LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DCBL0

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_P\Methods\SFAM-EPA-BP041823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014743.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.217 | 3 | 5 | 16 | rVB | 732939 | 767240 | 1.35% | 0.135% |
| 2 | 5.758 | 430 | 437 | 450 | rBV | 577451 | 1089917 | 1.92% | 0.192% |
| 3 | 7.228 | 679 | 687 | 692 | rBV | 463678 | 688778 | 1.22% | 0.121% |
| 4 | 7.364 | 704 | 710 | 719 | rVB | 546842 | 812186 | 1.43% | 0.143% |
| 5 | 7.469 | 719 | 728 | 734 | rBV | 764768 | 1183104 | 2.09% | 0.209% |
| 6 | 7.675 | 756 | 763 | 770 | rVB | 676939 | 1051118 | 1.86% | 0.185% |
| 7 | 7.793 | 777 | 783 | 790 | rVB | 1325103 | 2066014 | 3.65% | 0.364% |
| 8 | 7.869 | 790 | 796 | 803 | rVB | 489111 | 782391 | 1.38% | 0.138% |
| 9 | 8.152 | 837 | 844 | 850 | rBV | 850393 | 1365093 | 2.41% | 0.241% |
| 10 | 8.269 | 857 | 864 | 871 | rBV | 558014 | 869075 | 1.53% | 0.153% |
| 11 | 8.534 | 901 | 909 | 917 | rBV | 5734169 | 9294758 | 16.41% | 1.638% |
| 12 | 8.699 | 923 | 937 | 946 | rBV | 8472106 | 14645325 | 25.86% | 2.581% |
| 13 | 8.846 | 957 | 962 | 978 | rVV | 527076 | 960892 | 1.70% | 0.169% |
| 14 | 9.322 | 1038 | 1043 | 1055 | rVV2 | 797888 | 1816286 | 3.21% | 0.320% |
| 15 | 9.522 | 1068 | 1077 | 1086 | rVB | 1310181 | 2099444 | 3.71% | 0.370% |
| 16 | 9.652 | 1086 | 1099 | 1104 | rBV | 2996570 | 6396195 | 11.29% | 1.127% |
| 17 | 9.710 | 1104 | 1109 | 1116 | rVV | 872837 | 1392092 | 2.46% | 0.245% |
| 18 | 10.057 | 1157 | 1168 | 1173 | rBV | 546548 | 994999 | 1.76% | 0.175% |
| 19 | 10.222 | 1190 | 1196 | 1202 | rBV | 602825 | 969827 | 1.71% | 0.171% |
| 20 | 10.375 | 1214 | 1222 | 1233 | rBV3 | 1158585 | 2529499 | 4.47% | 0.446% |
| 21 | 10.475 | 1233 | 1239 | 1244 | rBV | 340981 | 744197 | 1.31% | 0.131% |
| 22 | 10.599 | 1253 | 1260 | 1270 | rVB2 | 789600 | 1823220 | 3.22% | 0.321% |
| 23 | 11.069 | 1322 | 1340 | 1341 | rBV2 | 19145082 | 56638926 | 100.00% | 9.983% |
| 24 | 11.181 | 1352 | 1359 | 1366 | rVB | 9498212 | 16069880 | 28.37% | 2.832% |
| 25 | 12.146 | 1518 | 1523 | 1530 | rVB | 341604 | 601772 | 1.06% | 0.106% |
| 26 | 12.522 | 1581 | 1587 | 1592 | rVV | 1732373 | 2773798 | 4.90% | 0.489% |
| 27 | 12.634 | 1599 | 1606 | 1612 | rVV | 13179994 | 23907212 | 42.21% | 4.214% |
| 28 | 12.746 | 1618 | 1625 | 1632 | rVV | 4661559 | 8117056 | 14.33% | 1.431% |
| 29 | 12.857 | 1632 | 1644 | 1651 | rVV | 16687552 | 36894720 | 65.14% | 6.503% |
| 30 | 13.257 | 1705 | 1712 | 1719 | rVB2 | 711488 | 1163409 | 2.05% | 0.205% |
| 31 | 13.334 | 1719 | 1725 | 1732 | rBV2 | 426486 | 805375 | 1.42% | 0.142% |
| 32 | 13.628 | 1766 | 1775 | 1781 | rBV | 9764798 | 16110856 | 28.44% | 2.840% |
| 33 | 13.816 | 1802 | 1807 | 1817 | rVB2 | 2356557 | 4553406 | 8.04% | 0.803% |
| 34 | 13.951 | 1817 | 1830 | 1831 | rBV2 | 2509529 | 4390895 | 7.75% | 0.774% |
| 35 | 14.104 | 1849 | 1856 | 1861 | rBV | 4198515 | 7444781 | 13.14% | 1.312% |
| 36 | 14.163 | 1861 | 1866 | 1868 | rVV | 3058531 | 4649707 | 8.21% | 0.820% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** DCBL0

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_P\Methods\SFAM-EPA-BP041823.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.187 | 1868 | 1870 | 1875 | rVV | 2382170 | 2688426 | 4.75% | 0.474% |
| 38 | 14.340 | 1891 | 1896 | 1900 | rVV | 1563482 | 2419723 | 4.27% | 0.426% |
| 39 | 14.375 | 1900 | 1902 | 1907 | rVB | 700807 | 763317 | 1.35% | 0.135% |
| 40 | 14.487 | 1913 | 1921 | 1928 | rBV3 | 3523434 | 8201709 | 14.48% | 1.446% |
| 41 | 14.757 | 1961 | 1967 | 1969 | rBV | 1721838 | 2464856 | 4.35% | 0.434% |
| 42 | 14.787 | 1969 | 1972 | 1977 | rVB | 1686973 | 2346802 | 4.14% | 0.414% |
| 43 | 14.863 | 1977 | 1985 | 1990 | rBV | 18046183 | 37473336 | 66.16% | 6.605% |
| 44 | 14.922 | 1990 | 1995 | 2001 | rVB | 9368757 | 15055291 | 26.58% | 2.654% |
| 45 | 15.051 | 2013 | 2017 | 2021 | rBV2 | 838532 | 1240996 | 2.19% | 0.219% |
| 46 | 15.193 | 2033 | 2041 | 2047 | rVV2 | 16759254 | 34202926 | 60.39% | 6.028% |
| 47 | 15.487 | 2087 | 2091 | 2097 | rVV | 1247760 | 1855579 | 3.28% | 0.327% |
| 48 | 15.563 | 2097 | 2104 | 2108 | rVV2 | 671617 | 1090351 | 1.93% | 0.192% |
| 49 | 15.775 | 2133 | 2140 | 2144 | rVV | 2939345 | 4670042 | 8.25% | 0.823% |
| 50 | 15.834 | 2144 | 2150 | 2155 | rVV | 12824875 | 21800328 | 38.49% | 3.842% |
| 51 | 15.881 | 2155 | 2158 | 2161 | rVV | 619006 | 828885 | 1.46% | 0.146% |
| 52 | 15.951 | 2166 | 2170 | 2173 | rVV2 | 469706 | 816123 | 1.44% | 0.144% |
| 53 | 15.992 | 2173 | 2177 | 2182 | rVV3 | 1070047 | 1884733 | 3.33% | 0.332% |
| 54 | 16.040 | 2182 | 2185 | 2188 | rVV2 | 487155 | 766122 | 1.35% | 0.135% |
| 55 | 16.075 | 2188 | 2191 | 2194 | rVV2 | 524439 | 818536 | 1.45% | 0.144% |
| 56 | 16.122 | 2194 | 2199 | 2208 | rVV5 | 2612905 | 4558153 | 8.05% | 0.803% |
| 57 | 16.228 | 2208 | 2217 | 2220 | rVV | 1723830 | 2798619 | 4.94% | 0.493% |
| 58 | 16.263 | 2220 | 2223 | 2231 | rVV3 | 1974619 | 3989339 | 7.04% | 0.703% |
| 59 | 16.334 | 2231 | 2235 | 2246 | rVB2 | 1253552 | 2083692 | 3.68% | 0.367% |
| 60 | 16.504 | 2251 | 2264 | 2271 | rBV | 6991105 | 11563556 | 20.42% | 2.038% |
| 61 | 16.628 | 2276 | 2285 | 2290 | rVV | 1646754 | 3548727 | 6.27% | 0.625% |
| 62 | 16.675 | 2290 | 2293 | 2294 | rVV | 483134 | 620596 | 1.10% | 0.109% |
| 63 | 16.704 | 2294 | 2298 | 2302 | rVV | 1419607 | 2151931 | 3.80% | 0.379% |
| 64 | 16.757 | 2302 | 2307 | 2311 | rVV | 802794 | 1475884 | 2.61% | 0.260% |
| 65 | 16.804 | 2311 | 2315 | 2325 | rVV3 | 1637377 | 3069209 | 5.42% | 0.541% |
| 66 | 16.898 | 2325 | 2331 | 2338 | rVB | 1164187 | 1761177 | 3.11% | 0.310% |
| 67 | 17.028 | 2348 | 2353 | 2356 | rVV | 1085500 | 1773224 | 3.13% | 0.313% |
| 68 | 17.104 | 2357 | 2366 | 2371 | rVV | 1925170 | 5062772 | 8.94% | 0.892% |
| 69 | 17.187 | 2371 | 2380 | 2389 | rVB2 | 6909729 | 11901178 | 21.01% | 2.098% |
| 70 | 17.351 | 2395 | 2408 | 2417 | rVB | 2070963 | 3360192 | 5.93% | 0.592% |
| 71 | 17.475 | 2425 | 2429 | 2432 | rVV | 1049306 | 1640837 | 2.90% | 0.289% |
| 72 | 17.534 | 2433 | 2439 | 2442 | rVV2 | 2276995 | 4747141 | 8.38% | 0.837% |
| 73 | 17.586 | 2442 | 2448 | 2452 | rVV | 14808404 | 25272155 | 44.62% | 4.454% |
| 74 | 17.639 | 2452 | 2457 | 2461 | rVV2 | 5410008 | 9924526 | 17.52% | 1.749% |
| 75 | 17.675 | 2461 | 2463 | 2467 | rVV | 2210143 | 3800042 | 6.71% | 0.670% |
| 76 | 17.728 | 2470 | 2472 | 2475 | rVV2 | 1103163 | 1647473 | 2.91% | 0.290% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

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_P\Methods\SFAM-EPA-BP041823.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 17.757 | 2475 | 2477 | 2482 | rVV | 1509218 | 2062359 | 3.64% | 0.363% |
| 78 | 17.816 | 2482 | 2487 | 2490 | rVV | 790721 | 1248111 | 2.20% | 0.220% |
| 79 | 17.939 | 2496 | 2508 | 2513 | rVV | 14505839 | 27145640 | 47.93% | 4.784% |
| 80 | 17.986 | 2513 | 2516 | 2523 | rVV2 | 1415917 | 2262541 | 3.99% | 0.399% |
| 81 | 18.063 | 2523 | 2529 | 2534 | rVV8 | 295806 | 793960 | 1.40% | 0.140% |
| 82 | 18.151 | 2538 | 2544 | 2548 | rVV2 | 885159 | 1689735 | 2.98% | 0.298% |
| 83 | 18.222 | 2552 | 2556 | 2560 | rVV2 | 1426716 | 2104979 | 3.72% | 0.371% |
| 84 | 18.363 | 2574 | 2580 | 2582 | rVV3 | 274731 | 652328 | 1.15% | 0.115% |
| 85 | 18.392 | 2582 | 2585 | 2587 | rVV2 | 497732 | 662801 | 1.17% | 0.117% |
| 86 | 18.428 | 2587 | 2591 | 2596 | rVV2 | 2641139 | 3588350 | 6.34% | 0.632% |
| 87 | 18.581 | 2609 | 2617 | 2625 | rVB5 | 384613 | 779999 | 1.38% | 0.137% |
| 88 | 18.669 | 2628 | 2632 | 2635 | rBV | 470867 | 640673 | 1.13% | 0.113% |
| 89 | 18.716 | 2635 | 2640 | 2644 | rVV | 1255362 | 1822214 | 3.22% | 0.321% |
| 90 | 18.804 | 2649 | 2655 | 2662 | rVV | 1298739 | 1827705 | 3.23% | 0.322% |
| 91 | 18.898 | 2667 | 2671 | 2676 | rVB2 | 699930 | 943106 | 1.67% | 0.166% |
| 92 | 19.269 | 2726 | 2734 | 2738 | rVB | 693431 | 1182602 | 2.09% | 0.208% |
| 93 | 19.516 | 2771 | 2776 | 2781 | rVB | 524304 | 842526 | 1.49% | 0.148% |
| 94 | 19.845 | 2826 | 2832 | 2843 | rVV | 4550965 | 6588621 | 11.63% | 1.161% |
| 95 | 20.233 | 2894 | 2898 | 2903 | rVV2 | 1053318 | 1528083 | 2.70% | 0.269% |
| 96 | 20.310 | 2903 | 2911 | 2923 | rVB | 4236358 | 7545822 | 13.32% | 1.330% |
| 97 | 20.927 | 3011 | 3016 | 3025 | rVB2 | 751867 | 1504717 | 2.66% | 0.265% |
| 98 | 21.604 | 3126 | 3131 | 3137 | rVB | 2724297 | 3556033 | 6.28% | 0.627% |
| 99 | 24.010 | 3532 | 3540 | 3548 | rBV2 | 2943075 | 6008301 | 10.61% | 1.059% |
| 100 | 24.180 | 3561 | 3569 | 3582 | rVB2 | 1764301 | 3790128 | 6.69% | 0.668% |

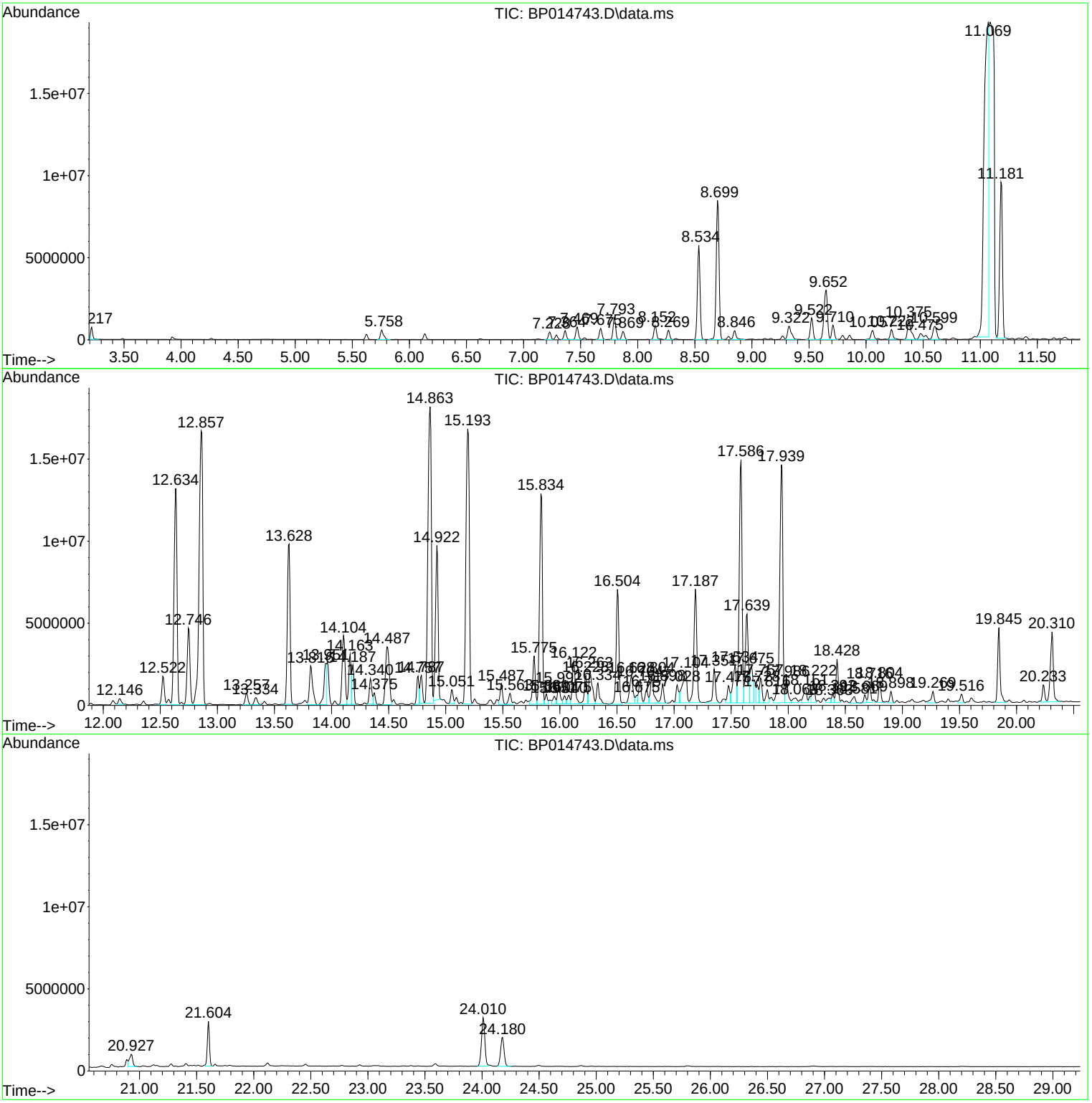
Sum of corrected areas: 567373281

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

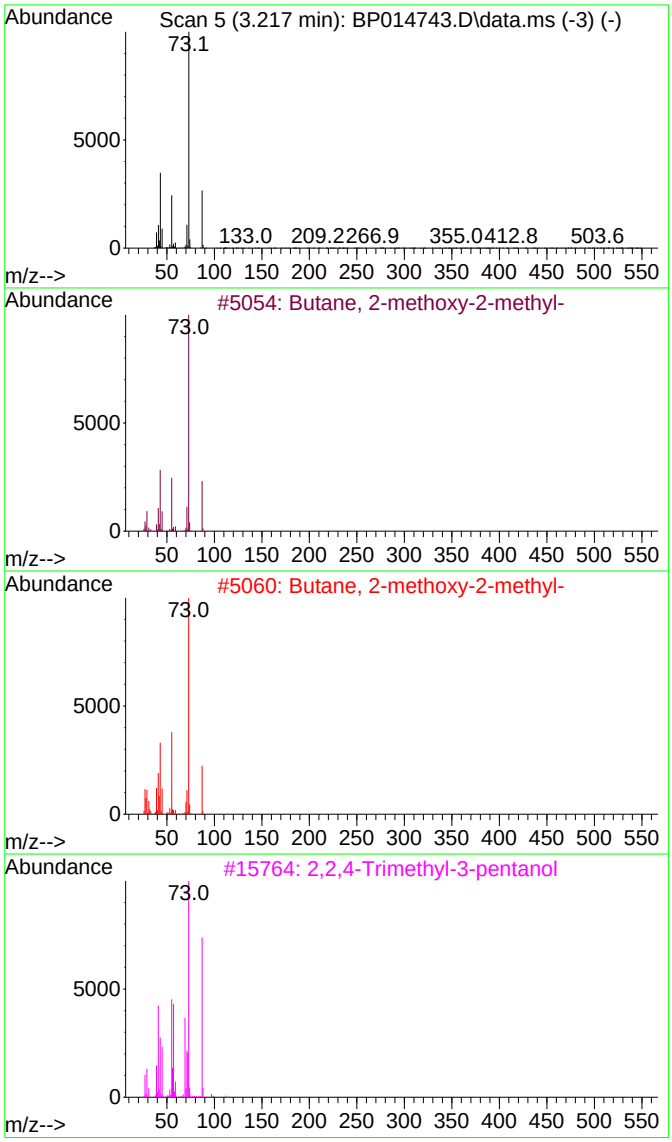
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

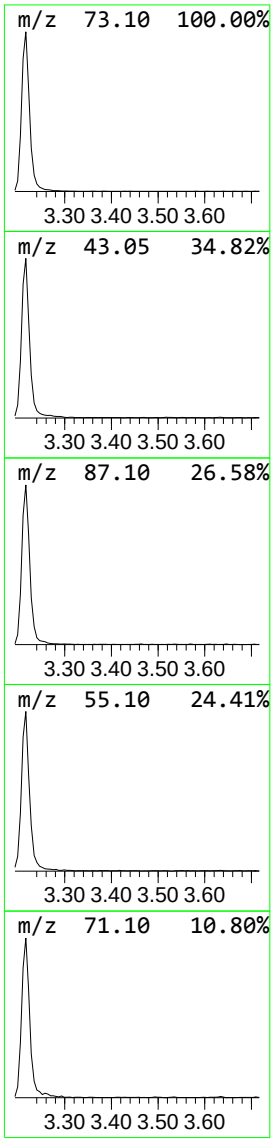
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.217 | 11.24 ng/ul | 767240 | 1,4-Dichlorobenzene-d4 | 8.152 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 72 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 64 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 4 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 17 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

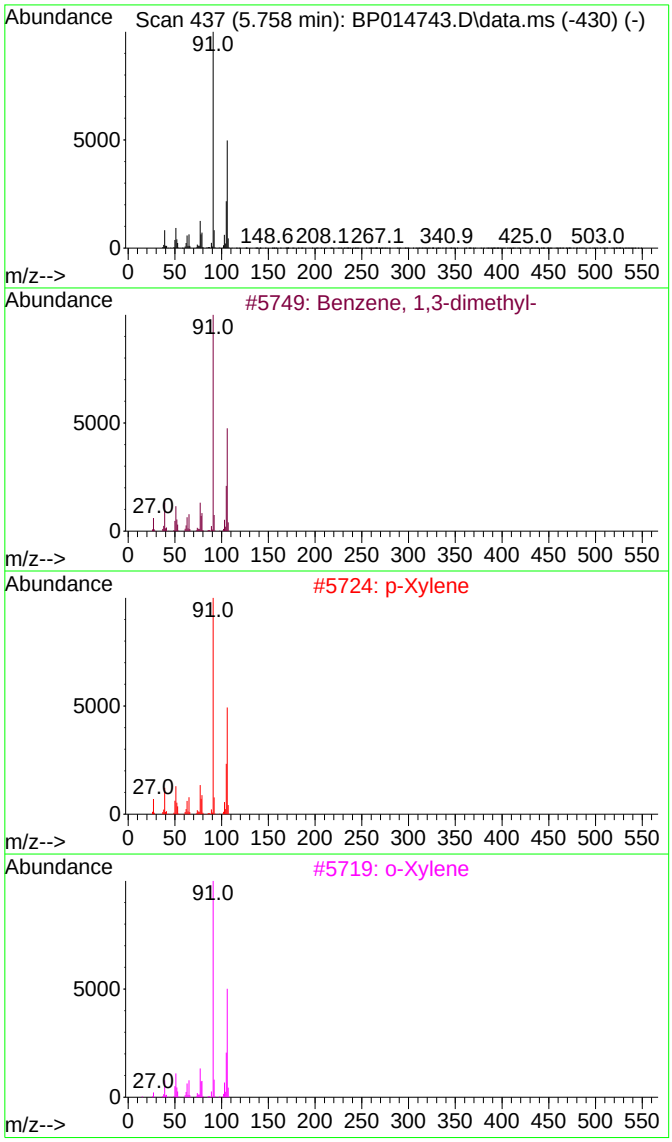
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

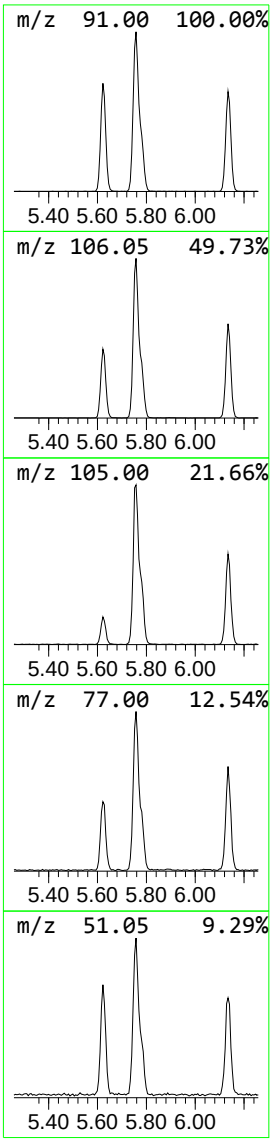
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.758 | 15.97 ng/ul | 1089920 | 1,4-Dichlorobenzene-d4 | 8.152 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 2 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |
| 3 | o-Xylene | 106 | C8H10 | 000095-47-6 | 97 |
| 4 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |
| 5 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

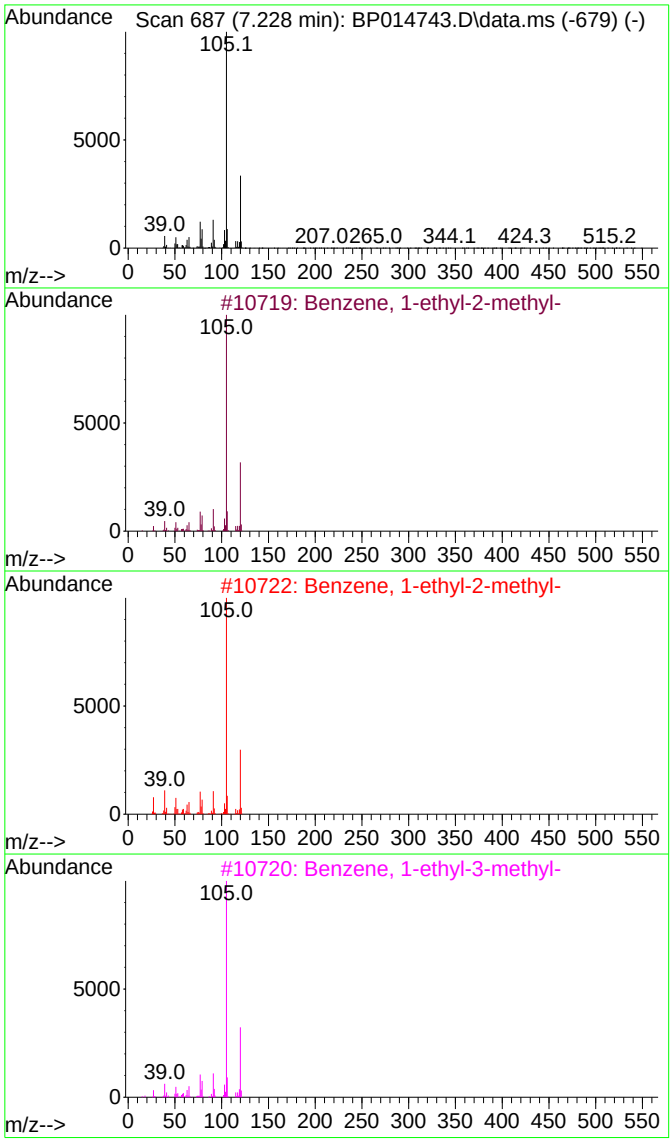
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

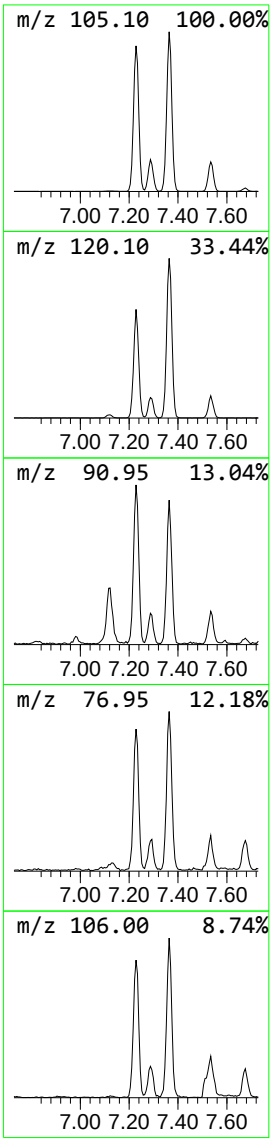
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.228 | 10.09 ng/ul | 688778 | 1,4-Dichlorobenzene-d4 | 8.152 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

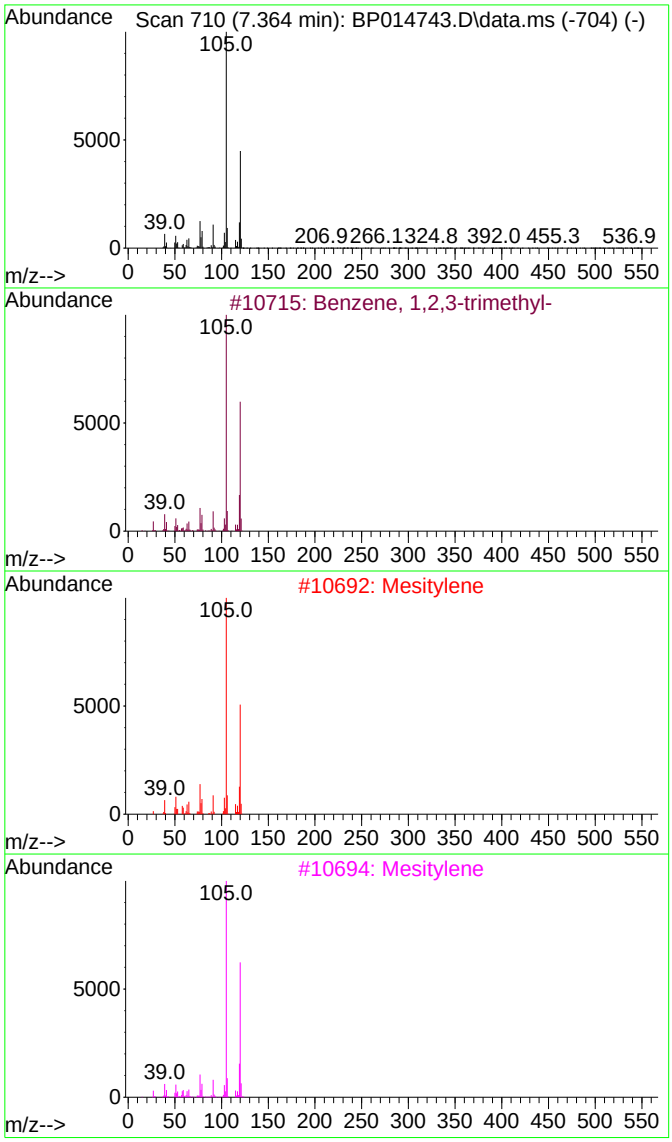
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

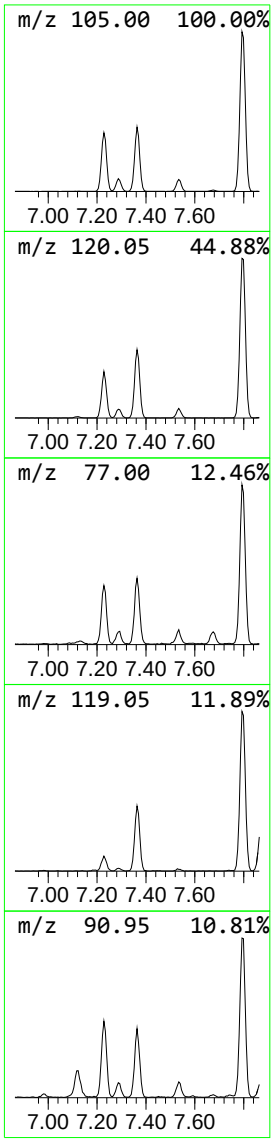
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.364 | 11.90 ng/ul | 812186 | 1,4-Dichlorobenzene-d4 | 8.152 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 97 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

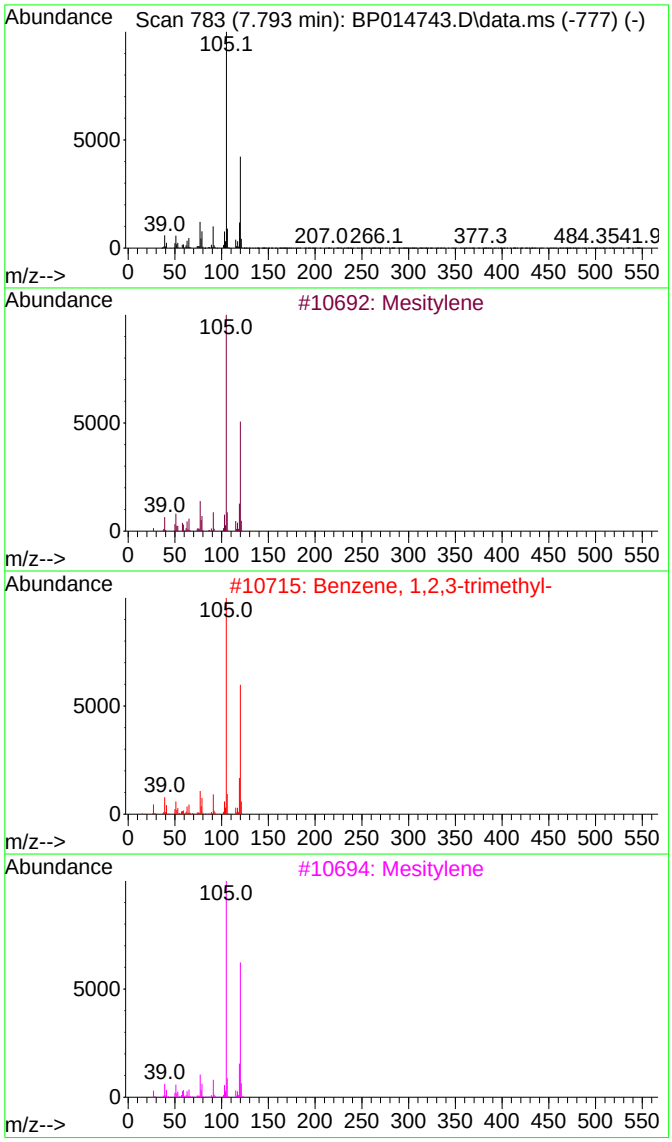
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

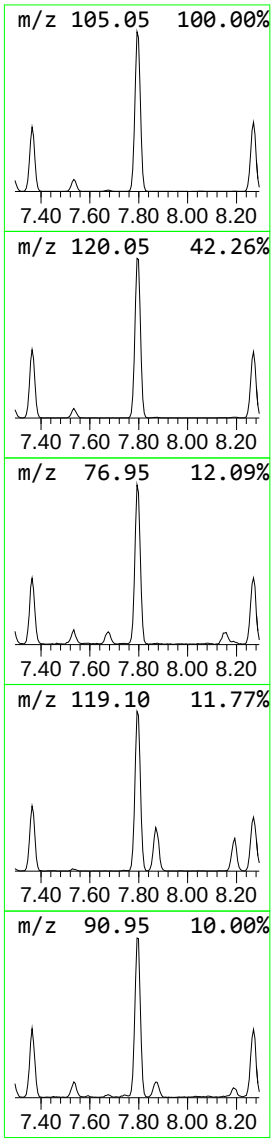
**********

Peak Number 5 Mesitylene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.793 | 30.27 ng/ul | 2066010 | 1,4-Dichlorobenzene-d4 | 8.152 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 97 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

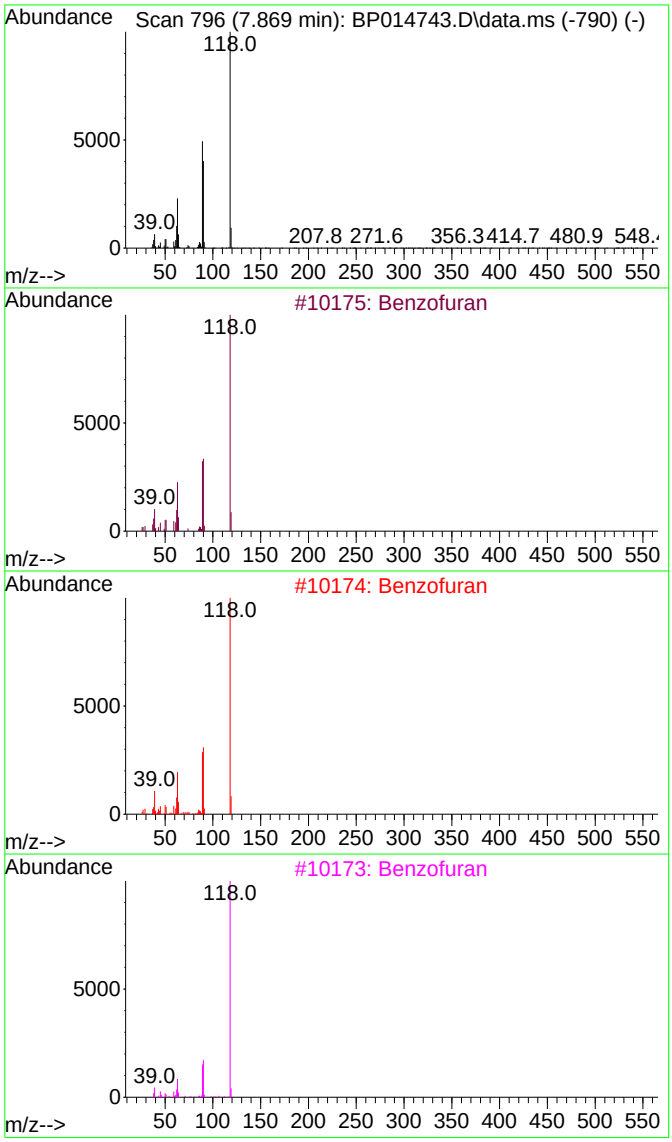
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

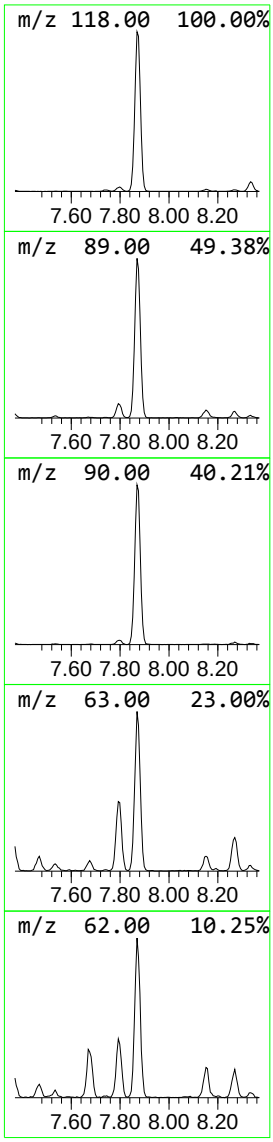
**********

Peak Number 6 Benzofuran Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.869 | 11.46 ng/ul | 782391 | 1,4-Dichlorobenzene-d4 | 8.152 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran | 118 | C8H6O | 000271-89-6 | 93 |
| 2 | Benzofuran | 118 | C8H6O | 000271-89-6 | 91 |
| 3 | Benzofuran | 118 | C8H6O | 000271-89-6 | 90 |
| 4 | Benzofuran | 118 | C8H6O | 000271-89-6 | 87 |
| 5 | 3-Hydroxyphenylacetylene | 118 | C8H6O | 010401-11-3 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

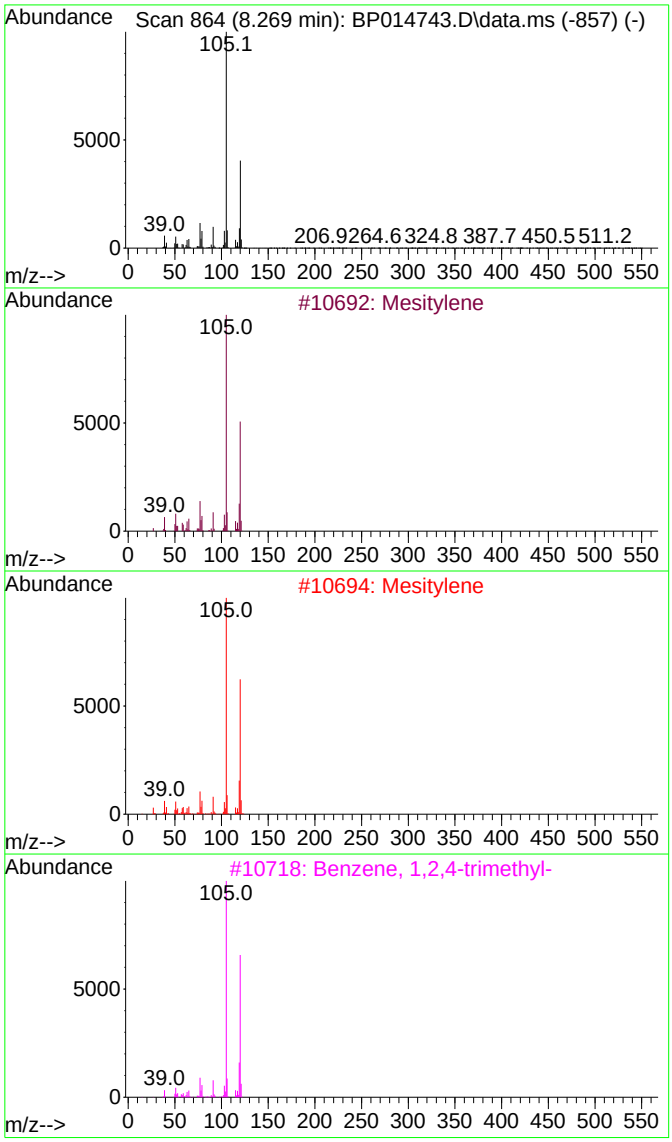
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

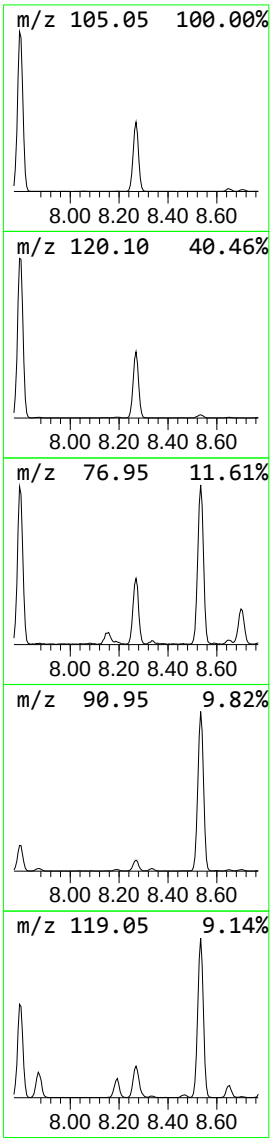
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.269 | 12.73 ng/ul | 869075 | 1,4-Dichlorobenzene-d4 | 8.152 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

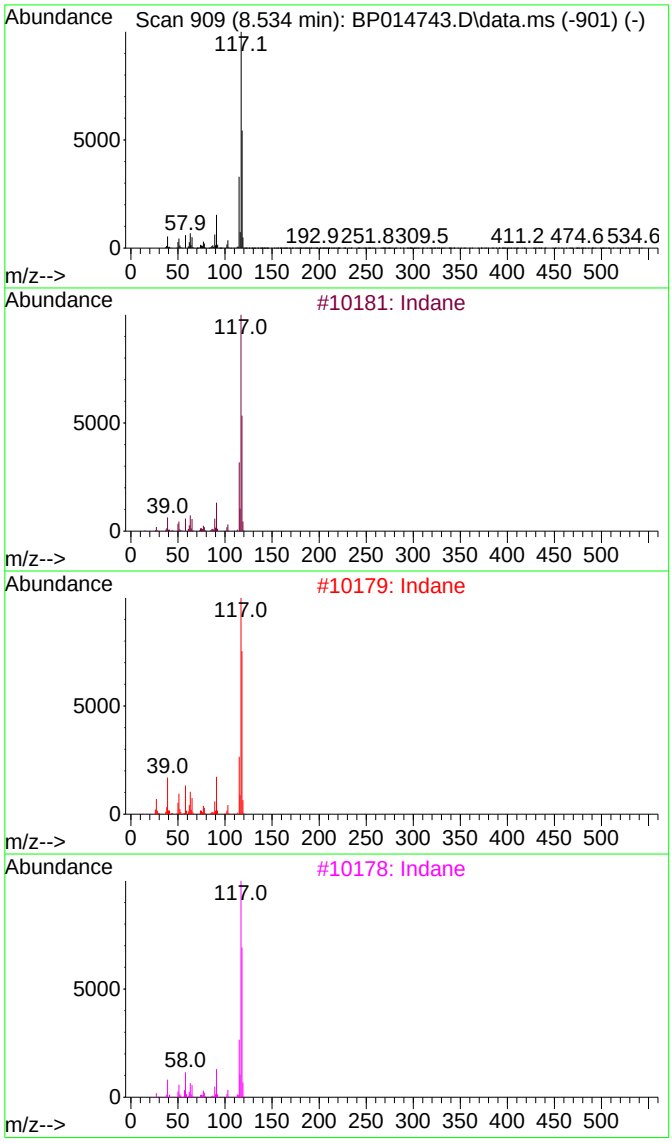
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

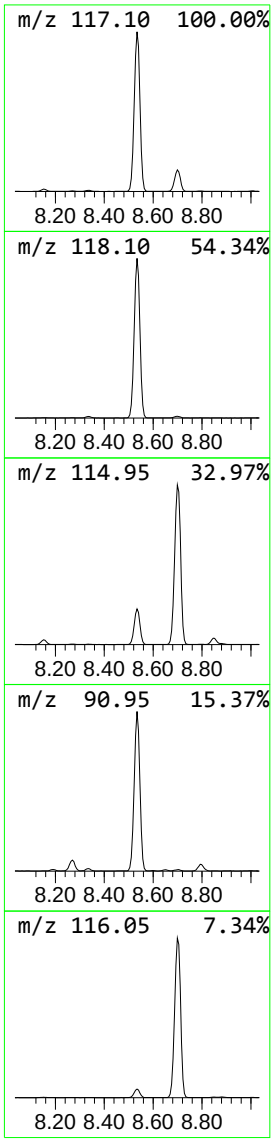
**********

Peak Number 8 Indane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.534 | 136.18 ng/ul | 9294760 | 1,4-Dichlorobenzene-d4 | 8.152 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 93 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 91 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 83 |
| 4 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 72 |
| 5 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

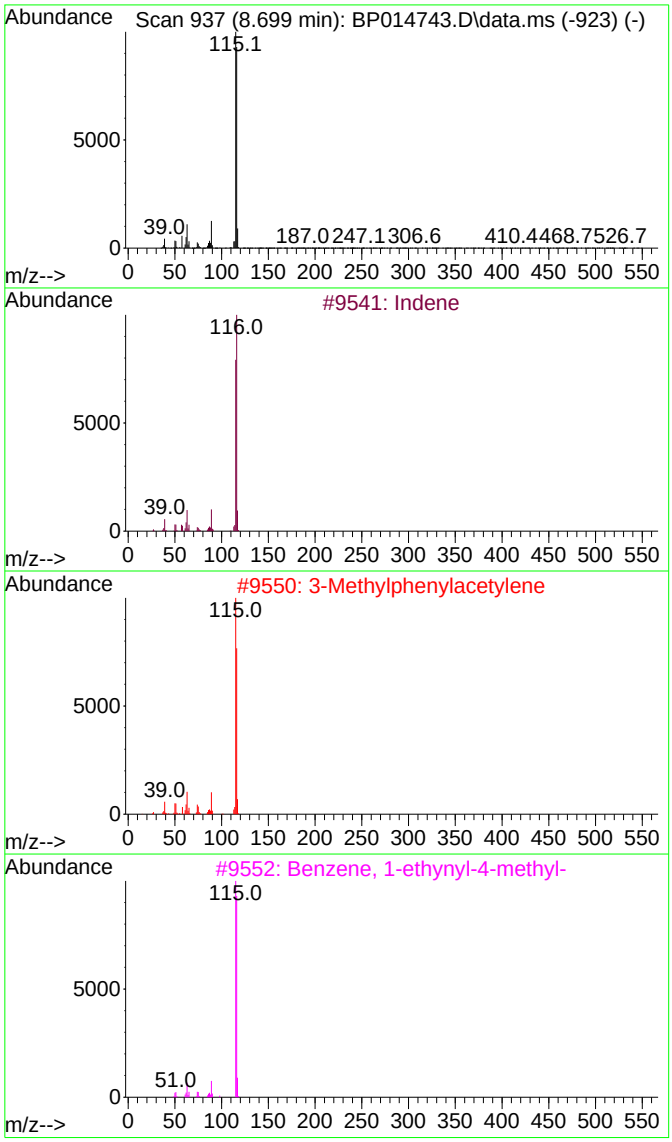
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

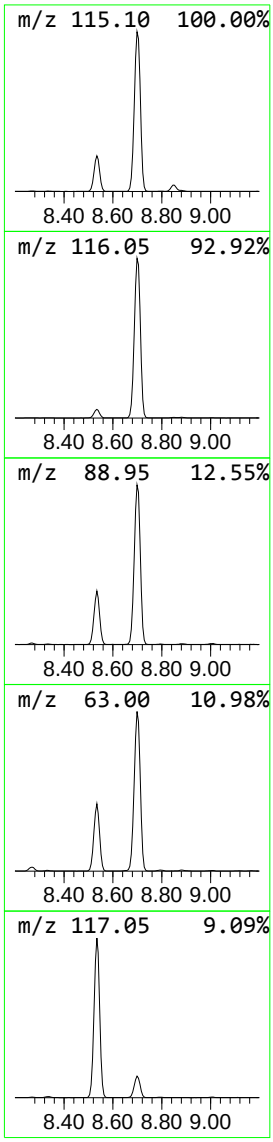
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Indene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.699 | 214.57 ng/ul | 14645300 | 1,4-Dichlorobenzene-d4 | 8.152 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indene | 116 | C9H8 | 000095-13-6 | 97 |
| 2 | 3-Methylphenylacetylene | 116 | C9H8 | 000766-82-5 | 91 |
| 3 | Benzene, 1-ethynyl-4-methyl- | 116 | C9H8 | 000766-97-2 | 91 |
| 4 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 91 |
| 5 | 2-Methylphenylacetylene | 116 | C9H8 | 000766-47-2 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

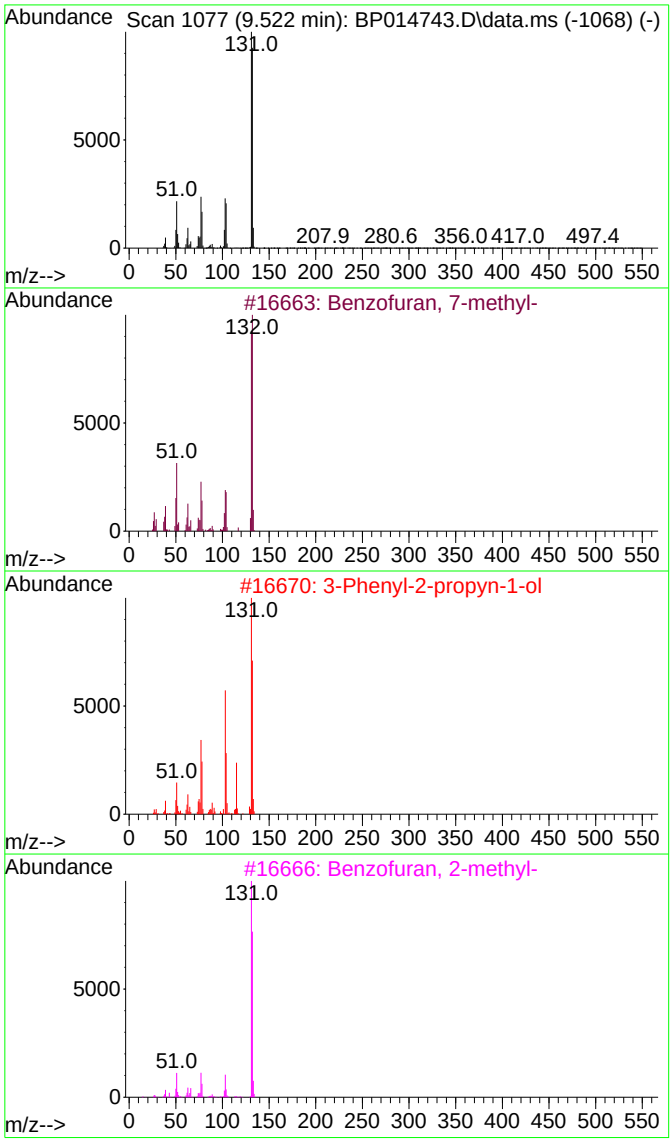
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

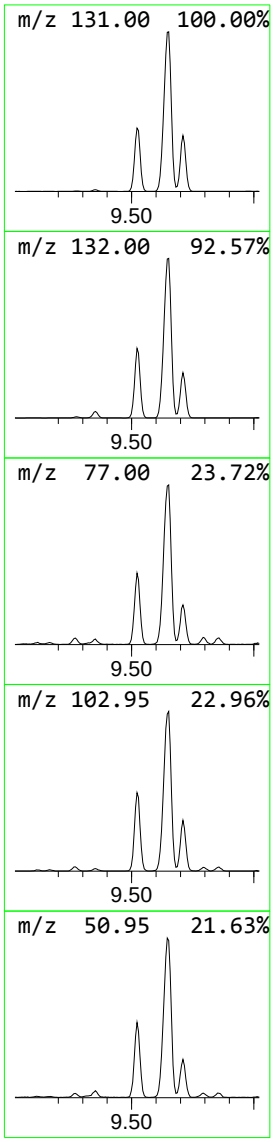
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzofuran, 7-methyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.522 | 30.76 ng/ul | 2099440 | 1,4-Dichlorobenzene-d4 | 8.152 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran, 7-methyl- | 132 | C9H8O | 017059-52-8 | 94 |
| 2 | 3-Phenyl-2-propyn-1-ol | 132 | C9H8O | 001504-58-1 | 91 |
| 3 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 4 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 5 | Cinnamaldehyde, (E)- | 132 | C9H8O | 014371-10-9 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

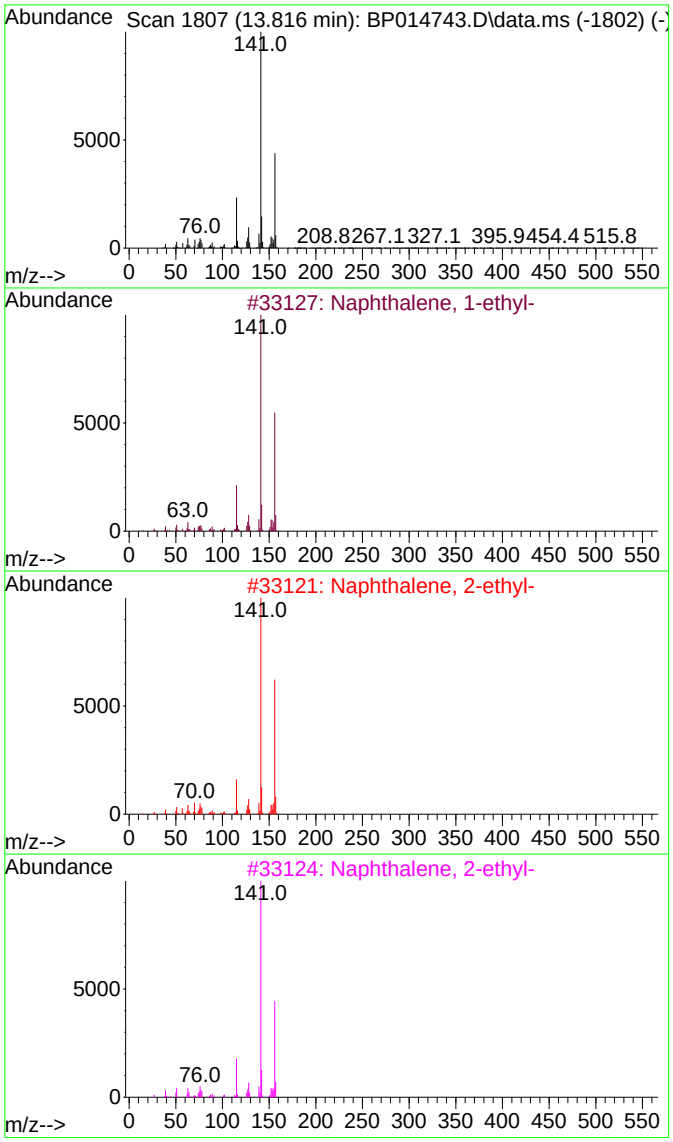
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

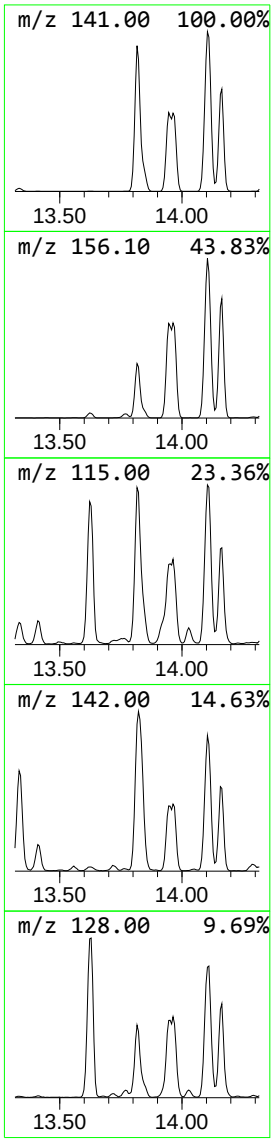
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Naphthalene, 1-ethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.816 | 38.81 ng/ul | 4553410 | Acenaphthene-d10 | 14.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 96 |
| 2 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 95 |
| 3 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 95 |
| 4 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 95 |
| 5 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

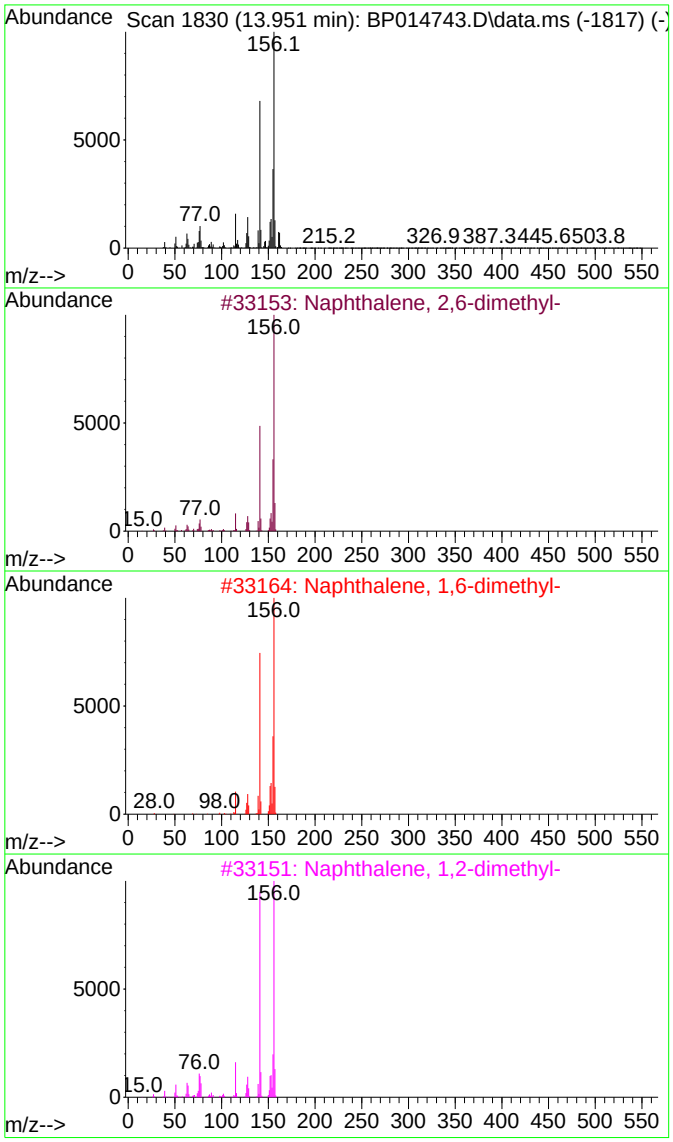
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

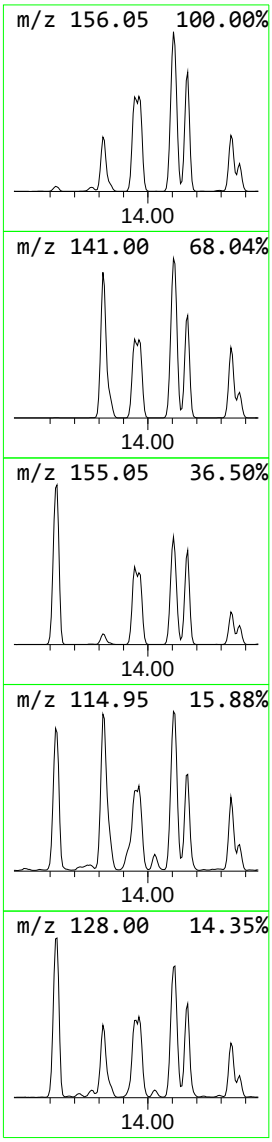
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.951 | 37.42 ng/ul | 4390900 | Acenaphthene-d10 | 14.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 3 | Naphthalene, 1,2-dimethyl- | 156 | C12H12 | 000573-98-8 | 96 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

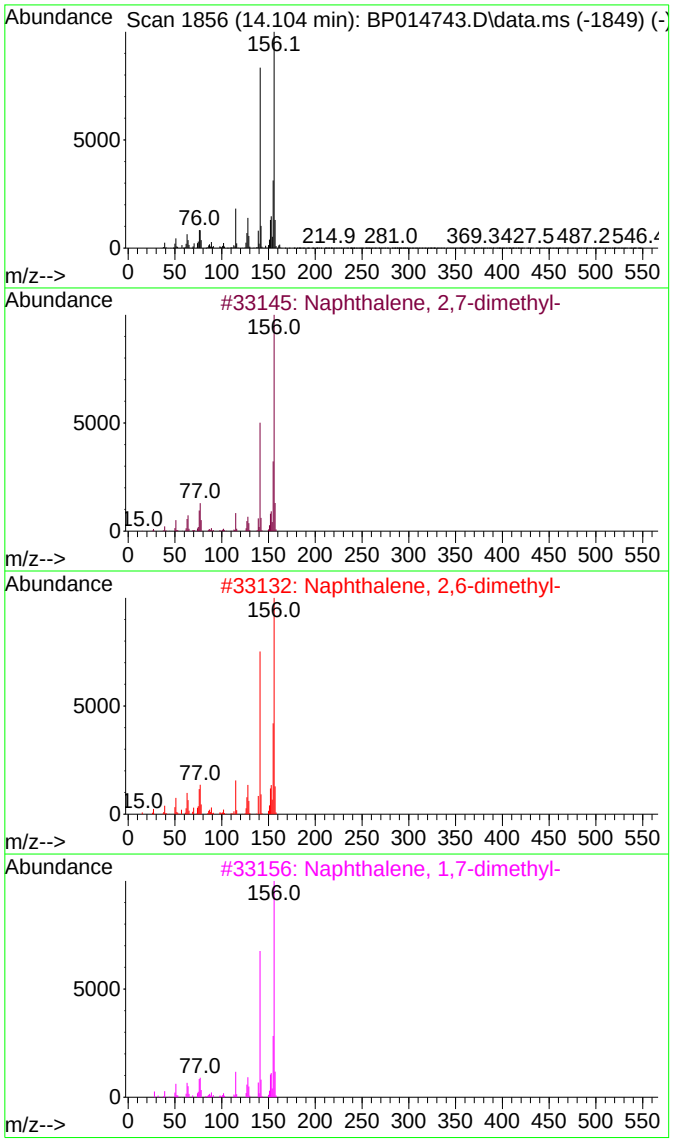
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

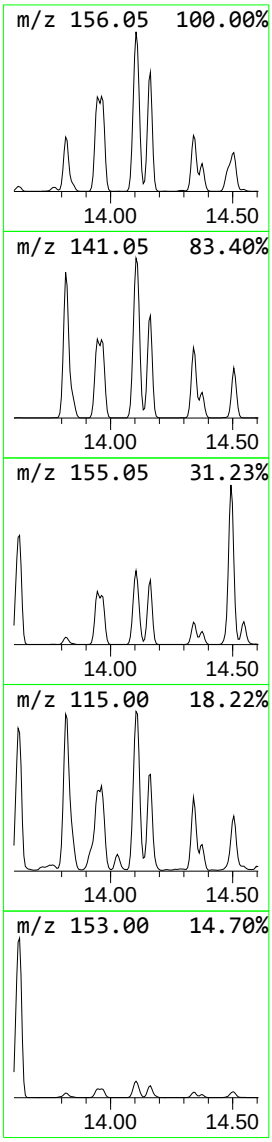
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Naphthalene, 2,7-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.104 | 63.45 ng/ul | 7444780 | Acenaphthene-d10 | 14.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 4 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |
| 5 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

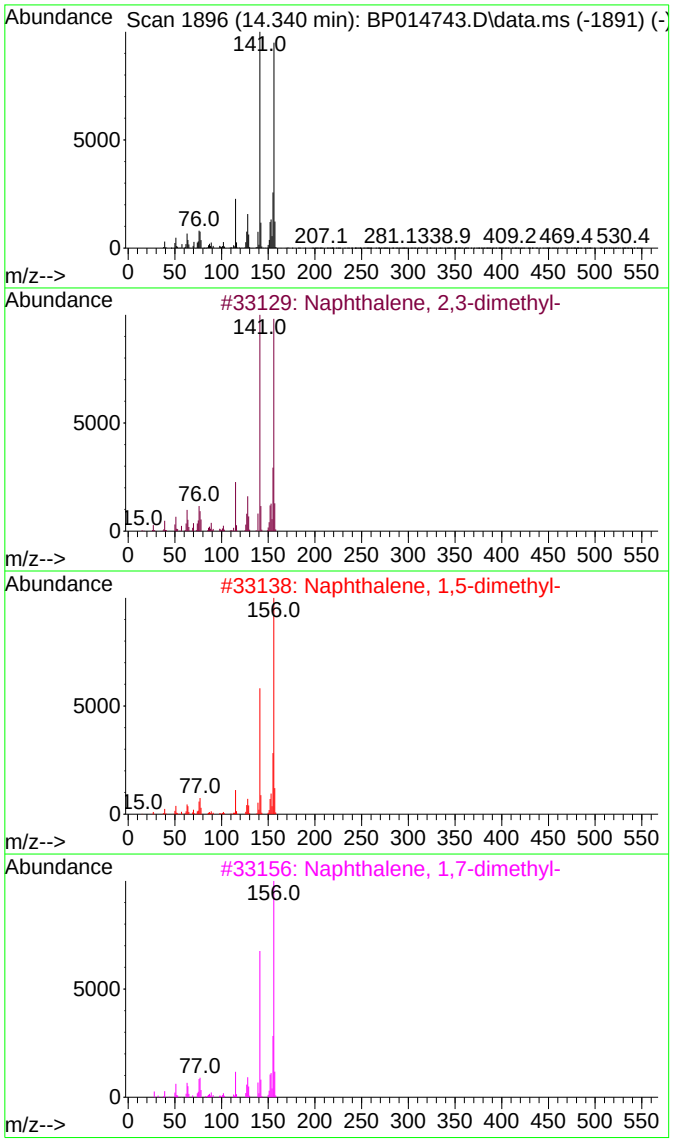
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

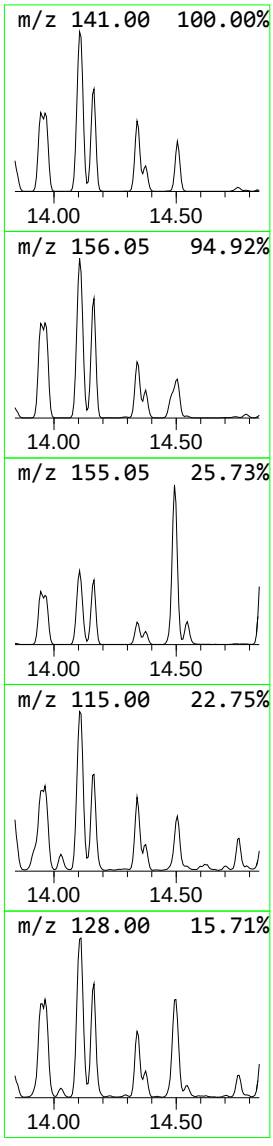
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.340 | 20.62 ng/ul | 2419720 | Acenaphthene-d10 | 14.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 4 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

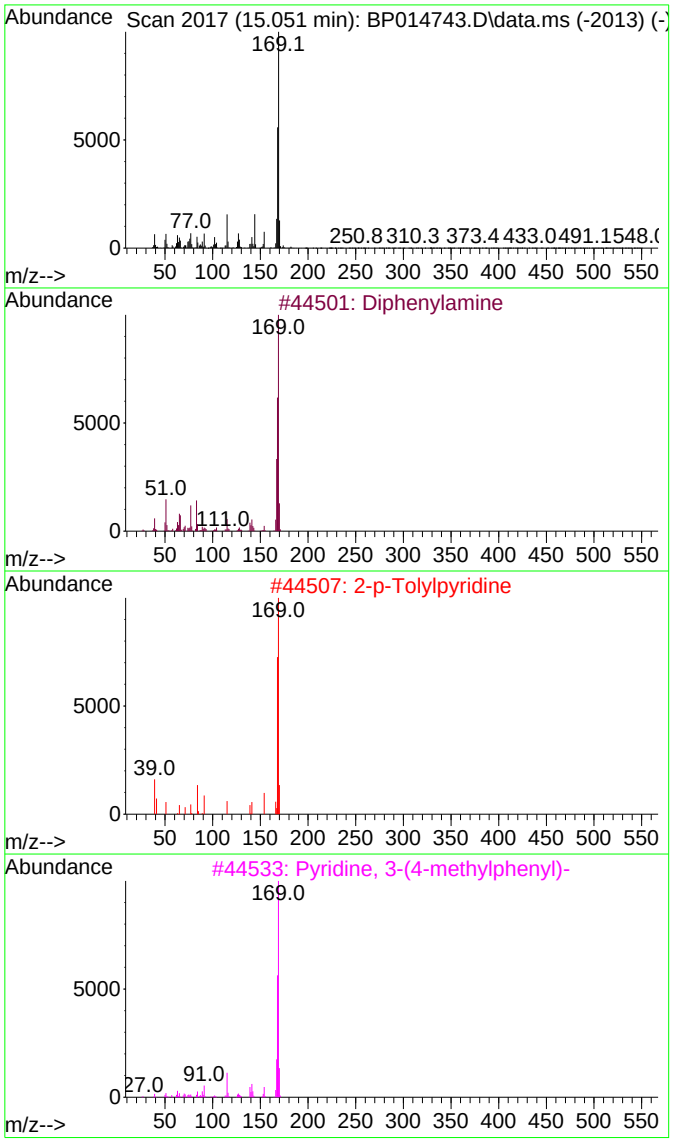
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

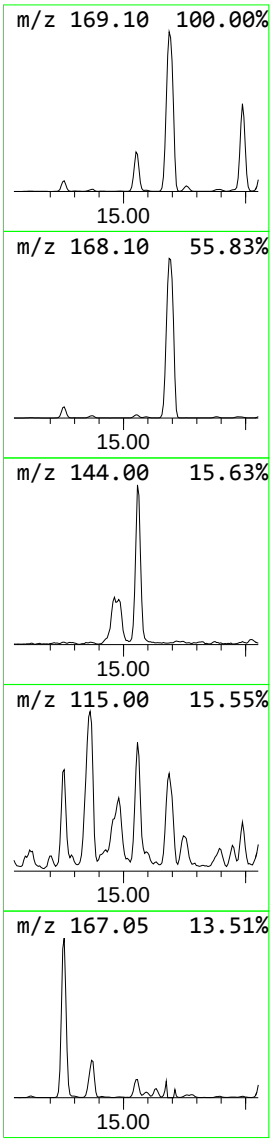
**********

Peak Number 21 Diphenylamine Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.051 | 10.58 ng/ul | 1241000 | Acenaphthene-d10 | 14.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diphenylamine | 169 | C12H11N | 000122-39-4 | 76 |
| 2 | 2-p-Tolylpyridine | 169 | C12H11N | 004467-06-5 | 74 |
| 3 | Pyridine, 3-(4-methylphenyl)- | 169 | C12H11N | 1000380-56-0 | 74 |
| 4 | 2-p-Tolylpyridine | 169 | C12H11N | 004467-06-5 | 72 |
| 5 | Diphenylamine | 169 | C12H11N | 000122-39-4 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

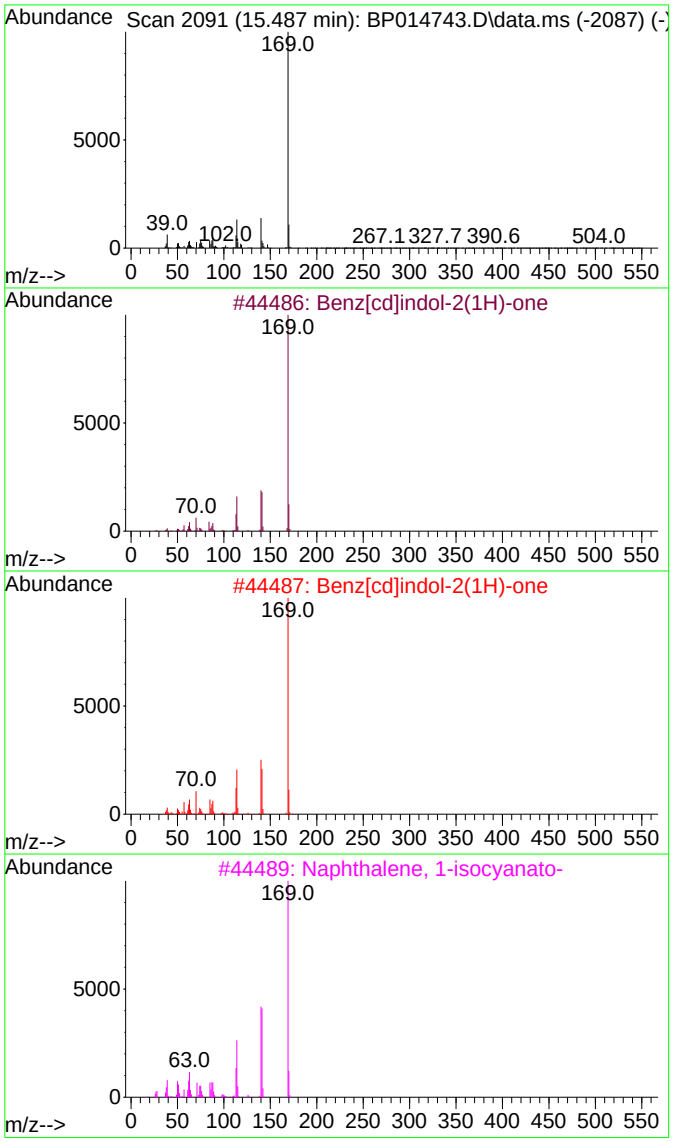
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

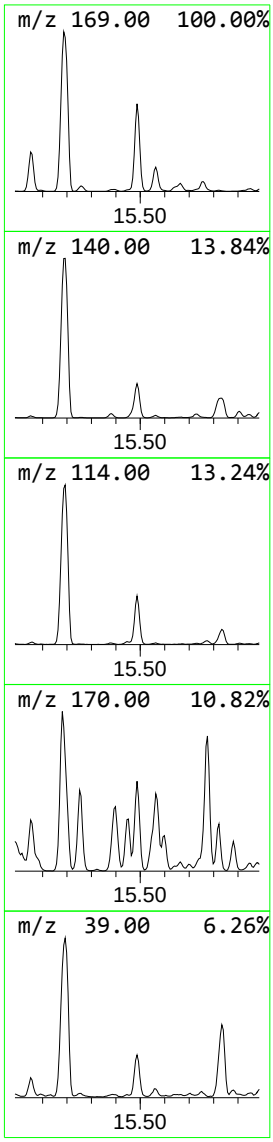
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Benz[cd]indol-2(1H)-one Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.487 | 15.81 ng/ul | 1855580 | Acenaphthene-d10 | 14.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benz[cd]indol-2(1H)-one | 169 | C11H7NO | 000130-00-7 | 91 |
| 2 | Benz[cd]indol-2(1H)-one | 169 | C11H7NO | 000130-00-7 | 72 |
| 3 | Naphthalene, 1-isocyanato- | 169 | C11H7NO | 000086-84-0 | 64 |
| 4 | Quinoline-5-carbonitrile, 6-amino- | 169 | C10H7N3 | 1000317-01-9 | 64 |
| 5 | 2-hydroxy-1-naphthonitrile | 169 | C11H7NO | 1000440-35-5 | 56 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

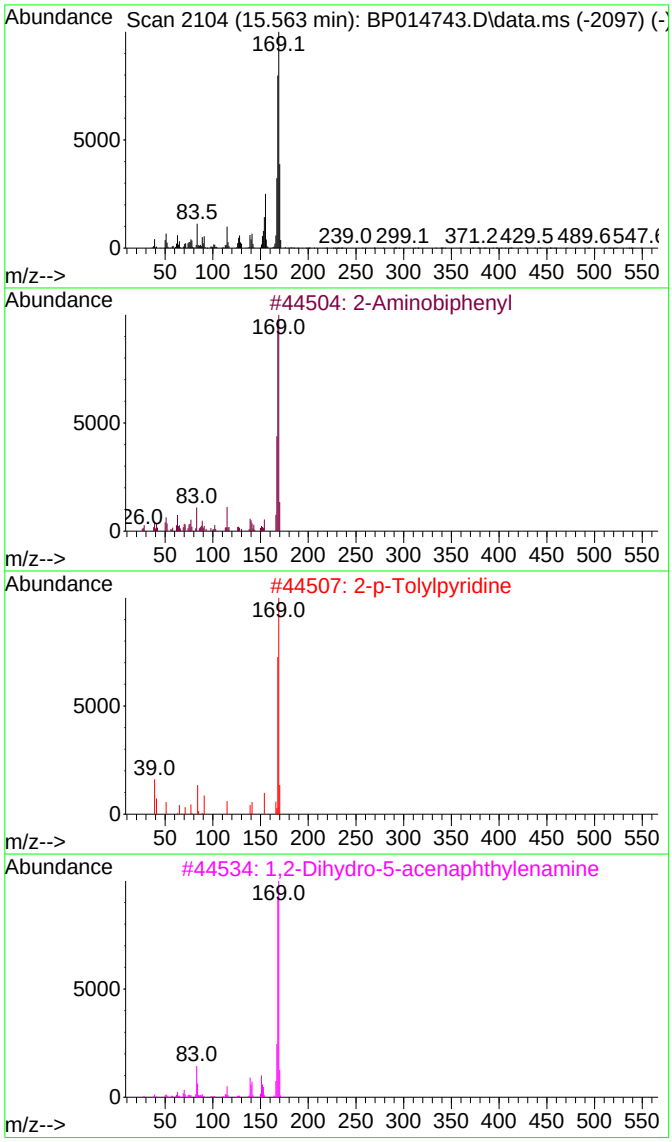
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

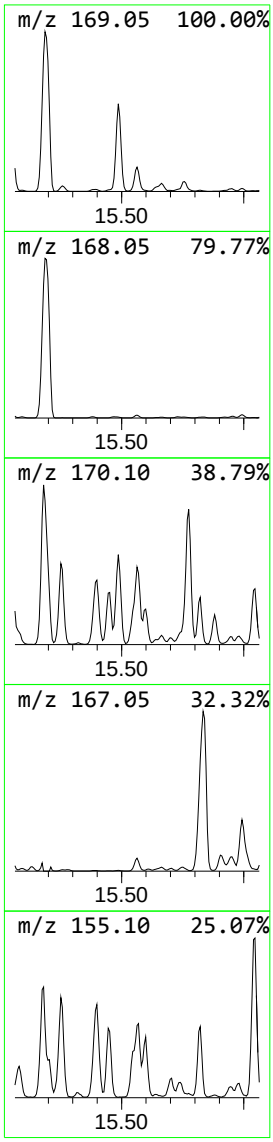
**********

Peak Number 23 2-Aminobiphenyl Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.563 | 9.29 ng/ul | 1090350 | Acenaphthene-d10 | 14.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Aminobiphenyl | 169 | C12H11N | 000090-41-5 | 64 |
| 2 | 2-p-Tolylpyridine | 169 | C12H11N | 004467-06-5 | 62 |
| 3 | 1,2-Dihydro-5-acenaphthylenamine | 169 | C12H11N | 004657-93-6 | 60 |
| 4 | 2-Aminobiphenyl | 169 | C12H11N | 000090-41-5 | 60 |
| 5 | 1,3-Dimethyl-4-phenylpyridinium ... | 311 | C13H14IN | 126369-52-6 | 59 |



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Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

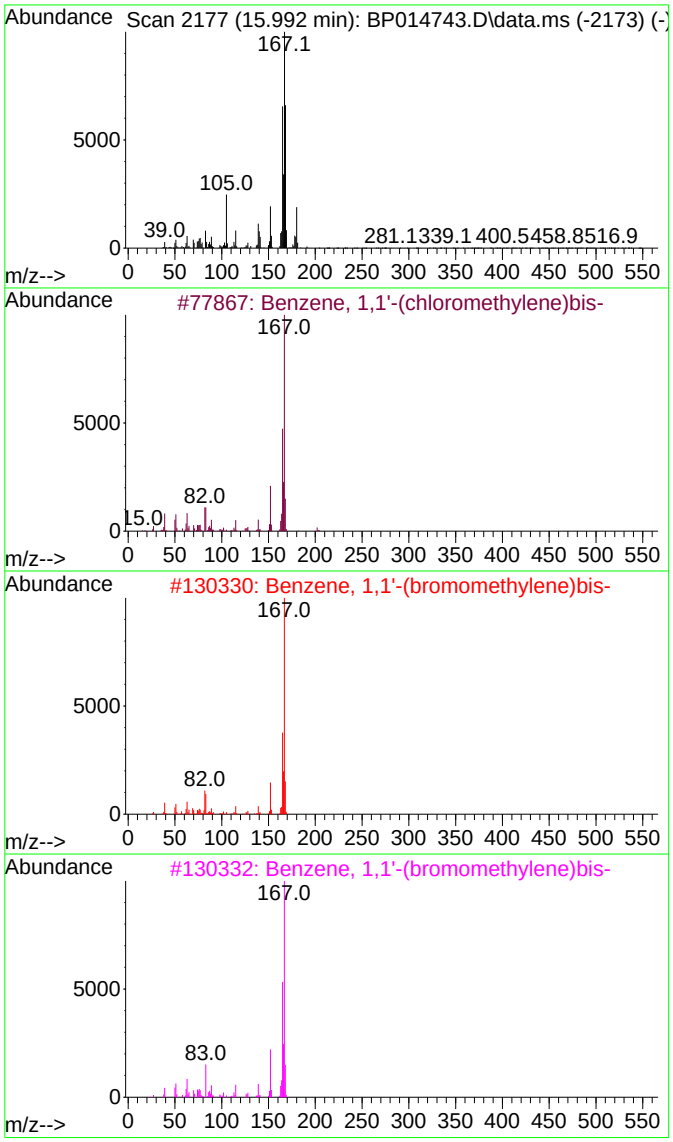
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

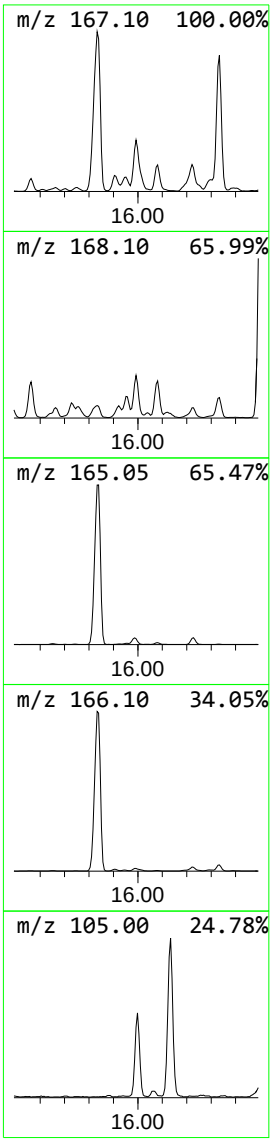
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 Benzene, 1,1'-(chloromethyl... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.993 | 16.06 ng/ul | 1884730 | Acenaphthene-d10 | 14.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,1'-(chloromethylene)bis- | 202 | C13H11Cl | 000090-99-3 | 53 |
| 2 | Benzene, 1,1'-(bromomethylene)bis- | 246 | C13H11Br | 000776-74-9 | 47 |
| 3 | Benzene, 1,1'-(bromomethylene)bis- | 246 | C13H11Br | 000776-74-9 | 47 |
| 4 | Benzene, 1,1'-(chloromethylene)bis- | 202 | C13H11Cl | 000090-99-3 | 47 |
| 5 | Diphenylmethoxy acetic acid | 242 | C15H14O3 | 021409-25-6 | 43 |



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Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

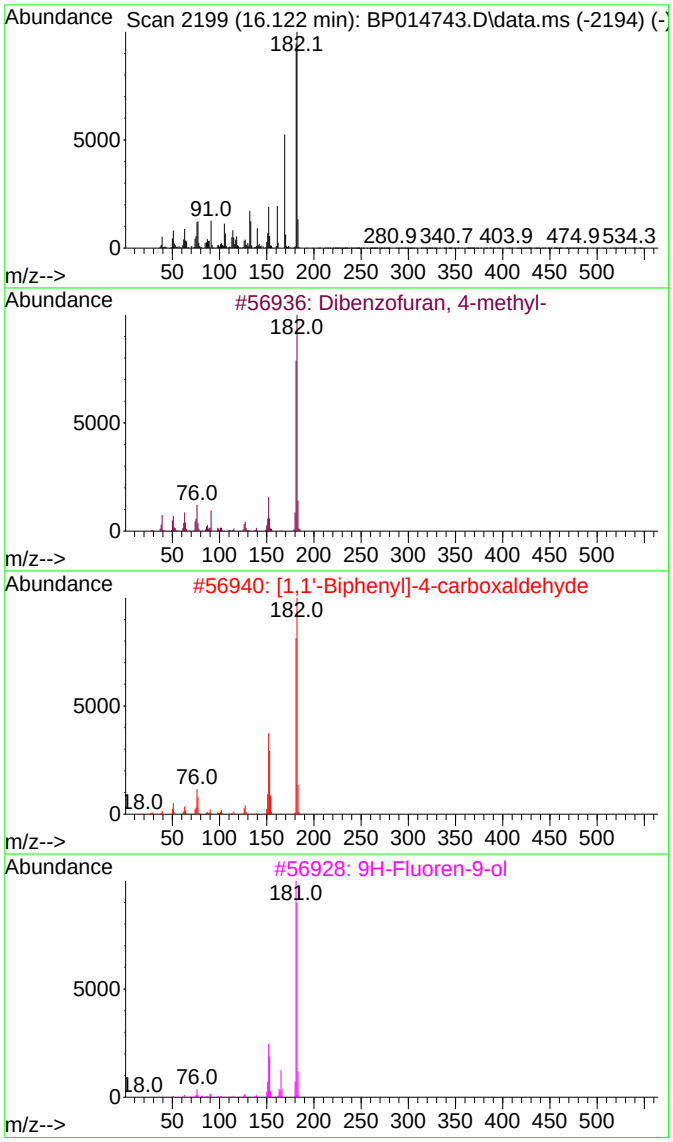
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

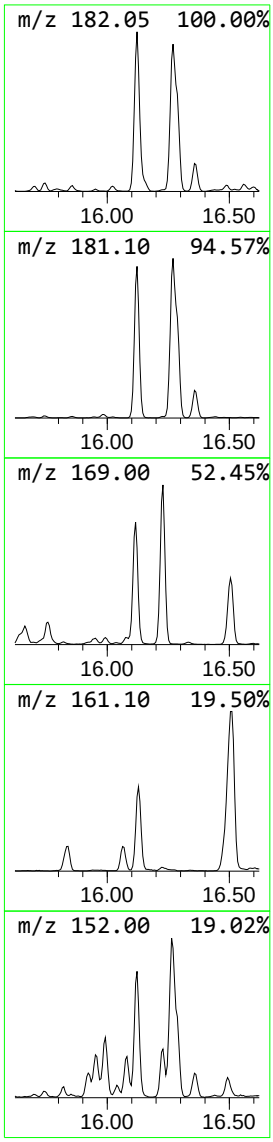
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 Dibenzofuran, 4-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.122 | 38.85 ng/ul | 4558150 | Acenaphthene-d10 | 14.787 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 96 |
| 2 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 53 |
| 3 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 52 |
| 4 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 52 |
| 5 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

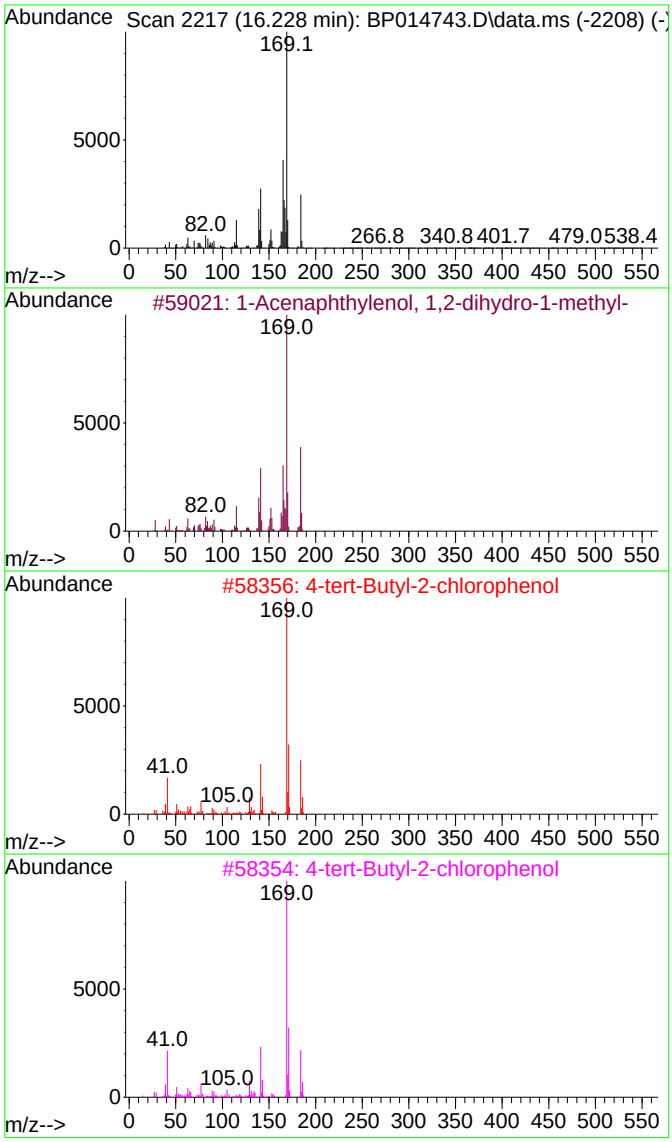
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

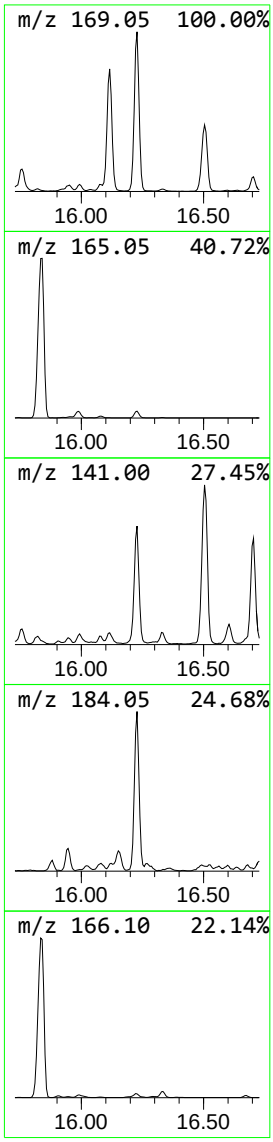
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 1-Acenaphthylenol, 1,2-dihy... Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.228 | 11.79 ng/ul | 2798620 | Phenanthrene-d10 | 17.534 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Acenaphthylenol, 1,2-dihydro-1... | 184 | C13H12O | 041002-74-8 | 60 |
| 2 | 4-tert-Butyl-2-chlorophenol | 184 | C10H13ClO | 000098-28-2 | 49 |
| 3 | 4-tert-Butyl-2-chlorophenol | 184 | C10H13ClO | 000098-28-2 | 49 |
| 4 | Phenol, 3,4,5-trimethoxy- | 184 | C9H12O4 | 000642-71-7 | 47 |
| 5 | 4-tert-Butyl-2-chlorophenol | 184 | C10H13ClO | 000098-28-2 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

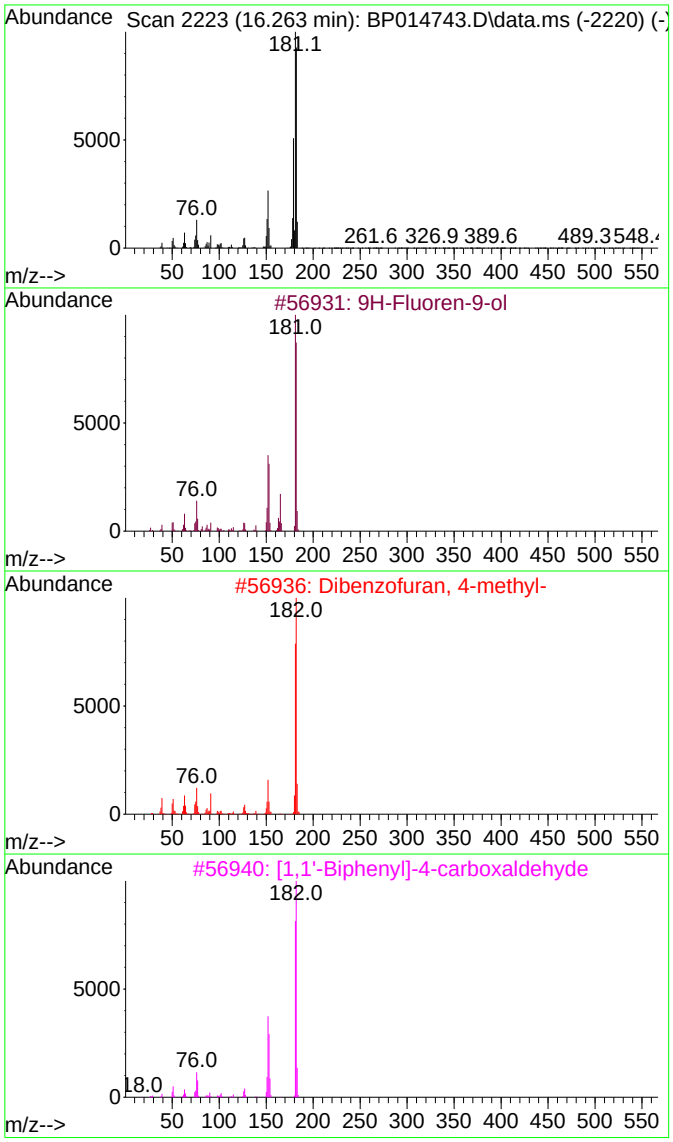
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

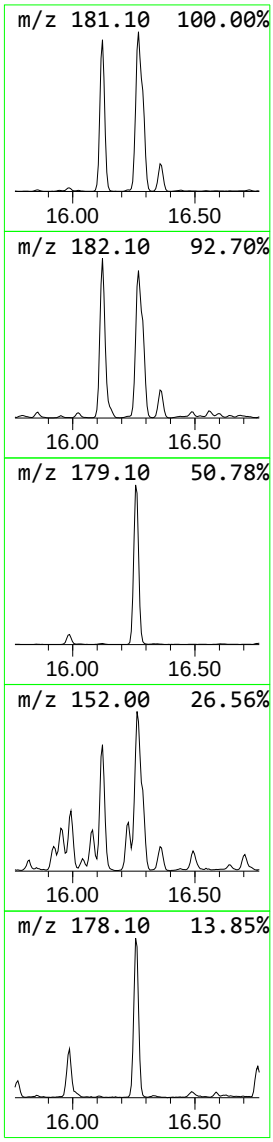
**********

Peak Number 30 9H-Fluoren-9-ol Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.263 | 16.81 ng/ul | 3989340 | Phenanthrene-d10 | 17.534 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 76 |
| 2 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 74 |
| 3 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 70 |
| 4 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 64 |
| 5 | 9H-Xanthene | 182 | C13H10O | 000092-83-1 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

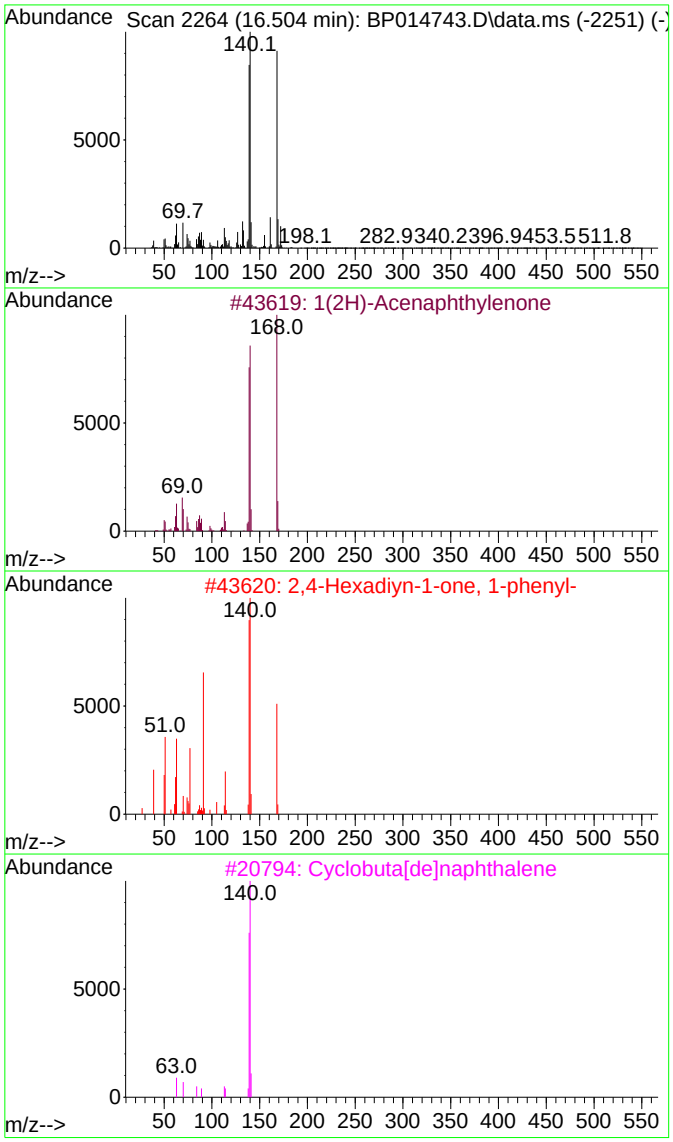
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

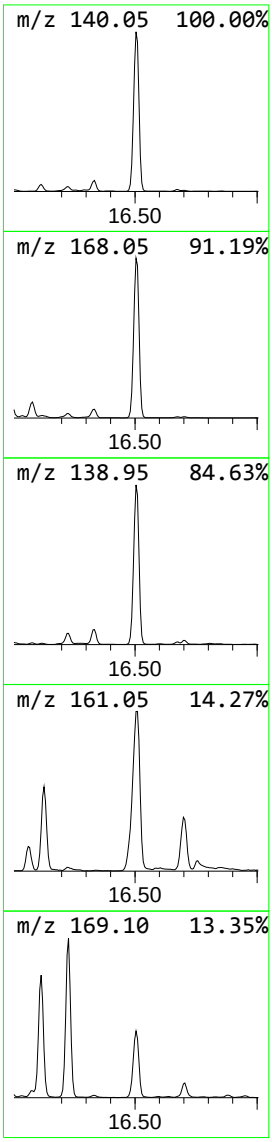
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 1(2H)-Acenaphthylenone Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.504 | 48.72 ng/ul | 11563600 | Phenanthrene-d10 | 17.534 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1(2H)-Acenaphthylenone | 168 | C12H8O | 002235-15-6 | 97 |
| 2 | 2,4-Hexadiyn-1-one, 1-phenyl- | 168 | C12H8O | 000495-74-9 | 87 |
| 3 | Cyclobuta[de]naphthalene | 140 | C11H8 | 024973-91-9 | 60 |
| 4 | 5,6,7,8-Tetrahydro-thiazolo[5,4-... | 168 | C7H8N2OS | 1000317-75-4 | 50 |
| 5 | 7(4H)-Benzothiazolone, 2-amino-5... | 168 | C7H8N2OS | 017583-10-7 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

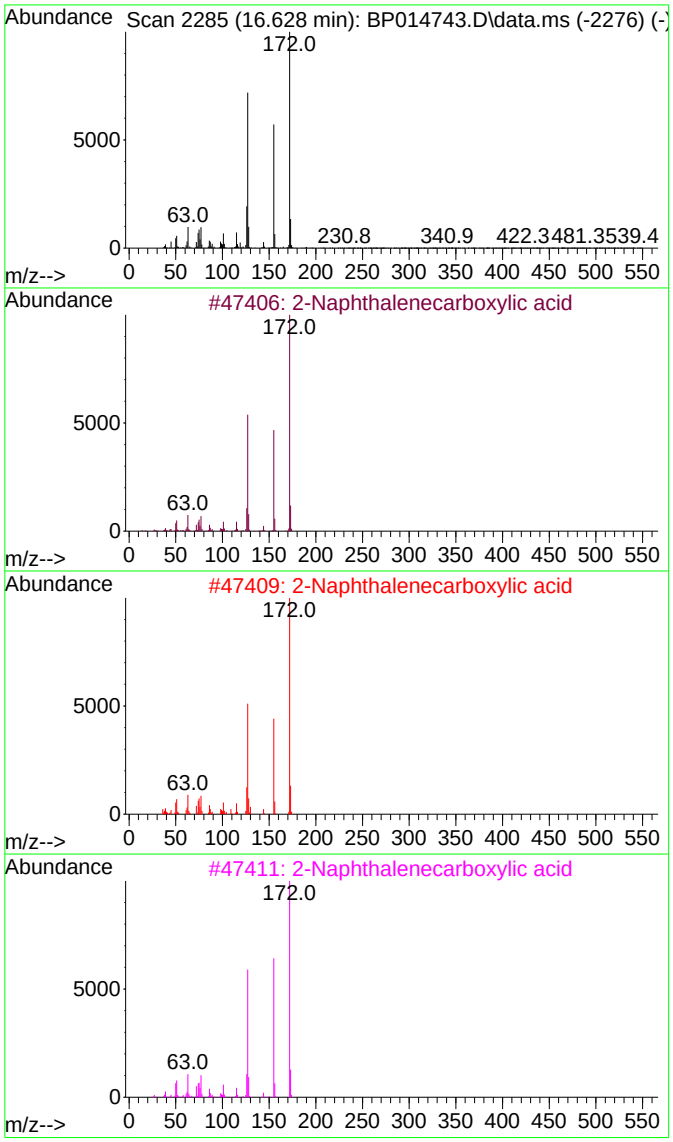
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

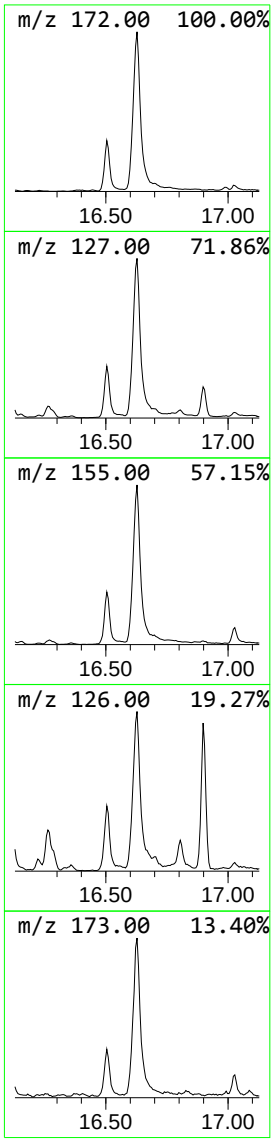
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 2-Naphthalenecarboxylic acid Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.628 | 14.95 ng/ul | 3548730 | Phenanthrene-d10 | 17.534 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Naphthalenecarboxylic acid | 172 | C11H8O2 | 000093-09-4 | 96 |
| 2 | 2-Naphthalenecarboxylic acid | 172 | C11H8O2 | 000093-09-4 | 95 |
| 3 | 2-Naphthalenecarboxylic acid | 172 | C11H8O2 | 000093-09-4 | 95 |
| 4 | 2-Naphthalenecarboxylic acid | 172 | C11H8O2 | 000093-09-4 | 94 |
| 5 | 1-Naphthalenecarboxylic acid | 172 | C11H8O2 | 000086-55-5 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

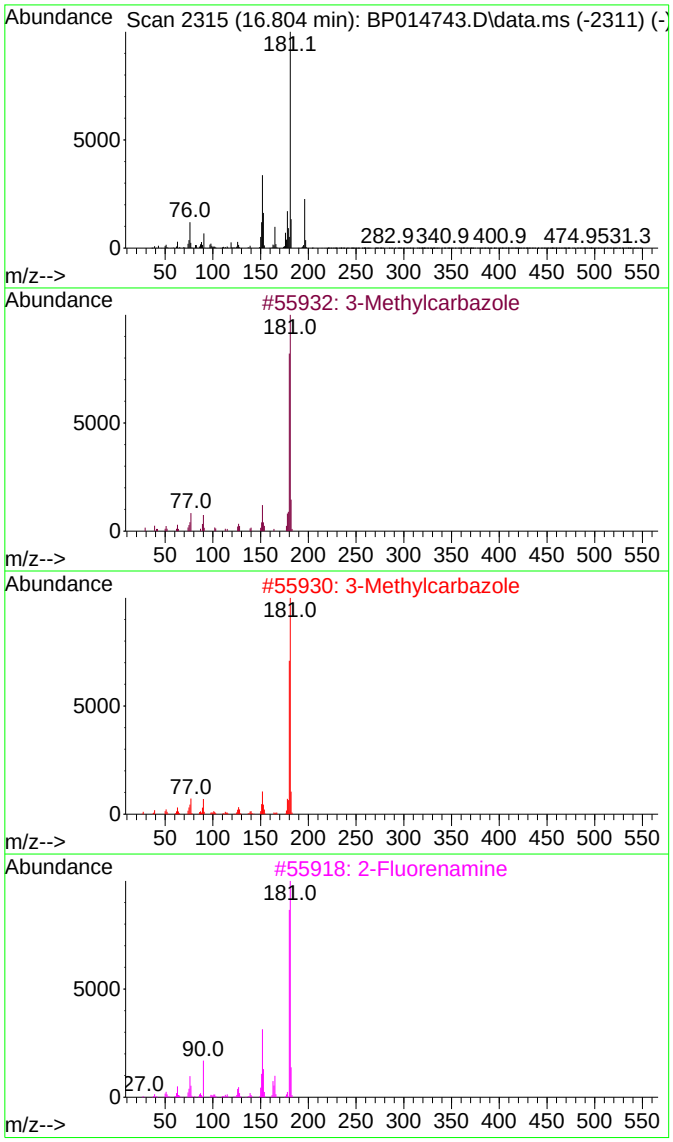
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

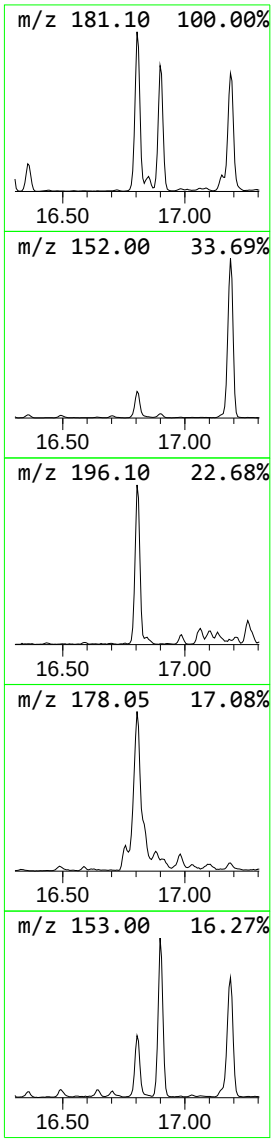
**********

Peak Number 37 3-Methylcarbazole Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.804 | 12.93 ng/ul | 3069210 | Phenanthrene-d10 | 17.534 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 83 |
| 2 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 83 |
| 3 | 2-Fluorenamine | 181 | C13H11N | 000153-78-6 | 74 |
| 4 | 2-Fluorenamine | 181 | C13H11N | 000153-78-6 | 74 |
| 5 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

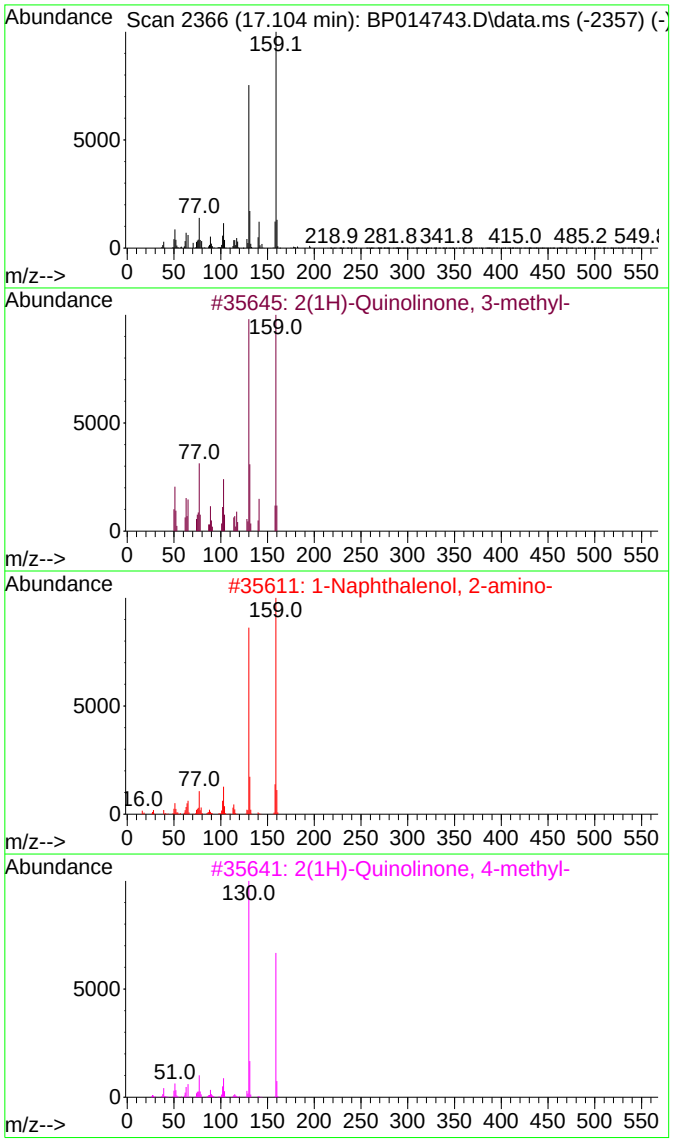
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

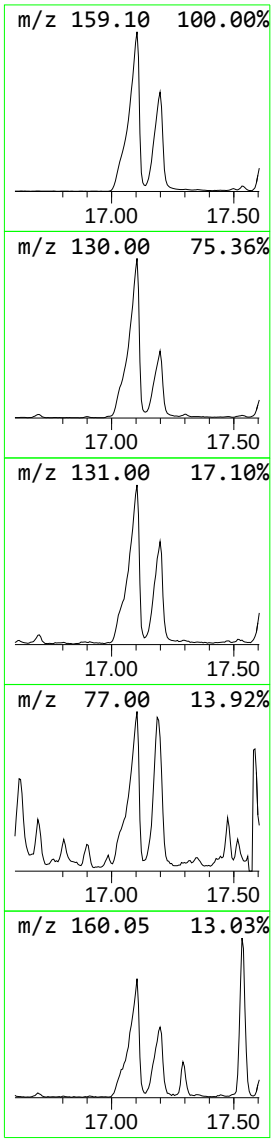
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 2(1H)-Quinolinone, 3-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.104 | 21.33 ng/ul | 5062770 | Phenanthrene-d10 | 17.534 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2(1H)-Quinolinone, 3-methyl- | 159 | C10H9NO | 002721-59-7 | 96 |
| 2 | 1-Naphthalenol, 2-amino- | 159 | C10H9NO | 000606-41-7 | 94 |
| 3 | 2(1H)-Quinolinone, 4-methyl- | 159 | C10H9NO | 000607-66-9 | 93 |
| 4 | 1-Naphthalenol, 2-amino- | 159 | C10H9NO | 000606-41-7 | 90 |
| 5 | 2-(Aminomethylidene)-2,3-dihydro... | 159 | C10H9NO | 053394-92-6 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

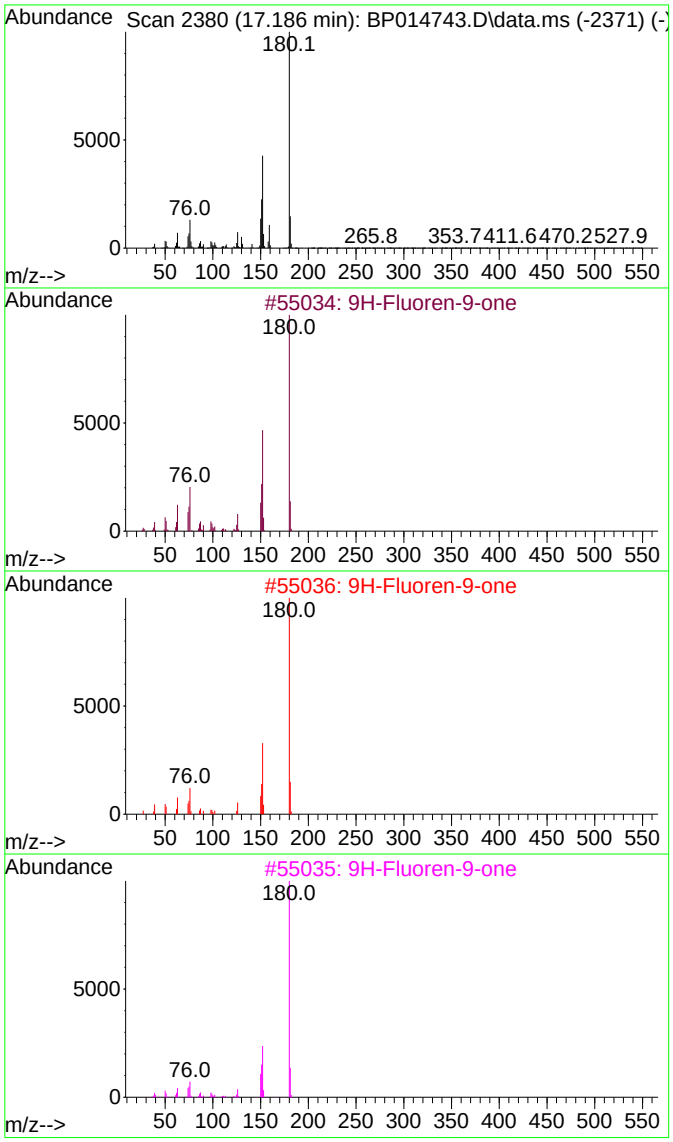
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

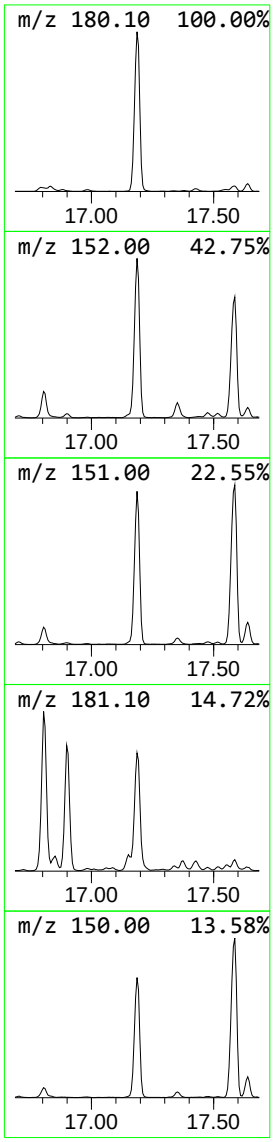
**********

Peak Number 41 9H-Fluoren-9-one Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.186 | 50.14 ng/ul | 11901200 | Phenanthrene-d10 | 17.534 |

| 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 | 95 |
| 4 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 94 |
| 5 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

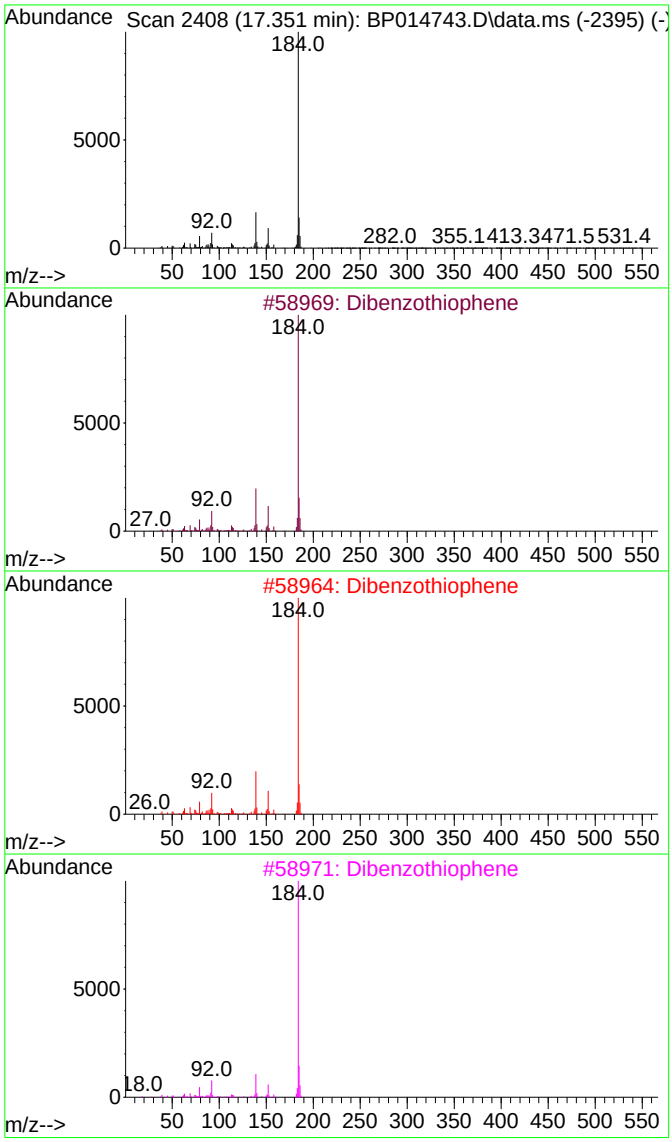
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

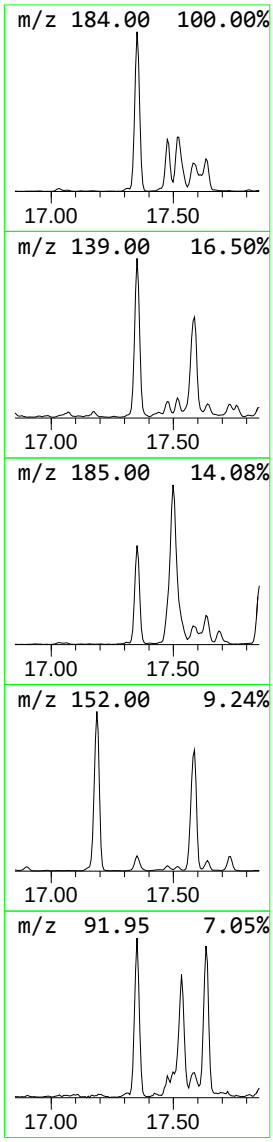
**********

Peak Number 42 Dibenzothiophene Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.351 | 14.16 ng/ul | 3360190 | Phenanthrene-d10 | 17.534 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 2 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 3 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 4 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 96 |
| 5 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

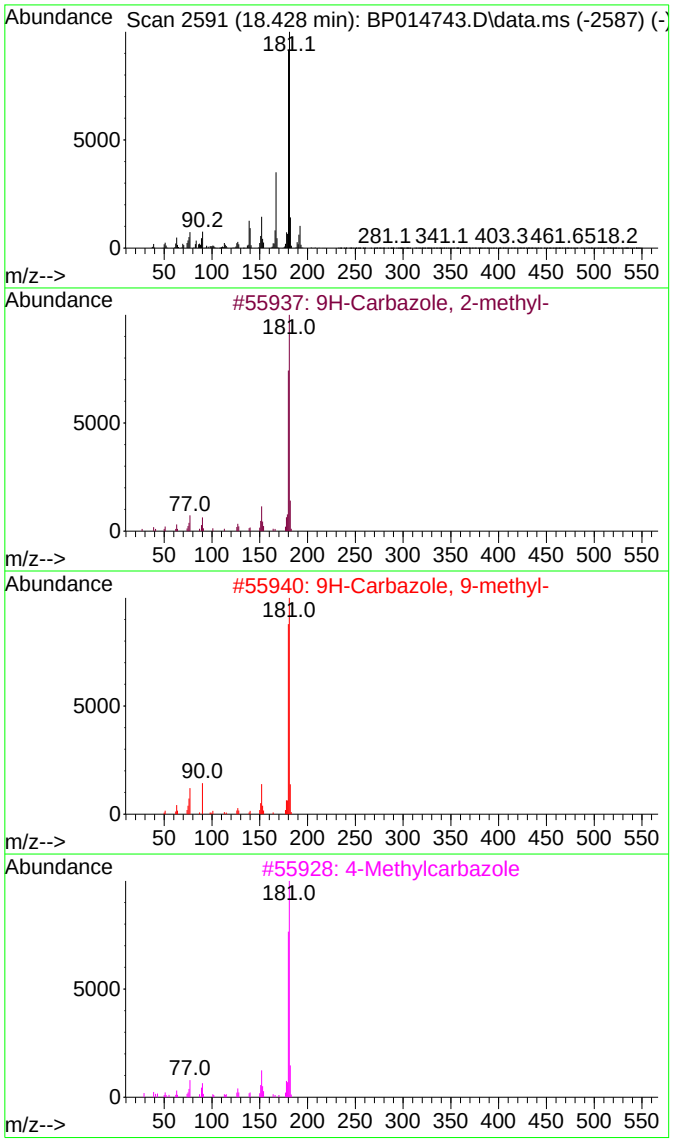
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

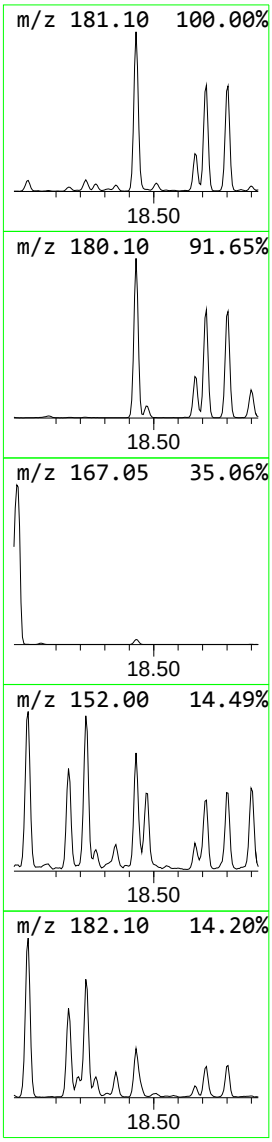
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 52 9H-Carbazole, 2-methyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.428 | 15.12 ng/ul | 3588350 | Phenanthrene-d10 | 17.534 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Carbazole, 2-methyl- | 181 | C13H11N | 003652-91-3 | 95 |
| 2 | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 94 |
| 3 | 4-Methylcarbazole | 181 | C13H11N | 003770-48-7 | 92 |
| 4 | 1-Methylcarbazole | 181 | C13H11N | 006510-65-2 | 91 |
| 5 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

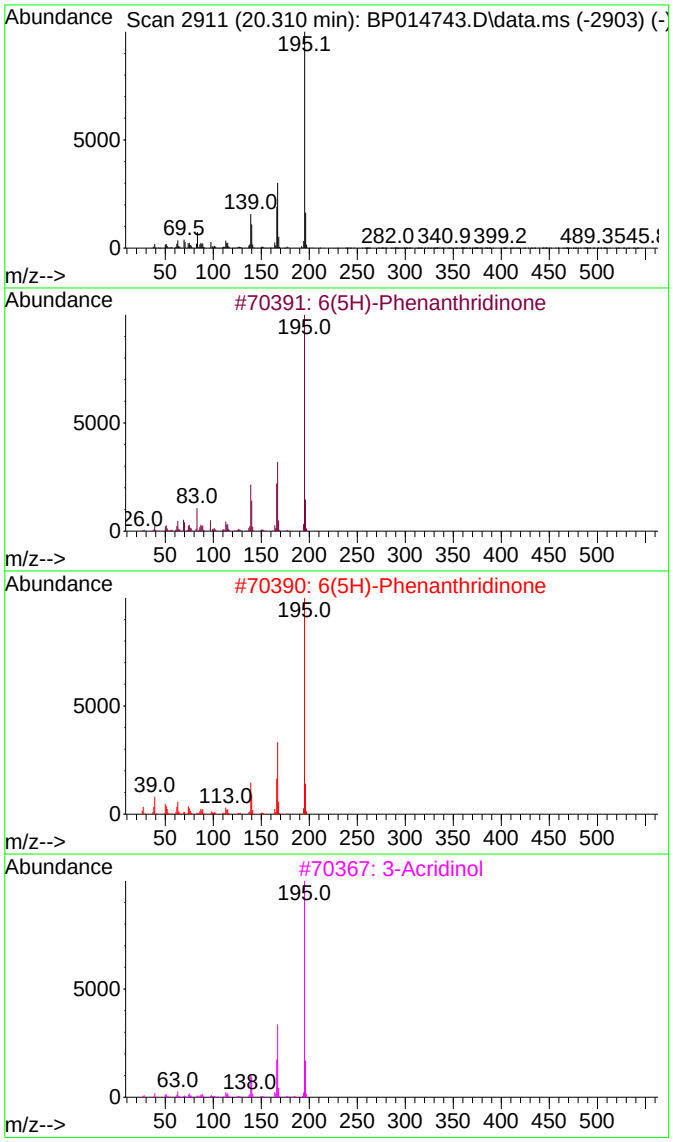
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

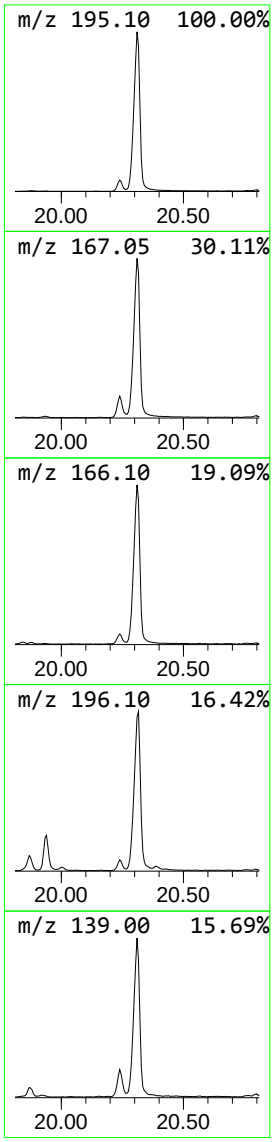
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 60 6(5H)-Phenanthridinone Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.310 | 42.44 ng/ul | 7545820 | Chrysene-d12 | 21.604 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6(5H)-Phenanthridinone | 195 | C13H9NO | 001015-89-0 | 97 |
| 2 | 6(5H)-Phenanthridinone | 195 | C13H9NO | 001015-89-0 | 96 |
| 3 | 3-Acridinol | 195 | C13H9NO | 007132-70-9 | 96 |
| 4 | 4-Amino-9-fluorenone | 195 | C13H9NO | 004269-15-2 | 96 |
| 5 | 9(10H)-Acridinone | 195 | C13H9NO | 000578-95-0 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

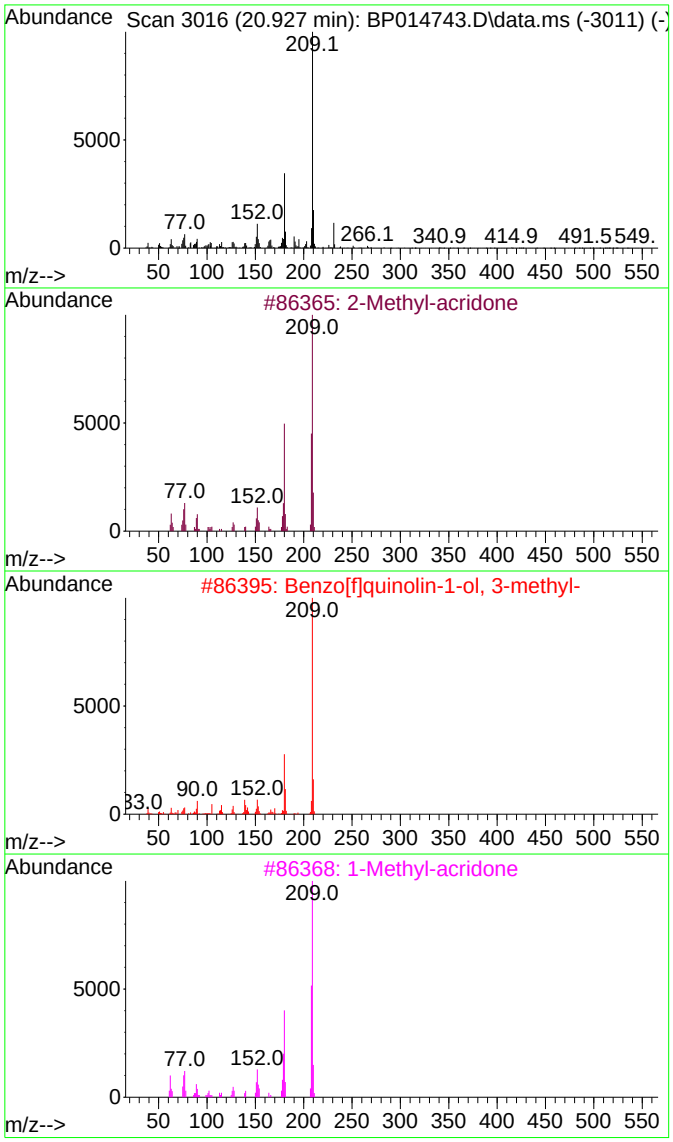
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

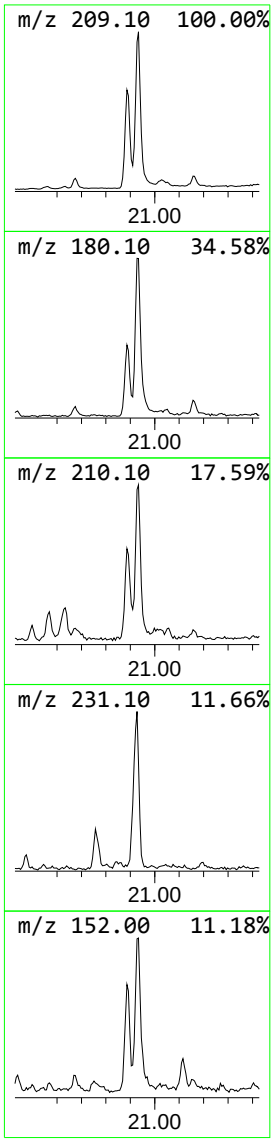
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 61 2-Methyl-acridone Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.927 | 8.46 ng/ul | 1504720 | Chrysene-d12 | 21.604 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methyl-acridone | 209 | C14H11NO | 023864-43-9 | 89 |
| 2 | Benzo[f]quinolin-1-ol, 3-methyl- | 209 | C14H11NO | 001210-03-3 | 80 |
| 3 | 1-Methyl-acridone | 209 | C14H11NO | 065753-71-1 | 76 |
| 4 | Dibenzo[b,f]oxepin-3-ylamine | 209 | C14H11NO | 1000304-76-7 | 76 |
| 5 | 9(10H)-Acridinone, 10-methyl- | 209 | C14H11NO | 000719-54-0 | 72 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
Data File : BP014743.D
Acq On : 19 Apr 2023 22:51
Operator : CG/JU
Sample : 02296-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DCBL0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-metho... | 3.217 | 11.2 | ng/ul | 767240 | 1 | 8.152 | 1365090 | 20.0 |
| Benzene, 1,3-di... | 5.758 | 16.0 | ng/ul | 1089920 | 1 | 8.152 | 1365090 | 20.0 |
| Benzene, 1-ethy... | 7.228 | 10.1 | ng/ul | 688778 | 1 | 8.152 | 1365090 | 20.0 |
| Benzene, 1,2,3-... | 7.364 | 11.9 | ng/ul | 812186 | 1 | 8.152 | 1365090 | 20.0 |
| Mesitylene | 7.793 | 30.3 | ng/ul | 2066010 | 1 | 8.152 | 1365090 | 20.0 |
| Benzofuran | 7.869 | 11.5 | ng/ul | 782391 | 1 | 8.152 | 1365090 | 20.0 |
| Benzene, 1,2,4-... | 8.269 | 12.7 | ng/ul | 869075 | 1 | 8.152 | 1365090 | 20.0 |
| Indane | 8.534 | 136.2 | ng/ul | 9294760 | 1 | 8.152 | 1365090 | 20.0 |
| Indene | 8.699 | 214.6 | ng/ul | 14645300 | 1 | 8.152 | 1365090 | 20.0 |
| Benzofuran, 7-m... | 9.522 | 30.8 | ng/ul | 2099440 | 1 | 8.152 | 1365090 | 20.0 |
| Naphthalene, 1-... | 13.816 | 38.8 | ng/ul | 4553410 | 3 | 14.787 | 2346800 | 20.0 |
| Naphthalene, 2,... | 13.951 | 37.4 | ng/ul | 4390900 | 3 | 14.787 | 2346800 | 20.0 |
| Naphthalene, 2,... | 14.104 | 63.5 | ng/ul | 7444780 | 3 | 14.787 | 2346800 | 20.0 |
| Naphthalene, 2,... | 14.340 | 20.6 | ng/ul | 2419720 | 3 | 14.787 | 2346800 | 20.0 |
| Diphenylamine | 15.051 | 10.6 | ng/ul | 1241000 | 3 | 14.787 | 2346800 | 20.0 |
| Benz[cd]indol-2... | 15.487 | 15.8 | ng/ul | 1855580 | 3 | 14.787 | 2346800 | 20.0 |
| 2-Aminobiphenyl | 15.563 | 9.3 | ng/ul | 1090350 | 3 | 14.787 | 2346800 | 20.0 |
| Benzene, 1,1'-(... | 15.993 | 16.1 | ng/ul | 1884730 | 3 | 14.787 | 2346800 | 20.0 |
| Dibenzofuran, 4... | 16.122 | 38.9 | ng/ul | 4558150 | 3 | 14.787 | 2346800 | 20.0 |
| 1-Acenaphthylen... | 16.228 | 11.8 | ng/ul | 2798620 | 4 | 17.534 | 4747140 | 20.0 |
| 9H-Fluoren-9-ol | 16.263 | 16.8 | ng/ul | 3989340 | 4 | 17.534 | 4747140 | 20.0 |
| 1(2H)-Acenaphth... | 16.504 | 48.7 | ng/ul | 11563600 | 4 | 17.534 | 4747140 | 20.0 |
| 2-Naphthaleneca... | 16.628 | 14.9 | ng/ul | 3548730 | 4 | 17.534 | 4747140 | 20.0 |
| 3-Methylcarbazole | 16.804 | 12.9 | ng/ul | 3069210 | 4 | 17.534 | 4747140 | 20.0 |
| 2(1H)-Quinolino... | 17.104 | 21.3 | ng/ul | 5062770 | 4 | 17.534 | 4747140 | 20.0 |
| 9H-Fluoren-9-one | 17.186 | 50.1 | ng/ul | 11901200 | 4 | 17.534 | 4747140 | 20.0 |
| Dibenzothiophene | 17.351 | 14.2 | ng/ul | 3360190 | 4 | 17.534 | 4747140 | 20.0 |
| 9H-Carbazole, 2... | 18.428 | 15.1 | ng/ul | 3588350 | 4 | 17.534 | 4747140 | 20.0 |
| 6(5H)-Phenanthr... | 20.310 | 42.4 | ng/ul | 7545820 | 5 | 21.604 | 3556030 | 20.0 |
| 2-Methyl-acridone | 20.927 | 8.5 | ng/ul | 1504720 | 5 | 21.604 | 3556030 | 20.0 |