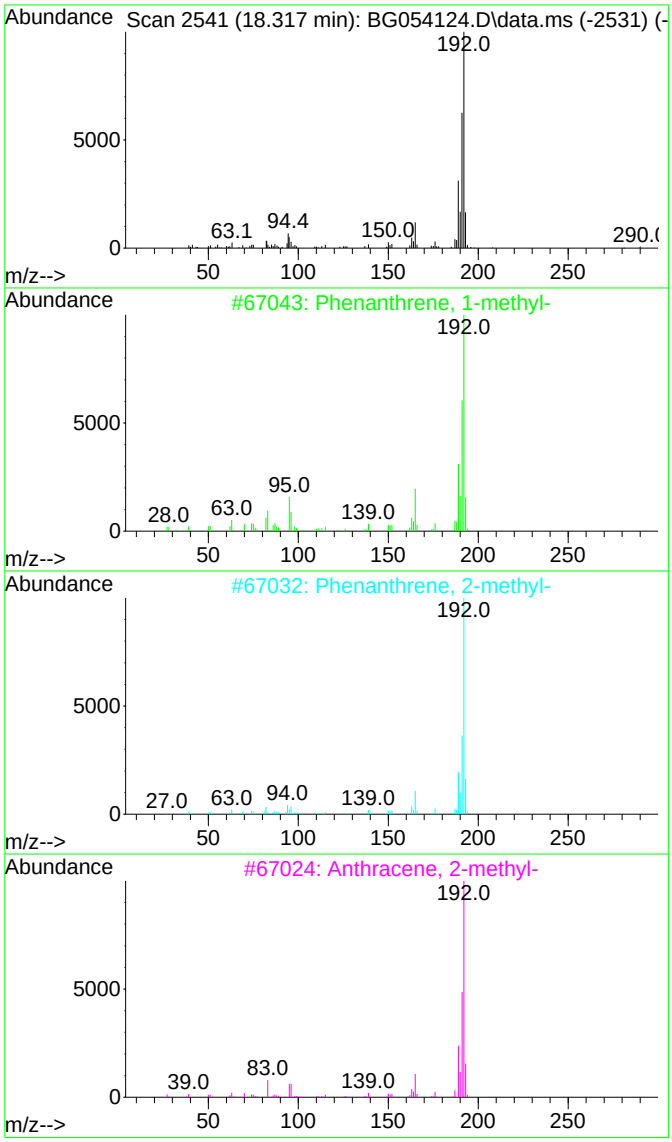
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

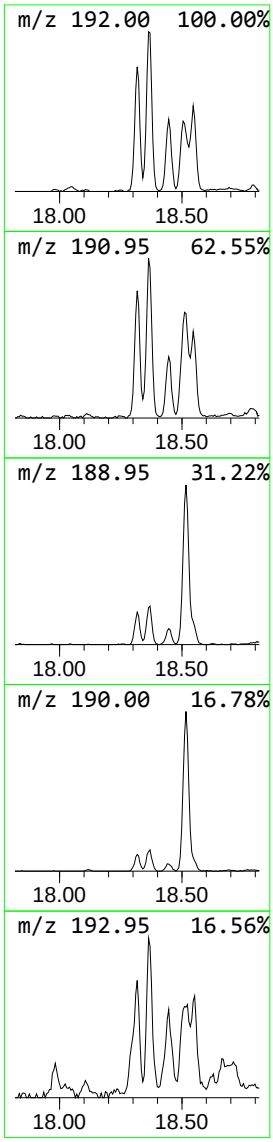
**********

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.317 | 7.82 ng | 160896 | Phenanthrene-d10 | 17.441 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 94 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 93 |
| 4 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 91 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054124.D
Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

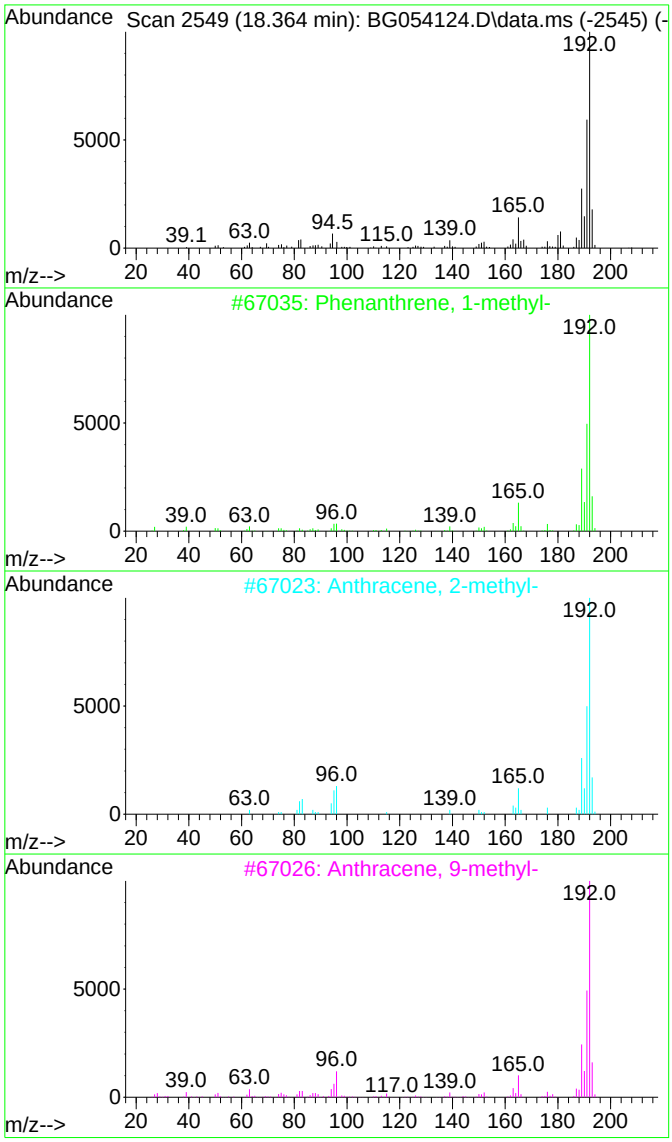
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

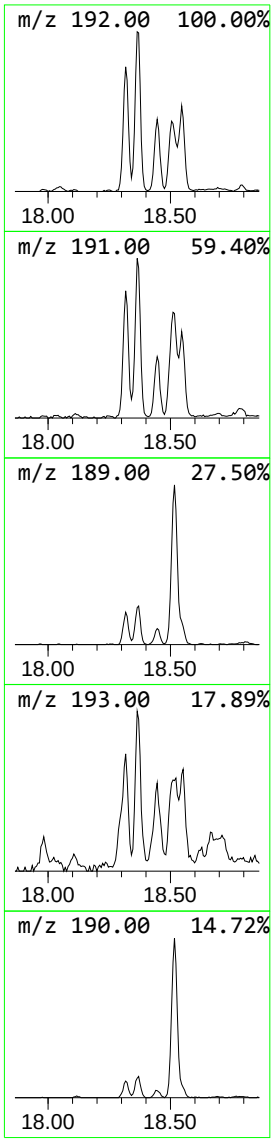
**********

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.364 | 10.01 ng | 206183 | Phenanthrene-d10 | 17.441 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 2 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 95 |
| 3 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 95 |
| 4 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 94 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 93 |



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Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

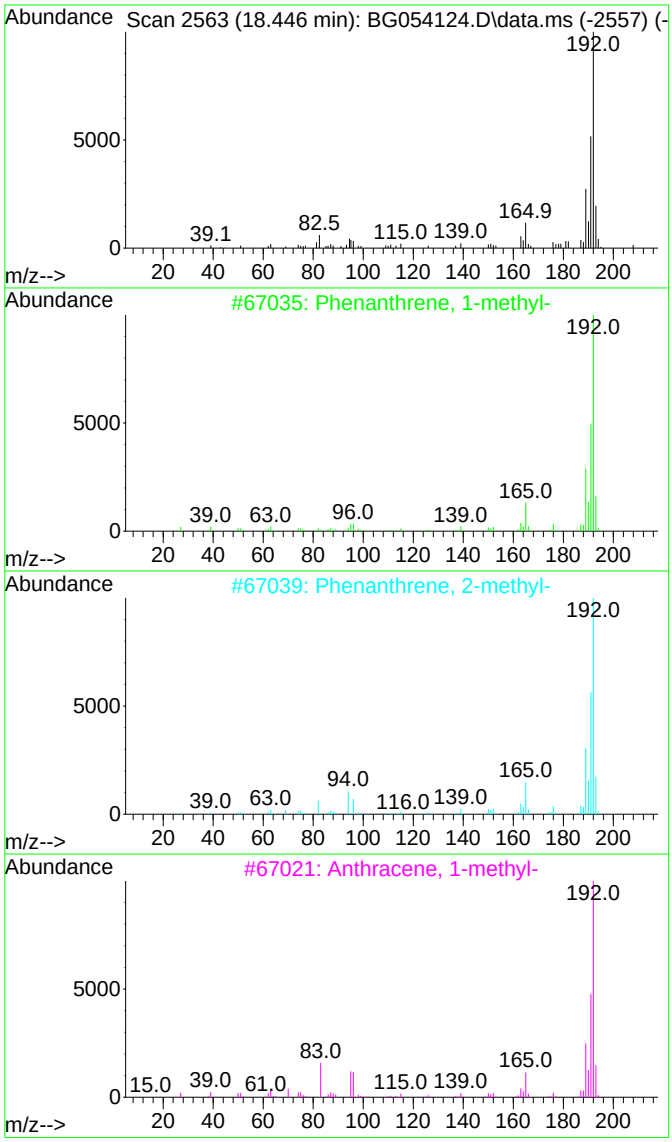
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

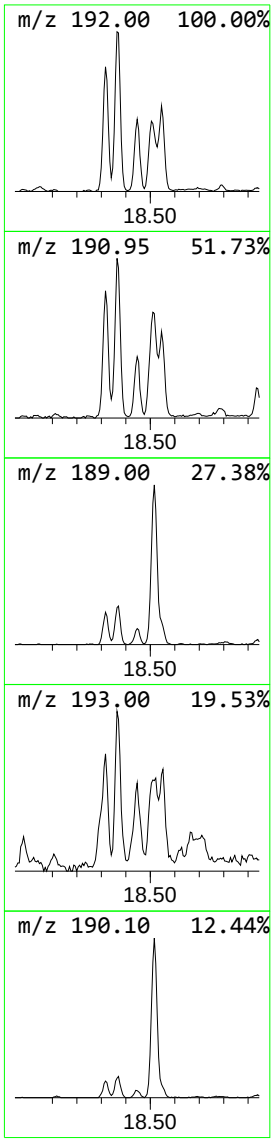
**********

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.446 | 4.14 ng | 85155 | Phenanthrene-d10 | 17.441 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 95 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 95 |
| 3 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 94 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 93 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 93 |



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Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

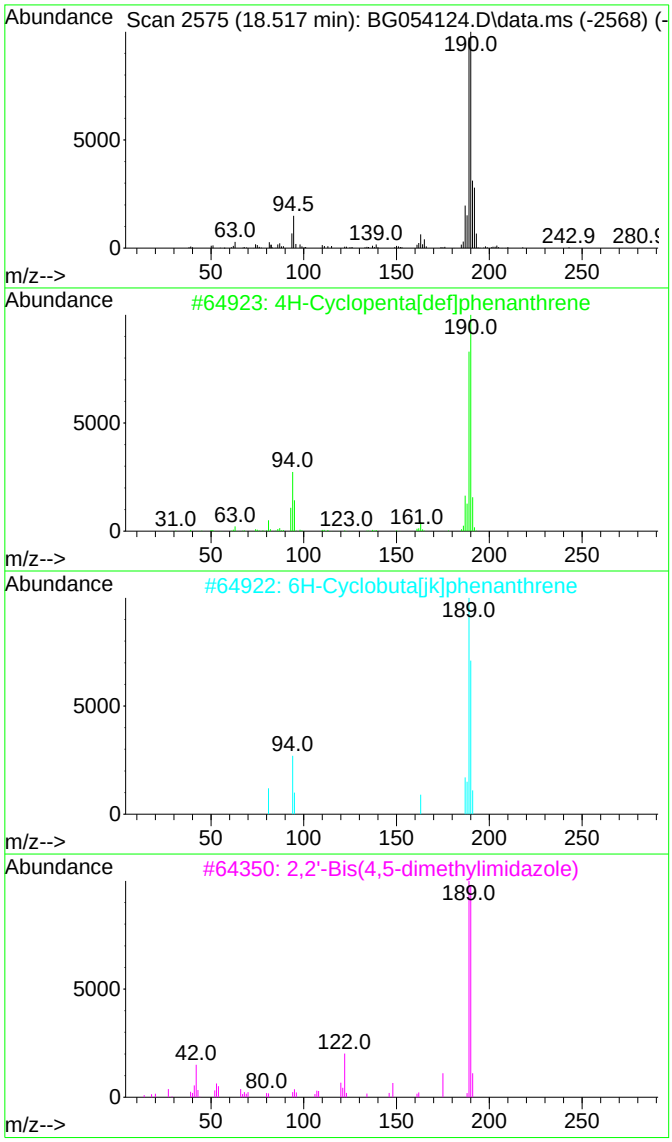
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

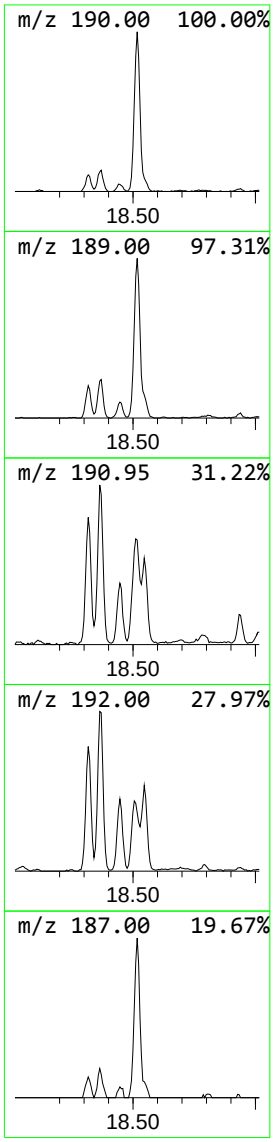
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.517 | 16.08 ng | 330961 | Phenanthrene-d10 | 17.441 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 83 |
| 2 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 64 |
| 3 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 33 |
| 4 | Cyclohexanone, 2-(2-furanylmethy... | 190 | C12H14O2 | 056053-07-7 | 27 |
| 5 | Carbonic acid, 2-formyl-4,6-dich... | 276 | C11H10Cl2O4 | 1000331-39-3 | 23 |



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Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

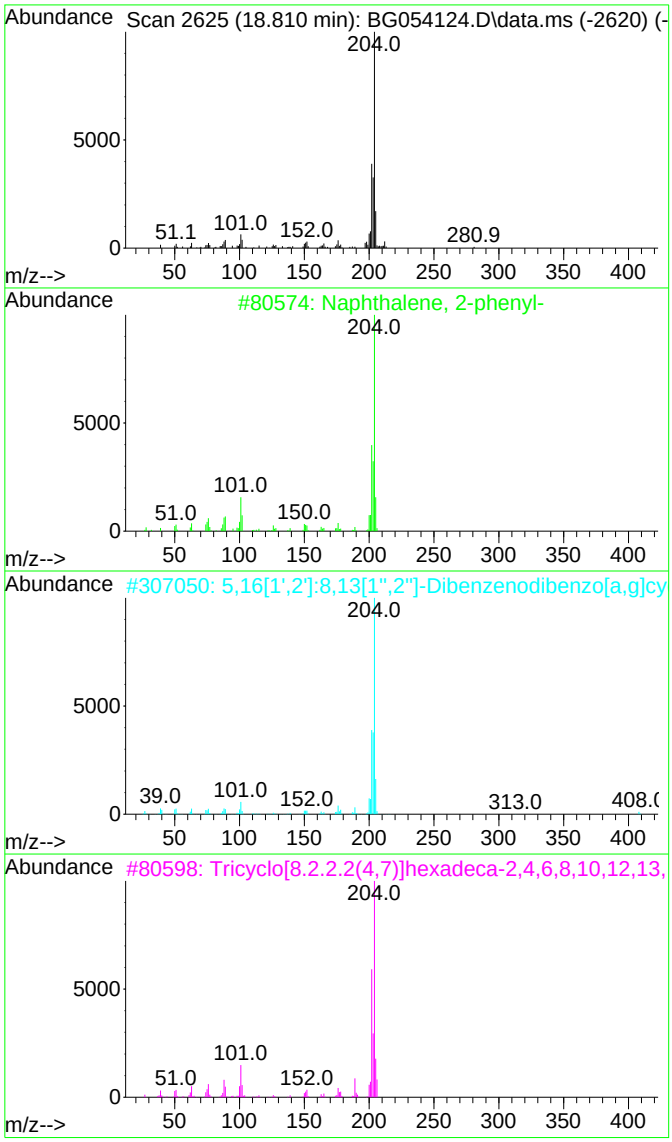
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

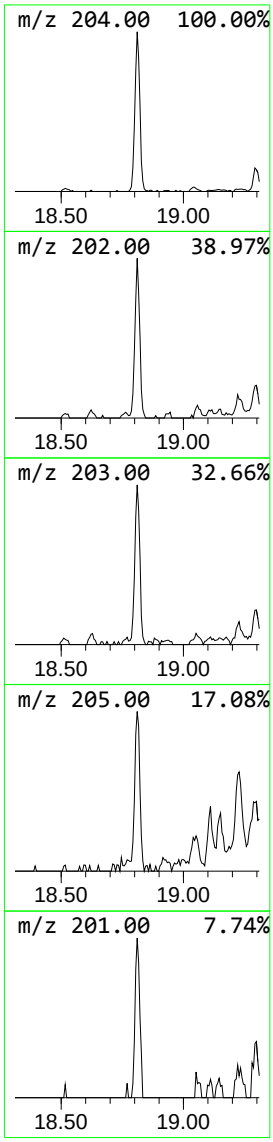
**********

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.810 | 5.64 ng | 116153 | Phenanthrene-d10 | 17.441 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 93 |
| 2 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 91 |
| 3 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 62 |
| 4 | Naphthalene, 1-phenyl- | 204 | C16H12 | 000605-02-7 | 53 |
| 5 | [1,1'-Biphenyl]-4,4'-dicarbonitrile | 204 | C14H8N2 | 001591-30-6 | 49 |



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Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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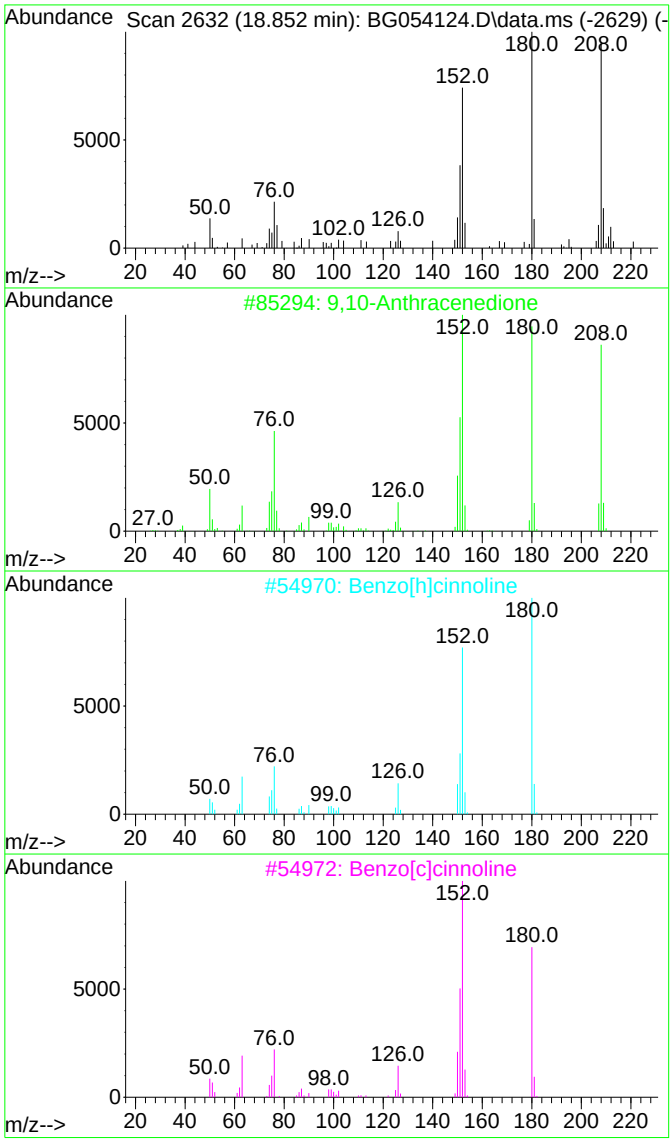
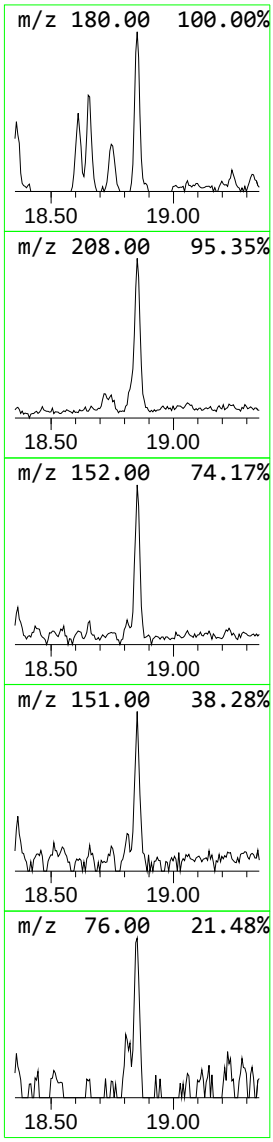
Peak Number 10 9,10-Anthracenedione Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.852 | 2.66 ng | 54792 | Phenanthrene-d10 | 17.441 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 94 |
| 2 | Benzo[h]cinnoline | 180 | C12H8N2 | 000230-31-9 | 83 |
| 3 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 64 |
| 4 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 58 |
| 5 | 1H-Phenalen-1-one | 180 | C13H8O | 000548-39-0 | 53 |



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Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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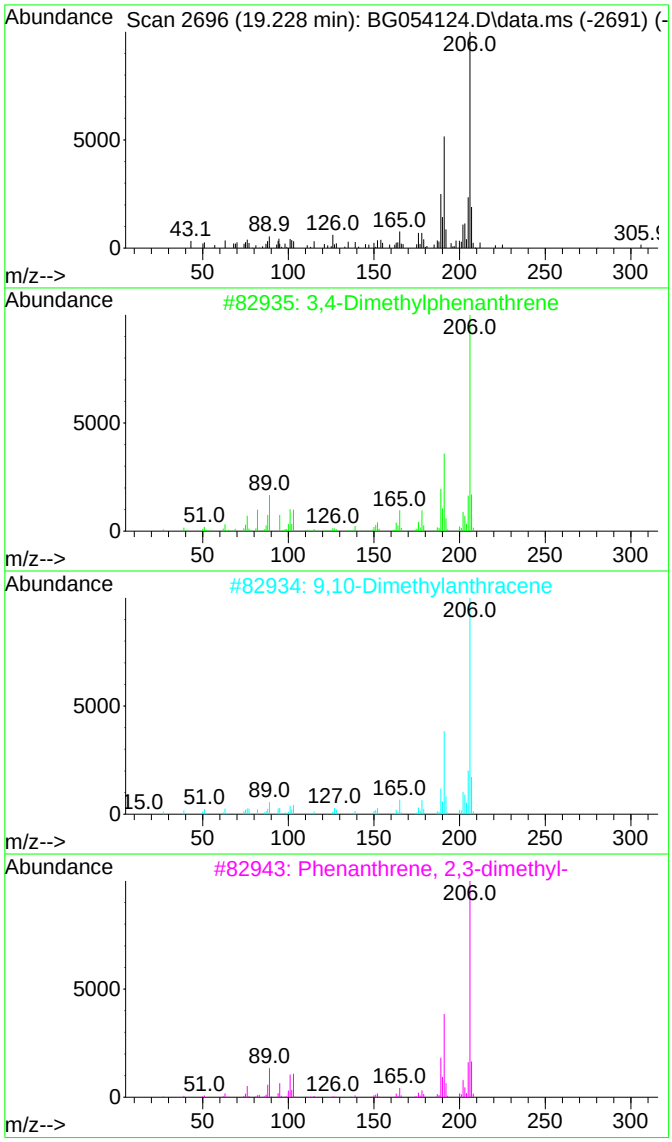
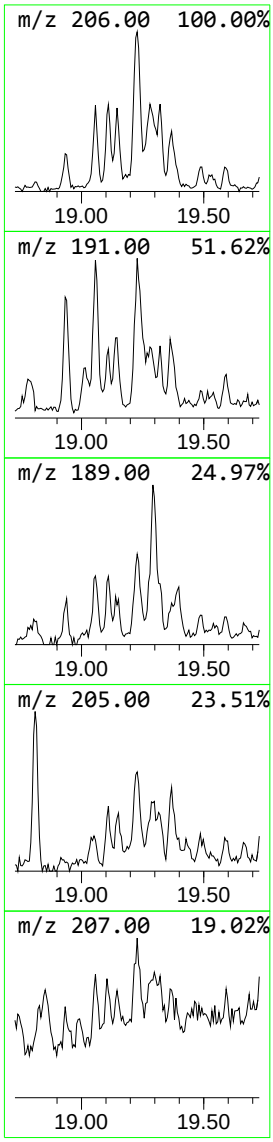
Peak Number 11 3,4-Dimethylphenanthrene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.228 | 4.29 ng | 88411 | Phenanthrene-d10 | 17.441 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Dimethylphenanthrene | 206 | C16H14 | 1000452-24-5 | 93 |
| 2 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 91 |
| 3 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 90 |
| 4 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 90 |
| 5 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 90 |



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Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

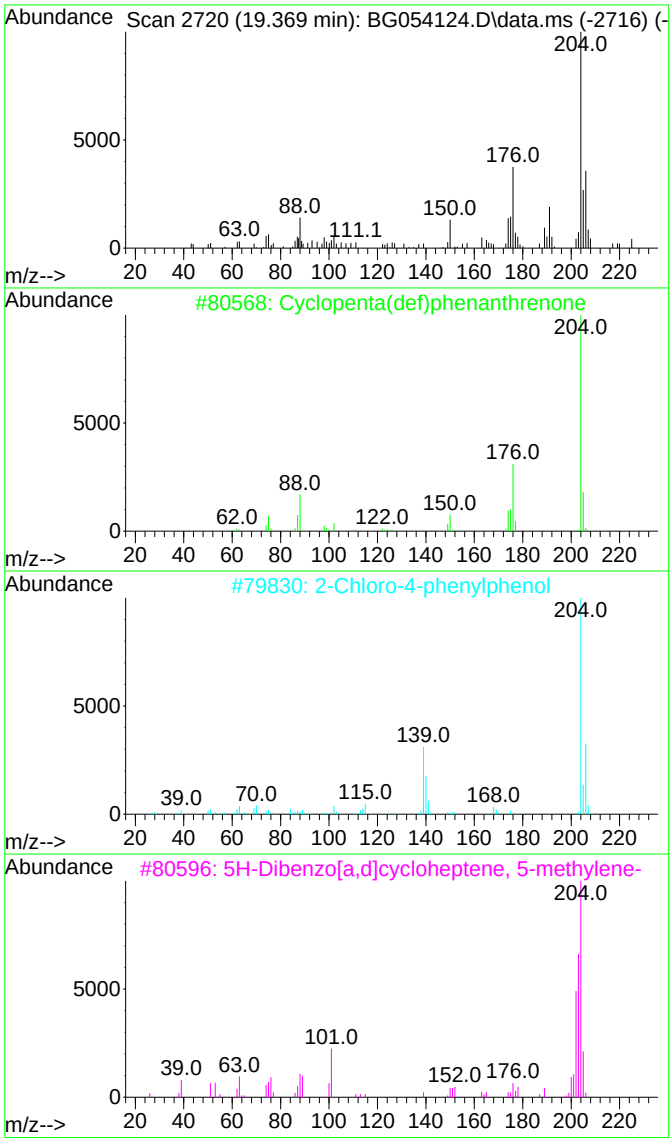
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

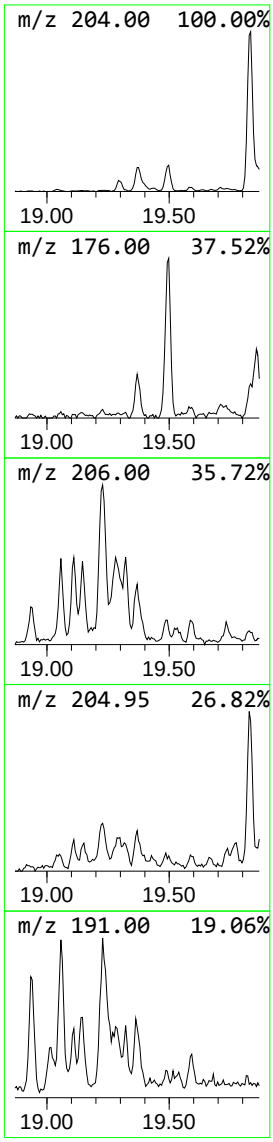
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.369 | 3.26 ng | 67036 | Phenanthrene-d10 | 17.441 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 91 |
| 2 | 2-Chloro-4-phenylphenol | 204 | C12H9ClO | 000092-04-6 | 43 |
| 3 | 5H-Dibenzo[a,d]cycloheptene, 5-m... | 204 | C16H12 | 002975-79-3 | 43 |
| 4 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 43 |
| 5 | Dihydrofuranno(3,2-H)homochromanone | 204 | C12H12O3 | 057052-85-4 | 43 |



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Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

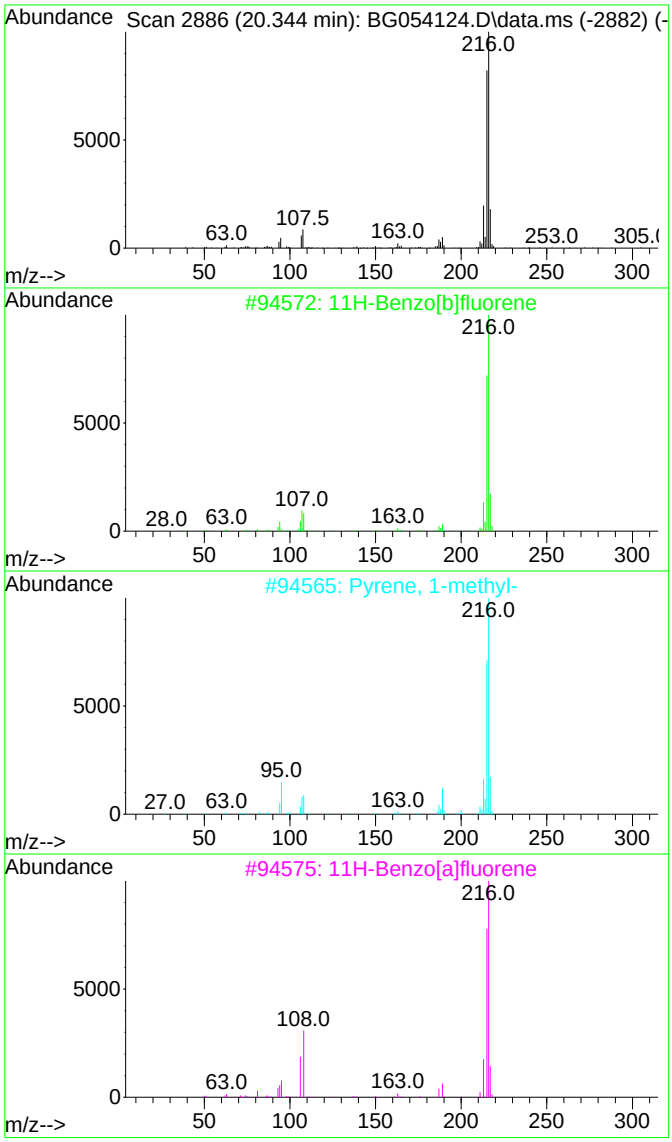
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

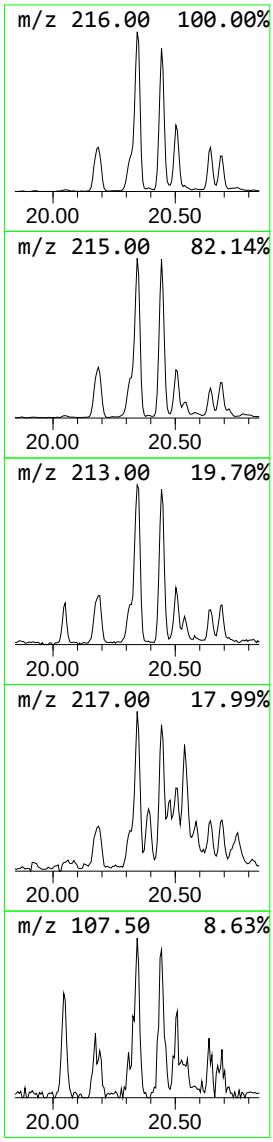
**********

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.344 | 3.61 ng | 374763 | Chrysene-d12 | 21.719 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 97 |
| 2 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 94 |
| 3 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 90 |
| 4 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 80 |
| 5 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 80 |



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Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

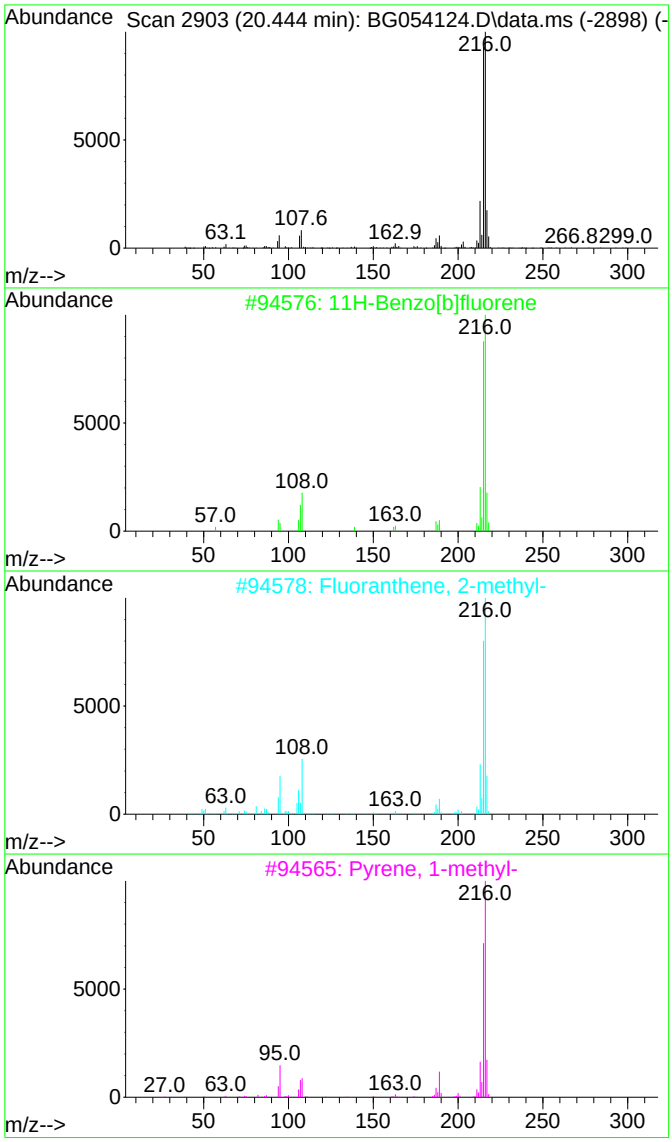
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

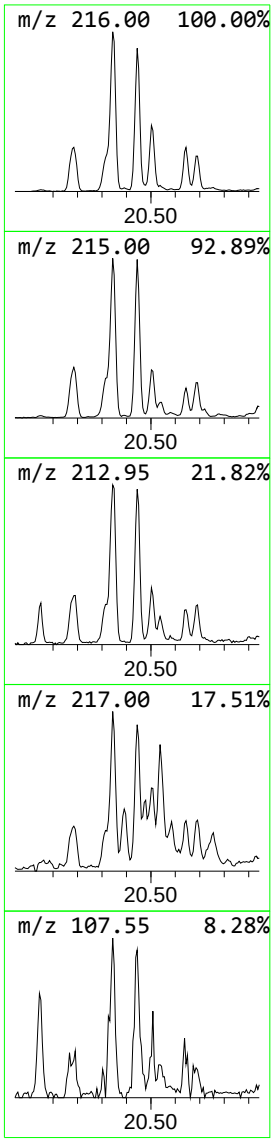
**********

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.444 | 3.39 ng | 351461 | Chrysene-d12 | 21.719 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 93 |
| 2 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 93 |
| 3 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 93 |
| 4 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 91 |
| 5 | 7H-Benzo[c]fluorene | 216 | C17H12 | 000205-12-9 | 80 |



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Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

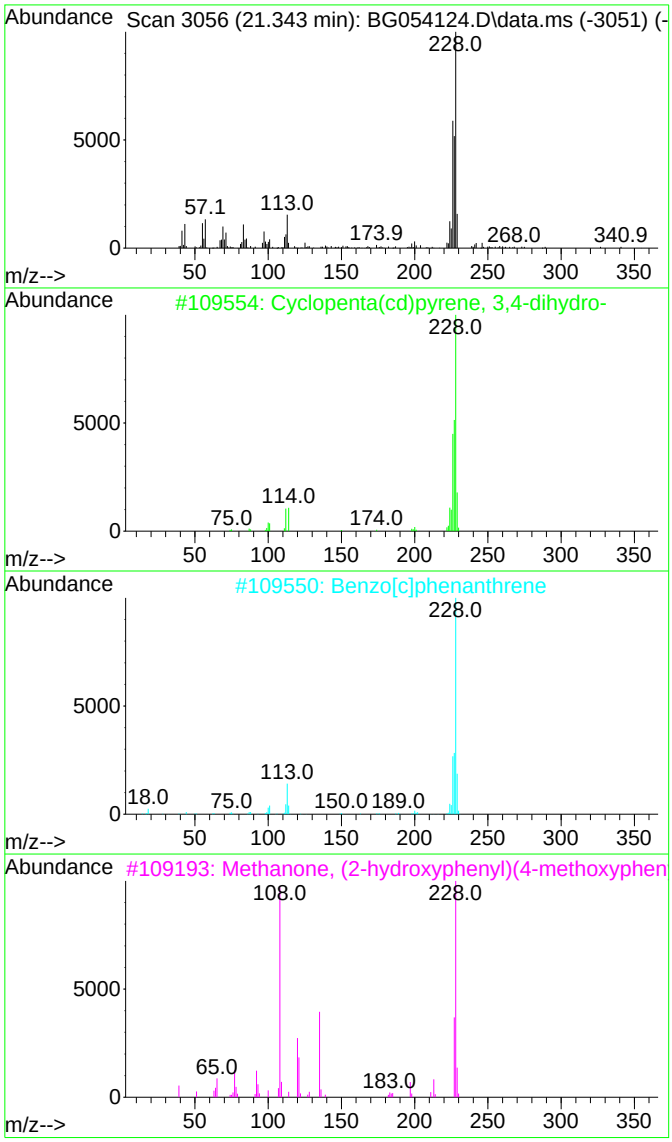
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

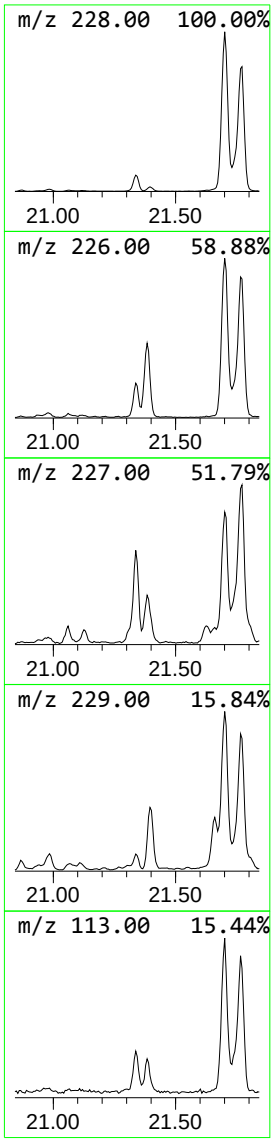
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.343 | 2.48 ng | 257616 | Chrysene-d12 | 21.719 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(cd)pyrene, 3,4-dihydro- | 228 | C18H12 | 025732-74-5 | 58 |
| 2 | Benzo[c]phenanthrene | 228 | C18H12 | 000195-19-7 | 52 |
| 3 | Methanone, (2-hydroxyphenyl)(4-m... | 228 | C14H12O3 | 018733-07-8 | 47 |
| 4 | Triphenylene | 228 | C18H12 | 000217-59-4 | 43 |
| 5 | Purine-6(1H)-thione, 3,7-dimethy... | 228 | C7H8N4Se | 023663-58-3 | 42 |



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Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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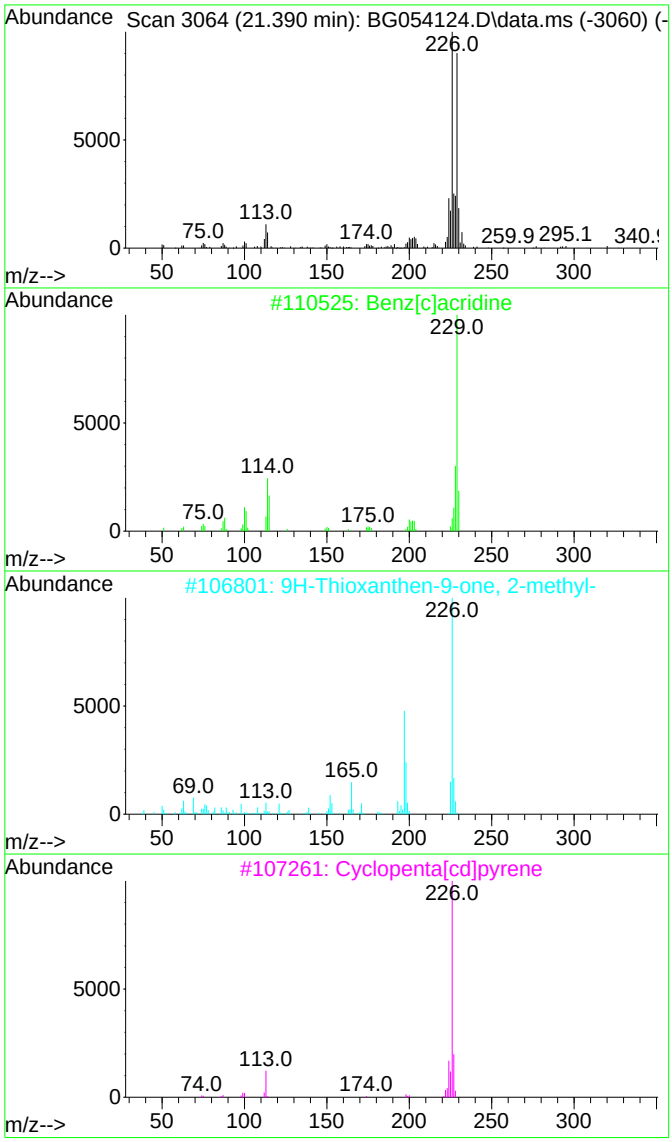
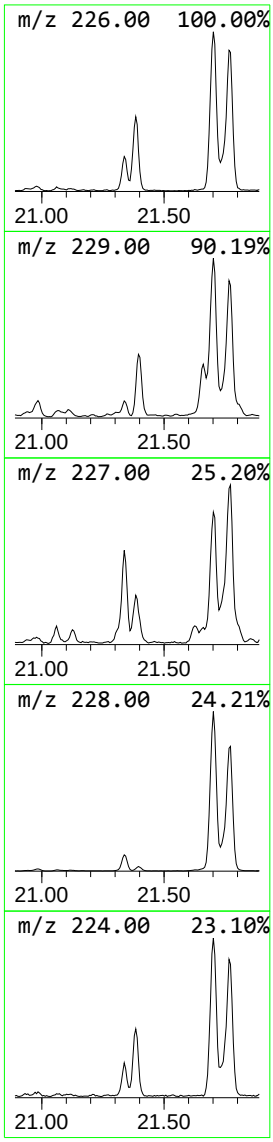
Peak Number 16 Benz[c]acridine Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.390 | 2.29 ng | 237583 | Chrysene-d12 | 21.719 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benz[c]acridine | 229 | C17H11N | 000225-51-4 | 50 |
| 2 | 9H-Thioxanthen-9-one, 2-methyl- | 226 | C14H10OS | 015774-82-0 | 38 |
| 3 | Cyclopenta[cd]pyrene | 226 | C18H10 | 027208-37-3 | 38 |
| 4 | Naphtho(2,1-f)quinoline | 229 | C17H11N | 000218-08-6 | 38 |
| 5 | Thiazole, 2-amino-4-(1H-indol-3-... | 229 | C12H11N3S | 1000304-18-3 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054124.D
Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

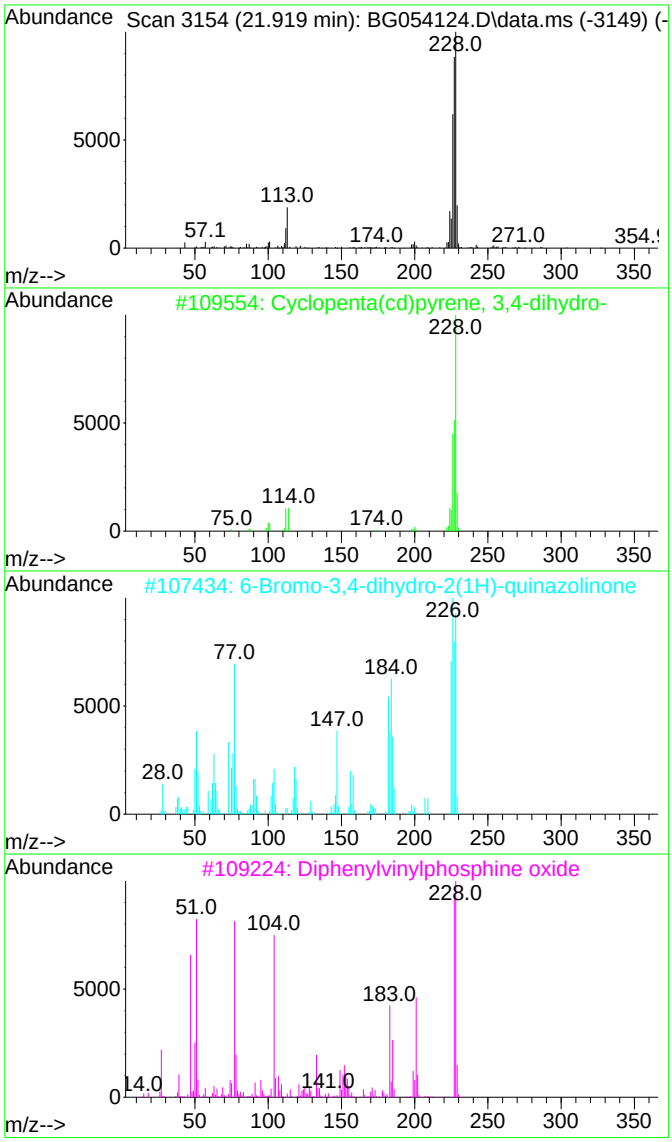
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

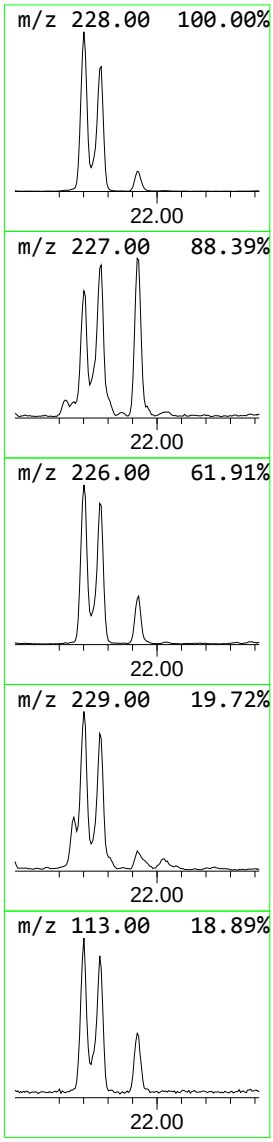
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 6-Bromo-3,4-dihydro-2(1H)-q... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.919 | 2.61 ng | 270555 | Chrysene-d12 | 21.719 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(cd)pyrene, 3,4-dihydro- | 228 | C18H12 | 025732-74-5 | 60 |
| 2 | 6-Bromo-3,4-dihydro-2(1H)-quinaz... | 226 | C8H7BrN2O | 1246765-38-7 | 59 |
| 3 | Diphenylvinylphosphine oxide | 228 | C14H13OP | 002096-78-8 | 50 |
| 4 | 1(2H)-Phenanthrenone, 3,4,9,10-t... | 228 | C15H16O2 | 014427-61-3 | 50 |
| 5 | Triphenylene | 228 | C18H12 | 000217-59-4 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054124.D
Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

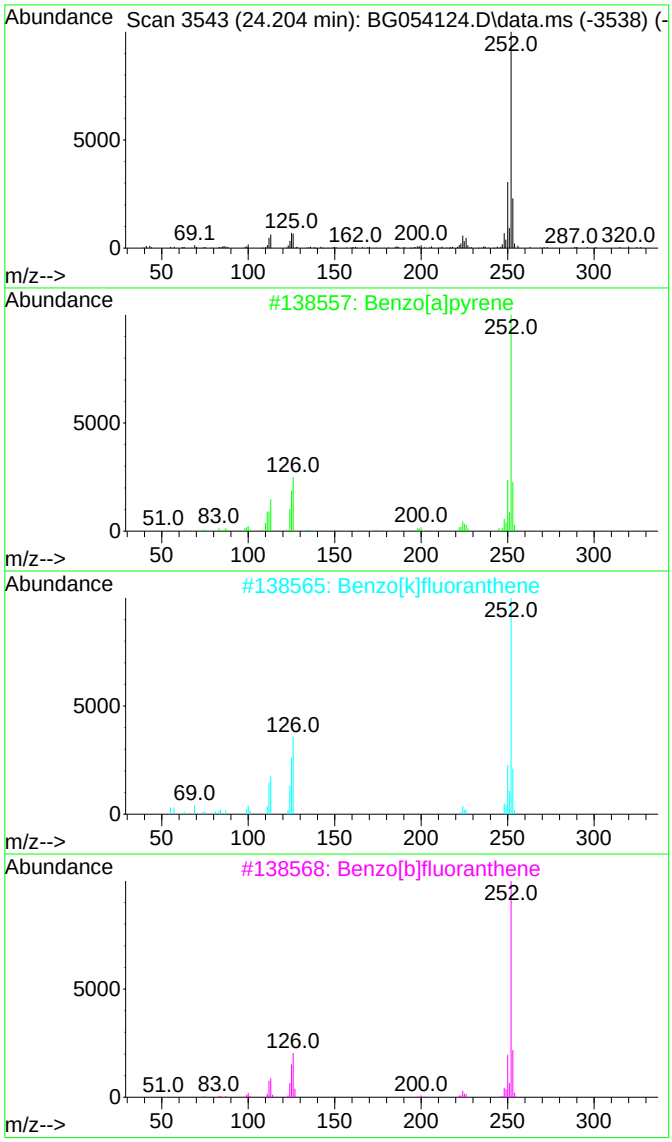
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

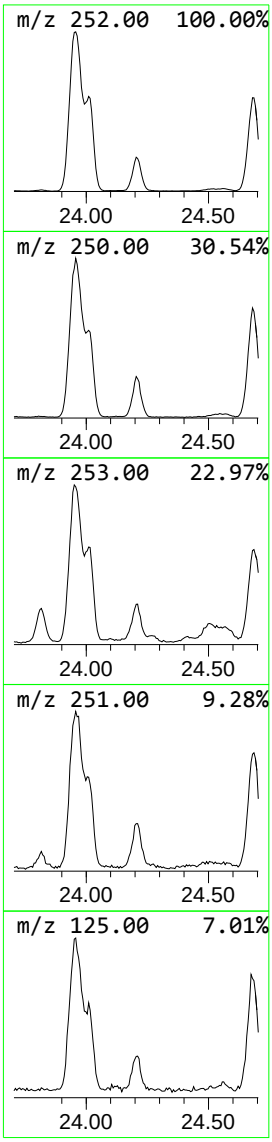
**********

Peak Number 18 Benzo[e]pyrene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.204 | 8.84 ng | 216891 | Perylene-d12 | 24.980 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 90 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 90 |
| 3 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 81 |
| 4 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 81 |
| 5 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054124.D
Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

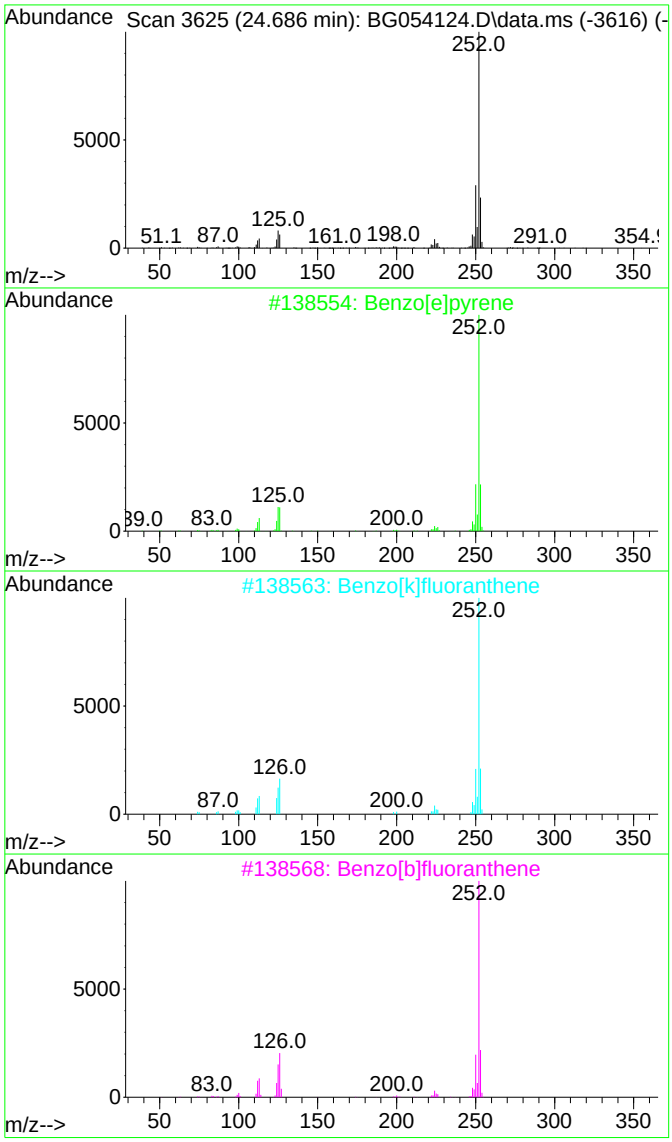
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

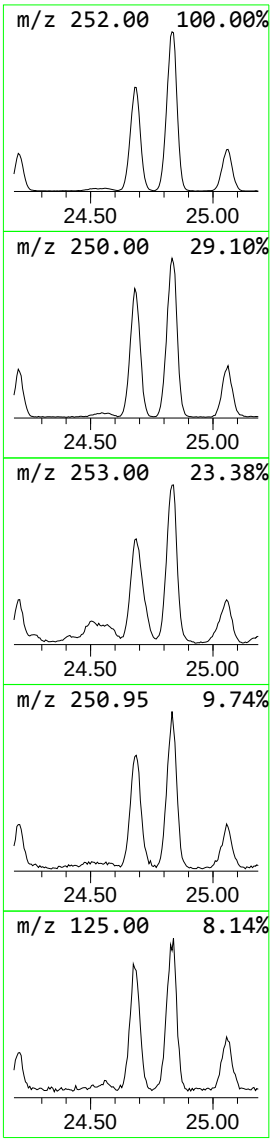
**********

Peak Number 19 Perylene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.686 | 36.15 ng | 886774 | Perylene-d12 | 24.980 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 94 |
| 2 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 93 |
| 3 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 91 |
| 4 | Perylene | 252 | C20H12 | 000198-55-0 | 90 |
| 5 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054124.D
Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

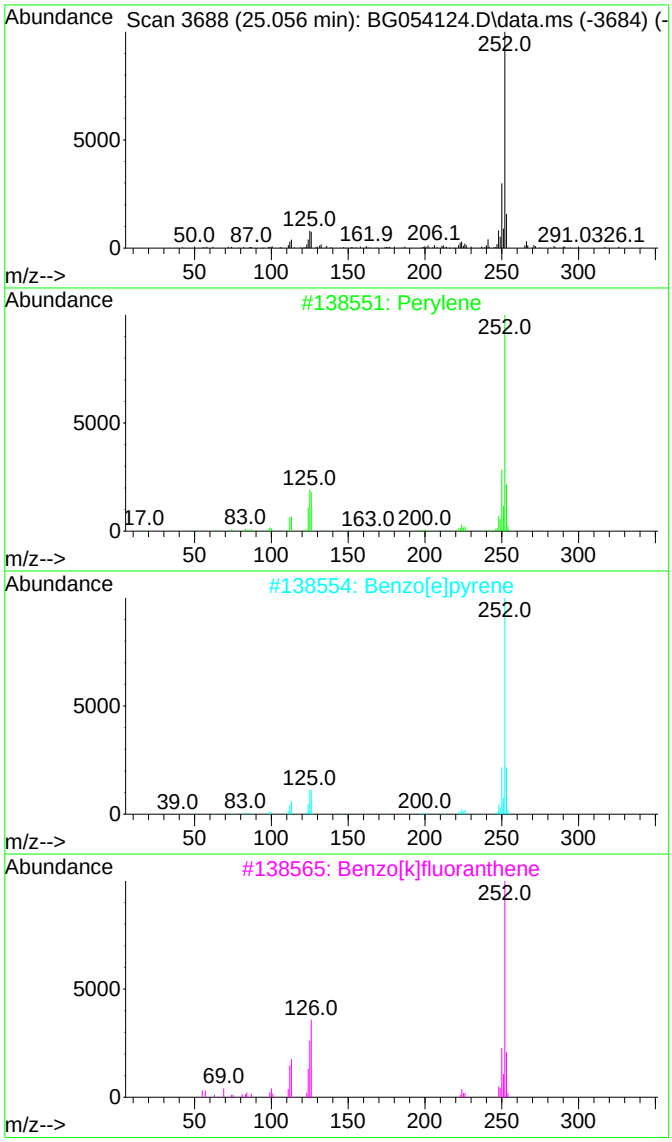
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

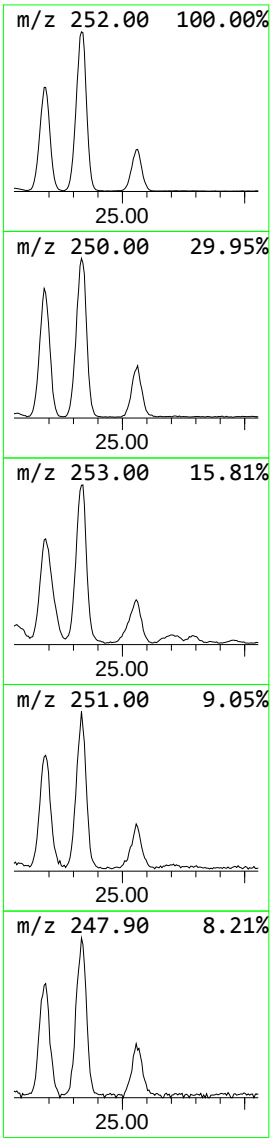
**********

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.056 | 14.30 ng | 350637 | Perylene-d12 | 24.980 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Perylene | 252 | C20H12 | 000198-55-0 | 89 |
| 2 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 86 |
| 3 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 76 |
| 4 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 70 |
| 5 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 70 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
Data File : BG054124.D
Acq On : 28 Jun 2022 19:30
Operator : CG/JU
Sample : N3488-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SB-10-0-2-20220623

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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 |
| 2-Pentanone, 4-... | 5.168 | 4.6 | ng | 32462 | 1 | 8.070 | 141377 | 20.0 |
| Anthracene, 1,2... | 17.195 | 2.5 | ng | 52120 | 4 | 17.441 | 411754 | 20.0 |
| Dibenzothiophene | 17.259 | 3.6 | ng | 75119 | 4 | 17.441 | 411754 | 20.0 |
| Acridine | 17.629 | 2.5 | ng | 52084 | 4 | 17.441 | 411754 | 20.0 |
| Phenanthrene, 1... | 18.317 | 7.8 | ng | 160896 | 4 | 17.441 | 411754 | 20.0 |
| Anthracene, 2-m... | 18.364 | 10.0 | ng | 206183 | 4 | 17.441 | 411754 | 20.0 |
| Phenanthrene, 2... | 18.446 | 4.1 | ng | 85155 | 4 | 17.441 | 411754 | 20.0 |
| 4H-Cyclopenta[d... | 18.517 | 16.1 | ng | 330961 | 4 | 17.441 | 411754 | 20.0 |
| Naphthalene, 2-... | 18.810 | 5.6 | ng | 116153 | 4 | 17.441 | 411754 | 20.0 |
| 9,10-Anthracene... | 18.852 | 2.7 | ng | 54792 | 4 | 17.441 | 411754 | 20.0 |
| 3,4-Dimethylphe... | 19.228 | 4.3 | ng | 88411 | 4 | 17.441 | 411754 | 20.0 |
| Cyclopenta(def)... | 19.369 | 3.3 | ng | 67036 | 4 | 17.441 | 411754 | 20.0 |
| 11H-Benzo[b]flu... | 20.344 | 3.6 | ng | 374763 | 5 | 21.719 | 2074190 | 20.0 |
| Fluoranthene, 2... | 20.444 | 3.4 | ng | 351461 | 5 | 21.719 | 2074190 | 20.0 |
| Cyclopenta(cd)p... | 21.343 | 2.5 | ng | 257616 | 5 | 21.719 | 2074190 | 20.0 |
| Benz[c]acridine | 21.390 | 2.3 | ng | 237583 | 5 | 21.719 | 2074190 | 20.0 |
| 6-Bromo-3,4-dih... | 21.919 | 2.6 | ng | 270555 | 5 | 21.719 | 2074190 | 20.0 |
| Benzo[e]pyrene | 24.204 | 8.8 | ng | 216891 | 6 | 24.980 | 490542 | 20.0 |
| Perylene | 24.686 | 36.1 | ng | 886774 | 6 | 24.980 | 490542 | 20.0 |
| Benzo[j]fluoran... | 25.056 | 14.3 | ng | 350637 | 6 | 24.980 | 490542 | 20.0 |