LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

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_M\Methods\SFAM-EPA-BM111323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM042893.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.175 | 28 | 32 | 35 | rBV3 | 8936 | 10448 | 0.96% | 0.098% |
| 2 | 3.616 | 105 | 107 | 121 | rBV | 37325 | 74554 | 6.86% | 0.697% |
| 3 | 4.263 | 213 | 217 | 220 | rBV6 | 3243 | 5338 | 0.49% | 0.050% |
| 4 | 4.734 | 295 | 297 | 302 | rVB5 | 1501 | 2223 | 0.20% | 0.021% |
| 5 | 5.310 | 393 | 395 | 398 | rBV3 | 1464 | 1936 | 0.18% | 0.018% |
| 6 | 6.063 | 518 | 523 | 526 | rBV5 | 1083 | 1853 | 0.17% | 0.017% |
| 7 | 6.322 | 562 | 567 | 570 | rBV6 | 4151 | 6574 | 0.60% | 0.061% |
| 8 | 6.993 | 672 | 681 | 689 | rBV3 | 19991 | 53762 | 4.95% | 0.502% |
| 9 | 7.163 | 704 | 710 | 727 | rBV | 106763 | 196160 | 18.05% | 1.833% |
| 10 | 7.340 | 733 | 740 | 752 | rBV | 111134 | 213850 | 19.67% | 1.998% |
| 11 | 7.546 | 774 | 775 | 778 | rVB3 | 2399 | 2294 | 0.21% | 0.021% |
| 12 | 7.816 | 815 | 821 | 832 | rBV | 100522 | 186977 | 17.20% | 1.747% |
| 13 | 7.916 | 834 | 838 | 842 | rVB2 | 8838 | 13105 | 1.21% | 0.122% |
| 14 | 8.540 | 937 | 944 | 956 | rBV2 | 67259 | 146580 | 13.49% | 1.370% |
| 15 | 8.657 | 960 | 964 | 967 | rVB4 | 3453 | 4240 | 0.39% | 0.040% |
| 16 | 8.928 | 1005 | 1010 | 1019 | rBV6 | 3565 | 7314 | 0.67% | 0.068% |
| 17 | 9.016 | 1019 | 1025 | 1038 | rBV | 127539 | 253404 | 23.31% | 2.368% |
| 18 | 9.187 | 1050 | 1054 | 1060 | rVB3 | 10662 | 18346 | 1.69% | 0.171% |
| 19 | 9.728 | 1140 | 1146 | 1159 | rBV | 108719 | 210536 | 19.37% | 1.967% |
| 20 | 9.904 | 1175 | 1176 | 1184 | rVB6 | 2304 | 2835 | 0.26% | 0.026% |
| 21 | 10.004 | 1188 | 1193 | 1200 | rBV8 | 1592 | 3320 | 0.31% | 0.031% |
| 22 | 10.092 | 1203 | 1208 | 1209 | rBV3 | 4127 | 5280 | 0.49% | 0.049% |
| 23 | 10.128 | 1211 | 1214 | 1222 | rVB3 | 4599 | 8413 | 0.77% | 0.079% |
| 24 | 10.251 | 1229 | 1235 | 1250 | rBV2 | 132142 | 287389 | 26.44% | 2.685% |
| 25 | 10.622 | 1292 | 1298 | 1310 | rBV | 134212 | 236430 | 21.75% | 2.209% |
| 26 | 10.804 | 1323 | 1329 | 1342 | rBV | 86297 | 210487 | 19.37% | 1.967% |
| 27 | 10.992 | 1358 | 1361 | 1362 | rBV2 | 2068 | 1854 | 0.17% | 0.017% |
| 28 | 11.134 | 1382 | 1385 | 1390 | rBV5 | 1516 | 2696 | 0.25% | 0.025% |
| 29 | 11.328 | 1412 | 1418 | 1424 | rBV4 | 14934 | 33061 | 3.04% | 0.309% |
| 30 | 11.404 | 1429 | 1431 | 1432 | rVV2 | 2556 | 2231 | 0.21% | 0.021% |
| 31 | 11.634 | 1465 | 1470 | 1476 | rBV2 | 2690 | 5317 | 0.49% | 0.050% |
| 32 | 11.686 | 1476 | 1479 | 1480 | rBV3 | 2601 | 2817 | 0.26% | 0.026% |
| 33 | 11.816 | 1497 | 1501 | 1503 | rBV4 | 1805 | 2277 | 0.21% | 0.021% |
| 34 | 11.981 | 1525 | 1529 | 1532 | rBV4 | 2855 | 4955 | 0.46% | 0.046% |
| 35 | 12.016 | 1532 | 1535 | 1540 | rVB6 | 5388 | 8410 | 0.77% | 0.079% |
| 36 | 12.151 | 1555 | 1558 | 1567 | rVV3 | 6124 | 11295 | 1.04% | 0.106% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

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_M\Methods\SFAM-EPA-BM111323.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.228 | 1569 | 1571 | 1576 | rVB5 | 1625 | 2399 | 0.22% | 0.022% |
| 38 | 12.292 | 1576 | 1582 | 1584 | rBV5 | 2445 | 3834 | 0.35% | 0.036% |
| 39 | 12.328 | 1584 | 1588 | 1589 | rVV3 | 2663 | 2639 | 0.24% | 0.025% |
| 40 | 12.433 | 1602 | 1606 | 1607 | rBV4 | 2483 | 2786 | 0.26% | 0.026% |
| 41 | 12.522 | 1617 | 1621 | 1623 | rVV4 | 5164 | 8579 | 0.79% | 0.080% |
| 42 | 12.545 | 1623 | 1625 | 1629 | rVV5 | 4551 | 7921 | 0.73% | 0.074% |
| 43 | 12.633 | 1633 | 1640 | 1644 | rVV7 | 5069 | 9718 | 0.89% | 0.091% |
| 44 | 12.675 | 1644 | 1647 | 1652 | rVV6 | 2579 | 4416 | 0.41% | 0.041% |
| 45 | 12.745 | 1656 | 1659 | 1662 | rVV4 | 3684 | 4335 | 0.40% | 0.041% |
| 46 | 12.786 | 1662 | 1666 | 1669 | rVV4 | 1745 | 3308 | 0.30% | 0.031% |
| 47 | 12.810 | 1669 | 1670 | 1674 | rVV4 | 1820 | 2299 | 0.21% | 0.021% |
| 48 | 12.957 | 1690 | 1695 | 1697 | rBV4 | 2435 | 3584 | 0.33% | 0.033% |
| 49 | 12.998 | 1700 | 1702 | 1706 | rVV5 | 1739 | 2150 | 0.20% | 0.020% |
| 50 | 13.051 | 1710 | 1711 | 1717 | rVB5 | 1798 | 2082 | 0.19% | 0.019% |
| 51 | 13.316 | 1749 | 1756 | 1760 | rBV4 | 20007 | 36719 | 3.38% | 0.343% |
| 52 | 13.422 | 1770 | 1774 | 1775 | rBV4 | 2828 | 3423 | 0.31% | 0.032% |
| 53 | 13.557 | 1790 | 1797 | 1802 | rBV10 | 4761 | 9539 | 0.88% | 0.089% |
| 54 | 13.604 | 1802 | 1805 | 1808 | rVV5 | 2716 | 3347 | 0.31% | 0.031% |
| 55 | 13.745 | 1825 | 1829 | 1831 | rBV4 | 2335 | 3630 | 0.33% | 0.034% |
| 56 | 13.822 | 1836 | 1842 | 1844 | rVV3 | 11367 | 22748 | 2.09% | 0.213% |
| 57 | 13.892 | 1847 | 1854 | 1859 | rVV | 365104 | 514904 | 47.37% | 4.811% |
| 58 | 13.939 | 1859 | 1862 | 1873 | rVB2 | 45638 | 70935 | 6.53% | 0.663% |
| 59 | 14.169 | 1895 | 1901 | 1910 | rBV | 364152 | 524267 | 48.23% | 4.899% |
| 60 | 14.410 | 1939 | 1942 | 1944 | rBV3 | 2448 | 2788 | 0.26% | 0.026% |
| 61 | 14.469 | 1947 | 1952 | 1961 | rVB | 198982 | 297771 | 27.40% | 2.782% |
| 62 | 14.704 | 1988 | 1992 | 1998 | rVB6 | 7244 | 13068 | 1.20% | 0.122% |
| 63 | 14.774 | 1998 | 2004 | 2009 | rBV8 | 6612 | 16481 | 1.52% | 0.154% |
| 64 | 14.974 | 2035 | 2038 | 2044 | rVB8 | 6346 | 10590 | 0.97% | 0.099% |
| 65 | 15.110 | 2057 | 2061 | 2070 | rVB5 | 11983 | 22305 | 2.05% | 0.208% |
| 66 | 15.174 | 2070 | 2072 | 2073 | rBV2 | 2898 | 1891 | 0.17% | 0.018% |
| 67 | 15.339 | 2096 | 2100 | 2105 | rBV8 | 3453 | 5574 | 0.51% | 0.052% |
| 68 | 15.463 | 2115 | 2121 | 2131 | rBV | 469051 | 688688 | 63.36% | 6.435% |
| 69 | 15.557 | 2132 | 2137 | 2141 | rVV3 | 27481 | 42459 | 3.91% | 0.397% |
| 70 | 15.616 | 2141 | 2147 | 2160 | rVB | 170733 | 285174 | 26.24% | 2.665% |
| 71 | 15.739 | 2165 | 2168 | 2172 | rVB6 | 8915 | 13313 | 1.22% | 0.124% |
| 72 | 15.880 | 2188 | 2192 | 2195 | rBV | 10142 | 12588 | 1.16% | 0.118% |
| 73 | 15.916 | 2196 | 2198 | 2203 | rVB4 | 5087 | 5641 | 0.52% | 0.053% |
| 74 | 16.063 | 2221 | 2223 | 2226 | rVB3 | 9040 | 7943 | 0.73% | 0.074% |
| 75 | 16.127 | 2232 | 2234 | 2236 | rBV3 | 3583 | 4577 | 0.42% | 0.043% |
| 76 | 16.180 | 2239 | 2243 | 2248 | rVV | 28456 | 38800 | 3.57% | 0.363% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

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_M\Methods\SFAM-EPA-BM111323.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 16.268 | 2249 | 2258 | 2263 | rVV | 92067 | 152184 | 14.00% | 1.422% |
| 78 | 16.327 | 2264 | 2268 | 2274 | rVV2 | 103924 | 201127 | 18.50% | 1.879% |
| 79 | 16.392 | 2274 | 2279 | 2283 | rVV2 | 94698 | 148577 | 13.67% | 1.388% |
| 80 | 16.433 | 2283 | 2286 | 2291 | rVV2 | 48751 | 65465 | 6.02% | 0.612% |
| 81 | 16.486 | 2291 | 2295 | 2297 | rVV3 | 24413 | 36643 | 3.37% | 0.342% |
| 82 | 16.539 | 2301 | 2304 | 2308 | rVV2 | 24654 | 35104 | 3.23% | 0.328% |
| 83 | 16.592 | 2308 | 2313 | 2320 | rVV5 | 61995 | 118185 | 10.87% | 1.104% |
| 84 | 16.657 | 2320 | 2324 | 2328 | rVV | 83296 | 120196 | 11.06% | 1.123% |
| 85 | 16.698 | 2328 | 2331 | 2334 | rVV3 | 33198 | 52014 | 4.79% | 0.486% |
| 86 | 16.733 | 2334 | 2337 | 2343 | rVV2 | 45704 | 63791 | 5.87% | 0.596% |
| 87 | 16.786 | 2344 | 2346 | 2352 | rVB6 | 8209 | 8971 | 0.83% | 0.084% |
| 88 | 17.027 | 2385 | 2387 | 2391 | rBV5 | 3428 | 2753 | 0.25% | 0.026% |
| 89 | 17.221 | 2415 | 2420 | 2432 | rBV | 245442 | 375011 | 34.50% | 3.504% |
| 90 | 17.321 | 2432 | 2437 | 2452 | rBV | 506200 | 813306 | 74.83% | 7.600% |
| 91 | 17.674 | 2492 | 2497 | 2506 | rBV2 | 23256 | 48400 | 4.45% | 0.452% |
| 92 | 17.857 | 2524 | 2528 | 2534 | rVB9 | 12867 | 19634 | 1.81% | 0.183% |
| 93 | 18.080 | 2563 | 2566 | 2571 | rBV4 | 30614 | 47866 | 4.40% | 0.447% |
| 94 | 18.239 | 2588 | 2593 | 2600 | rBV | 122459 | 177291 | 16.31% | 1.657% |
| 95 | 19.362 | 2781 | 2784 | 2789 | rVB6 | 22454 | 28095 | 2.58% | 0.263% |
| 96 | 19.621 | 2823 | 2828 | 2834 | rBV | 821621 | 1032751 | 95.02% | 9.650% |
| 97 | 20.645 | 2998 | 3002 | 3010 | rBV | 58218 | 112935 | 10.39% | 1.055% |
| 98 | 21.409 | 3127 | 3132 | 3138 | rBV | 345220 | 469567 | 43.20% | 4.388% |
| 99 | 23.615 | 3500 | 3507 | 3521 | rVB | 545179 | 1086932 | 100.00% | 10.157% |
| 100 | 23.768 | 3527 | 3533 | 3543 | rVB | 256400 | 527142 | 48.50% | 4.926% |

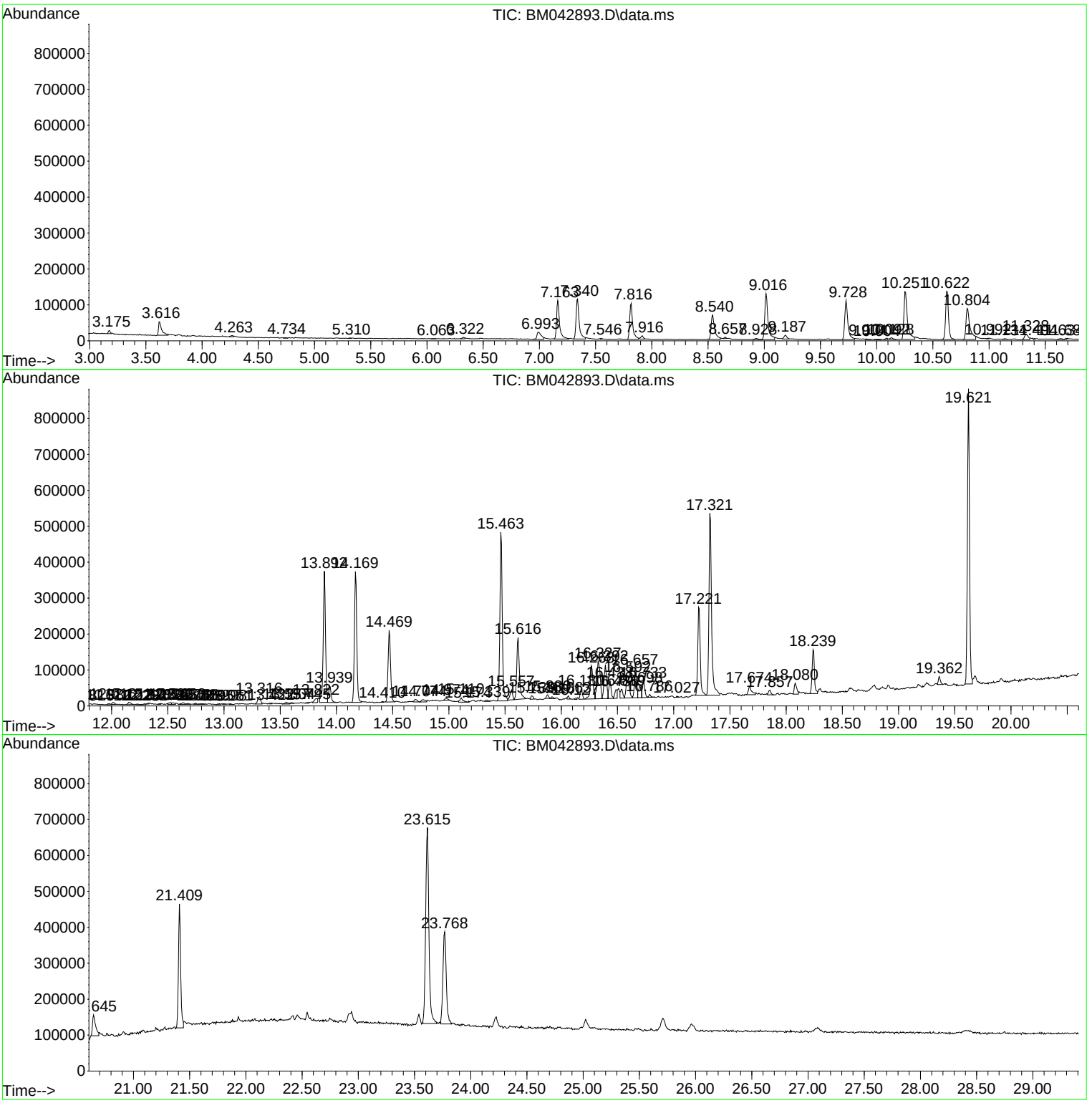
Sum of corrected areas: 10701714

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

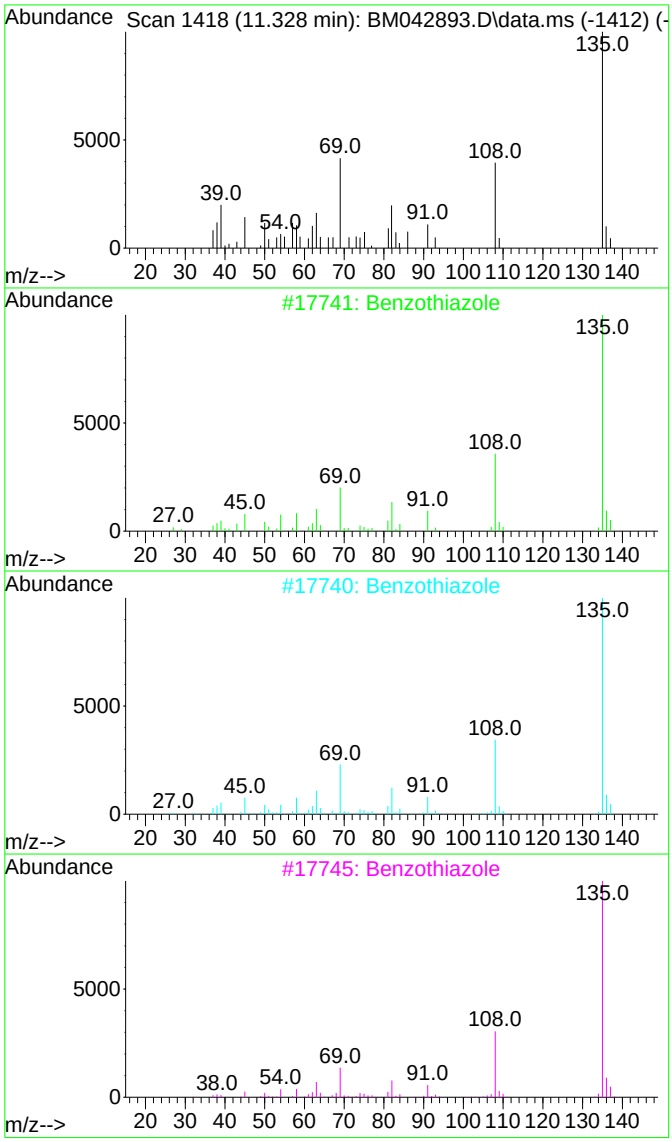
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

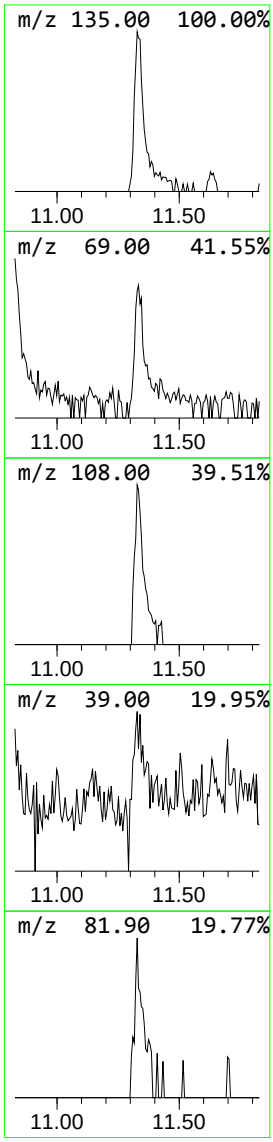
**********

Peak Number 1 Benzothiazole Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.328 | 2.80 ng/ul | 33061 | Naphthalene-d8 | 10.622 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzothiazole | 135 | C7H5NS | 000095-16-9 | 91 |
| 2 | Benzothiazole | 135 | C7H5NS | 000095-16-9 | 91 |
| 3 | Benzothiazole | 135 | C7H5NS | 000095-16-9 | 90 |
| 4 | Benzothiazole | 135 | C7H5NS | 000095-16-9 | 86 |
| 5 | Benzothiazole | 135 | C7H5NS | 000095-16-9 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

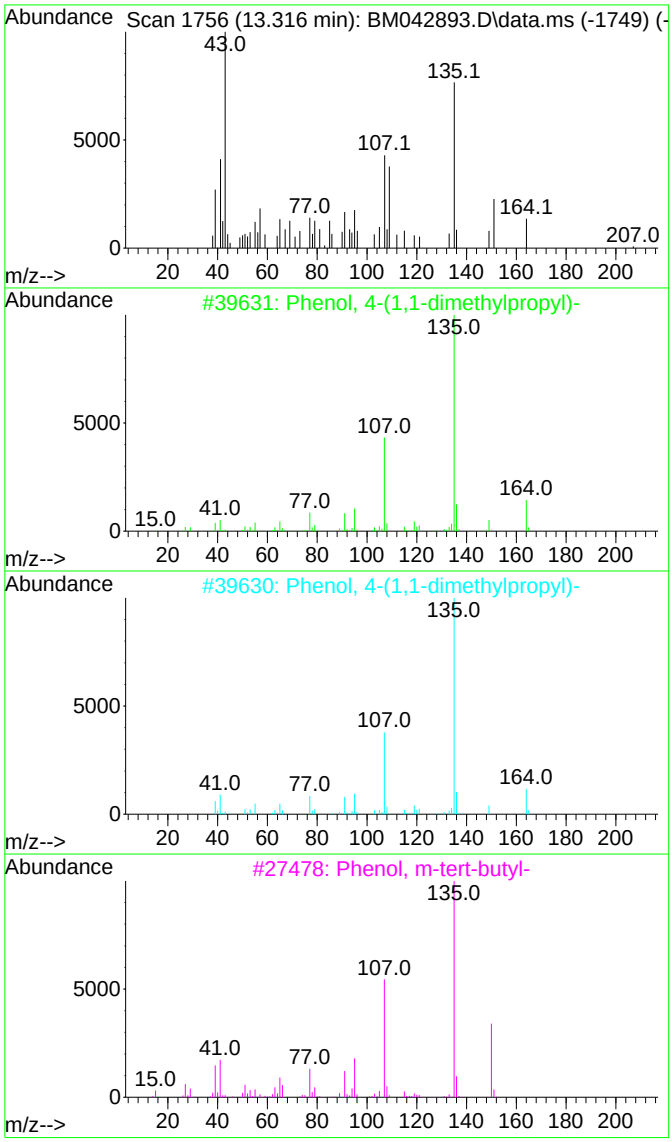
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

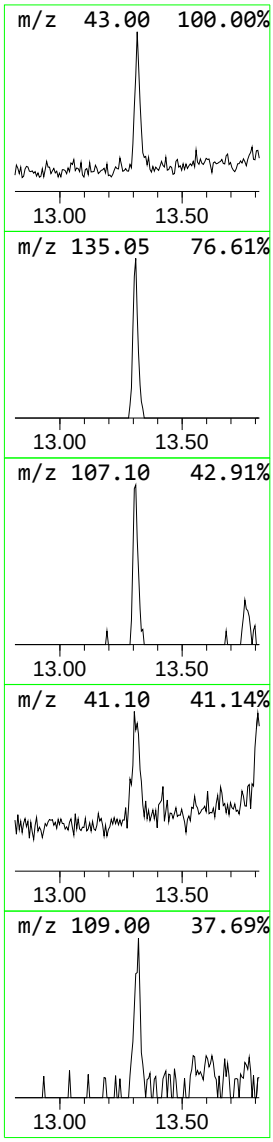
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Phenol, 4-(1,1-dimethylprop... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.316 | 2.47 ng/ul | 36719 | Acenaphthene-d10 | 14.469 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4-(1,1-dimethylpropyl)- | 164 | C11H16O | 000080-46-6 | 58 |
| 2 | Phenol, 4-(1,1-dimethylpropyl)- | 164 | C11H16O | 000080-46-6 | 58 |
| 3 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 50 |
| 4 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 50 |
| 5 | Imidazo[1,2-c]pyrimidin-5-ol | 135 | C6H5N3O | 055662-66-3 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

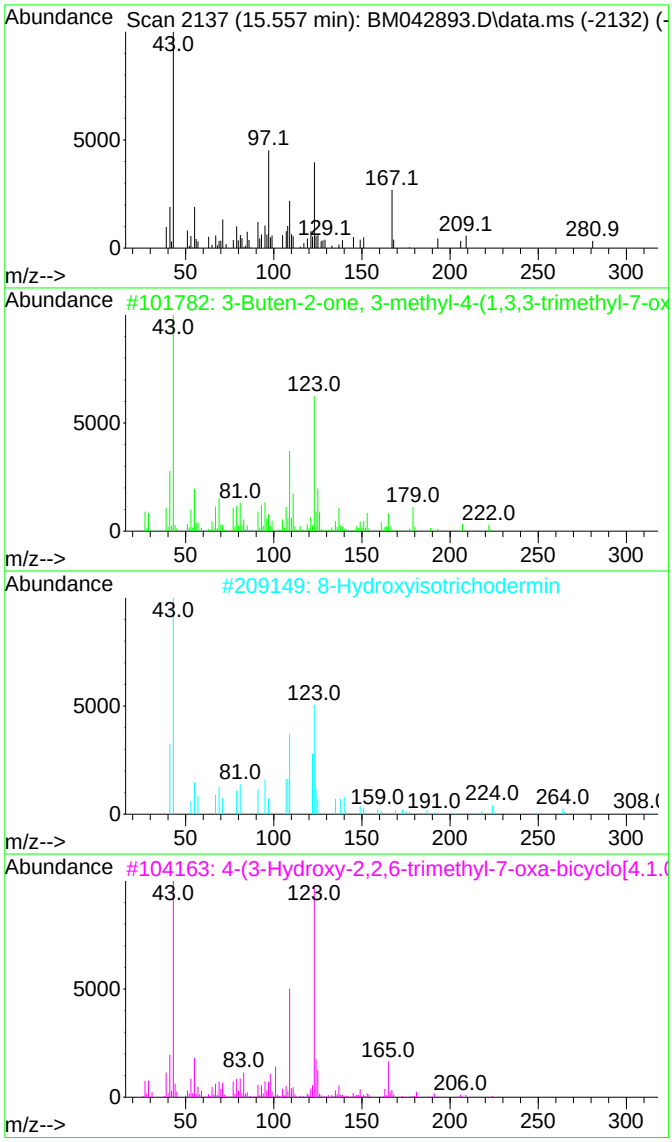
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

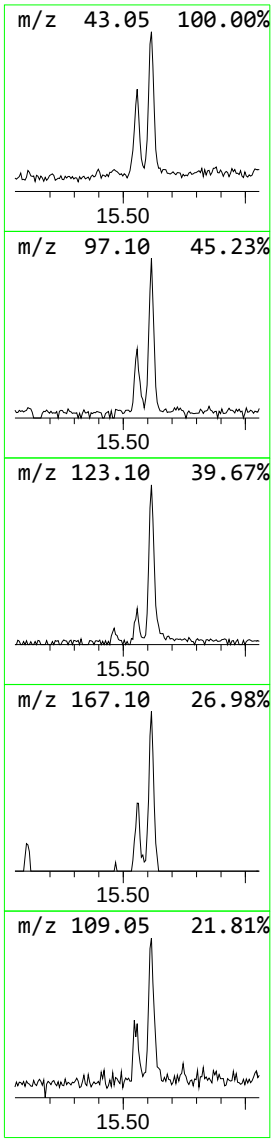
**********

Peak Number 3 unknown-01 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.557 | 2.85 ng/ul | 42459 | Acenaphthene-d10 | 14.469 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Buten-2-one, 3-methyl-4-(1,3,3... | 222 | C14H22O2 | 097371-44-3 | 25 |
| 2 | 8-Hydroxyisotrichodermin | 308 | C17H24O5 | 1000105-55-0 | 16 |
| 3 | 4-(3-Hydroxy-2,2,6-trimethyl-7-o... | 224 | C13H20O3 | 1000190-36-6 | 16 |
| 4 | 2,4-Pentanedione, 3-(2-propenyl)- | 140 | C8H12O2 | 003508-78-9 | 14 |
| 5 | E-9-Methyl-8-tridecen-2-ol, acetate | 254 | C16H30O2 | 1000131-35-6 | 14 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

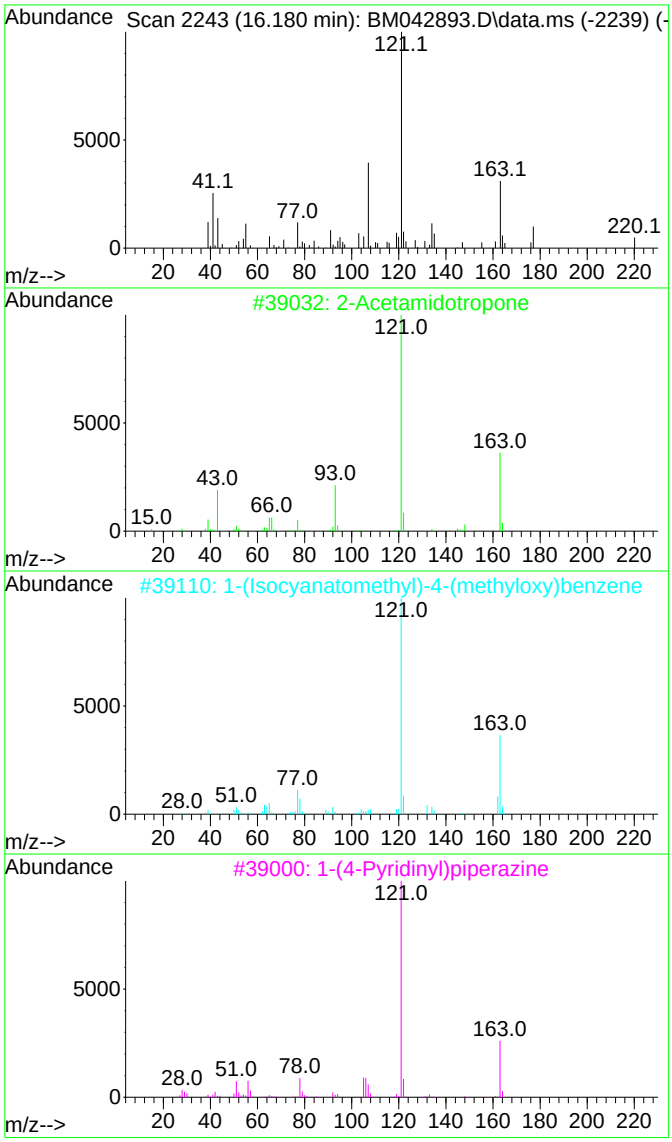
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

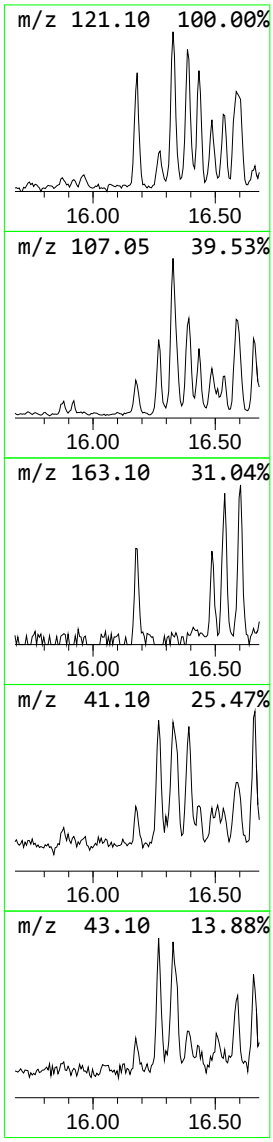
**********

Peak Number 4 unknown-02 Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.180 | 2.07 ng/ul | 38800 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Acetamidotropone | 163 | C9H9NO2 | 006422-12-4 | 49 |
| 2 | 1-(Isocyanatomethyl)-4-(methylox... | 163 | C9H9NO2 | 056651-60-6 | 47 |
| 3 | 1-(4-Pyridinyl)piperazine | 163 | C9H13N3 | 001008-91-9 | 47 |
| 4 | hydrazine, (4-butylphenyl)- | 164 | C10H16N2 | 1000404-47-9 | 43 |
| 5 | 3-(4-Methoxyphenyl)propanohydrazide | 194 | C10H14N2O2 | 1000484-58-9 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

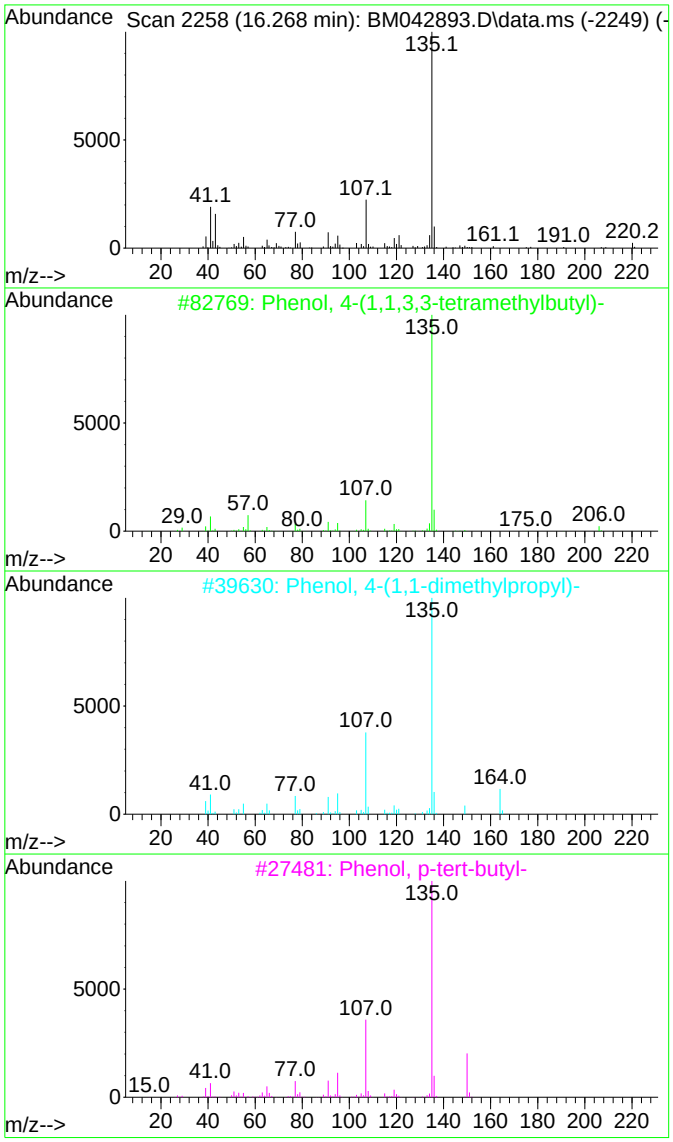
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

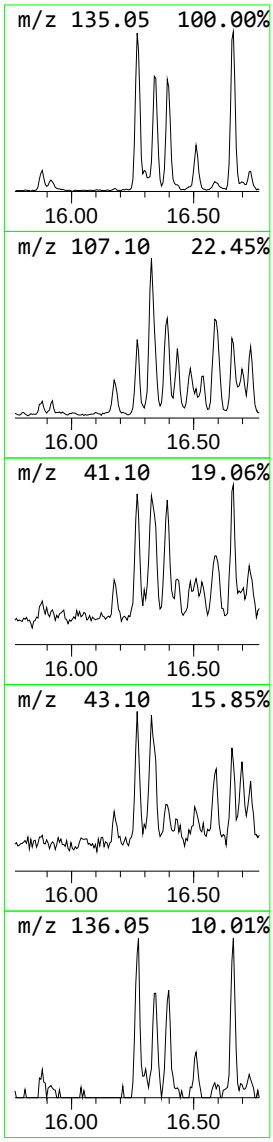
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.269 | 8.12 ng/ul | 152184 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4-(1,1,3,3-tetramethylbu... | 206 | C14H22O | 000140-66-9 | 86 |
| 2 | Phenol, 4-(1,1-dimethylpropyl)- | 164 | C11H16O | 000080-46-6 | 78 |
| 3 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 78 |
| 4 | Phenol, 4-(1,1,3,3-tetramethylbu... | 206 | C14H22O | 000140-66-9 | 72 |
| 5 | ((1,2-Diethylethylene)bis(p-phen... | 354 | C22H26O4 | 004547-76-6 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

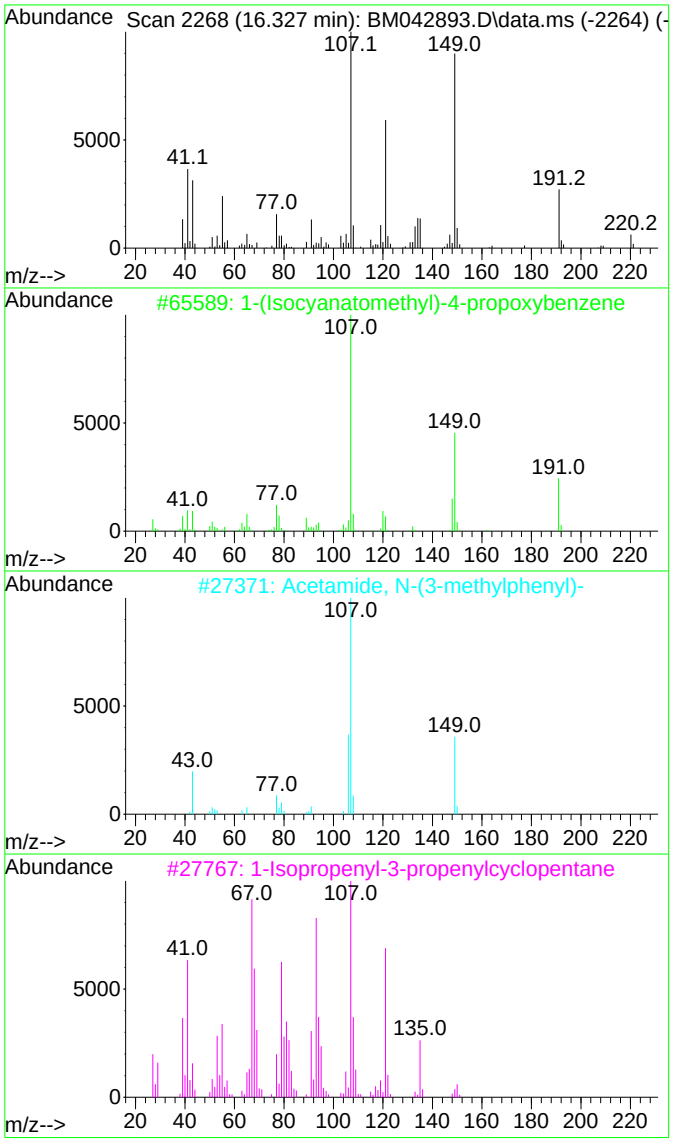
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

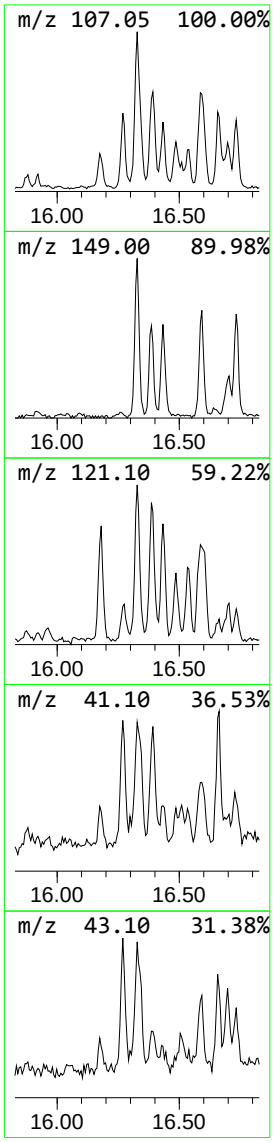
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 1-(Isocyanatomethyl)-4-prop... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.327 | 10.73 ng/ul | 201127 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-(Isocyanatomethyl)-4-propoxybe... | 191 | C11H13NO2 | 936095-07-7 | 74 |
| 2 | Acetamide, N-(3-methylphenyl)- | 149 | C9H11NO | 000537-92-8 | 58 |
| 3 | 1-Isopropenyl-3-propenylcyclopen... | 150 | C11H18 | 1000192-81-2 | 46 |
| 4 | Acetamide, N-(4-methylphenyl)- | 149 | C9H11NO | 000103-89-9 | 46 |
| 5 | Acetamide, N-(2-methylphenyl)- | 149 | C9H11NO | 000120-66-1 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

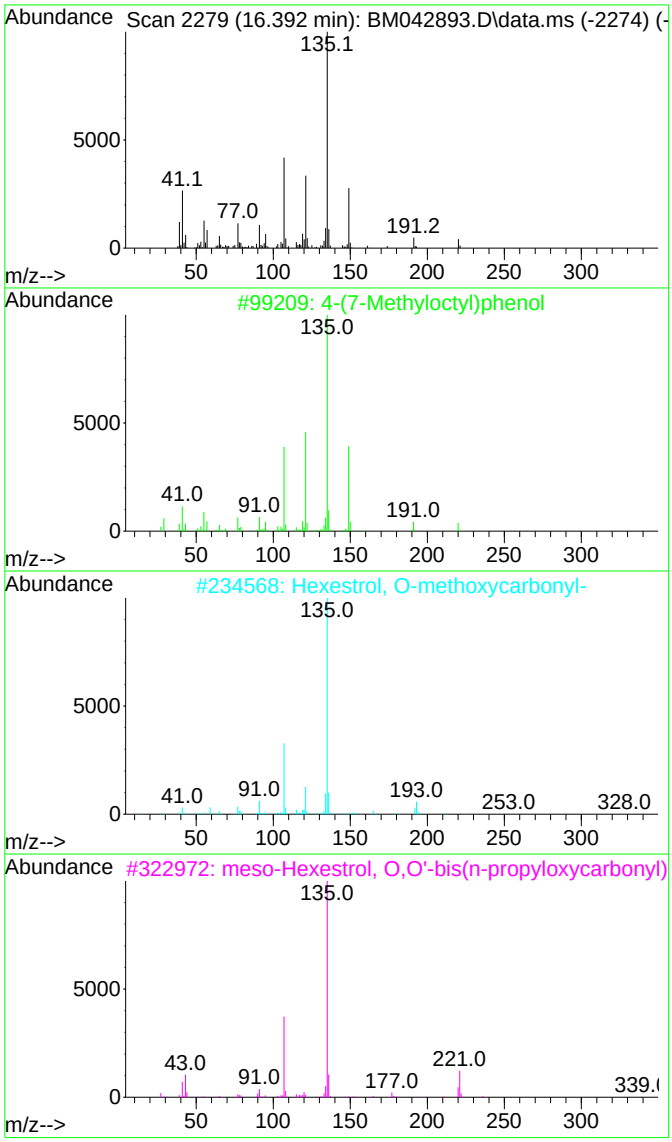
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

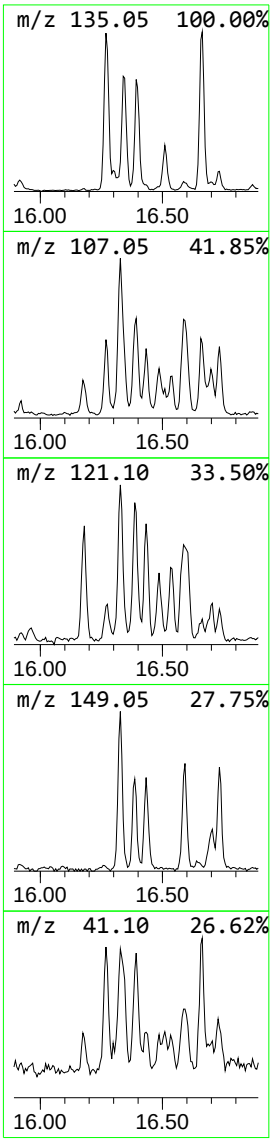
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 4-(7-Methyloctyl)phenol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.392 | 7.92 ng/ul | 148577 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-(7-Methyloctyl)phenol | 220 | C15H24O | 024518-48-7 | 87 |
| 2 | Hexestrol, O-methoxycarbonyl- | 328 | C20H24O4 | 1000487-66-3 | 64 |
| 3 | meso-Hexestrol, O,O'-bis(n-propy... | 442 | C26H34O6 | 1000487-65-0 | 64 |
| 4 | 3-Penten-2-one, 4-(2,6,6-trimeth... | 206 | C14H22O | 114933-28-7 | 59 |
| 5 | Phenol, 4-(1,1-dimethylpropyl)- | 164 | C11H16O | 000080-46-6 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

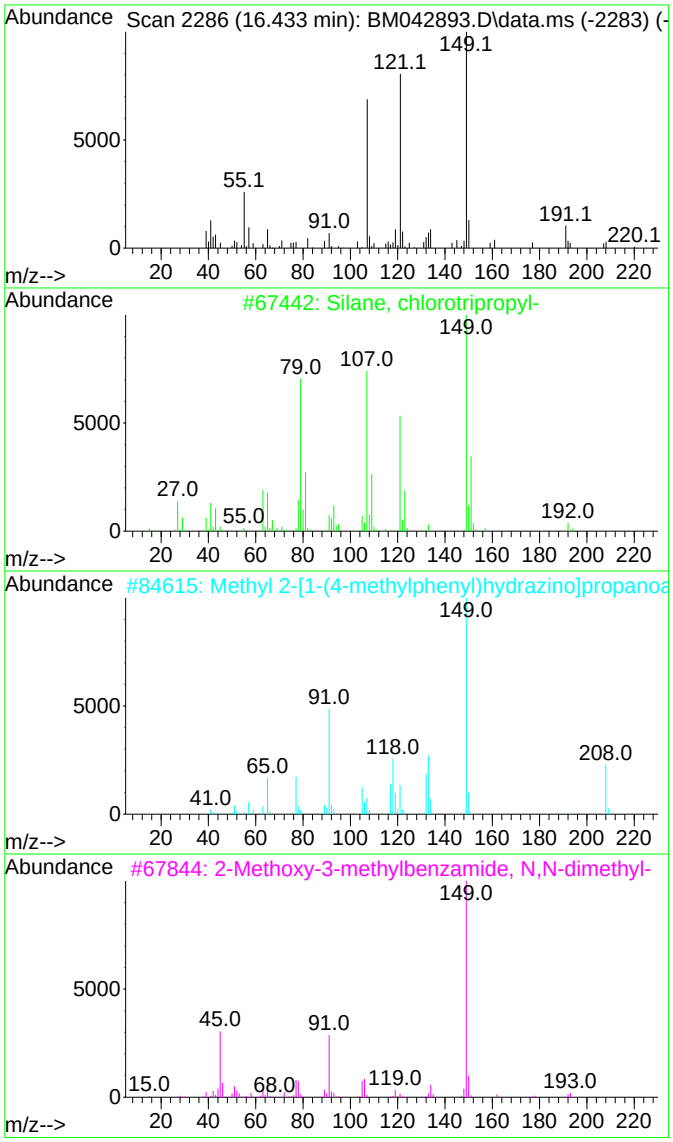
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

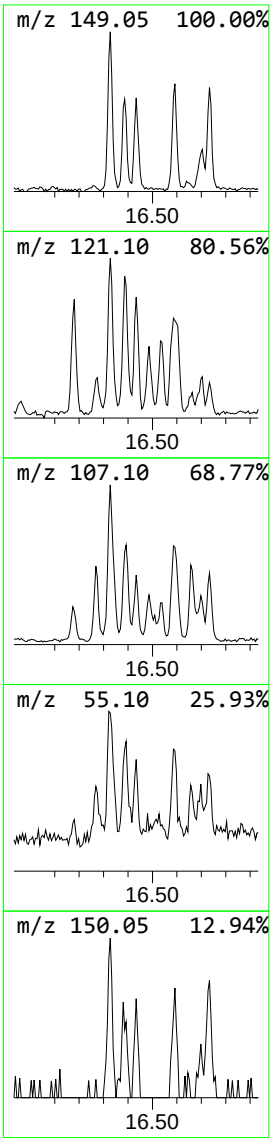
**********

Peak Number 8 unknown-03 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.433 | 3.49 ng/ul | 65465 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Silane, chlorotripropyl- | 192 | C9H21ClSi | 000995-25-5 | 43 |
| 2 | Methyl 2-[1-(4-methylphenyl)hydr... | 208 | C11H16N2O2 | 1000305-34-3 | 35 |
| 3 | 2-Methoxy-3-methylbenzamide, N,N... | 193 | C11H15NO2 | 1369798-01-5 | 27 |
| 4 | Phenol, 4-(1-methylpropyl)- | 150 | C10H14O | 000099-71-8 | 27 |
| 5 | 2-((4aS,8R,8aR)-4a,8-Dimethyl-3,... | 222 | C15H26O | 194607-96-0 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

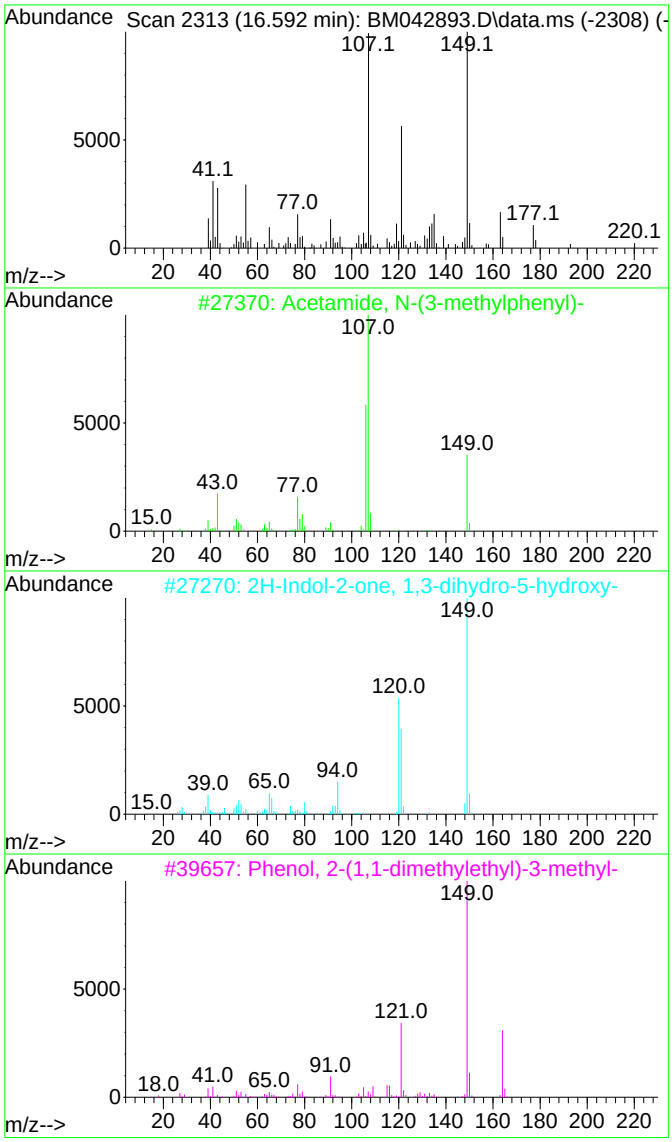
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

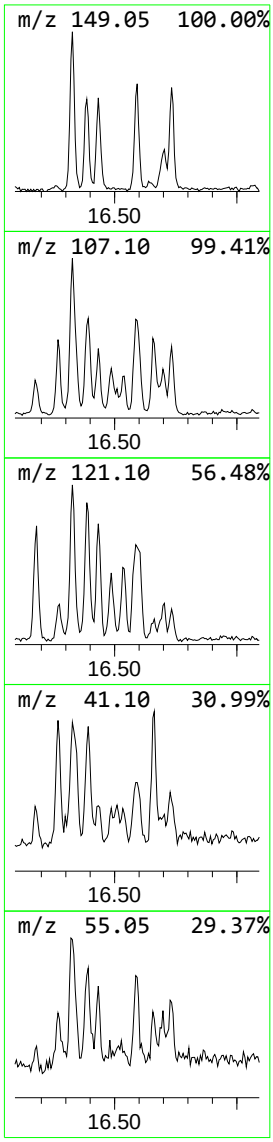
**********

Peak Number 9 unknown-04 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.592 | 6.30 ng/ul | 118185 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetamide, N-(3-methylphenyl)- | 149 | C9H11NO | 000537-92-8 | 43 |
| 2 | 2H-Indol-2-one, 1,3-dihydro-5-hy... | 149 | C8H7NO2 | 003416-18-0 | 30 |
| 3 | Phenol, 2-(1,1-dimethylethyl)-3-... | 164 | C11H16O | 013037-79-1 | 27 |
| 4 | Benzaldehyde, 3-pentafluoropheno... | 332 | C15H9F5O3 | 329222-68-6 | 27 |
| 5 | Phthalic acid, nonyl tridec-2-yn... | 470 | C30H46O4 | 1000315-44-2 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

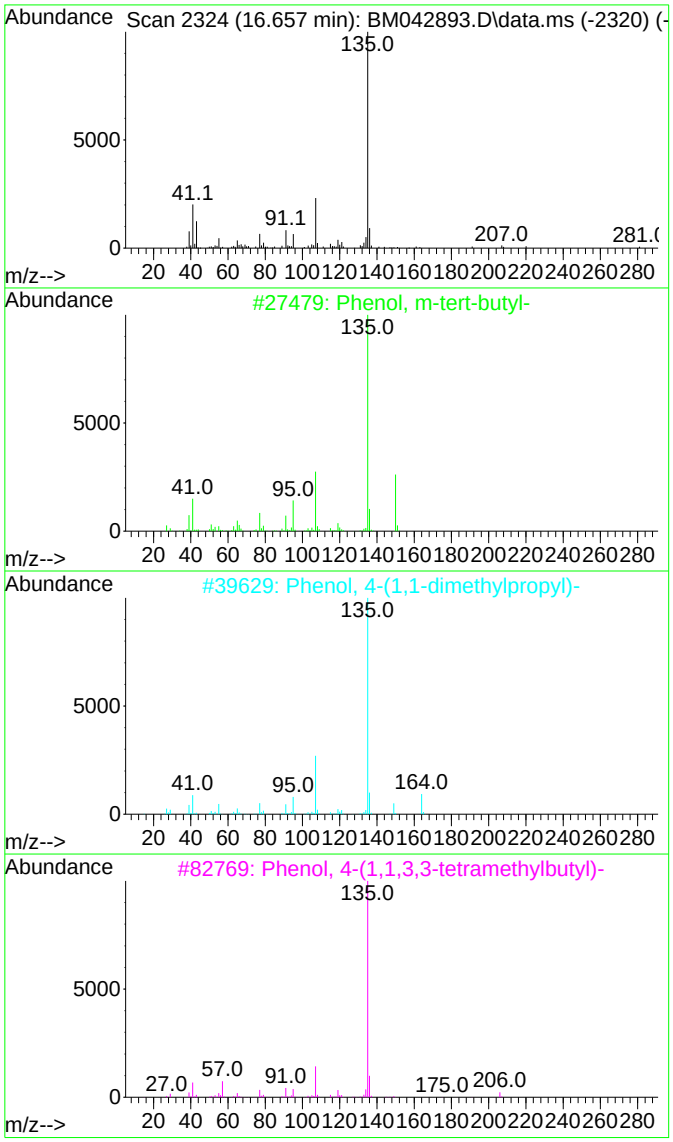
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

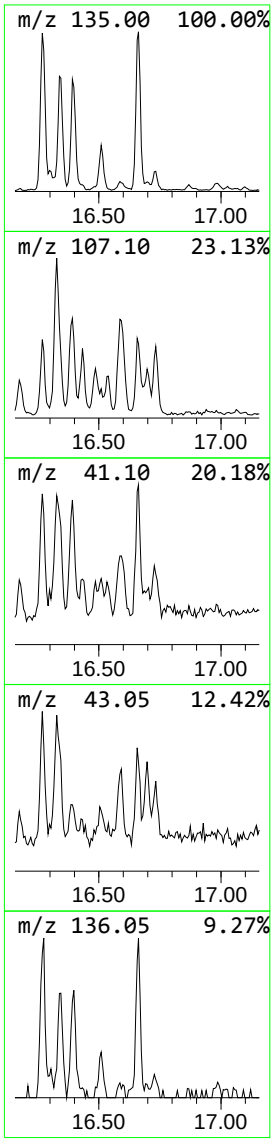
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Phenol, m-tert-butyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.657 | 6.41 ng/ul | 120196 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 78 |
| 2 | Phenol, 4-(1,1-dimethylpropyl)- | 164 | C11H16O | 000080-46-6 | 78 |
| 3 | Phenol, 4-(1,1,3,3-tetramethylbu... | 206 | C14H22O | 000140-66-9 | 78 |
| 4 | meso-Hexestrol, O,O'-bis(ethoxyc... | 414 | C24H30O6 | 1000487-68-5 | 72 |
| 5 | Phenol, 4-(1,1-dimethylpropyl)- | 164 | C11H16O | 000080-46-6 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

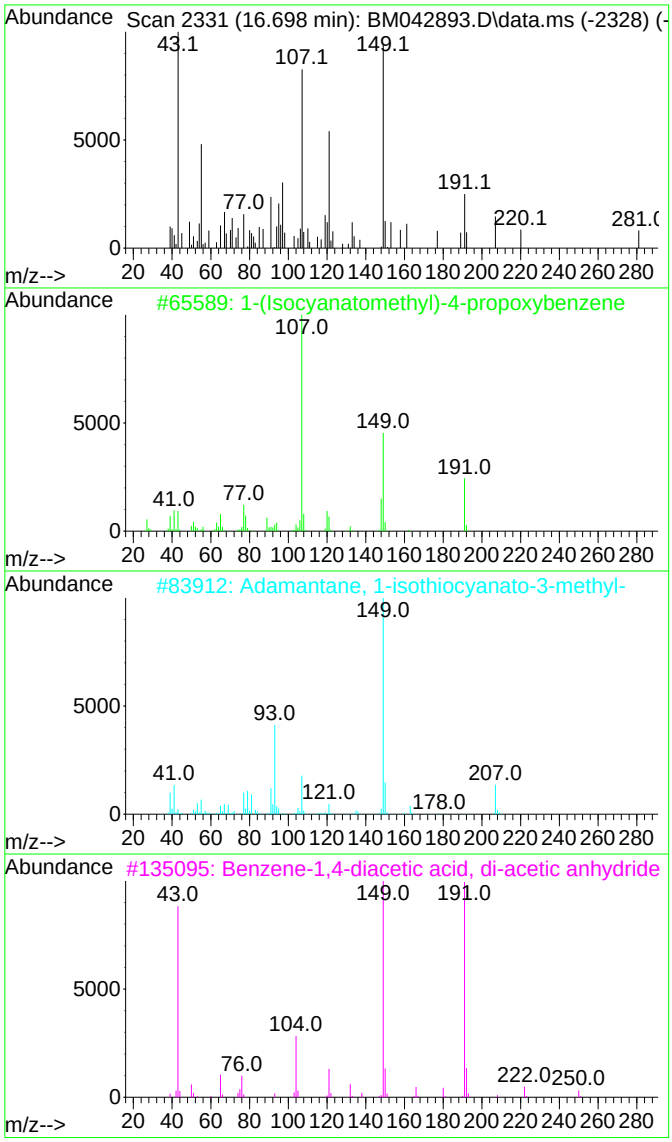
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

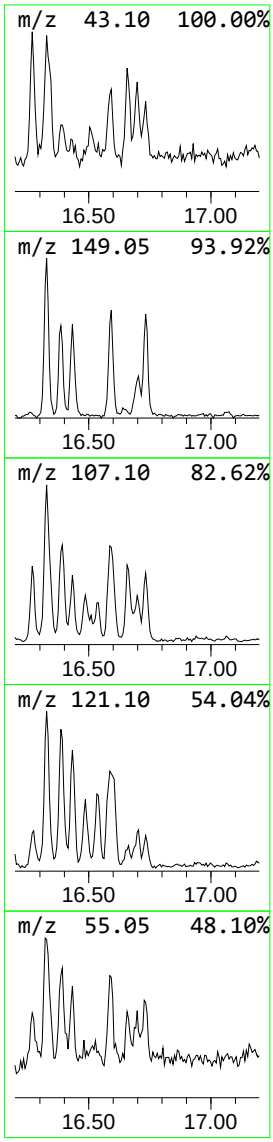
**********

Peak Number 11 unknown-05 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.698 | 2.77 ng/ul | 52014 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-(Isocyanatomethyl)-4-propoxybe... | 191 | C11H13NO2 | 936095-07-7 | 38 |
| 2 | Adamantane, 1-isothiocyanato-3-m... | 207 | C12H17NS | 136860-48-5 | 27 |
| 3 | Benzene-1,4-diacetic acid, di-ac... | 250 | C12H10O6 | 1010404-25-0 | 27 |
| 4 | Pyridine-3-carbonitrile, 1,2-dih... | 191 | C9H9N3O2 | 220098-92-0 | 27 |
| 5 | 2-Butanone, 4-(4-hydroxyphenyl)- | 164 | C10H12O2 | 005471-51-2 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

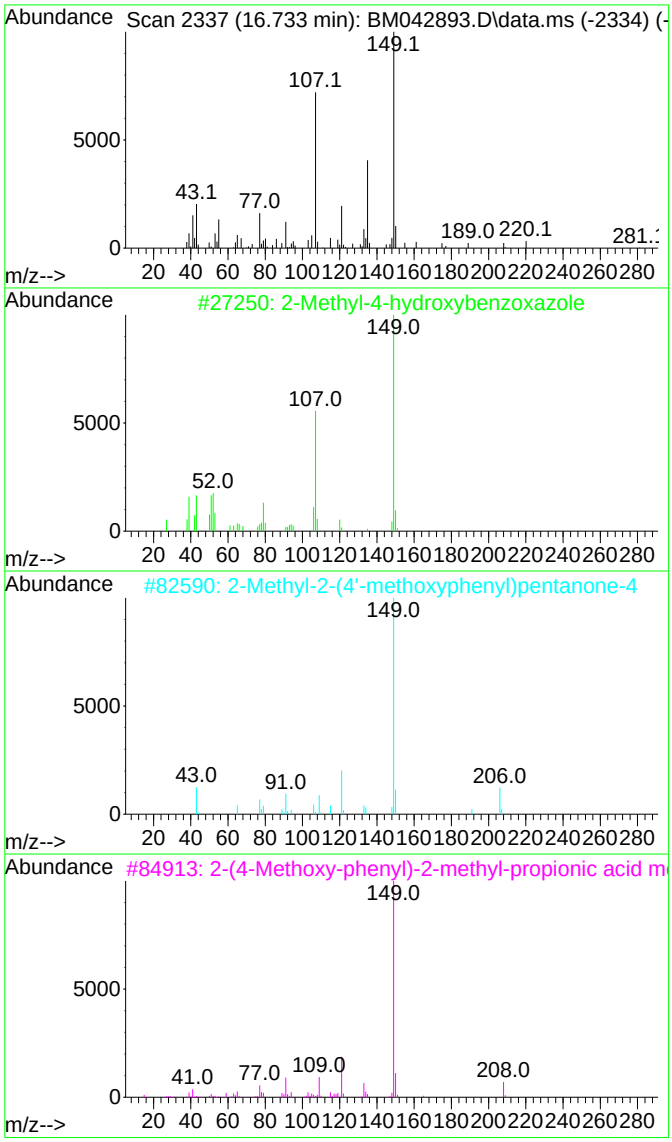
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

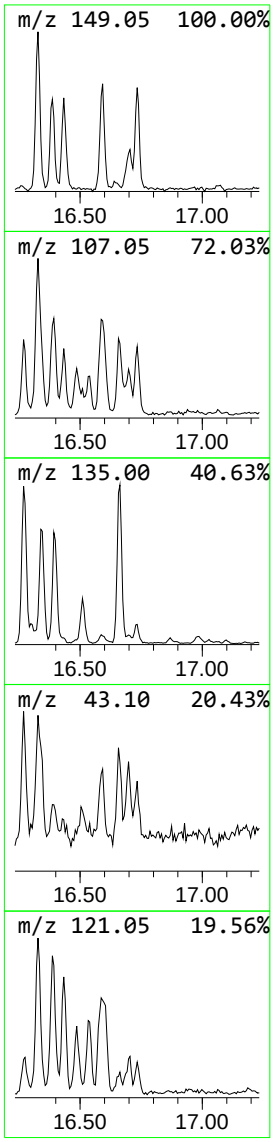
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 2-Methyl-4-hydroxybenzoxazole Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.733 | 3.40 ng/ul | 63791 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Methyl-4-hydroxybenzoxazole | 149 | C8H7NO2 | 051110-60-2 | 53 |
| 2 | 2-Methyl-2-(4'-methoxyphenyl)pen... | 206 | C13H18O2 | 185700-49-6 | 43 |
| 3 | 2-(4-Methoxy-phenyl)-2-methyl-pr... | 208 | C12H16O3 | 006274-50-6 | 43 |
| 4 | 4-Hydroxyphenylpyruvic acid, met... | 208 | C11H12O4 | 1000332-83-9 | 43 |
| 5 | Phenol, 2-methyl-4-(1,1,3,3-tetr... | 220 | C15H24O | 002219-84-3 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

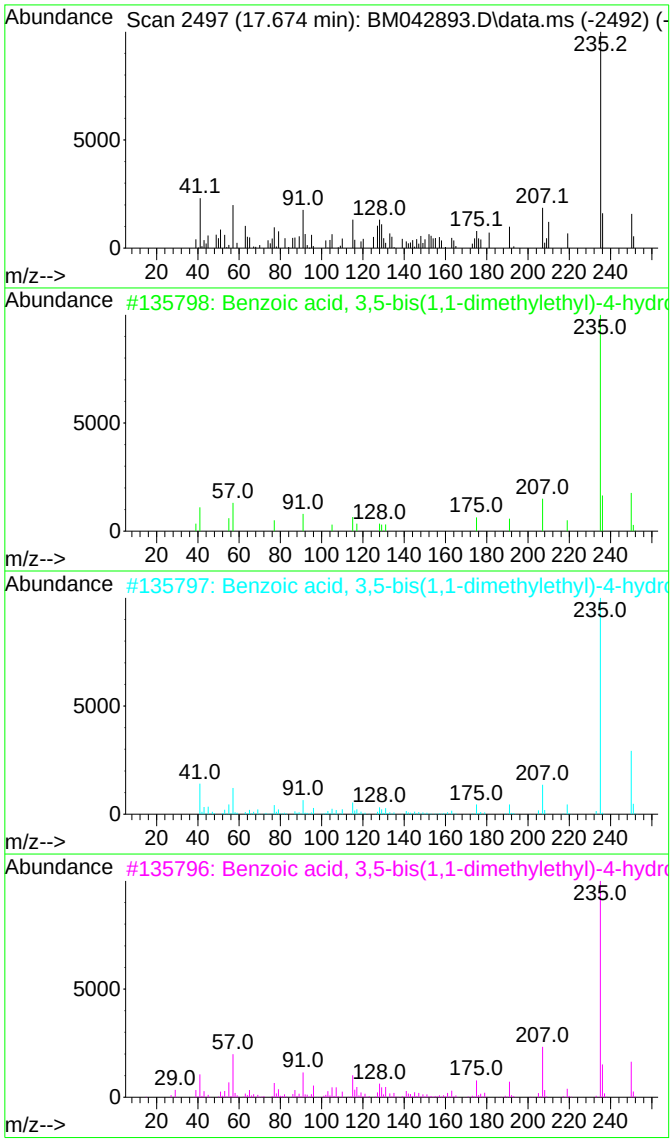
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

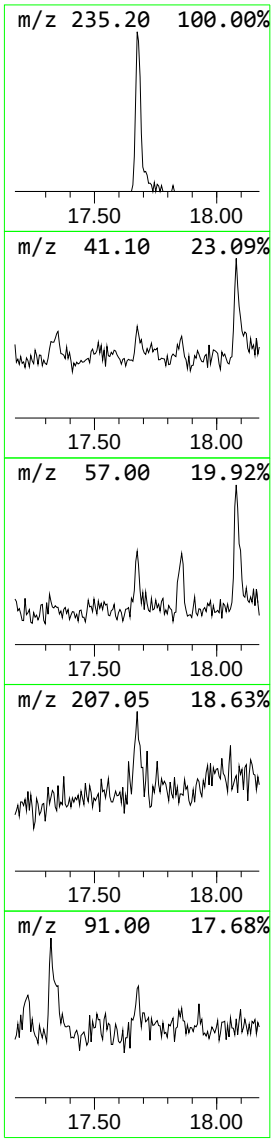
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.674 | 2.58 ng/ul | 48400 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 81 |
| 2 | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 76 |
| 3 | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 76 |
| 4 | Benzoic acid, 3,5-bis(1,1-dimeth... | 250 | C15H22O3 | 001421-49-4 | 70 |
| 5 | 3-Cyclohexen-1-one, 2,2,4-trimet... | 250 | C15H22O3 | 1000197-90-2 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

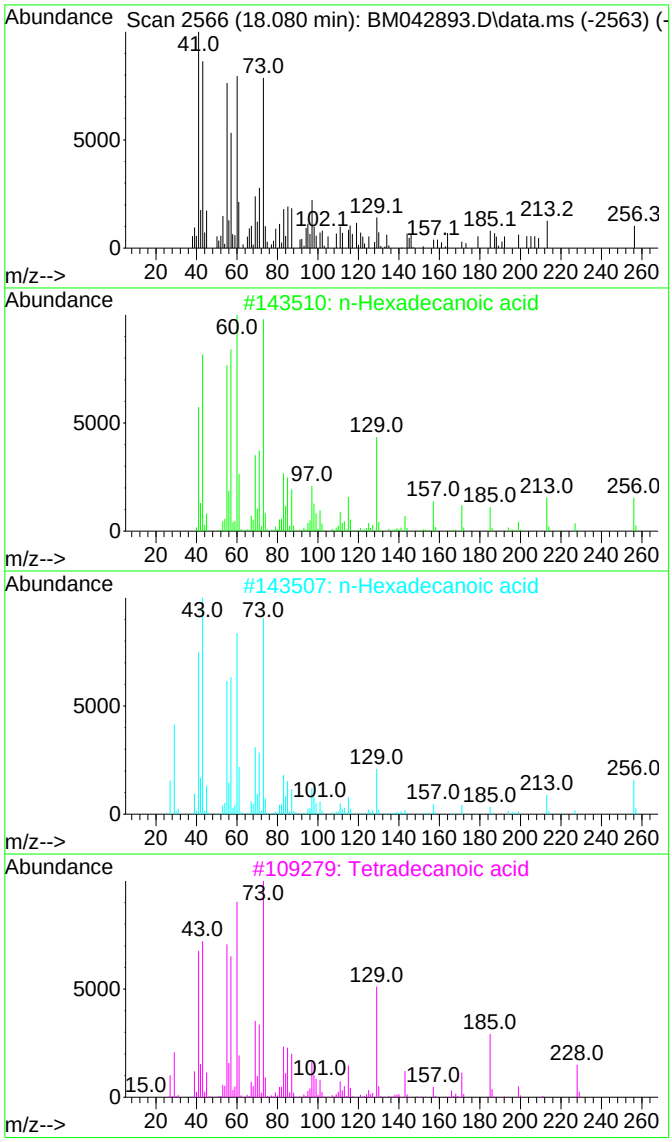
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

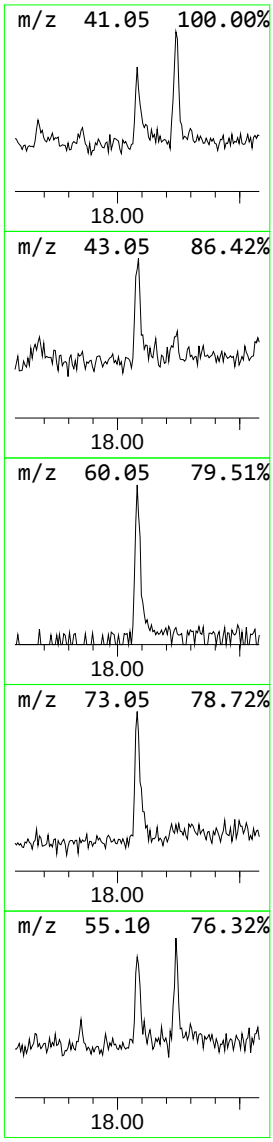
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 n-Hexadecanoic acid Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.080 | 2.55 ng/ul | 47866 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 83 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 76 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 64 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 59 |
| 5 | Undecanoic acid, isopropyl ester | 228 | C14H28O2 | 1000405-13-1 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

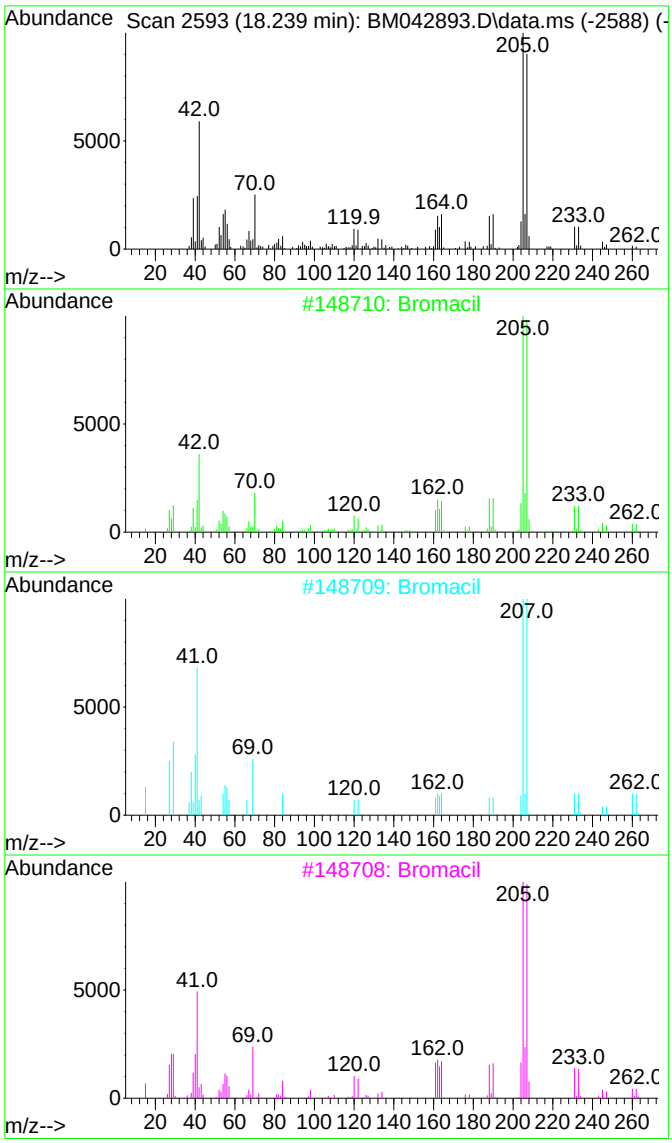
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

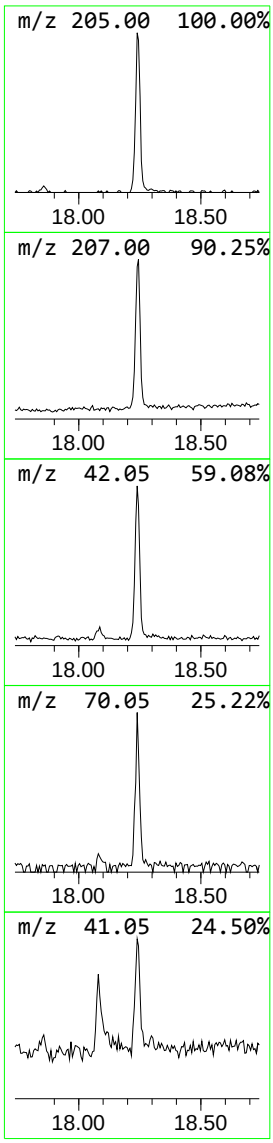
**********

Peak Number 15 Bromacil Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.239 | 9.46 ng/ul | 177291 | Phenanthrene-d10 | 17.221 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bromacil | 260 | C9H13BrN2O2 | 000314-40-9 | 91 |
| 2 | Bromacil | 260 | C9H13BrN2O2 | 000314-40-9 | 90 |
| 3 | Bromacil | 260 | C9H13BrN2O2 | 000314-40-9 | 87 |
| 4 | 5-Acetamido-2,4-dichlorobenzoic ... | 247 | C9H7Cl2NO3 | 050602-49-8 | 50 |
| 5 | Imidazole, 4-bromo-1-methyl-5-ni... | 205 | C4H4BrN3O2 | 059177-47-8 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

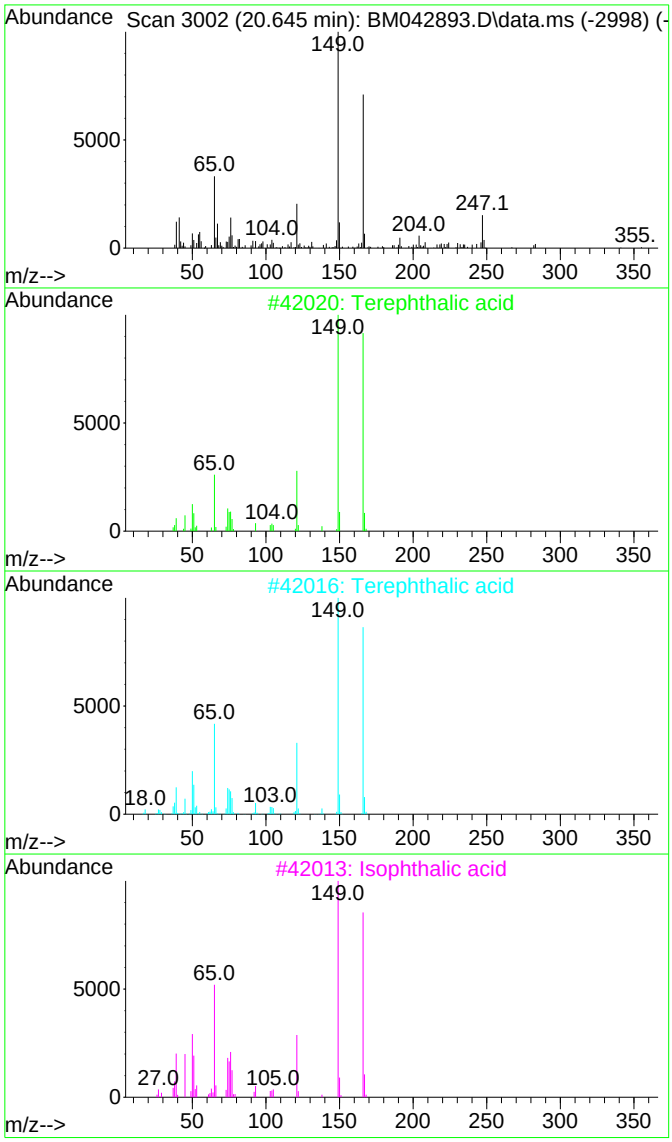
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

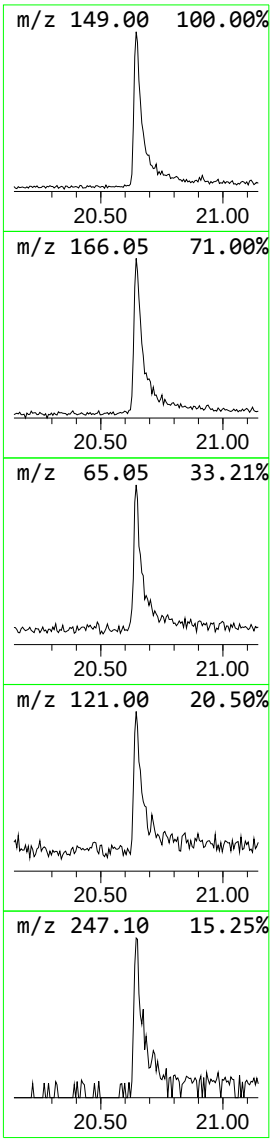
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Terephthalic acid Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.645 | 4.81 ng/ul | 112935 | Chrysene-d12 | 21.409 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Terephthalic acid | 166 | C8H6O4 | 000100-21-0 | 80 |
| 2 | Terephthalic acid | 166 | C8H6O4 | 000100-21-0 | 80 |
| 3 | Isophthalic acid | 166 | C8H6O4 | 000121-91-5 | 52 |
| 4 | 4-Azidocarbonyl-benzoic acid | 191 | C8H5N3O3 | 089898-89-5 | 52 |
| 5 | 4-[(Propan-2-yl)carbamoyl]benzoi... | 207 | C11H13NO3 | 000779-47-5 | 50 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
Data File : BM042893.D
Acq On : 18 Nov 2023 22:46
Operator : MA/JU
Sample : 05370-22
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GCDR6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.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 |
| Benzothiazole | 11.328 | 2.8 | ng/ul | 33061 | 2 | 10.622 | 236430 | 20.0 |
| Phenol, 4-(1,1-... | 13.316 | 2.5 | ng/ul | 36719 | 3 | 14.469 | 297771 | 20.0 |
| unknown-01 | 15.557 | 2.9 | ng/ul | 42459 | 3 | 14.469 | 297771 | 20.0 |
| unknown-02 | 16.180 | 2.1 | ng/ul | 38800 | 4 | 17.221 | 375011 | 20.0 |
| Phenol, 4-(1,1,... | 16.269 | 8.1 | ng/ul | 152184 | 4 | 17.221 | 375011 | 20.0 |
| 1-(Isocyanatome... | 16.327 | 10.7 | ng/ul | 201127 | 4 | 17.221 | 375011 | 20.0 |
| 4-(7-Methylocty... | 16.392 | 7.9 | ng/ul | 148577 | 4 | 17.221 | 375011 | 20.0 |
| unknown-03 | 16.433 | 3.5 | ng/ul | 65465 | 4 | 17.221 | 375011 | 20.0 |
| unknown-04 | 16.592 | 6.3 | ng/ul | 118185 | 4 | 17.221 | 375011 | 20.0 |
| Phenol, m-tert-... | 16.657 | 6.4 | ng/ul | 120196 | 4 | 17.221 | 375011 | 20.0 |
| unknown-05 | 16.698 | 2.8 | ng/ul | 52014 | 4 | 17.221 | 375011 | 20.0 |
| 2-Methyl-4-hydr... | 16.733 | 3.4 | ng/ul | 63791 | 4 | 17.221 | 375011 | 20.0 |
| Benzoic acid, 3... | 17.674 | 2.6 | ng/ul | 48400 | 4 | 17.221 | 375011 | 20.0 |
| n-Hexadecanoic ... | 18.080 | 2.5 | ng/ul | 47866 | 4 | 17.221 | 375011 | 20.0 |
| Bromacil | 18.239 | 9.5 | ng/ul | 177291 | 4 | 17.221 | 375011 | 20.0 |
| Terephthalic acid | 20.645 | 4.8 | ng/ul | 112935 | 5 | 21.409 | 469567 | 20.0 |