LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

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: BG051261.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.316 | 134 | 141 | 150 | rBV | 67613 | 113412 | 1.62% | 0.383% |
| 2 | 5.668 | 364 | 371 | 377 | rBV | 63658 | 107442 | 1.54% | 0.363% |
| 3 | 5.803 | 387 | 394 | 407 | rBV | 72300 | 154883 | 2.22% | 0.523% |
| 4 | 7.918 | 746 | 754 | 762 | rBV | 139199 | 242649 | 3.48% | 0.819% |
| 5 | 8.200 | 796 | 802 | 812 | rVB | 131876 | 232822 | 3.34% | 0.786% |
| 6 | 8.576 | 858 | 866 | 873 | rVV | 298145 | 520776 | 7.46% | 1.758% |
| 7 | 8.652 | 873 | 879 | 887 | rVB | 56453 | 99612 | 1.43% | 0.336% |
| 8 | 8.740 | 887 | 894 | 905 | rBV | 317833 | 582276 | 8.34% | 1.965% |
| 9 | 9.058 | 941 | 948 | 953 | rBV | 55110 | 98640 | 1.41% | 0.333% |
| 10 | 9.387 | 997 | 1004 | 1009 | rBV2 | 49021 | 93125 | 1.33% | 0.314% |
| 11 | 9.440 | 1009 | 1013 | 1021 | rVB4 | 41108 | 77579 | 1.11% | 0.262% |
| 12 | 9.639 | 1040 | 1047 | 1050 | rBV | 55176 | 99452 | 1.42% | 0.336% |
| 13 | 9.692 | 1050 | 1056 | 1062 | rVV | 57502 | 138274 | 1.98% | 0.467% |
| 14 | 10.192 | 1134 | 1141 | 1145 | rBV | 101221 | 190747 | 2.73% | 0.644% |
| 15 | 10.227 | 1145 | 1147 | 1157 | rVB4 | 51918 | 80163 | 1.15% | 0.271% |
| 16 | 10.374 | 1164 | 1172 | 1177 | rBV | 179947 | 322064 | 4.61% | 1.087% |
| 17 | 10.433 | 1177 | 1182 | 1188 | rVB4 | 60087 | 122864 | 1.76% | 0.415% |
| 18 | 10.503 | 1188 | 1194 | 1200 | rBV | 140274 | 250603 | 3.59% | 0.846% |
| 19 | 10.662 | 1211 | 1221 | 1228 | rVB3 | 70092 | 148205 | 2.12% | 0.500% |
| 20 | 11.038 | 1273 | 1285 | 1287 | rBV | 171260 | 328592 | 4.71% | 1.109% |
| 21 | 11.097 | 1287 | 1295 | 1302 | rVB | 3321806 | 6979706 | 100.00% | 23.559% |
| 22 | 11.167 | 1302 | 1307 | 1310 | rBV | 148012 | 269508 | 3.86% | 0.910% |
| 23 | 11.208 | 1310 | 1314 | 1321 | rVB | 311038 | 544108 | 7.80% | 1.837% |
| 24 | 11.384 | 1337 | 1344 | 1349 | rBV | 57305 | 108187 | 1.55% | 0.365% |
| 25 | 11.561 | 1367 | 1374 | 1379 | rBV | 98800 | 176083 | 2.52% | 0.594% |
| 26 | 11.619 | 1379 | 1384 | 1386 | rBV3 | 47096 | 88160 | 1.26% | 0.298% |
| 27 | 11.849 | 1416 | 1423 | 1429 | rBV | 165038 | 298970 | 4.28% | 1.009% |
| 28 | 12.043 | 1450 | 1456 | 1460 | rBV | 71672 | 130948 | 1.88% | 0.442% |
| 29 | 12.095 | 1460 | 1465 | 1469 | rVV | 87788 | 162743 | 2.33% | 0.549% |
| 30 | 12.137 | 1469 | 1472 | 1480 | rVV | 52301 | 100500 | 1.44% | 0.339% |
| 31 | 12.407 | 1513 | 1518 | 1525 | rBV2 | 72769 | 124706 | 1.79% | 0.421% |
| 32 | 12.565 | 1541 | 1545 | 1549 | rVV2 | 48961 | 100316 | 1.44% | 0.339% |
| 33 | 12.671 | 1558 | 1563 | 1567 | rVV | 67396 | 130941 | 1.88% | 0.442% |
| 34 | 12.712 | 1567 | 1570 | 1576 | rVV2 | 52924 | 111134 | 1.59% | 0.375% |
| 35 | 12.795 | 1576 | 1584 | 1590 | rVV2 | 183383 | 382482 | 5.48% | 1.291% |
| 36 | 12.889 | 1590 | 1600 | 1609 | rVB3 | 171583 | 365091 | 5.23% | 1.232% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

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 | 12.983 | 1609 | 1616 | 1620 | rBV | 60399 | 100996 | 1.45% | 0.341% |
| 38 | 13.059 | 1626 | 1629 | 1638 | rVV4 | 50809 | 122800 | 1.76% | 0.414% |
| 39 | 13.176 | 1644 | 1649 | 1655 | rVV4 | 44747 | 94288 | 1.35% | 0.318% |
| 40 | 13.247 | 1655 | 1661 | 1668 | rVV3 | 61989 | 135705 | 1.94% | 0.458% |
| 41 | 13.353 | 1675 | 1679 | 1686 | rVB | 49675 | 87951 | 1.26% | 0.297% |
| 42 | 13.576 | 1709 | 1717 | 1721 | rBV2 | 51917 | 102624 | 1.47% | 0.346% |
| 43 | 13.629 | 1721 | 1726 | 1734 | rVV3 | 83431 | 256458 | 3.67% | 0.866% |
| 44 | 13.688 | 1734 | 1736 | 1743 | rVB4 | 56514 | 82417 | 1.18% | 0.278% |
| 45 | 13.887 | 1762 | 1770 | 1778 | rVB7 | 33623 | 99810 | 1.43% | 0.337% |
| 46 | 13.976 | 1778 | 1785 | 1789 | rBV3 | 80929 | 174822 | 2.50% | 0.590% |
| 47 | 14.023 | 1790 | 1793 | 1800 | rVV3 | 61349 | 104892 | 1.50% | 0.354% |
| 48 | 14.099 | 1801 | 1806 | 1811 | rVV | 65562 | 105823 | 1.52% | 0.357% |
| 49 | 14.158 | 1811 | 1816 | 1824 | rVV6 | 89587 | 204472 | 2.93% | 0.690% |
| 50 | 14.228 | 1824 | 1828 | 1834 | rVB | 95618 | 148350 | 2.13% | 0.501% |
| 51 | 14.322 | 1840 | 1844 | 1850 | rVB2 | 62166 | 97128 | 1.39% | 0.328% |
| 52 | 14.387 | 1850 | 1855 | 1858 | rBV3 | 58374 | 97665 | 1.40% | 0.330% |
| 53 | 14.540 | 1872 | 1881 | 1890 | rVB3 | 143750 | 359919 | 5.16% | 1.215% |
| 54 | 14.775 | 1915 | 1921 | 1924 | rBV2 | 36287 | 78891 | 1.13% | 0.266% |
| 55 | 14.839 | 1924 | 1932 | 1937 | rVV | 302428 | 581437 | 8.33% | 1.963% |
| 56 | 14.904 | 1937 | 1943 | 1948 | rVV | 683504 | 1102362 | 15.79% | 3.721% |
| 57 | 14.974 | 1950 | 1955 | 1959 | rVB | 62626 | 102496 | 1.47% | 0.346% |
| 58 | 15.027 | 1959 | 1964 | 1970 | rVB | 106759 | 165902 | 2.38% | 0.560% |
| 59 | 15.104 | 1971 | 1977 | 1986 | rBV3 | 99832 | 241724 | 3.46% | 0.816% |
| 60 | 15.233 | 1994 | 1999 | 2007 | rVB | 375988 | 619992 | 8.88% | 2.093% |
| 61 | 15.709 | 2073 | 2080 | 2087 | rBV2 | 68226 | 128715 | 1.84% | 0.434% |
| 62 | 15.826 | 2090 | 2100 | 2104 | rBV | 125561 | 208899 | 2.99% | 0.705% |
| 63 | 15.885 | 2104 | 2110 | 2117 | rVB | 422885 | 698870 | 10.01% | 2.359% |
| 64 | 16.026 | 2125 | 2134 | 2140 | rBV | 168874 | 427483 | 6.12% | 1.443% |
| 65 | 16.097 | 2140 | 2146 | 2147 | rBV3 | 86666 | 127077 | 1.82% | 0.429% |
| 66 | 16.173 | 2155 | 2159 | 2170 | rVB6 | 44147 | 124064 | 1.78% | 0.419% |
| 67 | 16.267 | 2170 | 2175 | 2178 | rBV | 94311 | 161927 | 2.32% | 0.547% |
| 68 | 16.308 | 2178 | 2182 | 2192 | rVB7 | 96785 | 240686 | 3.45% | 0.812% |
| 69 | 16.567 | 2218 | 2226 | 2233 | rVB2 | 127908 | 254027 | 3.64% | 0.857% |
| 70 | 16.761 | 2253 | 2259 | 2264 | rBV | 143968 | 239102 | 3.43% | 0.807% |
| 71 | 16.837 | 2265 | 2272 | 2277 | rBV | 266482 | 459736 | 6.59% | 1.552% |
| 72 | 16.937 | 2284 | 2289 | 2301 | rVB2 | 58108 | 129591 | 1.86% | 0.437% |
| 73 | 17.113 | 2303 | 2319 | 2323 | rBV7 | 70572 | 231074 | 3.31% | 0.780% |
| 74 | 17.248 | 2336 | 2342 | 2347 | rVB | 47017 | 79220 | 1.14% | 0.267% |
| 75 | 17.372 | 2358 | 2363 | 2366 | rBV | 63456 | 89485 | 1.28% | 0.302% |
| 76 | 17.454 | 2371 | 2377 | 2383 | rVB2 | 137584 | 259717 | 3.72% | 0.877% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

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 | 17.589 | 2394 | 2400 | 2404 | rBV | 321538 | 515272 | 7.38% | 1.739% |
| 78 | 17.630 | 2404 | 2407 | 2412 | rVB2 | 187253 | 279530 | 4.00% | 0.944% |
| 79 | 17.689 | 2412 | 2417 | 2420 | rBV | 117167 | 219164 | 3.14% | 0.740% |
| 80 | 17.994 | 2457 | 2469 | 2474 | rBV | 562028 | 1113658 | 15.96% | 3.759% |
| 81 | 18.041 | 2474 | 2477 | 2481 | rVV2 | 53008 | 90907 | 1.30% | 0.307% |
| 82 | 18.088 | 2481 | 2485 | 2490 | rVV3 | 76238 | 139632 | 2.00% | 0.471% |
| 83 | 18.153 | 2492 | 2496 | 2503 | rVB | 116382 | 211833 | 3.03% | 0.715% |
| 84 | 18.229 | 2503 | 2509 | 2512 | rBV3 | 37651 | 81626 | 1.17% | 0.276% |
| 85 | 18.429 | 2538 | 2543 | 2552 | rBV5 | 107881 | 247079 | 3.54% | 0.834% |
| 86 | 18.511 | 2552 | 2557 | 2560 | rBV2 | 92916 | 158957 | 2.28% | 0.537% |
| 87 | 18.588 | 2565 | 2570 | 2575 | rVB | 146461 | 226746 | 3.25% | 0.765% |
| 88 | 18.752 | 2592 | 2598 | 2604 | rVV4 | 55063 | 125128 | 1.79% | 0.422% |
| 89 | 18.840 | 2609 | 2613 | 2619 | rVV3 | 58633 | 125963 | 1.80% | 0.425% |
| 90 | 18.899 | 2620 | 2623 | 2628 | rVV2 | 45366 | 79170 | 1.13% | 0.267% |
| 91 | 19.634 | 2743 | 2748 | 2755 | rVV | 82397 | 133164 | 1.91% | 0.449% |
| 92 | 19.698 | 2756 | 2759 | 2771 | rVB6 | 34562 | 95603 | 1.37% | 0.323% |
| 93 | 19.963 | 2799 | 2804 | 2808 | rBV | 142137 | 229451 | 3.29% | 0.774% |
| 94 | 19.998 | 2808 | 2810 | 2817 | rVB3 | 58828 | 86157 | 1.23% | 0.291% |
| 95 | 20.392 | 2871 | 2877 | 2881 | rBV3 | 61301 | 123166 | 1.76% | 0.416% |
| 96 | 20.456 | 2881 | 2888 | 2896 | rVB | 330072 | 577215 | 8.27% | 1.948% |
| 97 | 21.102 | 2993 | 2998 | 3008 | rVB | 244021 | 410350 | 5.88% | 1.385% |
| 98 | 21.890 | 3126 | 3132 | 3138 | rBV | 284807 | 477587 | 6.84% | 1.612% |
| 99 | 25.063 | 3666 | 3672 | 3683 | rVB | 65019 | 190155 | 2.72% | 0.642% |
| 100 | 25.303 | 3705 | 3713 | 3725 | rVB3 | 159150 | 482879 | 6.92% | 1.630% |

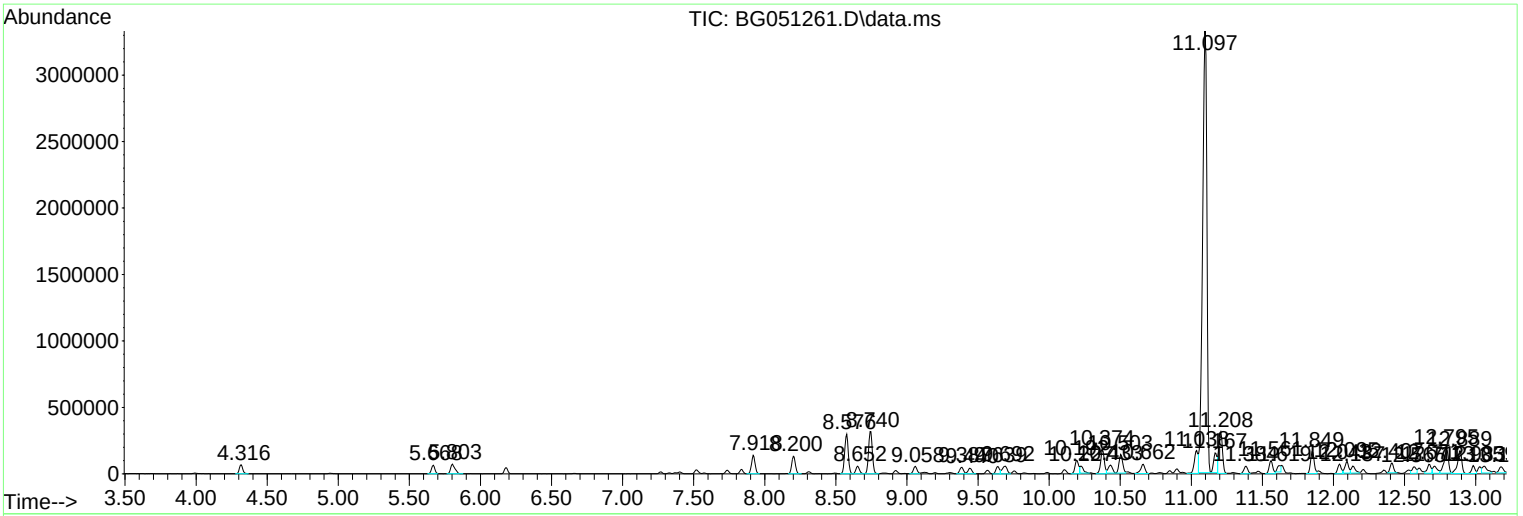
Sum of corrected areas: 29626752

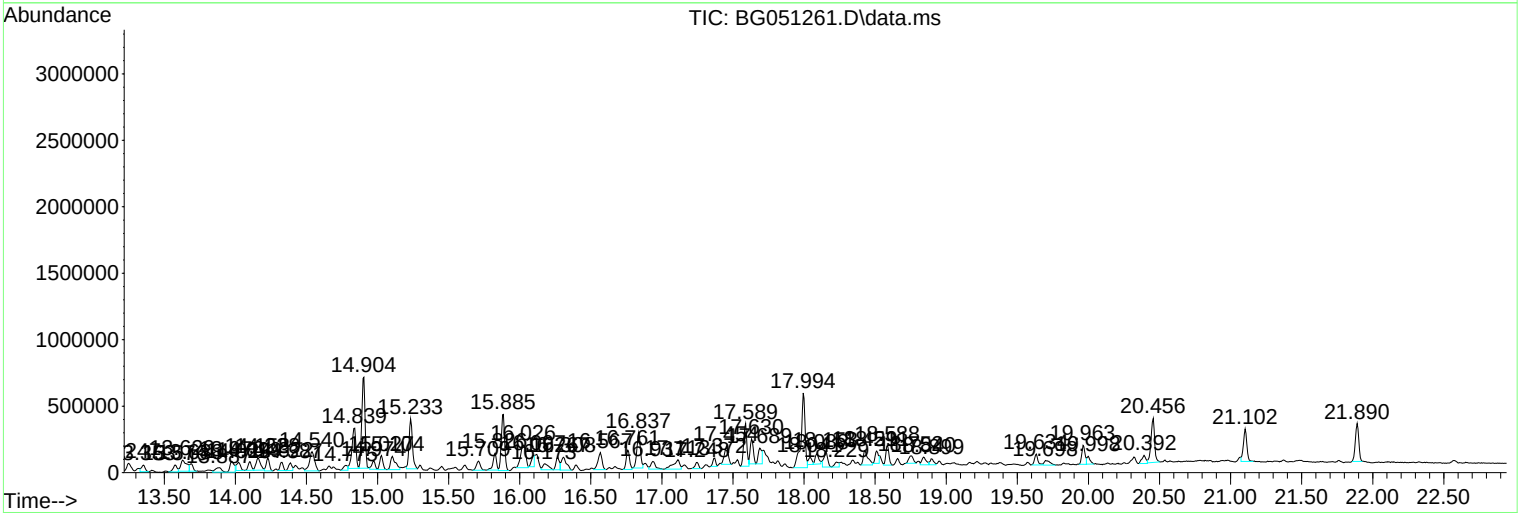
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

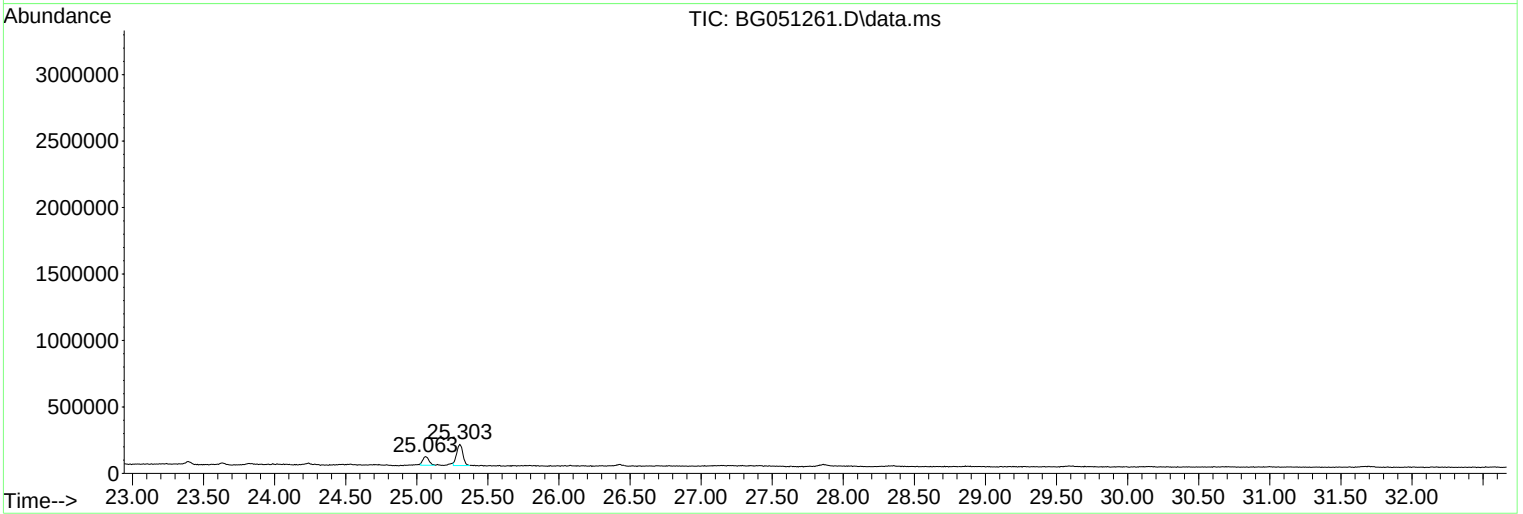
**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

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\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

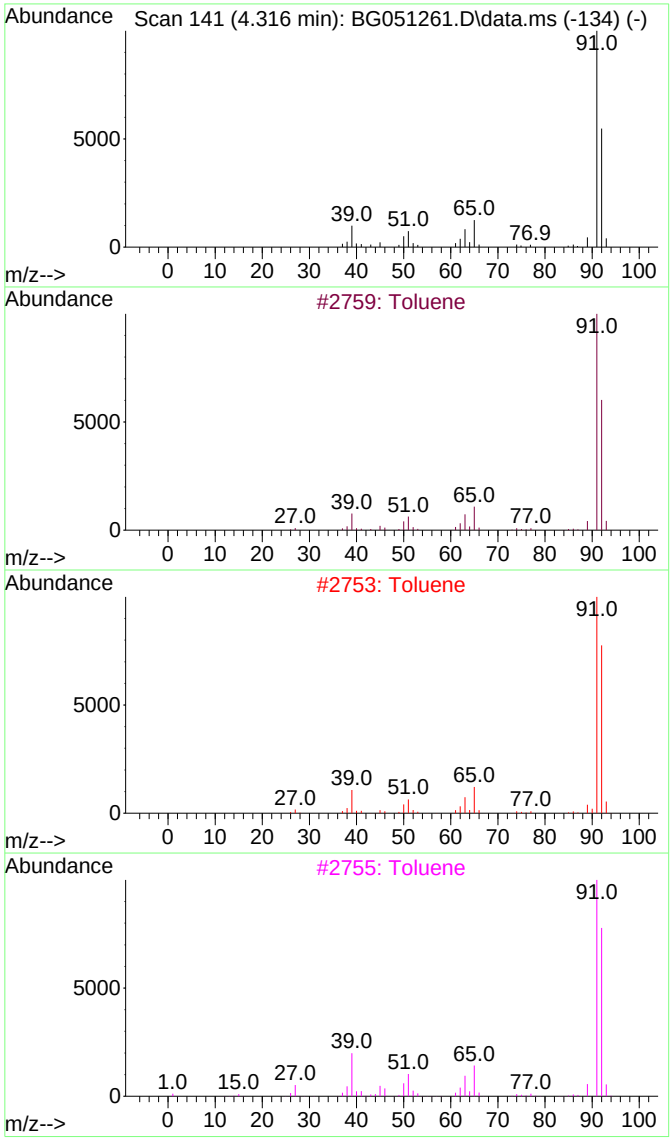
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

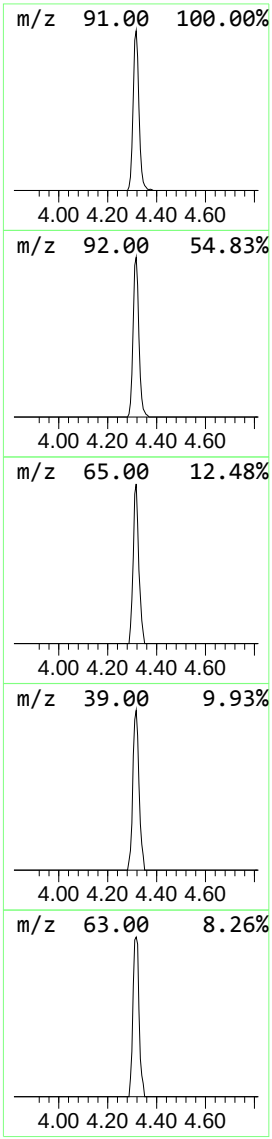
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Toluene Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.316 | 9.74 ng/ul | 113412 | 1,4-Dichlorobenzene-d4 | 8.206 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Toluene | 92 | C7H8 | 000108-88-3 | 91 |
| 2 | Toluene | 92 | C7H8 | 000108-88-3 | 91 |
| 3 | Toluene | 92 | C7H8 | 000108-88-3 | 87 |
| 4 | Spiro[2,4]hepta-4,6-diene | 92 | C7H8 | 000765-46-8 | 87 |
| 5 | Spiro[2,4]hepta-4,6-diene | 92 | C7H8 | 000765-46-8 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

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

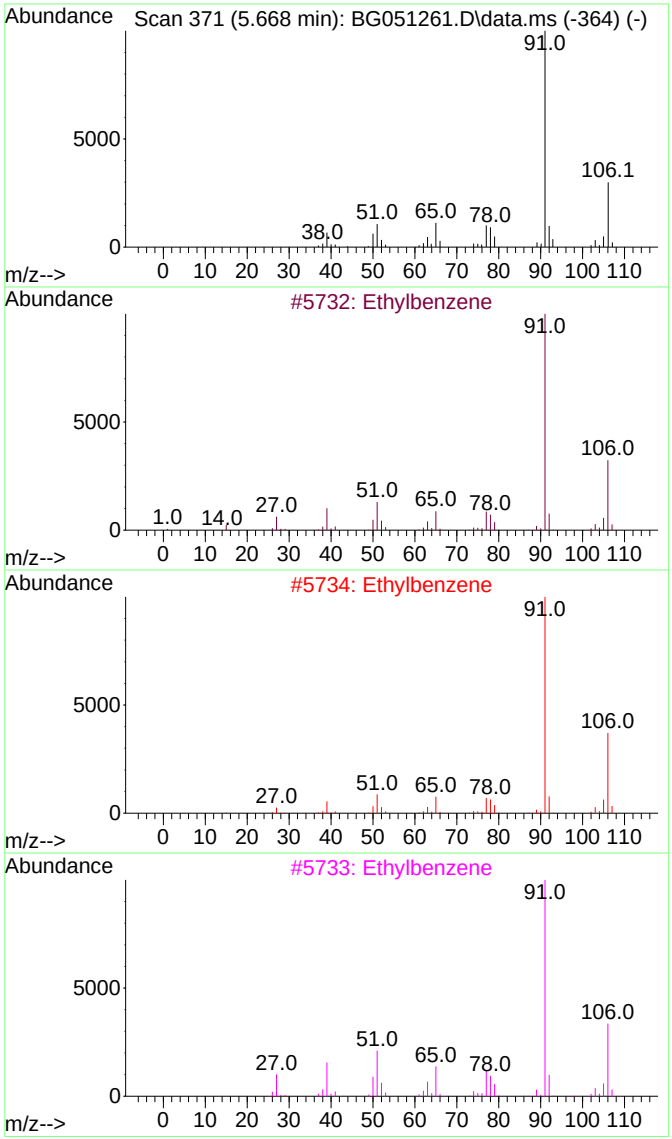
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

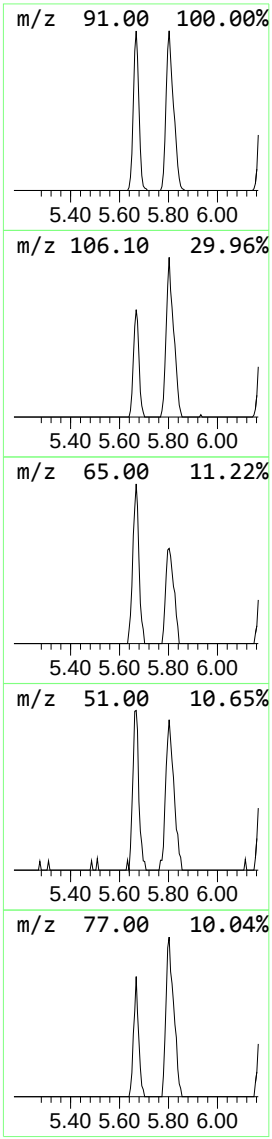
**********

Peak Number 2 Ethylbenzene Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.668 | 9.23 ng/ul | 107442 | 1,4-Dichlorobenzene-d4 | 8.206 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 94 |
| 2 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 94 |
| 3 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 91 |
| 4 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 91 |
| 5 | Ethylbenzene | 106 | C8H10 | 000100-41-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

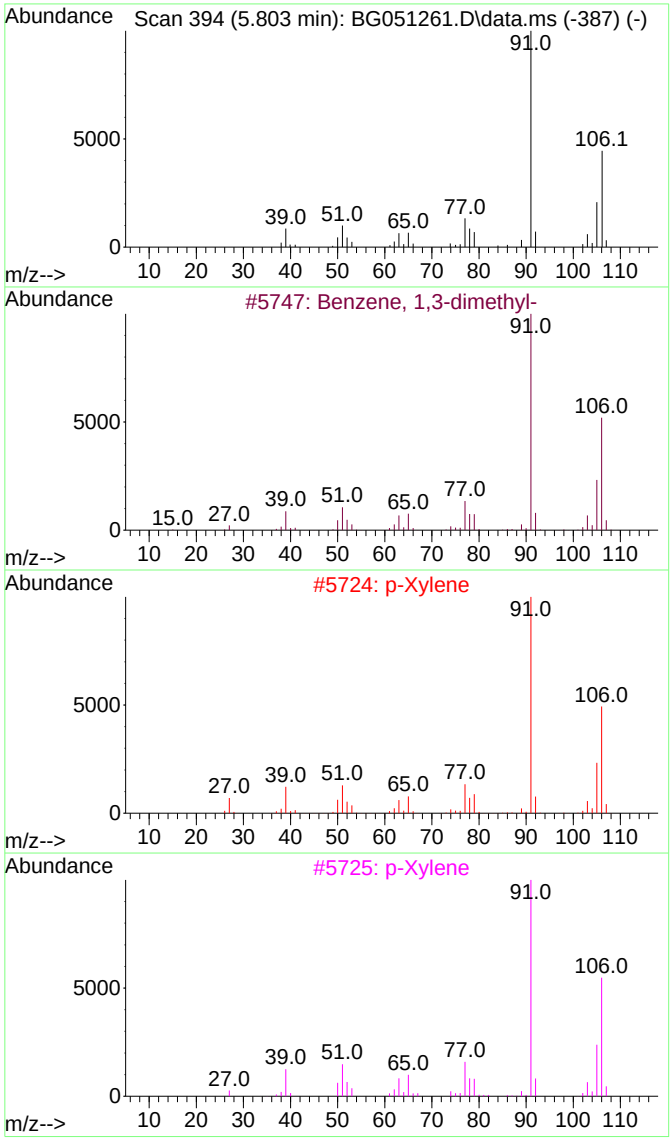
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

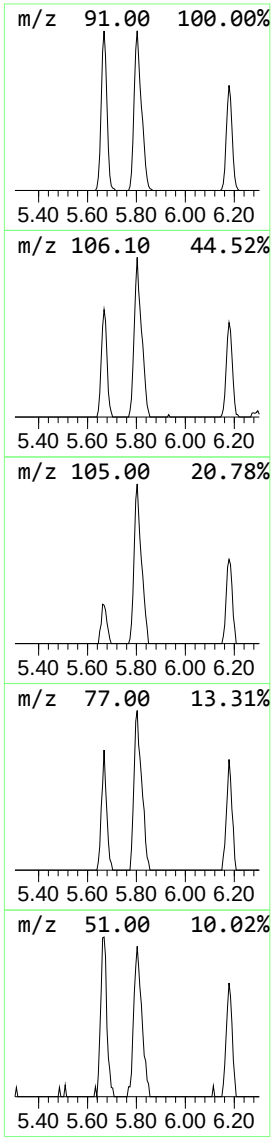
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.803 | 13.30 ng/ul | 154883 | 1,4-Dichlorobenzene-d4 | 8.206 |

| 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 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |
| 4 | o-Xylene | 106 | C8H10 | 000095-47-6 | 97 |
| 5 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

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

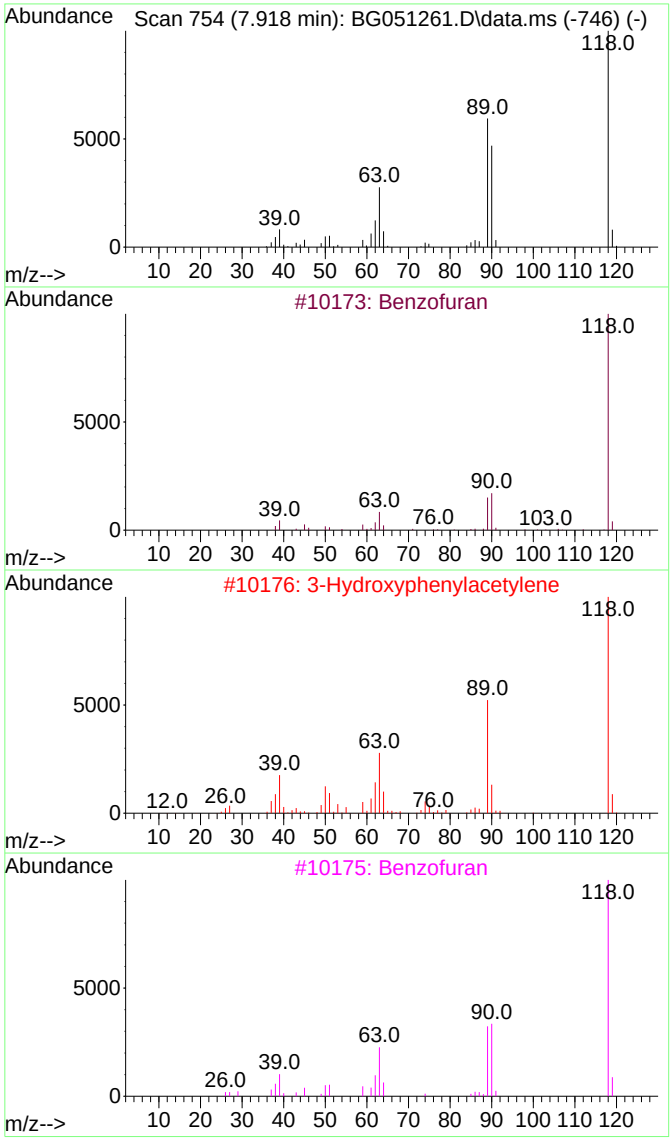
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

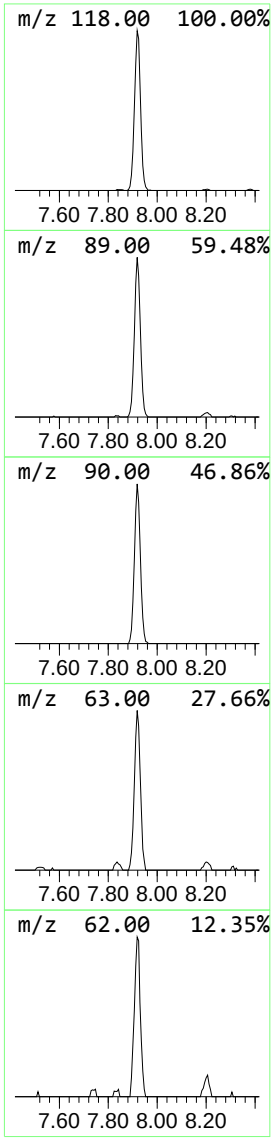
**********

Peak Number 4 Benzofuran Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.918 | 20.84 ng/ul | 242649 | 1,4-Dichlorobenzene-d4 | 8.206 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran | 118 | C8H6O | 000271-89-6 | 91 |
| 2 | 3-Hydroxyphenylacetylene | 118 | C8H6O | 010401-11-3 | 87 |
| 3 | Benzofuran | 118 | C8H6O | 000271-89-6 | 81 |
| 4 | Benzofuran | 118 | C8H6O | 000271-89-6 | 64 |
| 5 | Benzofuran | 118 | C8H6O | 000271-89-6 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

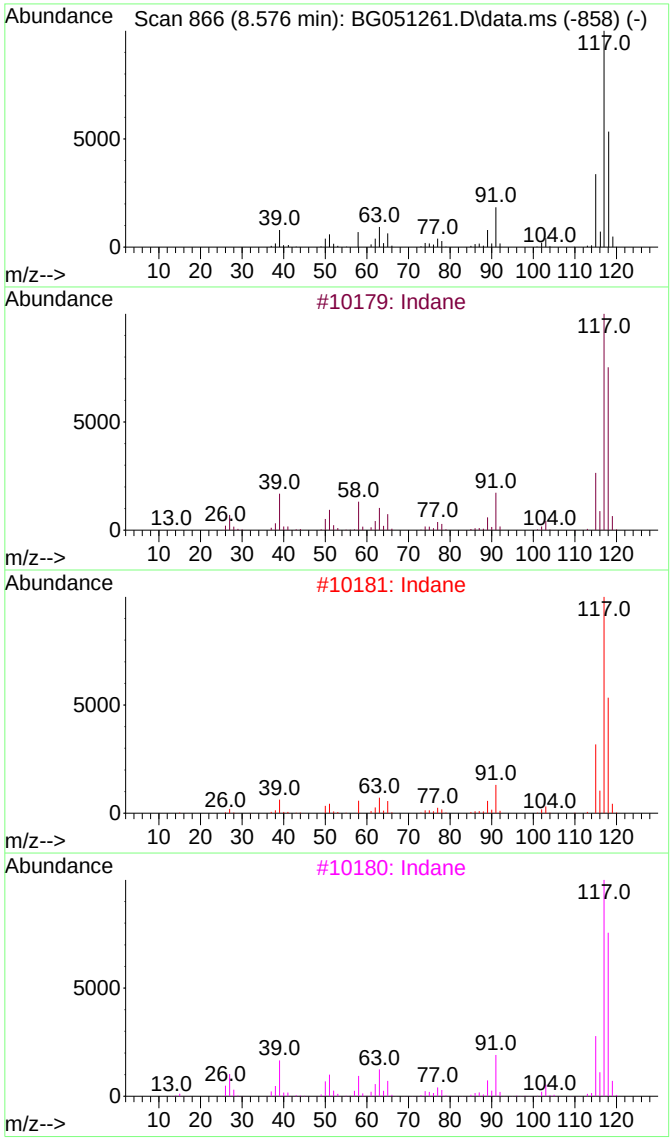
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

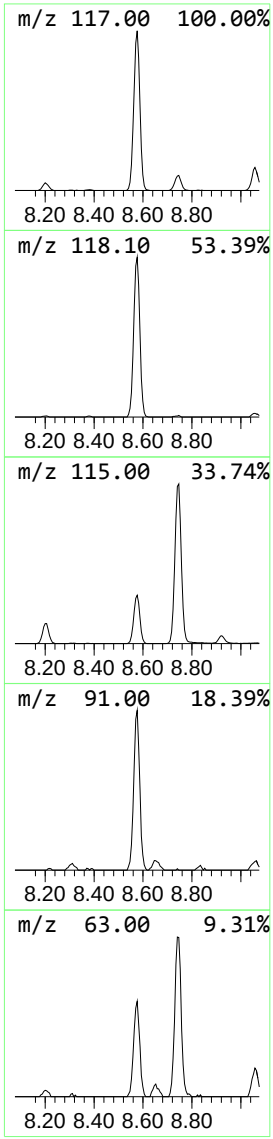
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Indane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.576 | 44.74 ng/ul | 520776 | 1,4-Dichlorobenzene-d4 | 8.206 |

| 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 | 90 |
| 4 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 81 |
| 5 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

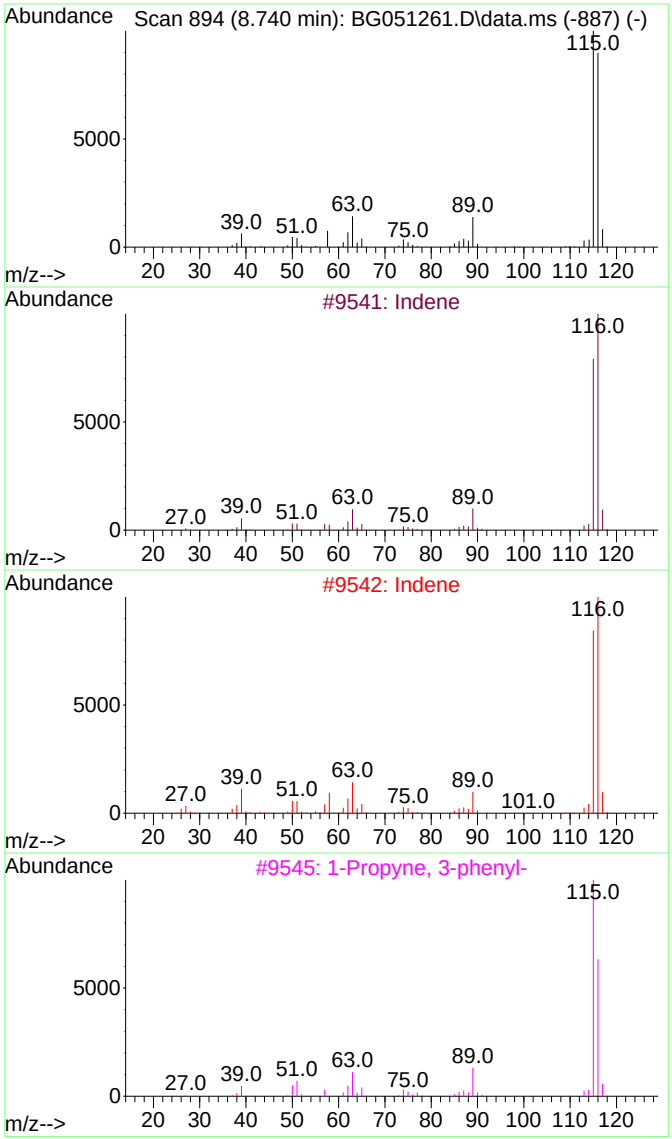
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

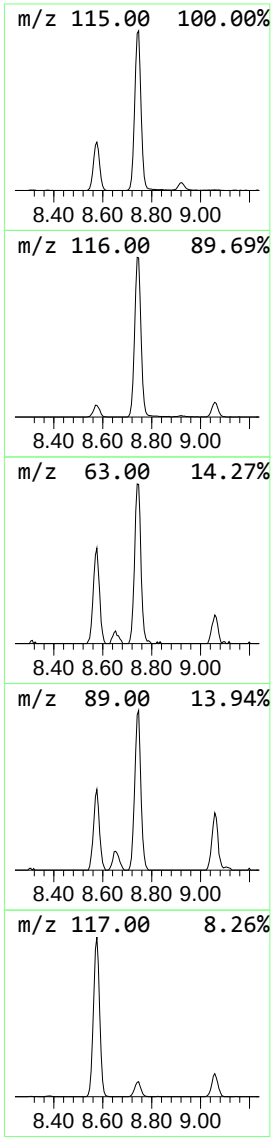
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Indene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.740 | 50.02 ng/ul | 582276 | 1,4-Dichlorobenzene-d4 | 8.206 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indene | 116 | C9H8 | 000095-13-6 | 95 |
| 2 | Indene | 116 | C9H8 | 000095-13-6 | 95 |
| 3 | 1-Propyne, 3-phenyl- | 116 | C9H8 | 010147-11-2 | 95 |
| 4 | Indene | 116 | C9H8 | 000095-13-6 | 94 |
| 5 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 91 |



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Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

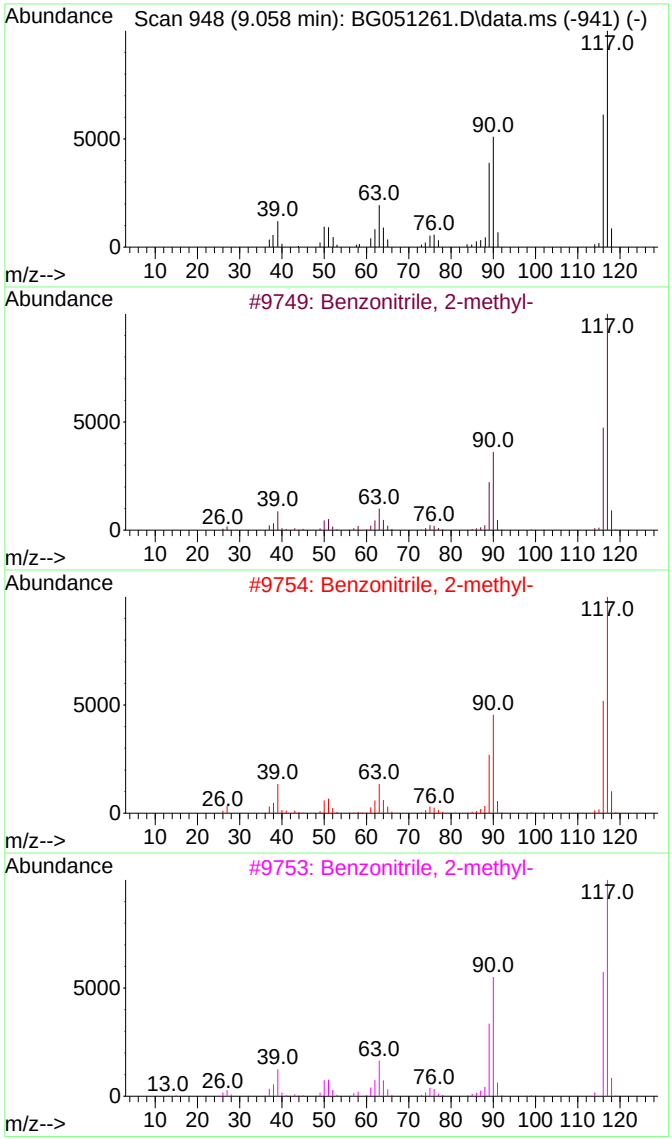
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

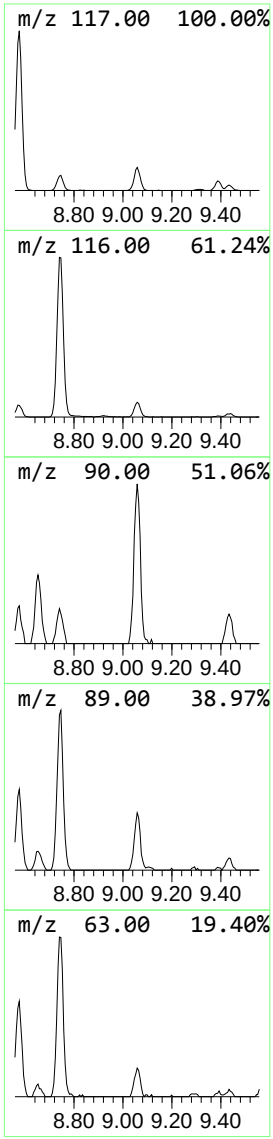
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzonitrile, 2-methyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.058 | 8.47 ng/ul | 98640 | 1,4-Dichlorobenzene-d4 | 8.206 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzonitrile, 2-methyl- | 117 | C8H7N | 000529-19-1 | 97 |
| 2 | Benzonitrile, 2-methyl- | 117 | C8H7N | 000529-19-1 | 97 |
| 3 | Benzonitrile, 2-methyl- | 117 | C8H7N | 000529-19-1 | 96 |
| 4 | Benzonitrile, 4-methyl- | 117 | C8H7N | 000104-85-8 | 96 |
| 5 | Benzonitrile, 4-methyl- | 117 | C8H7N | 000104-85-8 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

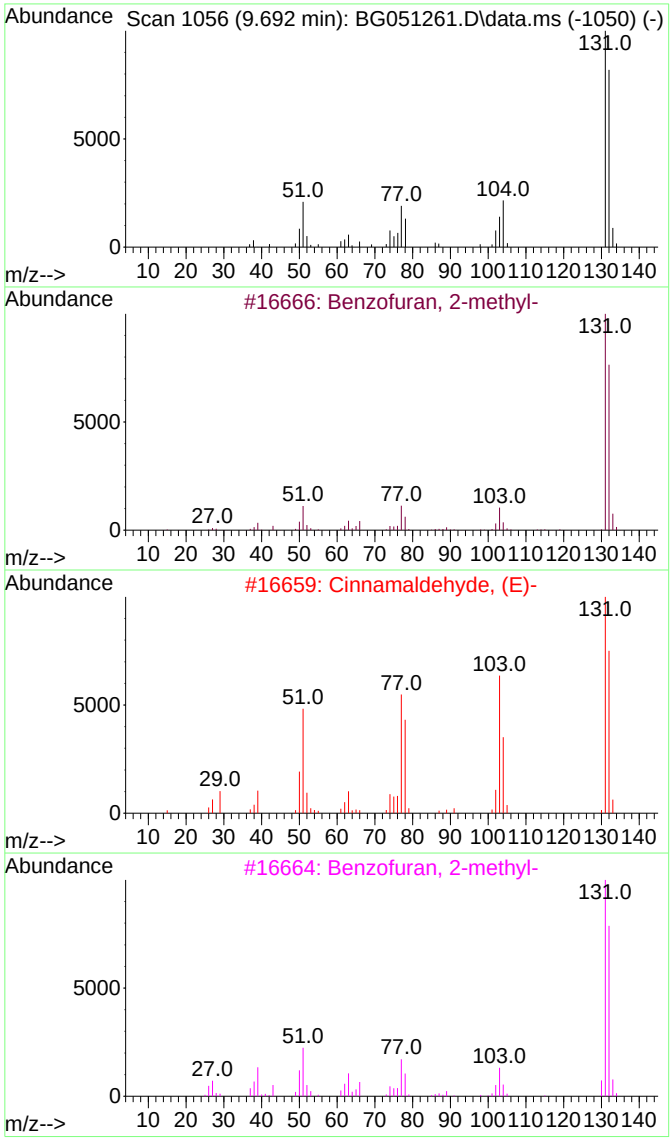
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

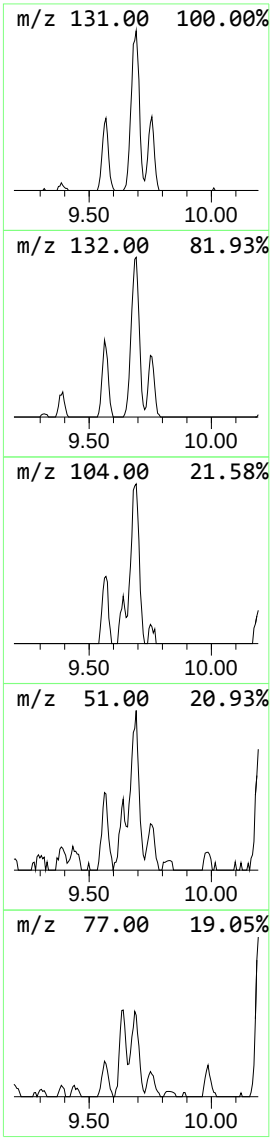
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzofuran, 2-methyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.692 | 8.42 ng/ul | 138274 | Naphthalene-d8 | 11.038 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 2 | Cinnamaldehyde, (E)- | 132 | C9H8O | 014371-10-9 | 91 |
| 3 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 4 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 5 | Benzopyrimidine, 3,4-dihydro- | 132 | C8H8N2 | 001904-64-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

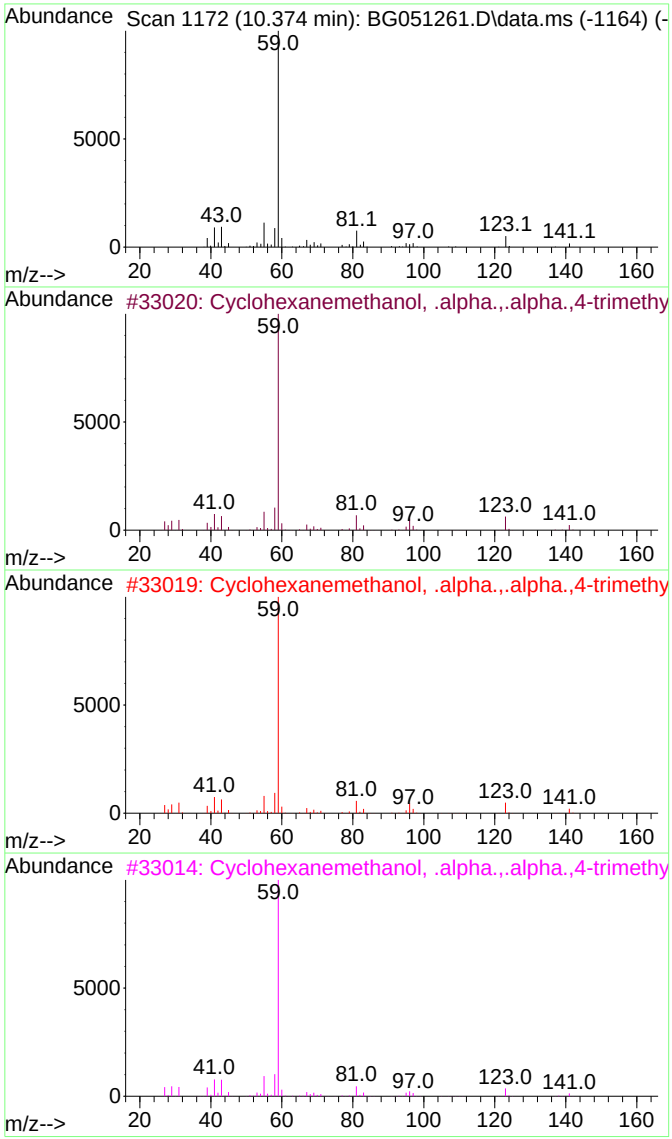
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

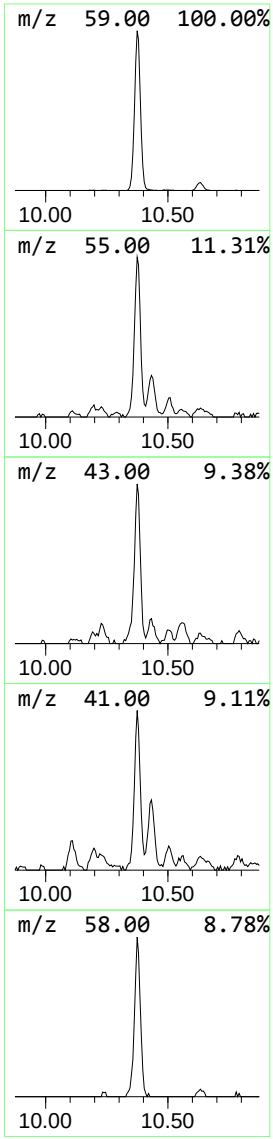
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Cyclohexanemethanol, .alpha... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.374 | 19.60 ng/ul | 322064 | Naphthalene-d8 | 11.038 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanemethanol, .alpha.,.al... | 156 | C10H20O | 005114-00-1 | 83 |
| 2 | Cyclohexanemethanol, .alpha.,.al... | 156 | C10H20O | 007322-63-6 | 83 |
| 3 | Cyclohexanemethanol, .alpha.,.al... | 156 | C10H20O | 000498-81-7 | 74 |
| 4 | 2,3-Dimethyl-4-penten-2-ol | 114 | C7H14O | 019781-52-3 | 50 |
| 5 | 2-Hydroxy-2,5-dimethyl-hept-6-en... | 156 | C9H16O2 | 1000192-55-8 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

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

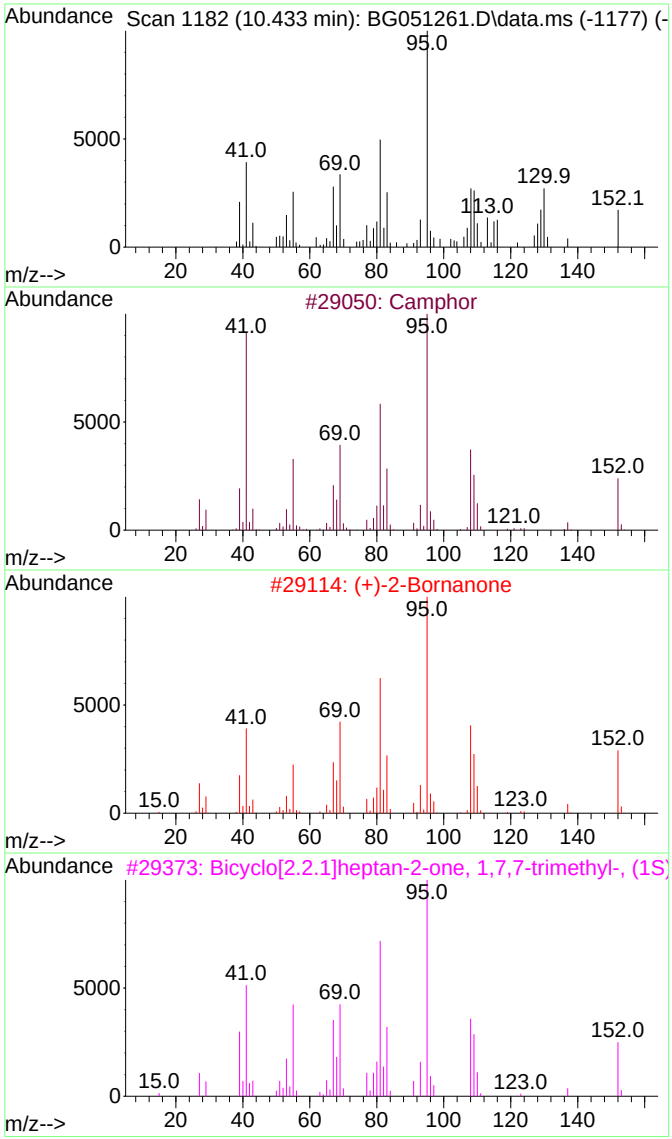
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

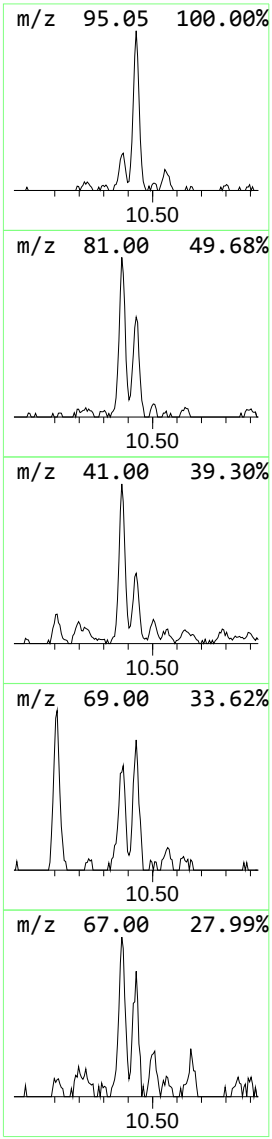
**********

Peak Number 12 Camphor Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.433 | 7.48 ng/ul | 122864 | Naphthalene-d8 | 11.038 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Camphor | 152 | C10H16O | 000076-22-2 | 96 |
| 2 | (+)-2-Bornanone | 152 | C10H16O | 000464-49-3 | 96 |
| 3 | Bicyclo[2.2.1]heptan-2-one, 1,7,... | 152 | C10H16O | 000464-48-2 | 95 |
| 4 | (+)-2-Bornanone | 152 | C10H16O | 000464-49-3 | 92 |
| 5 | (+)-2-Bornanone | 152 | C10H16O | 000464-49-3 | 89 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

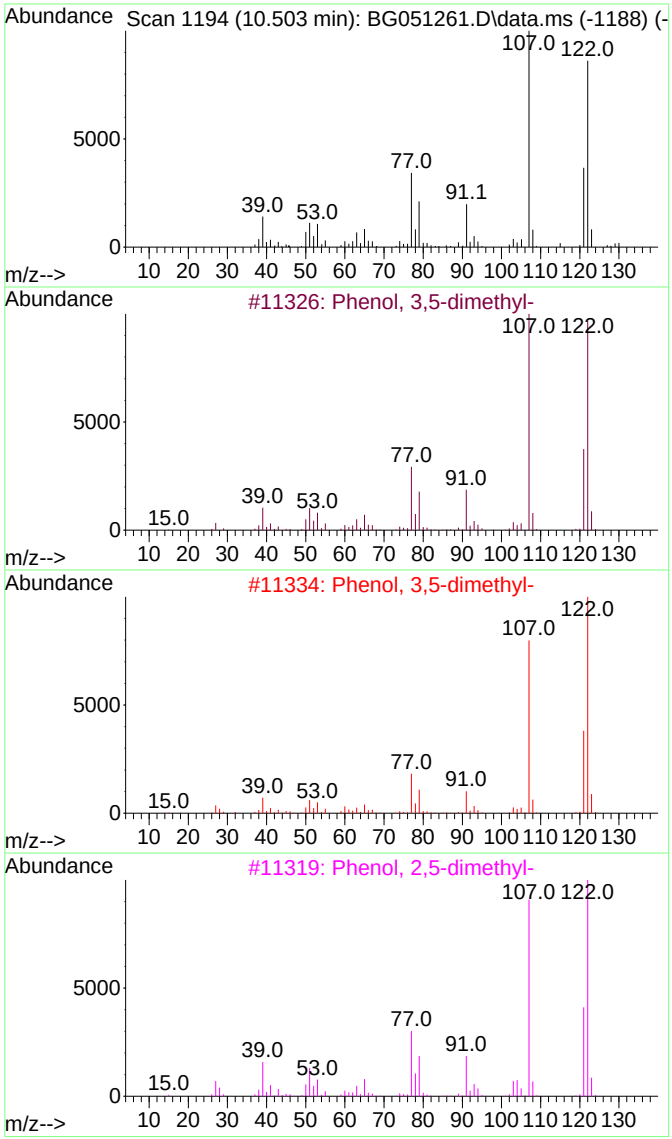
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

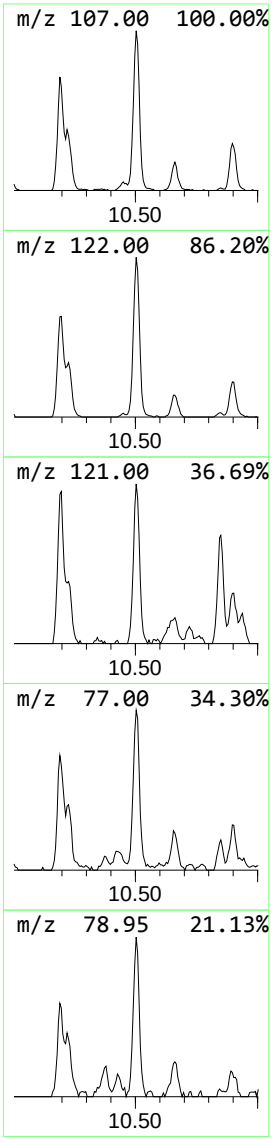
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Phenol, 3,5-dimethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.503 | 15.25 ng/ul | 250603 | Naphthalene-d8 | 11.038 |

| 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 | 95 |
| 3 | Phenol, 2,5-dimethyl- | 122 | C8H10O | 000095-87-4 | 93 |
| 4 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 93 |
| 5 | Phenol, 3,4-dimethyl- | 122 | C8H10O | 000095-65-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

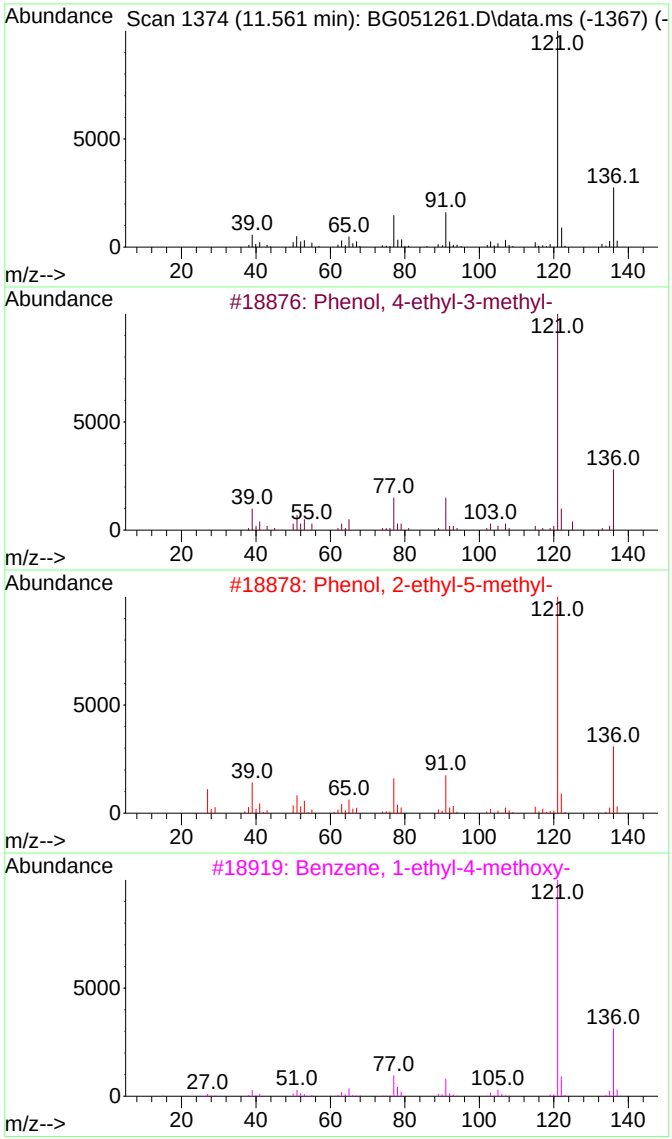
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

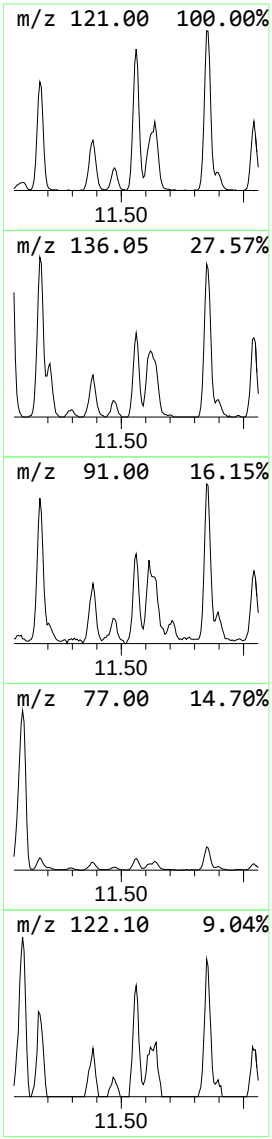
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Phenol, 4-ethyl-3-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.561 | 10.72 ng/ul | 176083 | Naphthalene-d8 | 11.038 |

| 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 | Benzene, 1-ethyl-4-methoxy- | 136 | C9H12O | 001515-95-3 | 91 |
| 4 | Phenol, 3,4,5-trimethyl- | 136 | C9H12O | 000527-54-8 | 91 |
| 5 | p-Cumenol | 136 | C9H12O | 000099-89-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

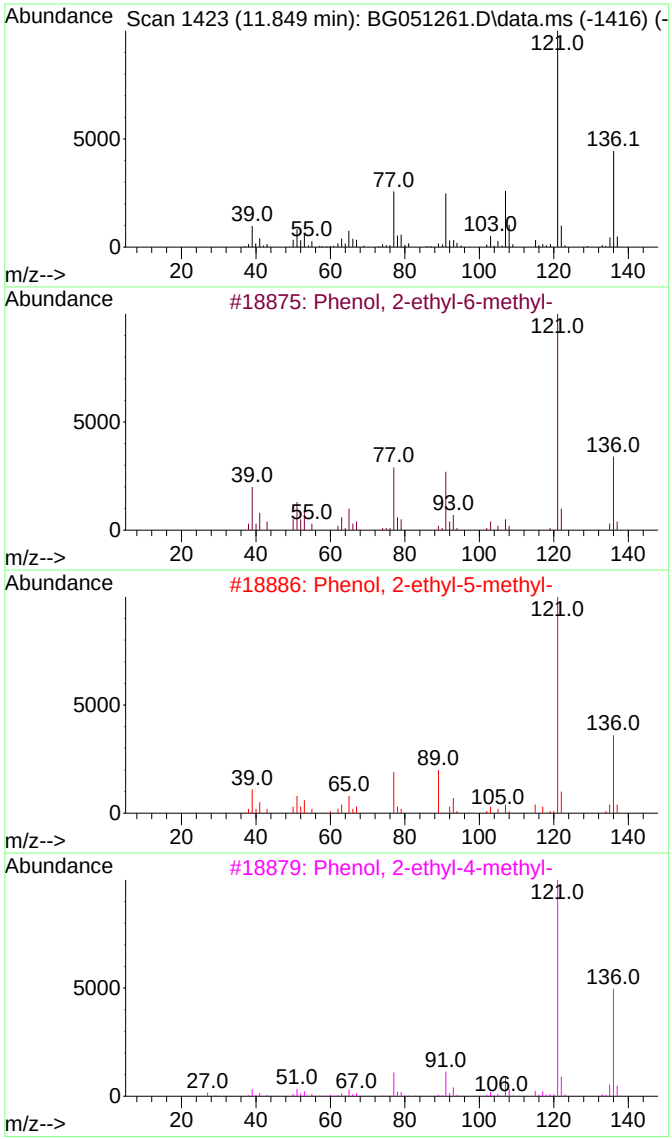
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

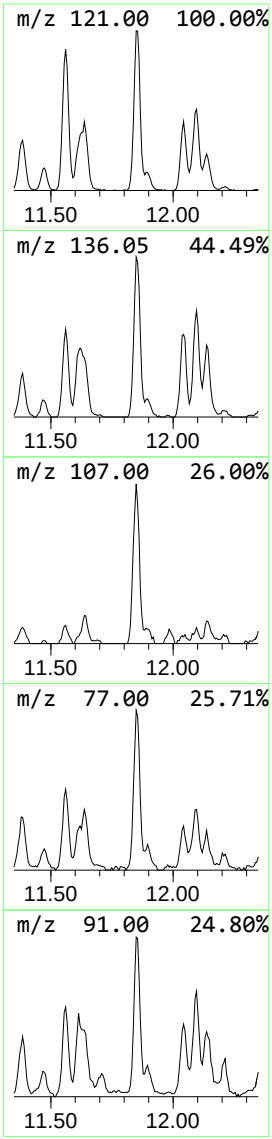
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Phenol, 2-ethyl-6-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.849 | 18.20 ng/ul | 298970 | Naphthalene-d8 | 11.038 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-ethyl-6-methyl- | 136 | C9H12O | 001687-64-5 | 87 |
| 2 | Phenol, 2-ethyl-5-methyl- | 136 | C9H12O | 001687-61-2 | 87 |
| 3 | Phenol, 2-ethyl-4-methyl- | 136 | C9H12O | 003855-26-3 | 87 |
| 4 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 87 |
| 5 | 1,5,5-Trimethyl-6-methylene-cycl... | 136 | C10H16 | 000514-95-4 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

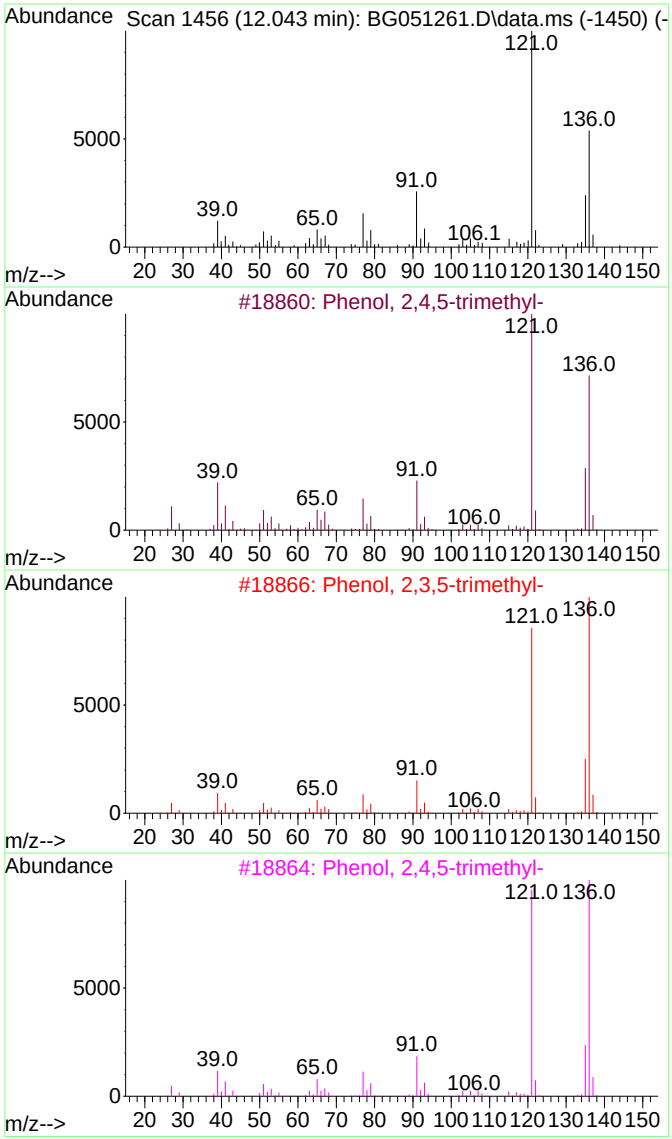
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

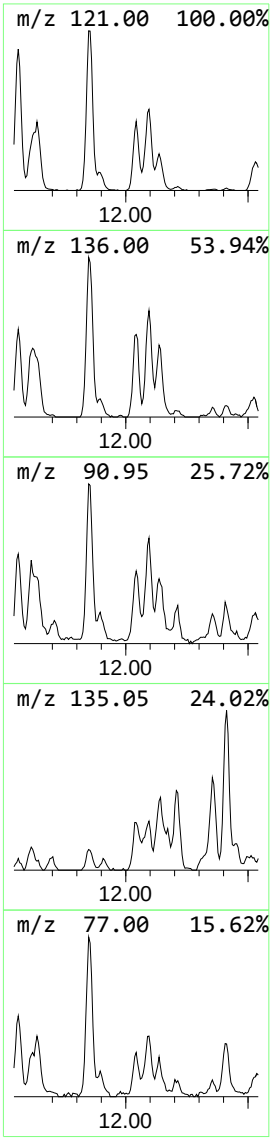
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Phenol, 2,4,5-trimethyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.043 | 7.97 ng/ul | 130948 | Naphthalene-d8 | 11.038 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,4,5-trimethyl- | 136 | C9H12O | 000496-78-6 | 97 |
| 2 | Phenol, 2,3,5-trimethyl- | 136 | C9H12O | 000697-82-5 | 93 |
| 3 | Phenol, 2,4,5-trimethyl- | 136 | C9H12O | 000496-78-6 | 93 |
| 4 | Phenol, 3,4,5-trimethyl- | 136 | C9H12O | 000527-54-8 | 91 |
| 5 | Phenol, 3,4,5-trimethyl- | 136 | C9H12O | 000527-54-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

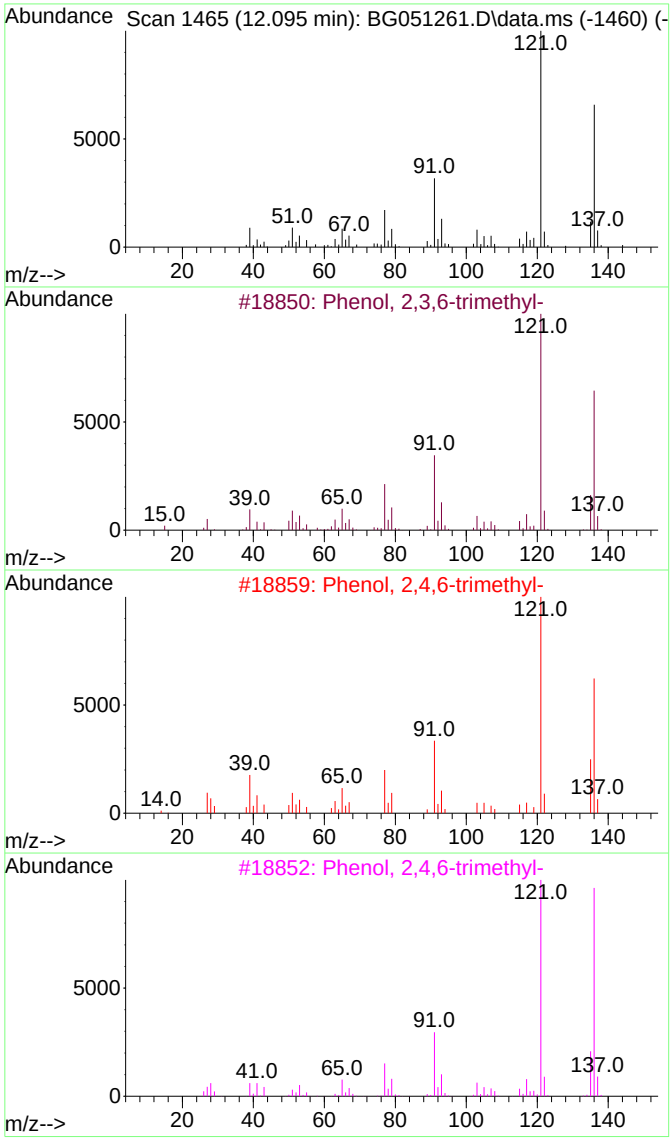
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

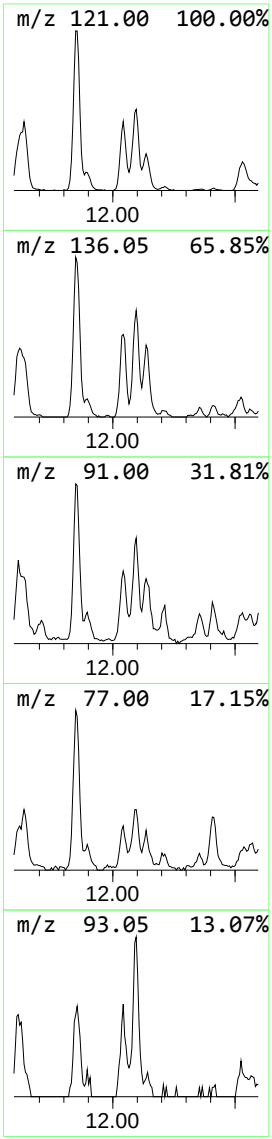
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Phenol, 2,3,6-trimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.095 | 9.91 ng/ul | 162743 | Naphthalene-d8 | 11.038 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,3,6-trimethyl- | 136 | C9H12O | 002416-94-6 | 97 |
| 2 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 93 |
| 3 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 91 |
| 4 | Phenol, 2,4,5-trimethyl- | 136 | C9H12O | 000496-78-6 | 91 |
| 5 | Phenol, 2,3,6-trimethyl- | 136 | C9H12O | 002416-94-6 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

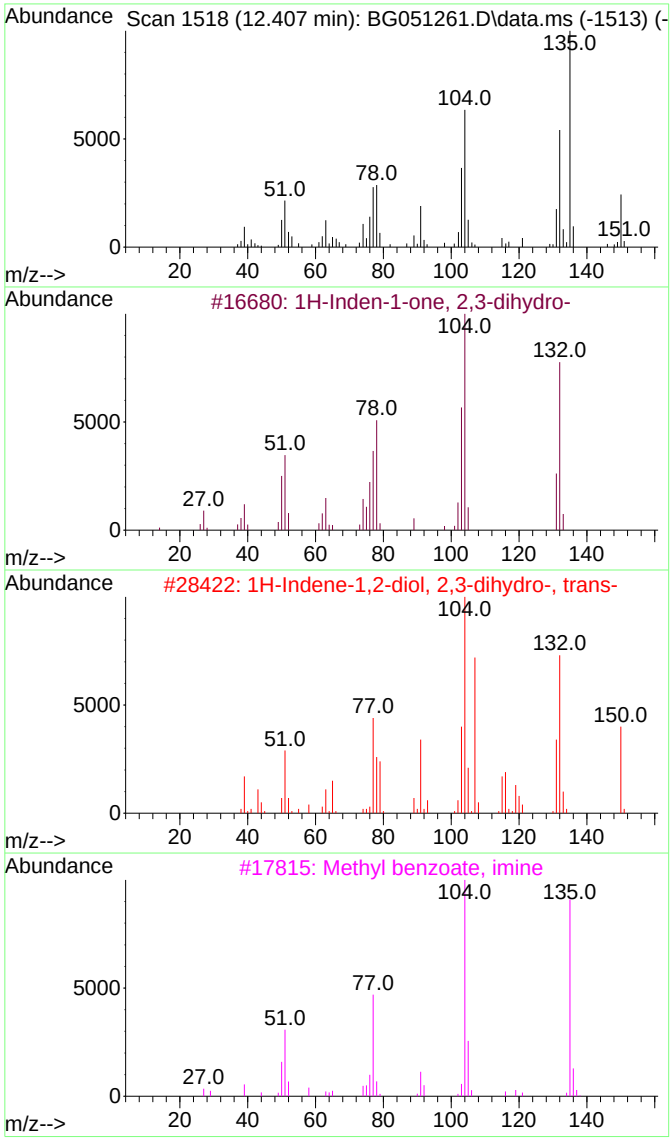
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

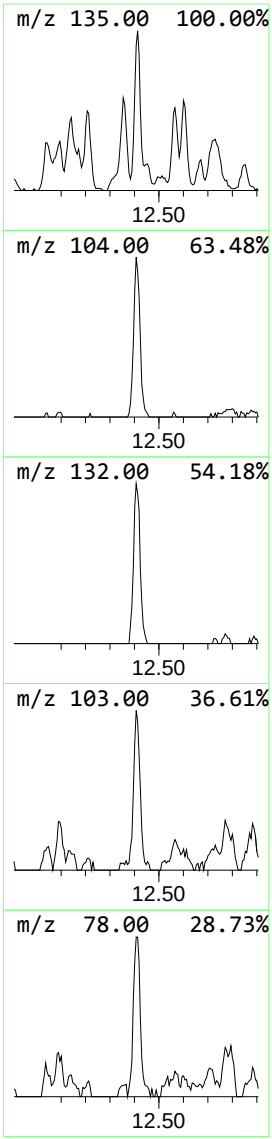
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.407 | 7.59 ng/ul | 124706 | Naphthalene-d8 | 11.038 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 78 |
| 2 | 1H-Indene-1,2-diol, 2,3-dihydro-... | 150 | C9H10O2 | 004647-43-2 | 60 |
| 3 | Methyl benzoate, imine | 135 | C8H9NO | 007471-86-5 | 49 |
| 4 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 46 |
| 5 | 4-Acetylanisole | 150 | C9H10O2 | 000100-06-1 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

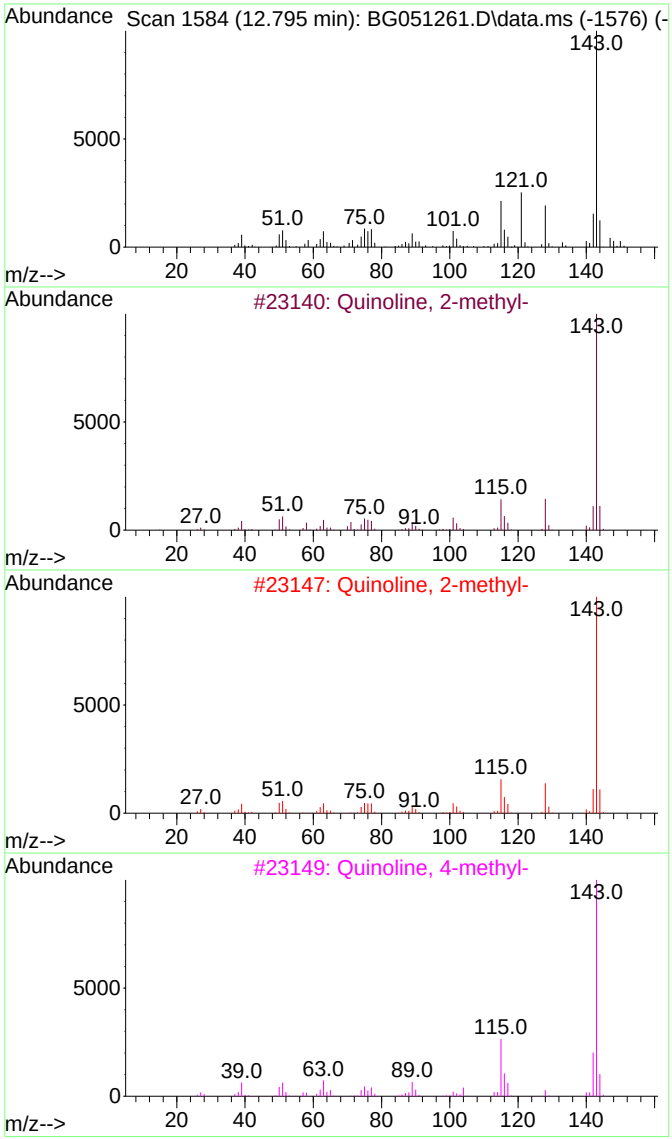
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

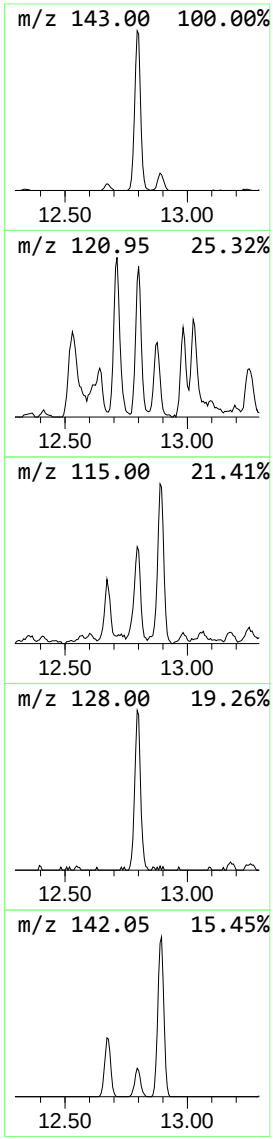
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 Quinoline, 2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.795 | 23.28 ng/ul | 382482 | Naphthalene-d8 | 11.038 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Quinoline, 2-methyl- | 143 | C10H9N | 000091-63-4 | 95 |
| 2 | Quinoline, 2-methyl- | 143 | C10H9N | 000091-63-4 | 93 |
| 3 | Quinoline, 4-methyl- | 143 | C10H9N | 000491-35-0 | 81 |
| 4 | Quinoline, 4-methyl- | 143 | C10H9N | 000491-35-0 | 81 |
| 5 | Quinoline, 4-methyl- | 143 | C10H9N | 000491-35-0 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

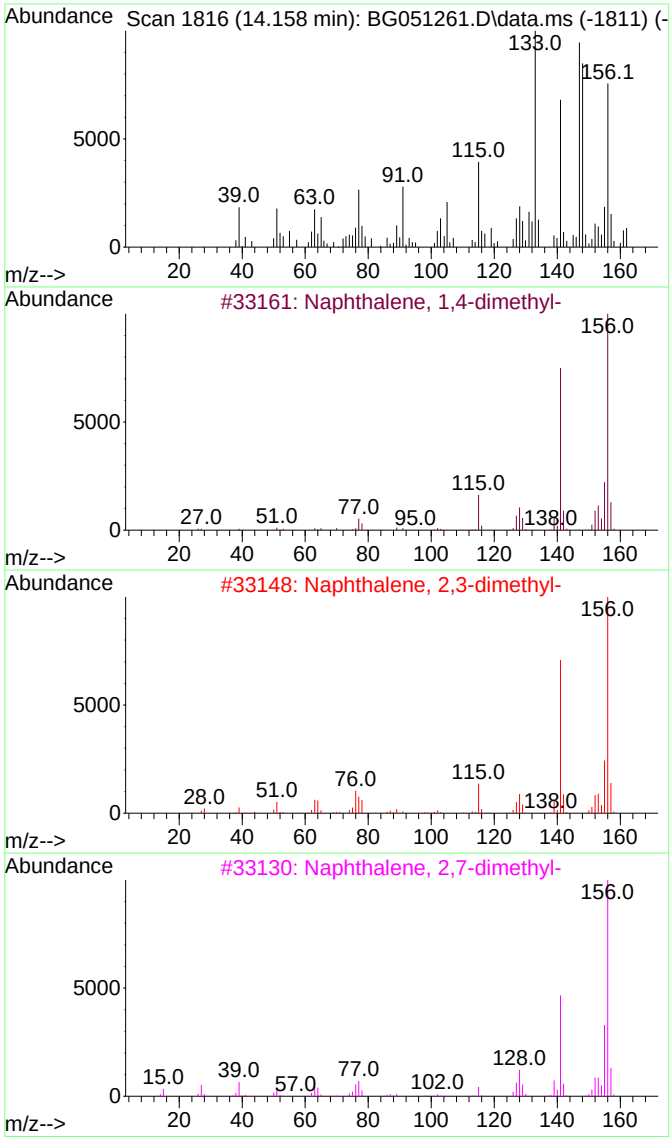
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

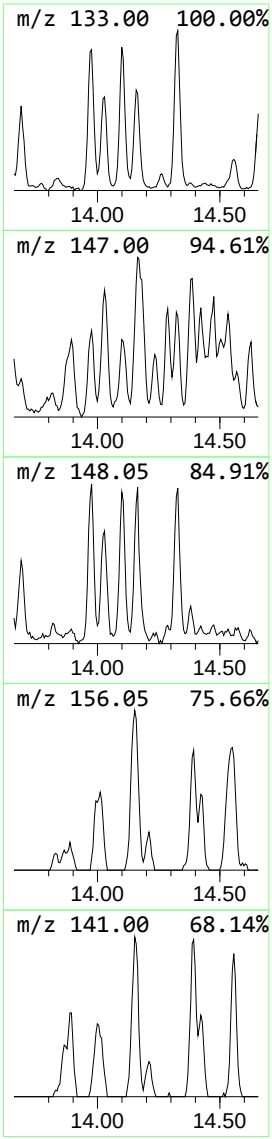
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 Naphthalene, 1,4-dimethyl- Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.158 | 7.03 ng/ul | 204472 | Acenaphthene-d10 | 14.839 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 86 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 70 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 45 |
| 4 | Phenol, 2-methyl-6-(2-propenyl)- | 148 | C10H12O | 003354-58-3 | 42 |
| 5 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

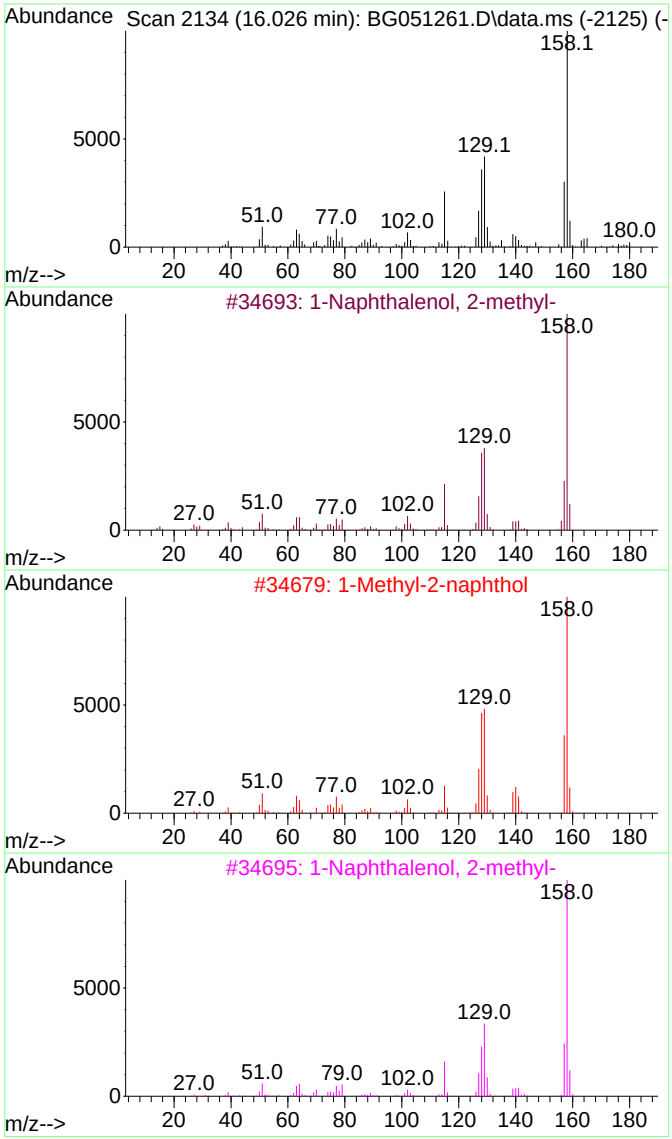
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

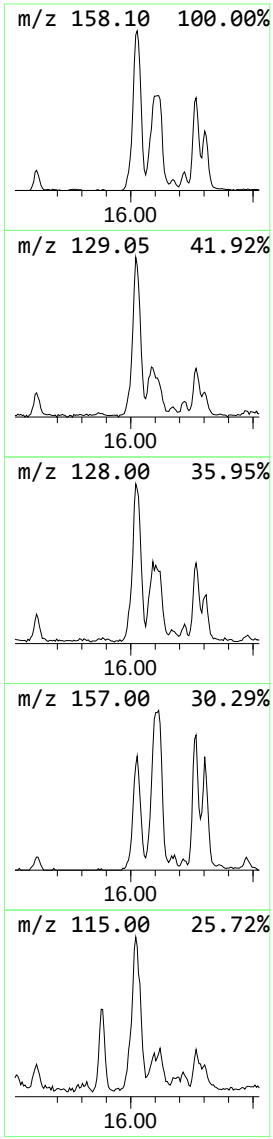
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 1-Naphthalenol, 2-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.026 | 14.70 ng/ul | 427483 | Acenaphthene-d10 | 14.839 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Naphthalenol, 2-methyl- | 158 | C11H10O | 007469-77-4 | 94 |
| 2 | 1-Methyl-2-naphthol | 158 | C11H10O | 001076-26-2 | 93 |
| 3 | 1-Naphthalenol, 2-methyl- | 158 | C11H10O | 007469-77-4 | 90 |
| 4 | 7-Methyl-1-naphthol | 158 | C11H10O | 006939-33-9 | 64 |
| 5 | Cinnoline, 3,4-dimethyl- | 158 | C10H10N2 | 003929-83-7 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

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

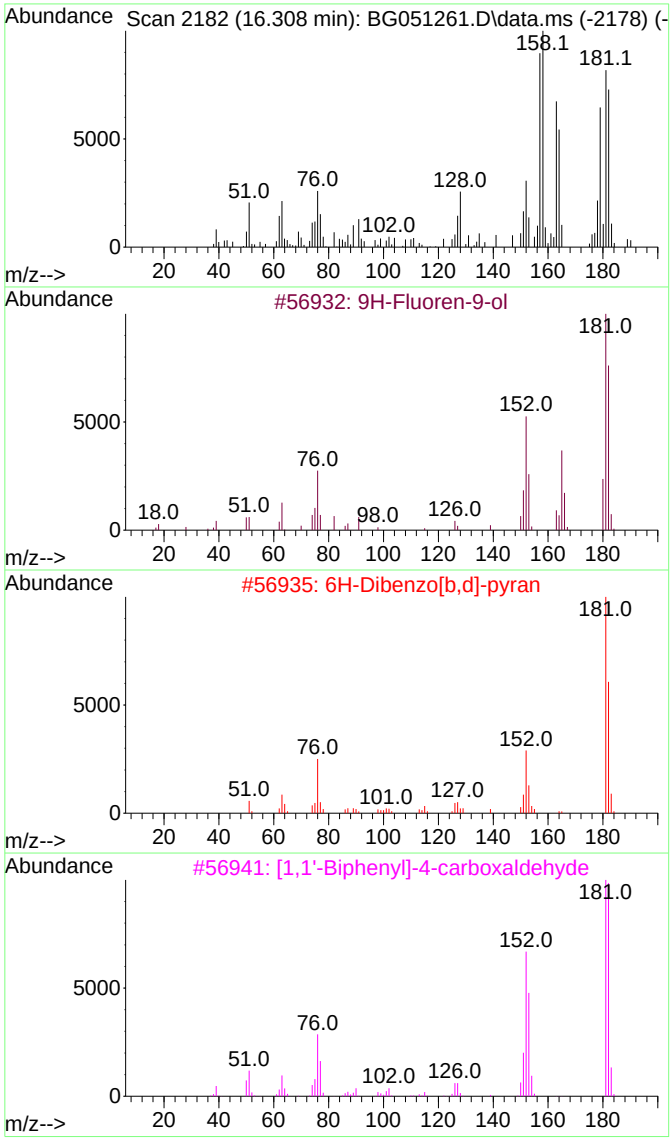
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

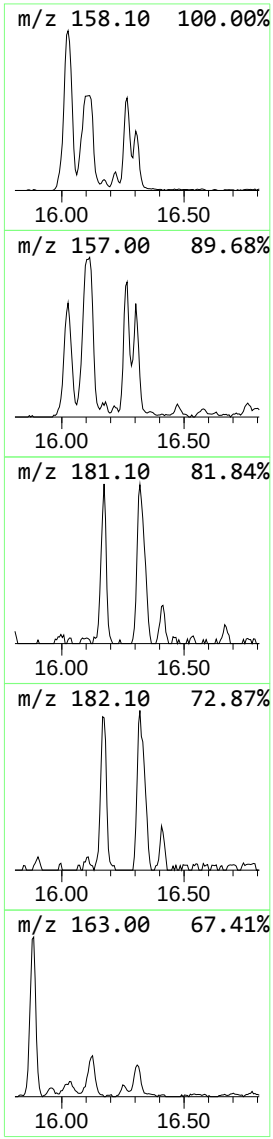
**********

Peak Number 45 unknown-01 Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.308 | 9.34 ng/ul | 240686 | Phenanthrene-d10 | 17.589 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 25 |
| 2 | 6H-Dibenzo[b,d]-pyran | 182 | C13H10O | 000229-95-8 | 25 |
| 3 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 25 |
| 4 | Benzaldehyde, 2,6-difluoro-3-hyd... | 158 | C7H4F2O2 | 152434-88-3 | 22 |
| 5 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 15 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

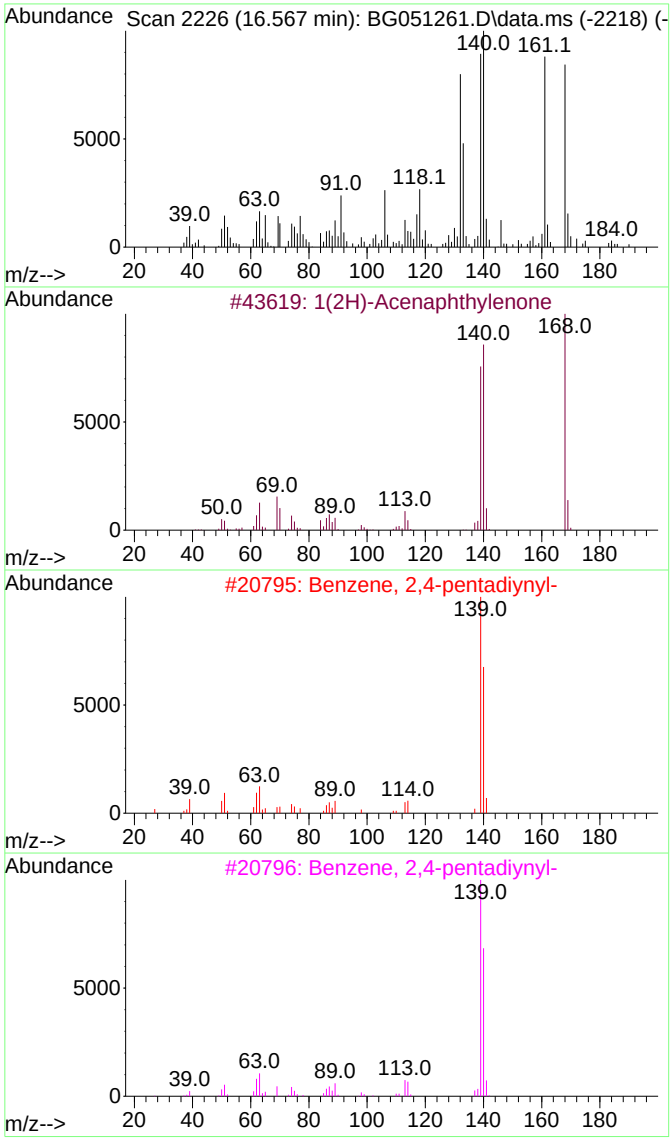
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

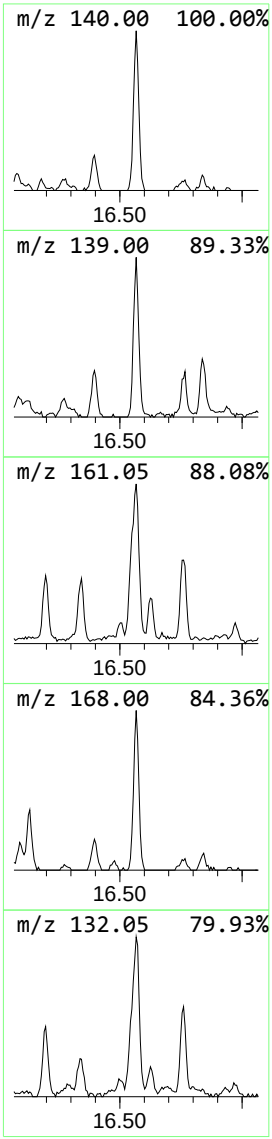
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 46 1(2H)-Acenaphthylenone Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.567 | 9.86 ng/ul | 254027 | Phenanthrene-d10 | 17.589 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1(2H)-Acenaphthylenone | 168 | C12H8O | 002235-15-6 | 94 |
| 2 | Benzene, 2,4-pentadiynyl- | 140 | C11H8 | 041268-41-1 | 46 |
| 3 | Benzene, 2,4-pentadiynyl- | 140 | C11H8 | 041268-41-1 | 44 |
| 4 | 2,4-Hexadiyn-1-one, 1-phenyl- | 168 | C12H8O | 000495-74-9 | 43 |
| 5 | Isoquinoline, 5,6,7,8-tetrahydro- | 133 | C9H11N | 036556-06-6 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

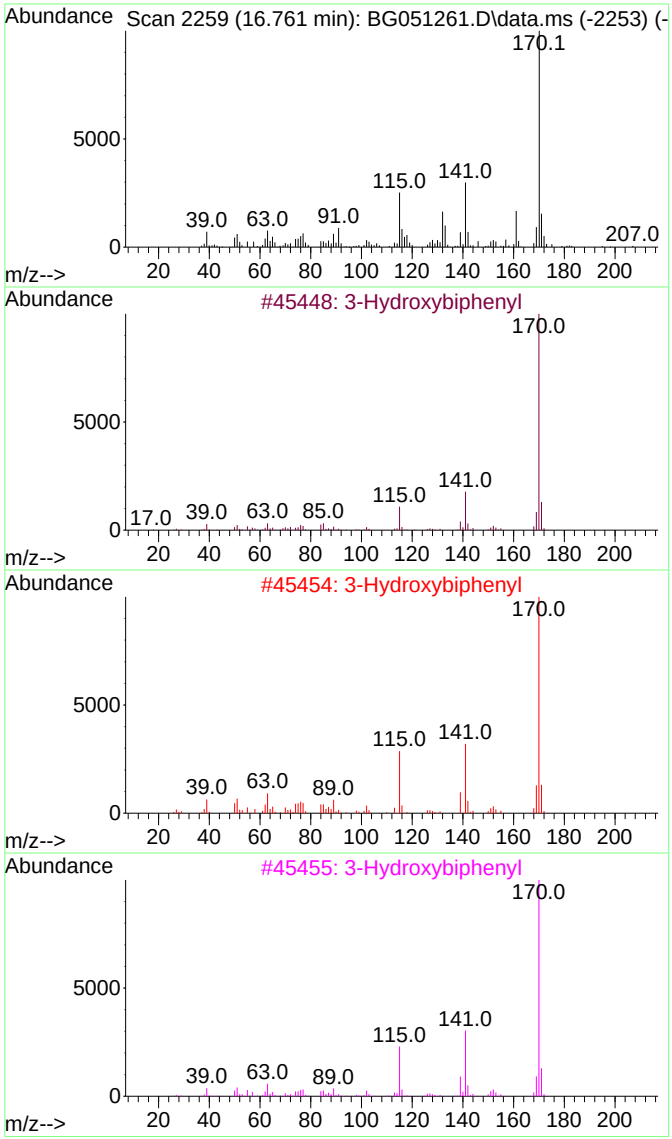
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

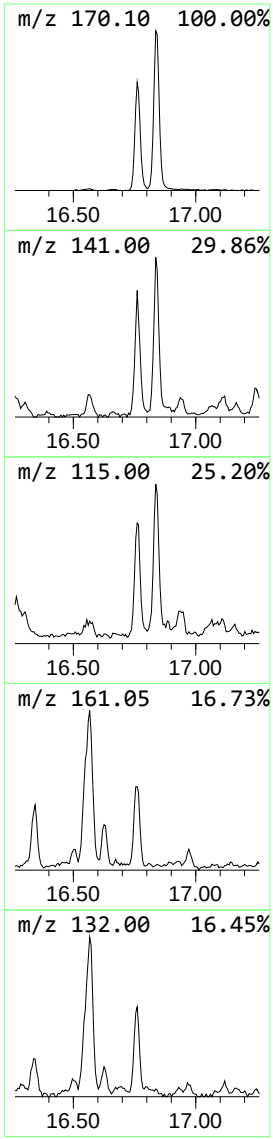
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 47 3-Hydroxybiphenyl Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.761 | 9.28 ng/ul | 239102 | Phenanthrene-d10 | 17.589 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Hydroxybiphenyl | 170 | C12H10O | 000580-51-8 | 93 |
| 2 | 3-Hydroxybiphenyl | 170 | C12H10O | 000580-51-8 | 89 |
| 3 | 3-Hydroxybiphenyl | 170 | C12H10O | 000580-51-8 | 89 |
| 4 | p-Hydroxybiphenyl | 170 | C12H10O | 000092-69-3 | 89 |
| 5 | p-Hydroxybiphenyl | 170 | C12H10O | 000092-69-3 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

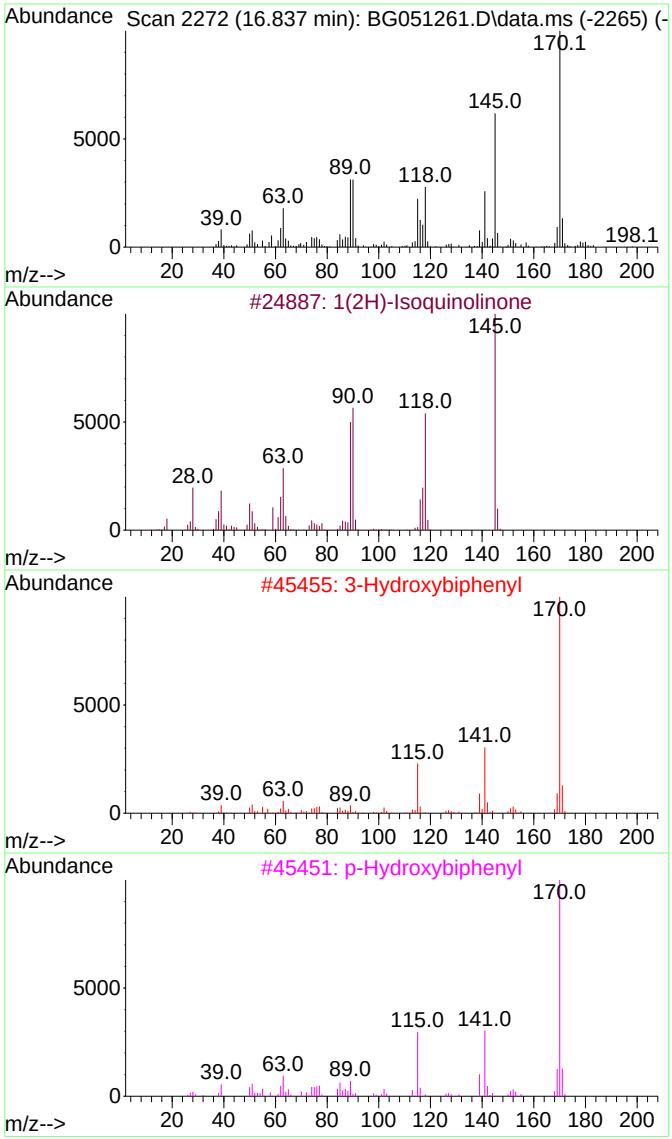
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

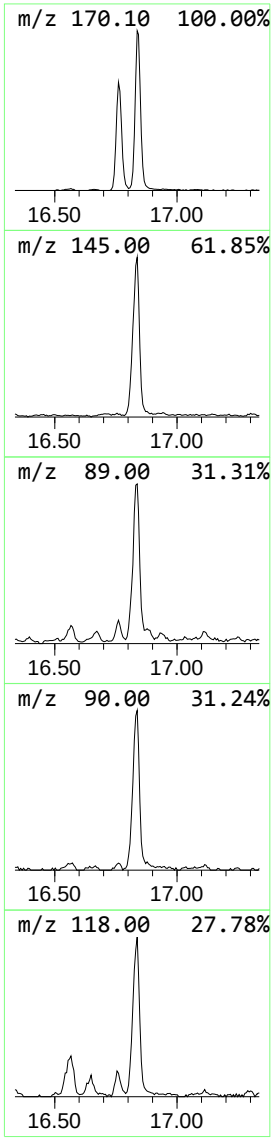
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 48 1(2H)-Isoquinolinone Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.837 | 17.84 ng/ul | 459736 | Phenanthrene-d10 | 17.589 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1(2H)-Isoquinolinone | 145 | C9H7NO | 000491-30-5 | 90 |
| 2 | 3-Hydroxybiphenyl | 170 | C12H10O | 000580-51-8 | 86 |
| 3 | p-Hydroxybiphenyl | 170 | C12H10O | 000092-69-3 | 86 |
| 4 | 3-Hydroxybiphenyl | 170 | C12H10O | 000580-51-8 | 86 |
| 5 | 1(2H)-Isoquinolinone | 145 | C9H7NO | 000491-30-5 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

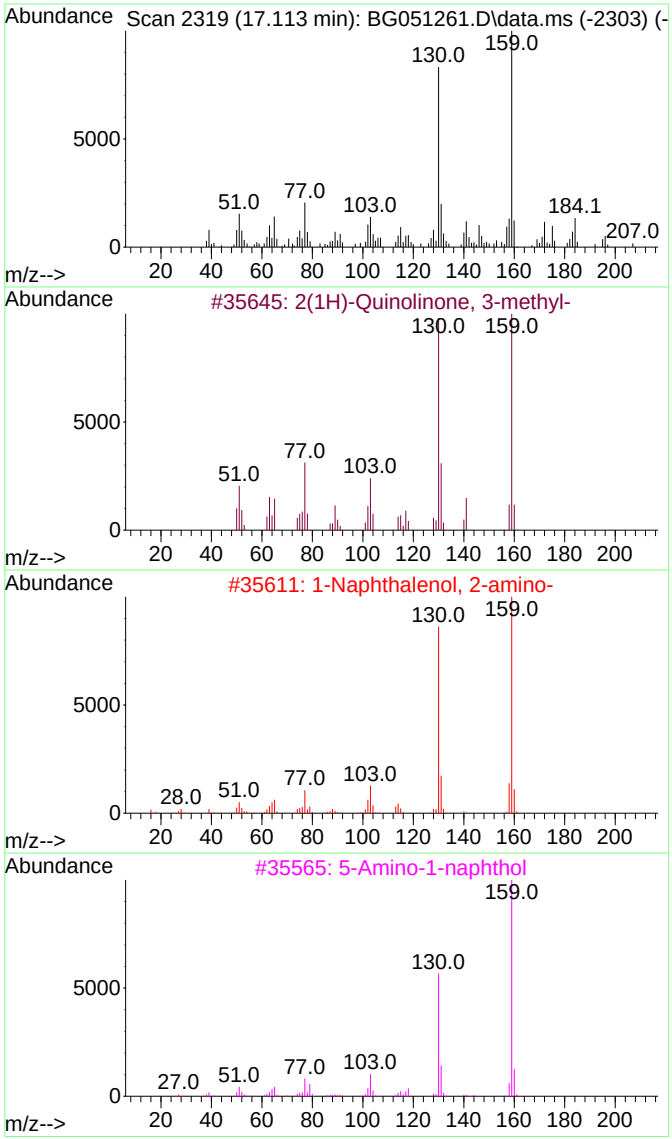
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

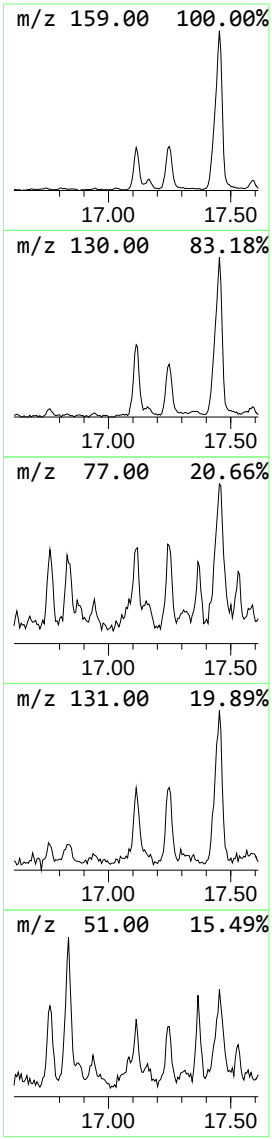
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 50 2(1H)-Quinolinone, 3-methyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.113 | 8.97 ng/ul | 231074 | Phenanthrene-d10 | 17.589 |

| 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 | 5-Amino-1-naphthol | 159 | C10H9NO | 000083-55-6 | 81 |
| 4 | 5-Amino-1-naphthol | 159 | C10H9NO | 000083-55-6 | 81 |
| 5 | 2-(Aminomethylidene)-2,3-dihydro... | 159 | C10H9NO | 053394-92-6 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

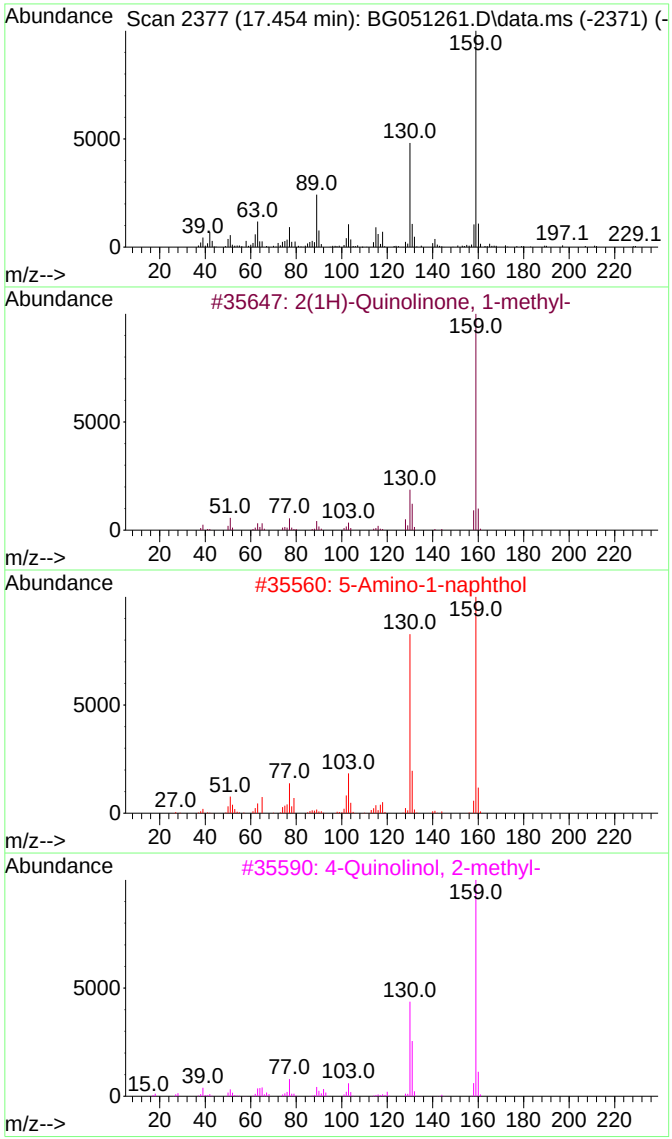
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

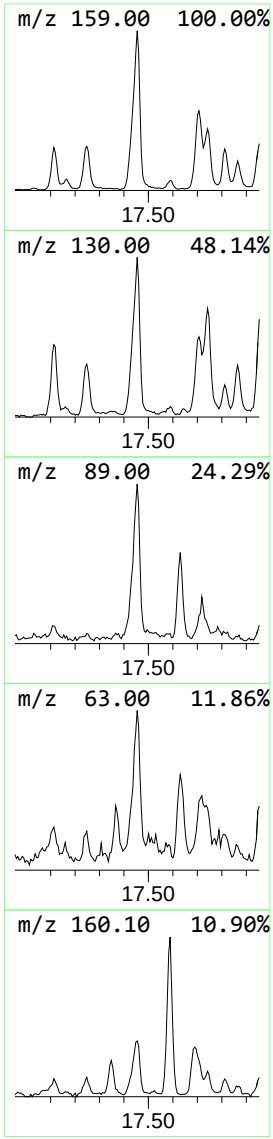
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 53 2(1H)-Quinolinone, 1-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.454 | 10.08 ng/ul | 259717 | Phenanthrene-d10 | 17.589 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2(1H)-Quinolinone, 1-methyl- | 159 | C10H9NO | 000606-43-9 | 83 |
| 2 | 5-Amino-1-naphthol | 159 | C10H9NO | 000083-55-6 | 81 |
| 3 | 4-Quinolinol, 2-methyl- | 159 | C10H9NO | 000607-67-0 | 81 |
| 4 | 2-Naphthalenol, 1-amino- | 159 | C10H9NO | 002834-92-6 | 81 |
| 5 | 2(1H)-Quinolinone, 1-methyl- | 159 | C10H9NO | 000606-43-9 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

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

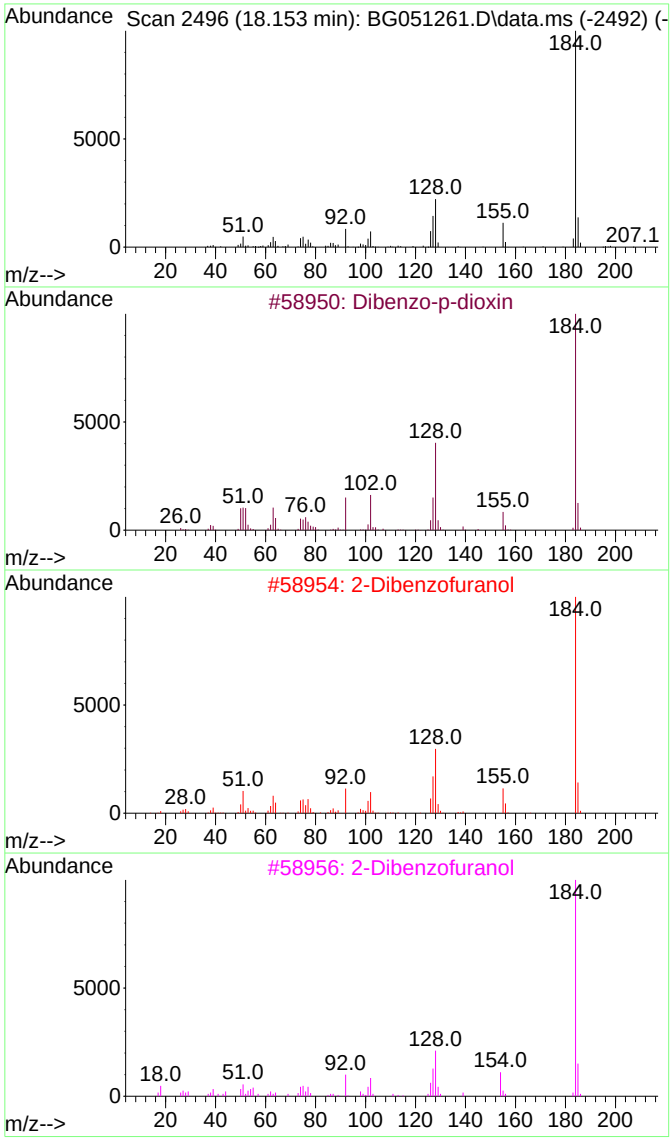
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

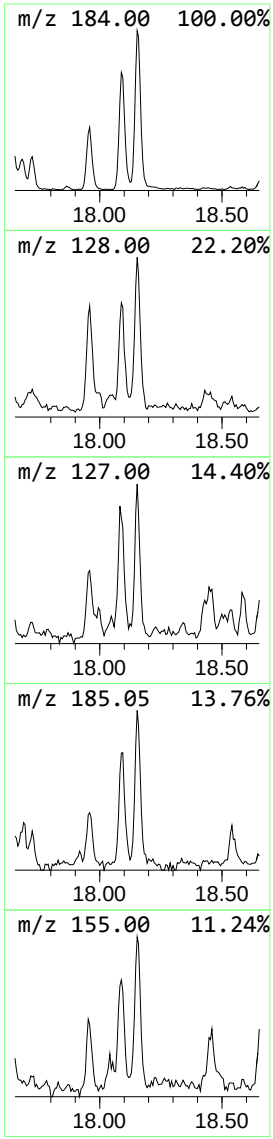
**********

Peak Number 55 Dibenzo-p-dioxin Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.153 | 8.22 ng/ul | 211833 | Phenanthrene-d10 | 17.589 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzo-p-dioxin | 184 | C12H8O2 | 000262-12-4 | 91 |
| 2 | 2-Dibenzofuranol | 184 | C12H8O2 | 000086-77-1 | 90 |
| 3 | 2-Dibenzofuranol | 184 | C12H8O2 | 000086-77-1 | 87 |
| 4 | Dibenzo-p-dioxin | 184 | C12H8O2 | 000262-12-4 | 86 |
| 5 | 2-Dibenzofuranol | 184 | C12H8O2 | 000086-77-1 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

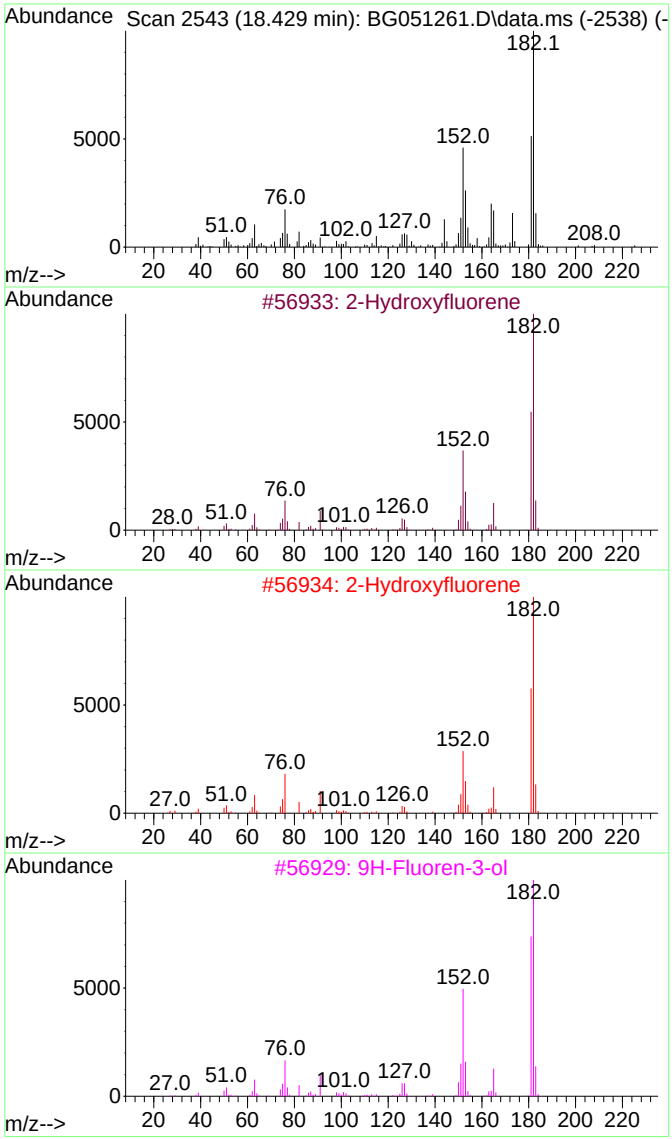
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

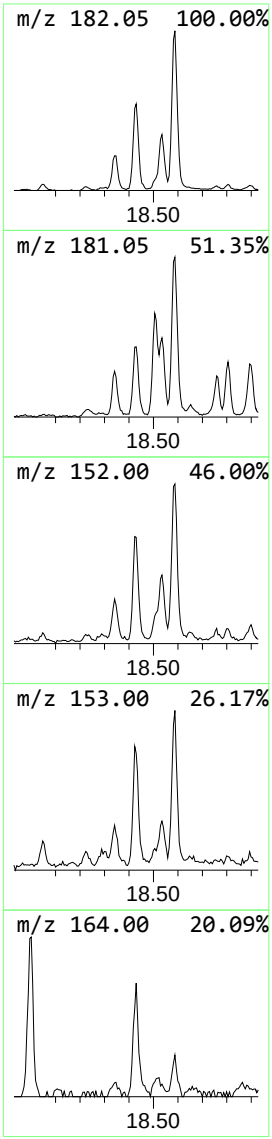
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 57 2-Hydroxyfluorene Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.429 | 9.59 ng/ul | 247079 | Phenanthrene-d10 | 17.589 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hydroxyfluorene | 182 | C13H10O | 002443-58-5 | 95 |
| 2 | 2-Hydroxyfluorene | 182 | C13H10O | 002443-58-5 | 86 |
| 3 | 9H-Fluoren-3-ol | 182 | C13H10O | 006344-67-8 | 64 |
| 4 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 60 |
| 5 | 5H-Indeno[1,2-b]pyridin-4-ylamine | 182 | C12H10N2 | 1000303-41-6 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

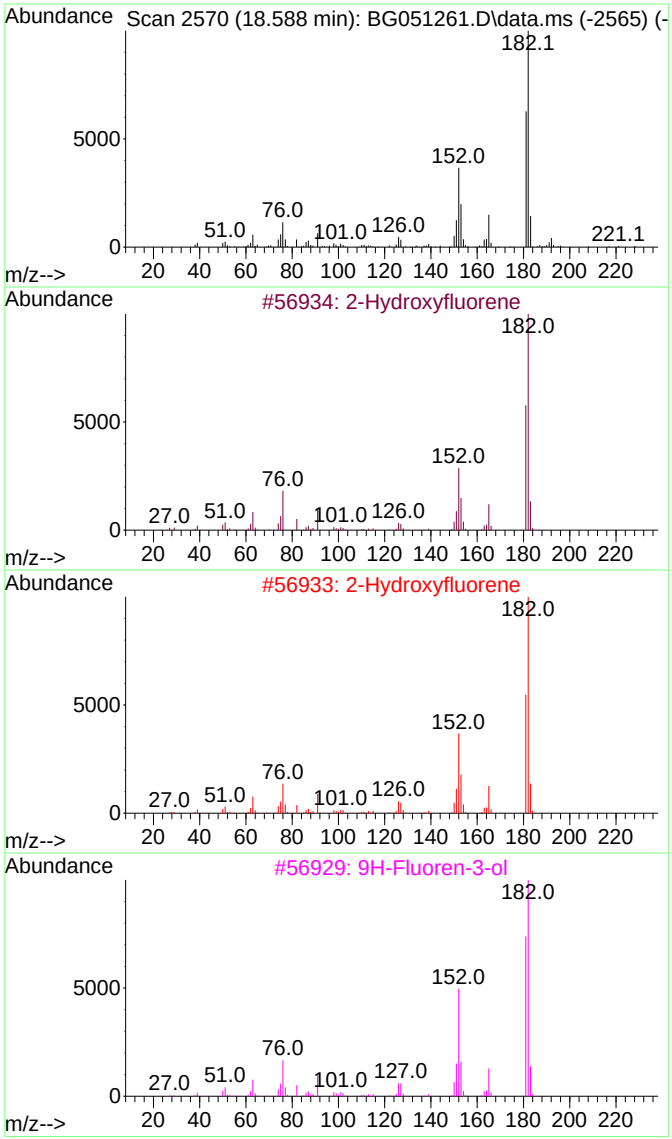
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

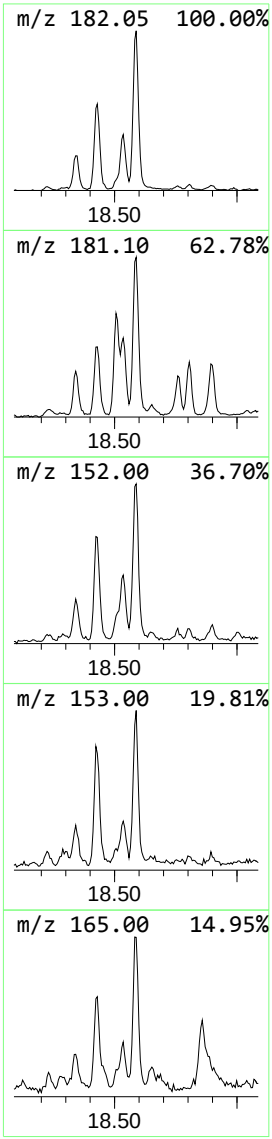
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 59 9H-Fluoren-3-ol Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.588 | 8.80 ng/ul | 226746 | Phenanthrene-d10 | 17.589 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hydroxyfluorene | 182 | C13H10O | 002443-58-5 | 94 |
| 2 | 2-Hydroxyfluorene | 182 | C13H10O | 002443-58-5 | 93 |
| 3 | 9H-Fluoren-3-ol | 182 | C13H10O | 006344-67-8 | 93 |
| 4 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 74 |
| 5 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

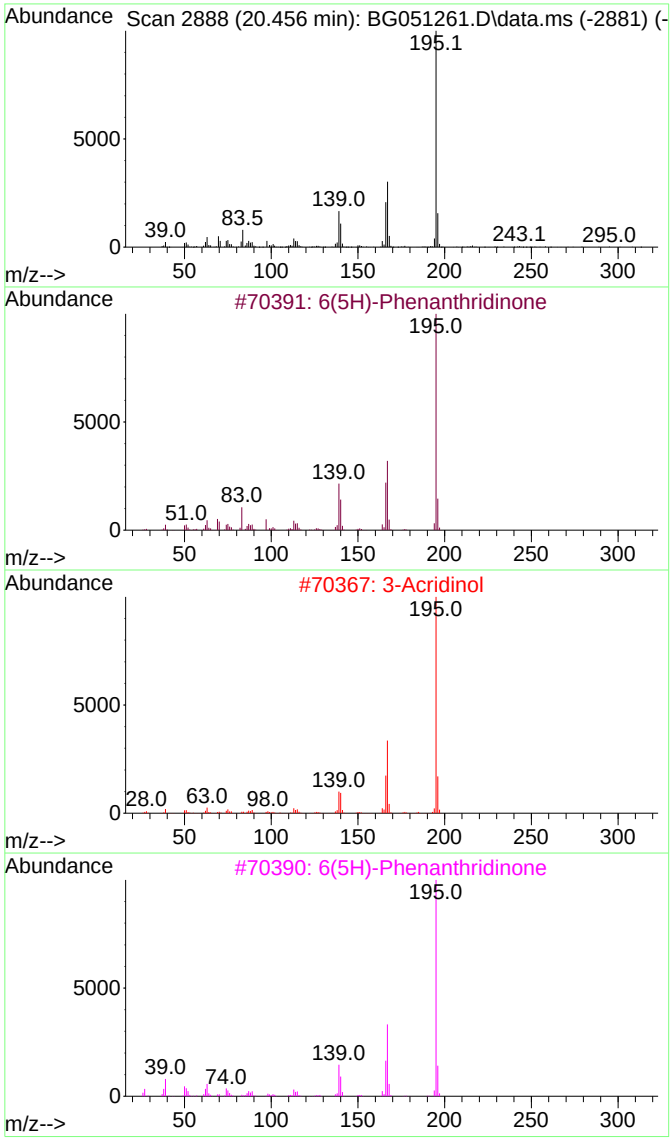
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

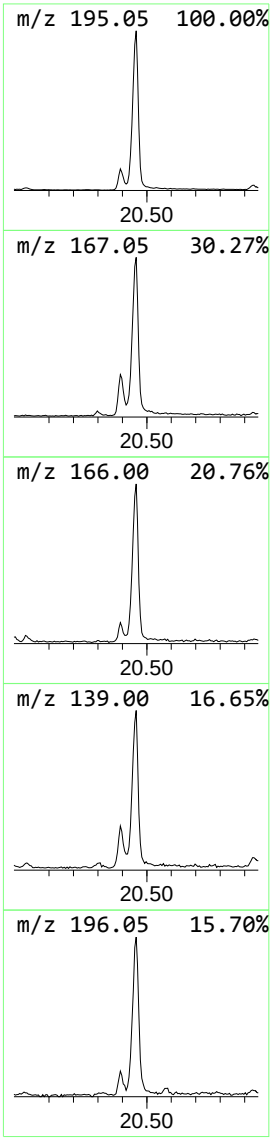
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 65 6(5H)-Phenanthridinone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.456 | 24.17 ng/ul | 577215 | Chrysene-d12 | 21.890 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

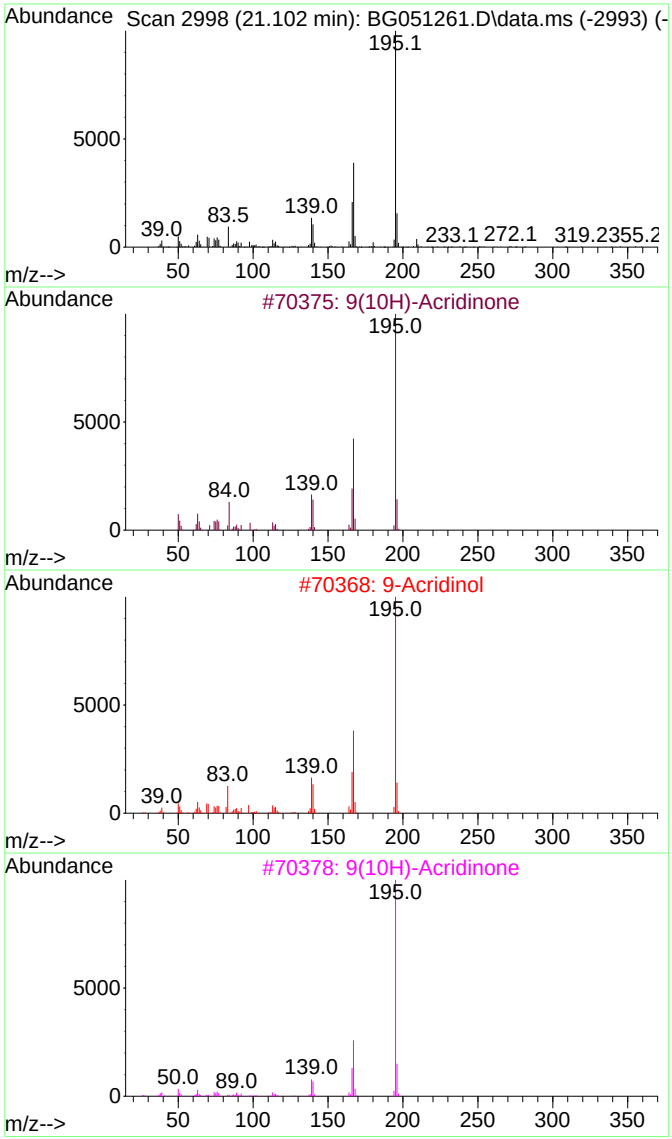
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

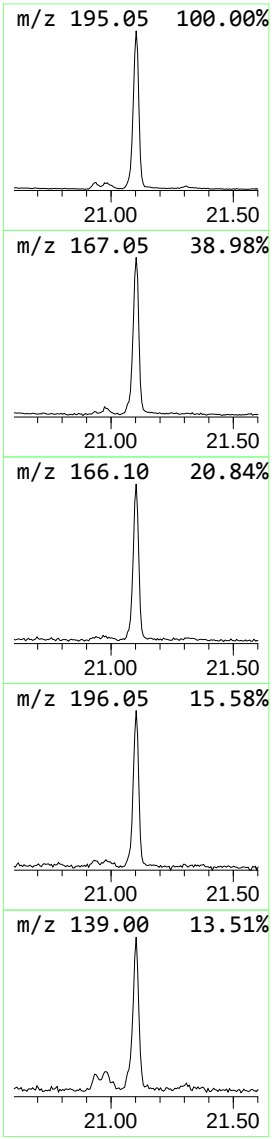
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 66 9(10H)-Acridinone Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.102 | 17.18 ng/ul | 410350 | Chrysene-d12 | 21.890 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9(10H)-Acridinone | 195 | C13H9NO | 000578-95-0 | 98 |
| 2 | 9-Acridinol | 195 | C13H9NO | 000643-62-9 | 97 |
| 3 | 9(10H)-Acridinone | 195 | C13H9NO | 000578-95-0 | 97 |
| 4 | 4-Amino-9-fluorenone | 195 | C13H9NO | 004269-15-2 | 97 |
| 5 | 6(5H)-Phenanthridinone | 195 | C13H9NO | 001015-89-0 | 96 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112621\
Data File : BG051261.D
Acq On : 26 Nov 2021 17:21
Operator : CG/JU
Sample : M4725-10DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
F4L19DL

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 |
| Toluene | 4.316 | 9.7 | ng/ul | 113412 | 1 | 8.206 | 232822 | 20.0 |
| Ethylbenzene | 5.668 | 9.2 | ng/ul | 107442 | 1 | 8.206 | 232822 | 20.0 |
| Benzene, 1,3-di... | 5.803 | 13.3 | ng/ul | 154883 | 1 | 8.206 | 232822 | 20.0 |
| Benzofuran | 7.918 | 20.8 | ng/ul | 242649 | 1 | 8.206 | 232822 | 20.0 |
| Indane | 8.576 | 44.7 | ng/ul | 520776 | 1 | 8.206 | 232822 | 20.0 |
| Indene | 8.740 | 50.0 | ng/ul | 582276 | 1 | 8.206 | 232822 | 20.0 |
| Benzonitrile, 2... | 9.058 | 8.5 | ng/ul | 98640 | 1 | 8.206 | 232822 | 20.0 |
| Benzofuran, 2-m... | 9.692 | 8.4 | ng/ul | 138274 | 2 | 11.038 | 328592 | 20.0 |
| Cyclohexanemeth... | 10.374 | 19.6 | ng/ul | 322064 | 2 | 11.038 | 328592 | 20.0 |
| Camphor | 10.433 | 7.5 | ng/ul | 122864 | 2 | 11.038 | 328592 | 20.0 |
| Phenol, 3,5-dim... | 10.503 | 15.3 | ng/ul | 250603 | 2 | 11.038 | 328592 | 20.0 |
| Phenol, 4-ethyl... | 11.561 | 10.7 | ng/ul | 176083 | 2 | 11.038 | 328592 | 20.0 |
| Phenol, 2-ethyl... | 11.849 | 18.2 | ng/ul | 298970 | 2 | 11.038 | 328592 | 20.0 |
| Phenol, 2,4,5-t... | 12.043 | 8.0 | ng/ul | 130948 | 2 | 11.038 | 328592 | 20.0 |
| Phenol, 2,3,6-t... | 12.095 | 9.9 | ng/ul | 162743 | 2 | 11.038 | 328592 | 20.0 |
| 1H-Inden-1-one,... | 12.407 | 7.6 | ng/ul | 124706 | 2 | 11.038 | 328592 | 20.0 |
| Quinoline, 2-me... | 12.795 | 23.3 | ng/ul | 382482 | 2 | 11.038 | 328592 | 20.0 |
| Naphthalene, 1,... | 14.158 | 7.0 | ng/ul | 204472 | 3 | 14.839 | 581437 | 20.0 |
| 1-Naphthalenol,... | 16.026 | 14.7 | ng/ul | 427483 | 3 | 14.839 | 581437 | 20.0 |
| unknown-01 | 16.308 | 9.3 | ng/ul | 240686 | 4 | 17.589 | 515272 | 20.0 |
| 1(2H)-Acenaphth... | 16.567 | 9.9 | ng/ul | 254027 | 4 | 17.589 | 515272 | 20.0 |
| 3-Hydroxybiphenyl | 16.761 | 9.3 | ng/ul | 239102 | 4 | 17.589 | 515272 | 20.0 |
| 1(2H)-Isoquinol... | 16.837 | 17.8 | ng/ul | 459736 | 4 | 17.589 | 515272 | 20.0 |
| 2(1H)-Quinolino... | 17.113 | 9.0 | ng/ul | 231074 | 4 | 17.589 | 515272 | 20.0 |
| 2(1H)-Quinolino... | 17.454 | 10.1 | ng/ul | 259717 | 4 | 17.589 | 515272 | 20.0 |
| Dibenzo-p-dioxin | 18.153 | 8.2 | ng/ul | 211833 | 4 | 17.589 | 515272 | 20.0 |
| 2-Hydroxyfluorene | 18.429 | 9.6 | ng/ul | 247079 | 4 | 17.589 | 515272 | 20.0 |
| 9H-Fluoren-3-ol | 18.588 | 8.8 | ng/ul | 226746 | 4 | 17.589 | 515272 | 20.0 |
| 6(5H)-Phenanthr... | 20.456 | 24.2 | ng/ul | 577215 | 5 | 21.890 | 477587 | 20.0 |
| 9(10H)-Acridinone | 21.102 | 17.2 | ng/ul | 410350 | 5 | 21.890 | 477587 | 20.0 |