LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AX7DL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021440.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.152 | 362 | 368 | 384 | rBV | 237975 | 405386 | 1.90% | 0.391% |
| 2 | 5.299 | 384 | 393 | 410 | rBV2 | 103620 | 352024 | 1.65% | 0.339% |
| 3 | 5.646 | 446 | 452 | 465 | rVB | 75605 | 147800 | 0.69% | 0.142% |
| 4 | 7.163 | 705 | 710 | 716 | rVV2 | 52179 | 126427 | 0.59% | 0.122% |
| 5 | 7.252 | 720 | 725 | 734 | rVV | 123853 | 253515 | 1.19% | 0.244% |
| 6 | 7.605 | 777 | 785 | 796 | rBV | 388972 | 779524 | 3.65% | 0.751% |
| 7 | 7.705 | 797 | 802 | 813 | rVB2 | 57042 | 116653 | 0.55% | 0.112% |
| 8 | 7.958 | 838 | 845 | 860 | rBV | 1424064 | 2629855 | 12.30% | 2.534% |
| 9 | 9.075 | 1026 | 1035 | 1042 | rVV2 | 128405 | 387975 | 1.81% | 0.374% |
| 10 | 9.622 | 1122 | 1128 | 1137 | rBV | 124614 | 253921 | 1.19% | 0.245% |
| 11 | 9.757 | 1143 | 1151 | 1158 | rBV4 | 92011 | 267676 | 1.25% | 0.258% |
| 12 | 9.922 | 1174 | 1179 | 1187 | rVV3 | 123085 | 285903 | 1.34% | 0.275% |
| 13 | 10.369 | 1241 | 1255 | 1257 | rBV | 687192 | 1079299 | 5.05% | 1.040% |
| 14 | 10.422 | 1257 | 1264 | 1277 | rVV | 11766140 | 21384979 | 100.00% | 20.606% |
| 15 | 10.540 | 1277 | 1284 | 1305 | rVB | 783952 | 1770096 | 8.28% | 1.706% |
| 16 | 10.951 | 1345 | 1354 | 1358 | rBV | 129042 | 287190 | 1.34% | 0.277% |
| 17 | 10.987 | 1358 | 1360 | 1380 | rVB3 | 101862 | 262445 | 1.23% | 0.253% |
| 18 | 11.246 | 1397 | 1404 | 1422 | rBV | 203948 | 554343 | 2.59% | 0.534% |
| 19 | 11.481 | 1438 | 1444 | 1452 | rVV3 | 213229 | 487338 | 2.28% | 0.470% |
| 20 | 11.575 | 1452 | 1460 | 1469 | rVB3 | 70103 | 217338 | 1.02% | 0.209% |
| 21 | 11.810 | 1495 | 1500 | 1514 | rVB5 | 137972 | 348150 | 1.63% | 0.335% |
| 22 | 11.928 | 1514 | 1520 | 1525 | rBV3 | 117749 | 225932 | 1.06% | 0.218% |
| 23 | 12.040 | 1530 | 1539 | 1548 | rVV | 1318159 | 2450368 | 11.46% | 2.361% |
| 24 | 12.210 | 1550 | 1568 | 1570 | rVV4 | 251247 | 850101 | 3.98% | 0.819% |
| 25 | 12.251 | 1570 | 1575 | 1591 | rVV | 2133464 | 3590401 | 16.79% | 3.460% |
| 26 | 12.398 | 1595 | 1600 | 1605 | rVV | 73393 | 139845 | 0.65% | 0.135% |
| 27 | 12.457 | 1605 | 1610 | 1611 | rVV | 80276 | 128775 | 0.60% | 0.124% |
| 28 | 12.487 | 1611 | 1615 | 1626 | rVV | 140959 | 309338 | 1.45% | 0.298% |
| 29 | 12.669 | 1637 | 1646 | 1651 | rVV5 | 73235 | 217000 | 1.01% | 0.209% |
| 30 | 13.063 | 1707 | 1713 | 1734 | rVB2 | 568819 | 1225717 | 5.73% | 1.181% |
| 31 | 13.269 | 1736 | 1748 | 1750 | rBV2 | 122773 | 237875 | 1.11% | 0.229% |
| 32 | 13.404 | 1761 | 1771 | 1778 | rBV5 | 270195 | 787985 | 3.68% | 0.759% |
| 33 | 13.563 | 1788 | 1798 | 1803 | rBV2 | 296985 | 726064 | 3.40% | 0.700% |
| 34 | 13.616 | 1803 | 1807 | 1813 | rVV2 | 216416 | 440466 | 2.06% | 0.424% |
| 35 | 13.675 | 1813 | 1817 | 1822 | rVV | 109386 | 176928 | 0.83% | 0.170% |
| 36 | 13.763 | 1827 | 1832 | 1836 | rBV | 155103 | 246321 | 1.15% | 0.237% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.810 | 1836 | 1840 | 1852 | rVV4 | 151337 | 366875 | 1.72% | 0.354% |
| 38 | 13.951 | 1858 | 1864 | 1866 | rVV | 132518 | 251293 | 1.18% | 0.242% |
| 39 | 13.981 | 1866 | 1869 | 1879 | rVB3 | 154070 | 287851 | 1.35% | 0.277% |
| 40 | 14.245 | 1902 | 1914 | 1919 | rBV | 919632 | 1628832 | 7.62% | 1.570% |
| 41 | 14.310 | 1919 | 1925 | 1935 | rVV | 2973425 | 4670111 | 21.84% | 4.500% |
| 42 | 14.422 | 1935 | 1944 | 1950 | rVV | 343390 | 682981 | 3.19% | 0.658% |
| 43 | 14.481 | 1950 | 1954 | 1962 | rVV | 856263 | 1579739 | 7.39% | 1.522% |
| 44 | 14.545 | 1962 | 1965 | 1972 | rVV3 | 279545 | 459890 | 2.15% | 0.443% |
| 45 | 14.657 | 1979 | 1984 | 1994 | rVV | 1430410 | 2256529 | 10.55% | 2.174% |
| 46 | 14.751 | 1994 | 2000 | 2006 | rVV4 | 111489 | 244133 | 1.14% | 0.235% |
| 47 | 14.857 | 2012 | 2018 | 2029 | rVV7 | 95906 | 299675 | 1.40% | 0.289% |
| 48 | 15.216 | 2073 | 2079 | 2083 | rBV | 155360 | 341523 | 1.60% | 0.329% |
| 49 | 15.263 | 2084 | 2087 | 2091 | rVV | 223471 | 351886 | 1.65% | 0.339% |
| 50 | 15.322 | 2091 | 2097 | 2110 | rVB | 1564777 | 2545601 | 11.90% | 2.453% |
| 51 | 15.498 | 2121 | 2127 | 2135 | rVV3 | 325126 | 771434 | 3.61% | 0.743% |
| 52 | 15.616 | 2140 | 2147 | 2153 | rVB4 | 324062 | 825242 | 3.86% | 0.795% |
| 53 | 15.675 | 2153 | 2157 | 2165 | rVB2 | 244213 | 376296 | 1.76% | 0.363% |
| 54 | 15.751 | 2165 | 2170 | 2173 | rBV2 | 202211 | 395166 | 1.85% | 0.381% |
| 55 | 16.039 | 2213 | 2219 | 2221 | rBV | 531244 | 777403 | 3.64% | 0.749% |
| 56 | 16.128 | 2231 | 2234 | 2243 | rVB3 | 108113 | 220126 | 1.03% | 0.212% |
| 57 | 16.263 | 2252 | 2257 | 2266 | rBV | 374365 | 599613 | 2.80% | 0.578% |
| 58 | 16.351 | 2266 | 2272 | 2283 | rBV | 603327 | 1168938 | 5.47% | 1.126% |
| 59 | 16.604 | 2303 | 2315 | 2317 | rBV9 | 58996 | 192942 | 0.90% | 0.186% |
| 60 | 16.657 | 2317 | 2324 | 2334 | rVV | 423914 | 969198 | 4.53% | 0.934% |
| 61 | 16.739 | 2334 | 2338 | 2341 | rVV2 | 109290 | 164306 | 0.77% | 0.158% |
| 62 | 16.781 | 2341 | 2345 | 2351 | rVV3 | 135618 | 287126 | 1.34% | 0.277% |
| 63 | 16.875 | 2355 | 2361 | 2371 | rVB | 329726 | 685995 | 3.21% | 0.661% |
| 64 | 16.981 | 2371 | 2379 | 2383 | rBV | 572783 | 1190380 | 5.57% | 1.147% |
| 65 | 17.022 | 2383 | 2386 | 2389 | rVV2 | 286959 | 458930 | 2.15% | 0.442% |
| 66 | 17.069 | 2389 | 2394 | 2397 | rVV | 1460820 | 2271175 | 10.62% | 2.188% |
| 67 | 17.110 | 2397 | 2401 | 2407 | rVV | 3112358 | 4592843 | 21.48% | 4.426% |
| 68 | 17.175 | 2407 | 2412 | 2415 | rVV3 | 361687 | 653277 | 3.05% | 0.629% |
| 69 | 17.210 | 2415 | 2418 | 2421 | rVV | 267881 | 377032 | 1.76% | 0.363% |
| 70 | 17.263 | 2421 | 2427 | 2429 | rVV4 | 312476 | 736394 | 3.44% | 0.710% |
| 71 | 17.304 | 2429 | 2434 | 2439 | rVV2 | 592393 | 1126519 | 5.27% | 1.085% |
| 72 | 17.363 | 2439 | 2444 | 2450 | rVB2 | 197806 | 385050 | 1.80% | 0.371% |
| 73 | 17.428 | 2451 | 2455 | 2460 | rVB | 90190 | 121038 | 0.57% | 0.117% |
| 74 | 17.504 | 2460 | 2468 | 2478 | rBV2 | 1865144 | 4261468 | 19.93% | 4.106% |
| 75 | 17.622 | 2485 | 2488 | 2494 | rVB2 | 403242 | 674555 | 3.15% | 0.650% |
| 76 | 17.698 | 2495 | 2501 | 2507 | rVB | 449726 | 726405 | 3.40% | 0.700% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AX7DL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 17.822 | 2518 | 2522 | 2527 | rBV3 | 114517 | 172894 | 0.81% | 0.167% |
| 78 | 17.875 | 2527 | 2531 | 2539 | rVB3 | 86325 | 220689 | 1.03% | 0.213% |
| 79 | 17.963 | 2539 | 2546 | 2550 | rBV4 | 366598 | 727330 | 3.40% | 0.701% |
| 80 | 18.039 | 2553 | 2559 | 2564 | rVB5 | 348414 | 677603 | 3.17% | 0.653% |
| 81 | 18.139 | 2570 | 2576 | 2580 | rBV | 233819 | 402135 | 1.88% | 0.387% |
| 82 | 18.186 | 2580 | 2584 | 2597 | rVB2 | 290886 | 650969 | 3.04% | 0.627% |
| 83 | 18.310 | 2597 | 2605 | 2607 | rBV4 | 266976 | 532812 | 2.49% | 0.513% |
| 84 | 18.351 | 2607 | 2612 | 2617 | rVB3 | 317633 | 502146 | 2.35% | 0.484% |
| 85 | 18.433 | 2620 | 2626 | 2633 | rBV3 | 177753 | 466541 | 2.18% | 0.450% |
| 86 | 18.586 | 2648 | 2652 | 2656 | rVB6 | 99218 | 157704 | 0.74% | 0.152% |
| 87 | 19.010 | 2719 | 2724 | 2726 | rBV2 | 137885 | 238831 | 1.12% | 0.230% |
| 88 | 19.210 | 2753 | 2758 | 2766 | rVB | 1323141 | 1780560 | 8.33% | 1.716% |
| 89 | 19.339 | 2776 | 2780 | 2785 | rBV2 | 146980 | 259787 | 1.21% | 0.250% |
| 90 | 19.557 | 2812 | 2817 | 2820 | rBV2 | 495581 | 798663 | 3.73% | 0.770% |
| 91 | 19.592 | 2820 | 2823 | 2828 | rVB | 815980 | 983043 | 4.60% | 0.947% |
| 92 | 19.792 | 2853 | 2857 | 2862 | rVB3 | 95158 | 135888 | 0.64% | 0.131% |
| 93 | 19.951 | 2880 | 2884 | 2889 | rVV2 | 246755 | 355874 | 1.66% | 0.343% |
| 94 | 20.004 | 2890 | 2893 | 2898 | rVB | 169892 | 227763 | 1.07% | 0.219% |
| 95 | 20.057 | 2898 | 2902 | 2906 | rBV | 191402 | 387270 | 1.81% | 0.373% |
| 96 | 20.116 | 2906 | 2912 | 2917 | rVB | 1013726 | 1630636 | 7.63% | 1.571% |
| 97 | 20.222 | 2926 | 2930 | 2934 | rVB | 107384 | 136892 | 0.64% | 0.132% |
| 98 | 20.792 | 3022 | 3027 | 3036 | rVB | 1312476 | 2131940 | 9.97% | 2.054% |
| 99 | 21.516 | 3143 | 3150 | 3155 | rBV2 | 1584687 | 2660755 | 12.44% | 2.564% |
| 100 | 24.798 | 3700 | 3708 | 3720 | rBV | 820826 | 2413410 | 11.29% | 2.326% |

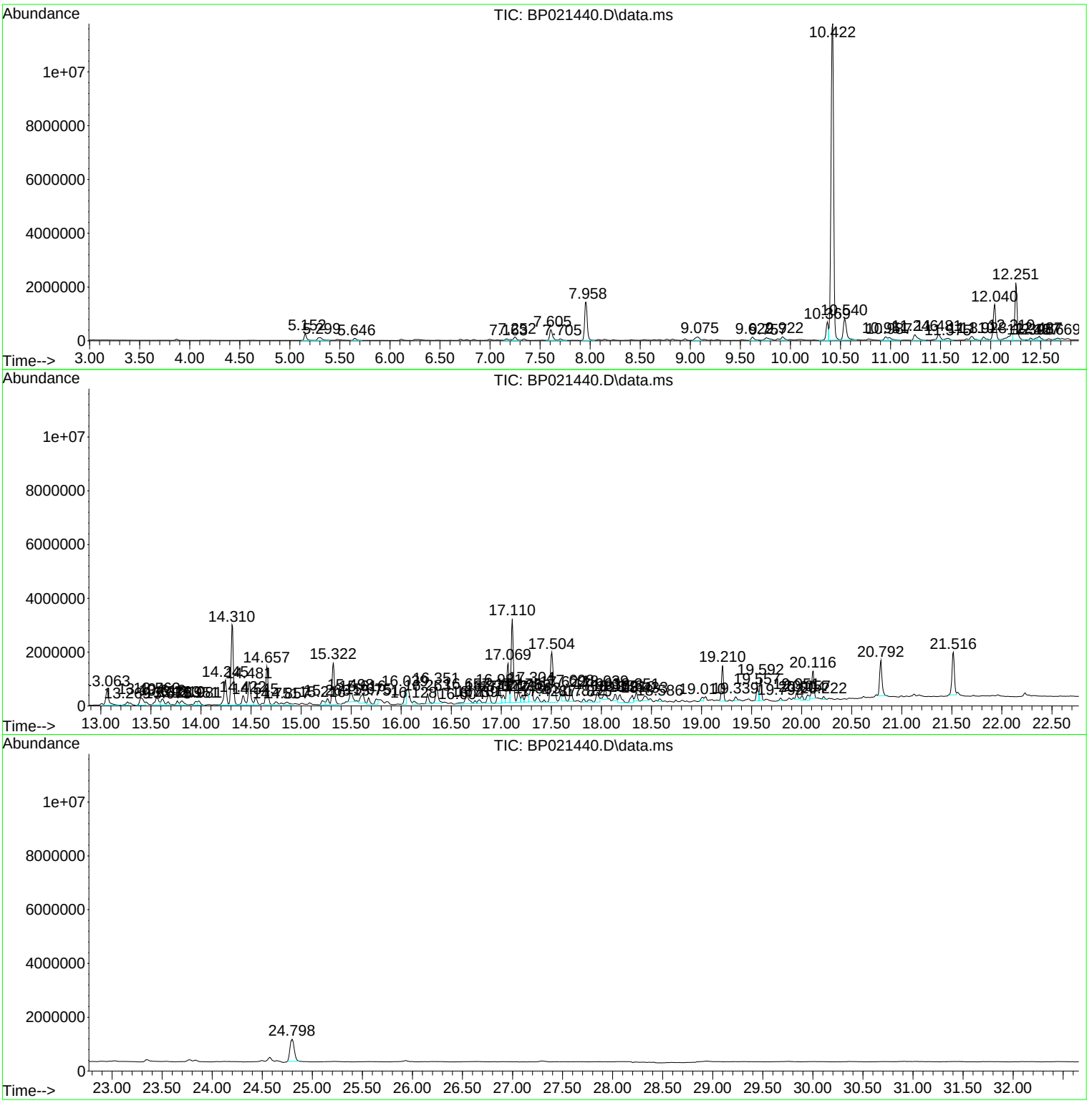
Sum of corrected areas: 103778858

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

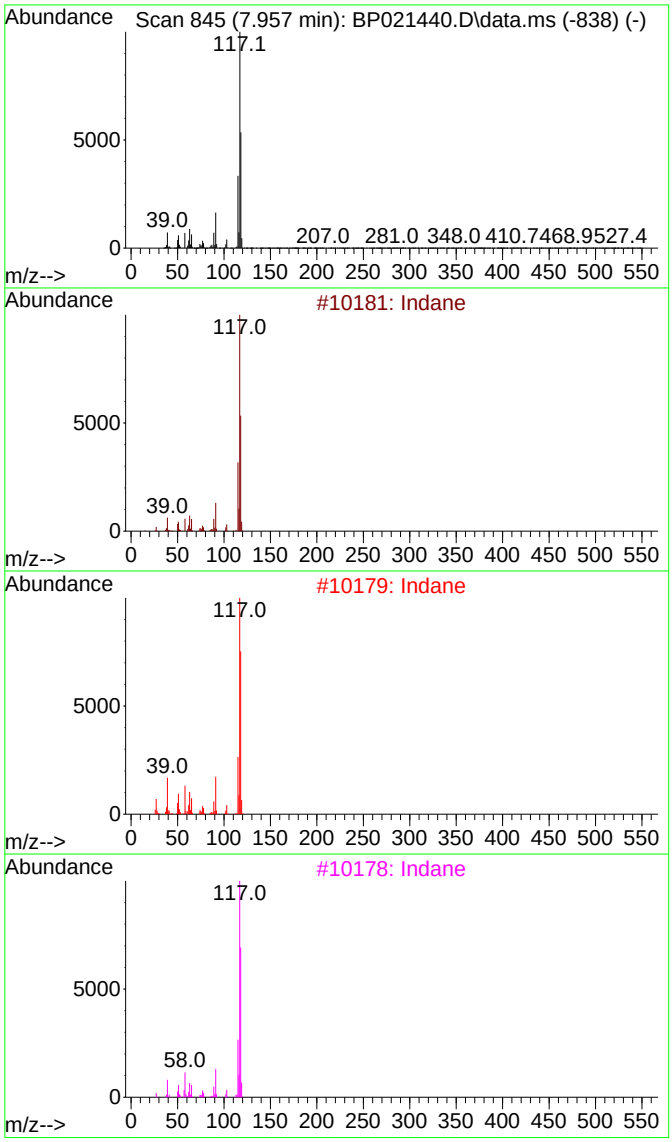
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

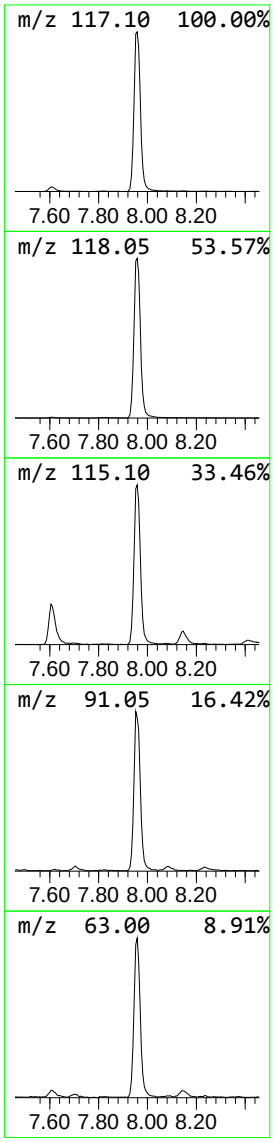
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Indane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.957 | 67.47 ng/ul | 2629860 | 1,4-Dichlorobenzene-d4 | 7.610 |

| 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 | 91 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 81 |
| 5 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

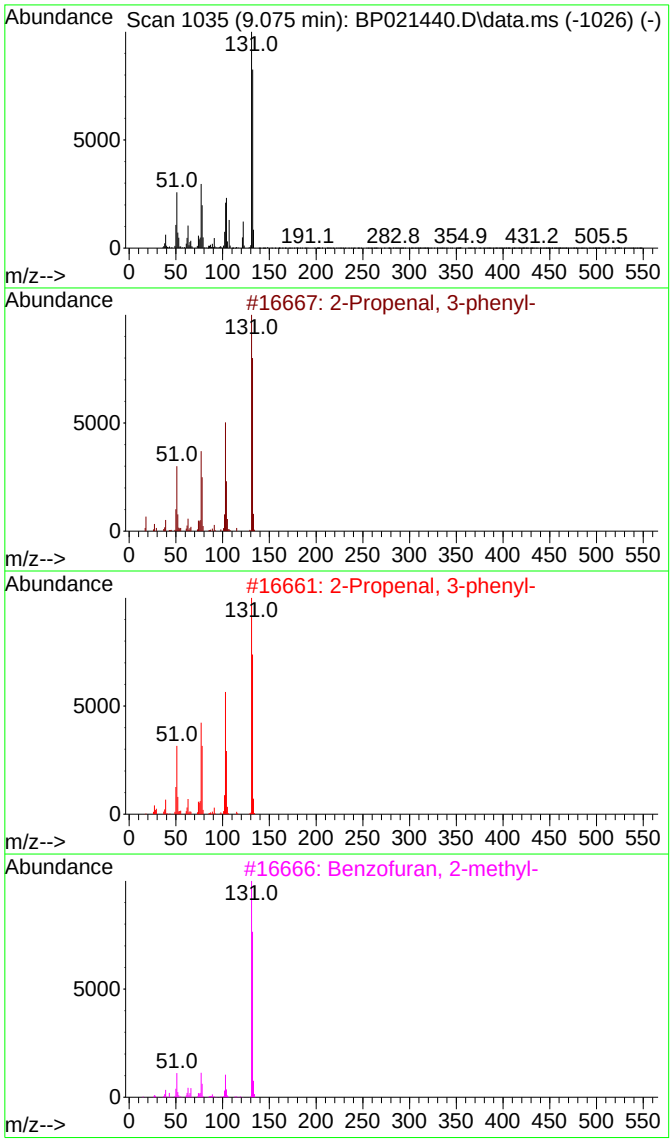
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

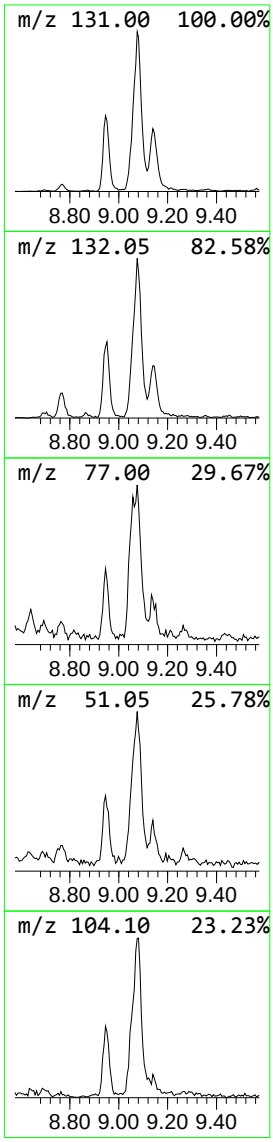
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 2-Propenal, 3-phenyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.075 | 7.19 ng/ul | 387975 | Naphthalene-d8 | 10.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propenal, 3-phenyl- | 132 | C9H8O | 000104-55-2 | 91 |
| 2 | 2-Propenal, 3-phenyl- | 132 | C9H8O | 000104-55-2 | 91 |
| 3 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 87 |
| 4 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 87 |
| 5 | 3-Phenyl-2-propyn-1-ol | 132 | C9H8O | 001504-58-1 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

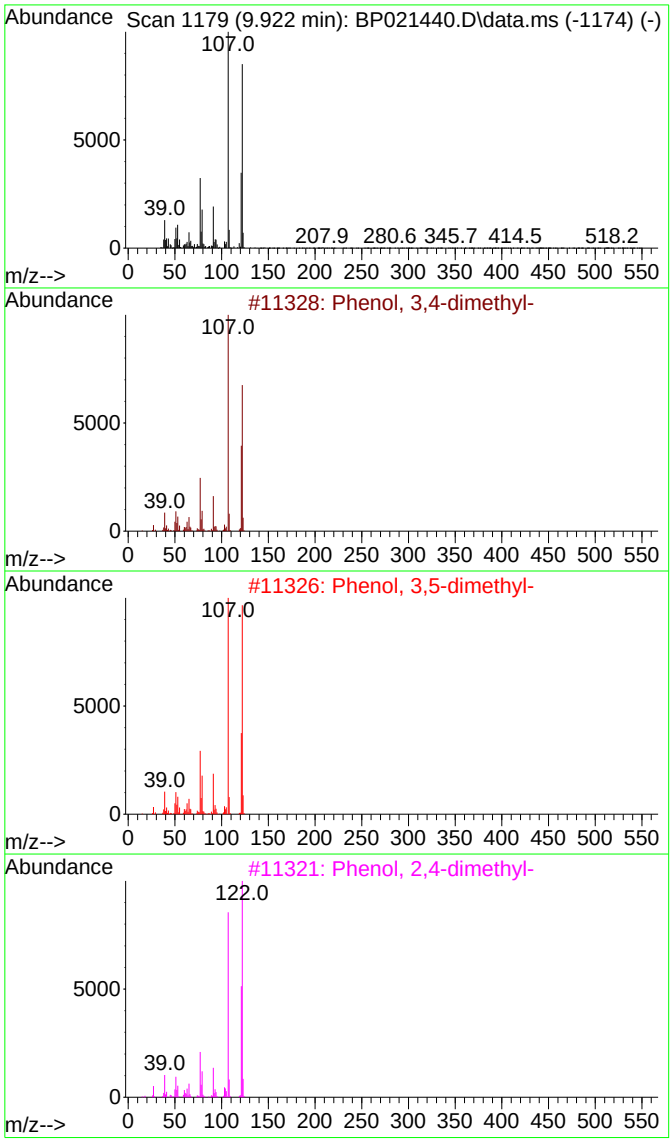
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

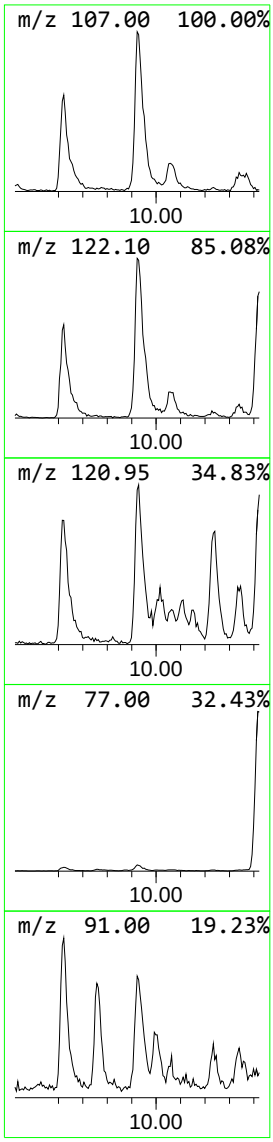
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Phenol, 3,4-dimethyl- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.922 | 5.30 ng/ul | 285903 | Naphthalene-d8 | 10.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3,4-dimethyl- | 122 | C8H10O | 000095-65-8 | 97 |
| 2 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 96 |
| 3 | Phenol, 2,4-dimethyl- | 122 | C8H10O | 000105-67-9 | 94 |
| 4 | Phenol, 2,5-dimethyl- | 122 | C8H10O | 000095-87-4 | 94 |
| 5 | Phenol, 2,3-dimethyl- | 122 | C8H10O | 000526-75-0 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

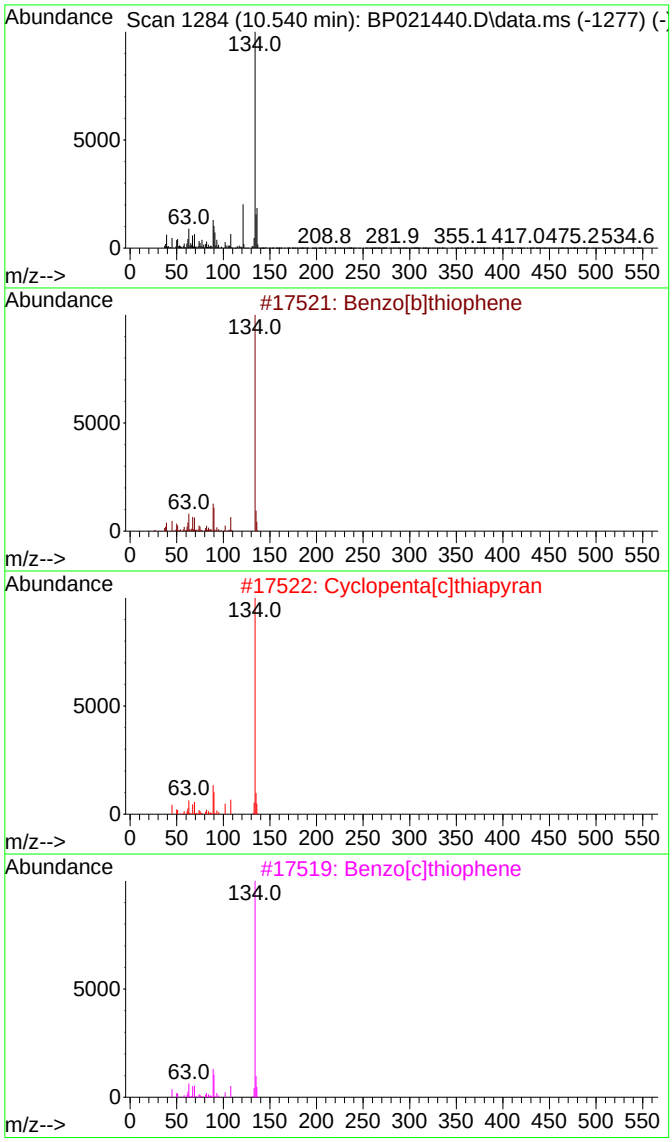
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

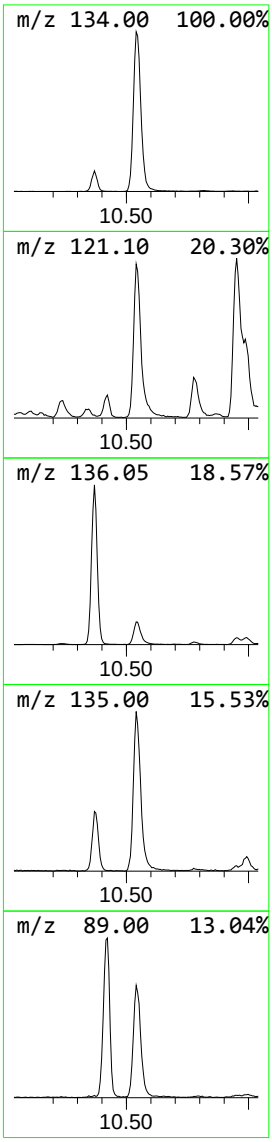
**********

Peak Number 10 Benzo[b]thiophene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.540 | 32.80 ng/ul | 1770100 | Naphthalene-d8 | 10.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 94 |
| 2 | Cyclopenta[c]thiapyran | 134 | C8H6S | 000270-63-3 | 93 |
| 3 | Benzo[c]thiophene | 134 | C8H6S | 000270-82-6 | 90 |
| 4 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 90 |
| 5 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

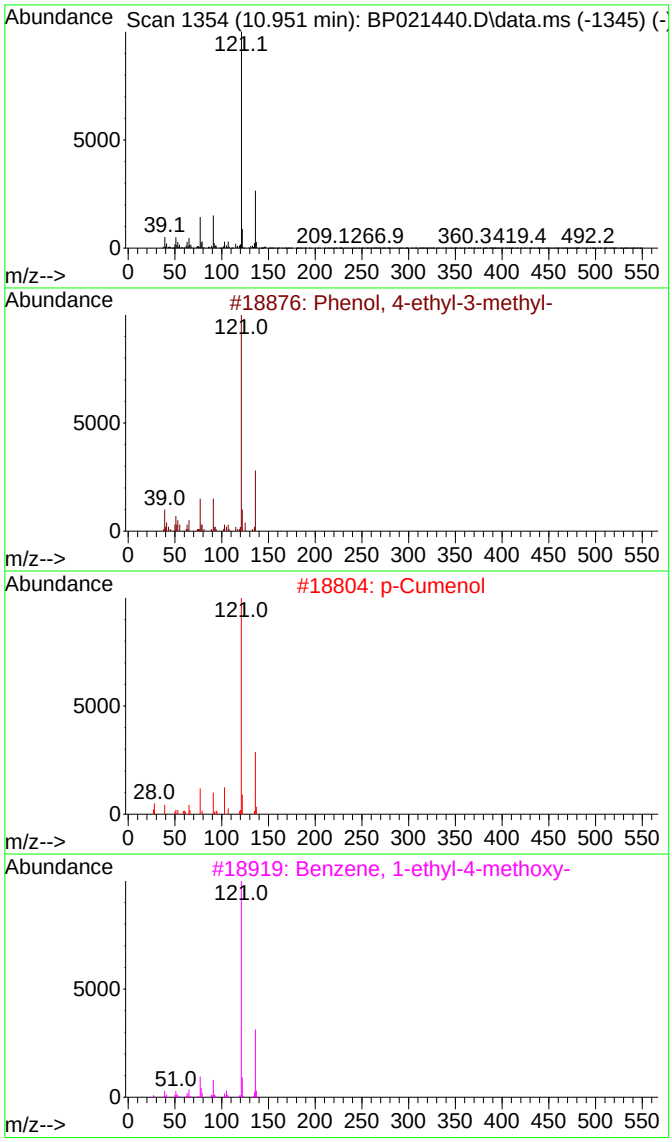
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

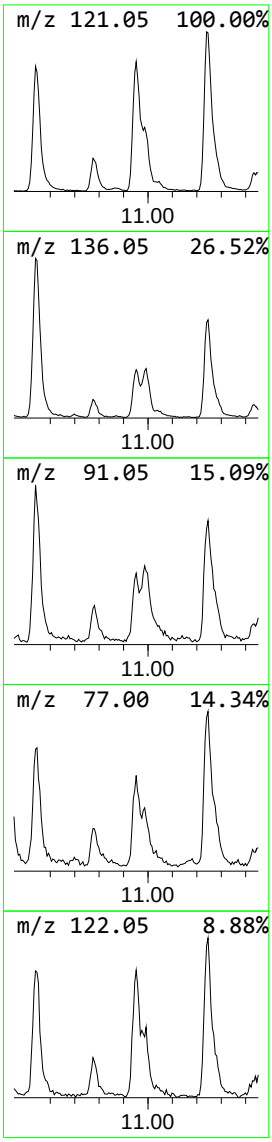
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Phenol, 4-ethyl-3-methyl- Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.951 | 5.32 ng/ul | 287190 | Naphthalene-d8 | 10.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4-ethyl-3-methyl- | 136 | C9H12O | 001123-94-0 | 91 |
| 2 | p-Cumenol | 136 | C9H12O | 000099-89-8 | 91 |
| 3 | Benzene, 1-ethyl-4-methoxy- | 136 | C9H12O | 001515-95-3 | 91 |
| 4 | Phenol, 2-ethyl-5-methyl- | 136 | C9H12O | 001687-61-2 | 91 |
| 5 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

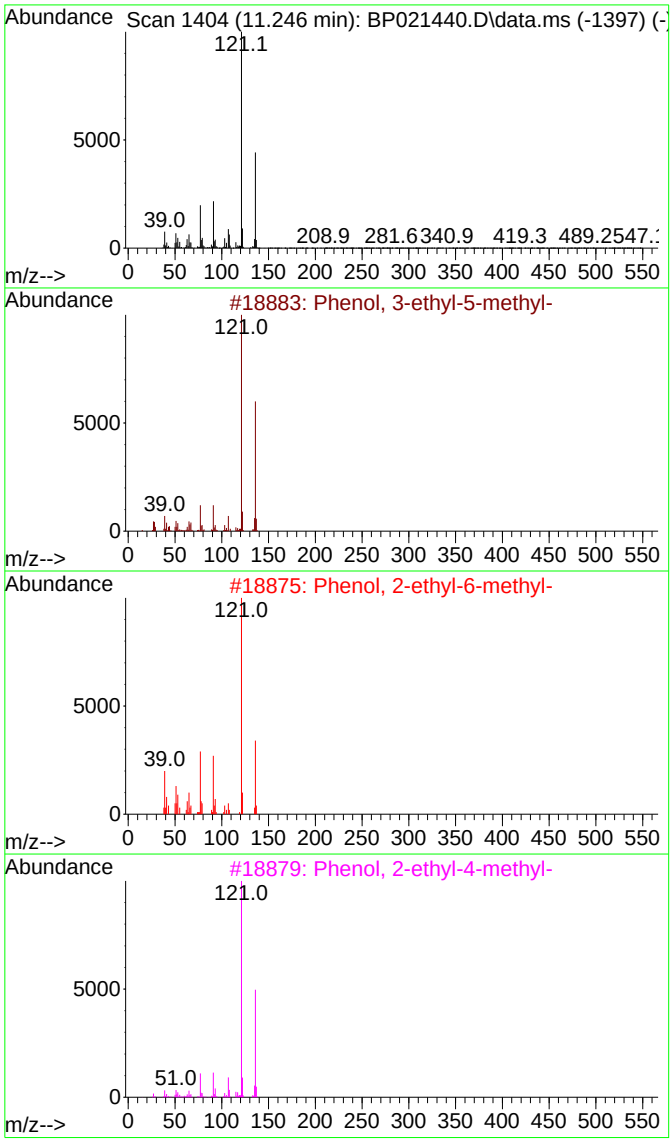
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

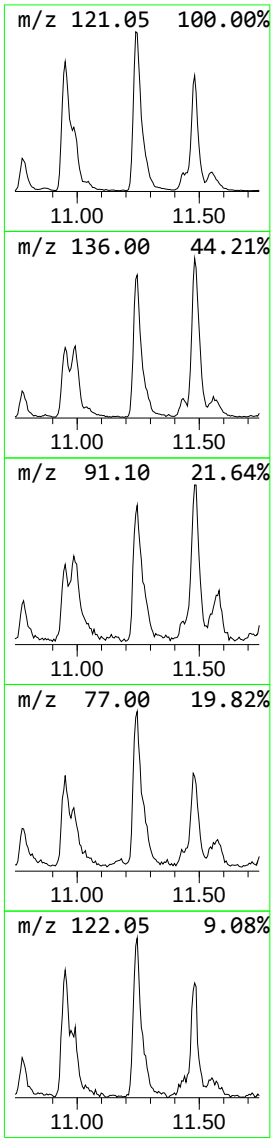
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Phenol, 3-ethyl-5-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.246 | 10.27 ng/ul | 554343 | Naphthalene-d8 | 10.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3-ethyl-5-methyl- | 136 | C9H12O | 000698-71-5 | 95 |
| 2 | Phenol, 2-ethyl-6-methyl- | 136 | C9H12O | 001687-64-5 | 91 |
| 3 | Phenol, 2-ethyl-4-methyl- | 136 | C9H12O | 003855-26-3 | 91 |
| 4 | Phenol, 2-ethyl-5-methyl- | 136 | C9H12O | 001687-61-2 | 90 |
| 5 | Phenol, 3-(1-methylethyl)- | 136 | C9H12O | 000618-45-1 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

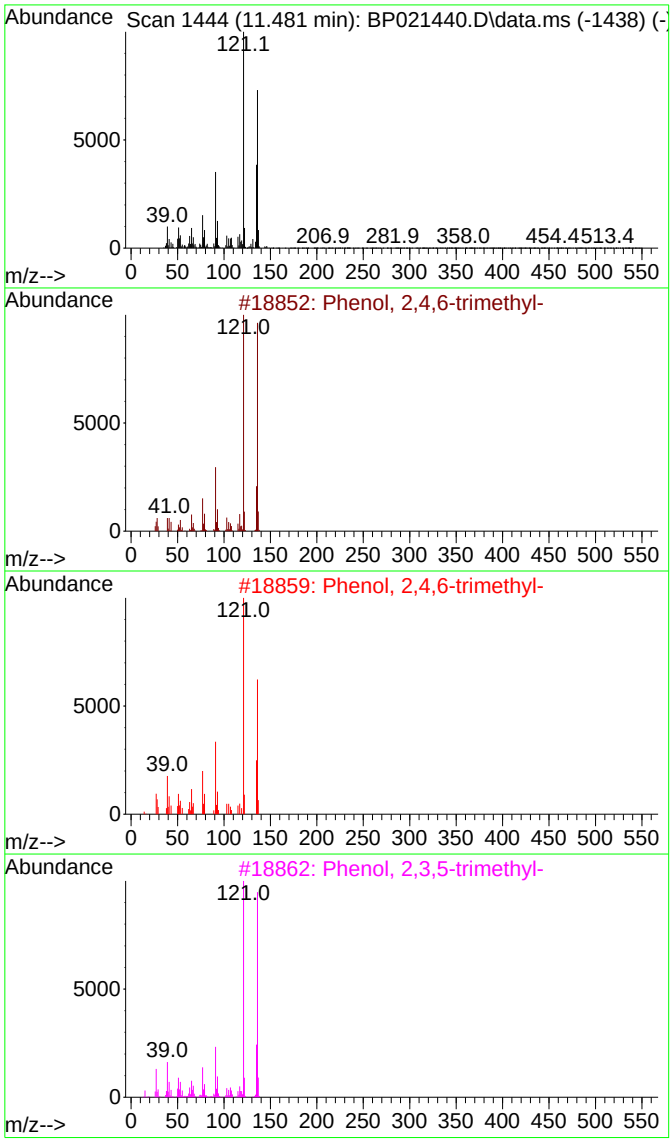
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

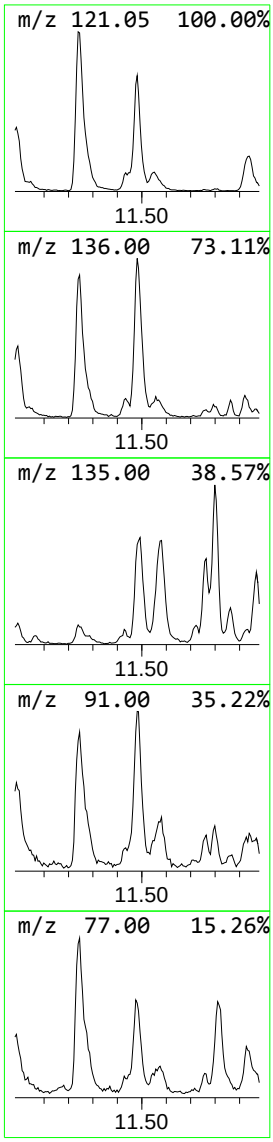
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Phenol, 2,4,6-trimethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.481 | 9.03 ng/ul | 487338 | Naphthalene-d8 | 10.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 94 |
| 2 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 93 |
| 3 | Phenol, 2,3,5-trimethyl- | 136 | C9H12O | 000697-82-5 | 93 |
| 4 | Phenol, 2,3,6-trimethyl- | 136 | C9H12O | 002416-94-6 | 93 |
| 5 | Phenol, 2,4,6-trimethyl- | 136 | C9H12O | 000527-60-6 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

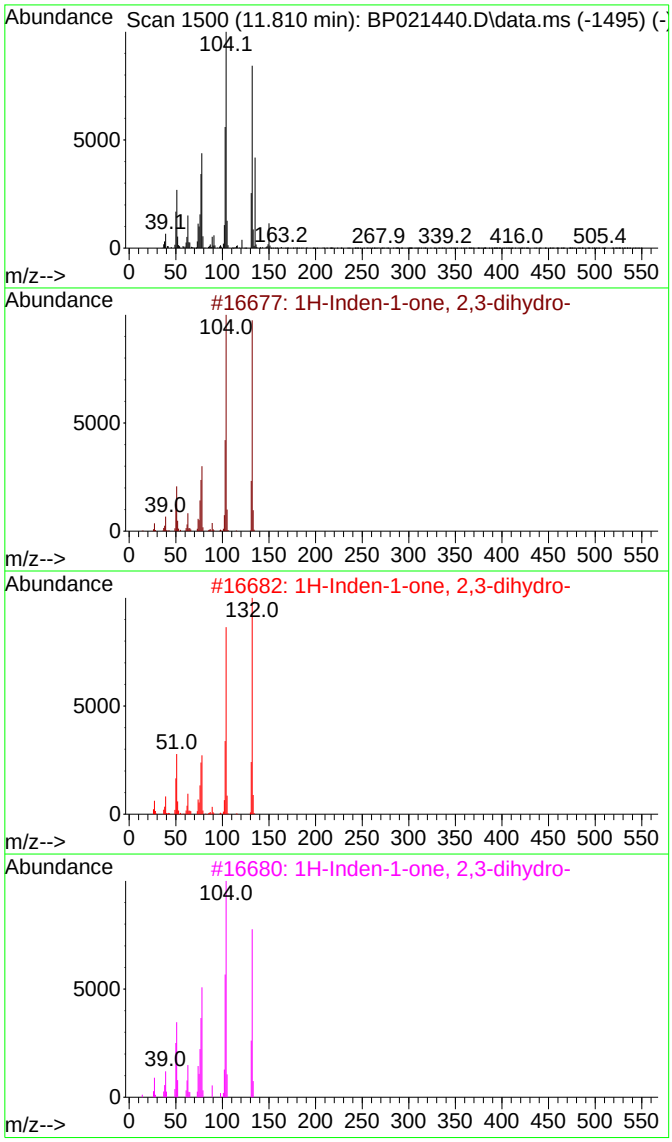
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

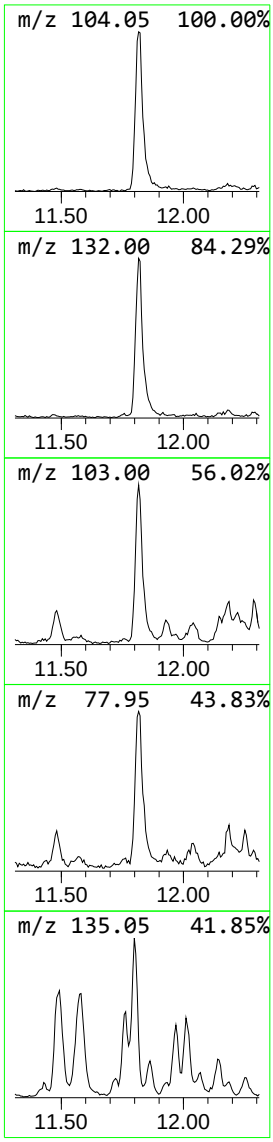
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.810 | 6.45 ng/ul | 348150 | Naphthalene-d8 | 10.369 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 97 |
| 2 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 93 |
| 3 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 81 |
| 4 | Styrene | 104 | C8H8 | 000100-42-5 | 55 |
| 5 | 2H-Inden-2-one, 1,3-dihydro- | 132 | C9H8O | 000615-13-4 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

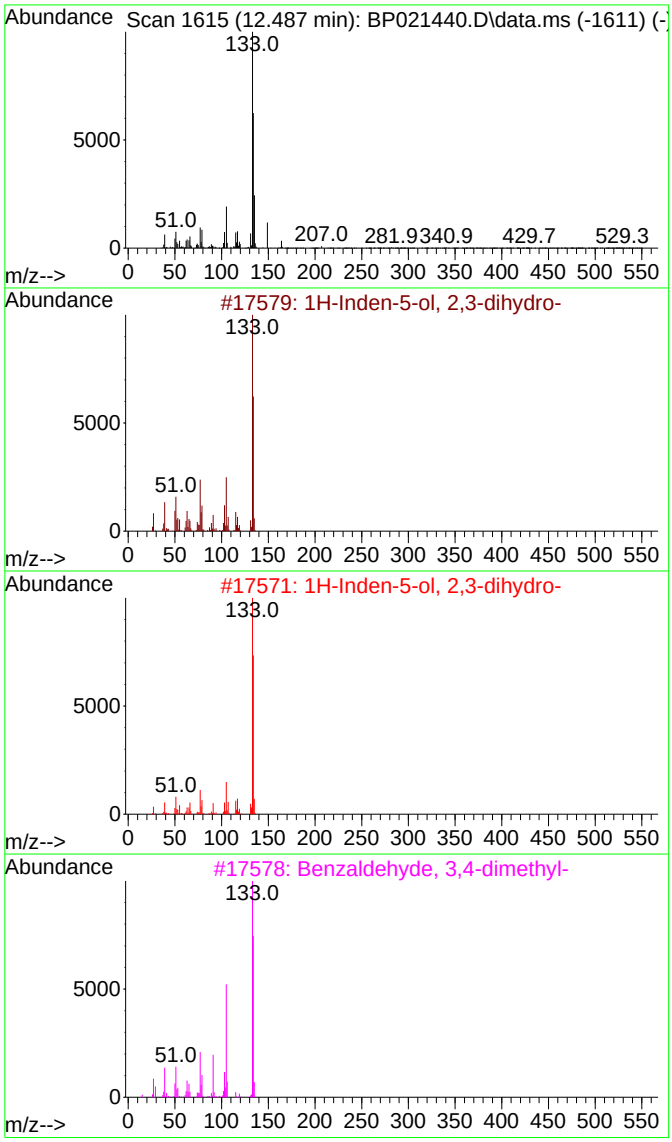
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

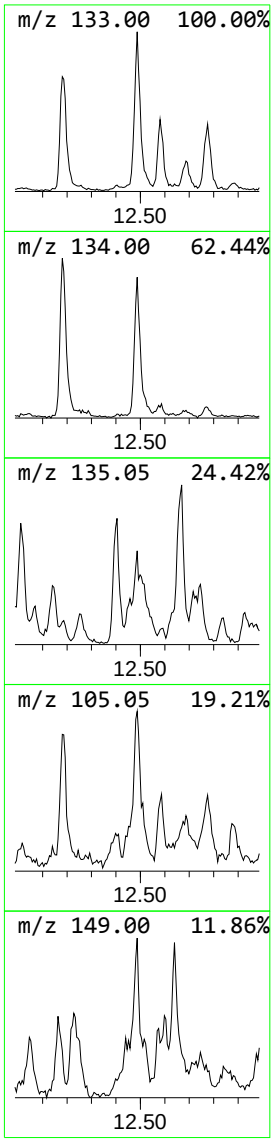
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 1H-Inden-5-ol, 2,3-dihydro- Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.487 | 3.80 ng/ul | 309338 | Acenaphthene-d10 | 14.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Inden-5-ol, 2,3-dihydro- | 134 | C9H10O | 001470-94-6 | 87 |
| 2 | 1H-Inden-5-ol, 2,3-dihydro- | 134 | C9H10O | 001470-94-6 | 81 |
| 3 | Benzaldehyde, 3,4-dimethyl- | 134 | C9H10O | 005973-71-7 | 72 |
| 4 | Nicotinonitrile, 1-ethyl-1,4-dih... | 134 | C8H10N2 | 019424-16-9 | 53 |
| 5 | 1-(3-Methyl-2-butenoxy)-4-(1-pro... | 202 | C14H18O | 078259-41-3 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

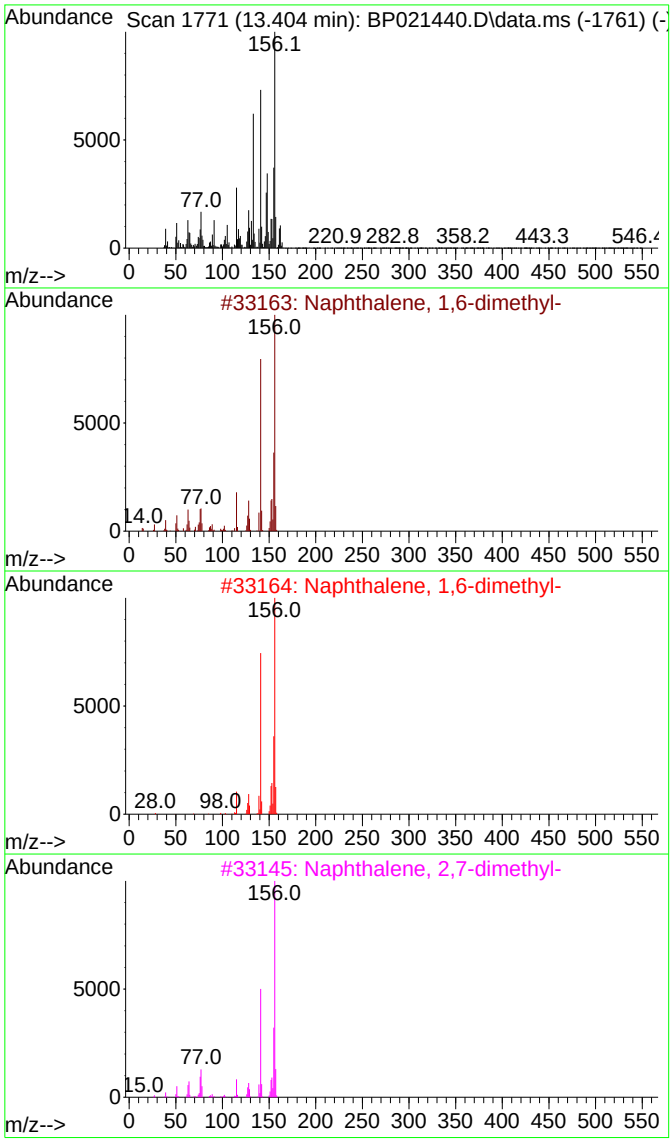
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

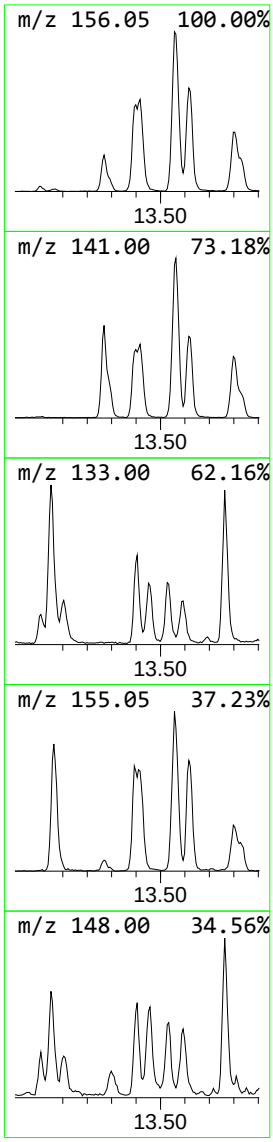
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 Naphthalene, 1,6-dimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.404 | 9.68 ng/ul | 787985 | Acenaphthene-d10 | 14.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 93 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 93 |
| 5 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

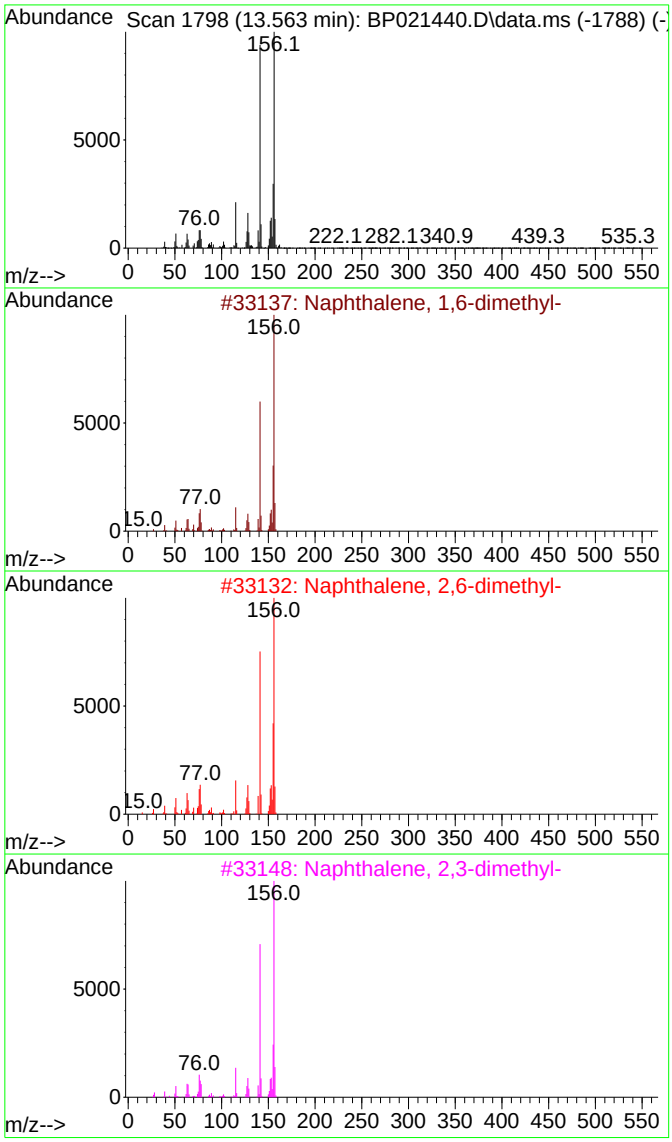
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

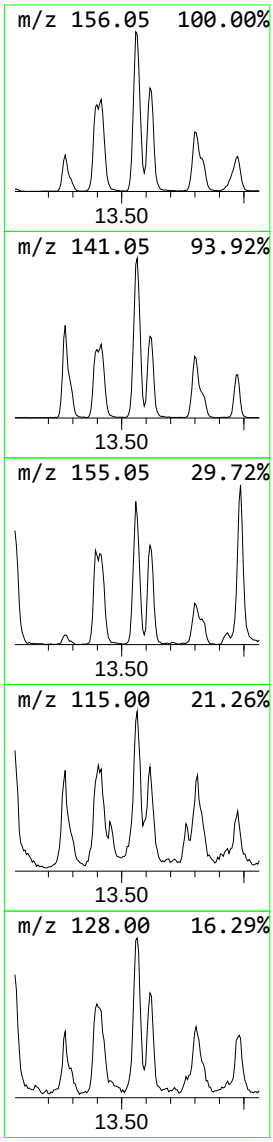
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Naphthalene, 2,6-dimethyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.563 | 8.92 ng/ul | 726064 | Acenaphthene-d10 | 14.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 5 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

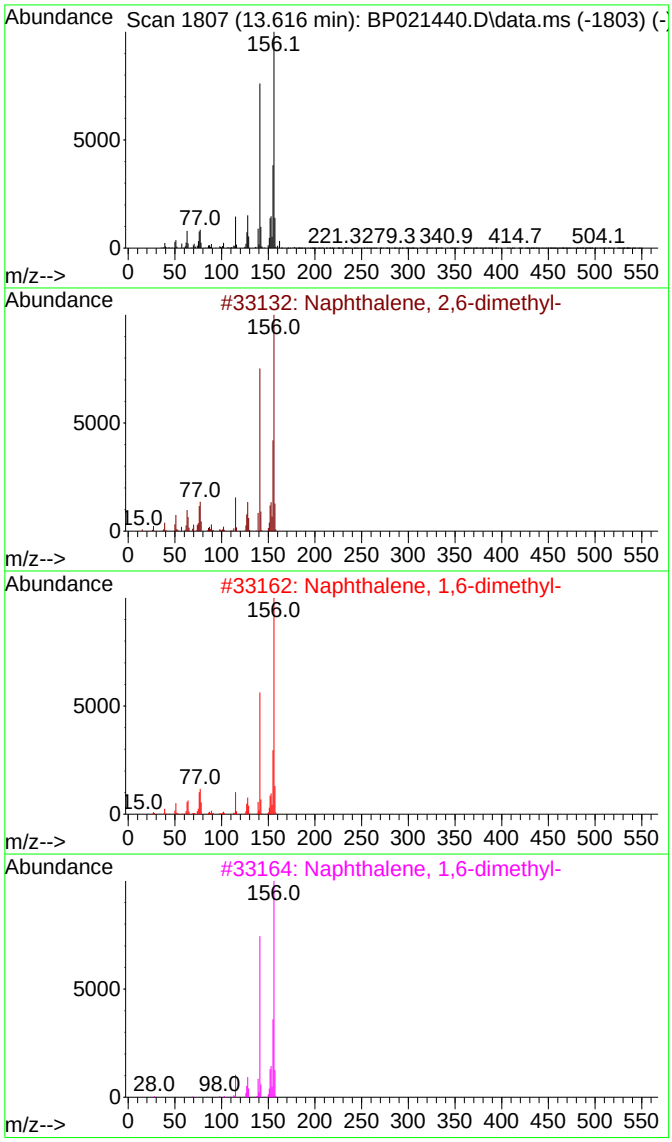
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

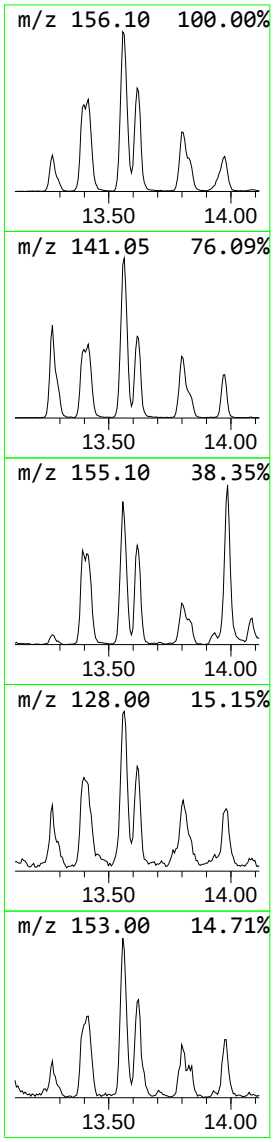
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 Naphthalene, 2,7-dimethyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.616 | 5.41 ng/ul | 440466 | Acenaphthene-d10 | 14.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |
| 5 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

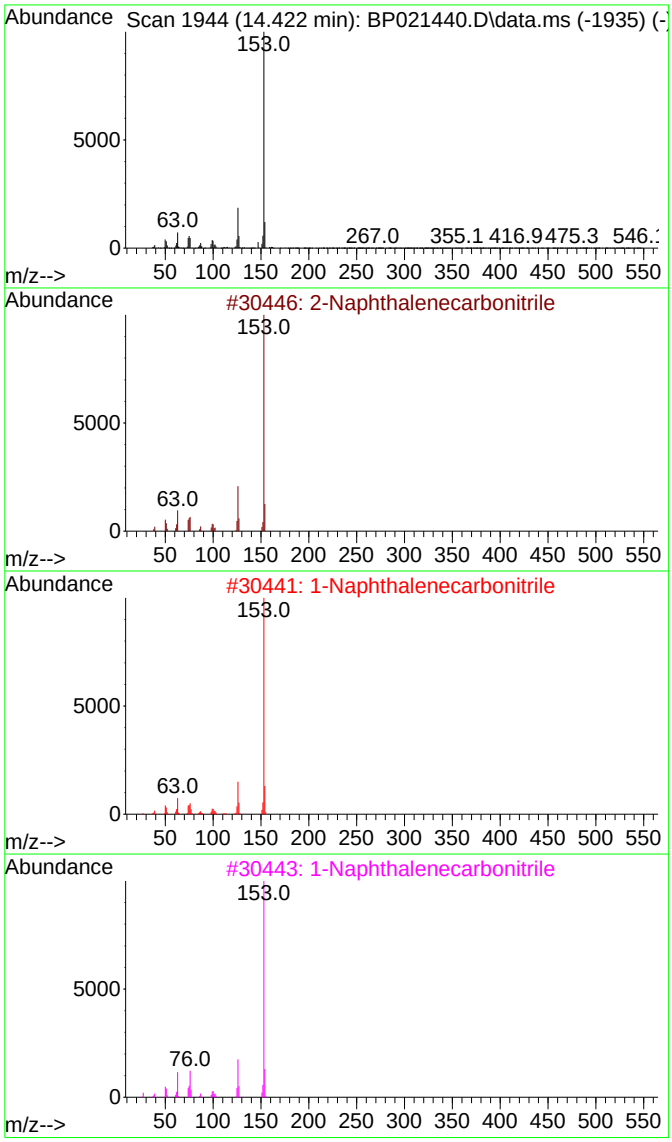
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

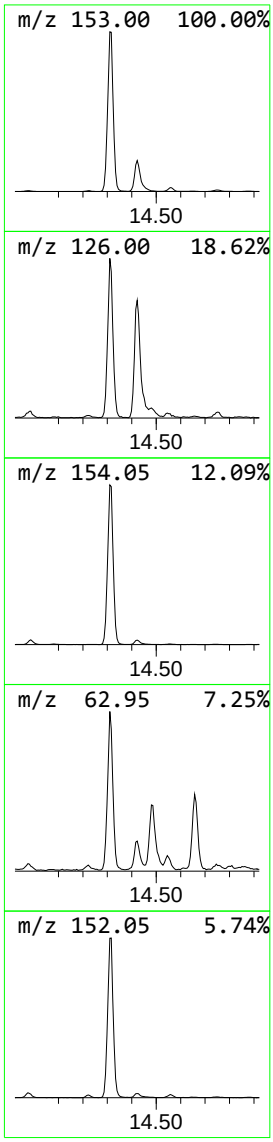
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 2-Naphthalenecarbonitrile Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.422 | 8.39 ng/ul | 682981 | Acenaphthene-d10 | 14.245 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

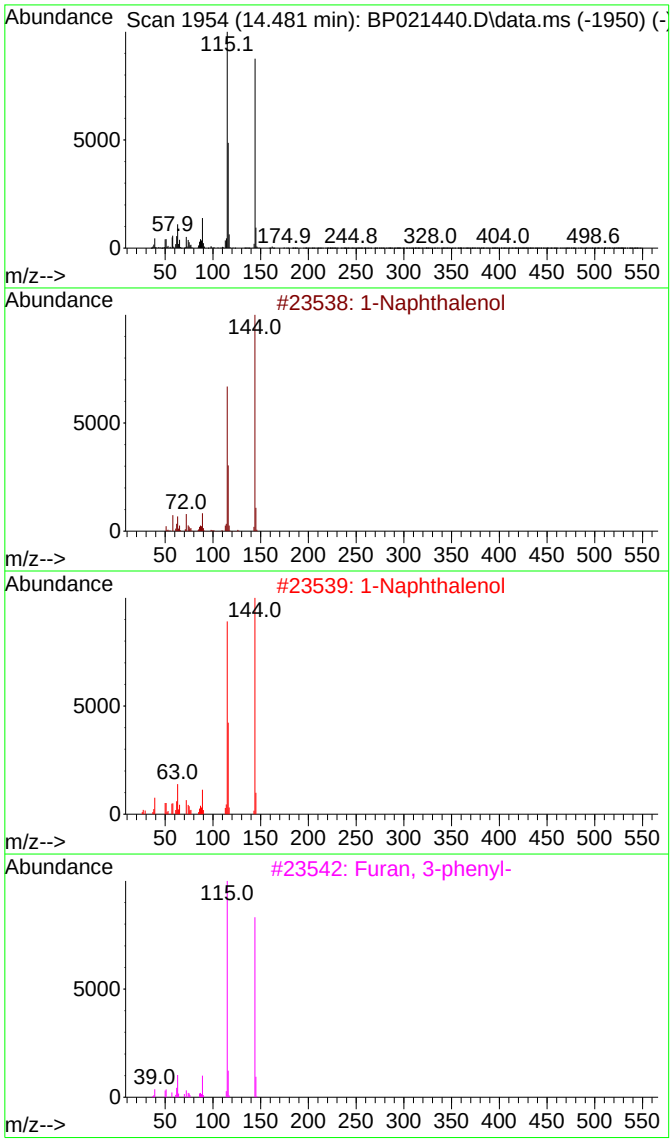
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

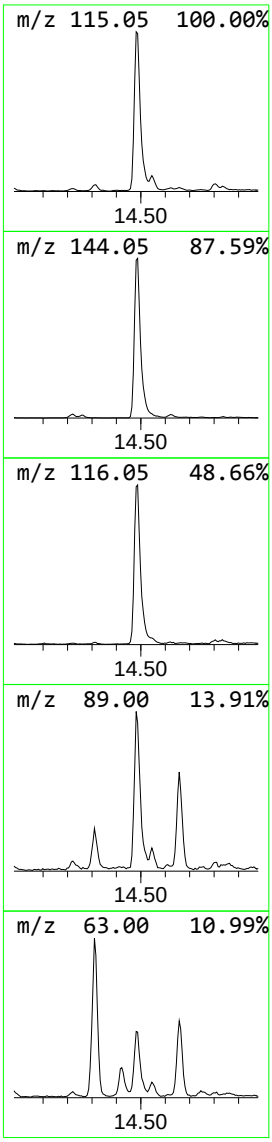
**********

Peak Number 27 1-Naphthalenol Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.481 | 19.40 ng/ul | 1579740 | Acenaphthene-d10 | 14.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Naphthalenol | 144 | C10H8O | 000090-15-3 | 96 |
| 2 | 1-Naphthalenol | 144 | C10H8O | 000090-15-3 | 96 |
| 3 | Furan, 3-phenyl- | 144 | C10H8O | 013679-41-9 | 94 |
| 4 | 1-Naphthalenol | 144 | C10H8O | 000090-15-3 | 94 |
| 5 | 1-Naphthalenol | 144 | C10H8O | 000090-15-3 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

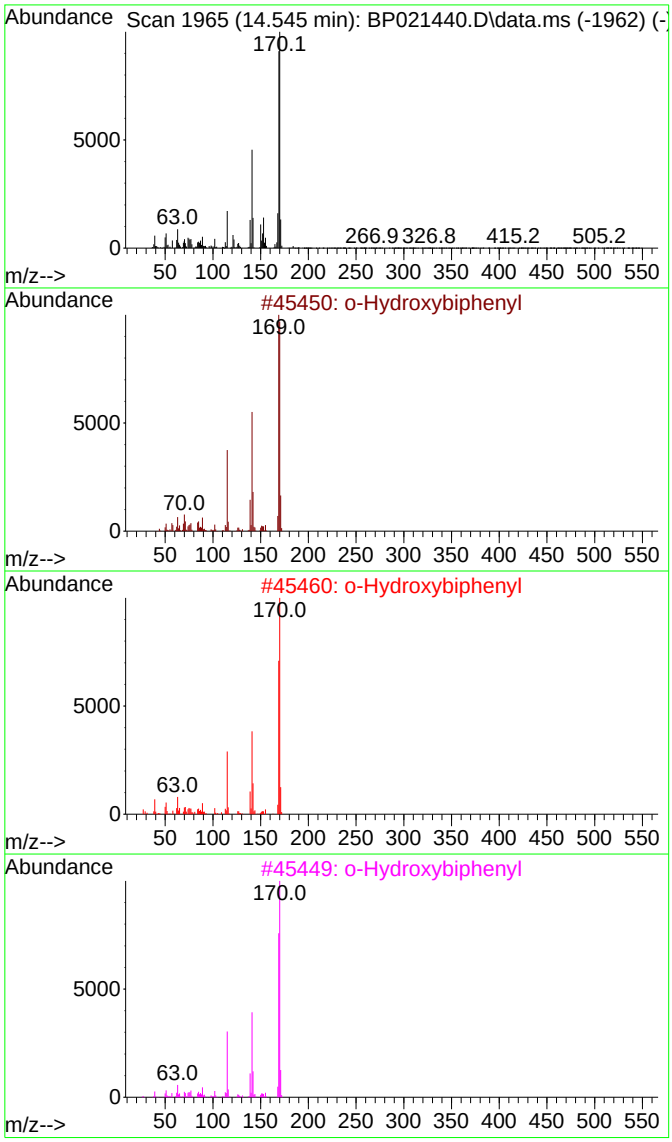
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

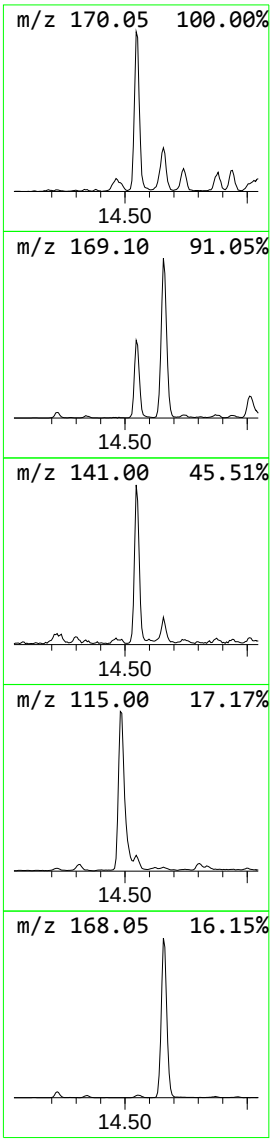
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 o-Hydroxybiphenyl Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.545 | 5.65 ng/ul | 459890 | Acenaphthene-d10 | 14.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Hydroxybiphenyl | 170 | C12H10O | 000090-43-7 | 90 |
| 2 | o-Hydroxybiphenyl | 170 | C12H10O | 000090-43-7 | 87 |
| 3 | o-Hydroxybiphenyl | 170 | C12H10O | 000090-43-7 | 87 |
| 4 | o-Hydroxybiphenyl | 170 | C12H10O | 000090-43-7 | 87 |
| 5 | 1-Acenaphthenol | 170 | C12H10O | 006306-07-6 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

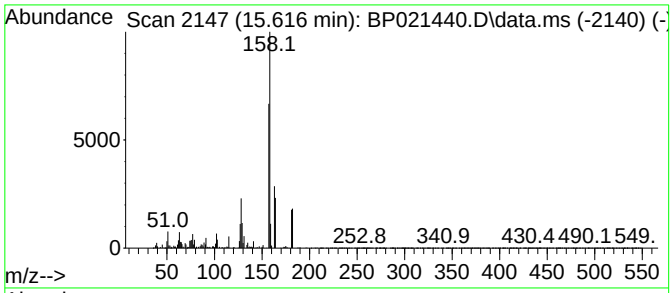
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

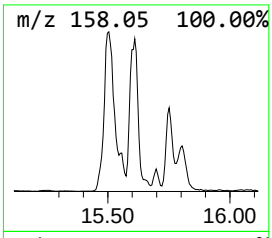
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

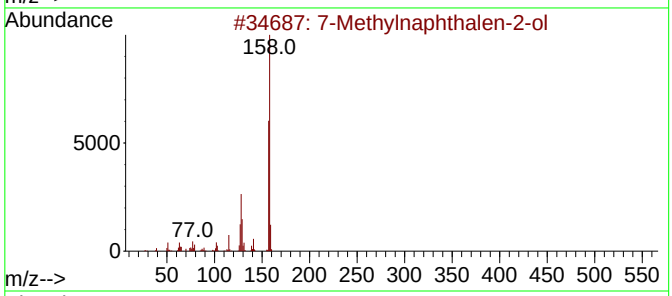
**********
Peak Number 31 7-Methylnaphthalen-2-ol Concentration Rank 10

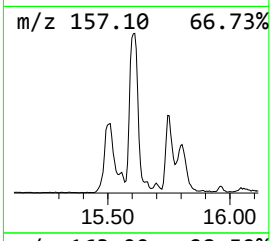
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.616 | 10.13 ng/ul | 825242 | Acenaphthene-d10 | 14.245 |

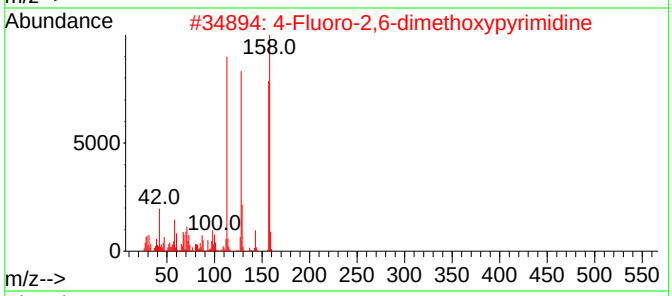
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-Methylnaphthalen-2-ol | 158 | C11H10O | 026593-50-0 | 70 |
| 2 | 4-Fluoro-2,6-dimethoxypyrimidine | 158 | C6H7FN2O2 | 000658-87-7 | 53 |
| 3 | Benzaldehyde, 2,6-difluoro-3-hyd... | 158 | C7H4F2O2 | 152434-88-3 | 47 |
| 4 | 1-Naphthalenol, 2-methyl- | 158 | C11H10O | 007469-77-4 | 43 |
| 5 | Phenol, 3-chloro-5-methoxy- | 158 | C7H7ClO2 | 065262-96-6 | 43 |

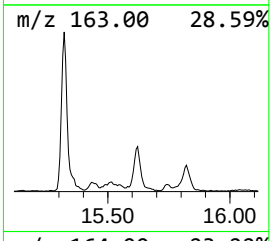


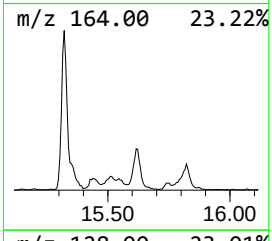



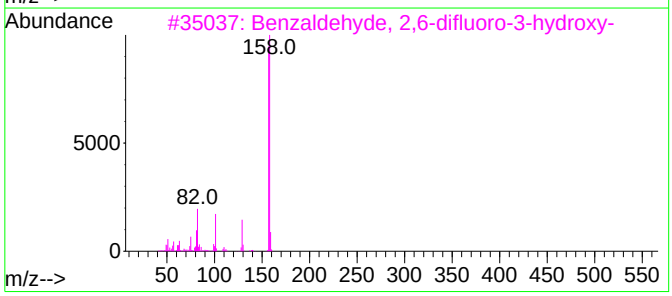



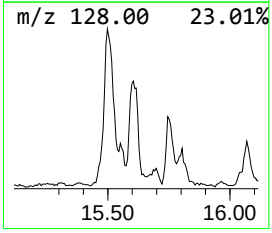



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

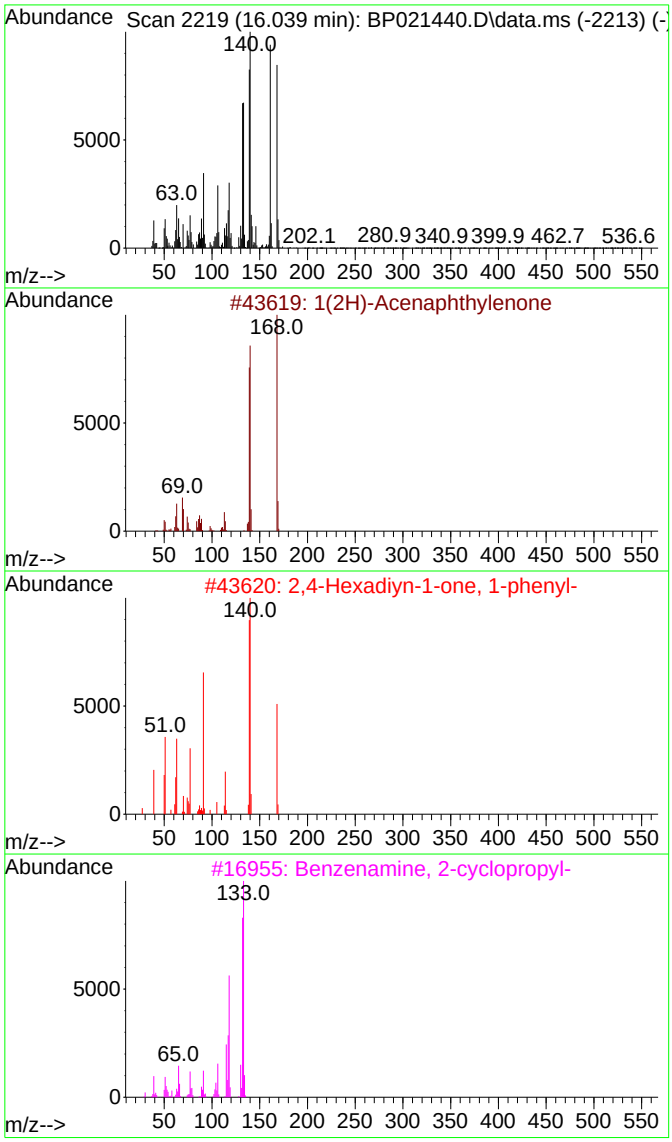
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

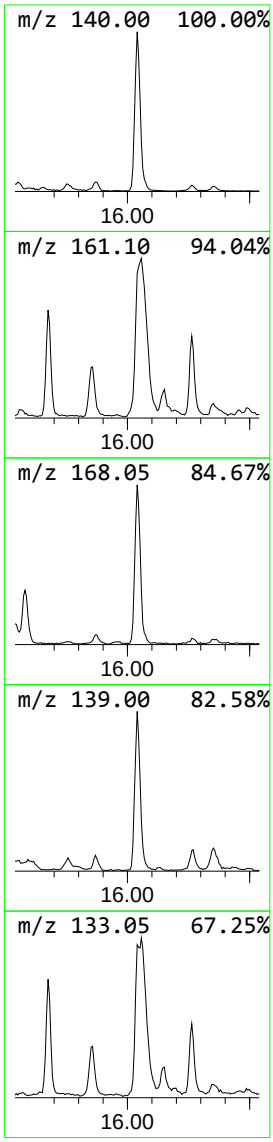
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 1(2H)-Acenaphthylenone Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.039 | 6.85 ng/ul | 777403 | Phenanthrene-d10 | 17.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1(2H)-Acenaphthylenone | 168 | C12H8O | 002235-15-6 | 70 |
| 2 | 2,4-Hexadiyn-1-one, 1-phenyl- | 168 | C12H8O | 000495-74-9 | 50 |
| 3 | Benzenamine, 2-cyclopropyl- | 133 | C9H11N | 1000327-33-3 | 45 |
| 4 | 3-Aminocoumarin | 161 | C9H7NO2 | 001635-31-0 | 35 |
| 5 | Thiophene, 2,5-dipropyl- | 168 | C10H16S | 054411-07-3 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

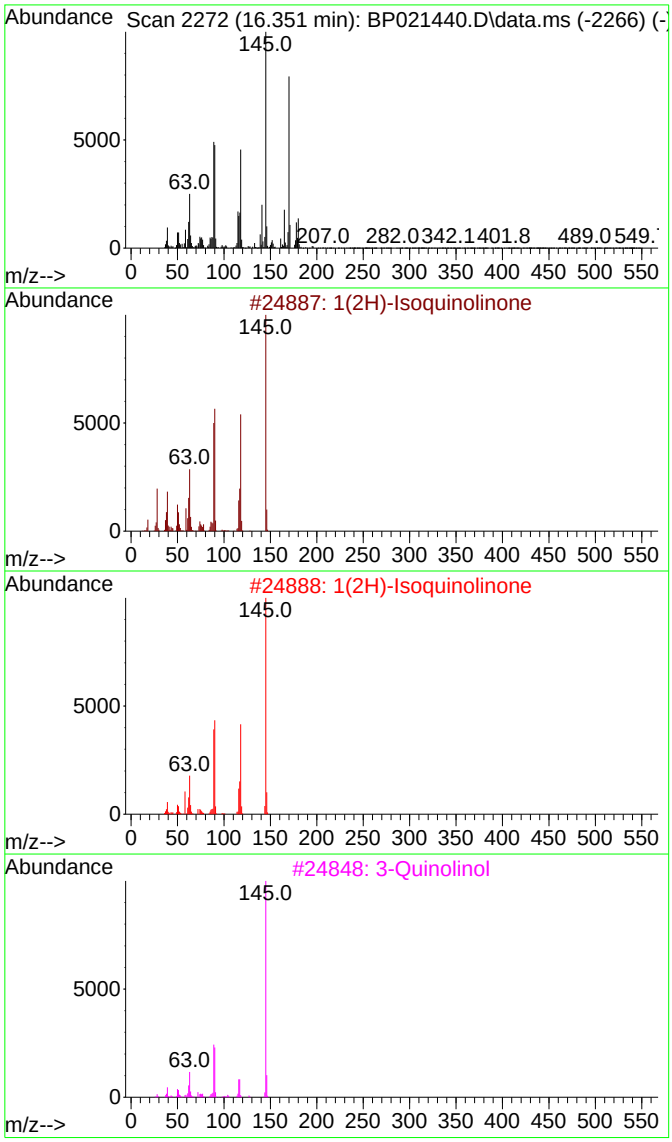
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

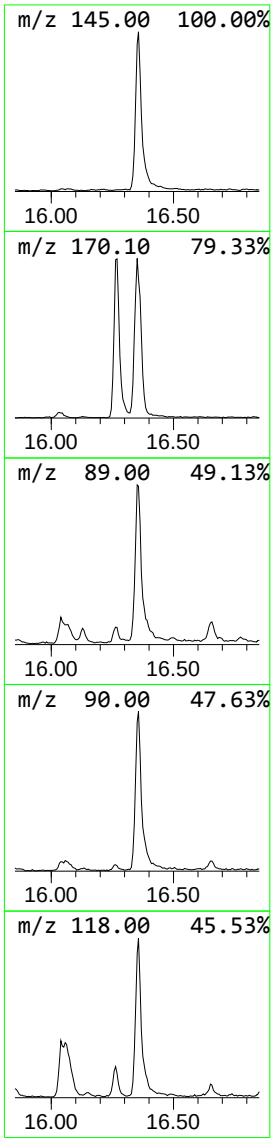
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 1(2H)-Isoquinolinone Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.351 | 10.29 ng/ul | 1168940 | Phenanthrene-d10 | 17.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1(2H)-Isoquinolinone | 145 | C9H7NO | 000491-30-5 | 97 |
| 2 | 1(2H)-Isoquinolinone | 145 | C9H7NO | 000491-30-5 | 91 |
| 3 | 3-Quinolinol | 145 | C9H7NO | 000580-18-7 | 70 |
| 4 | 3-Hydroxybiphenyl | 170 | C12H10O | 000580-51-8 | 60 |
| 5 | 1(2H)-Isoquinolinone | 145 | C9H7NO | 000491-30-5 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

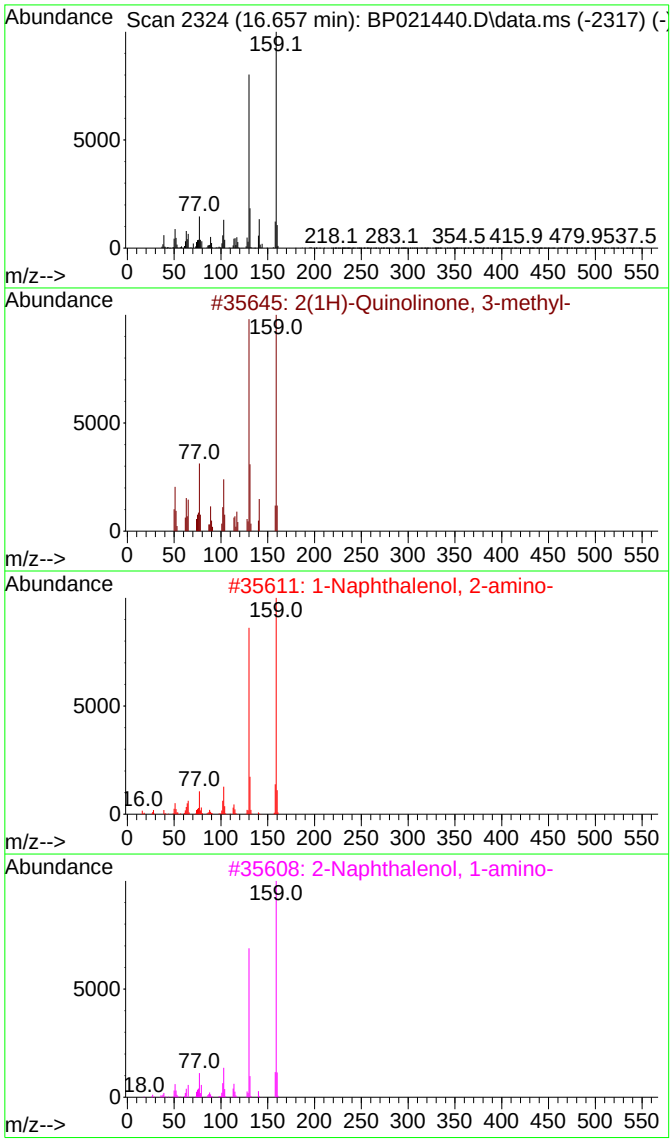
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

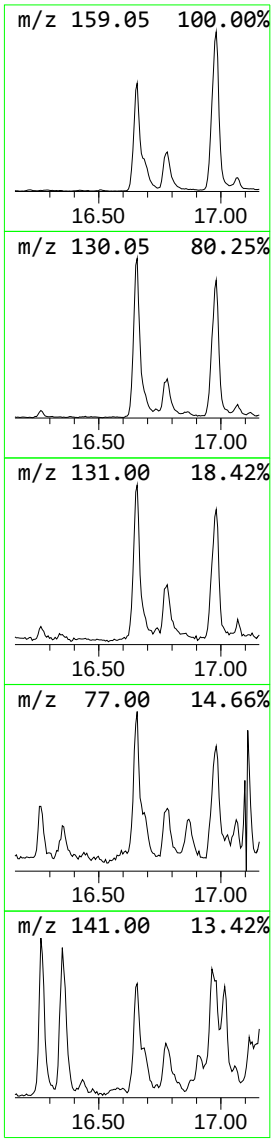
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 2(1H)-Quinolinone, 3-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.657 | 8.53 ng/ul | 969198 | Phenanthrene-d10 | 17.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2(1H)-Quinolinone, 3-methyl- | 159 | C10H9NO | 002721-59-7 | 95 |
| 2 | 1-Naphthalenol, 2-amino- | 159 | C10H9NO | 000606-41-7 | 94 |
| 3 | 2-Naphthalenol, 1-amino- | 159 | C10H9NO | 002834-92-6 | 93 |
| 4 | 2-(Aminomethylidene)-2,3-dihydro... | 159 | C10H9NO | 053394-92-6 | 90 |
| 5 | 4-Quinolinol, 2-methyl- | 159 | C10H9NO | 000607-67-0 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

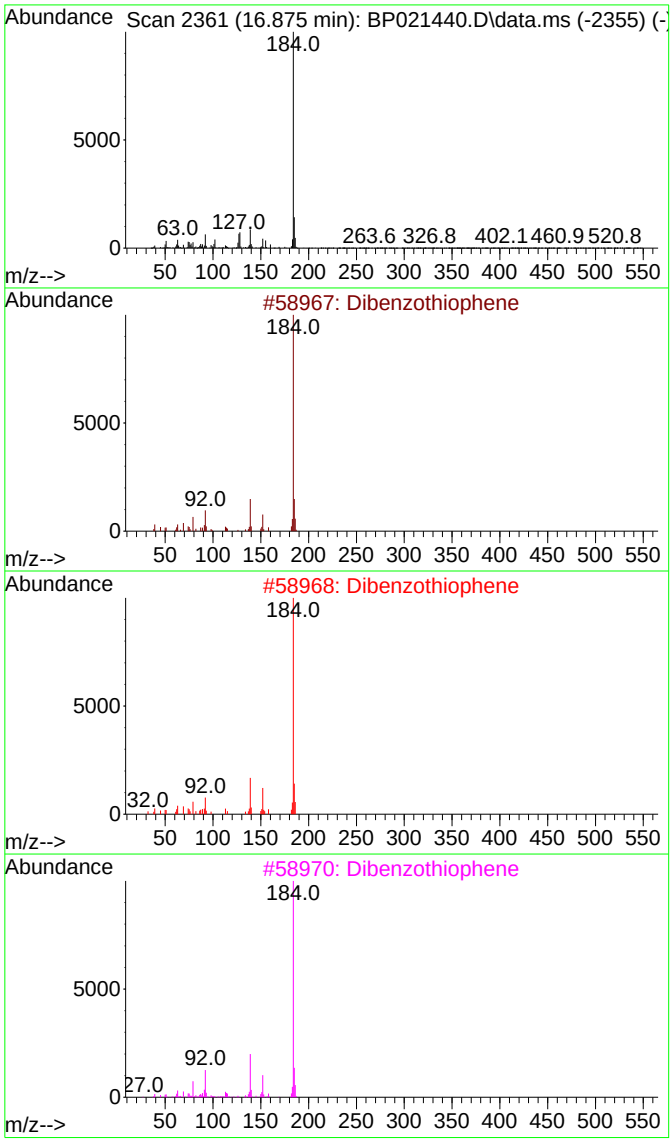
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

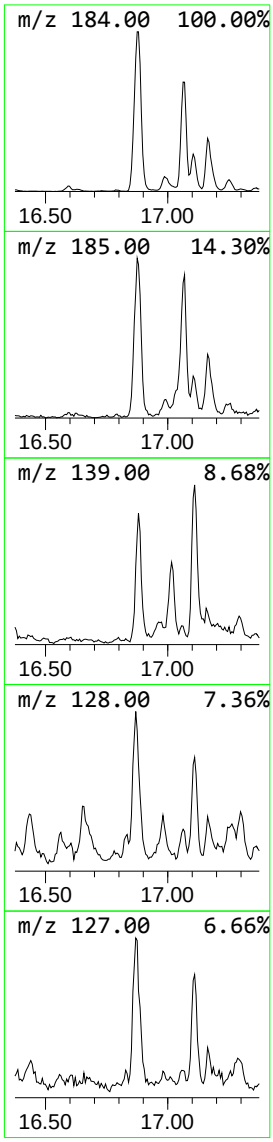
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 38 Dibenzothiophene Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.875 | 6.04 ng/ul | 685995 | Phenanthrene-d10 | 17.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 87 |
| 2 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 87 |
| 3 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 87 |
| 4 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 83 |
| 5 | Naphtho[2,3-b]thiophene | 184 | C12H8S | 000268-77-9 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

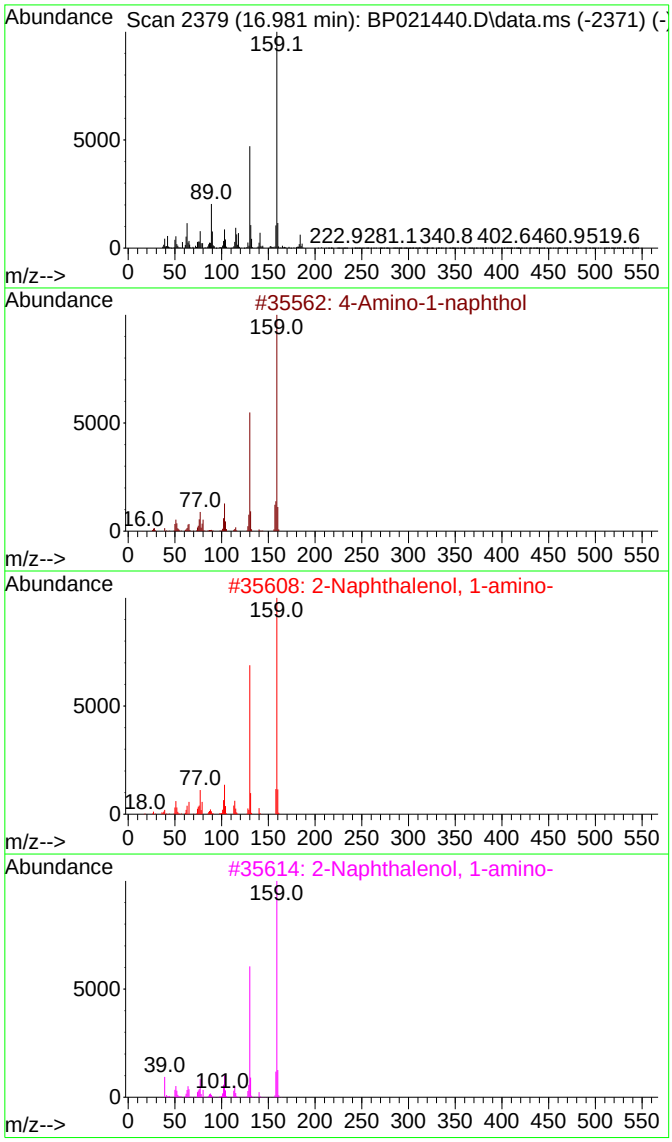
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

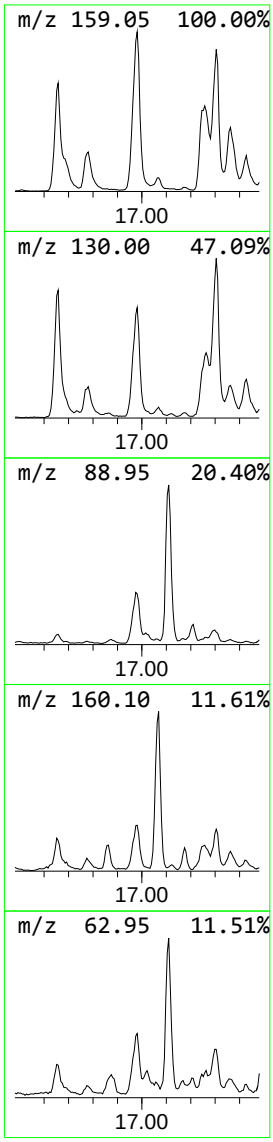
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 4-Amino-1-naphthol Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.981 | 10.48 ng/ul | 1190380 | Phenanthrene-d10 | 17.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Amino-1-naphthol | 159 | C10H9NO | 002834-90-4 | 81 |
| 2 | 2-Naphthalenol, 1-amino- | 159 | C10H9NO | 002834-92-6 | 81 |
| 3 | 2-Naphthalenol, 1-amino- | 159 | C10H9NO | 002834-92-6 | 81 |
| 4 | 2(1H)-Quinolinone, 1-methyl- | 159 | C10H9NO | 000606-43-9 | 74 |
| 5 | 4-Quinolinol, 2-methyl- | 159 | C10H9NO | 000607-67-0 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

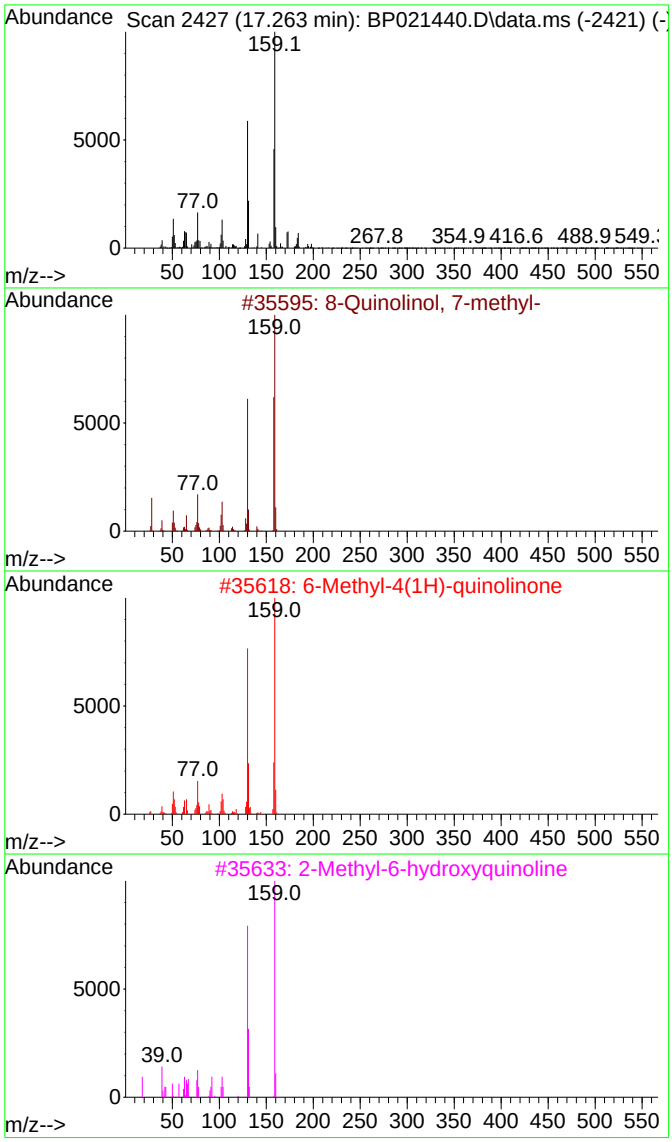
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

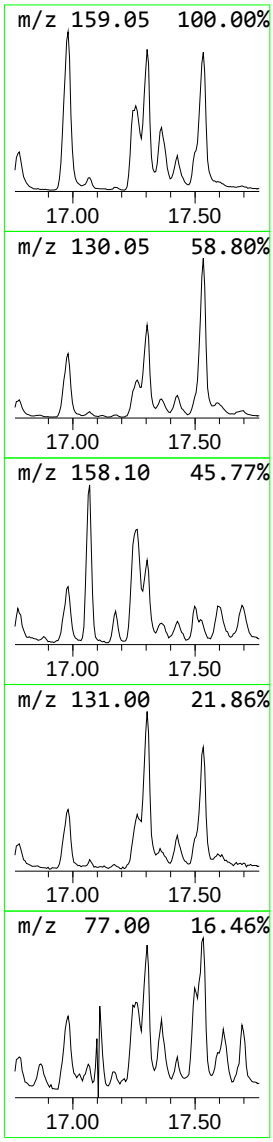
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 8-Quinolinol, 7-methyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.263 | 6.48 ng/ul | 736394 | Phenanthrene-d10 | 17.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 8-Quinolinol, 7-methyl- | 159 | C10H9NO | 005541-68-4 | 91 |
| 2 | 6-Methyl-4(1H)-quinolinone | 159 | C10H9NO | 023432-40-8 | 81 |
| 3 | 2-Methyl-6-hydroxyquinoline | 159 | C10H9NO | 000613-21-8 | 76 |
| 4 | 8-Methylquinolin-2(1H)-one | 159 | C10H9NO | 1000502-93-2 | 72 |
| 5 | 2-Methyl-6-hydroxyquinoline | 159 | C10H9NO | 000613-21-8 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

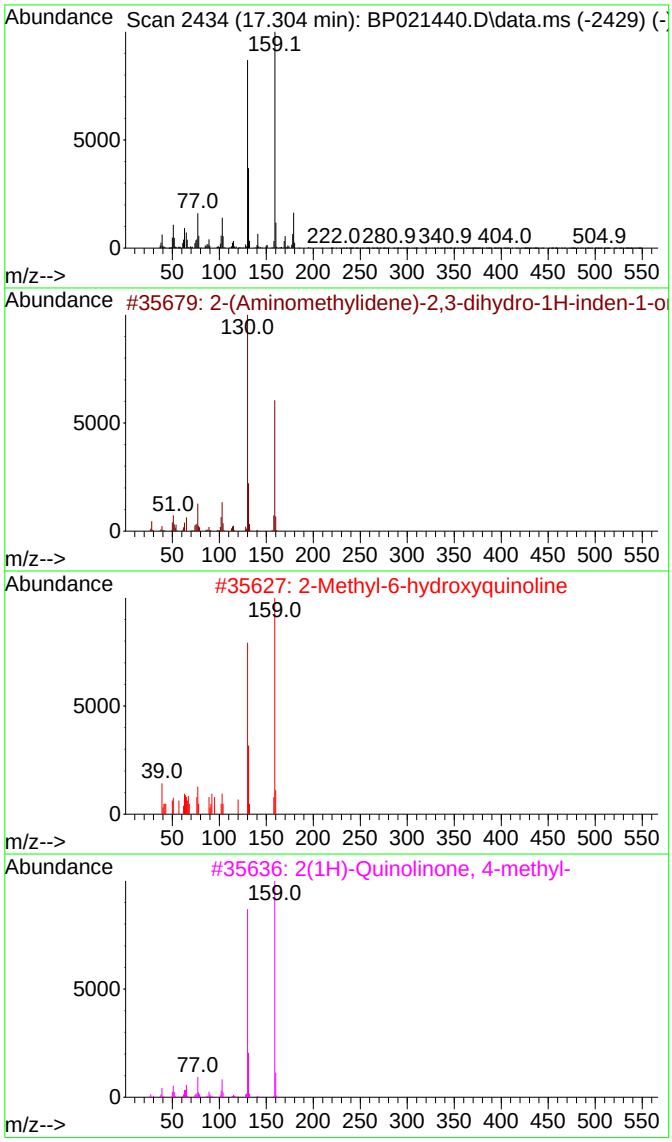
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

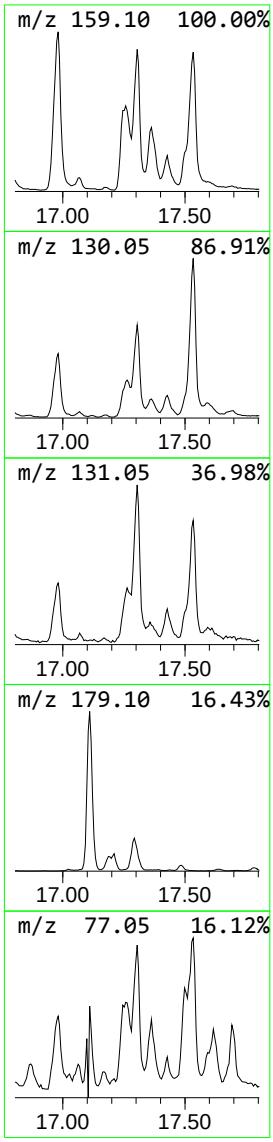
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 2-(Aminomethylidene)-2,3-di... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.304 | 9.92 ng/ul | 1126520 | Phenanthrene-d10 | 17.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-(Aminomethylidene)-2,3-dihydro... | 159 | C10H9NO | 053394-92-6 | 91 |
| 2 | 2-Methyl-6-hydroxyquinoline | 159 | C10H9NO | 000613-21-8 | 87 |
| 3 | 2(1H)-Quinolinone, 4-methyl- | 159 | C10H9NO | 000607-66-9 | 87 |
| 4 | 1-Naphthalenol, 6-amino- | 159 | C10H9NO | 023894-12-4 | 86 |
| 5 | 4-Quinolinol, 2-methyl- | 159 | C10H9NO | 000607-67-0 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

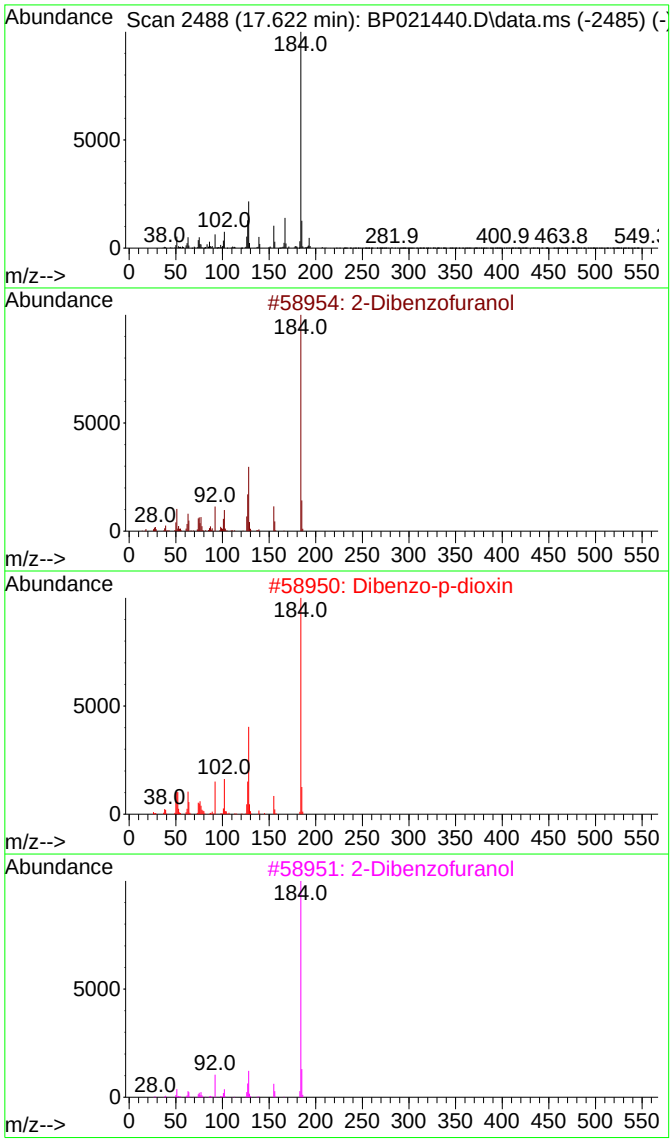
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

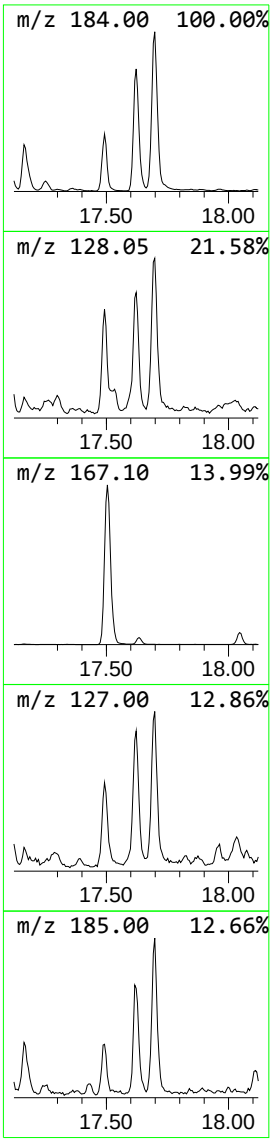
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 2-Dibenzofuranol Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.622 | 5.94 ng/ul | 674555 | Phenanthrene-d10 | 17.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Dibenzofuranol | 184 | C12H8O2 | 000086-77-1 | 91 |
| 2 | Dibenzo-p-dioxin | 184 | C12H8O2 | 000262-12-4 | 83 |
| 3 | 2-Dibenzofuranol | 184 | C12H8O2 | 000086-77-1 | 74 |
| 4 | Dibenzo-p-dioxin | 184 | C12H8O2 | 000262-12-4 | 72 |
| 5 | 5-(Hydroxymethyl)-4,6-dimethyl-2... | 184 | C8H12N2OS | 1000326-73-9 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

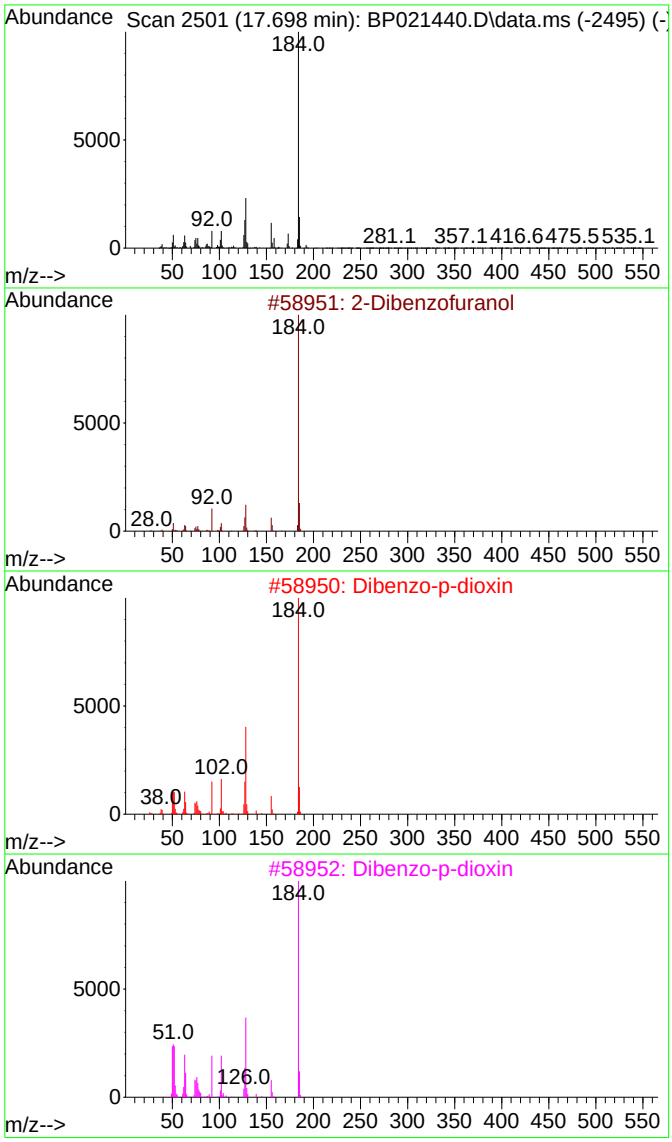
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

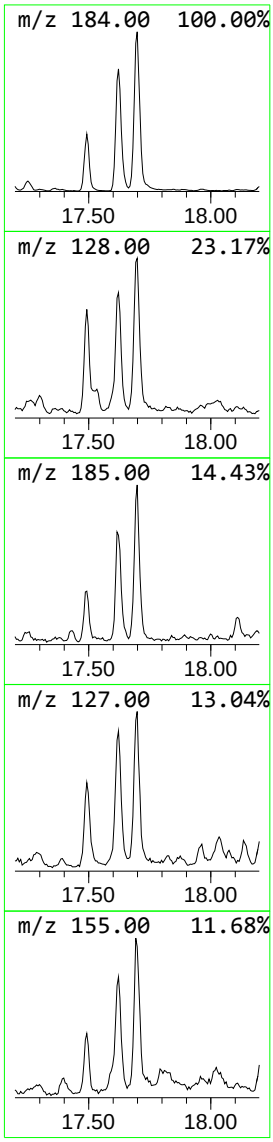
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 44 Dibenzo-p-dioxin Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.698 | 6.40 ng/ul | 726405 | Phenanthrene-d10 | 17.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Dibenzofuranol | 184 | C12H8O2 | 000086-77-1 | 90 |
| 2 | Dibenzo-p-dioxin | 184 | C12H8O2 | 000262-12-4 | 90 |
| 3 | Dibenzo-p-dioxin | 184 | C12H8O2 | 000262-12-4 | 87 |
| 4 | 2-Dibenzofuranol | 184 | C12H8O2 | 000086-77-1 | 83 |
| 5 | Dibenzo-p-dioxin | 184 | C12H8O2 | 000262-12-4 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

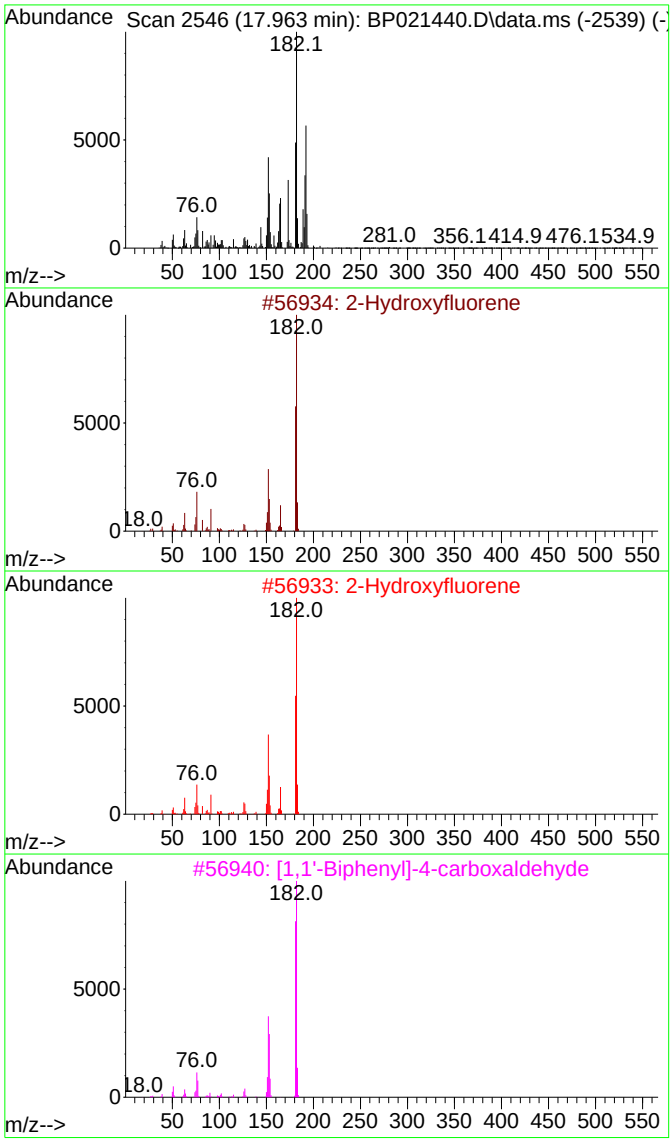
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

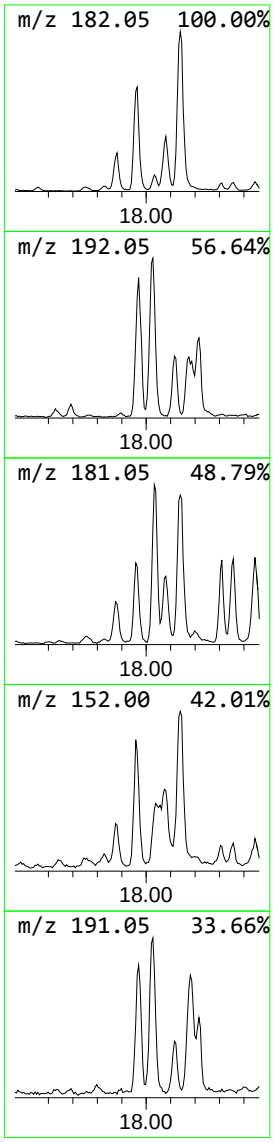
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 45 2-Hydroxyfluorene Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.963 | 6.40 ng/ul | 727330 | Phenanthrene-d10 | 17.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hydroxyfluorene | 182 | C13H10O | 002443-58-5 | 90 |
| 2 | 2-Hydroxyfluorene | 182 | C13H10O | 002443-58-5 | 64 |
| 3 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 56 |
| 4 | Phenanthrene, 1,2,3,4-tetrahydro- | 182 | C14H14 | 001013-08-7 | 38 |
| 5 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

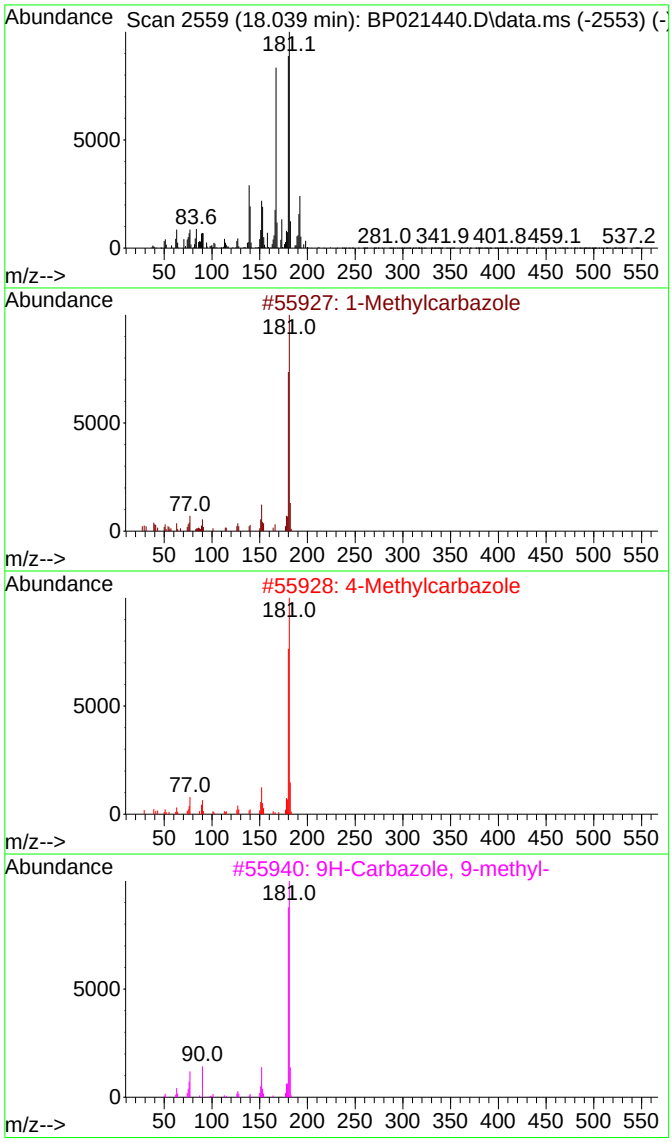
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

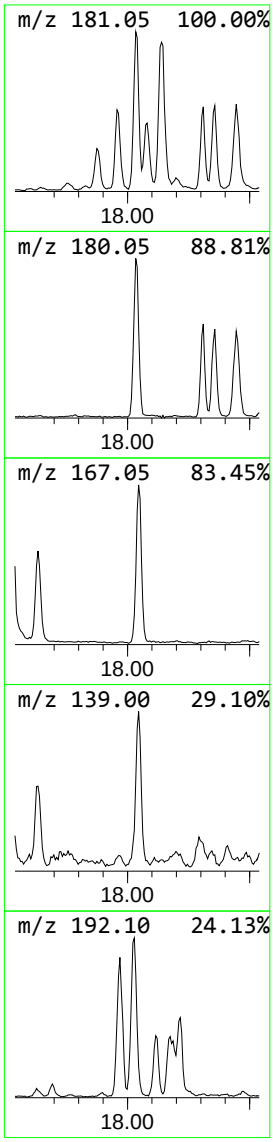
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 46 1-Methylcarbazole Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.039 | 5.97 ng/ul | 677603 | Phenanthrene-d10 | 17.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Methylcarbazole | 181 | C13H11N | 006510-65-2 | 86 |
| 2 | 4-Methylcarbazole | 181 | C13H11N | 003770-48-7 | 86 |
| 3 | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 70 |
| 4 | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 60 |
| 5 | 2-Fluorenamine | 181 | C13H11N | 000153-78-6 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

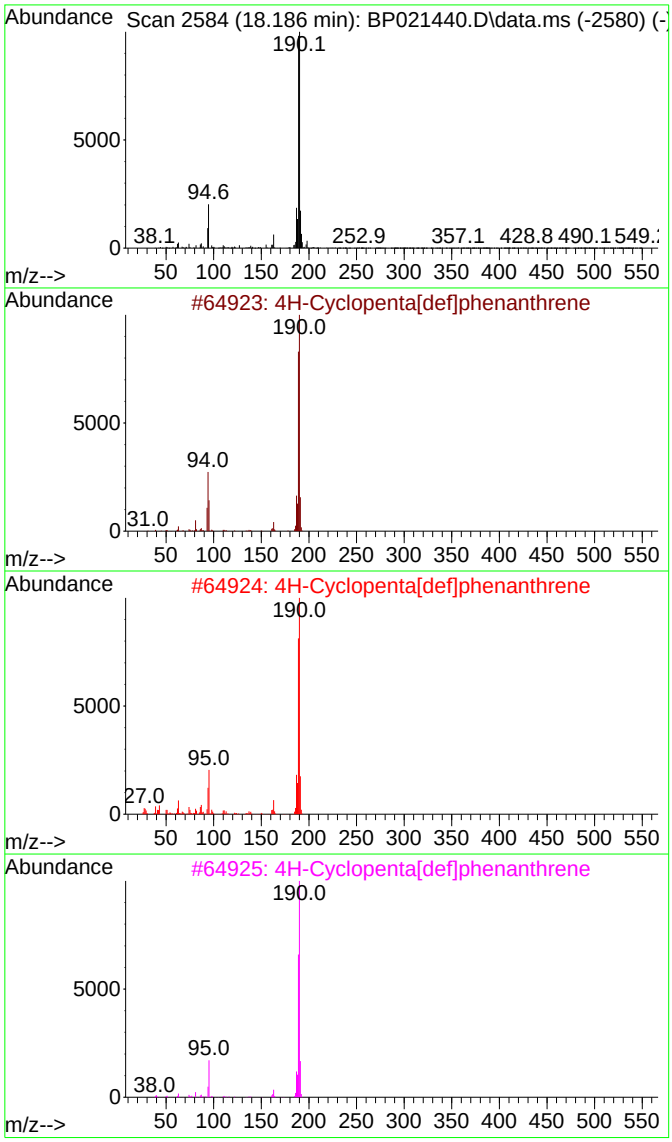
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

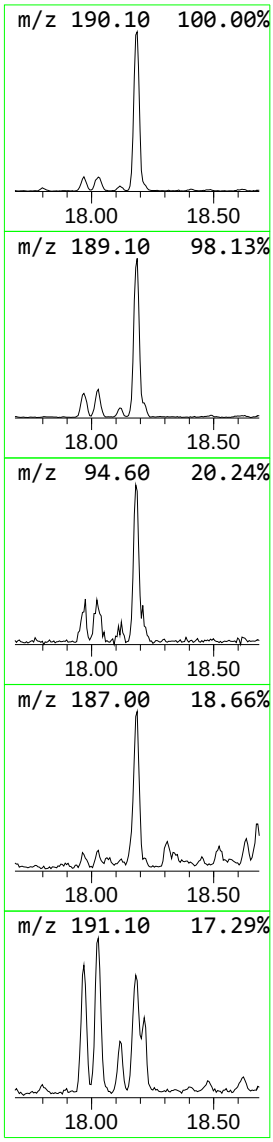
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 48 4H-Cyclopenta[def]phenanthrene Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.186 | 5.73 ng/ul | 650969 | Phenanthrene-d10 | 17.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 97 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 87 |
| 3 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 87 |
| 4 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 72 |
| 5 | Phenol, 4-(2-thienylmethyl)- | 190 | C11H10OS | 091680-55-6 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

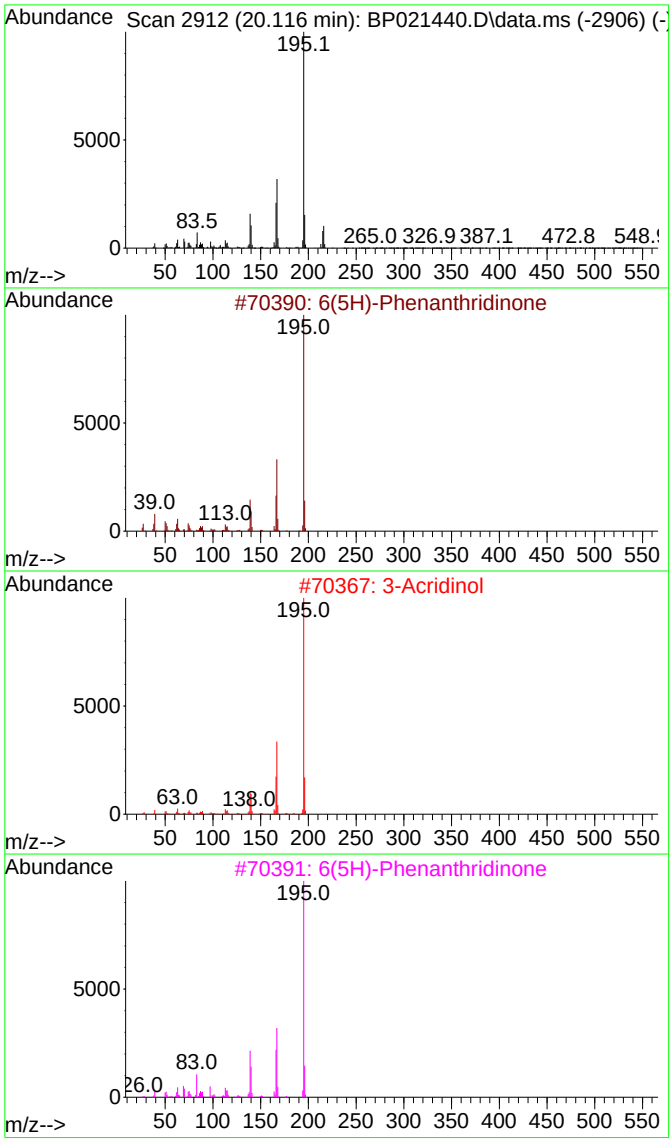
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

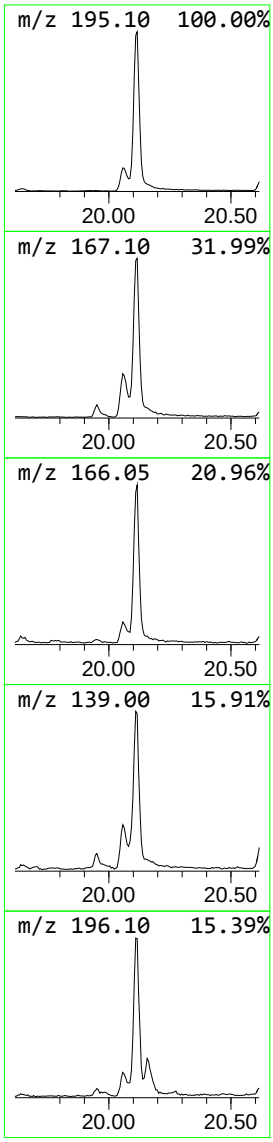
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 55 6(5H)-Phenanthridinone Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.116 | 12.26 ng/ul | 1630640 | Chrysene-d12 | 21.516 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6(5H)-Phenanthridinone | 195 | C13H9NO | 001015-89-0 | 96 |
| 2 | 3-Acridinol | 195 | C13H9NO | 007132-70-9 | 96 |
| 3 | 6(5H)-Phenanthridinone | 195 | C13H9NO | 001015-89-0 | 95 |
| 4 | 4-Amino-9-fluorenone | 195 | C13H9NO | 004269-15-2 | 94 |
| 5 | 2-Amino-9-fluorenone | 195 | C13H9NO | 003096-57-9 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

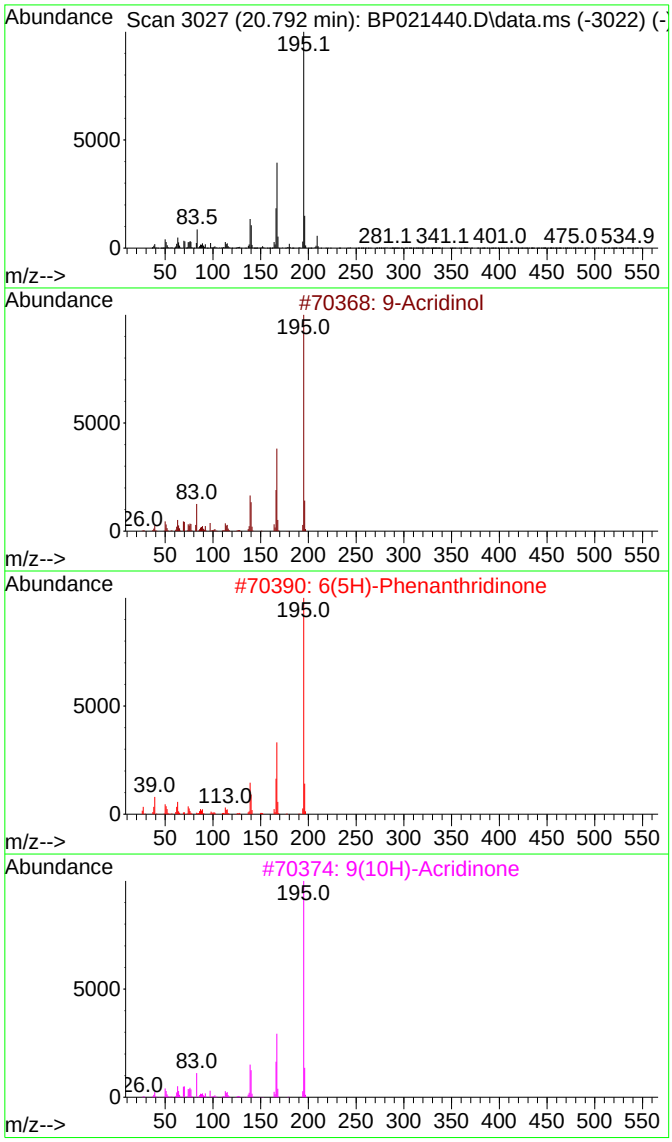
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

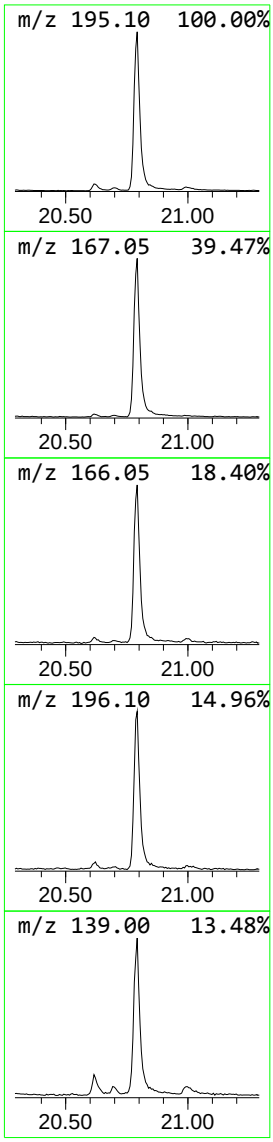
**********

Peak Number 56 9-Acridinol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.792 | 16.03 ng/ul | 2131940 | Chrysene-d12 | 21.516 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Acridinol | 195 | C13H9NO | 000643-62-9 | 97 |
| 2 | 6(5H)-Phenanthridinone | 195 | C13H9NO | 001015-89-0 | 96 |
| 3 | 9(10H)-Acridinone | 195 | C13H9NO | 000578-95-0 | 96 |
| 4 | 9(10H)-Acridinone | 195 | C13H9NO | 000578-95-0 | 96 |
| 5 | 3-Acridinol | 195 | C13H9NO | 007132-70-9 | 96 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021440.D
Acq On : 08 Aug 2024 07:12
Operator : CG/JU
Sample : P3378-02DL 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AX7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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 |
| Indane | 7.957 | 67.5 | ng/ul | 2629860 | 1 | 7.610 | 779524 | 20.0 |
| 2-Propenal, 3-p... | 9.075 | 7.2 | ng/ul | 387975 | 2 | 10.369 | 1079300 | 20.0 |
| Phenol, 3,4-dim... | 9.922 | 5.3 | ng/ul | 285903 | 2 | 10.369 | 1079300 | 20.0 |
| Benzo[b]thiophene | 10.540 | 32.8 | ng/ul | 1770100 | 2 | 10.369 | 1079300 | 20.0 |
| Phenol, 4-ethyl... | 10.951 | 5.3 | ng/ul | 287190 | 2 | 10.369 | 1079300 | 20.0 |
| Phenol, 3-ethyl... | 11.246 | 10.3 | ng/ul | 554343 | 2 | 10.369 | 1079300 | 20.0 |
| Phenol, 2,4,6-t... | 11.481 | 9.0 | ng/ul | 487338 | 2 | 10.369 | 1079300 | 20.0 |
| 1H-Inden-1-one,... | 11.810 | 6.5 | ng/ul | 348150 | 2 | 10.369 | 1079300 | 20.0 |
| 1H-Inden-5-ol, ... | 12.487 | 3.8 | ng/ul | 309338 | 3 | 14.245 | 1628830 | 20.0 |
| Naphthalene, 1,... | 13.404 | 9.7 | ng/ul | 787985 | 3 | 14.245 | 1628830 | 20.0 |
| Naphthalene, 2,... | 13.563 | 8.9 | ng/ul | 726064 | 3 | 14.245 | 1628830 | 20.0 |
| Naphthalene, 2,... | 13.616 | 5.4 | ng/ul | 440466 | 3 | 14.245 | 1628830 | 20.0 |
| 2-Naphthaleneca... | 14.422 | 8.4 | ng/ul | 682981 | 3 | 14.245 | 1628830 | 20.0 |
| 1-Naphthalenol | 14.481 | 19.4 | ng/ul | 1579740 | 3 | 14.245 | 1628830 | 20.0 |
| o-Hydroxybiphenyl | 14.545 | 5.7 | ng/ul | 459890 | 3 | 14.245 | 1628830 | 20.0 |
| 7-Methylnaphtha... | 15.616 | 10.1 | ng/ul | 825242 | 3 | 14.245 | 1628830 | 20.0 |
| 1(2H)-Acenaphth... | 16.039 | 6.8 | ng/ul | 777403 | 4 | 17.069 | 2271180 | 20.0 |
| 1(2H)-Isoquinol... | 16.351 | 10.3 | ng/ul | 1168940 | 4 | 17.069 | 2271180 | 20.0 |
| 2(1H)-Quinolino... | 16.657 | 8.5 | ng/ul | 969198 | 4 | 17.069 | 2271180 | 20.0 |
| Dibenzothiophene | 16.875 | 6.0 | ng/ul | 685995 | 4 | 17.069 | 2271180 | 20.0 |
| 4-Amino-1-naphthol | 16.981 | 10.5 | ng/ul | 1190380 | 4 | 17.069 | 2271180 | 20.0 |
| 8-Quinolinol, 7... | 17.263 | 6.5 | ng/ul | 736394 | 4 | 17.069 | 2271180 | 20.0 |
| 2-(Aminomethyli... | 17.304 | 9.9 | ng/ul | 1126520 | 4 | 17.069 | 2271180 | 20.0 |
| 2-Dibenzofuranol | 17.622 | 5.9 | ng/ul | 674555 | 4 | 17.069 | 2271180 | 20.0 |
| Dibenzo-p-dioxin | 17.698 | 6.4 | ng/ul | 726405 | 4 | 17.069 | 2271180 | 20.0 |
| 2-Hydroxyfluorene | 17.963 | 6.4 | ng/ul | 727330 | 4 | 17.069 | 2271180 | 20.0 |
| 1-Methylcarbazole | 18.039 | 6.0 | ng/ul | 677603 | 4 | 17.069 | 2271180 | 20.0 |
| 4H-Cyclopenta[d... | 18.186 | 5.7 | ng/ul | 650969 | 4 | 17.069 | 2271180 | 20.0 |
| 6(5H)-Phenanthr... | 20.116 | 12.3 | ng/ul | 1630640 | 5 | 21.516 | 2660760 | 20.0 |
| 9-Acridinol | 20.792 | 16.0 | ng/ul | 2131940 | 5 | 21.516 | 2660760 | 20.0 |