LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Title : SVOA CALIBRATION

Signal : TIC: BG051243.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.313 | 133 | 140 | 159 | rVB | 2079762 | 3507242 | 5.12% | 1.122% |
| 2 | 5.671 | 360 | 371 | 379 | rBV | 2334224 | 4154328 | 6.06% | 1.329% |
| 3 | 5.806 | 386 | 394 | 407 | rVV | 1868926 | 4289051 | 6.26% | 1.373% |
| 4 | 6.182 | 447 | 458 | 470 | rBV | 1567593 | 2806770 | 4.09% | 0.898% |
| 5 | 7.269 | 637 | 643 | 648 | rBV | 568145 | 927945 | 1.35% | 0.297% |
| 6 | 7.327 | 648 | 653 | 660 | rVV2 | 388011 | 719522 | 1.05% | 0.230% |
| 7 | 7.404 | 660 | 666 | 677 | rVB | 401057 | 718826 | 1.05% | 0.230% |
| 8 | 7.839 | 730 | 740 | 748 | rVV3 | 1429256 | 3067361 | 4.47% | 0.982% |
| 9 | 7.927 | 748 | 755 | 775 | rVB | 2129262 | 3970729 | 5.79% | 1.271% |
| 10 | 8.309 | 811 | 820 | 827 | rBV2 | 582646 | 1083347 | 1.58% | 0.347% |
| 11 | 8.585 | 857 | 867 | 873 | rBV | 3952955 | 7621221 | 11.12% | 2.439% |
| 12 | 8.655 | 873 | 879 | 887 | rVV | 410405 | 755199 | 1.10% | 0.242% |
| 13 | 8.761 | 887 | 897 | 903 | rVV | 4353744 | 8890070 | 12.97% | 2.845% |
| 14 | 9.072 | 943 | 950 | 968 | rVV3 | 531117 | 2441926 | 3.56% | 0.781% |
| 15 | 9.390 | 997 | 1004 | 1009 | rVV2 | 384541 | 812394 | 1.18% | 0.260% |
| 16 | 9.454 | 1009 | 1015 | 1027 | rVB2 | 484664 | 1261597 | 1.84% | 0.404% |
| 17 | 9.566 | 1027 | 1034 | 1041 | rVB | 428183 | 778615 | 1.14% | 0.249% |
| 18 | 9.648 | 1041 | 1048 | 1052 | rBV | 1141904 | 2375170 | 3.46% | 0.760% |
| 19 | 9.695 | 1052 | 1056 | 1063 | rVV | 1063194 | 2306052 | 3.36% | 0.738% |
| 20 | 10.248 | 1136 | 1150 | 1164 | rVB3 | 1771016 | 6870355 | 10.02% | 2.199% |
| 21 | 10.418 | 1164 | 1179 | 1190 | rBV4 | 760395 | 3445305 | 5.02% | 1.103% |
| 22 | 10.518 | 1190 | 1196 | 1202 | rVV3 | 660798 | 2138332 | 3.12% | 0.684% |
| 23 | 10.600 | 1202 | 1210 | 1217 | rVV | 1802738 | 4757166 | 6.94% | 1.522% |
| 24 | 10.753 | 1225 | 1236 | 1245 | rVB3 | 467877 | 1567496 | 2.29% | 0.502% |
| 25 | 11.006 | 1276 | 1279 | 1285 | rVB | 351008 | 616195 | 0.90% | 0.197% |
| 26 | 11.199 | 1285 | 1312 | 1315 | rBV6 | 10407659 | 68566469 | 100.00% | 21.942% |
| 27 | 11.311 | 1326 | 1331 | 1336 | rVB | 5821082 | 9352094 | 13.64% | 2.993% |
| 28 | 11.393 | 1339 | 1345 | 1353 | rBV | 565271 | 1128449 | 1.65% | 0.361% |
| 29 | 11.481 | 1353 | 1360 | 1369 | rVB2 | 241948 | 544854 | 0.79% | 0.174% |
| 30 | 11.575 | 1369 | 1376 | 1381 | rBV | 1302676 | 2380489 | 3.47% | 0.762% |
| 31 | 11.634 | 1381 | 1386 | 1387 | rBV2 | 581463 | 850840 | 1.24% | 0.272% |
| 32 | 11.881 | 1418 | 1428 | 1445 | rVB2 | 2119231 | 4708807 | 6.87% | 1.507% |
| 33 | 12.063 | 1450 | 1459 | 1464 | rBV | 979639 | 1984645 | 2.89% | 0.635% |
| 34 | 12.122 | 1464 | 1469 | 1474 | rVV | 1075265 | 1911942 | 2.79% | 0.612% |
| 35 | 12.292 | 1491 | 1498 | 1509 | rVB | 423692 | 1579667 | 2.30% | 0.506% |
| 36 | 12.451 | 1517 | 1525 | 1532 | rVB2 | 1474623 | 3117955 | 4.55% | 0.998% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.545 | 1532 | 1541 | 1543 | rBV2 | 367473 | 665700 | 0.97% | 0.213% |
| 38 | 12.709 | 1558 | 1569 | 1577 | rBV | 5577731 | 12039281 | 17.56% | 3.853% |
| 39 | 12.798 | 1578 | 1584 | 1589 | rBV3 | 816411 | 1707138 | 2.49% | 0.546% |
| 40 | 12.850 | 1589 | 1593 | 1596 | rBV | 495899 | 811507 | 1.18% | 0.260% |
| 41 | 12.921 | 1597 | 1605 | 1611 | rVB | 4517730 | 9476111 | 13.82% | 3.032% |
| 42 | 12.997 | 1611 | 1618 | 1622 | rBV2 | 503020 | 918317 | 1.34% | 0.294% |
| 43 | 13.044 | 1622 | 1626 | 1628 | rBV3 | 527289 | 818480 | 1.19% | 0.262% |
| 44 | 13.262 | 1657 | 1663 | 1670 | rBV3 | 466043 | 963710 | 1.41% | 0.308% |
| 45 | 13.585 | 1710 | 1718 | 1722 | rBV2 | 374471 | 736990 | 1.07% | 0.236% |
| 46 | 13.638 | 1722 | 1727 | 1729 | rVV | 654166 | 1100383 | 1.60% | 0.352% |
| 47 | 13.673 | 1729 | 1733 | 1743 | rVB | 1431903 | 2888280 | 4.21% | 0.924% |
| 48 | 13.867 | 1762 | 1766 | 1779 | rVB4 | 408735 | 1087694 | 1.59% | 0.348% |
| 49 | 13.990 | 1779 | 1787 | 1790 | rBV4 | 818712 | 1899934 | 2.77% | 0.608% |
| 50 | 14.108 | 1802 | 1807 | 1811 | rBV | 471939 | 709394 | 1.03% | 0.227% |
| 51 | 14.161 | 1811 | 1816 | 1821 | rVV3 | 965110 | 1787960 | 2.61% | 0.572% |
| 52 | 14.214 | 1821 | 1825 | 1829 | rVV | 410172 | 631017 | 0.92% | 0.202% |
| 53 | 14.337 | 1841 | 1846 | 1851 | rVB | 919638 | 1356960 | 1.98% | 0.434% |
| 54 | 14.390 | 1851 | 1855 | 1859 | rBV2 | 475418 | 786075 | 1.15% | 0.252% |
| 55 | 14.560 | 1873 | 1884 | 1891 | rVB3 | 870022 | 2635353 | 3.84% | 0.843% |
| 56 | 14.789 | 1917 | 1923 | 1928 | rBV3 | 367896 | 843926 | 1.23% | 0.270% |
| 57 | 14.913 | 1936 | 1944 | 1949 | rVB | 3311966 | 5800721 | 8.46% | 1.856% |
| 58 | 14.989 | 1951 | 1957 | 1961 | rBV | 1195826 | 1876858 | 2.74% | 0.601% |
| 59 | 15.048 | 1961 | 1967 | 1974 | rVB | 3224661 | 6292427 | 9.18% | 2.014% |
| 60 | 15.118 | 1974 | 1979 | 1981 | rBV | 1121517 | 1809215 | 2.64% | 0.579% |
| 61 | 15.148 | 1981 | 1984 | 1991 | rVB | 1478365 | 2072254 | 3.02% | 0.663% |
| 62 | 15.248 | 1992 | 2001 | 2005 | rBV | 1921018 | 3522890 | 5.14% | 1.127% |
| 63 | 15.389 | 2017 | 2025 | 2030 | rBV | 250448 | 617434 | 0.90% | 0.198% |
| 64 | 15.624 | 2060 | 2065 | 2077 | rVB2 | 584084 | 1337799 | 1.95% | 0.428% |
| 65 | 15.788 | 2084 | 2093 | 2097 | rBV | 683660 | 1582253 | 2.31% | 0.506% |
| 66 | 15.829 | 2097 | 2100 | 2104 | rVV | 544237 | 752241 | 1.10% | 0.241% |
| 67 | 15.894 | 2104 | 2111 | 2117 | rVB | 2294798 | 3872892 | 5.65% | 1.239% |
| 68 | 16.041 | 2118 | 2136 | 2142 | rBV | 2730345 | 7537423 | 10.99% | 2.412% |
| 69 | 16.135 | 2142 | 2152 | 2157 | rVB2 | 1654026 | 4391501 | 6.40% | 1.405% |
| 70 | 16.282 | 2171 | 2177 | 2180 | rBV | 713643 | 1244634 | 1.82% | 0.398% |
| 71 | 16.317 | 2180 | 2183 | 2193 | rVB2 | 980402 | 1686512 | 2.46% | 0.540% |
| 72 | 16.523 | 2212 | 2218 | 2224 | rBV3 | 377677 | 877245 | 1.28% | 0.281% |
| 73 | 16.617 | 2224 | 2234 | 2235 | rBV4 | 472985 | 1040671 | 1.52% | 0.333% |
| 74 | 16.775 | 2254 | 2261 | 2265 | rBV | 1228346 | 2034084 | 2.97% | 0.651% |
| 75 | 16.857 | 2266 | 2275 | 2279 | rBV | 1611450 | 2985187 | 4.35% | 0.955% |
| 76 | 16.951 | 2285 | 2291 | 2296 | rBV3 | 914065 | 2144093 | 3.13% | 0.686% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 17.386 | 2359 | 2365 | 2374 | rVB2 | 1186821 | 2702543 | 3.94% | 0.865% |
| 78 | 17.480 | 2374 | 2381 | 2384 | rBV | 423169 | 748015 | 1.09% | 0.239% |
| 79 | 17.545 | 2388 | 2392 | 2395 | rVV | 431991 | 615789 | 0.90% | 0.197% |
| 80 | 17.592 | 2395 | 2400 | 2403 | rVV2 | 666310 | 1328789 | 1.94% | 0.425% |
| 81 | 17.639 | 2403 | 2408 | 2414 | rVV2 | 2924579 | 5223355 | 7.62% | 1.672% |
| 82 | 17.692 | 2414 | 2417 | 2421 | rVB3 | 500435 | 633116 | 0.92% | 0.203% |
| 83 | 17.921 | 2443 | 2456 | 2457 | rBV4 | 489169 | 1493698 | 2.18% | 0.478% |
| 84 | 18.033 | 2463 | 2475 | 2481 | rBV | 4935924 | 11426651 | 16.67% | 3.657% |
| 85 | 18.109 | 2482 | 2488 | 2494 | rVV2 | 973426 | 2251624 | 3.28% | 0.721% |
| 86 | 18.179 | 2494 | 2500 | 2507 | rVV2 | 1764351 | 3761378 | 5.49% | 1.204% |
| 87 | 18.244 | 2507 | 2511 | 2518 | rVB4 | 375451 | 864471 | 1.26% | 0.277% |
| 88 | 18.450 | 2542 | 2546 | 2551 | rVB2 | 613662 | 969982 | 1.41% | 0.310% |
| 89 | 18.520 | 2551 | 2558 | 2568 | rBV4 | 1294596 | 3555290 | 5.19% | 1.138% |
| 90 | 18.608 | 2569 | 2573 | 2578 | rVB | 1059589 | 1710772 | 2.50% | 0.547% |
| 91 | 18.667 | 2579 | 2583 | 2593 | rVB4 | 331912 | 704905 | 1.03% | 0.226% |
| 92 | 18.761 | 2594 | 2599 | 2603 | rBV2 | 429334 | 926068 | 1.35% | 0.296% |
| 93 | 19.425 | 2706 | 2712 | 2716 | rBV | 629061 | 976246 | 1.42% | 0.312% |
| 94 | 19.642 | 2746 | 2749 | 2754 | rVB | 462536 | 622196 | 0.91% | 0.199% |
| 95 | 19.971 | 2799 | 2805 | 2808 | rBV | 824694 | 1278708 | 1.86% | 0.409% |
| 96 | 20.483 | 2885 | 2892 | 2893 | rBV | 872880 | 1445404 | 2.11% | 0.463% |
| 97 | 21.135 | 2992 | 3003 | 3017 | rVB3 | 614640 | 1755819 | 2.56% | 0.562% |
| 98 | 21.887 | 3124 | 3131 | 3137 | rBV2 | 362622 | 673509 | 0.98% | 0.216% |
| 99 | 22.598 | 3246 | 3252 | 3267 | rVB | 235373 | 553438 | 0.81% | 0.177% |
| 100 | 25.066 | 3662 | 3672 | 3681 | rVB2 | 326252 | 913211 | 1.33% | 0.292% |

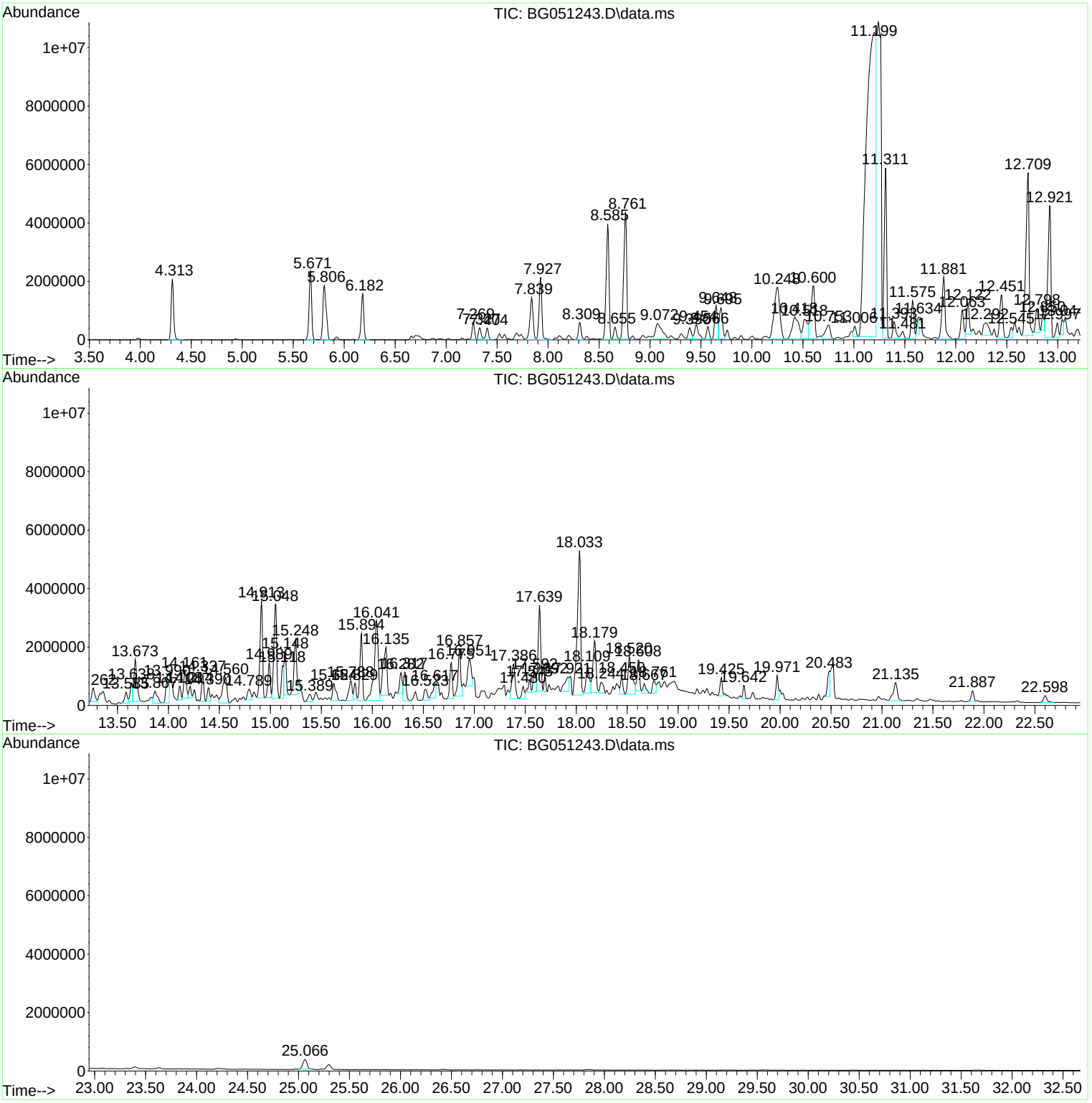
Sum of corrected areas: 312485946

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

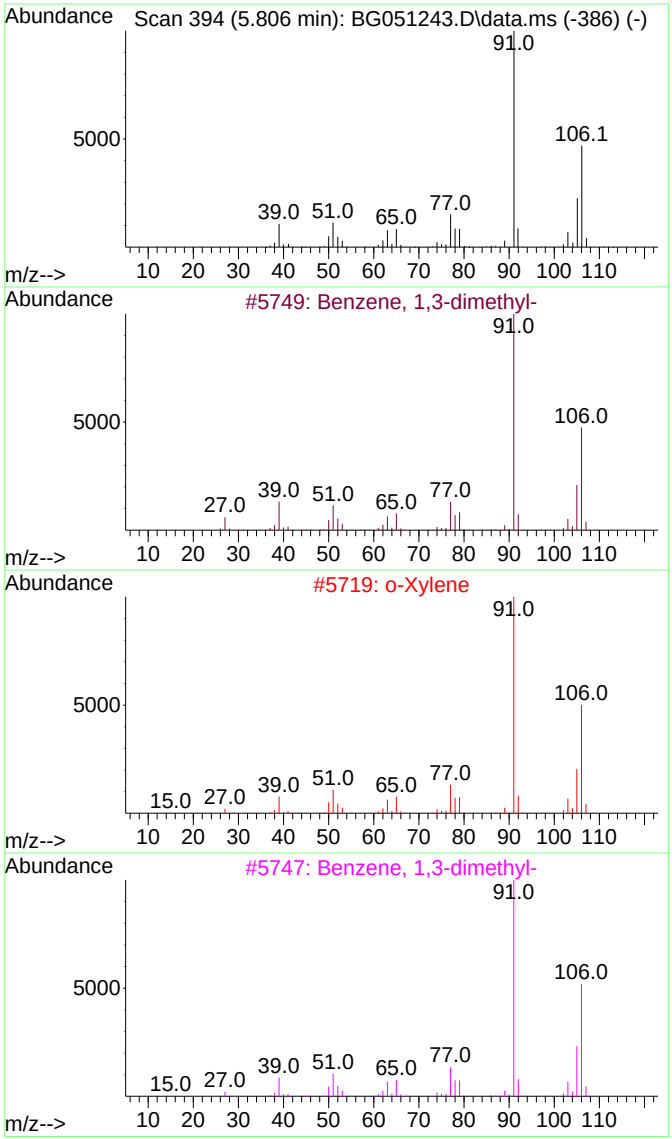
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

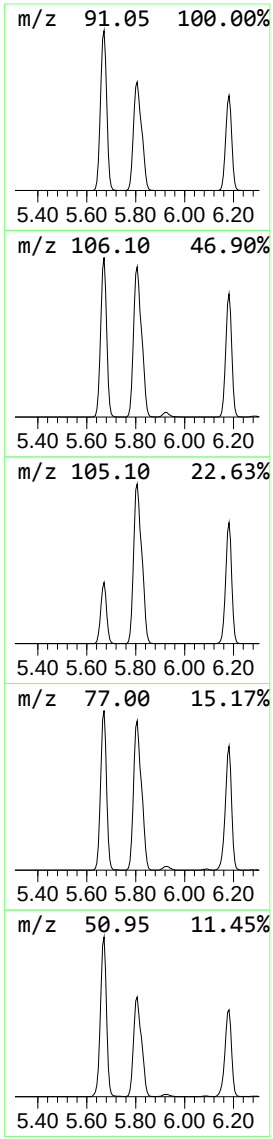
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.806 | 79.18 ng/ul | 4289050 | 1,4-Dichlorobenzene-d4 | 8.203 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

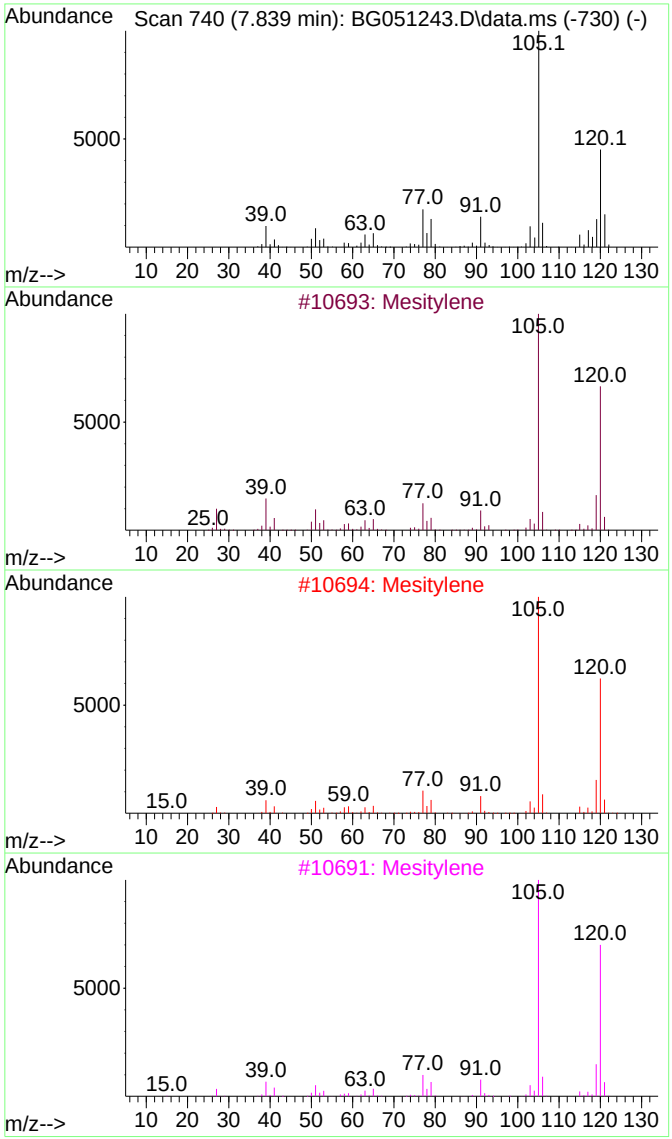
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

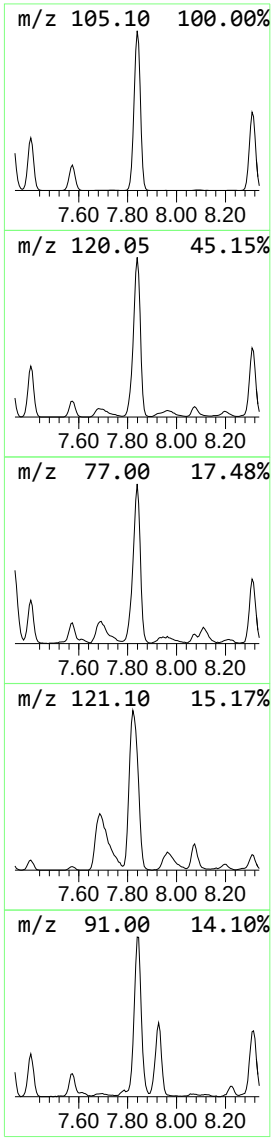
**********

Peak Number 6 Mesitylene Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.839 | 56.63 ng/ul | 3067360 | 1,4-Dichlorobenzene-d4 | 8.203 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 90 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 90 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 90 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 90 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

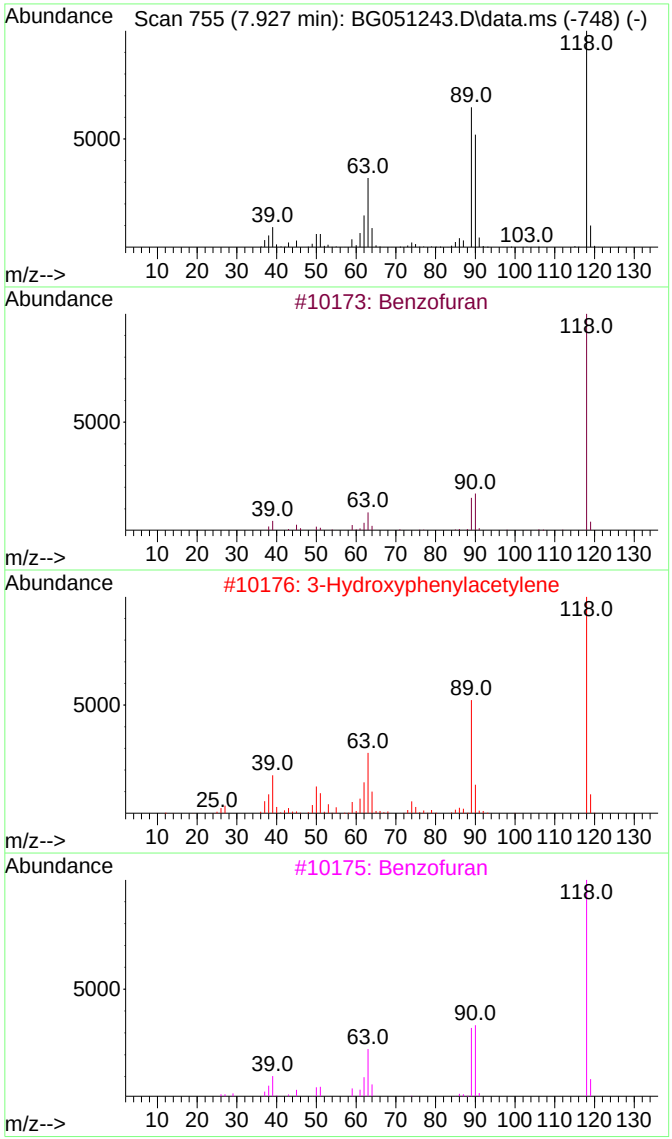
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

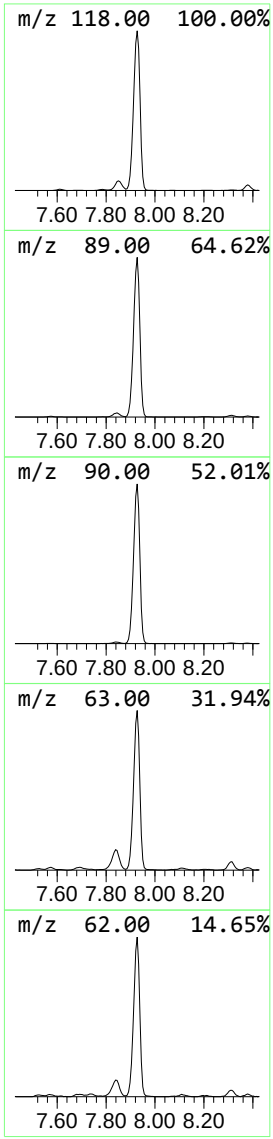
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzofuran Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.927 | 73.30 ng/ul | 3970730 | 1,4-Dichlorobenzene-d4 | 8.203 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran | 118 | C8H6O | 000271-89-6 | 90 |
| 2 | 3-Hydroxyphenylacetylene | 118 | C8H6O | 010401-11-3 | 87 |
| 3 | Benzofuran | 118 | C8H6O | 000271-89-6 | 81 |
| 4 | Benzofuran | 118 | C8H6O | 000271-89-6 | 74 |
| 5 | Benzocyclobuten-1(2H)-one | 118 | C8H6O | 003469-06-5 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

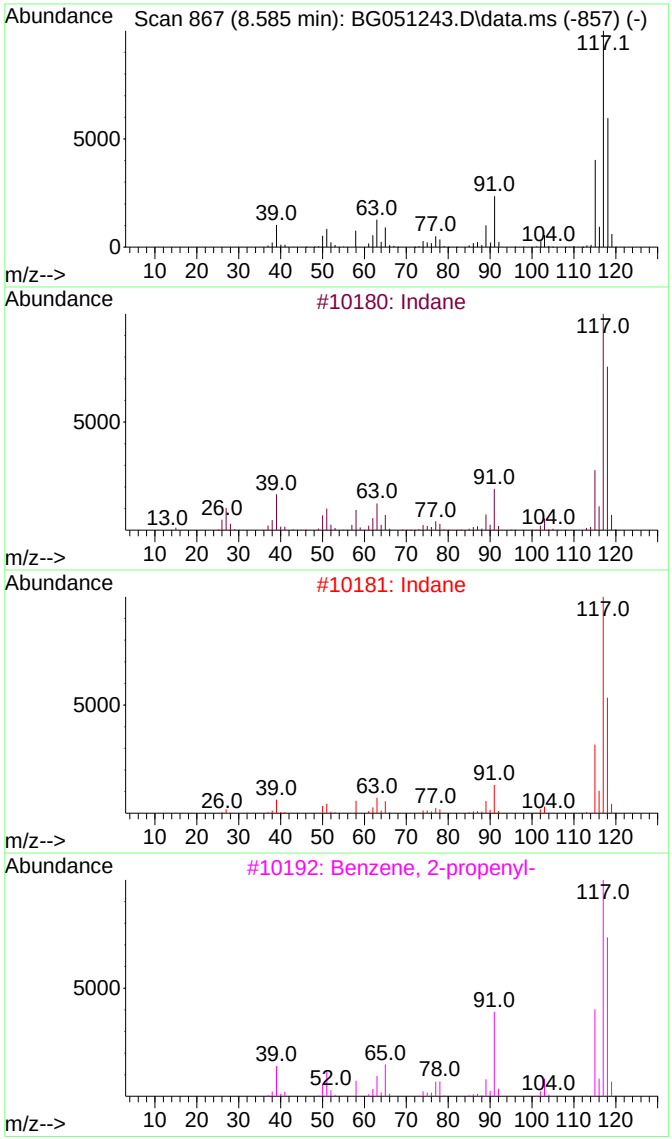
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

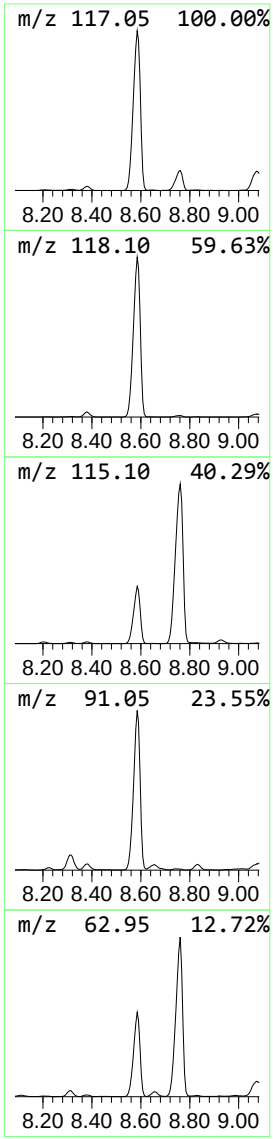
**********

Peak Number 9 Indane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.585 | 140.70 ng/ul | 7621220 | 1,4-Dichlorobenzene-d4 | 8.203 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 95 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 95 |
| 3 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 76 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 70 |
| 5 | Indane | 118 | C9H10 | 000496-11-7 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

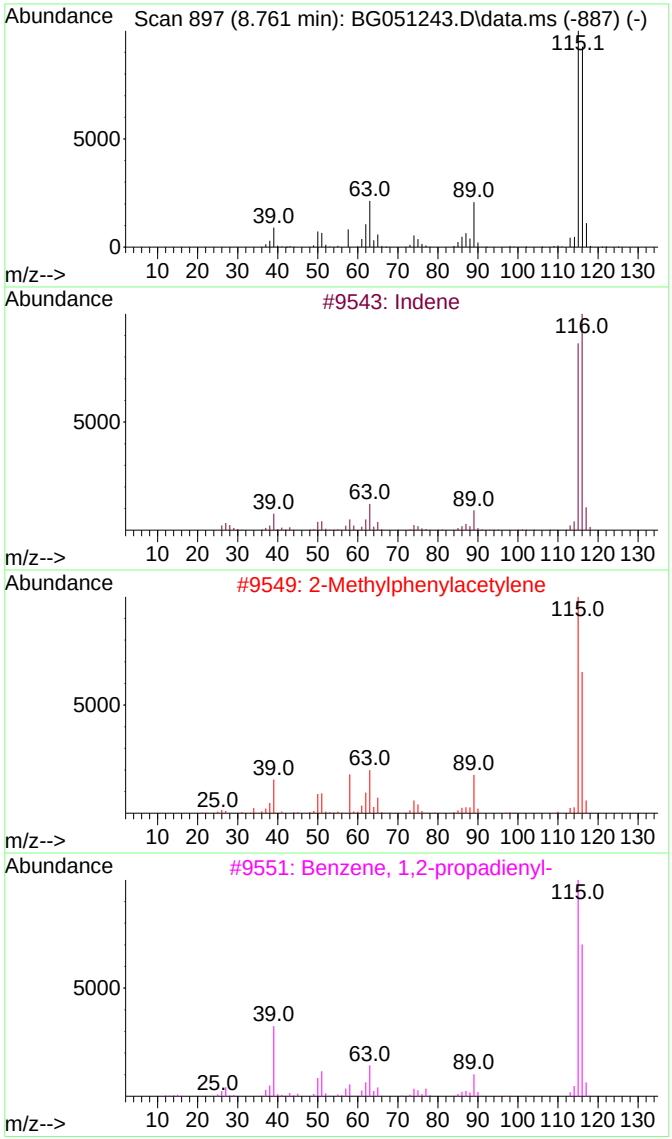
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

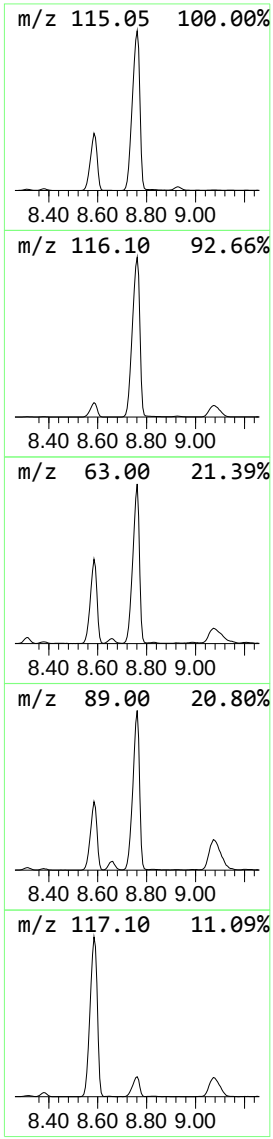
**********

Peak Number 10 Indene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.761 | 164.12 ng/ul | 8890070 | 1,4-Dichlorobenzene-d4 | 8.203 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indene | 116 | C9H8 | 000095-13-6 | 96 |
| 2 | 2-Methylphenylacetylene | 116 | C9H8 | 000766-47-2 | 91 |
| 3 | Benzene, 1,2-propadienyl- | 116 | C9H8 | 002327-99-3 | 91 |
| 4 | 3-Methylphenylacetylene | 116 | C9H8 | 000766-82-5 | 91 |
| 5 | Benzene, 1-ethynyl-4-methyl- | 116 | C9H8 | 000766-97-2 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

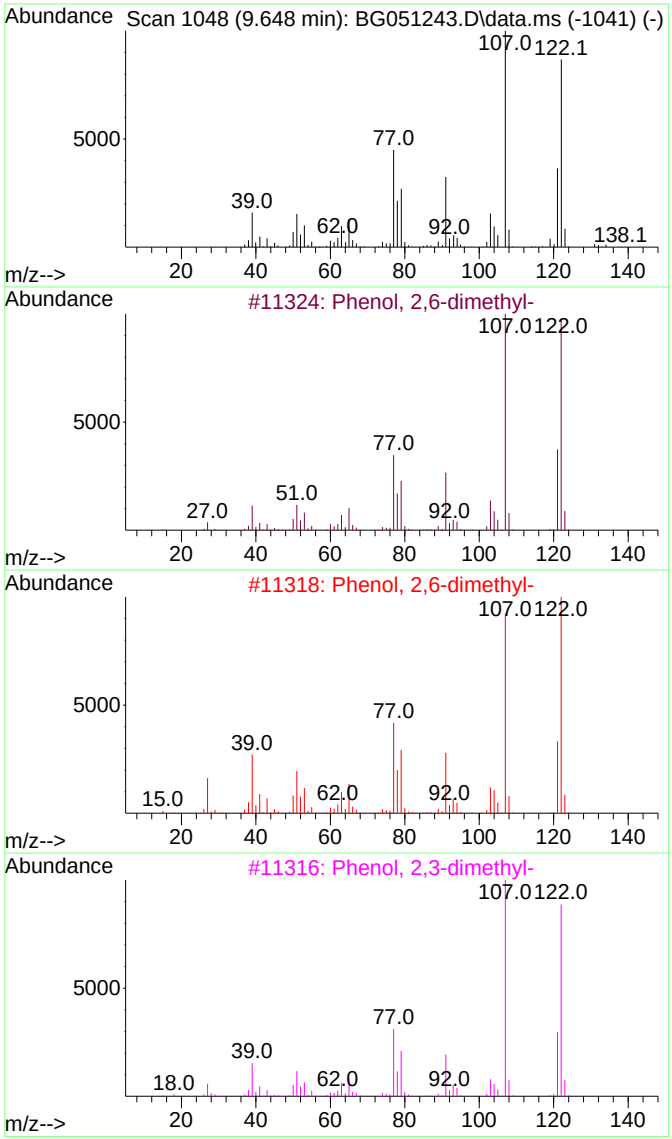
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

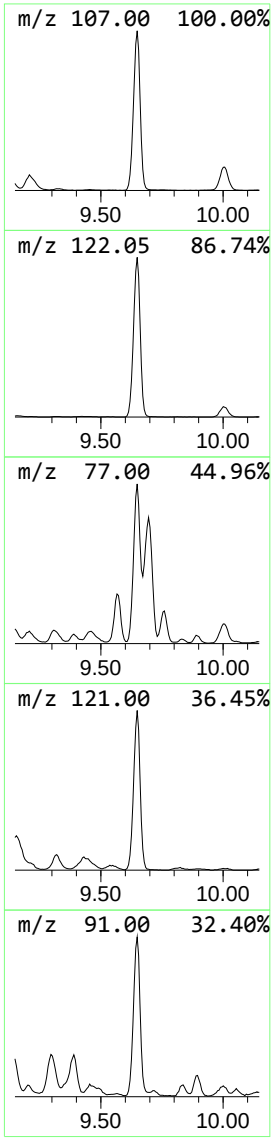
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Phenol, 2,6-dimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.648 | 77.09 ng/ul | 2375170 | Naphthalene-d8 | 11.064 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,6-dimethyl- | 122 | C8H10O | 000576-26-1 | 97 |
| 2 | Phenol, 2,6-dimethyl- | 122 | C8H10O | 000576-26-1 | 97 |
| 3 | Phenol, 2,3-dimethyl- | 122 | C8H10O | 000526-75-0 | 97 |
| 4 | Phenol, 2,6-dimethyl- | 122 | C8H10O | 000576-26-1 | 96 |
| 5 | Phenol, 2,5-dimethyl- | 122 | C8H10O | 000095-87-4 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

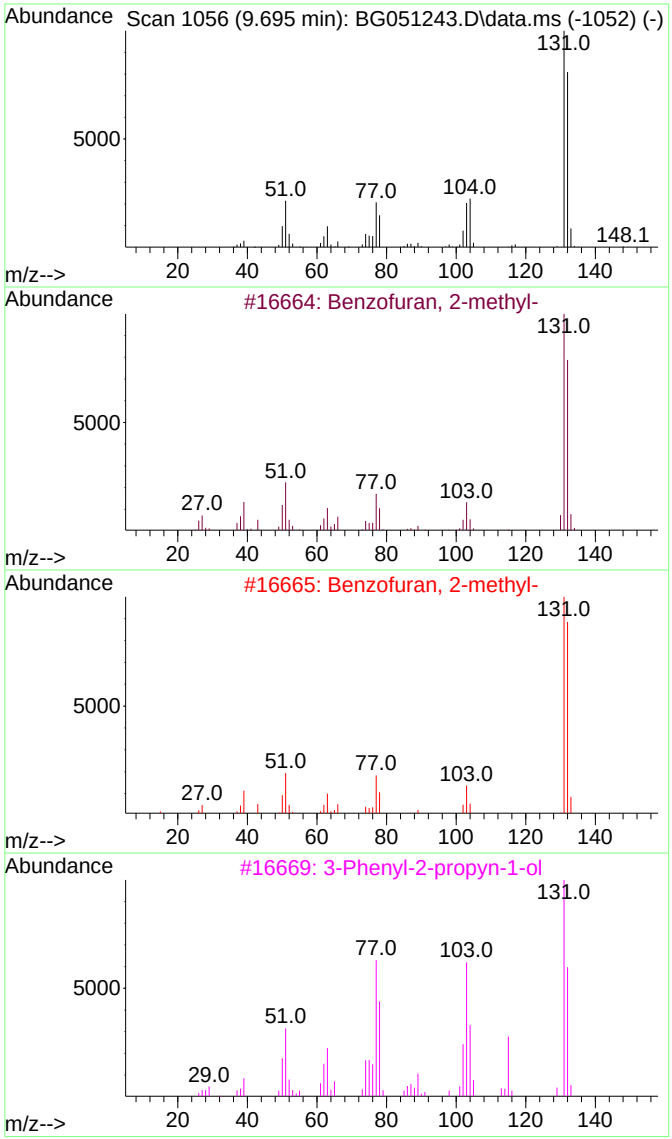
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

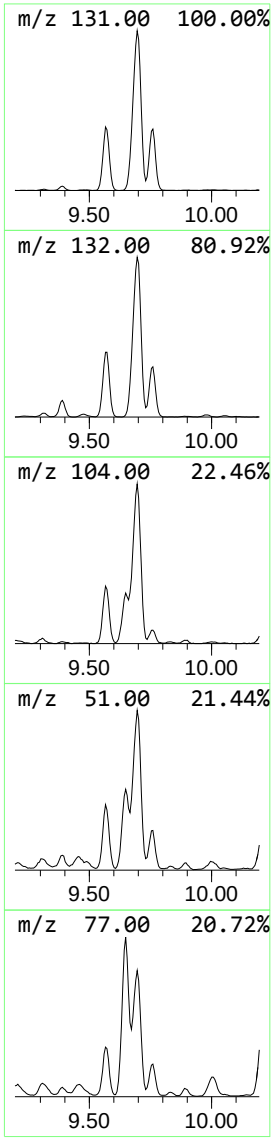
**********

Peak Number 14 Benzofuran, 2-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.695 | 74.85 ng/ul | 2306050 | Naphthalene-d8 | 11.064 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 94 |
| 2 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 94 |
| 3 | 3-Phenyl-2-propyn-1-ol | 132 | C9H8O | 001504-58-1 | 91 |
| 4 | 3-Phenyl-2-propyn-1-ol | 132 | C9H8O | 001504-58-1 | 91 |
| 5 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |



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Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

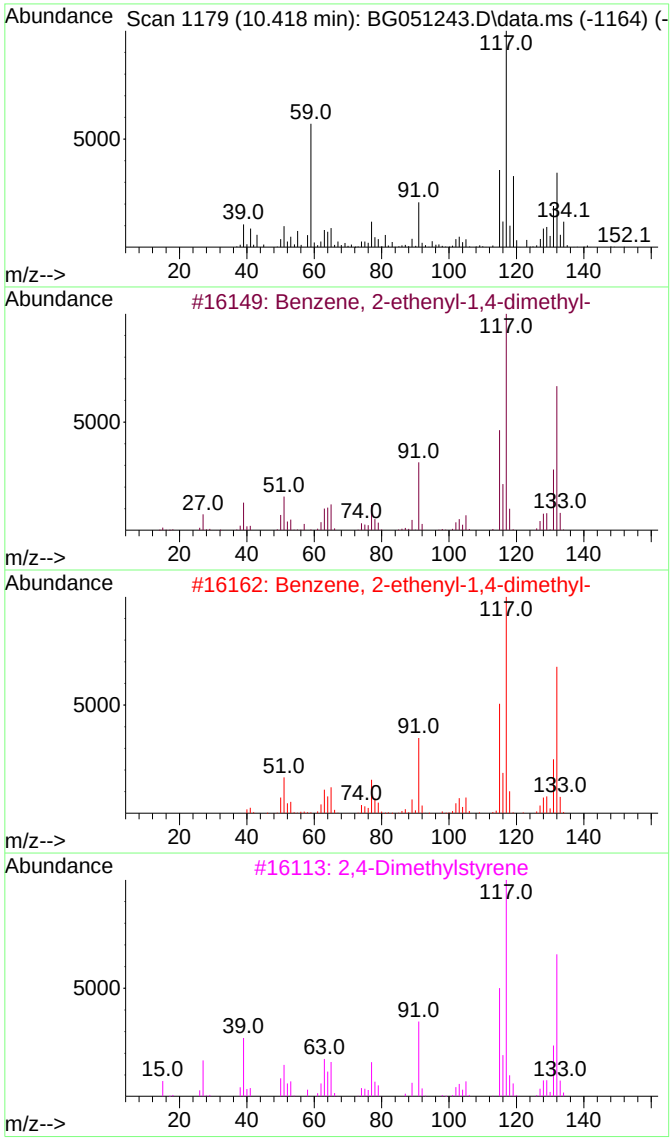
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

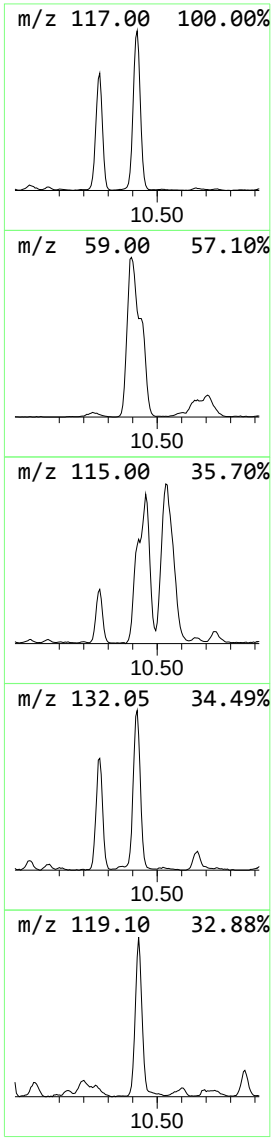
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.418 | 111.83 ng/ul | 3445310 | Naphthalene-d8 | 11.064 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 90 |
| 2 | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12 | 002039-89-6 | 86 |
| 3 | 2,4-Dimethylstyrene | 132 | C10H12 | 002234-20-0 | 83 |
| 4 | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12 | 000874-35-1 | 64 |
| 5 | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12 | 001587-04-8 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

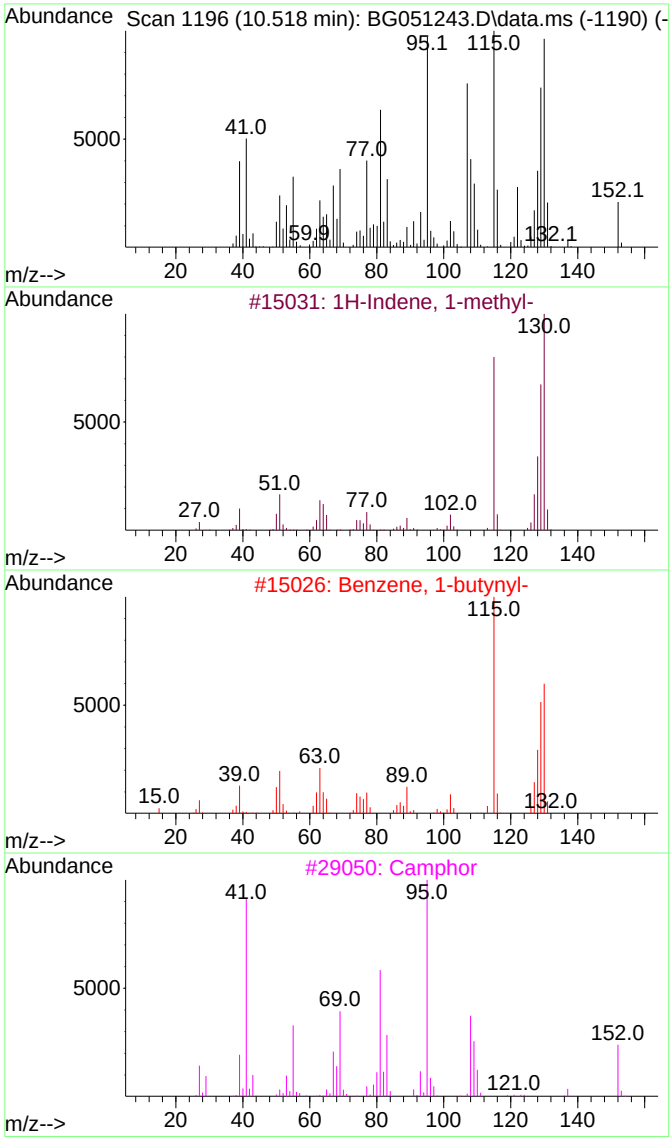
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

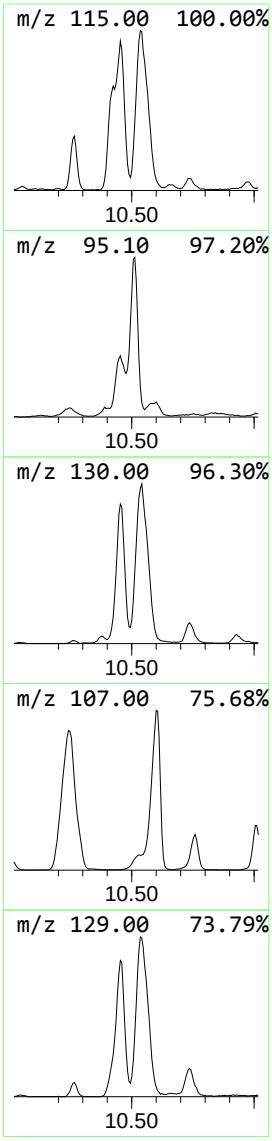
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 1H-Indene, 1-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.518 | 69.40 ng/ul | 2138330 | Naphthalene-d8 | 11.064 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 1-methyl- | 130 | C10H10 | 000767-59-9 | 52 |
| 2 | Benzene, 1-butynyl- | 130 | C10H10 | 000622-76-4 | 52 |
| 3 | Camphor | 152 | C10H16O | 000076-22-2 | 46 |
| 4 | (+)-2-Bornanone | 152 | C10H16O | 000464-49-3 | 46 |
| 5 | Benzene, (1-methyl-2-cyclopropen... | 130 | C10H10 | 065051-83-4 | 46 |



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Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

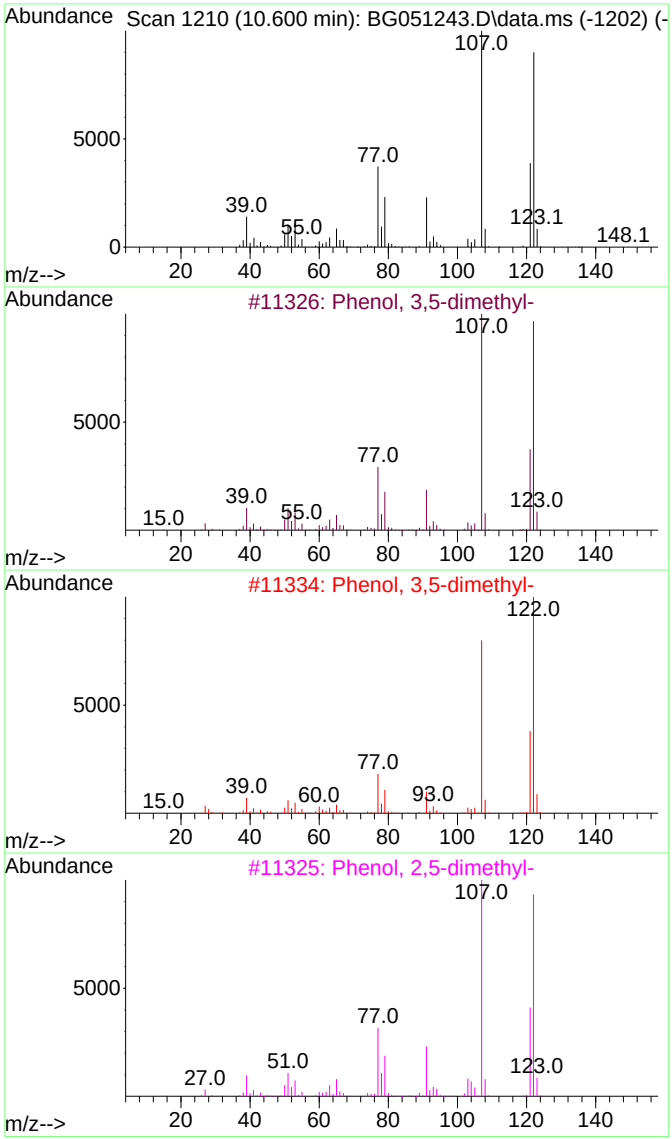
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

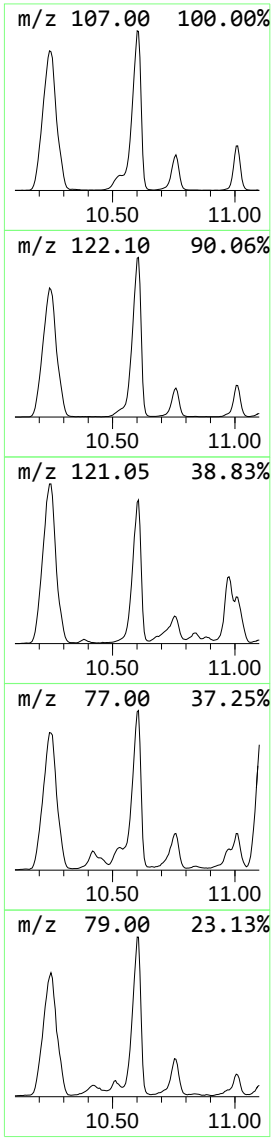
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Phenol, 3,5-dimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.600 | 154.41 ng/ul | 4757170 | Naphthalene-d8 | 11.064 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 96 |
| 2 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 94 |
| 3 | Phenol, 2,5-dimethyl- | 122 | C8H10O | 000095-87-4 | 93 |
| 4 | Phenol, 2,5-dimethyl- | 122 | C8H10O | 000095-87-4 | 93 |
| 5 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

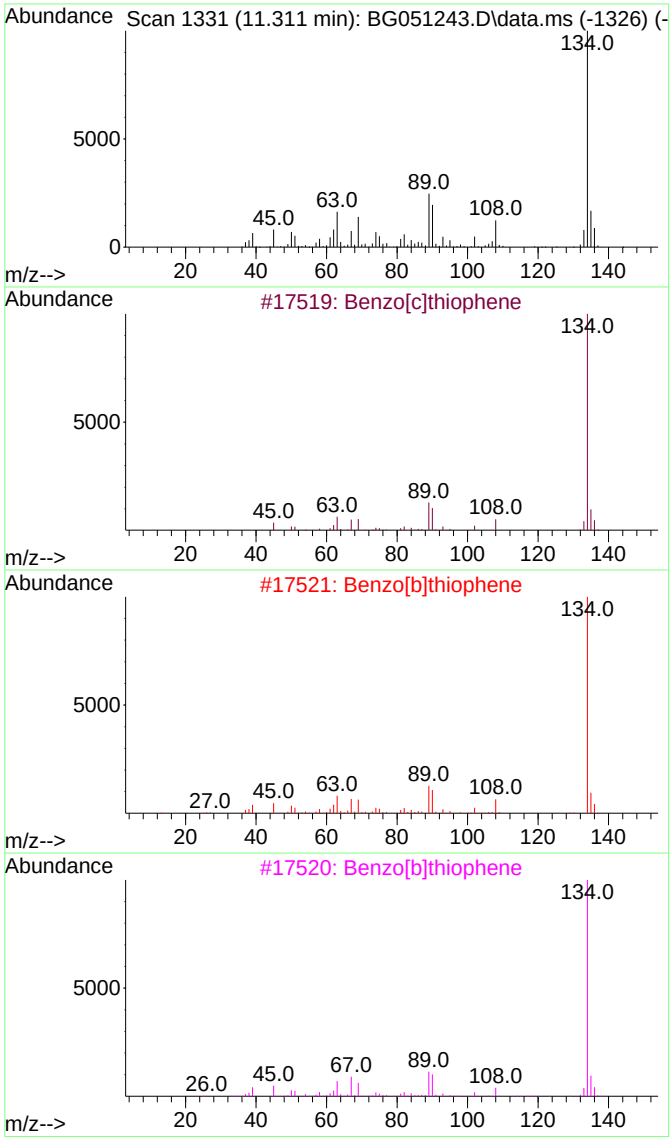
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

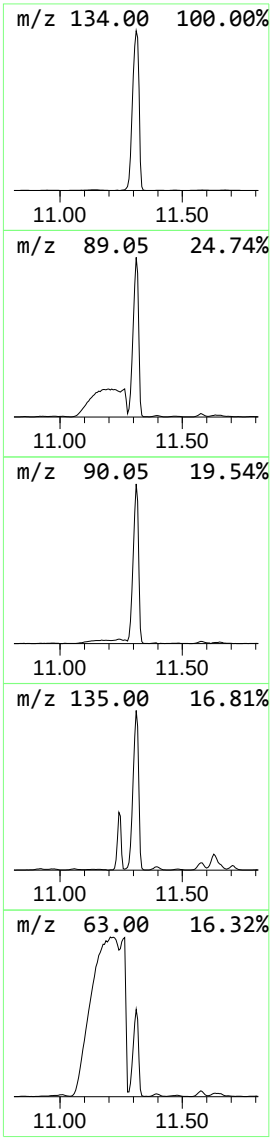
**********

Peak Number 19 Benzo[c]thiophene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.311 | 303.54 ng/ul | 9352090 | Naphthalene-d8 | 11.064 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[c]thiophene | 134 | C8H6S | 000270-82-6 | 94 |
| 2 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 91 |
| 3 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 91 |
| 4 | Cyclopenta[c]thiapyran | 134 | C8H6S | 000270-63-3 | 91 |
| 5 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

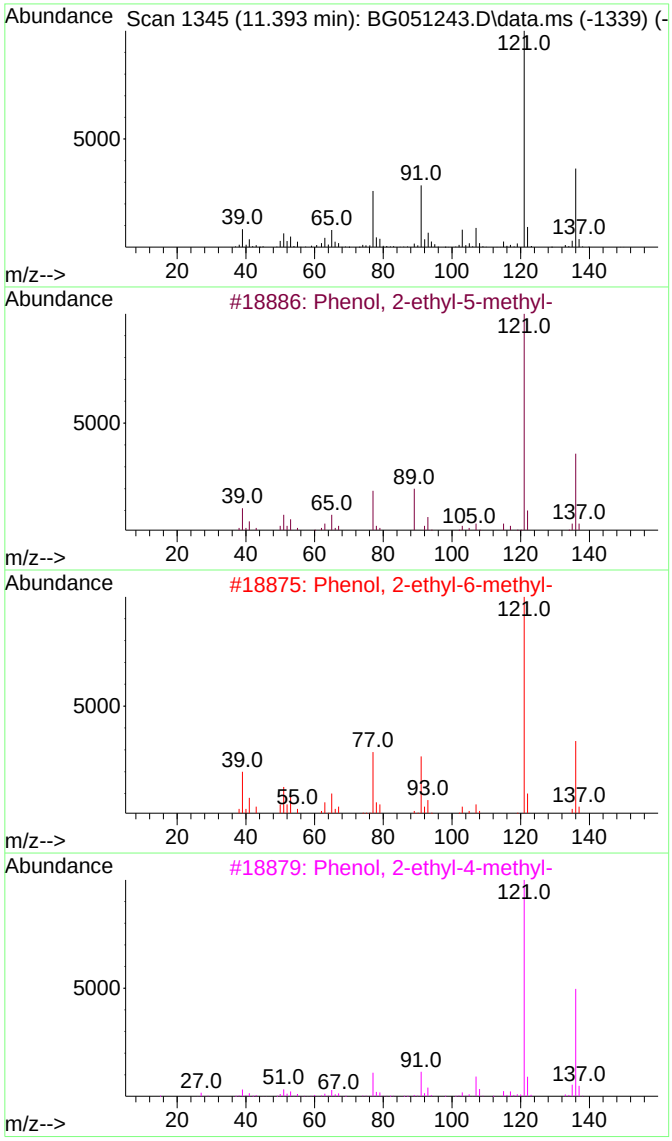
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

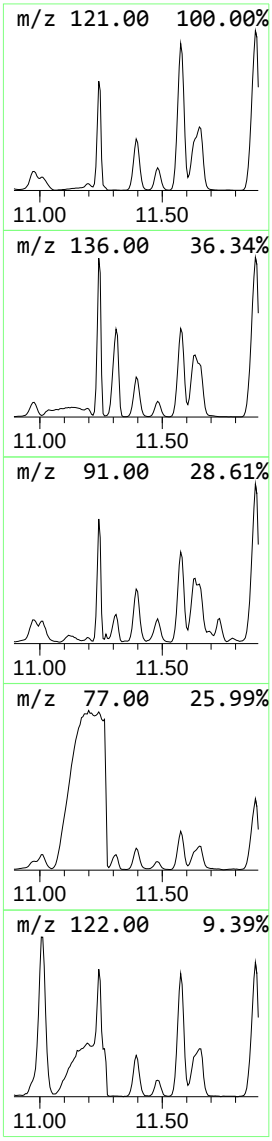
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Phenol, 2-ethyl-5-methyl- Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.393 | 36.63 ng/ul | 1128450 | Naphthalene-d8 | 11.064 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-ethyl-5-methyl- | 136 | C9H12O | 001687-61-2 | 91 |
| 2 | Phenol, 2-ethyl-6-methyl- | 136 | C9H12O | 001687-64-5 | 91 |
| 3 | Phenol, 2-ethyl-4-methyl- | 136 | C9H12O | 003855-26-3 | 91 |
| 4 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 91 |
| 5 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

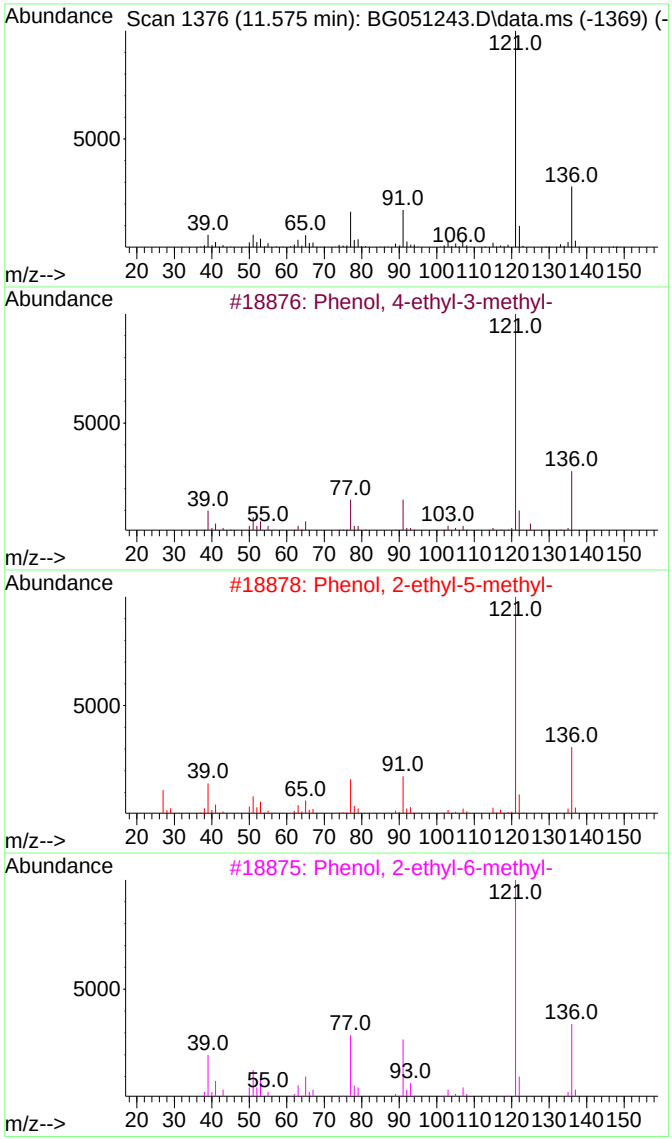
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

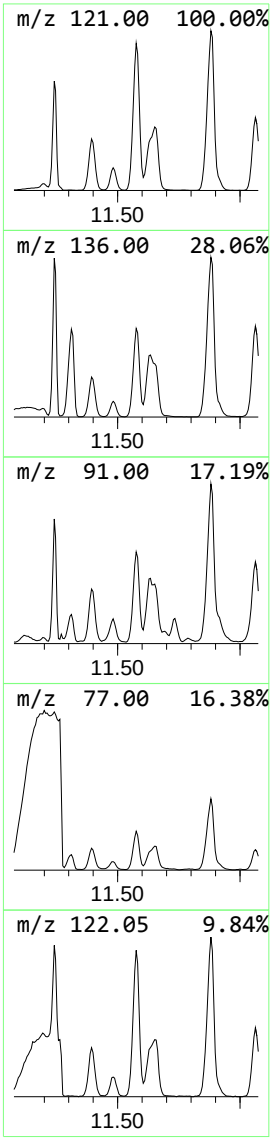
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Phenol, 4-ethyl-3-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.575 | 77.26 ng/ul | 2380490 | Naphthalene-d8 | 11.064 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4-ethyl-3-methyl- | 136 | C9H12O | 001123-94-0 | 91 |
| 2 | Phenol, 2-ethyl-5-methyl- | 136 | C9H12O | 001687-61-2 | 91 |
| 3 | Phenol, 2-ethyl-6-methyl- | 136 | C9H12O | 001687-64-5 | 91 |
| 4 | Phenol, 3,4,5-trimethyl- | 136 | C9H12O | 000527-54-8 | 91 |
| 5 | Benzene, 1-ethyl-4-methoxy- | 136 | C9H12O | 001515-95-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

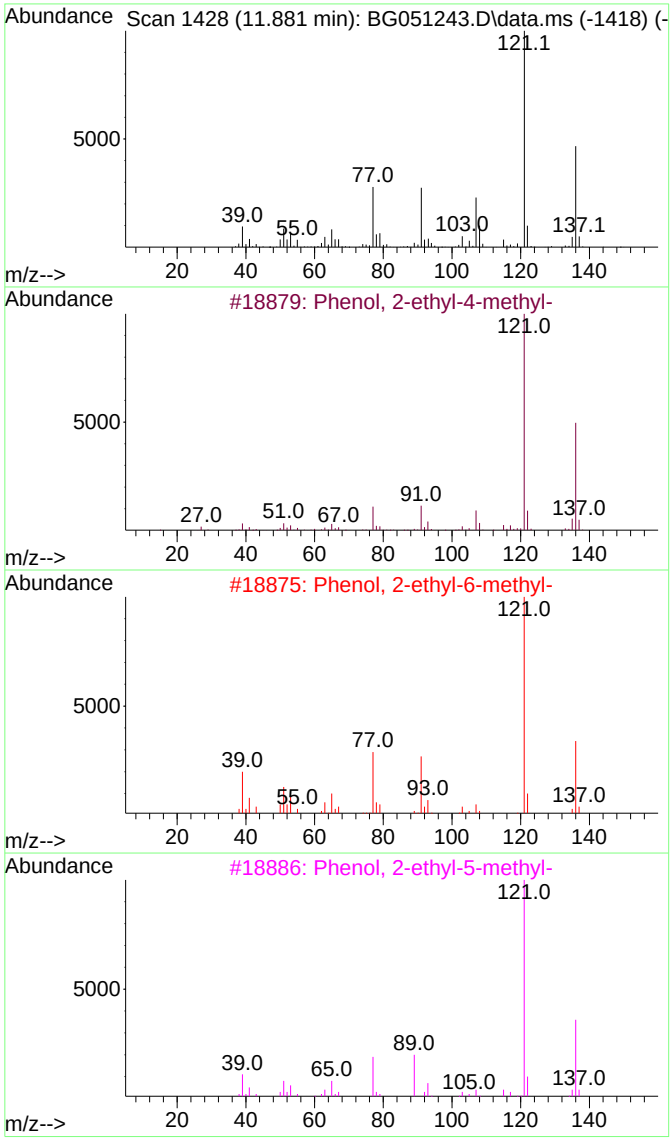
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

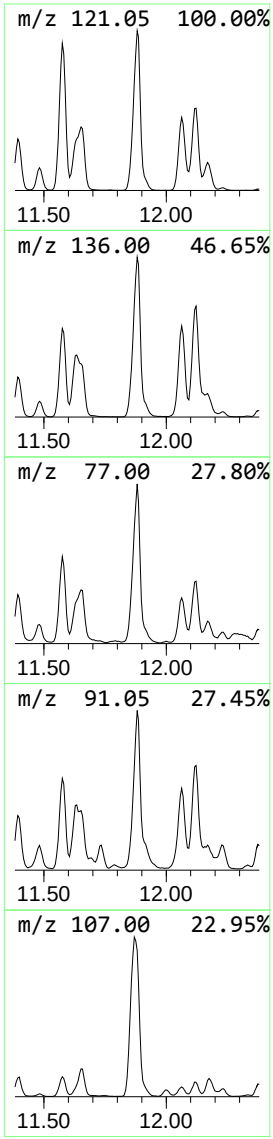
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Phenol, 2-ethyl-4-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.881 | 152.84 ng/ul | 4708810 | Naphthalene-d8 | 11.064 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-ethyl-4-methyl- | 136 | C9H12O | 003855-26-3 | 87 |
| 2 | Phenol, 2-ethyl-6-methyl- | 136 | C9H12O | 001687-64-5 | 87 |
| 3 | Phenol, 2-ethyl-5-methyl- | 136 | C9H12O | 001687-61-2 | 87 |
| 4 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 87 |
| 5 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

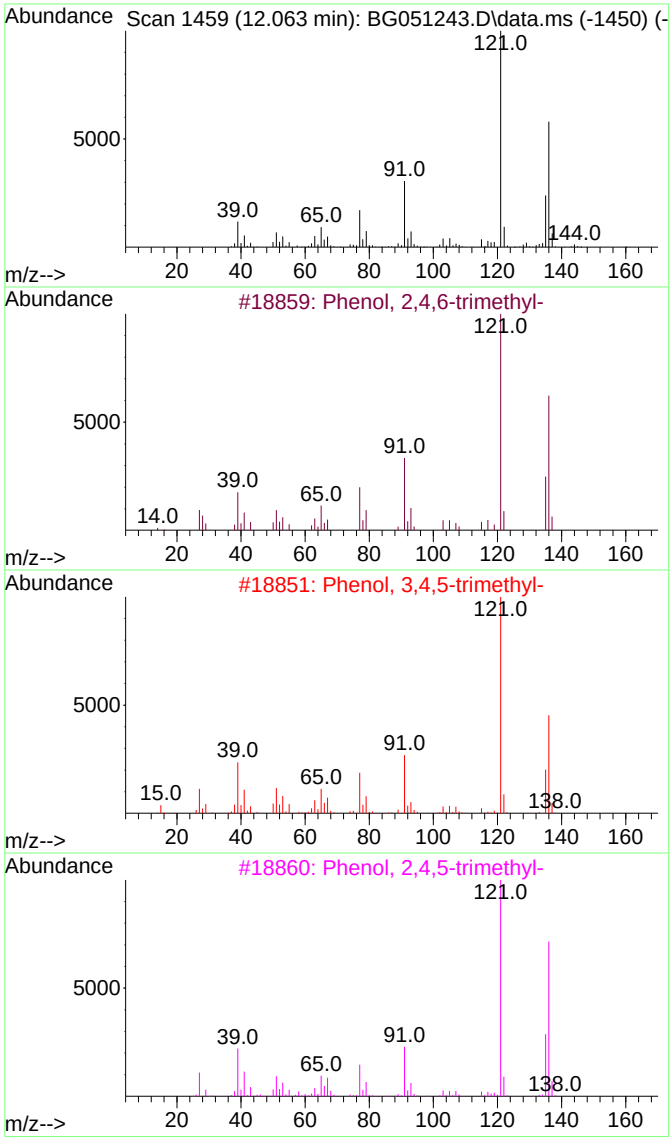
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

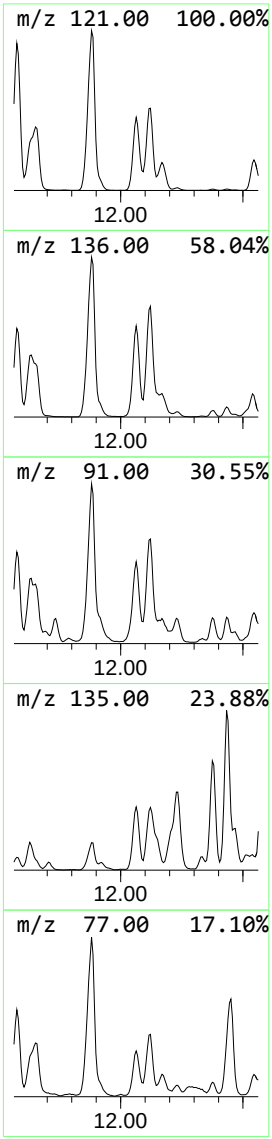
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 Phenol, 2,4,6-trimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.063 | 64.42 ng/ul | 1984650 | Naphthalene-d8 | 11.064 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 94 |
| 2 | Phenol, 3,4,5-trimethyl- | 136 | C9H12O | 000527-54-8 | 91 |
| 3 | Phenol, 2,4,5-trimethyl- | 136 | C9H12O | 000496-78-6 | 91 |
| 4 | Phenol, 3,4,5-trimethyl- | 136 | C9H12O | 000527-54-8 | 90 |
| 5 | Phenol, 2,3,5-trimethyl- | 136 | C9H12O | 000697-82-5 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

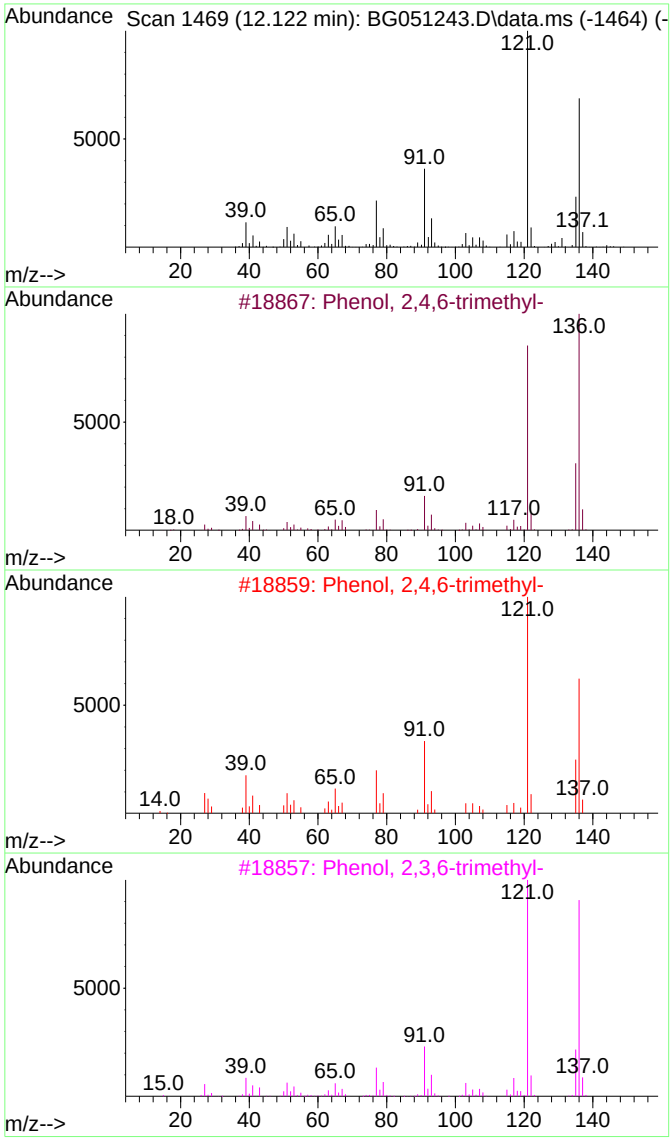
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

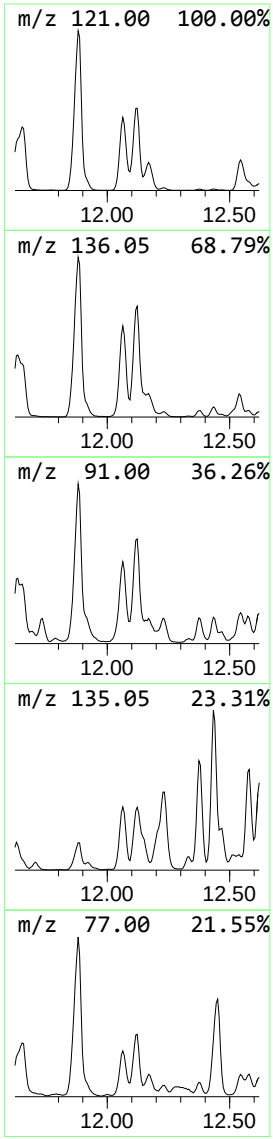
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 Phenol, 2,3,6-trimethyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.122 | 62.06 ng/ul | 1911940 | Naphthalene-d8 | 11.064 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 97 |
| 2 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 96 |
| 3 | Phenol, 2,3,6-trimethyl- | 136 | C9H12O | 002416-94-6 | 95 |
| 4 | Phenol, 2,3,5-trimethyl- | 136 | C9H12O | 000697-82-5 | 95 |
| 5 | Phenol, 2,3,6-trimethyl- | 136 | C9H12O | 002416-94-6 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

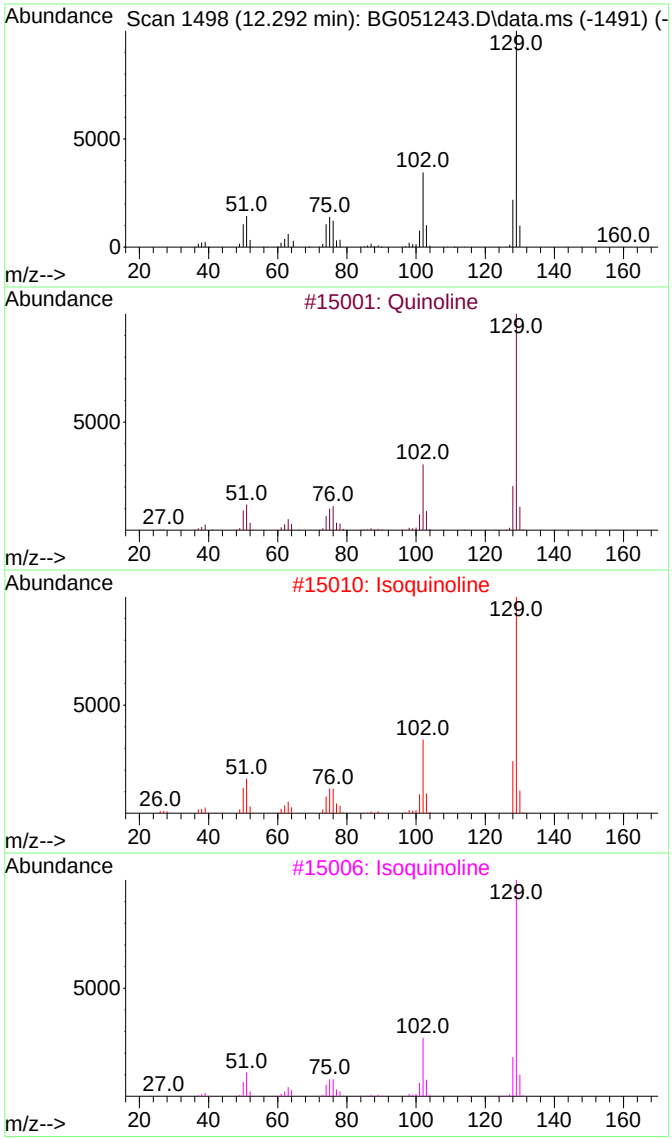
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

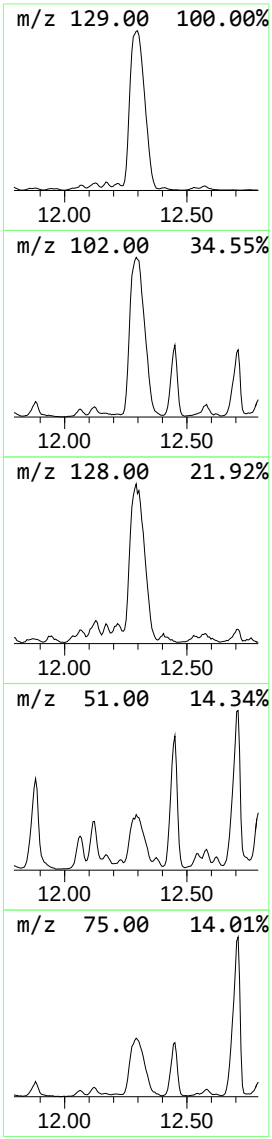
**********

Peak Number 27 Quinoline Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.292 | 51.27 ng/ul | 1579670 | Naphthalene-d8 | 11.064 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Quinoline | 129 | C9H7N | 000091-22-5 | 97 |
| 2 | Isoquinoline | 129 | C9H7N | 000119-65-3 | 96 |
| 3 | Isoquinoline | 129 | C9H7N | 000119-65-3 | 96 |
| 4 | Quinoline | 129 | C9H7N | 000091-22-5 | 95 |
| 5 | Isoquinoline | 129 | C9H7N | 000119-65-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

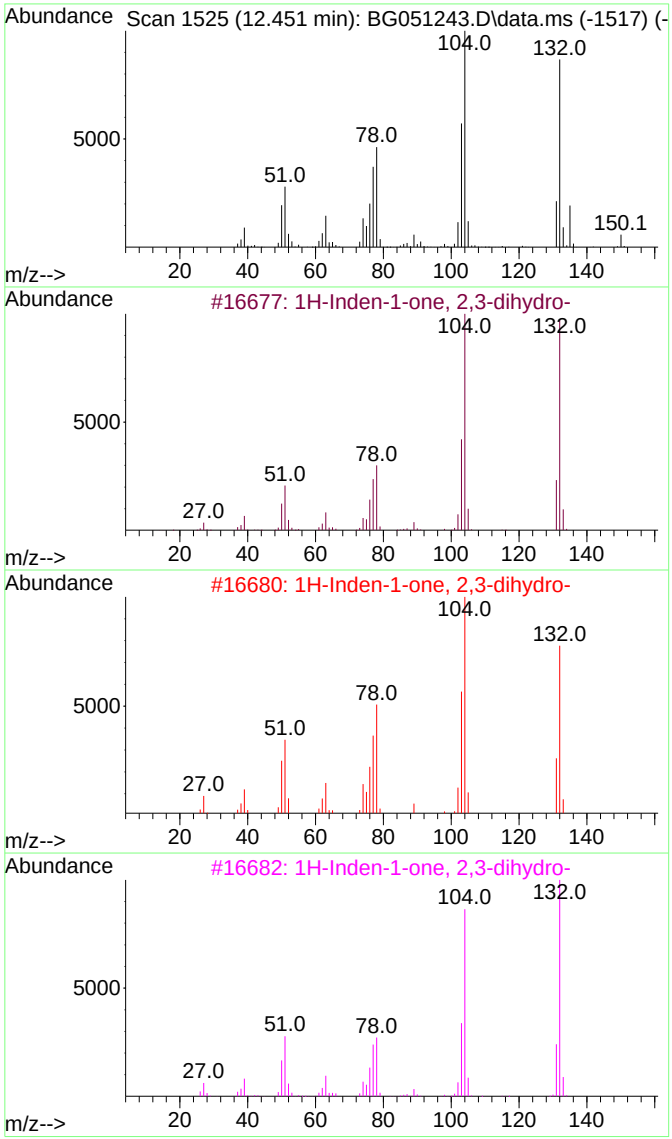
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

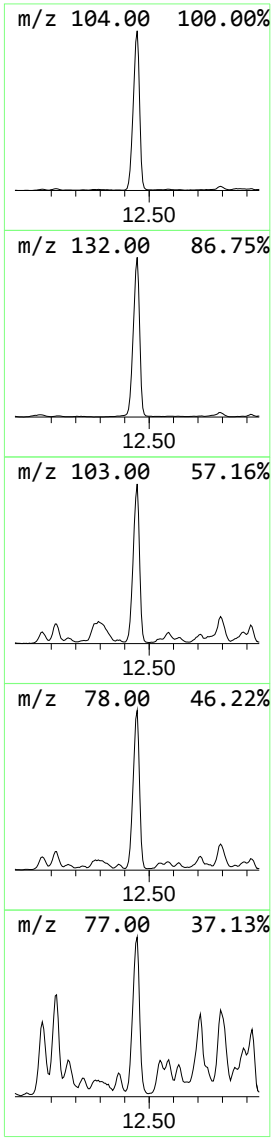
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.451 | 101.20 ng/ul | 3117960 | Naphthalene-d8 | 11.064 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 96 |
| 2 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 95 |
| 3 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 94 |
| 4 | N-Ethylbenzimidoyl bromide | 211 | C9H10BrN | 041182-87-0 | 64 |
| 5 | 2H-Inden-2-one, 1,3-dihydro- | 132 | C9H8O | 000615-13-4 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

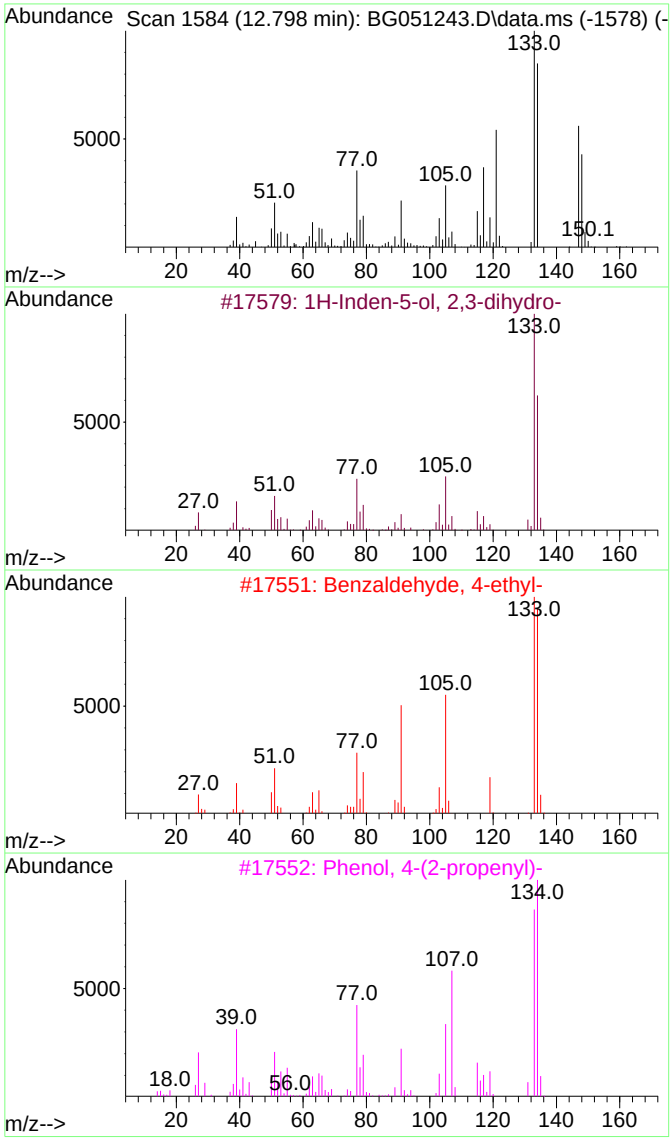
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

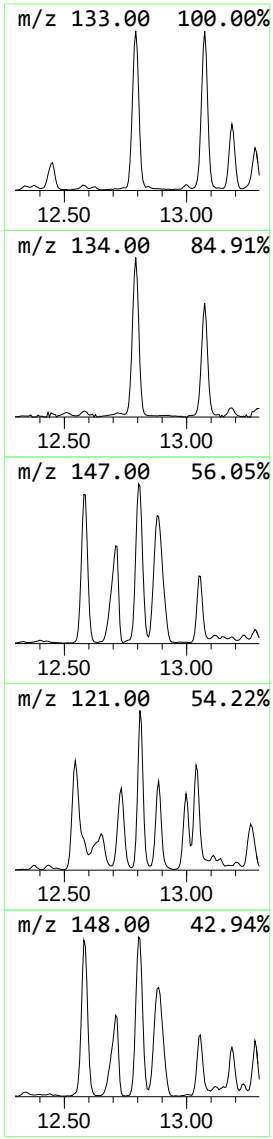
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 1H-Inden-5-ol, 2,3-dihydro- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.797 | 55.41 ng/ul | 1707140 | Naphthalene-d8 | 11.064 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Inden-5-ol, 2,3-dihydro- | 134 | C9H10O | 001470-94-6 | 92 |
| 2 | Benzaldehyde, 4-ethyl- | 134 | C9H10O | 004748-78-1 | 60 |
| 3 | Phenol, 4-(2-propenyl)- | 134 | C9H10O | 000501-92-8 | 55 |
| 4 | Ethanone, 1-(3,4-dimethylphenyl)- | 148 | C10H12O | 003637-01-2 | 50 |
| 5 | Benzaldehyde, 4-ethyl- | 134 | C9H10O | 004748-78-1 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

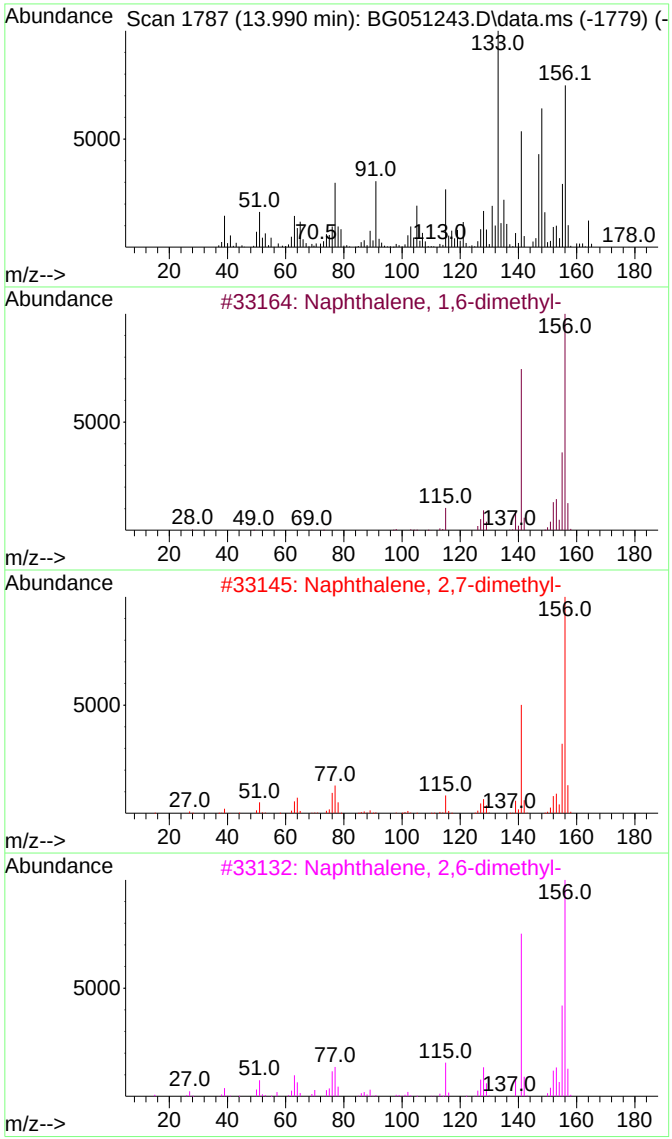
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

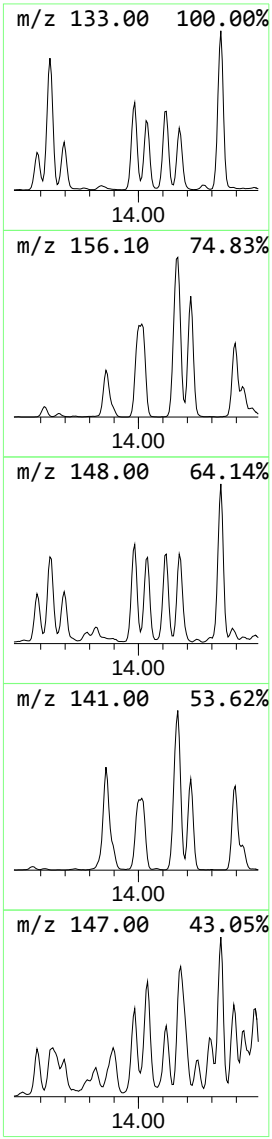
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 Naphthalene, 1,6-dimethyl- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.990 | 45.03 ng/ul | 1899930 | Acenaphthene-d10 | 14.836 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 86 |
| 2 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 80 |
| 3 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 80 |
| 4 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 76 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

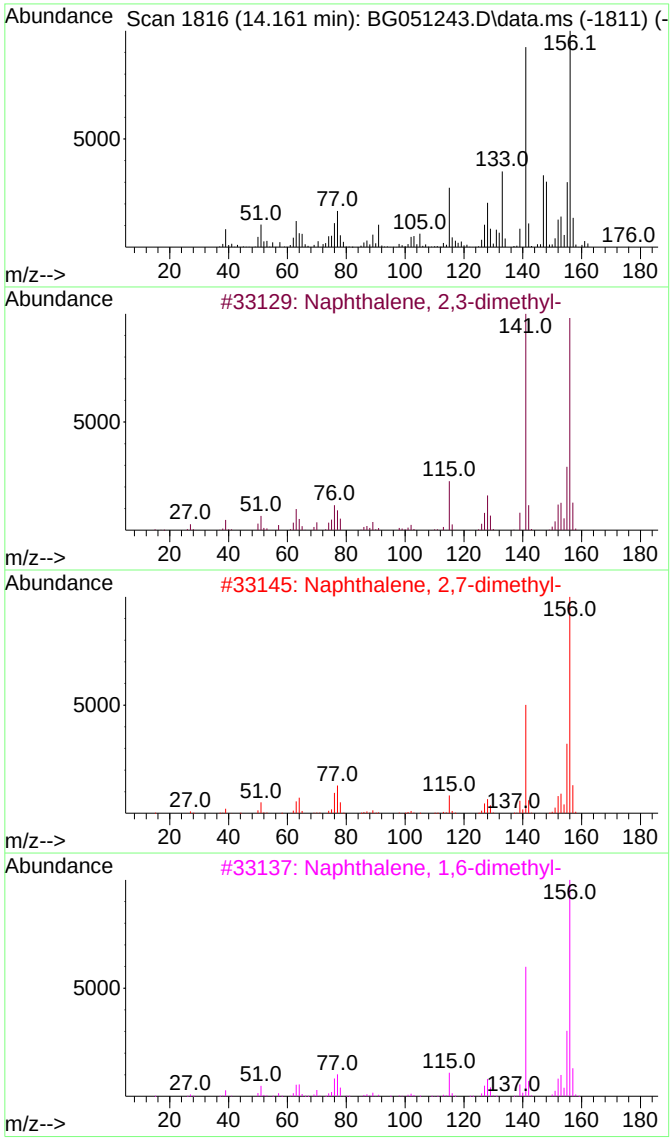
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

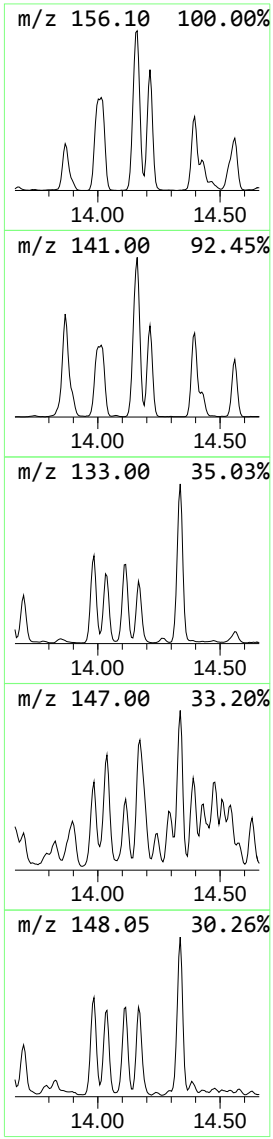
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 Naphthalene, 2,3-dimethyl- Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.161 | 42.37 ng/ul | 1787960 | Acenaphthene-d10 | 14.836 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 5 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

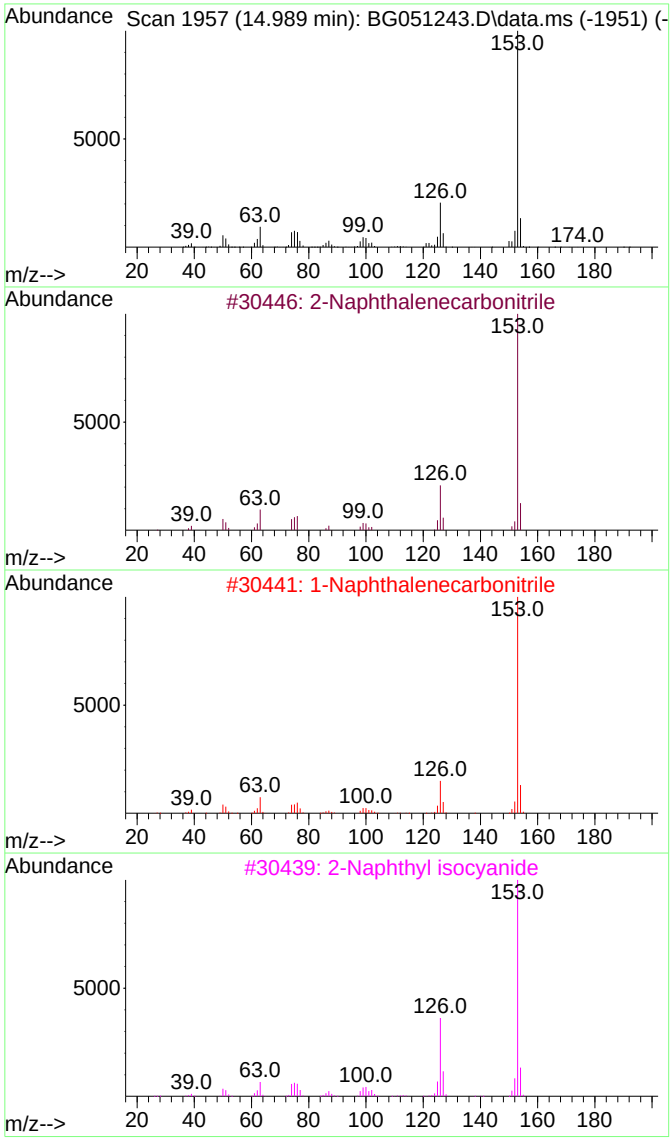
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

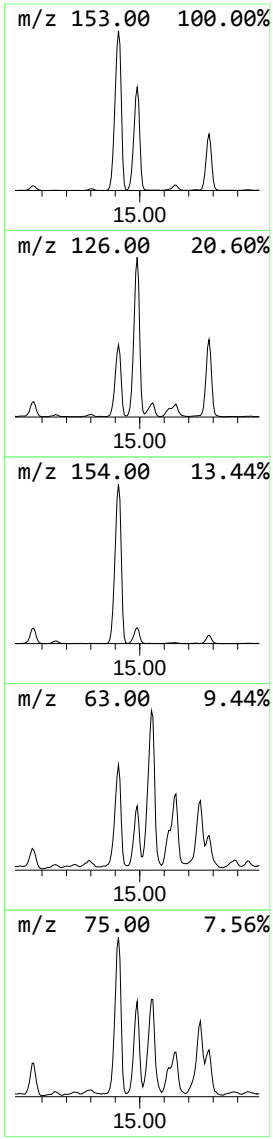
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 2-Naphthalenecarbonitrile Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.989 | 44.48 ng/ul | 1876860 | Acenaphthene-d10 | 14.836 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Naphthalenecarbonitrile | 153 | C11H7N | 000613-46-7 | 97 |
| 2 | 1-Naphthalenecarbonitrile | 153 | C11H7N | 000086-53-3 | 93 |
| 3 | 2-Naphthyl isocyanide | 153 | C11H7N | 010124-78-4 | 93 |
| 4 | 1-Naphthalenecarbonitrile | 153 | C11H7N | 000086-53-3 | 91 |
| 5 | 2-Naphthalenecarbonitrile | 153 | C11H7N | 000613-46-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

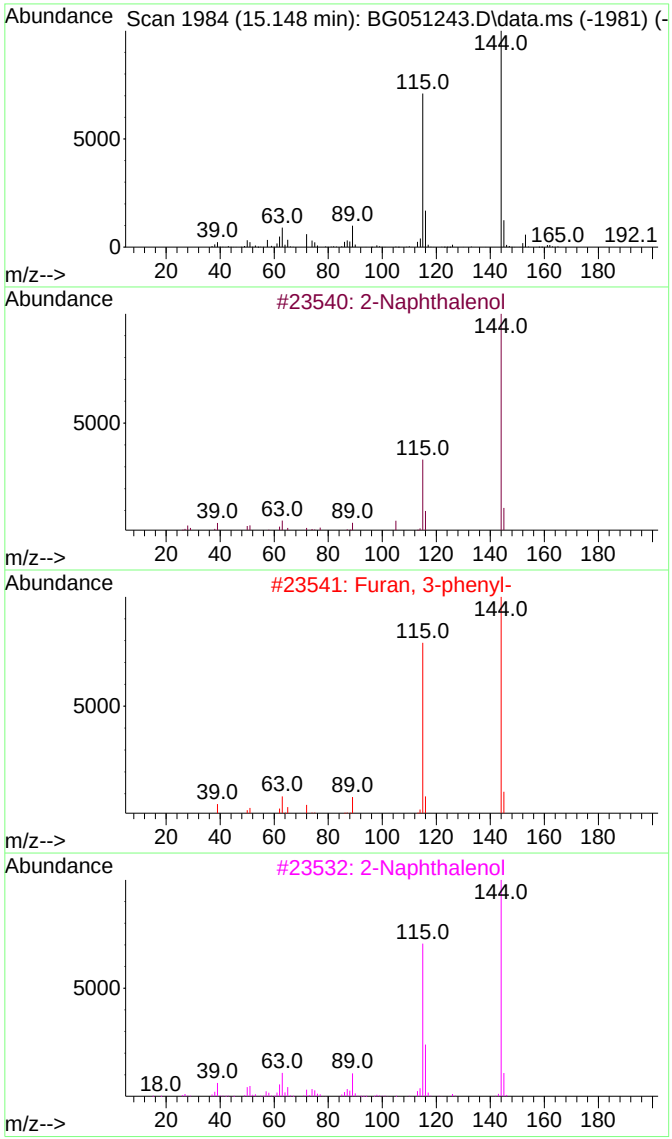
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

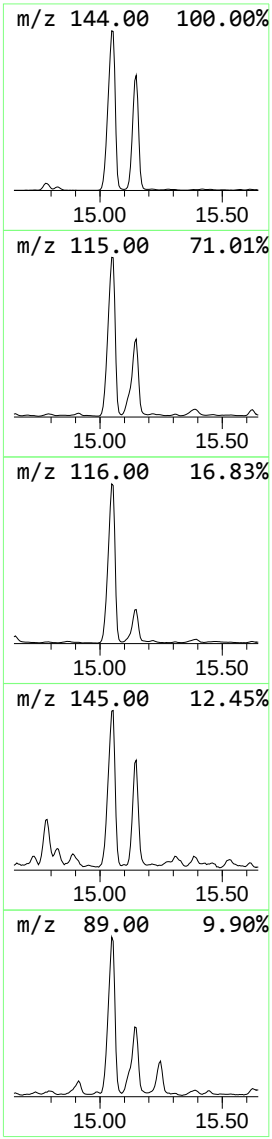
**********

Peak Number 43 2-Naphthalenol Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.148 | 49.11 ng/ul | 2072250 | Acenaphthene-d10 | 14.836 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Naphthalenol | 144 | C10H8O | 000135-19-3 | 91 |
| 2 | Furan, 3-phenyl- | 144 | C10H8O | 013679-41-9 | 91 |
| 3 | 2-Naphthalenol | 144 | C10H8O | 000135-19-3 | 91 |
| 4 | 2-Naphthalenol | 144 | C10H8O | 000135-19-3 | 90 |
| 5 | 1-Naphthalenol | 144 | C10H8O | 000090-15-3 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

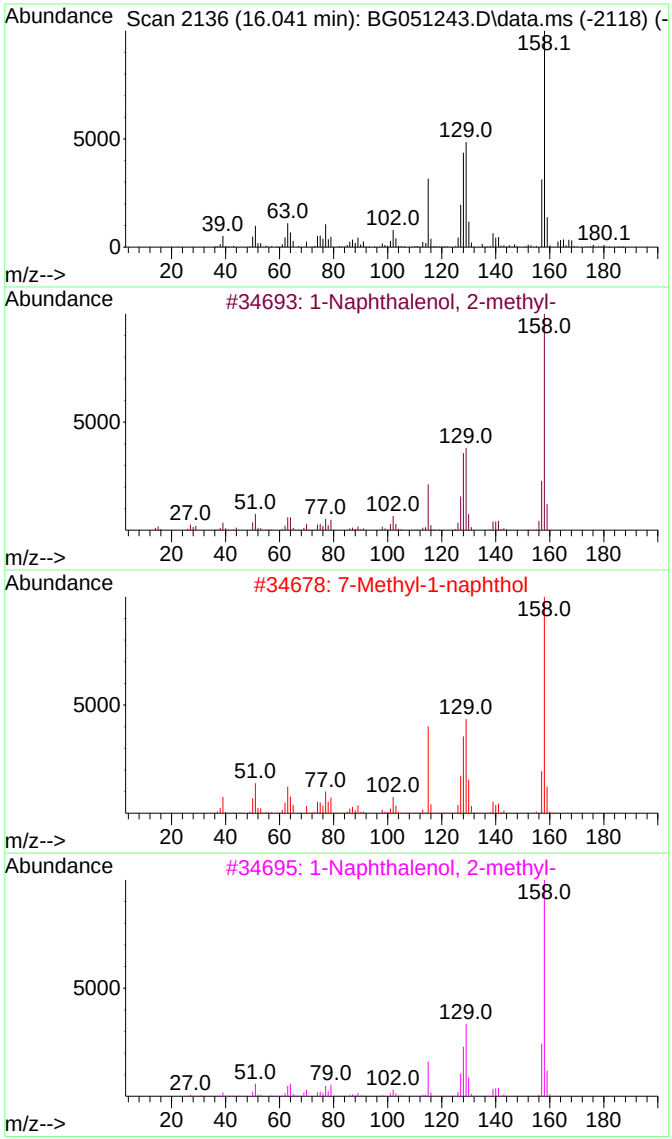
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

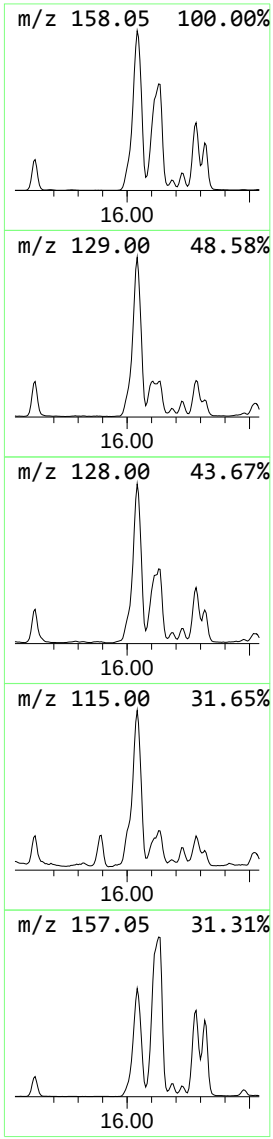
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 46 1-Naphthalenol, 2-methyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.041 | 178.63 ng/ul | 7537420 | Acenaphthene-d10 | 14.836 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Naphthalenol, 2-methyl- | 158 | C11H10O | 007469-77-4 | 96 |
| 2 | 7-Methyl-1-naphthol | 158 | C11H10O | 006939-33-9 | 96 |
| 3 | 1-Naphthalenol, 2-methyl- | 158 | C11H10O | 007469-77-4 | 95 |
| 4 | 1-Methyl-2-naphthol | 158 | C11H10O | 001076-26-2 | 72 |
| 5 | Phenol, 3-chloro-5-methoxy- | 158 | C7H7ClO2 | 065262-96-6 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

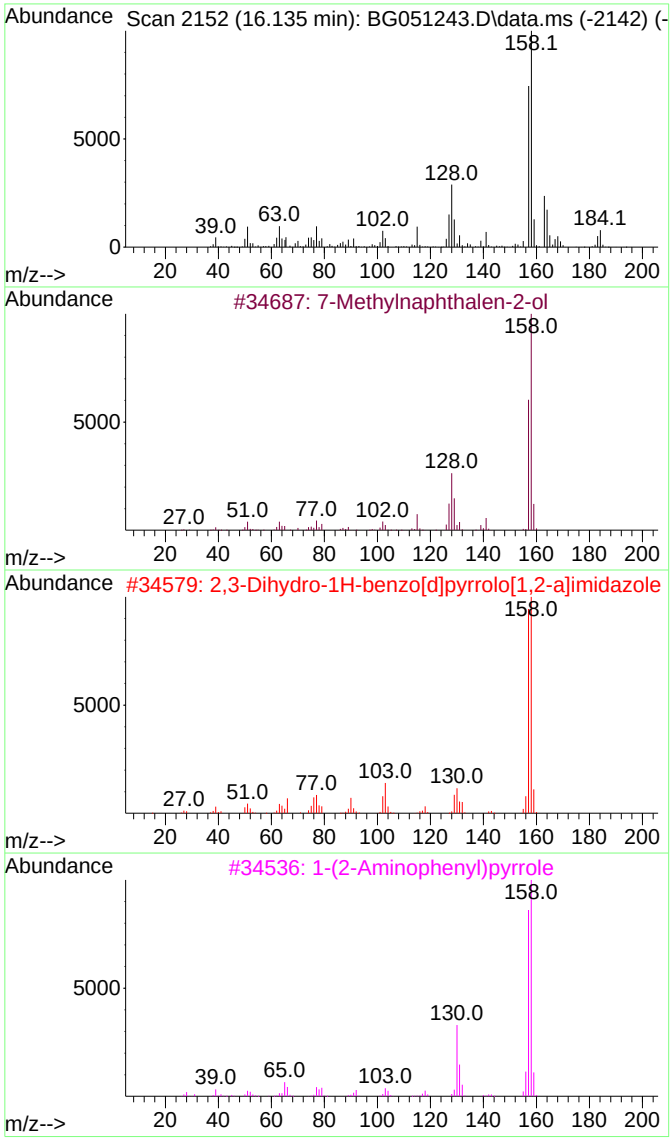
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

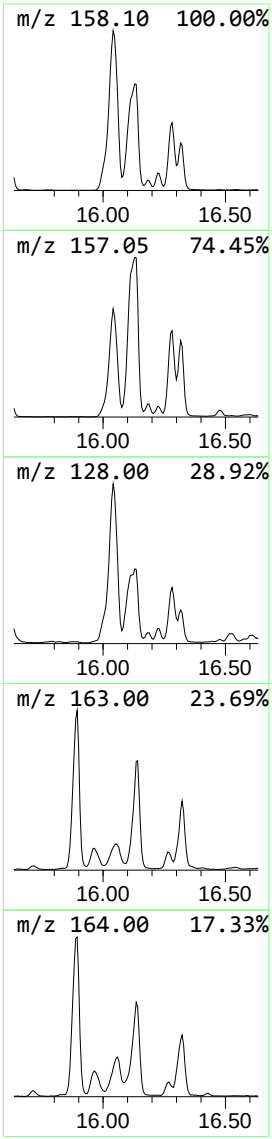
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 47 7-Methylnaphthalen-2-ol Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.135 | 104.07 ng/ul | 4391500 | Acenaphthene-d10 | 14.836 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-Methylnaphthalen-2-ol | 158 | C11H10O | 026593-50-0 | 96 |
| 2 | 2,3-Dihydro-1H-benzo[d]pyrrolo[1... | 158 | C10H10N2 | 1000443-06-8 | 58 |
| 3 | 1-(2-Aminophenyl)pyrrole | 158 | C10H10N2 | 006025-60-1 | 50 |
| 4 | 1-Naphthalenol, 2-methyl- | 158 | C11H10O | 007469-77-4 | 43 |
| 5 | 7-Methyl-1-naphthol | 158 | C11H10O | 006939-33-9 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

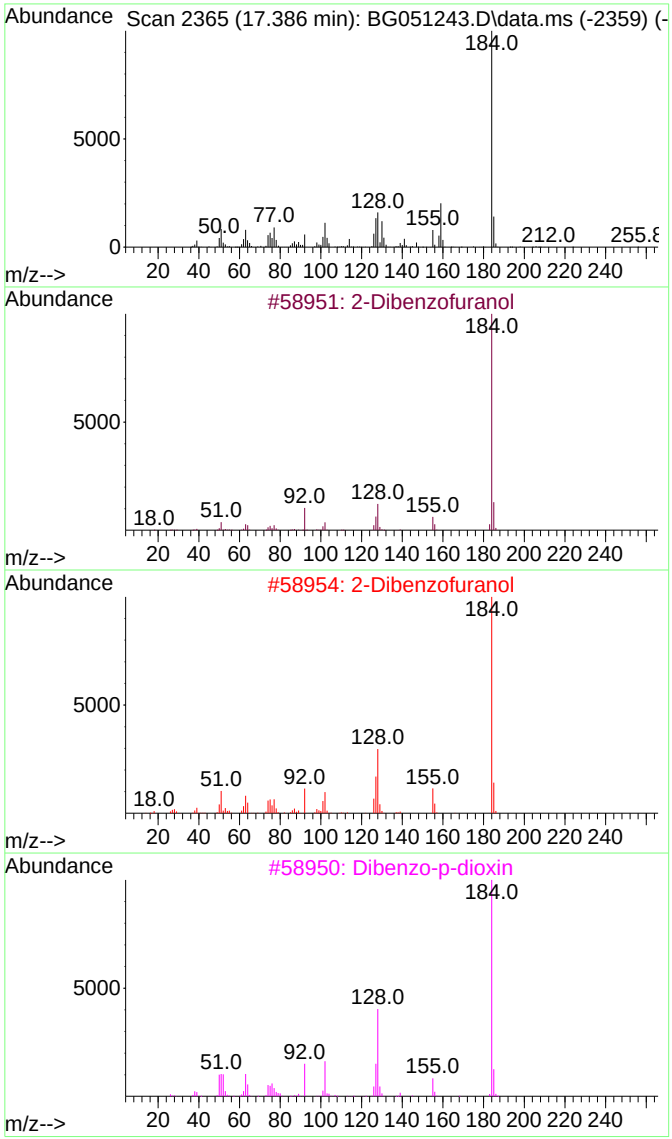
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

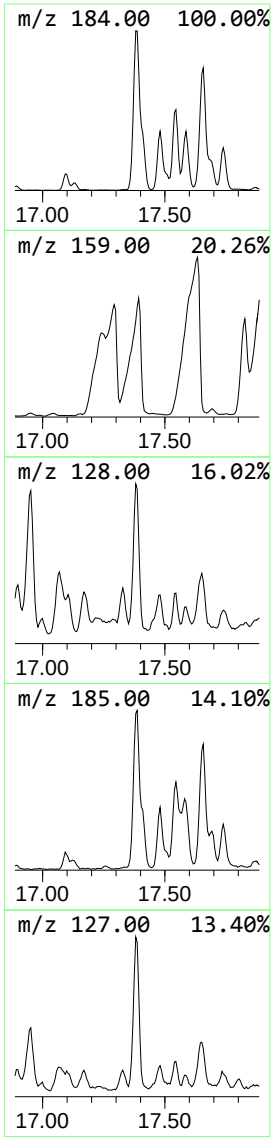
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 55 2-Dibenzofuranol Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.386 | 40.68 ng/ul | 2702540 | Phenanthrene-d10 | 17.592 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Dibenzofuranol | 184 | C12H8O2 | 000086-77-1 | 76 |
| 2 | 2-Dibenzofuranol | 184 | C12H8O2 | 000086-77-1 | 70 |
| 3 | Dibenzo-p-dioxin | 184 | C12H8O2 | 000262-12-4 | 70 |
| 4 | 2-Dibenzofuranol | 184 | C12H8O2 | 000086-77-1 | 62 |
| 5 | Dibenzo-p-dioxin | 184 | C12H8O2 | 000262-12-4 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

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

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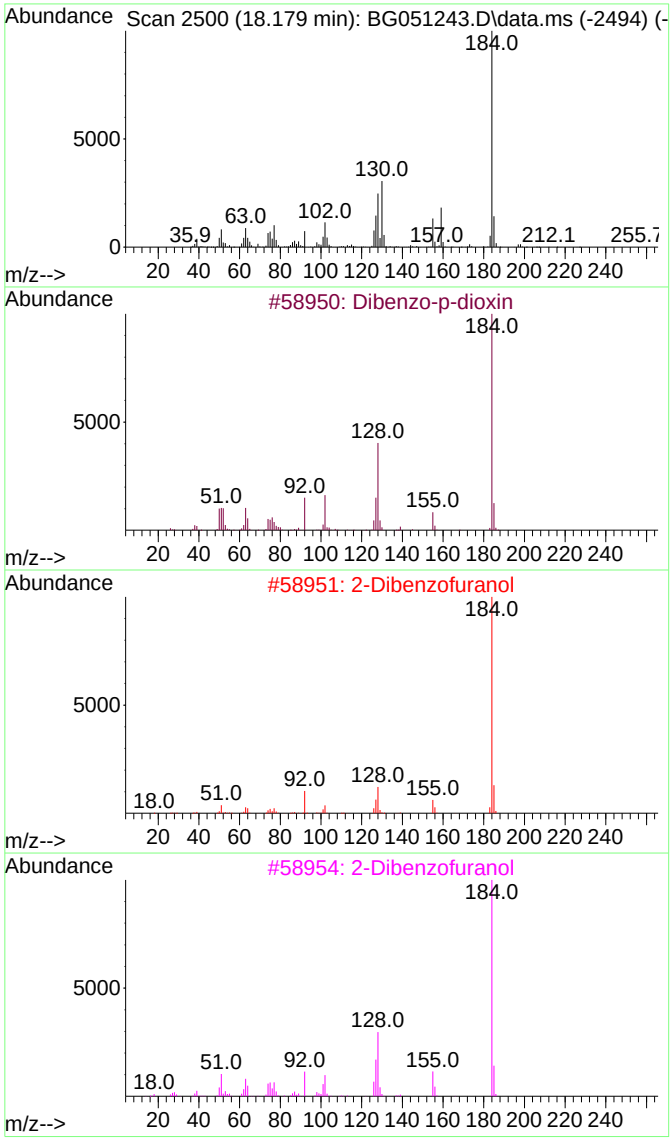
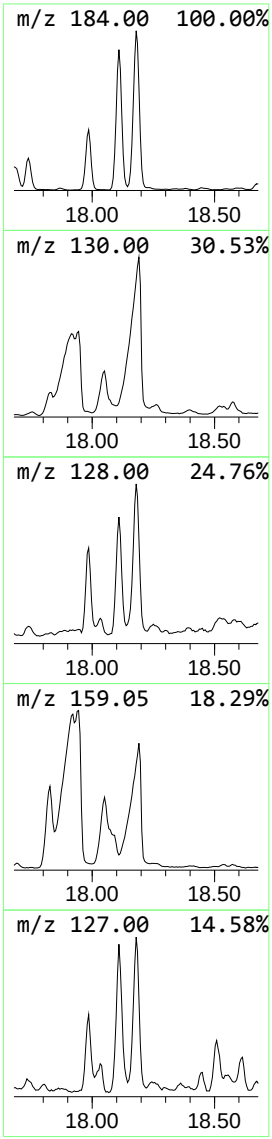
Peak Number 59 Dibenzo-p-dioxin Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.179 | 56.61 ng/ul | 3761380 | Phenanthrene-d10 | 17.592 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzo-p-dioxin | 184 | C12H8O2 | 000262-12-4 | 89 |
| 2 | 2-Dibenzofuranol | 184 | C12H8O2 | 000086-77-1 | 81 |
| 3 | 2-Dibenzofuranol | 184 | C12H8O2 | 000086-77-1 | 81 |
| 4 | Dibenzo-p-dioxin | 184 | C12H8O2 | 000262-12-4 | 76 |
| 5 | Dibenzo-p-dioxin | 184 | C12H8O2 | 000262-12-4 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

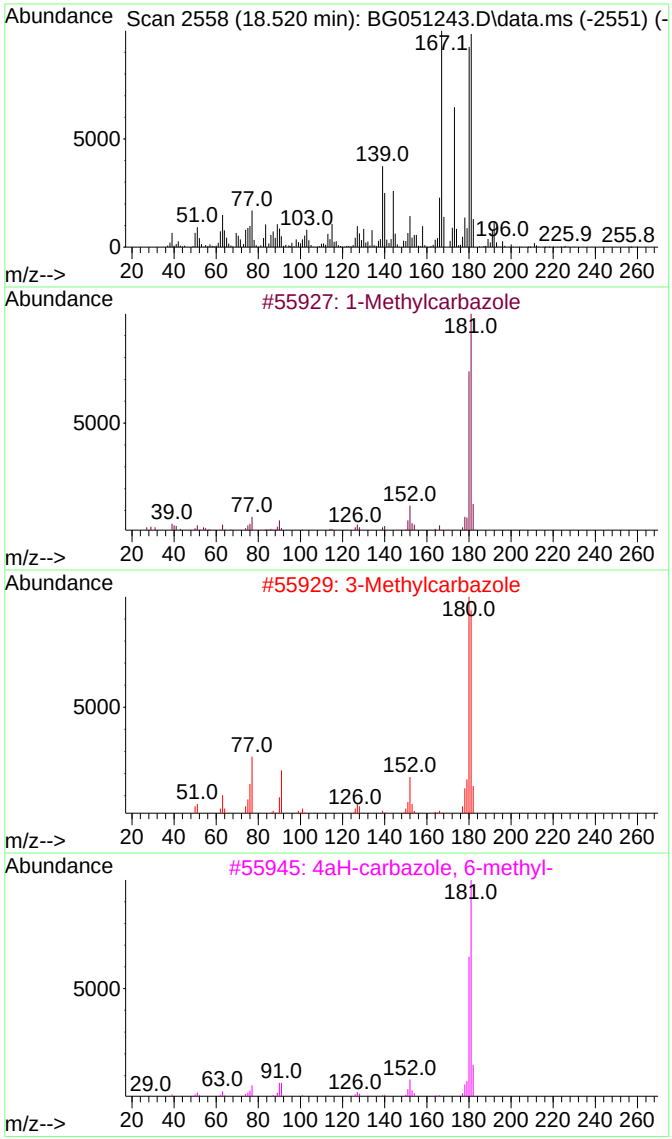
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

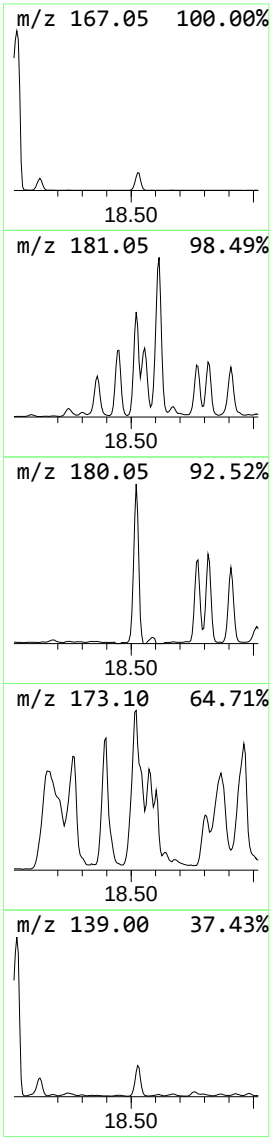
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 62 1-Methylcarbazole Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.520 | 53.51 ng/ul | 3555290 | Phenanthrene-d10 | 17.592 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Methylcarbazole | 181 | C13H11N | 006510-65-2 | 83 |
| 2 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 83 |
| 3 | 4aH-carbazole, 6-methyl- | 181 | C13H11N | 1000404-86-1 | 53 |
| 4 | 4-Methylcarbazole | 181 | C13H11N | 003770-48-7 | 46 |
| 5 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

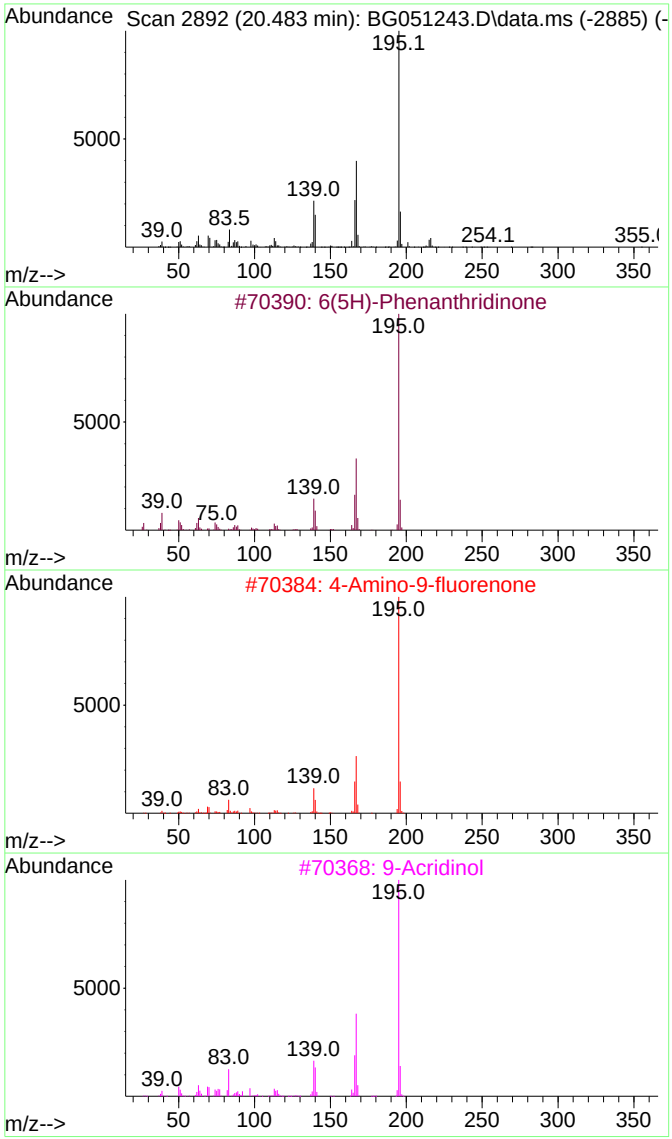
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

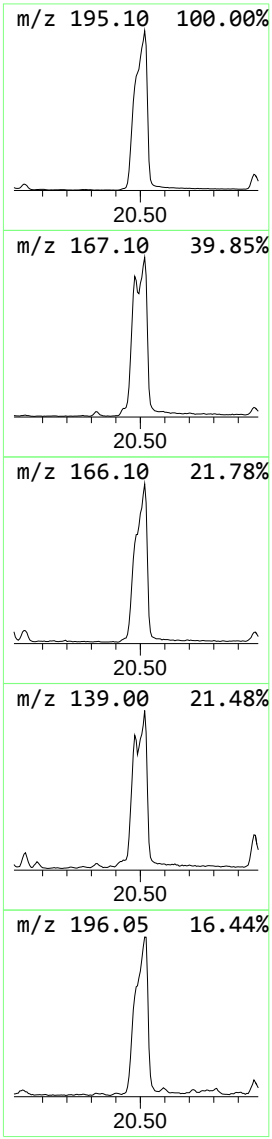
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 67 6(5H)-Phenanthridinone Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.483 | 42.92 ng/ul | 1445400 | Chrysene-d12 | 21.887 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6(5H)-Phenanthridinone | 195 | C13H9NO | 001015-89-0 | 97 |
| 2 | 4-Amino-9-fluorenone | 195 | C13H9NO | 004269-15-2 | 95 |
| 3 | 9-Acridinol | 195 | C13H9NO | 000643-62-9 | 94 |
| 4 | 3-Acridinol | 195 | C13H9NO | 007132-70-9 | 94 |
| 5 | 9(10H)-Acridinone | 195 | C13H9NO | 000578-95-0 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

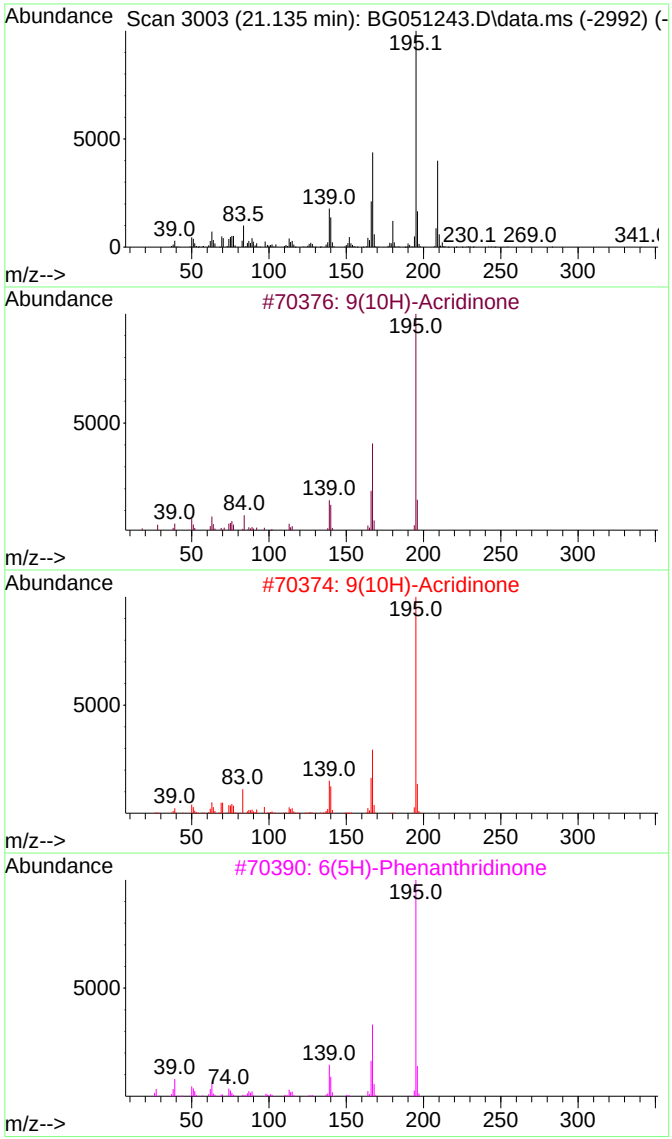
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

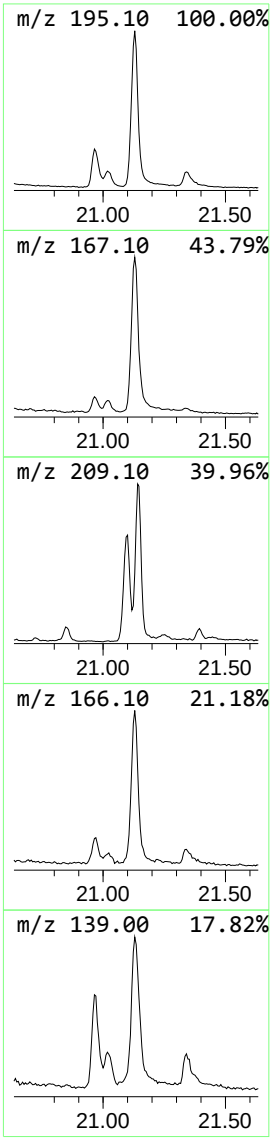
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 68 9(10H)-Acridinone Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.135 | 52.14 ng/ul | 1755820 | Chrysene-d12 | 21.887 |

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



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051243.D
Acq On : 25 Nov 2021 13:55
Operator : CG/JU
Sample : M4779-06
Misc :
ALS Vial : 67 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.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 |
| Benzene, 1,3-di... | 5.806 | 79.2 | ng/ul | 4289050 | 1 | 8.203 | 1083350 | 20.0 |
| Mesitylene | 7.839 | 56.6 | ng/ul | 3067360 | 1 | 8.203 | 1083350 | 20.0 |
| Benzofuran | 7.927 | 73.3 | ng/ul | 3970730 | 1 | 8.203 | 1083350 | 20.0 |
| Indane | 8.585 | 140.7 | ng/ul | 7621220 | 1 | 8.203 | 1083350 | 20.0 |
| Indene | 8.761 | 164.1 | ng/ul | 8890070 | 1 | 8.203 | 1083350 | 20.0 |
| Phenol, 2,6-dim... | 9.648 | 77.1 | ng/ul | 2375170 | 2 | 11.064 | 616195 | 20.0 |
| Benzofuran, 2-m... | 9.695 | 74.8 | ng/ul | 2306050 | 2 | 11.064 | 616195 | 20.0 |
| Benzene, 2-ethe... | 10.418 | 111.8 | ng/ul | 3445310 | 2 | 11.064 | 616195 | 20.0 |
| 1H-Indene, 1-me... | 10.518 | 69.4 | ng/ul | 2138330 | 2 | 11.064 | 616195 | 20.0 |
| Phenol, 3,5-dim... | 10.600 | 154.4 | ng/ul | 4757170 | 2 | 11.064 | 616195 | 20.0 |
| Benzo[c]thiophene | 11.311 | 303.5 | ng/ul | 9352090 | 2 | 11.064 | 616195 | 20.0 |
| Phenol, 2-ethyl... | 11.393 | 36.6 | ng/ul | 1128450 | 2 | 11.064 | 616195 | 20.0 |
| Phenol, 4-ethyl... | 11.575 | 77.3 | ng/ul | 2380490 | 2 | 11.064 | 616195 | 20.0 |
| Phenol, 2-ethyl... | 11.881 | 152.8 | ng/ul | 4708810 | 2 | 11.064 | 616195 | 20.0 |
| Phenol, 2,4,6-t... | 12.063 | 64.4 | ng/ul | 1984650 | 2 | 11.064 | 616195 | 20.0 |
| Phenol, 2,3,6-t... | 12.122 | 62.1 | ng/ul | 1911940 | 2 | 11.064 | 616195 | 20.0 |
| Quinoline | 12.292 | 51.3 | ng/ul | 1579670 | 2 | 11.064 | 616195 | 20.0 |
| 1H-Inden-1-one,... | 12.451 | 101.2 | ng/ul | 3117960 | 2 | 11.064 | 616195 | 20.0 |
| 1H-Inden-5-ol, ... | 12.797 | 55.4 | ng/ul | 1707140 | 2 | 11.064 | 616195 | 20.0 |
| Naphthalene, 1,... | 13.990 | 45.0 | ng/ul | 1899930 | 3 | 14.836 | 843926 | 20.0 |
| Naphthalene, 2,... | 14.161 | 42.4 | ng/ul | 1787960 | 3 | 14.836 | 843926 | 20.0 |
| 2-Naphthaleneca... | 14.989 | 44.5 | ng/ul | 1876860 | 3 | 14.836 | 843926 | 20.0 |
| 2-Naphthalenol | 15.148 | 49.1 | ng/ul | 2072250 | 3 | 14.836 | 843926 | 20.0 |
| 1-Naphthalenol,... | 16.041 | 178.6 | ng/ul | 7537420 | 3 | 14.836 | 843926 | 20.0 |
| 7-Methylnaphtha... | 16.135 | 104.1 | ng/ul | 4391500 | 3 | 14.836 | 843926 | 20.0 |
| 2-Dibenzofuranol | 17.386 | 40.7 | ng/ul | 2702540 | 4 | 17.592 | 1328790 | 20.0 |
| Dibenzo-p-dioxin | 18.179 | 56.6 | ng/ul | 3761380 | 4 | 17.592 | 1328790 | 20.0 |
| 1-Methylcarbazole | 18.520 | 53.5 | ng/ul | 3555290 | 4 | 17.592 | 1328790 | 20.0 |
| 6(5H)-Phenanthr... | 20.483 | 42.9 | ng/ul | 1445400 | 5 | 21.887 | 673509 | 20.0 |
| 9(10H)-Acridinone | 21.135 | 52.1 | ng/ul | 1755820 | 5 | 21.887 | 673509 | 20.0 |