LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 356-349

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_P\Methods\8270E-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006064.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.487 | 402 | 408 | 414 | rBV | 370753 | 553115 | 3.60% | 0.302% |
| 2 | 7.093 | 675 | 681 | 686 | rBV | 331991 | 534804 | 3.48% | 0.292% |
| 3 | 7.152 | 686 | 691 | 712 | rVB | 415525 | 895985 | 5.83% | 0.490% |
| 4 | 7.910 | 812 | 820 | 830 | rBV | 279339 | 446870 | 2.91% | 0.244% |
| 5 | 8.446 | 894 | 911 | 922 | rVV2 | 151370 | 370248 | 2.41% | 0.202% |
| 6 | 8.893 | 978 | 987 | 990 | rBV | 1007858 | 2063207 | 13.43% | 1.127% |
| 7 | 8.928 | 990 | 993 | 1005 | rVB | 1037028 | 1956700 | 12.73% | 1.069% |
| 8 | 9.075 | 1013 | 1018 | 1026 | rVB | 217197 | 402023 | 2.62% | 0.220% |
| 9 | 10.593 | 1270 | 1276 | 1284 | rVV | 340670 | 637632 | 4.15% | 0.348% |
| 10 | 10.716 | 1287 | 1297 | 1300 | rVV | 333203 | 796609 | 5.18% | 0.435% |
| 11 | 10.769 | 1300 | 1306 | 1313 | rVB | 3963753 | 6706428 | 43.64% | 3.665% |
| 12 | 10.881 | 1319 | 1325 | 1332 | rBV | 286671 | 504738 | 3.28% | 0.276% |
| 13 | 12.375 | 1569 | 1579 | 1586 | rVV | 3204014 | 5061577 | 32.94% | 2.766% |
| 14 | 12.593 | 1606 | 1616 | 1625 | rVB | 1892243 | 3009157 | 19.58% | 1.644% |
| 15 | 12.963 | 1672 | 1679 | 1686 | rBV | 1524677 | 2218864 | 14.44% | 1.213% |
| 16 | 13.169 | 1708 | 1714 | 1719 | rVB | 566564 | 832947 | 5.42% | 0.455% |
| 17 | 13.375 | 1743 | 1749 | 1758 | rBV | 987368 | 1478462 | 9.62% | 0.808% |
| 18 | 13.522 | 1768 | 1774 | 1778 | rBV2 | 318632 | 527401 | 3.43% | 0.288% |
| 19 | 13.575 | 1778 | 1783 | 1792 | rVB | 394722 | 737481 | 4.80% | 0.403% |
| 20 | 13.704 | 1799 | 1805 | 1806 | rBV | 575676 | 739315 | 4.81% | 0.404% |
| 21 | 13.863 | 1826 | 1832 | 1837 | rVV | 907998 | 1623952 | 10.57% | 0.887% |
| 22 | 13.916 | 1837 | 1841 | 1851 | rVB | 626606 | 949851 | 6.18% | 0.519% |
| 23 | 14.098 | 1863 | 1872 | 1876 | rBV2 | 463883 | 815747 | 5.31% | 0.446% |
| 24 | 14.263 | 1895 | 1900 | 1905 | rBV | 402421 | 573383 | 3.73% | 0.313% |
| 25 | 14.451 | 1925 | 1932 | 1937 | rBV2 | 255549 | 449931 | 2.93% | 0.246% |
| 26 | 14.516 | 1937 | 1943 | 1944 | rBV | 413481 | 566740 | 3.69% | 0.310% |
| 27 | 14.540 | 1944 | 1947 | 1950 | rVV | 745593 | 1153192 | 7.50% | 0.630% |
| 28 | 14.610 | 1954 | 1959 | 1966 | rVB | 3491346 | 5251909 | 34.18% | 2.870% |
| 29 | 14.751 | 1978 | 1983 | 1988 | rVV3 | 774512 | 1389502 | 9.04% | 0.759% |
| 30 | 14.792 | 1988 | 1990 | 1995 | rVV2 | 275174 | 399734 | 2.60% | 0.218% |
| 31 | 14.940 | 2009 | 2015 | 2022 | rVB | 2958518 | 4307125 | 28.03% | 2.354% |
| 32 | 15.081 | 2035 | 2039 | 2044 | rVB | 440644 | 612141 | 3.98% | 0.335% |
| 33 | 15.157 | 2044 | 2052 | 2057 | rBV4 | 257383 | 520396 | 3.39% | 0.284% |
| 34 | 15.210 | 2057 | 2061 | 2073 | rVB3 | 270615 | 572712 | 3.73% | 0.313% |
| 35 | 15.357 | 2083 | 2086 | 2094 | rVB2 | 294165 | 435285 | 2.83% | 0.238% |
| 36 | 15.469 | 2100 | 2105 | 2118 | rBV | 1318106 | 2035744 | 13.25% | 1.112% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 356-349

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_P\Methods\8270E-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.592 | 2119 | 2126 | 2135 | rVV | 3973642 | 5888523 | 38.32% | 3.218% |
| 38 | 15.710 | 2143 | 2146 | 2149 | rVV | 290381 | 432746 | 2.82% | 0.236% |
| 39 | 15.745 | 2149 | 2152 | 2155 | rVV2 | 485276 | 718524 | 4.68% | 0.393% |
| 40 | 15.792 | 2155 | 2160 | 2164 | rVV | 2980097 | 4054895 | 26.39% | 2.216% |
| 41 | 15.834 | 2164 | 2167 | 2171 | rVV | 275781 | 434287 | 2.83% | 0.237% |
| 42 | 15.881 | 2171 | 2175 | 2182 | rVB | 596722 | 906176 | 5.90% | 0.495% |
| 43 | 16.028 | 2191 | 2200 | 2210 | rBV4 | 1086343 | 2353492 | 15.32% | 1.286% |
| 44 | 16.381 | 2251 | 2260 | 2266 | rBV5 | 218590 | 432113 | 2.81% | 0.236% |
| 45 | 16.592 | 2292 | 2296 | 2300 | rVV2 | 416546 | 656767 | 4.27% | 0.359% |
| 46 | 16.739 | 2315 | 2321 | 2326 | rVB3 | 443914 | 789079 | 5.13% | 0.431% |
| 47 | 16.798 | 2326 | 2331 | 2336 | rBV3 | 236112 | 545575 | 3.55% | 0.298% |
| 48 | 16.845 | 2336 | 2339 | 2344 | rVV2 | 224444 | 532594 | 3.47% | 0.291% |
| 49 | 16.939 | 2352 | 2355 | 2364 | rVB7 | 237724 | 467069 | 3.04% | 0.255% |
| 50 | 17.039 | 2364 | 2372 | 2375 | rBV3 | 287725 | 599519 | 3.90% | 0.328% |
| 51 | 17.104 | 2379 | 2383 | 2390 | rVB | 886316 | 1359302 | 8.85% | 0.743% |
| 52 | 17.292 | 2409 | 2415 | 2417 | rBV | 647312 | 1005540 | 6.54% | 0.549% |
| 53 | 17.345 | 2417 | 2424 | 2429 | rVV | 9710404 | 15367163 | 100.00% | 8.397% |
| 54 | 17.428 | 2429 | 2438 | 2443 | rVV | 4221728 | 6136782 | 39.93% | 3.353% |
| 55 | 17.481 | 2443 | 2447 | 2452 | rVB | 297966 | 476591 | 3.10% | 0.260% |
| 56 | 17.633 | 2468 | 2473 | 2477 | rBV | 831140 | 1113410 | 7.25% | 0.608% |
| 57 | 17.698 | 2477 | 2484 | 2494 | rVV | 990233 | 1582391 | 10.30% | 0.865% |
| 58 | 18.151 | 2557 | 2561 | 2565 | rBV | 812492 | 1121800 | 7.30% | 0.613% |
| 59 | 18.198 | 2565 | 2569 | 2573 | rVV2 | 3037106 | 3877776 | 25.23% | 2.119% |
| 60 | 18.251 | 2573 | 2578 | 2582 | rVV | 3191231 | 4133515 | 26.90% | 2.259% |
| 61 | 18.345 | 2589 | 2594 | 2598 | rBV3 | 1349566 | 2149872 | 13.99% | 1.175% |
| 62 | 18.375 | 2598 | 2599 | 2603 | rVB | 466462 | 434753 | 2.83% | 0.238% |
| 63 | 18.422 | 2603 | 2607 | 2611 | rBV | 1136834 | 1370633 | 8.92% | 0.749% |
| 64 | 18.610 | 2635 | 2639 | 2642 | rVV | 1495616 | 2108974 | 13.72% | 1.152% |
| 65 | 18.639 | 2642 | 2644 | 2649 | rVV2 | 894245 | 1391656 | 9.06% | 0.760% |
| 66 | 18.686 | 2649 | 2652 | 2655 | rVV3 | 354540 | 446451 | 2.91% | 0.244% |
| 67 | 18.733 | 2655 | 2660 | 2664 | rVV | 4172716 | 5100815 | 33.19% | 2.787% |
| 68 | 18.792 | 2664 | 2670 | 2675 | rVB | 3440257 | 4888049 | 31.81% | 2.671% |
| 69 | 18.892 | 2683 | 2687 | 2690 | rVB | 1442083 | 1742616 | 11.34% | 0.952% |
| 70 | 18.963 | 2694 | 2699 | 2703 | rVB | 2412481 | 2960778 | 19.27% | 1.618% |
| 71 | 19.016 | 2703 | 2708 | 2718 | rBV4 | 1104012 | 2427460 | 15.80% | 1.326% |
| 72 | 19.133 | 2720 | 2728 | 2732 | rBV3 | 1612714 | 2382951 | 15.51% | 1.302% |
| 73 | 19.198 | 2732 | 2739 | 2742 | rBV3 | 996541 | 1657649 | 10.79% | 0.906% |
| 74 | 19.228 | 2742 | 2744 | 2747 | rVV | 747848 | 848205 | 5.52% | 0.464% |
| 75 | 19.304 | 2747 | 2757 | 2760 | rVV | 5896227 | 10320927 | 67.16% | 5.640% |
| 76 | 19.333 | 2760 | 2762 | 2766 | rVB | 473667 | 486708 | 3.17% | 0.266% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 356-349

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_P\Methods\8270E-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 19.422 | 2774 | 2777 | 2784 | rVB2 | 714748 | 1201102 | 7.82% | 0.656% |
| 78 | 19.486 | 2784 | 2788 | 2790 | rBV3 | 355492 | 518041 | 3.37% | 0.283% |
| 79 | 19.510 | 2790 | 2792 | 2796 | rVV3 | 407656 | 657872 | 4.28% | 0.359% |
| 80 | 19.563 | 2797 | 2801 | 2804 | rVV3 | 668649 | 936332 | 6.09% | 0.512% |
| 81 | 19.651 | 2804 | 2816 | 2822 | rVV2 | 4764685 | 9291210 | 60.46% | 5.077% |
| 82 | 19.716 | 2823 | 2827 | 2833 | rVB3 | 495490 | 982506 | 6.39% | 0.537% |
| 83 | 19.833 | 2843 | 2847 | 2852 | rVB2 | 1145394 | 1620181 | 10.54% | 0.885% |
| 84 | 19.880 | 2852 | 2855 | 2862 | rBV2 | 283641 | 433658 | 2.82% | 0.237% |
| 85 | 19.951 | 2863 | 2867 | 2874 | rBV3 | 503563 | 986079 | 6.42% | 0.539% |
| 86 | 20.127 | 2893 | 2897 | 2900 | rVB | 876358 | 1128091 | 7.34% | 0.616% |
| 87 | 20.222 | 2909 | 2913 | 2918 | rBV | 1006336 | 1304163 | 8.49% | 0.713% |
| 88 | 20.275 | 2918 | 2922 | 2927 | rVV2 | 402673 | 713413 | 4.64% | 0.390% |
| 89 | 20.333 | 2930 | 2932 | 2940 | rVB2 | 455333 | 572370 | 3.72% | 0.313% |
| 90 | 20.416 | 2943 | 2946 | 2950 | rBV | 264586 | 374477 | 2.44% | 0.205% |
| 91 | 20.457 | 2950 | 2953 | 2957 | rVV2 | 551065 | 697114 | 4.54% | 0.381% |
| 92 | 20.504 | 2958 | 2961 | 2971 | rVB2 | 457298 | 636192 | 4.14% | 0.348% |
| 93 | 21.051 | 3051 | 3054 | 3058 | rVV2 | 341415 | 453244 | 2.95% | 0.248% |
| 94 | 21.092 | 3058 | 3061 | 3066 | rVB2 | 266477 | 423767 | 2.76% | 0.232% |
| 95 | 21.351 | 3100 | 3105 | 3110 | rBV3 | 2013373 | 3582503 | 23.31% | 1.958% |
| 96 | 21.398 | 3110 | 3113 | 3122 | rVB | 1705290 | 2327202 | 15.14% | 1.272% |
| 97 | 23.033 | 3386 | 3391 | 3397 | rBV | 959054 | 2286115 | 14.88% | 1.249% |
| 98 | 23.557 | 3475 | 3480 | 3489 | rVB | 641316 | 1256635 | 8.18% | 0.687% |
| 99 | 23.663 | 3492 | 3498 | 3506 | rVB | 878330 | 1734442 | 11.29% | 0.948% |
| 100 | 23.768 | 3511 | 3516 | 3521 | rBV2 | 555428 | 1047203 | 6.81% | 0.572% |

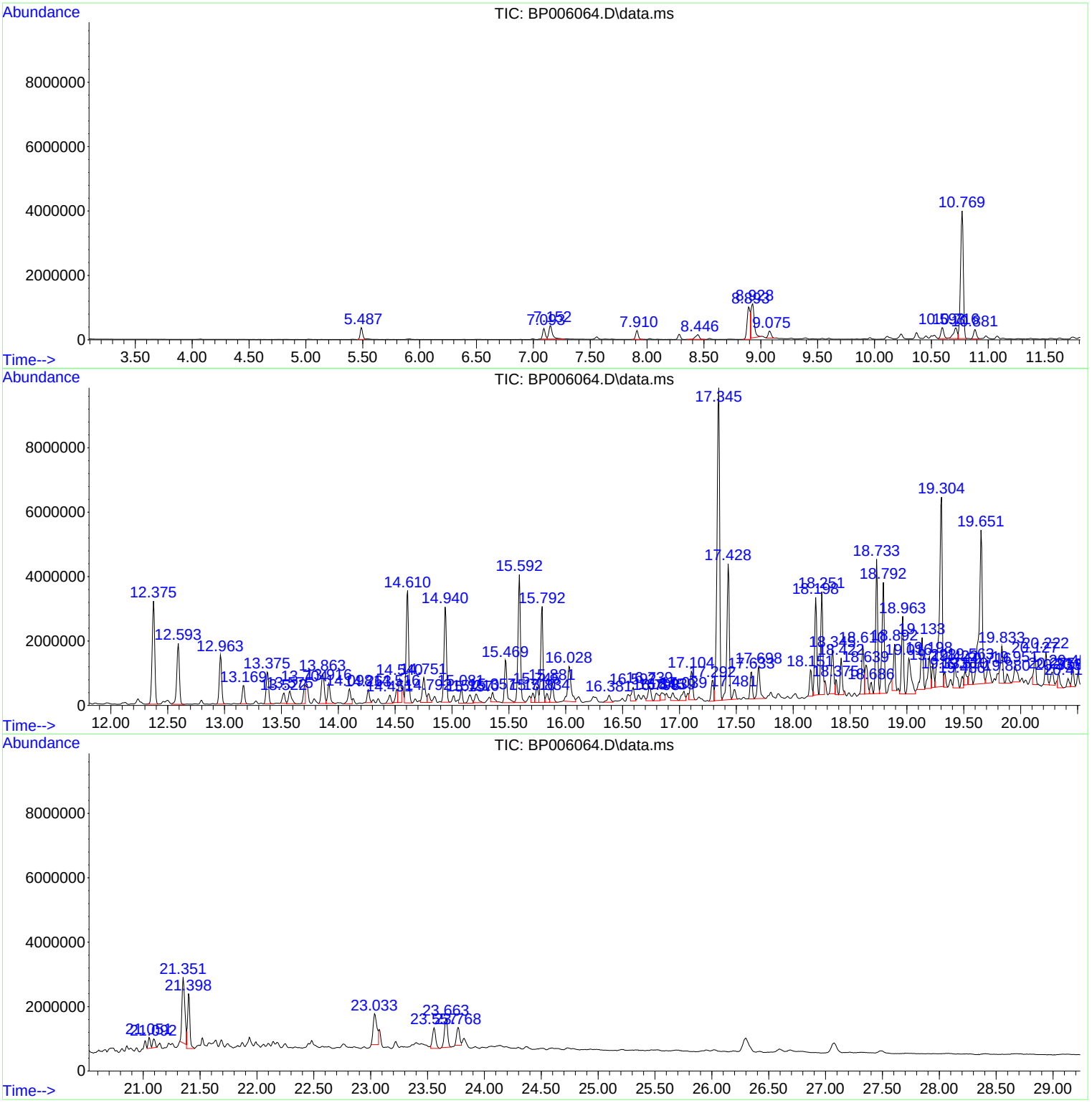
Sum of corrected areas: 182998945

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
356-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
356-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

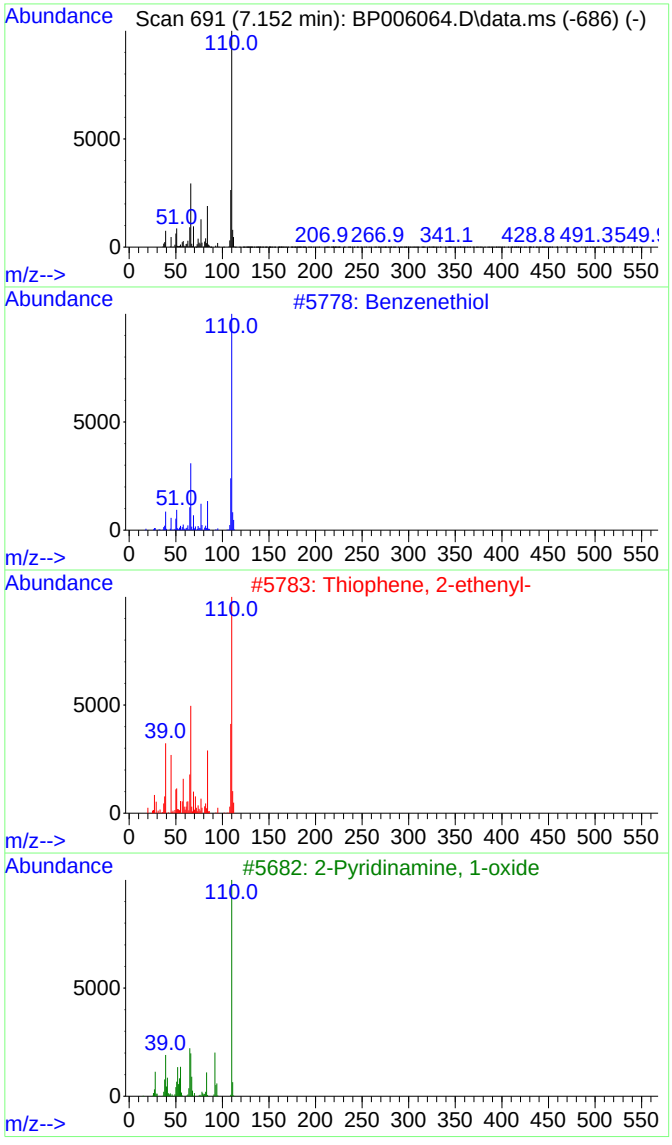
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

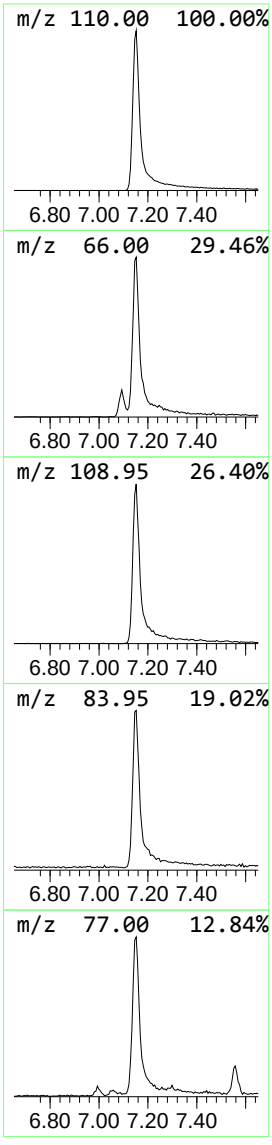
**********

Peak Number 1 Benzenethiol Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.152 | 40.10 ng | 895985 | 1,4-Dichlorobenzene-d4 | 7.910 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenethiol | 110 | C6H6S | 000108-98-5 | 97 |
| 2 | Thiophene, 2-ethenyl- | 110 | C6H6S | 001918-82-7 | 59 |
| 3 | 2-Pyridinamine, 1-oxide | 110 | C5H6N2O | 014150-95-9 | 53 |
| 4 | 1H-Pyrazole, 1,3,5-trimethyl- | 110 | C6H10N2 | 001072-91-9 | 38 |
| 5 | Pyrrole-2-carboxamide | 110 | C5H6N2O | 004551-72-8 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
356-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

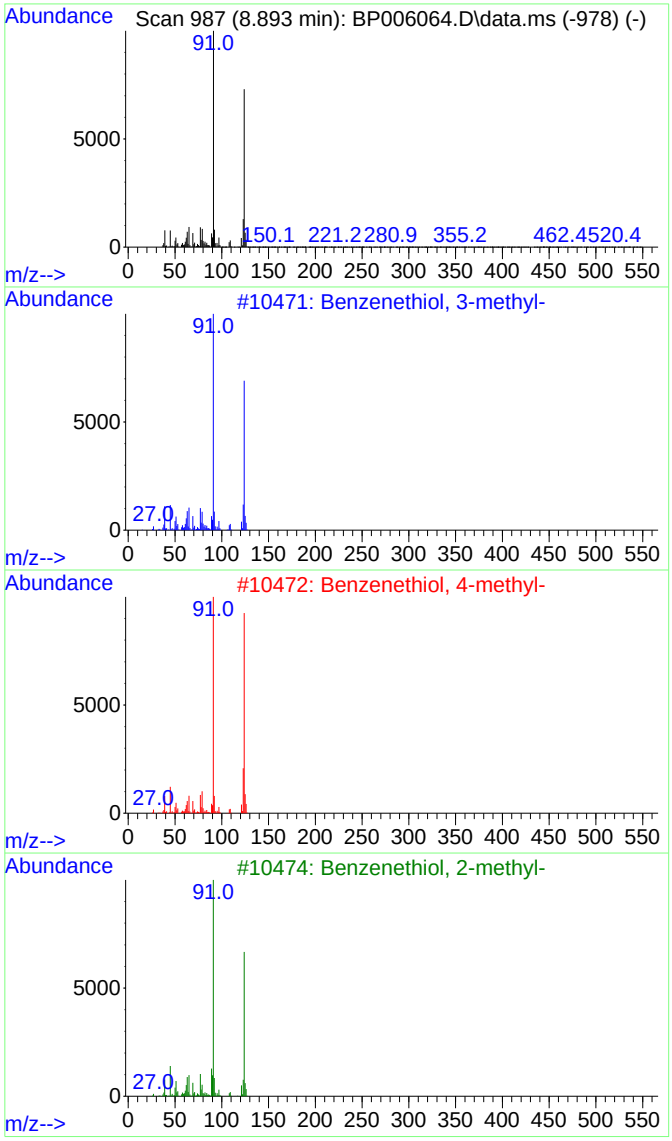
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

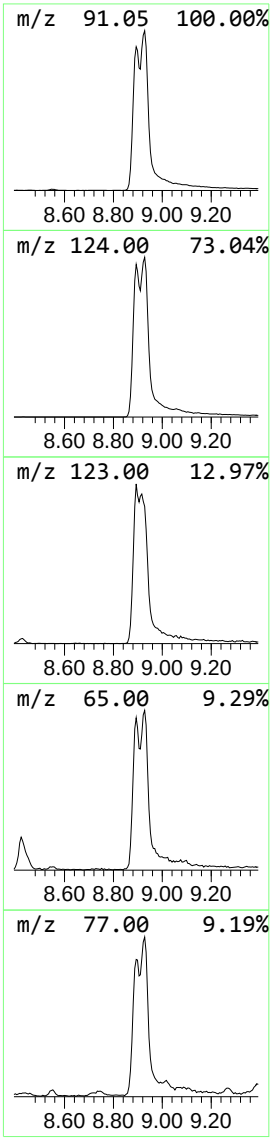
**********

Peak Number 2 Benzenethiol, 3-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.893 | 92.34 ng | 2063210 | 1,4-Dichlorobenzene-d4 | 7.910 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenethiol, 3-methyl- | 124 | C7H8S | 000108-40-7 | 94 |
| 2 | Benzenethiol, 4-methyl- | 124 | C7H8S | 000106-45-6 | 90 |
| 3 | Benzenethiol, 2-methyl- | 124 | C7H8S | 000137-06-4 | 87 |
| 4 | Benzenemethanethiol | 124 | C7H8S | 000100-53-8 | 68 |
| 5 | 2-Amino-4-methyl-3-pyridinol | 124 | C6H8N2O | 020348-18-9 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 356-349

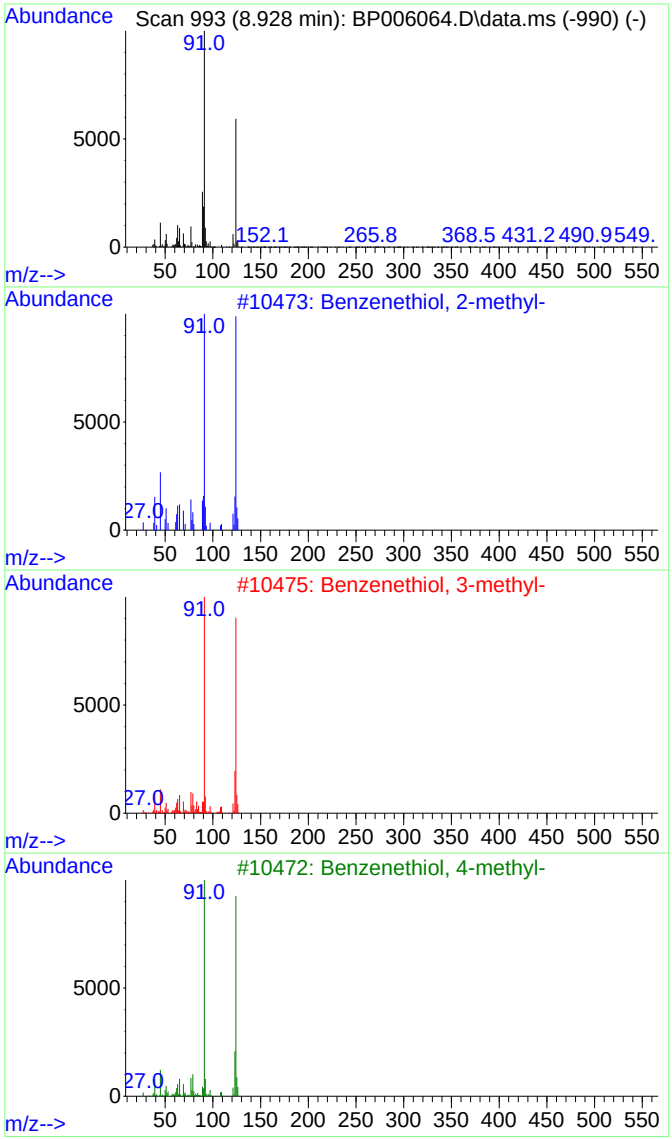
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

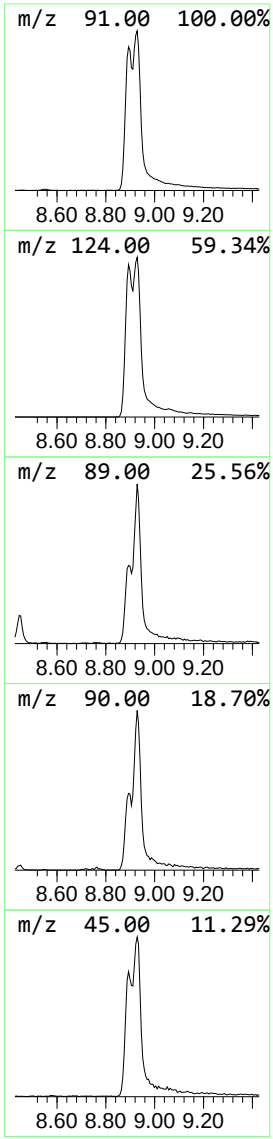
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzenethiol, 2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.928 | 87.57 ng | 1956700 | 1,4-Dichlorobenzene-d4 | 7.910 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenethiol, 2-methyl- | 124 | C7H8S | 000137-06-4 | 87 |
| 2 | Benzenethiol, 3-methyl- | 124 | C7H8S | 000108-40-7 | 52 |
| 3 | Benzenethiol, 4-methyl- | 124 | C7H8S | 000106-45-6 | 50 |
| 4 | Benzenemethanethiol | 124 | C7H8S | 000100-53-8 | 50 |
| 5 | Oxirane, phenyl- | 120 | C8H8O | 000096-09-3 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
356-349

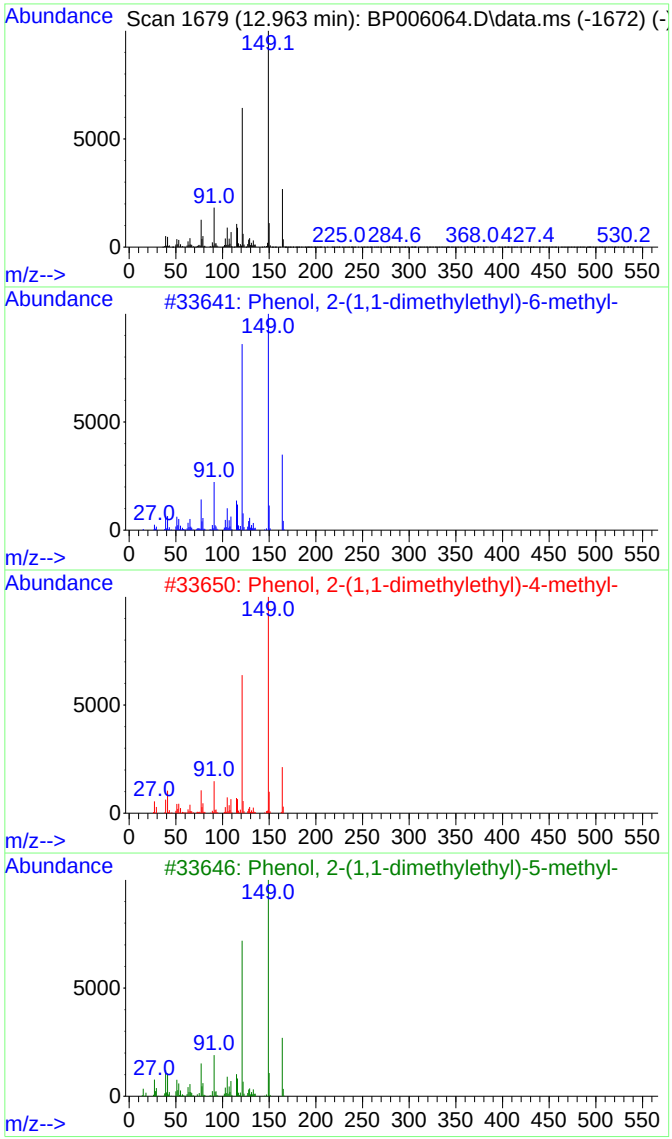
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

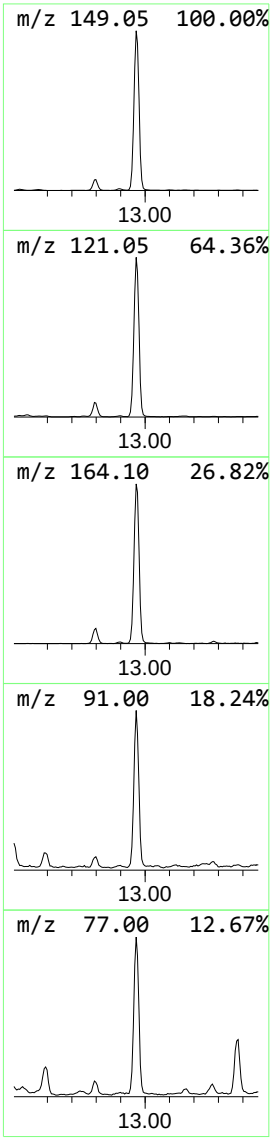
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Phenol, 2-(1,1-dimethylethy... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.963 | 38.48 ng | 2218860 | Acenaphthene-d10 | 14.540 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-(1,1-dimethylethyl)-6-... | 164 | C11H16O | 002219-82-1 | 96 |
| 2 | Phenol, 2-(1,1-dimethylethyl)-4-... | 164 | C11H16O | 002409-55-4 | 96 |
| 3 | Phenol, 2-(1,1-dimethylethyl)-5-... | 164 | C11H16O | 000088-60-8 | 96 |
| 4 | Phenol, 2-(1,1-dimethylethyl)-3-... | 164 | C11H16O | 013037-79-1 | 87 |
| 5 | Benzenemethanol, 4-(1,1-dimethyl... | 164 | C11H16O | 000877-65-6 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
356-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

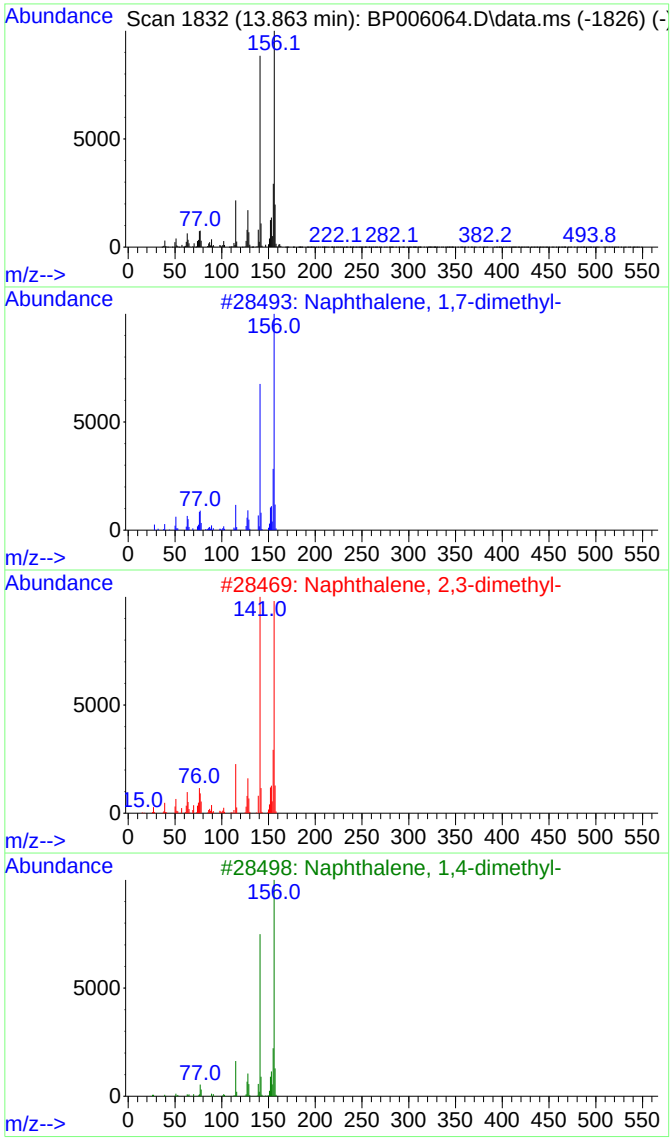
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

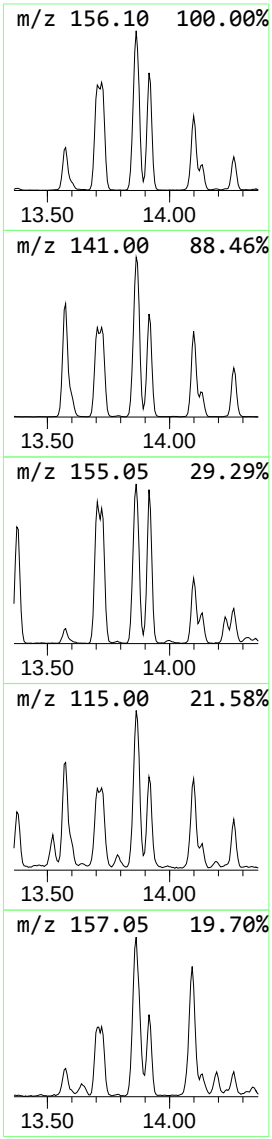
**********

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.863 | 28.16 ng | 1623950 | Acenaphthene-d10 | 14.540 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 95 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 95 |
| 3 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 95 |
| 4 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 95 |
| 5 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 95 |



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Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
356-349

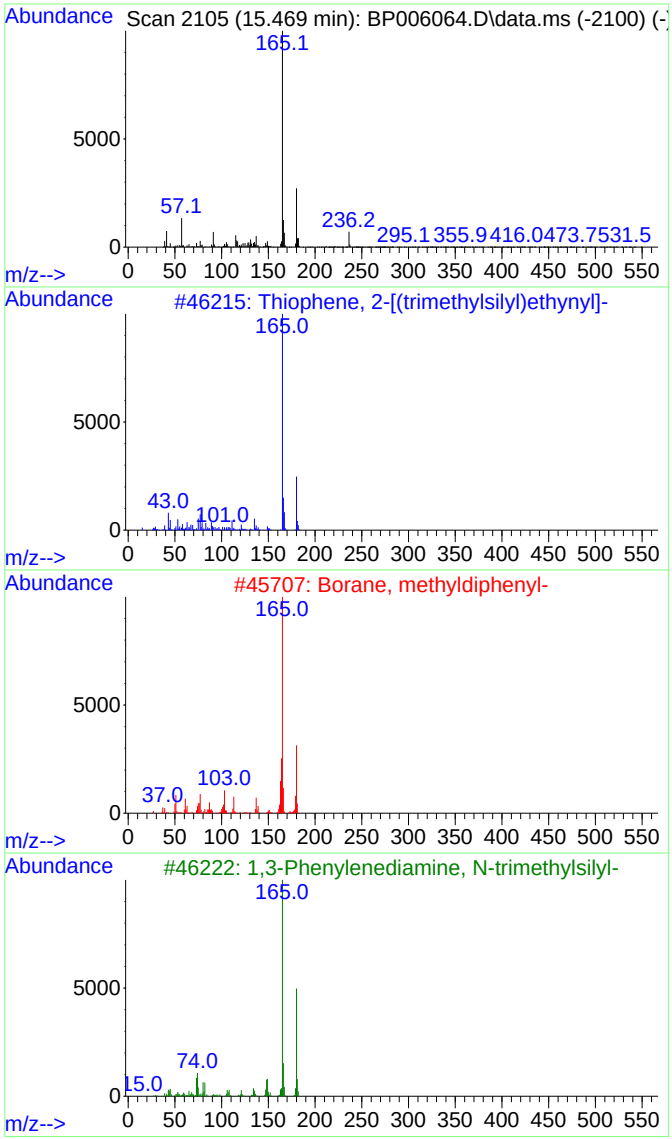
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

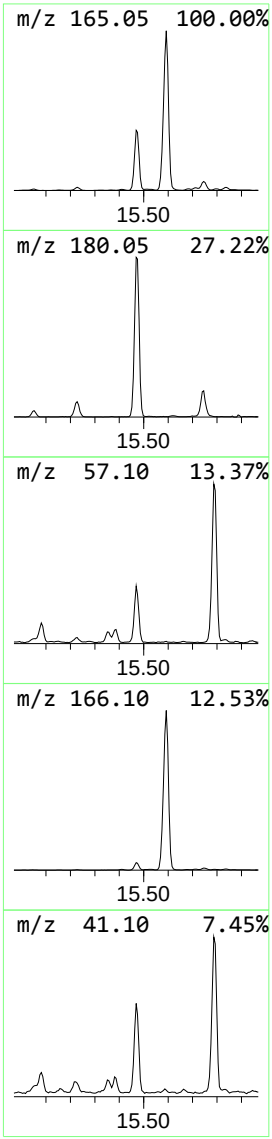
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Thiophene, 2-[(trimethylsil... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.469 | 35.31 ng | 2035740 | Acenaphthene-d10 | 14.540 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Thiophene, 2-[(trimethylsilyl)et... | 180 | C9H12SSi | 040231-03-6 | 72 |
| 2 | Borane, methyldiphenyl- | 180 | C13H13B | 059073-99-3 | 72 |
| 3 | 1,3-Phenylenediamine, N-trimethy... | 180 | C9H16N2Si | 1000374-68-0 | 64 |
| 4 | Benzenamine, N-ethyl-N-methyl-4-... | 180 | C9H12N2O2 | 056269-48-8 | 64 |
| 5 | Benzenethiol, 4-(1,1-dimethyleth... | 180 | C11H16S | 015570-10-2 | 56 |



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Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 356-349

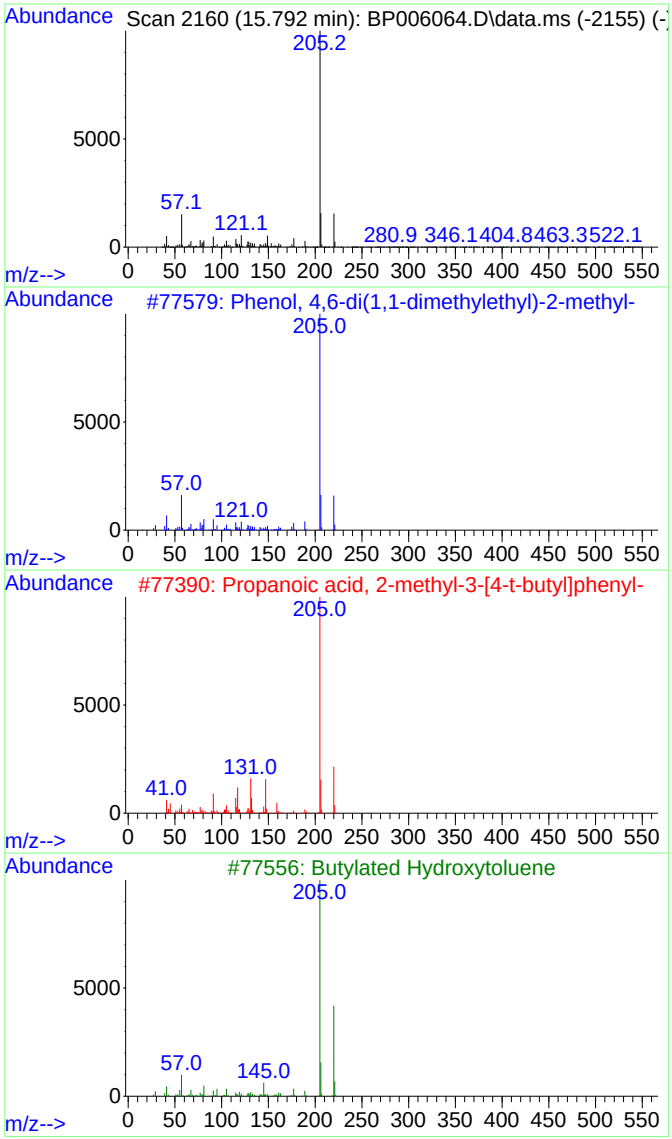
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

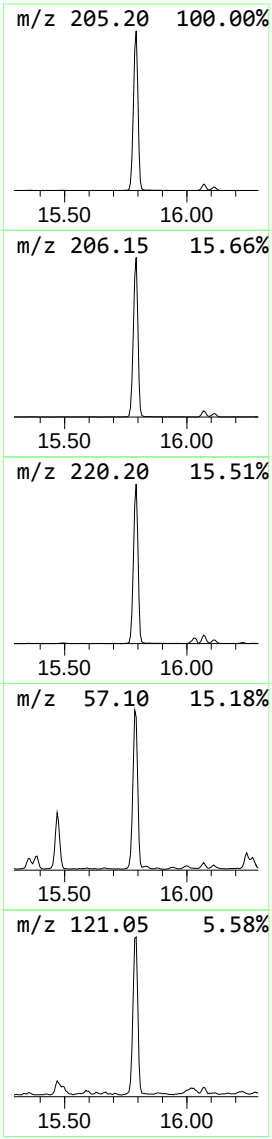
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Phenol, 4,6-di(1,1-dimethyl... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.792 | 70.32 ng | 4054900 | Acenaphthene-d10 | 14.540 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4,6-di(1,1-dimethylethyl... | 220 | C15H24O | 000616-55-7 | 97 |
| 2 | Propanoic acid, 2-methyl-3-[4-t-... | 220 | C14H20O2 | 1000131-87-0 | 74 |
| 3 | Butylated Hydroxytoluene | 220 | C15H24O | 000128-37-0 | 72 |
| 4 | 4,6-di-tert-Butyl-m-cresol | 220 | C15H24O | 000497-39-2 | 72 |
| 5 | 4H-Benzo[def]carbazole, 4-methyl- | 205 | C15H11N | 084819-26-1 | 59 |



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Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
356-349

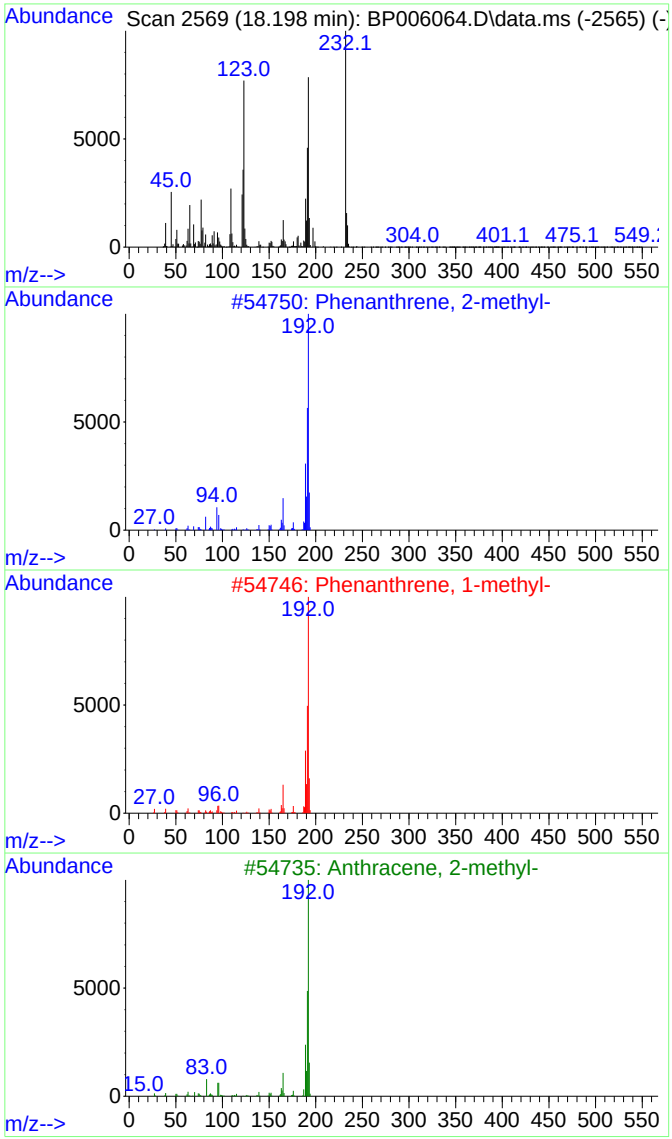
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

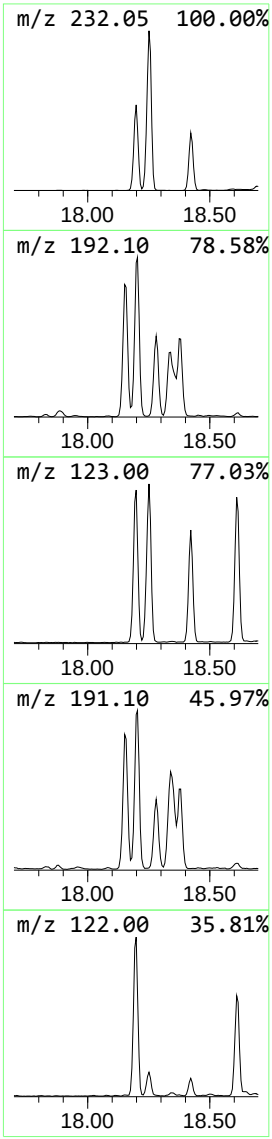
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.198 | 77.13 ng | 3877780 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 93 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 78 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 74 |
| 5 | Anthracene, 9-methyl- | 192 | C15H12 | 000779-02-2 | 74 |



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Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 356-349

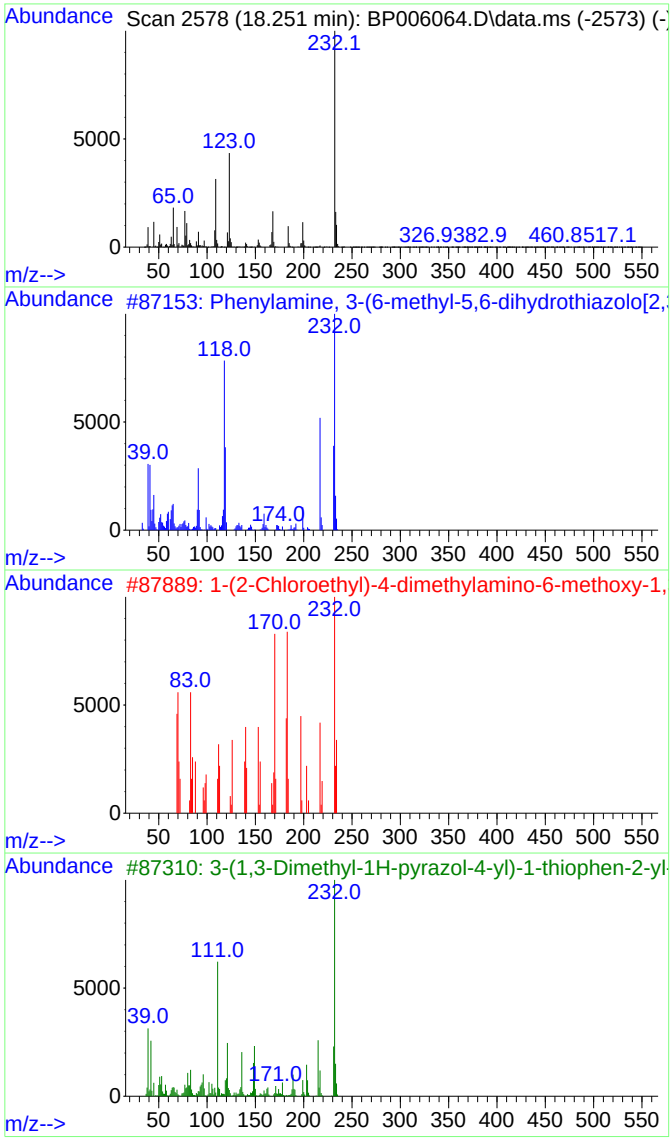
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

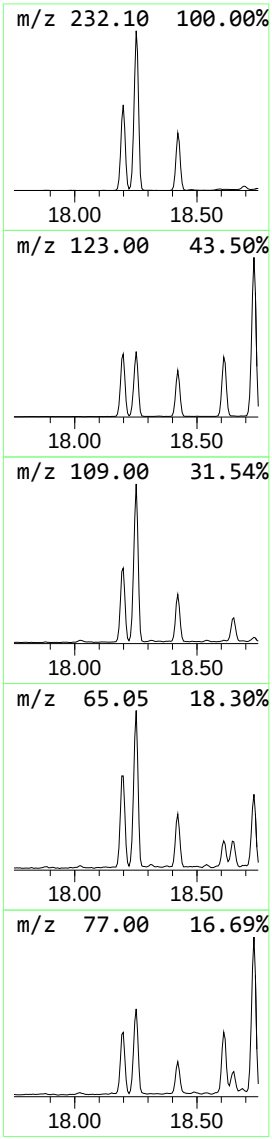
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 unknown18.251 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.251 | 82.21 ng | 4133520 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenylamine, 3-(6-methyl-5,6-dih... | 232 | C11H12N4S | 1000310-11-2 | 43 |
| 2 | 1-(2-Chloroethyl)-4-dimethylamin... | 232 | C8H13ClN4O2 | 069825-95-2 | 38 |
| 3 | 3-(1,3-Dimethyl-1H-pyrazol-4-yl)... | 232 | C12H12N2OS | 1000300-23-8 | 37 |
| 4 | Benzene, 1-iodo-2,4-dimethyl- | 232 | C8H9I | 004214-28-2 | 35 |
| 5 | 1,4-Naphthalenedione, 6-acetyl-5... | 232 | C12H8O5 | 014090-47-2 | 32 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 356-349

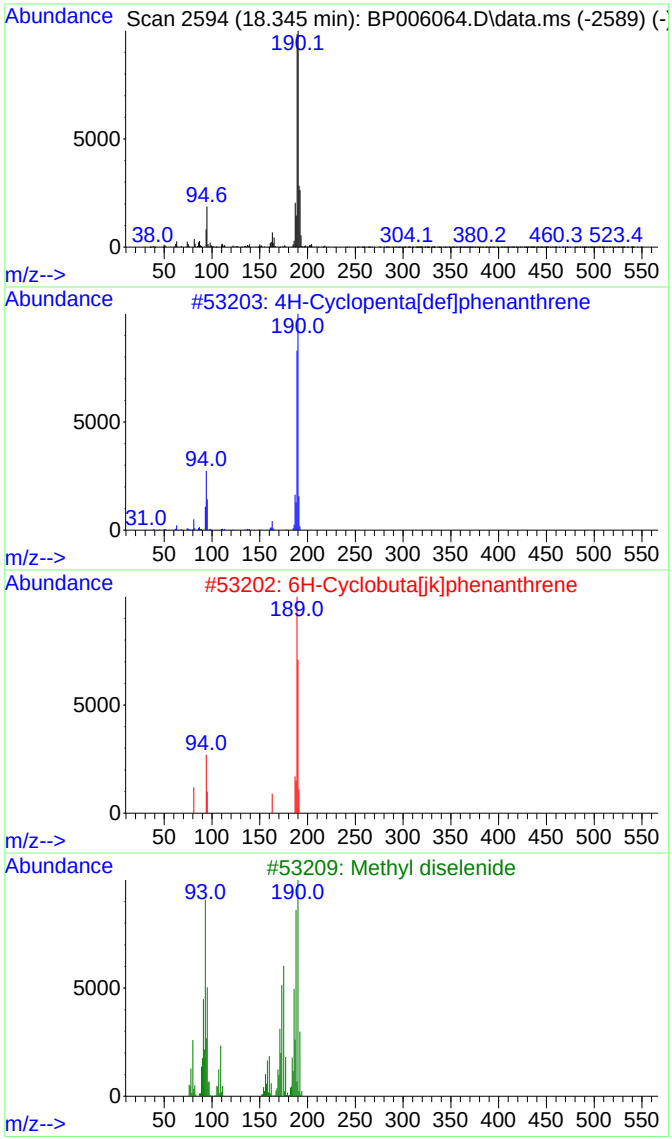
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

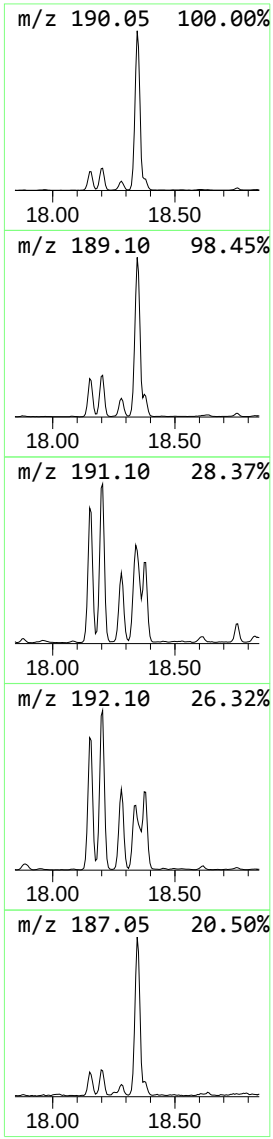
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.345 | 42.76 ng | 2149870 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 93 |
| 2 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 64 |
| 3 | Methyl diselenide | 190 | C2H6Se2 | 007101-31-7 | 55 |
| 4 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 45 |
| 5 | 2,6-Dichlorobenzaldoxime | 189 | C7H5Cl2NO | 025185-95-9 | 27 |



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Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
356-349

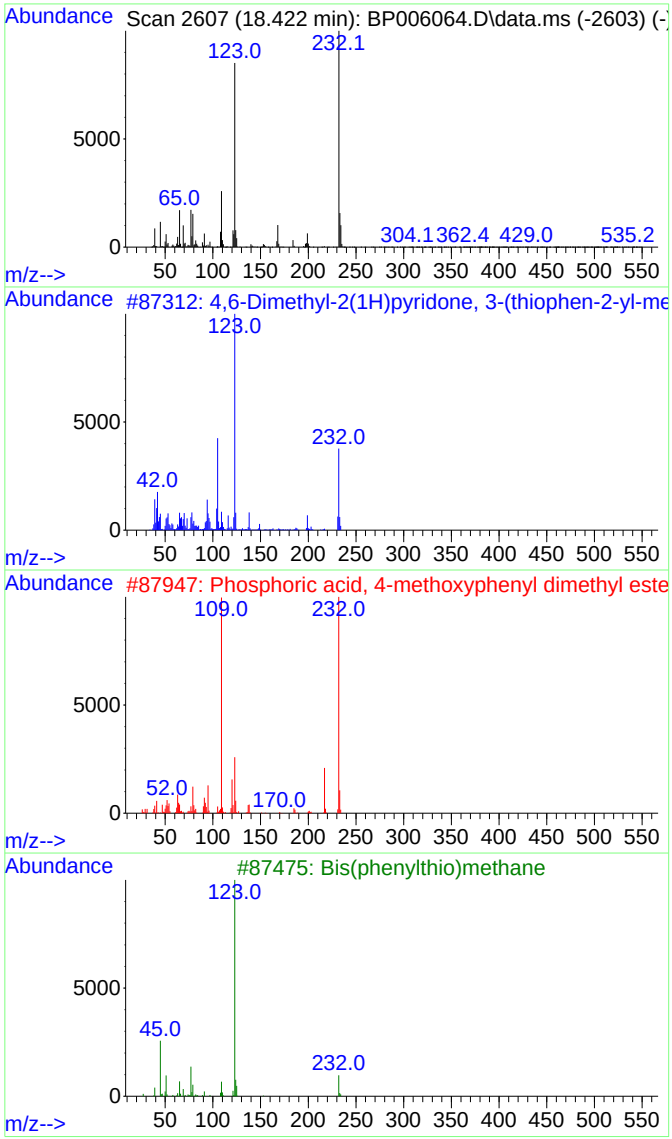
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

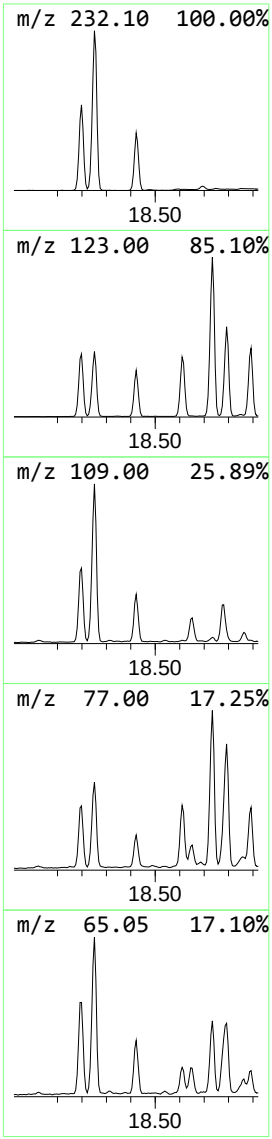
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 4,6-Dimethyl-2(1H)pyridone,... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.422 | 27.26 ng | 1370630 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4,6-Dimethyl-2(1H)pyridone, 3-(t... | 232 | C12H12N2OS | 1000223-42-9 | 50 |
| 2 | Phosphoric acid, 4-methoxyphenyl... | 232 | C9H13O5P | 007357-14-4 | 38 |
| 3 | Bis(phenylthio)methane | 232 | C13H12S2 | 003561-67-9 | 35 |
| 4 | Benzene, 1-iodo-2,4-dimethyl- | 232 | C8H9I | 004214-28-2 | 30 |
| 5 | Benzene, 2-iodo-1,4-dimethyl- | 232 | C8H9I | 001122-42-5 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
356-349

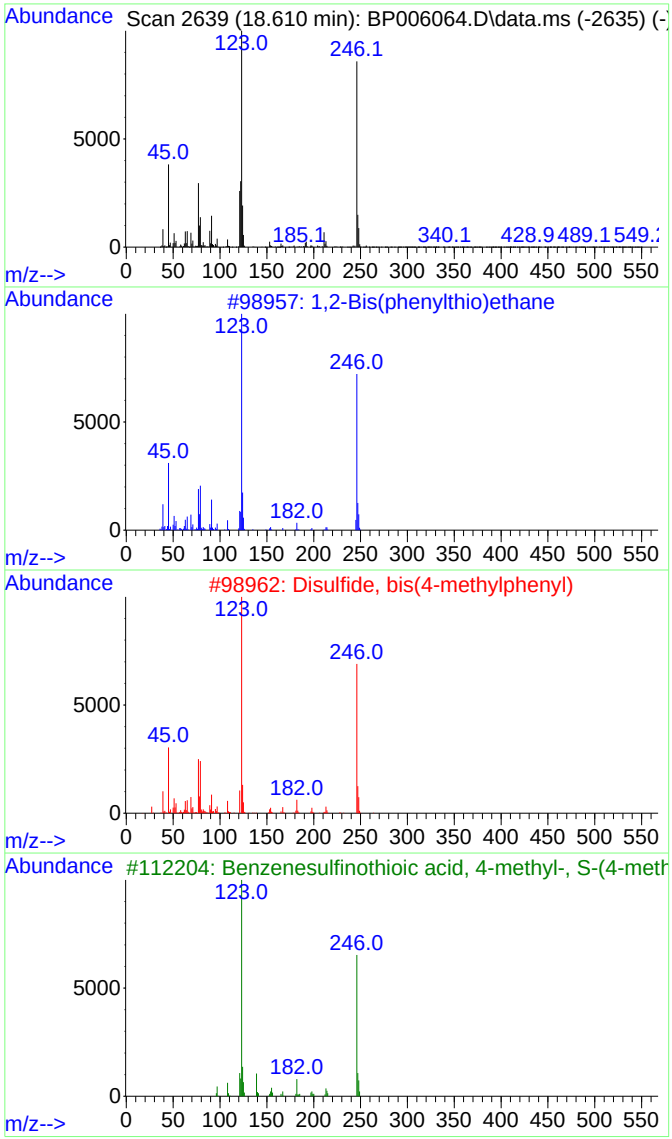
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

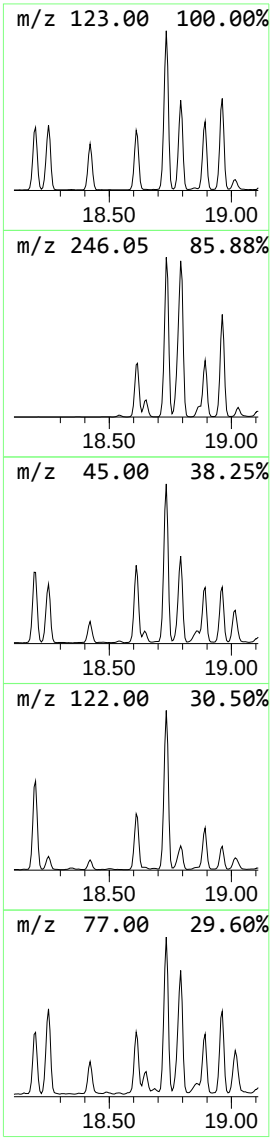
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 1,2-Bis(phenylthio)ethane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.610 | 41.95 ng | 2108970 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2-Bis(phenylthio)ethane | 246 | C14H14S2 | 000622-20-8 | 93 |
| 2 | Disulfide, bis(4-methylphenyl) | 246 | C14H14S2 | 000103-19-5 | 83 |
| 3 | Benzenesulfinothioic acid, 4-met... | 262 | C14H14OS2 | 006481-73-8 | 56 |
| 4 | 4,4'-Thiobis(2-methylphenol) | 246 | C14H14O2S | 024197-34-0 | 38 |
| 5 | D-Tyrosine, 3-hydroxy- | 197 | C9H11NO4 | 005796-17-8 | 37 |



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Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 356-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

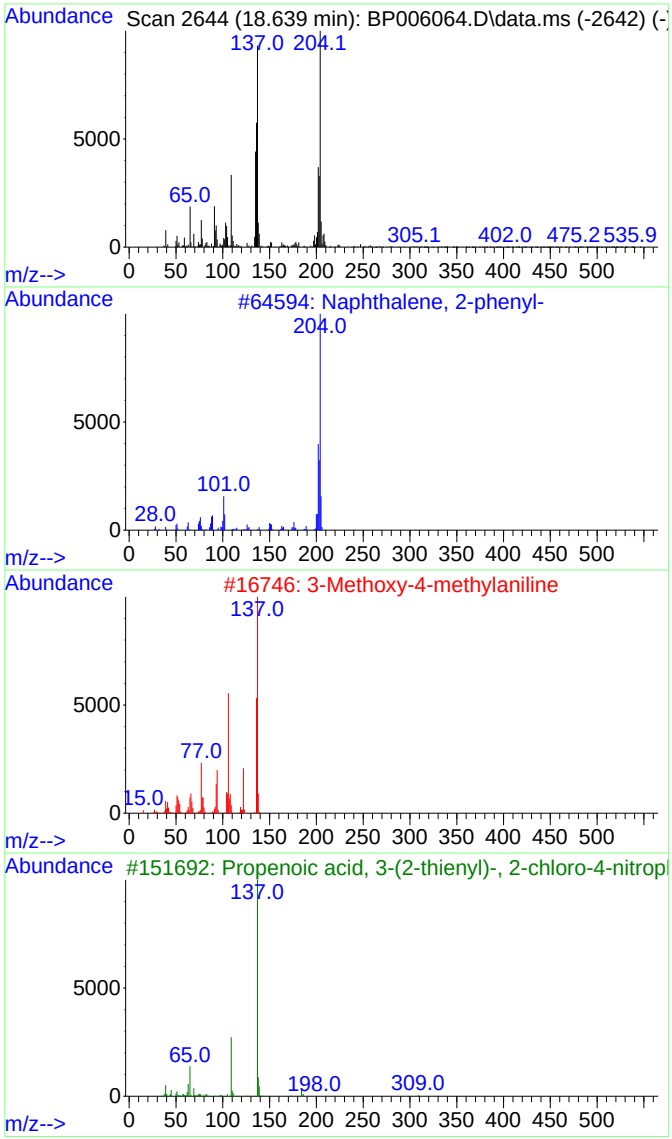
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

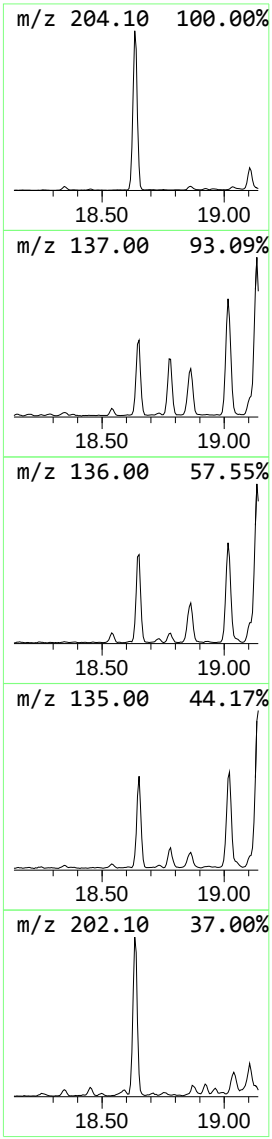
**********

Peak Number 13 unknown18.639 Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.639 | 27.68 ng | 1391660 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 38 |
| 2 | 3-Methoxy-4-methylaniline | 137 | C8H11NO | 016452-01-0 | 25 |
| 3 | Propenoic acid, 3-(2-thienyl)-, ... | 309 | C13H8ClNO4S | 1000272-11-7 | 14 |
| 4 | Propenoic acid, 3-(2-thienyl)-, ... | 264 | C13H9ClO2S | 284665-04-9 | 14 |
| 5 | [1,1'-Biphenyl]-4,4'-dicarbonitrile | 204 | C14H8N2 | 001591-30-6 | 14 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 356-349

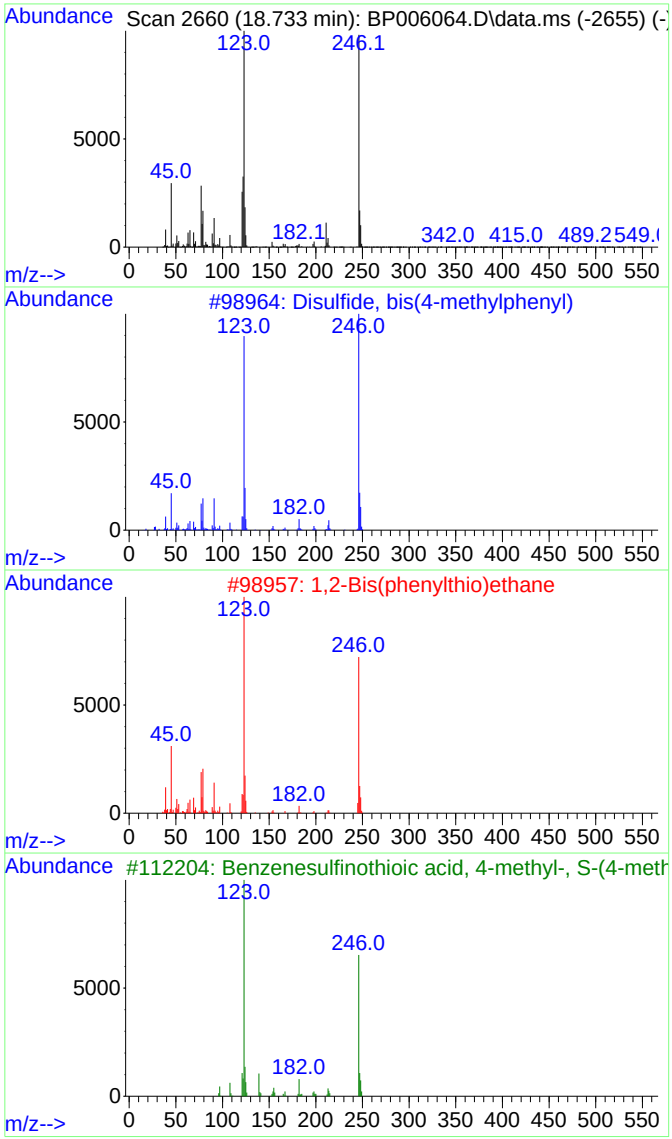
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

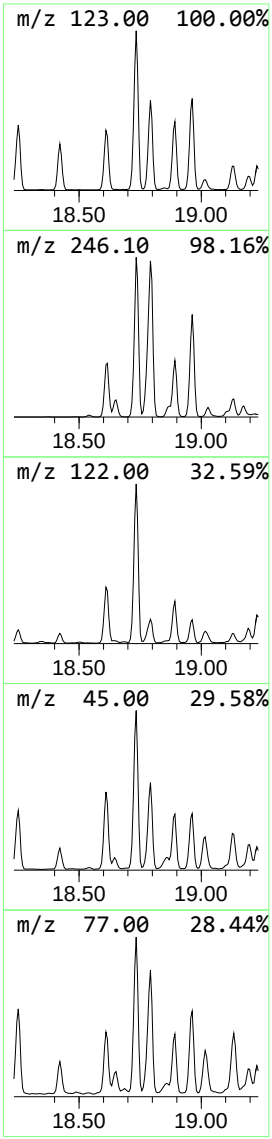
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Disulfide, bis(4-methylphenyl) Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.733 | 101.45 ng | 5100820 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Disulfide, bis(4-methylphenyl) | 246 | C14H14S2 | 000103-19-5 | 93 |
| 2 | 1,2-Bis(phenylthio)ethane | 246 | C14H14S2 | 000622-20-8 | 87 |
| 3 | Benzenesulfinothioic acid, 4-met... | 262 | C14H14OS2 | 006481-73-8 | 40 |
| 4 | 4,4'-Bis(methylsulfanyl)biphenyl | 246 | C14H14S2 | 010075-90-8 | 38 |
| 5 | D-Tyrosine, 3-hydroxy- | 197 | C9H11NO4 | 005796-17-8 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
356-349

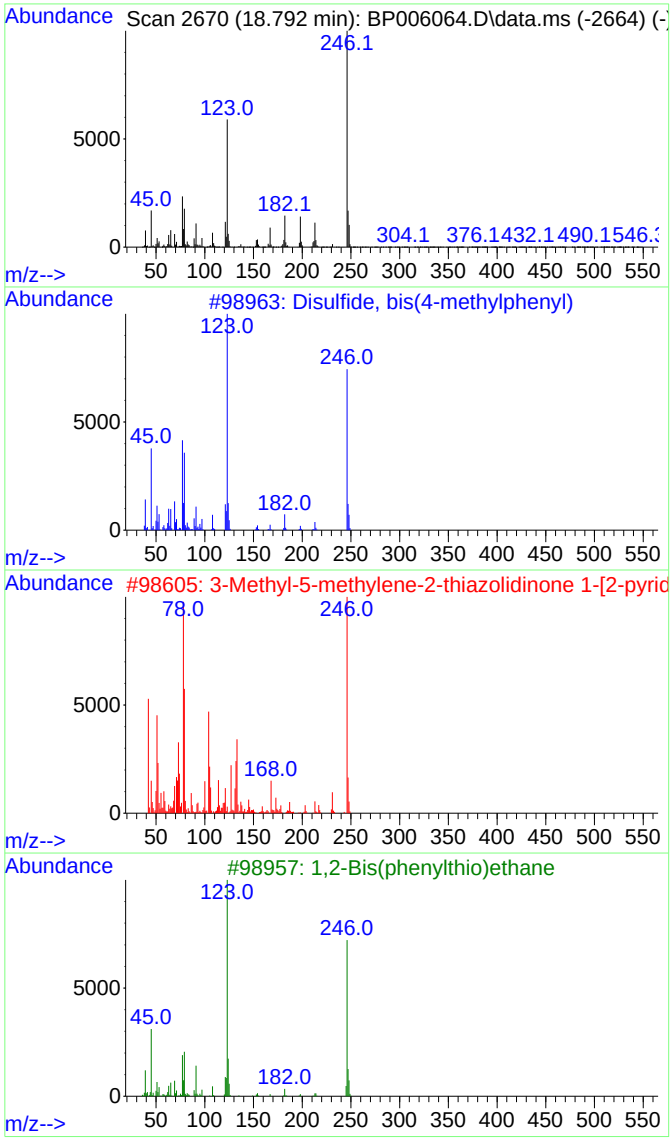
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

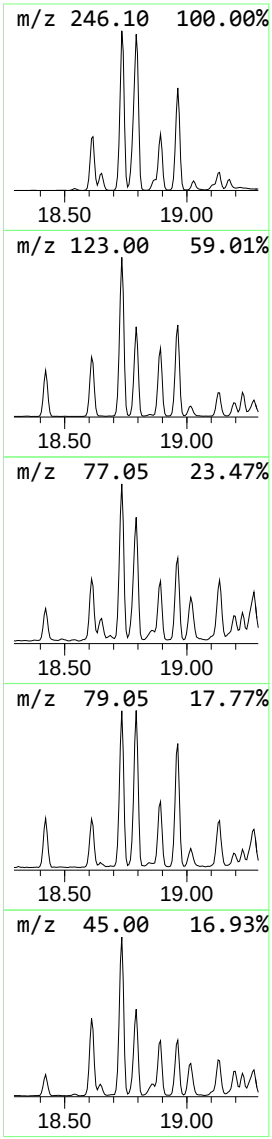
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 3-Methyl-5-methylene-2-thia... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.792 | 97.22 ng | 4888050 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Disulfide, bis(4-methylphenyl) | 246 | C14H14S2 | 000103-19-5 | 94 |
| 2 | 3-Methyl-5-methylene-2-thiazolid... | 246 | C12H14N4S | 071555-58-3 | 89 |
| 3 | 1,2-Bis(phenylthio)ethane | 246 | C14H14S2 | 000622-20-8 | 58 |
| 4 | 4-Methylimidazole-5-[1,1-dimethy... | 246 | C14H18N2O2 | 1000126-22-5 | 50 |
| 5 | 3-[N-[1-Methylpropyl]carbamoylet... | 246 | C10H18N2OS2 | 156269-73-7 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
356-349

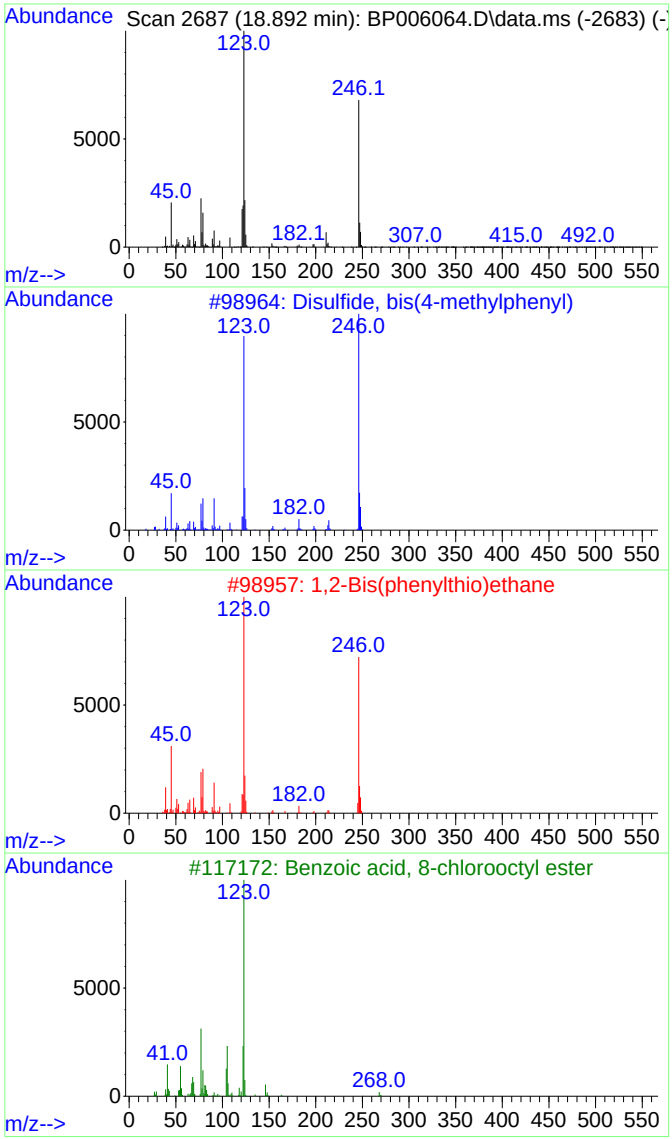
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

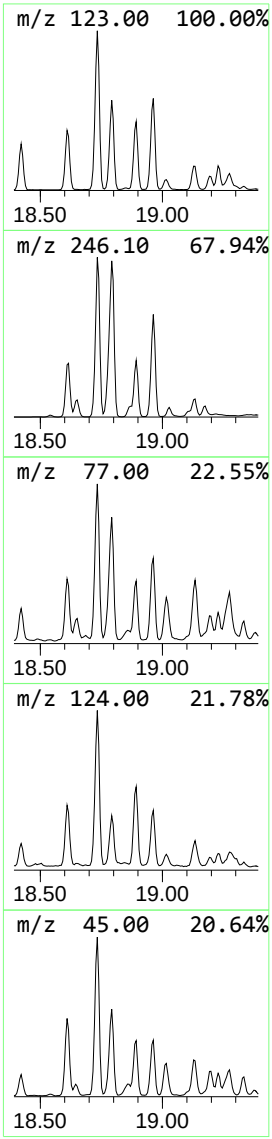
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 unknown18.892 Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.892 | 34.66 ng | 1742620 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Disulfide, bis(4-methylphenyl) | 246 | C14H14S2 | 000103-19-5 | 91 |
| 2 | 1,2-Bis(phenylthio)ethane | 246 | C14H14S2 | 000622-20-8 | 87 |
| 3 | Benzoic acid, 8-chlorooctyl ester | 268 | C15H21ClO2 | 1000367-93-0 | 37 |
| 4 | Pteridine, 2-(methylthio)-4-(tri... | 246 | C8H5F3N4S | 032710-61-5 | 27 |
| 5 | Benzenesulfinothioic acid, 4-met... | 262 | C14H14OS2 | 006481-73-8 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 356-349

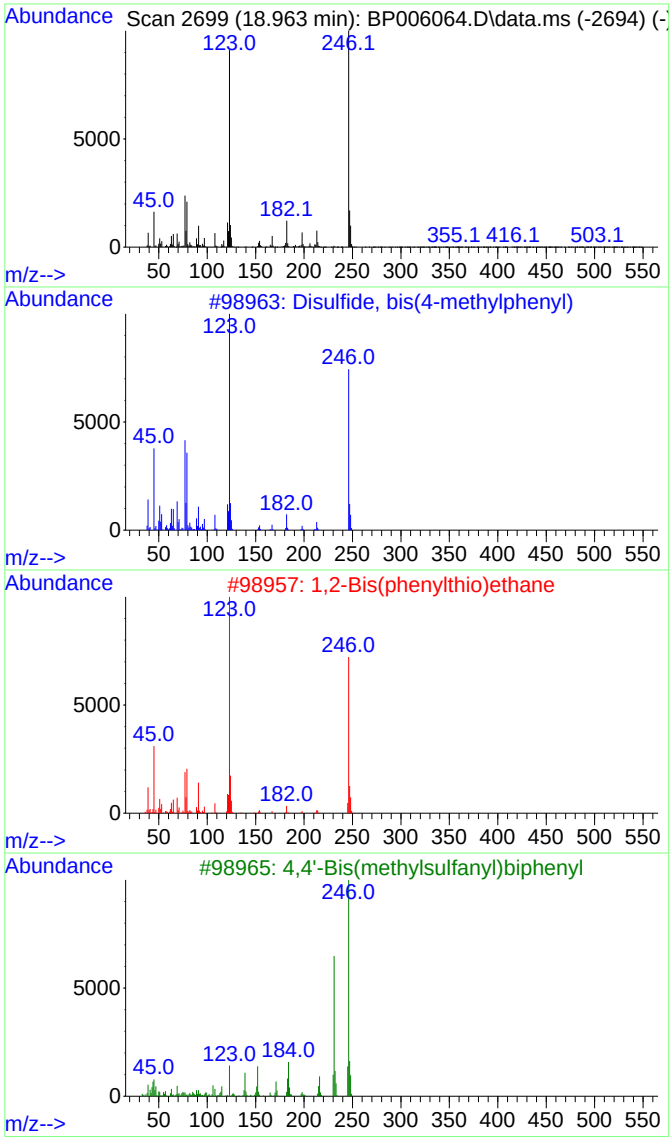
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

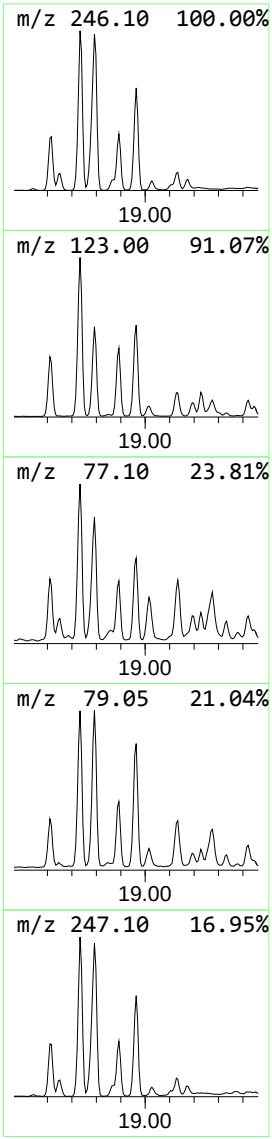
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 4,4'-Bis(methylsulfanyl)bip... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.963 | 58.89 ng | 2960780 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Disulfide, bis(4-methylphenyl) | 246 | C14H14S2 | 000103-19-5 | 98 |
| 2 | 1,2-Bis(phenylthio)ethane | 246 | C14H14S2 | 000622-20-8 | 38 |
| 3 | 4,4'-Bis(methylsulfanyl)biphenyl | 246 | C14H14S2 | 010075-90-8 | 35 |
| 4 | Benzenesulfinothioic acid, 4-met... | 262 | C14H14OS2 | 006481-73-8 | 32 |
| 5 | [1,1':3',1''-Terphenyl]-4'-ol | 246 | C18H14O | 006093-03-4 | 32 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 356-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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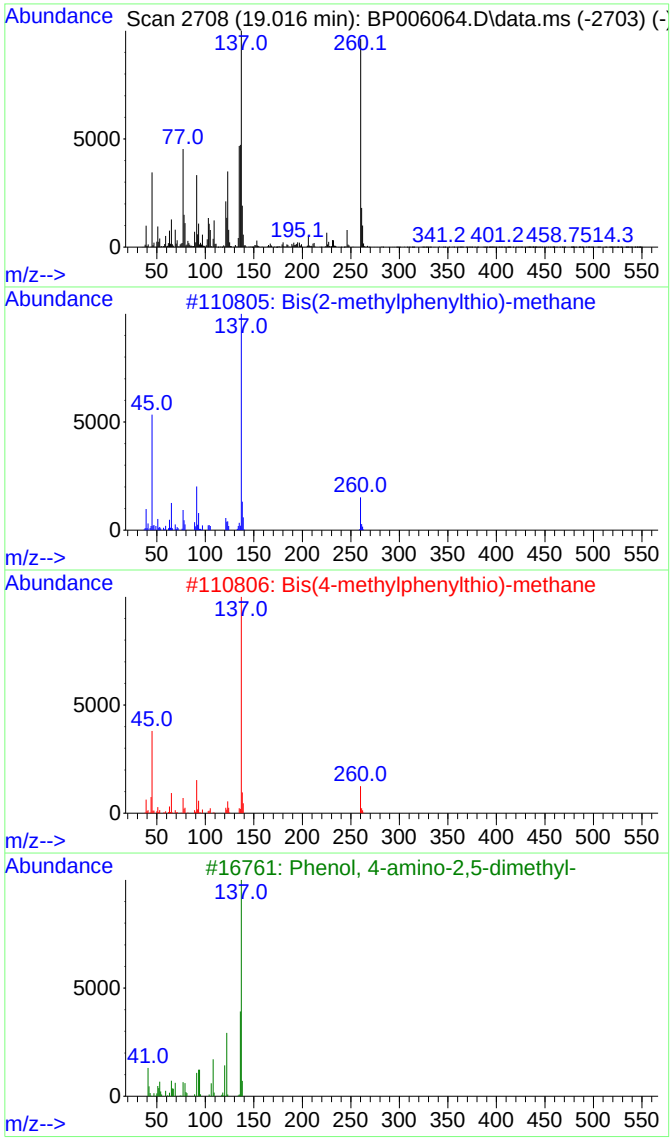
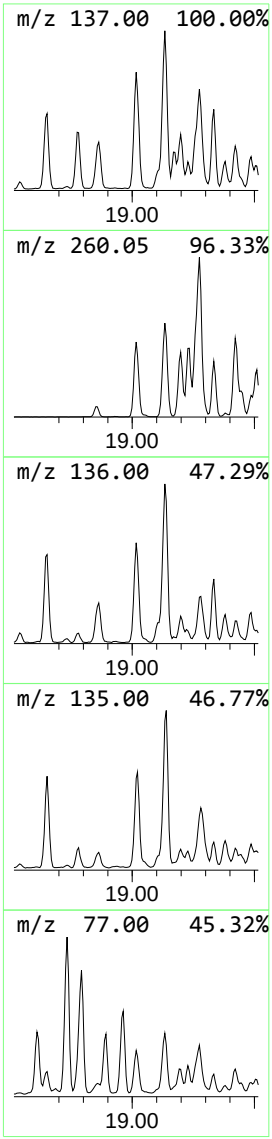
Peak Number 18 unknown19.016 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.016 | 48.28 ng | 2427460 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bis(2-methylphenylthio)-methane | 260 | C15H16S2 | 069984-33-4 | 43 |
| 2 | Bis(4-methylphenylthio)-methane | 260 | C15H16S2 | 017241-04-2 | 37 |
| 3 | Phenol, 4-amino-2,5-dimethyl- | 137 | C8H11NO | 003096-71-7 | 22 |
| 4 | Diaveridine | 260 | C13H16N4O2 | 005355-16-8 | 22 |
| 5 | (4-Methylphenylthio)acetone | 180 | C10H12OS | 001200-13-1 | 14 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
356-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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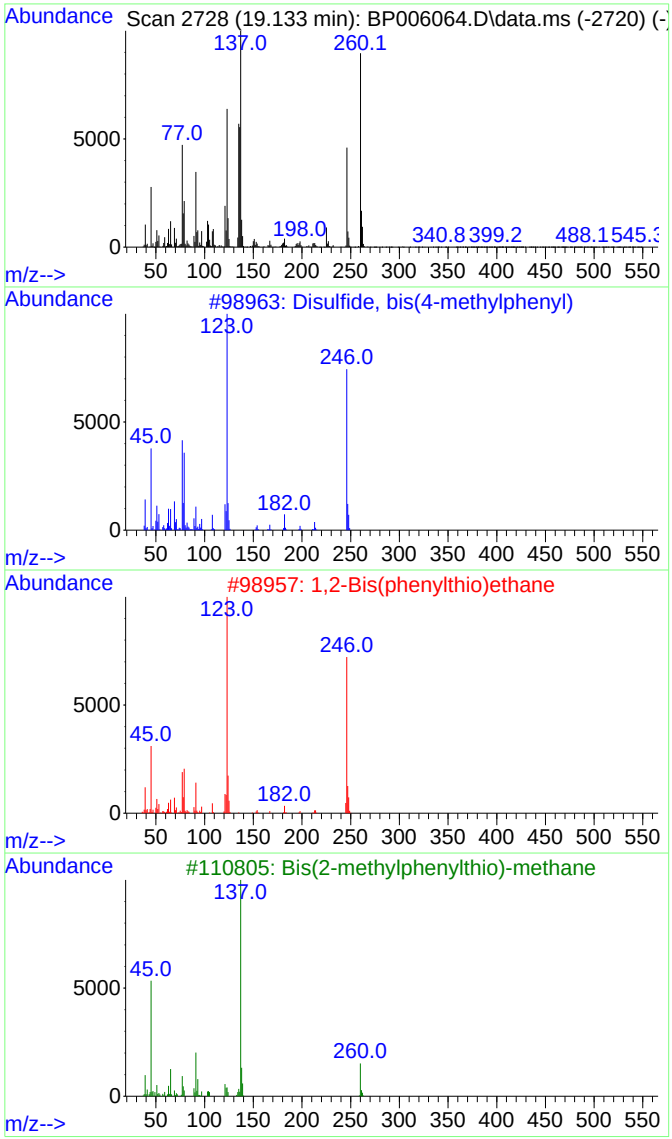
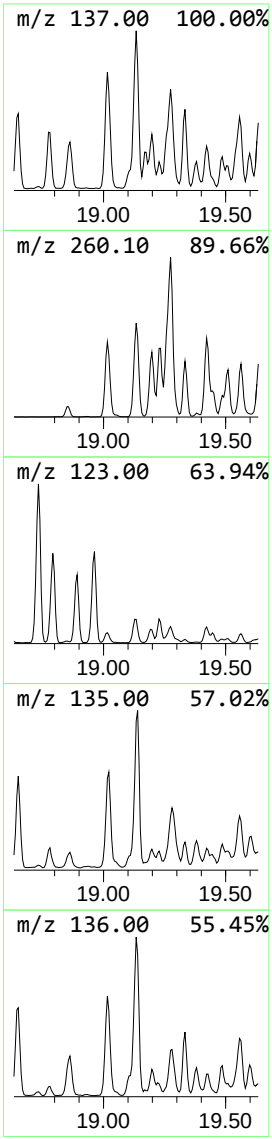
Peak Number 19 unknown19.133 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.133 | 47.40 ng | 2382950 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Disulfide, bis(4-methylphenyl) | 246 | C14H14S2 | 000103-19-5 | 59 |
| 2 | 1,2-Bis(phenylthio)ethane | 246 | C14H14S2 | 000622-20-8 | 44 |
| 3 | Bis(2-methylphenylthio)-methane | 260 | C15H16S2 | 069984-33-4 | 43 |
| 4 | Tricyclo[2.2.1.0(2,6)]heptane, 3... | 246 | C15H18OS | 1000362-10-2 | 22 |
| 5 | Methanone, bis(2,4-dihydroxyphen... | 246 | C13H10O5 | 000131-55-5 | 20 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 356-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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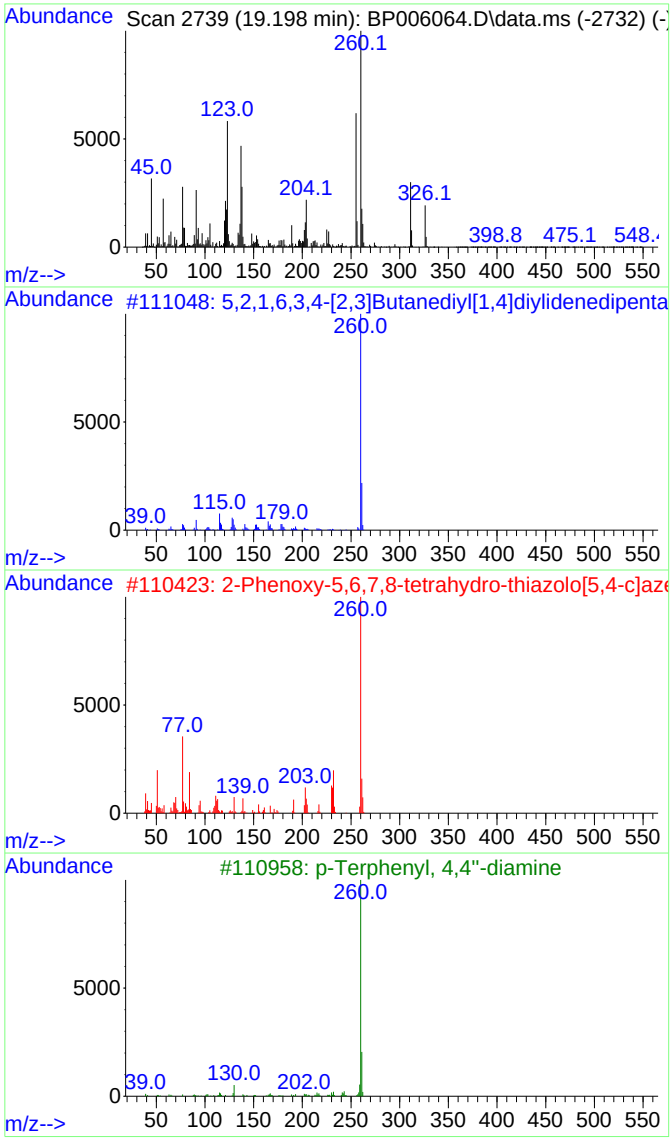
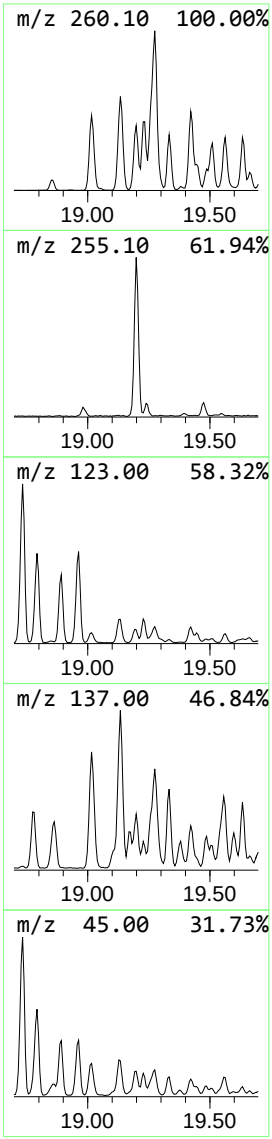
Peak Number 20 unknown19.198 Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.198 | 32.97 ng | 1657650 | Phenanthrene-d10 | 17.292 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5,2,1,6,3,4-[2,3]Butanediyl[1,4]... | 260 | C20H20 | 004493-23-6 | 35 |
| 2 | 2-Phenoxy-5,6,7,8-tetrahydro-thi... | 260 | C13H12N2O2S | 1000317-64-5 | 22 |
| 3 | p-Terphenyl, 4,4''-diamine | 260 | C18H16N2 | 003365-85-3 | 18 |
| 4 | Naphtho[2,1-b]thiophene, 2-phenyl- | 260 | C18H12S | 016587-38-5 | 18 |
| 5 | Xanthen-9-one, 1,3,5,8-tetrahydr... | 260 | C13H8O6 | 002980-32-7 | 18 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062421\
Data File : BP006064.D
Acq On : 24 Jun 2021 21:27
Operator : CG/JU
Sample : M2812-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 356-349

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzenethiol | 7.152 | 40.1 | ng | 895985 | 1 | 7.910 | 446870 | 20.0 |
| Benzenethiol, 3... | 8.893 | 92.3 | ng | 2063210 | 1 | 7.910 | 446870 | 20.0 |
| Benzenethiol, 2... | 8.928 | 87.6 | ng | 1956700 | 1 | 7.910 | 446870 | 20.0 |
| Phenol, 2-(1,1-... | 12.963 | 38.5 | ng | 2218860 | 3 | 14.540 | 1153190 | 20.0 |
| Naphthalene, 1,... | 13.863 | 28.2 | ng | 1623950 | 3 | 14.540 | 1153190 | 20.0 |
| Thiophene, 2-[(... | 15.469 | 35.3 | ng | 2035740 | 3 | 14.540 | 1153190 | 20.0 |
| Phenol, 4,6-di(... | 15.792 | 70.3 | ng | 4054900 | 3 | 14.540 | 1153190 | 20.0 |
| Phenanthrene, 2... | 18.198 | 77.1 | ng | 3877780 | 4 | 17.292 | 1005540 | 20.0 |
| unknown18.251 | 18.251 | 82.2 | ng | 4133520 | 4 | 17.292 | 1005540 | 20.0 |
| 4H-Cyclopenta[d... | 18.345 | 42.8 | ng | 2149870 | 4 | 17.292 | 1005540 | 20.0 |
| 4,6-Dimethyl-2(... | 18.422 | 27.3 | ng | 1370630 | 4 | 17.292 | 1005540 | 20.0 |
| 1,2-Bis(phenylt... | 18.610 | 42.0 | ng | 2108970 | 4 | 17.292 | 1005540 | 20.0 |
| unknown18.639 | 18.639 | 27.7 | ng | 1391660 | 4 | 17.292 | 1005540 | 20.0 |
| Disulfide, bis(... | 18.733 | 101.5 | ng | 5100820 | 4 | 17.292 | 1005540 | 20.0 |
| 3-Methyl-5-meth... | 18.792 | 97.2 | ng | 4888050 | 4 | 17.292 | 1005540 | 20.0 |
| unknown18.892 | 18.892 | 34.7 | ng | 1742620 | 4 | 17.292 | 1005540 | 20.0 |
| 4,4'-Bis(methyl... | 18.963 | 58.9 | ng | 2960780 | 4 | 17.292 | 1005540 | 20.0 |
| unknown19.016 | 19.016 | 48.3 | ng | 2427460 | 4 | 17.292 | 1005540 | 20.0 |
| unknown19.133 | 19.133 | 47.4 | ng | 2382950 | 4 | 17.292 | 1005540 | 20.0 |
| unknown19.198 | 19.198 | 33.0 | ng | 1657650 | 4 | 17.292 | 1005540 | 20.0 |