LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DCBN6

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-BM041823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM039532.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.307 | 381 | 386 | 399 | rBV2 | 112535 | 276496 | 0.29% | 0.051% |
| 2 | 5.443 | 403 | 409 | 423 | rVV | 155833 | 340077 | 0.36% | 0.063% |
| 3 | 6.337 | 556 | 561 | 564 | rVV | 2229022 | 3581057 | 3.79% | 0.661% |
| 4 | 6.372 | 564 | 567 | 583 | rVB | 1532353 | 2482770 | 2.63% | 0.458% |
| 5 | 6.572 | 596 | 601 | 613 | rBV | 370833 | 626558 | 0.66% | 0.116% |
| 6 | 7.037 | 674 | 680 | 691 | rBV | 413565 | 713019 | 0.75% | 0.132% |
| 7 | 7.160 | 694 | 701 | 709 | rBV | 914192 | 1619912 | 1.71% | 0.299% |
| 8 | 7.313 | 720 | 727 | 733 | rBV | 3454502 | 5919170 | 6.26% | 1.093% |
| 9 | 7.378 | 733 | 738 | 746 | rVV | 974659 | 1550829 | 1.64% | 0.286% |
| 10 | 7.460 | 746 | 752 | 761 | rVB | 736906 | 1165391 | 1.23% | 0.215% |
| 11 | 7.584 | 767 | 773 | 789 | rVB3 | 1819788 | 3936317 | 4.16% | 0.727% |
| 12 | 7.713 | 790 | 795 | 804 | rVB | 184001 | 316276 | 0.33% | 0.058% |
| 13 | 7.825 | 804 | 814 | 826 | rBV2 | 756036 | 1436664 | 1.52% | 0.265% |
| 14 | 7.948 | 826 | 835 | 842 | rBV2 | 533267 | 1385524 | 1.47% | 0.256% |
| 15 | 8.189 | 869 | 876 | 887 | rBV | 2429560 | 3928810 | 4.15% | 0.725% |
| 16 | 8.360 | 898 | 905 | 915 | rVV | 2018300 | 3400327 | 3.60% | 0.628% |
| 17 | 8.460 | 916 | 922 | 928 | rVV | 244251 | 393259 | 0.42% | 0.073% |
| 18 | 8.554 | 930 | 938 | 950 | rVV2 | 788424 | 1676371 | 1.77% | 0.310% |
| 19 | 8.925 | 996 | 1001 | 1007 | rVB | 244641 | 373002 | 0.39% | 0.069% |
| 20 | 8.995 | 1007 | 1013 | 1021 | rBV2 | 1285783 | 2293233 | 2.42% | 0.423% |
| 21 | 9.183 | 1037 | 1045 | 1051 | rBV | 275308 | 496293 | 0.52% | 0.092% |
| 22 | 9.307 | 1055 | 1066 | 1073 | rVV | 556257 | 1231702 | 1.30% | 0.227% |
| 23 | 9.454 | 1085 | 1091 | 1096 | rVV | 249531 | 465616 | 0.49% | 0.086% |
| 24 | 9.513 | 1096 | 1101 | 1109 | rVB | 240364 | 396886 | 0.42% | 0.073% |
| 25 | 9.719 | 1130 | 1136 | 1141 | rBV | 899952 | 1635179 | 1.73% | 0.302% |
| 26 | 9.754 | 1141 | 1142 | 1149 | rVB2 | 294631 | 332511 | 0.35% | 0.061% |
| 27 | 9.872 | 1157 | 1162 | 1170 | rVB | 383162 | 644968 | 0.68% | 0.119% |
| 28 | 9.995 | 1177 | 1183 | 1186 | rBV | 1362385 | 2266867 | 2.40% | 0.419% |
| 29 | 10.172 | 1208 | 1213 | 1222 | rVV | 671153 | 1196154 | 1.26% | 0.221% |
| 30 | 10.283 | 1222 | 1232 | 1250 | rVV | 1015917 | 2520617 | 2.67% | 0.465% |
| 31 | 10.719 | 1276 | 1306 | 1309 | rBV2 | 27549245 | 94574245 | 100.00% | 17.463% |
| 32 | 10.813 | 1316 | 1322 | 1331 | rVB | 3062033 | 5235701 | 5.54% | 0.967% |
| 33 | 11.289 | 1397 | 1403 | 1413 | rVB | 168691 | 290051 | 0.31% | 0.054% |
| 34 | 11.548 | 1442 | 1447 | 1459 | rVB2 | 152369 | 308002 | 0.33% | 0.057% |
| 35 | 12.036 | 1522 | 1530 | 1537 | rVB2 | 107098 | 278527 | 0.29% | 0.051% |
| 36 | 12.195 | 1551 | 1557 | 1566 | rVB | 596116 | 1021642 | 1.08% | 0.189% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

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-BM041823.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.319 | 1566 | 1578 | 1589 | rBV | 26277672 | 53342280 | 56.40% | 9.850% |
| 38 | 12.436 | 1589 | 1598 | 1604 | rVV | 9458490 | 17088668 | 18.07% | 3.155% |
| 39 | 12.536 | 1604 | 1615 | 1624 | rVB | 17972425 | 31870959 | 33.70% | 5.885% |
| 40 | 12.907 | 1669 | 1678 | 1683 | rBV | 219409 | 429591 | 0.45% | 0.079% |
| 41 | 13.318 | 1741 | 1748 | 1760 | rBV | 12195421 | 18599879 | 19.67% | 3.435% |
| 42 | 13.460 | 1767 | 1772 | 1775 | rBV2 | 172305 | 302482 | 0.32% | 0.056% |
| 43 | 13.507 | 1775 | 1780 | 1793 | rVB | 2573574 | 4735646 | 5.01% | 0.874% |
| 44 | 13.642 | 1793 | 1803 | 1804 | rBV | 2377135 | 3475010 | 3.67% | 0.642% |
| 45 | 13.801 | 1823 | 1830 | 1835 | rVV | 4262951 | 7649080 | 8.09% | 1.412% |
| 46 | 13.854 | 1835 | 1839 | 1843 | rVV | 2885844 | 4340503 | 4.59% | 0.801% |
| 47 | 13.901 | 1843 | 1847 | 1861 | rVB | 3085215 | 4592885 | 4.86% | 0.848% |
| 48 | 14.036 | 1864 | 1870 | 1874 | rBV | 1498930 | 2385405 | 2.52% | 0.440% |
| 49 | 14.071 | 1874 | 1876 | 1882 | rVB | 627201 | 717492 | 0.76% | 0.132% |
| 50 | 14.177 | 1887 | 1894 | 1897 | rBV | 3479297 | 5684879 | 6.01% | 1.050% |
| 51 | 14.483 | 1936 | 1946 | 1951 | rBV2 | 1886241 | 4284601 | 4.53% | 0.791% |
| 52 | 14.565 | 1951 | 1960 | 1966 | rVV | 29408358 | 58742678 | 62.11% | 10.847% |
| 53 | 14.624 | 1966 | 1970 | 1976 | rVV | 1640320 | 2413877 | 2.55% | 0.446% |
| 54 | 14.689 | 1976 | 1981 | 1985 | rVV | 161599 | 268942 | 0.28% | 0.050% |
| 55 | 14.760 | 1989 | 1993 | 1995 | rVV | 410886 | 578799 | 0.61% | 0.107% |
| 56 | 14.795 | 1995 | 1999 | 2004 | rVB | 695574 | 1049721 | 1.11% | 0.194% |
| 57 | 14.895 | 2008 | 2016 | 2024 | rBV | 20037044 | 33156379 | 35.06% | 6.122% |
| 58 | 14.983 | 2024 | 2031 | 2044 | rVB | 1582275 | 2638814 | 2.79% | 0.487% |
| 59 | 15.095 | 2044 | 2050 | 2056 | rBV4 | 192327 | 421708 | 0.45% | 0.078% |
| 60 | 15.271 | 2073 | 2080 | 2084 | rBV | 231062 | 385244 | 0.41% | 0.071% |
| 61 | 15.477 | 2109 | 2115 | 2120 | rVV | 4171869 | 6415888 | 6.78% | 1.185% |
| 62 | 15.542 | 2120 | 2126 | 2133 | rVV | 15644493 | 23929217 | 25.30% | 4.419% |
| 63 | 15.612 | 2133 | 2138 | 2143 | rVV2 | 1411196 | 2412044 | 2.55% | 0.445% |
| 64 | 15.660 | 2143 | 2146 | 2148 | rVV2 | 643874 | 921514 | 0.97% | 0.170% |
| 65 | 15.695 | 2148 | 2152 | 2156 | rVV2 | 983010 | 1626662 | 1.72% | 0.300% |
| 66 | 15.742 | 2156 | 2160 | 2162 | rVV3 | 256531 | 416570 | 0.44% | 0.077% |
| 67 | 15.783 | 2162 | 2167 | 2170 | rVV | 524716 | 873955 | 0.92% | 0.161% |
| 68 | 15.824 | 2170 | 2174 | 2187 | rVV3 | 935233 | 1993671 | 2.11% | 0.368% |
| 69 | 15.936 | 2188 | 2193 | 2196 | rVV | 463869 | 731505 | 0.77% | 0.135% |
| 70 | 15.971 | 2196 | 2199 | 2207 | rVV | 889346 | 1875750 | 1.98% | 0.346% |
| 71 | 16.042 | 2207 | 2211 | 2223 | rVB2 | 520905 | 1158164 | 1.22% | 0.214% |
| 72 | 16.218 | 2232 | 2241 | 2254 | rBV2 | 5211143 | 8818868 | 9.32% | 1.628% |
| 73 | 16.324 | 2254 | 2259 | 2268 | rVV2 | 306417 | 562707 | 0.59% | 0.104% |
| 74 | 16.412 | 2268 | 2274 | 2282 | rVV2 | 274075 | 504253 | 0.53% | 0.093% |
| 75 | 16.512 | 2283 | 2291 | 2293 | rVV3 | 318862 | 678338 | 0.72% | 0.125% |
| 76 | 16.536 | 2293 | 2295 | 2300 | rVV | 334053 | 428026 | 0.45% | 0.079% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

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-BM041823.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 16.771 | 2327 | 2335 | 2347 | rBV2 | 475014 | 997234 | 1.05% | 0.184% |
| 78 | 16.895 | 2350 | 2356 | 2365 | rBV | 372168 | 677389 | 0.72% | 0.125% |
| 79 | 17.048 | 2377 | 2382 | 2393 | rVB | 997006 | 1653748 | 1.75% | 0.305% |
| 80 | 17.236 | 2409 | 2414 | 2417 | rVV | 2126239 | 3309106 | 3.50% | 0.611% |
| 81 | 17.283 | 2417 | 2422 | 2426 | rVV | 11654371 | 17467009 | 18.47% | 3.225% |
| 82 | 17.336 | 2426 | 2431 | 2437 | rVV | 4499761 | 7101817 | 7.51% | 1.311% |
| 83 | 17.389 | 2437 | 2440 | 2445 | rVV | 431818 | 782068 | 0.83% | 0.144% |
| 84 | 17.436 | 2445 | 2448 | 2451 | rVV2 | 215992 | 351081 | 0.37% | 0.065% |
| 85 | 17.471 | 2451 | 2454 | 2457 | rVV | 223128 | 328196 | 0.35% | 0.061% |
| 86 | 17.654 | 2472 | 2485 | 2495 | rBV | 13352379 | 21726787 | 22.97% | 4.012% |
| 87 | 18.159 | 2563 | 2571 | 2581 | rVB3 | 1107093 | 2111392 | 2.23% | 0.390% |
| 88 | 18.306 | 2591 | 2596 | 2603 | rVB | 616942 | 935950 | 0.99% | 0.173% |
| 89 | 18.418 | 2608 | 2615 | 2619 | rBV3 | 350434 | 739746 | 0.78% | 0.137% |
| 90 | 18.465 | 2619 | 2623 | 2627 | rVV | 396053 | 584604 | 0.62% | 0.108% |
| 91 | 18.559 | 2634 | 2639 | 2645 | rVB2 | 401444 | 666366 | 0.70% | 0.123% |
| 92 | 18.618 | 2645 | 2649 | 2653 | rBV | 225151 | 309434 | 0.33% | 0.057% |
| 93 | 19.630 | 2815 | 2821 | 2827 | rVV | 4894649 | 6458559 | 6.83% | 1.193% |
| 94 | 19.683 | 2827 | 2830 | 2840 | rVB | 191588 | 373436 | 0.39% | 0.069% |
| 95 | 20.047 | 2887 | 2892 | 2899 | rBV2 | 364894 | 590237 | 0.62% | 0.109% |
| 96 | 20.118 | 2899 | 2904 | 2919 | rVB | 980436 | 1571124 | 1.66% | 0.290% |
| 97 | 20.771 | 3011 | 3015 | 3023 | rVB | 162667 | 277583 | 0.29% | 0.051% |
| 98 | 21.424 | 3121 | 3126 | 3139 | rBV | 1991319 | 2581613 | 2.73% | 0.477% |
| 99 | 23.635 | 3495 | 3502 | 3519 | rVB2 | 2398355 | 4917272 | 5.20% | 0.908% |
| 100 | 23.788 | 3522 | 3528 | 3540 | rVB2 | 1117519 | 2231139 | 2.36% | 0.412% |

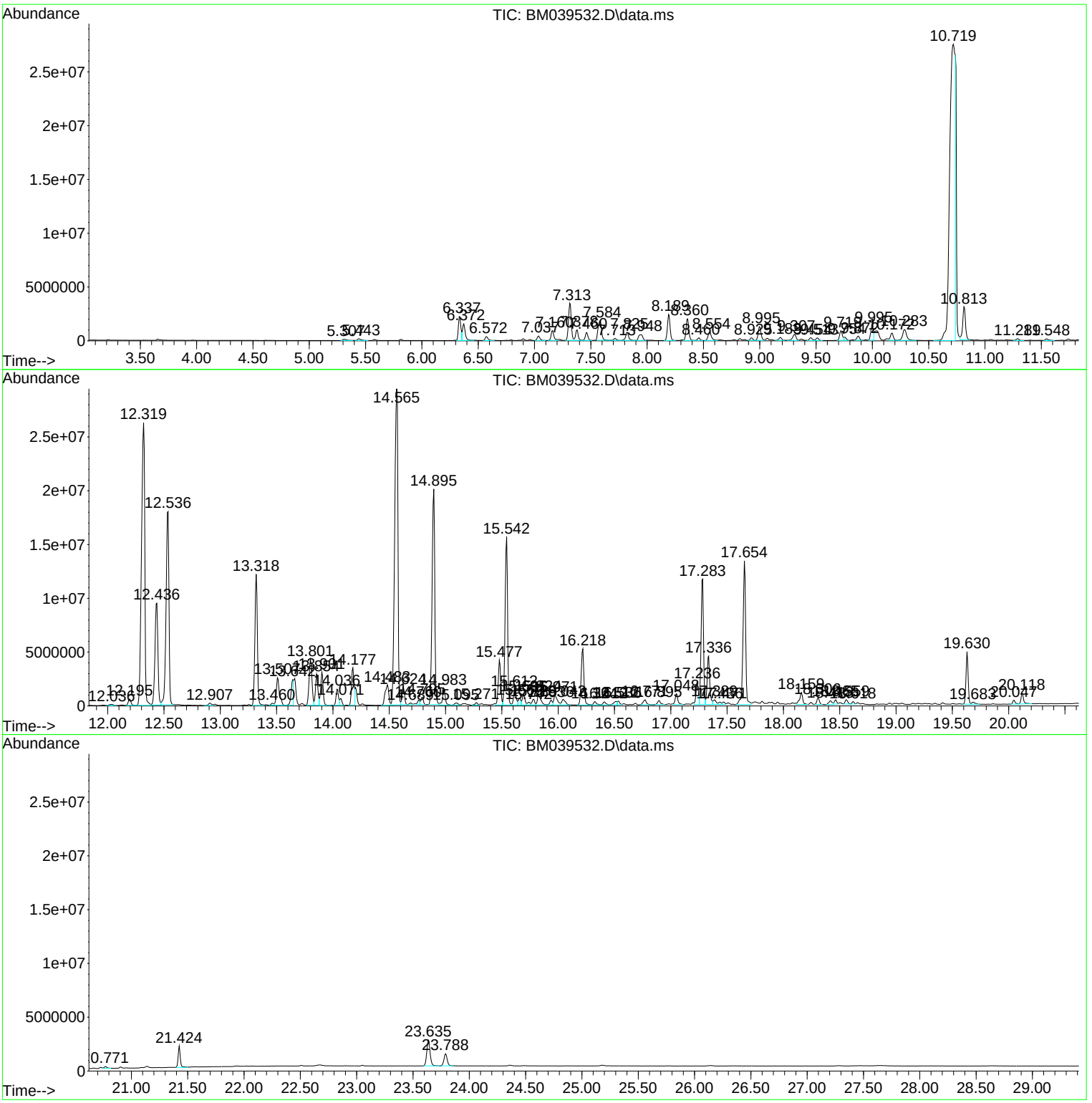
Sum of corrected areas: 541555567

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.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\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

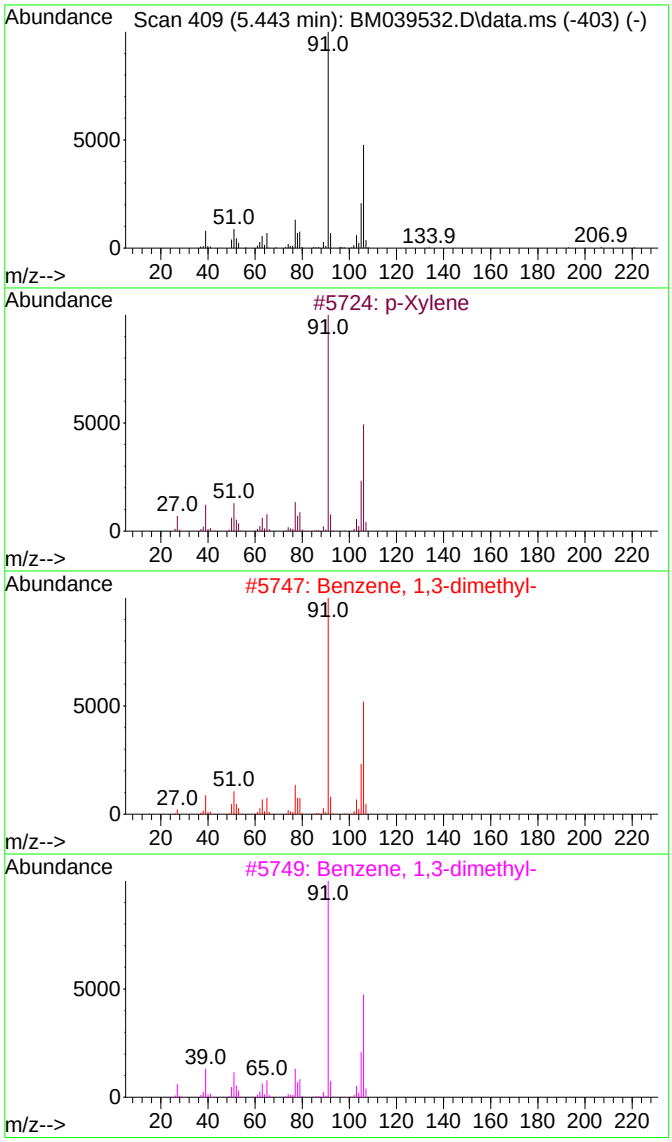
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

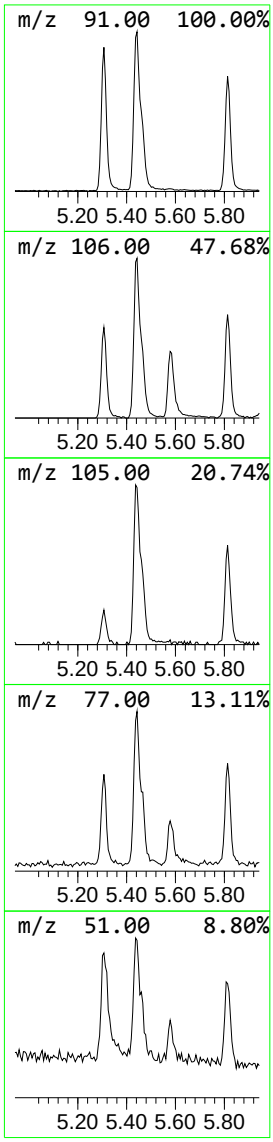
**********

Peak Number 2 p-Xylene Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.443 | 4.73 ng/ul | 340077 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |
| 2 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 3 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 4 | o-Xylene | 106 | C8H10 | 000095-47-6 | 97 |
| 5 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

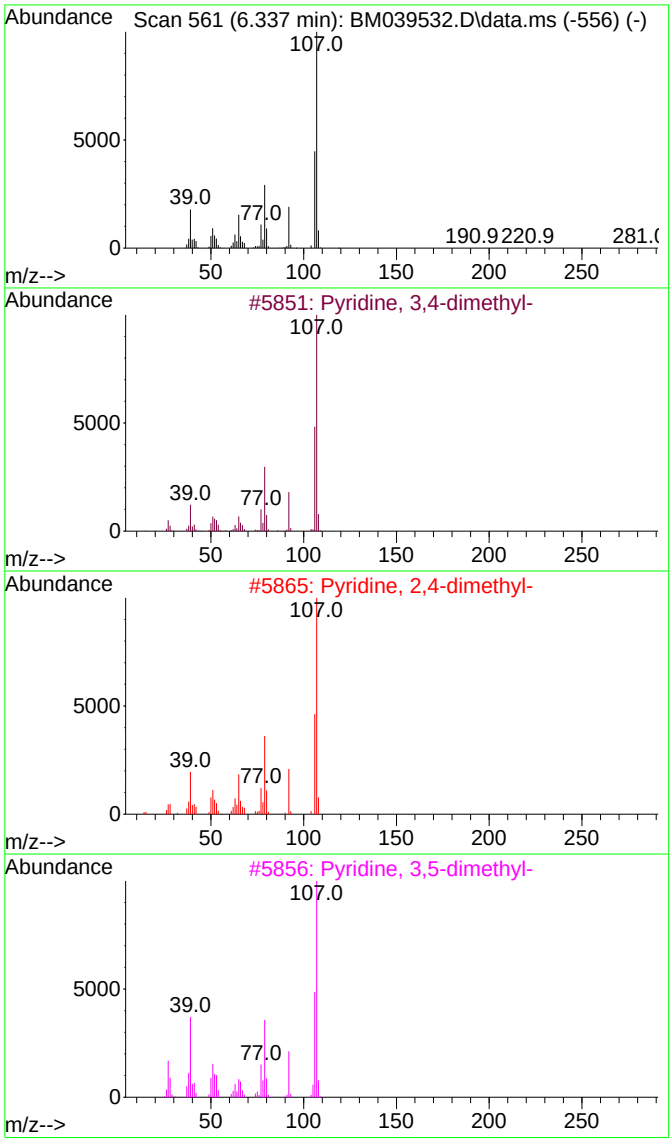
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

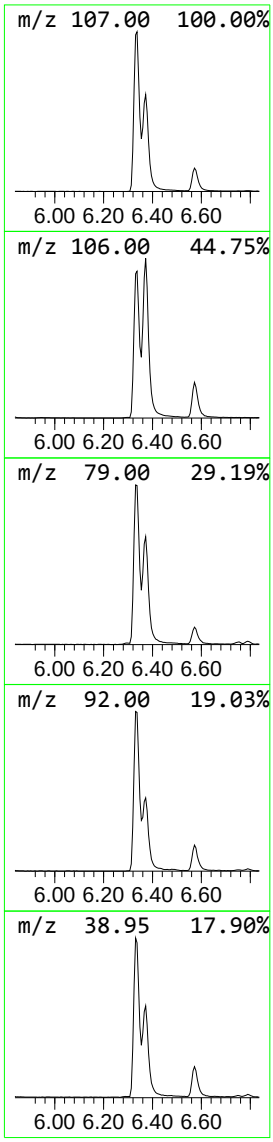
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Pyridine, 3,4-dimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.337 | 49.85 ng/ul | 3581060 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyridine, 3,4-dimethyl- | 107 | C7H9N | 000583-58-4 | 95 |
| 2 | Pyridine, 2,4-dimethyl- | 107 | C7H9N | 000108-47-4 | 95 |
| 3 | Pyridine, 3,5-dimethyl- | 107 | C7H9N | 000591-22-0 | 94 |
| 4 | Pyridine, 3,4-dimethyl- | 107 | C7H9N | 000583-58-4 | 91 |
| 5 | Pyridine, 2,4-dimethyl- | 107 | C7H9N | 000108-47-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

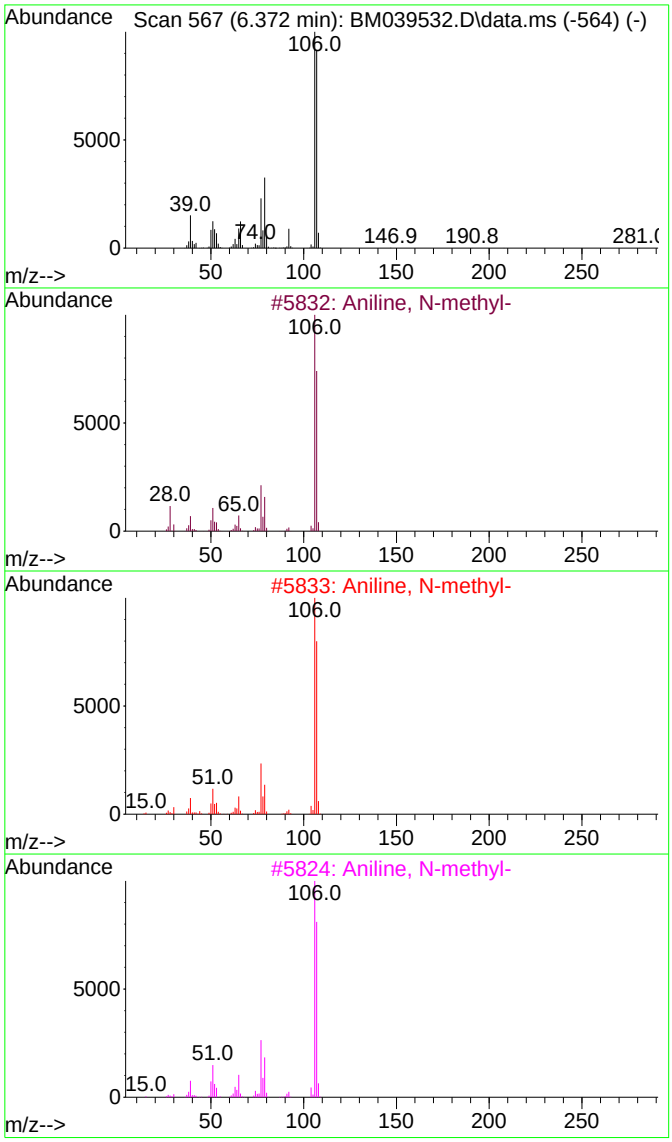
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

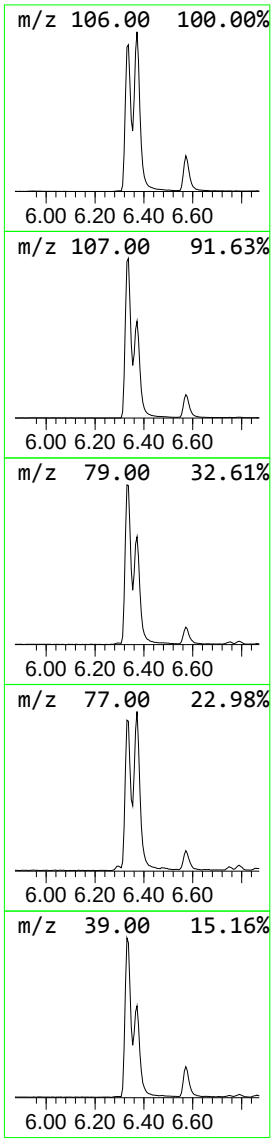
**********

Peak Number 4 Aniline, N-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.372 | 34.56 ng/ul | 2482770 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Aniline, N-methyl- | 107 | C7H9N | 000100-61-8 | 87 |
| 2 | Aniline, N-methyl- | 107 | C7H9N | 000100-61-8 | 87 |
| 3 | Aniline, N-methyl- | 107 | C7H9N | 000100-61-8 | 87 |
| 4 | Pyridine, 2-ethyl- | 107 | C7H9N | 000100-71-0 | 87 |
| 5 | Benzenamine, 3-methyl- | 107 | C7H9N | 000108-44-1 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

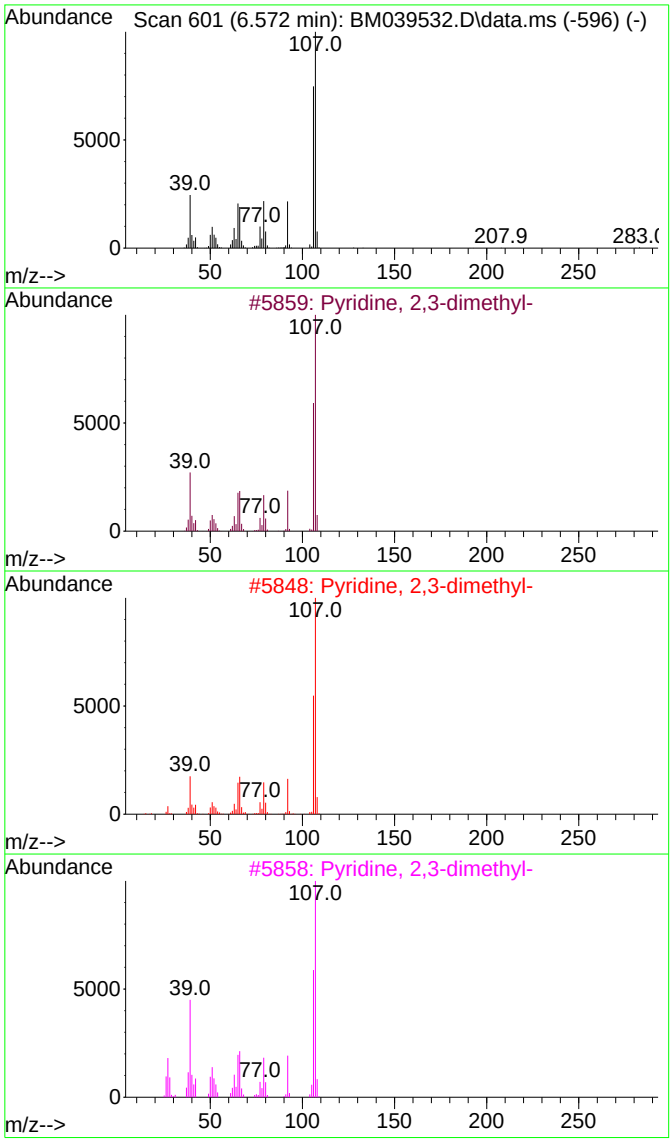
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

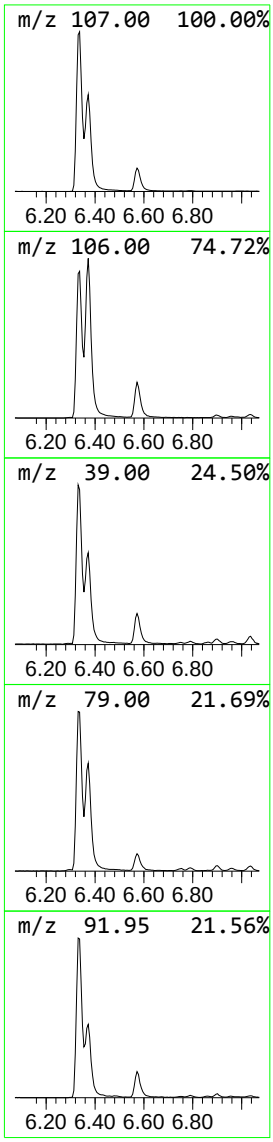
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Pyridine, 2,3-dimethyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.572 | 8.72 ng/ul | 626558 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyridine, 2,3-dimethyl- | 107 | C7H9N | 000583-61-9 | 96 |
| 2 | Pyridine, 2,3-dimethyl- | 107 | C7H9N | 000583-61-9 | 95 |
| 3 | Pyridine, 2,3-dimethyl- | 107 | C7H9N | 000583-61-9 | 93 |
| 4 | Pyridine, 2,3-dimethyl- | 107 | C7H9N | 000583-61-9 | 93 |
| 5 | Pyridine, 3,4-dimethyl- | 107 | C7H9N | 000583-58-4 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

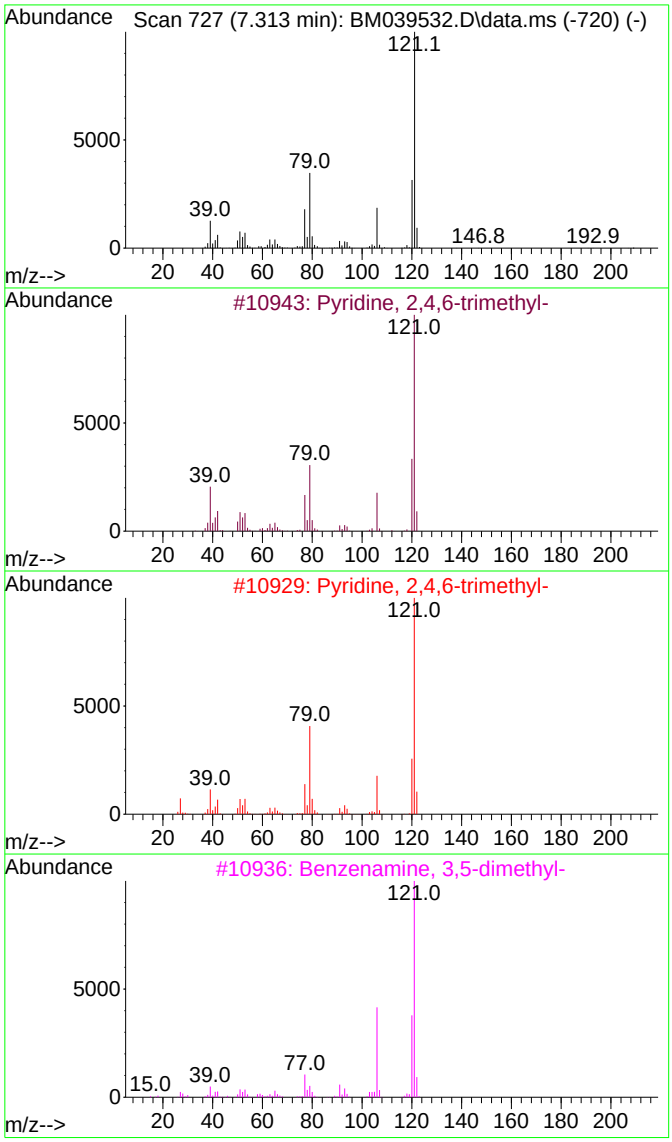
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

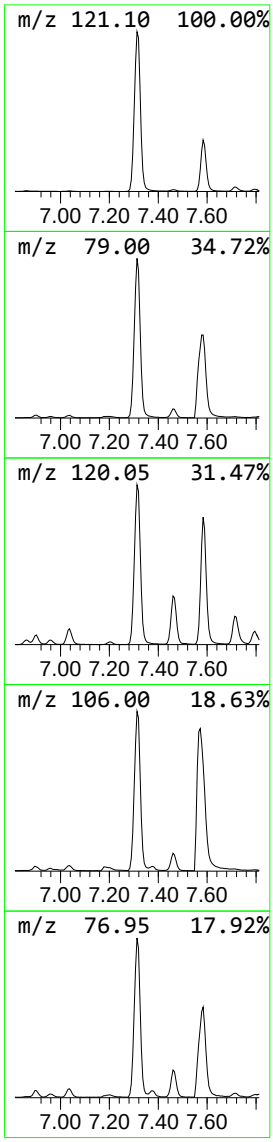
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Pyridine, 2,4,6-trimethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.313 | 82.40 ng/ul | 5919170 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyridine, 2,4,6-trimethyl- | 121 | C8H11N | 000108-75-8 | 95 |
| 2 | Pyridine, 2,4,6-trimethyl- | 121 | C8H11N | 000108-75-8 | 94 |
| 3 | Benzenamine, 3,5-dimethyl- | 121 | C8H11N | 000108-69-0 | 93 |
| 4 | Pyridine, 2,4,6-trimethyl- | 121 | C8H11N | 000108-75-8 | 91 |
| 5 | Pyridine, 2,4,6-trimethyl- | 121 | C8H11N | 000108-75-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

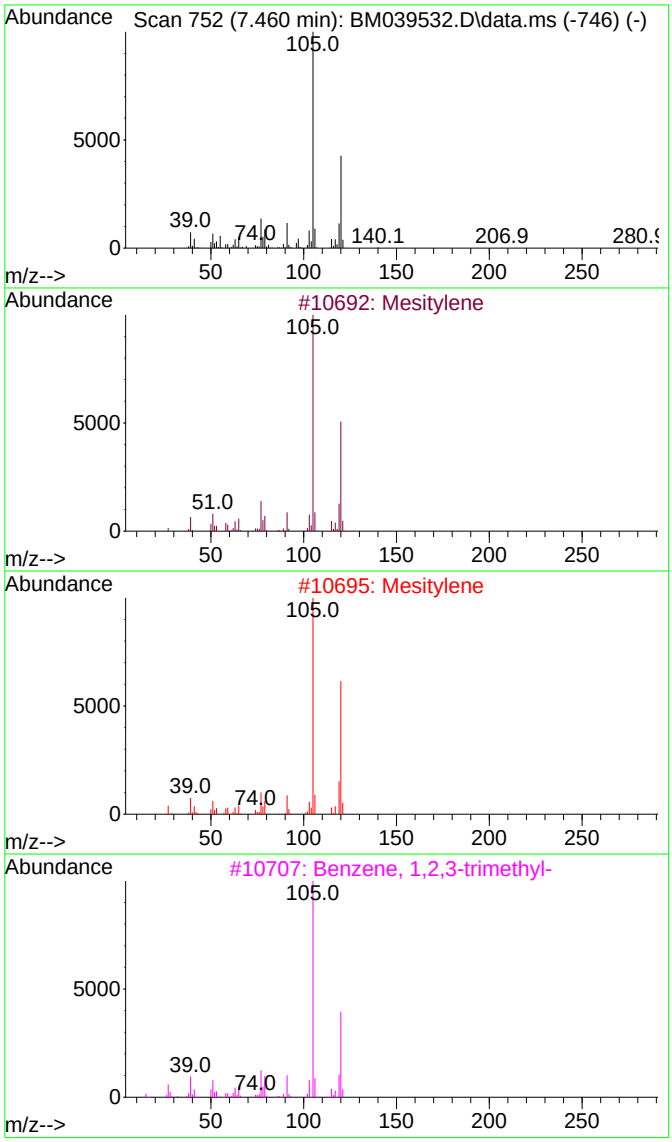
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

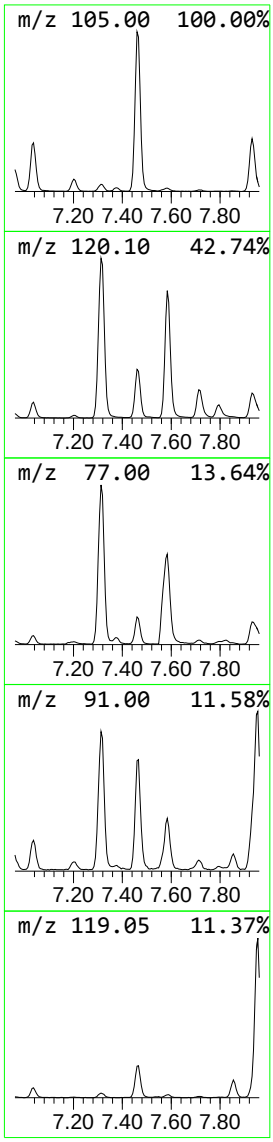
**********

Peak Number 7 Mesitylene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.460 | 16.22 ng/ul | 1165390 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

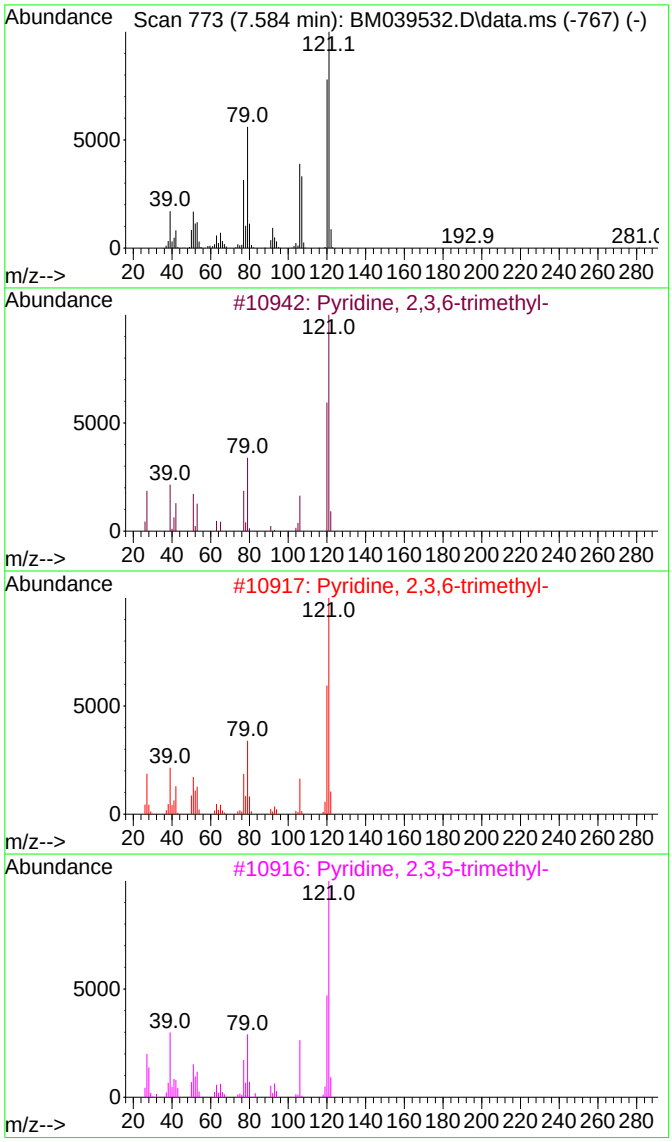
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

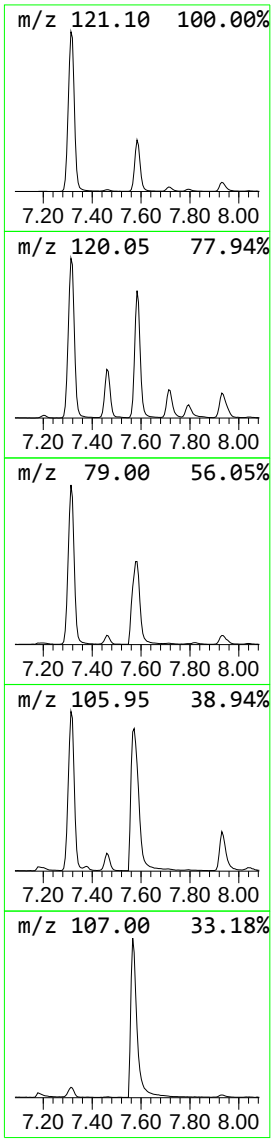
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Pyridine, 2,3,6-trimethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.584 | 54.80 ng/ul | 3936320 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyridine, 2,3,6-trimethyl- | 121 | C8H11N | 001462-84-6 | 81 |
| 2 | Pyridine, 2,3,6-trimethyl- | 121 | C8H11N | 001462-84-6 | 81 |
| 3 | Pyridine, 2,3,5-trimethyl- | 121 | C8H11N | 000695-98-7 | 76 |
| 4 | Pyridine, 2,3,6-trimethyl- | 121 | C8H11N | 001462-84-6 | 74 |
| 5 | Pyridine, 2,4,6-trimethyl- | 121 | C8H11N | 000108-75-8 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

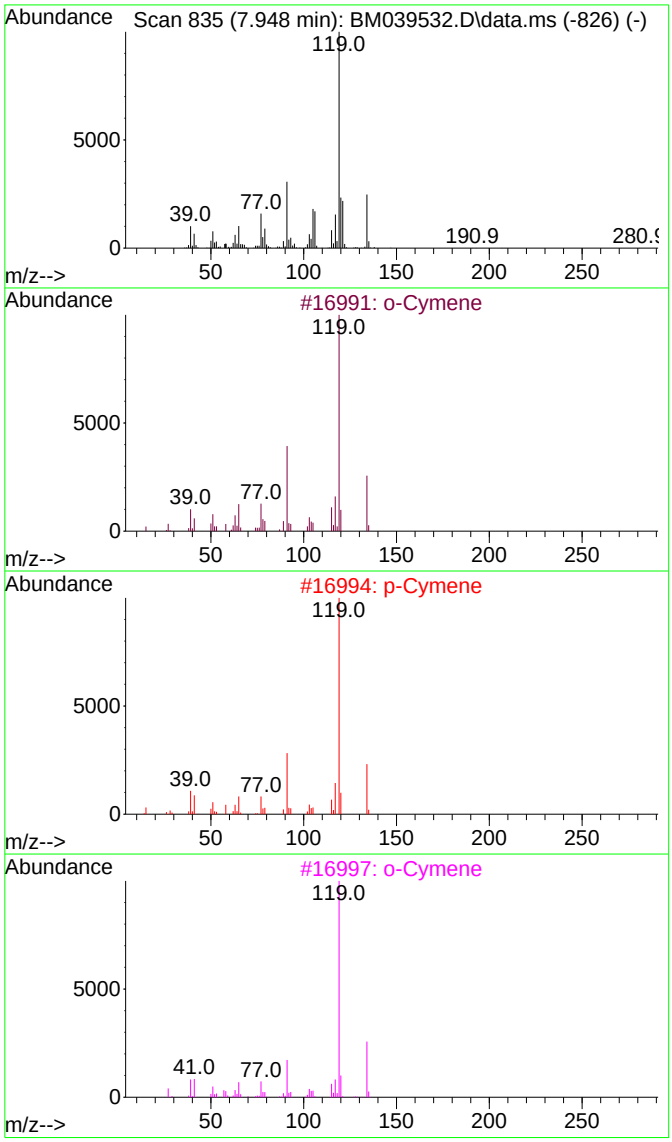
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

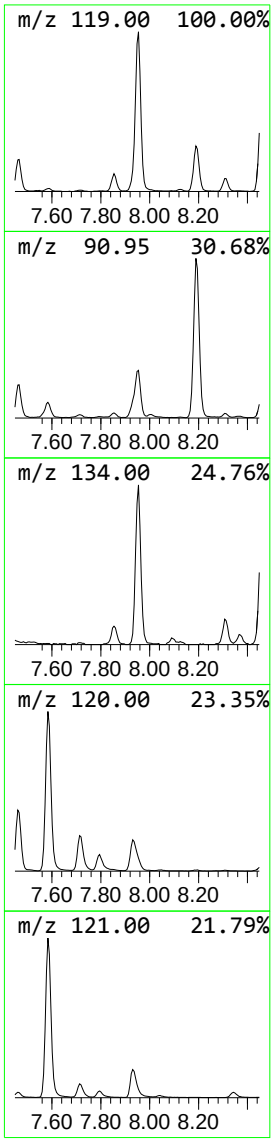
**********

Peak Number 10 o-Cymene Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.948 | 19.29 ng/ul | 1385520 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 2 | p-Cymene | 134 | C10H14 | 000099-87-6 | 93 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 93 |
| 5 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

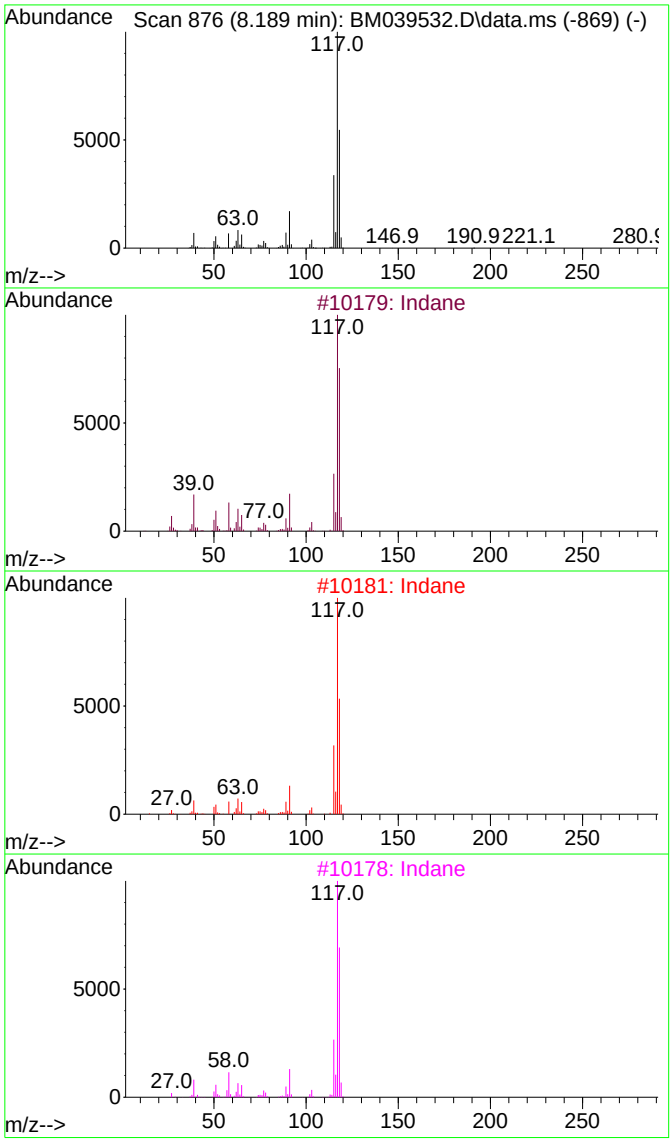
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

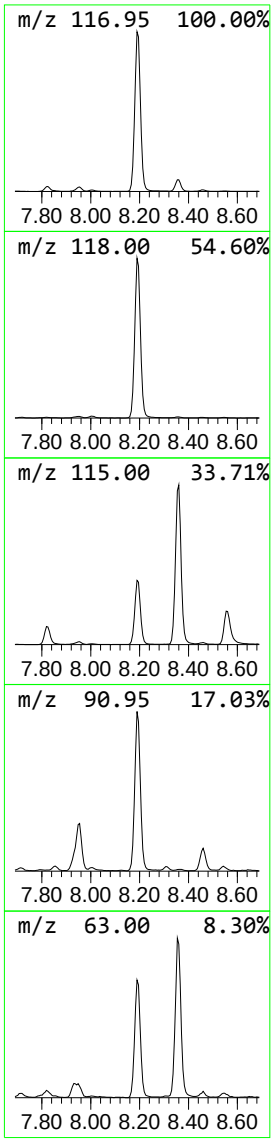
**********

Peak Number 11 Indane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.189 | 54.69 ng/ul | 3928810 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 91 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 91 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 87 |
| 4 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 72 |
| 5 | Benzene, 1,1'-(1,5-hexadiene-1,6... | 234 | C18H18 | 004439-45-6 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

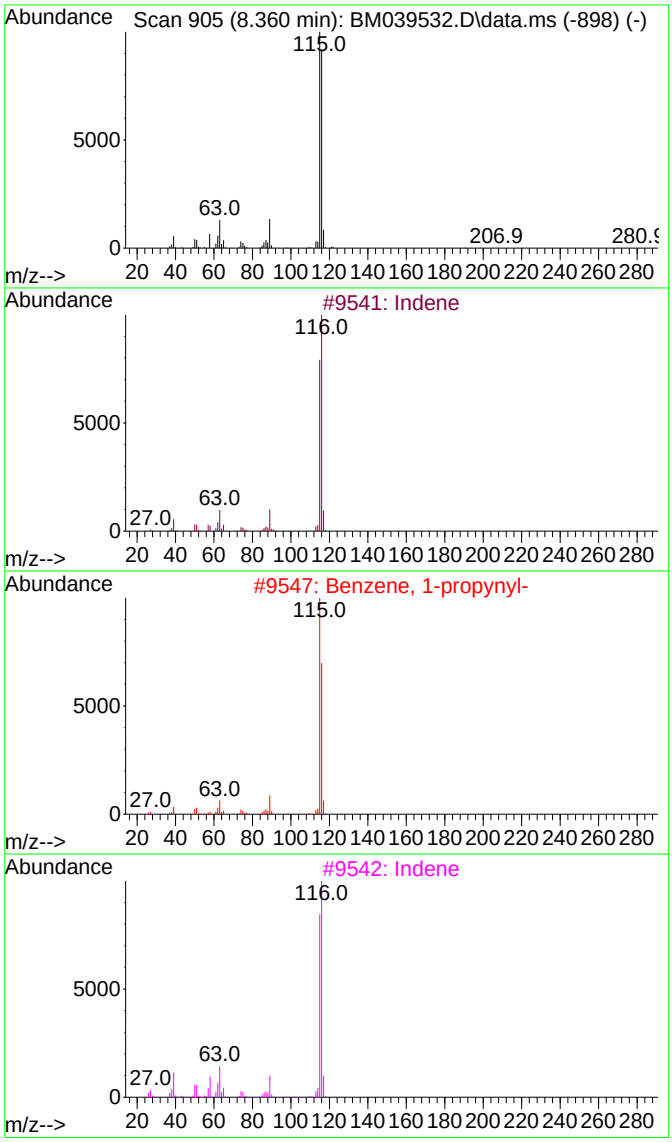
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

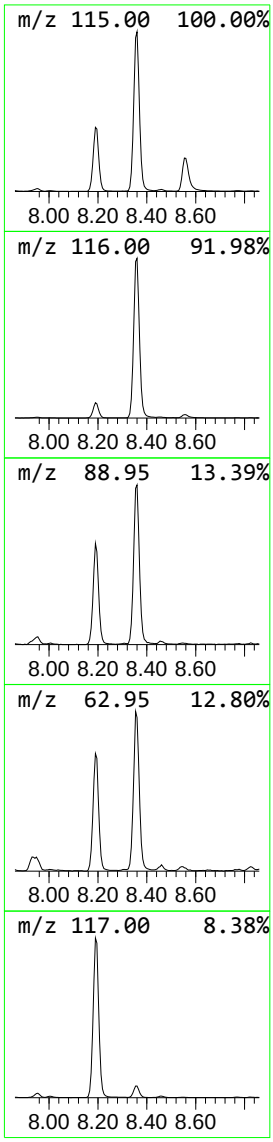
**********

Peak Number 12 Indene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.360 | 47.34 ng/ul | 3400330 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indene | 116 | C9H8 | 000095-13-6 | 97 |
| 2 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 94 |
| 3 | Indene | 116 | C9H8 | 000095-13-6 | 94 |
| 4 | Indene | 116 | C9H8 | 000095-13-6 | 93 |
| 5 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

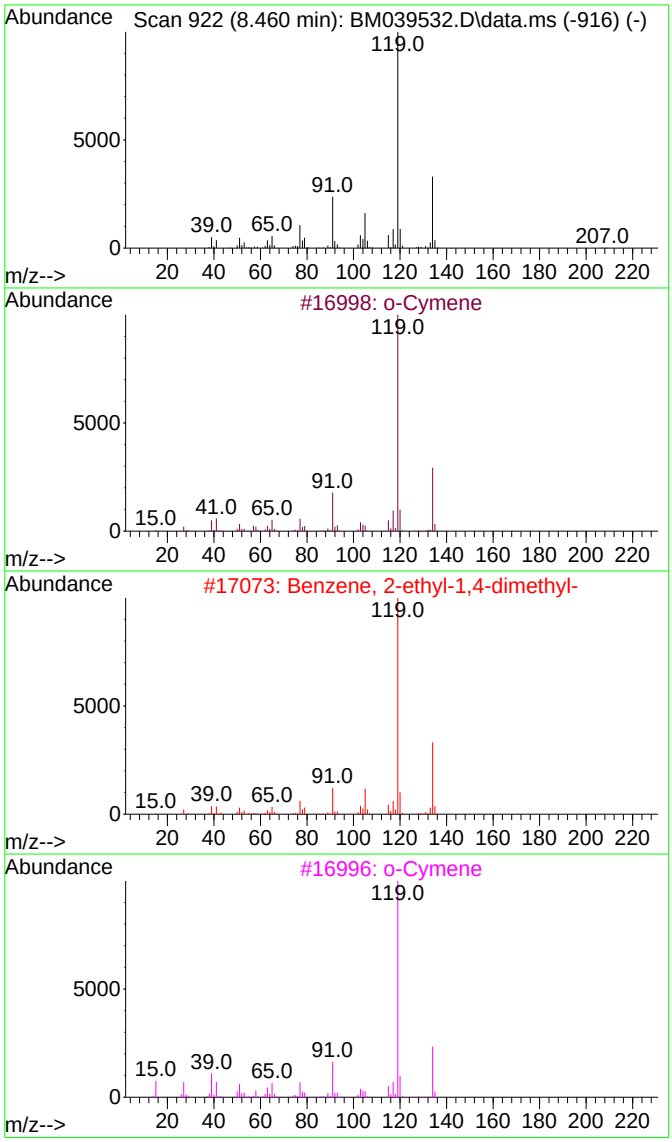
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

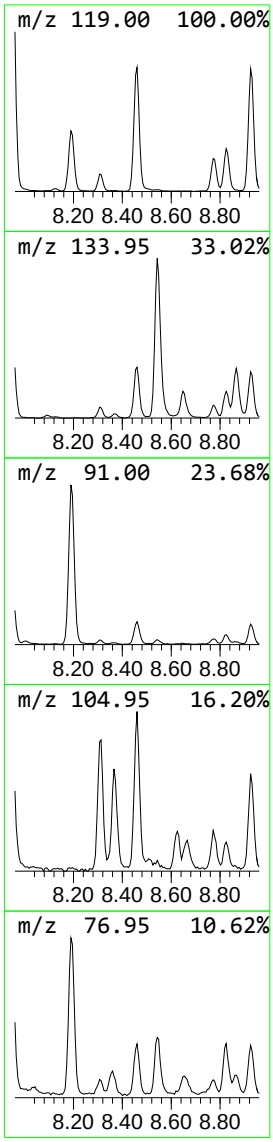
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.460 | 5.47 ng/ul | 393259 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 94 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 93 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

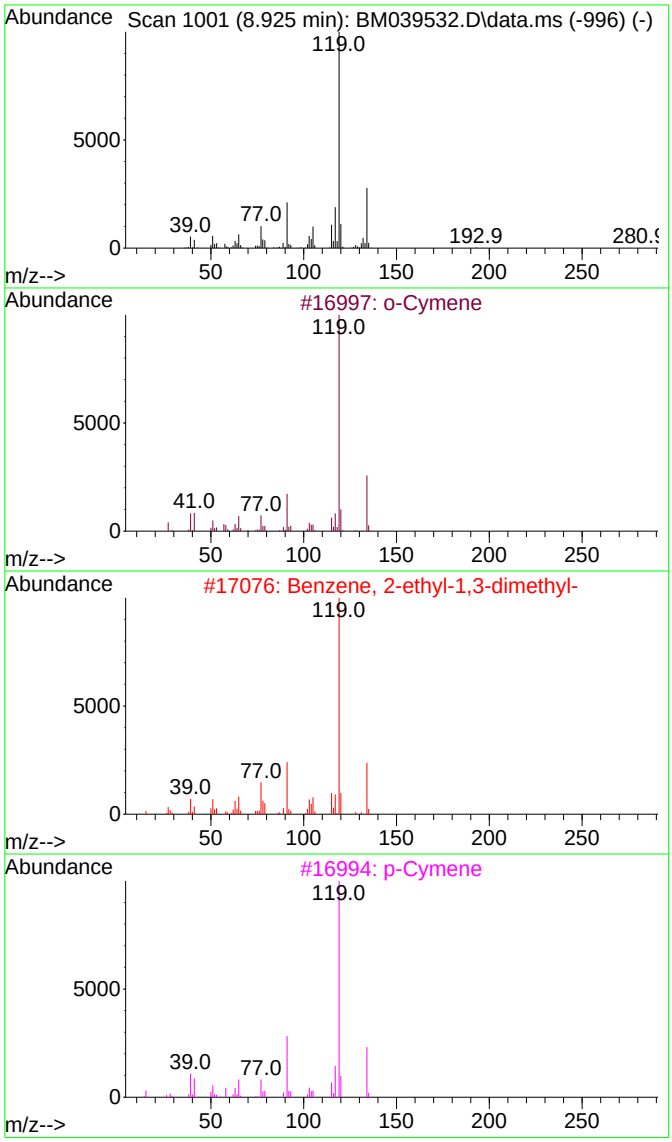
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

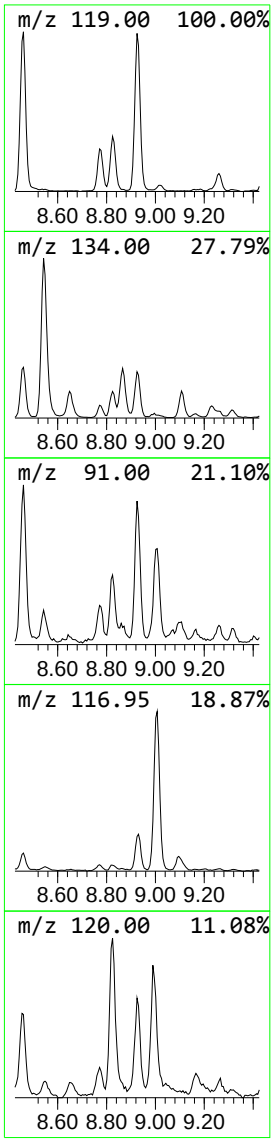
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.925 | 5.19 ng/ul | 373002 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 94 |
| 2 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 93 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 90 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 90 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

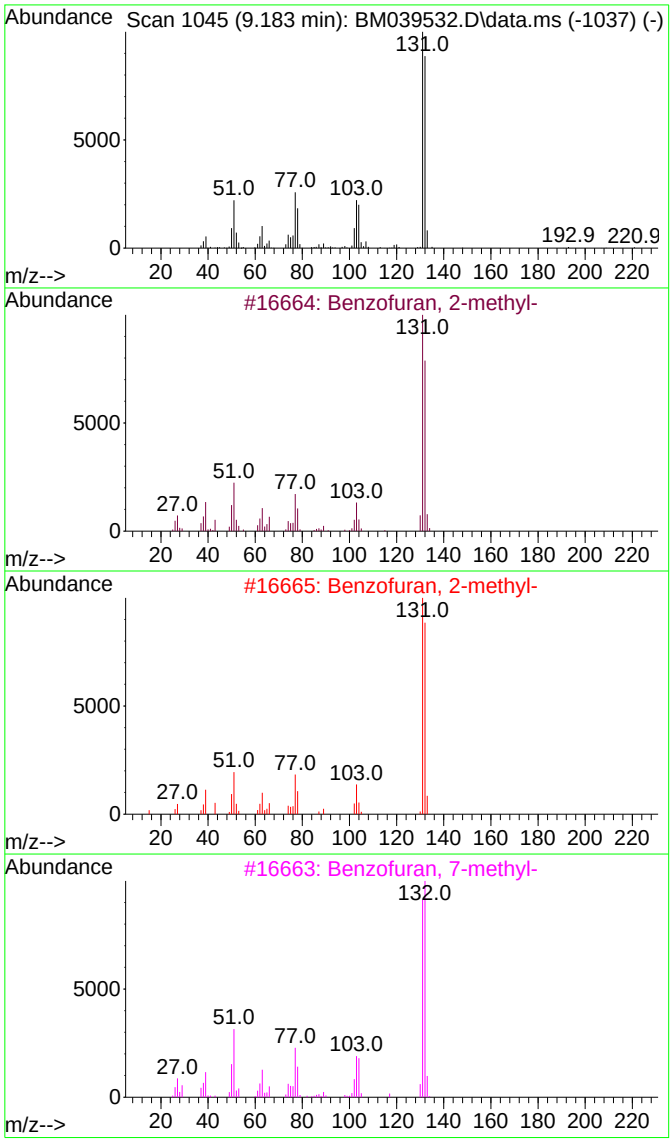
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

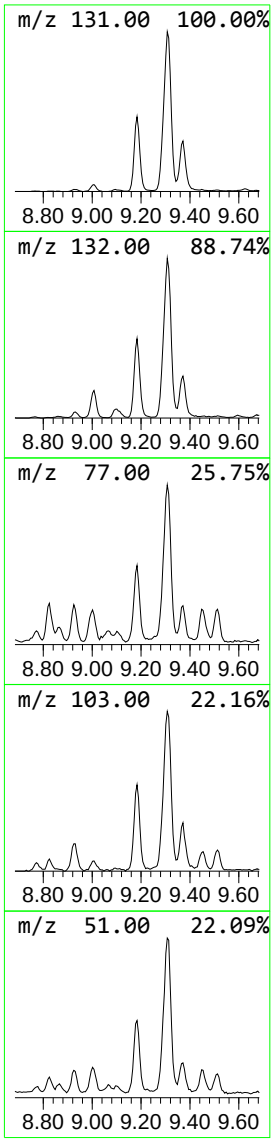
**********

Peak Number 15 Benzofuran, 2-methyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.183 | 6.91 ng/ul | 496293 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 94 |
| 2 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 94 |
| 3 | Benzofuran, 7-methyl- | 132 | C9H8O | 017059-52-8 | 94 |
| 4 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 5 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

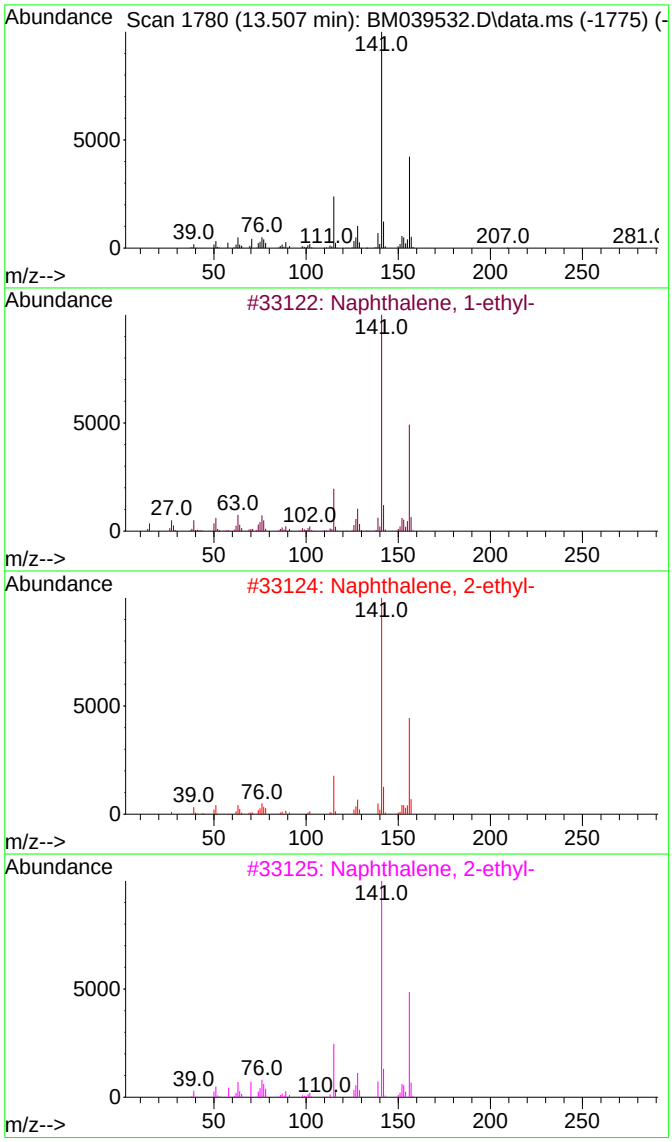
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

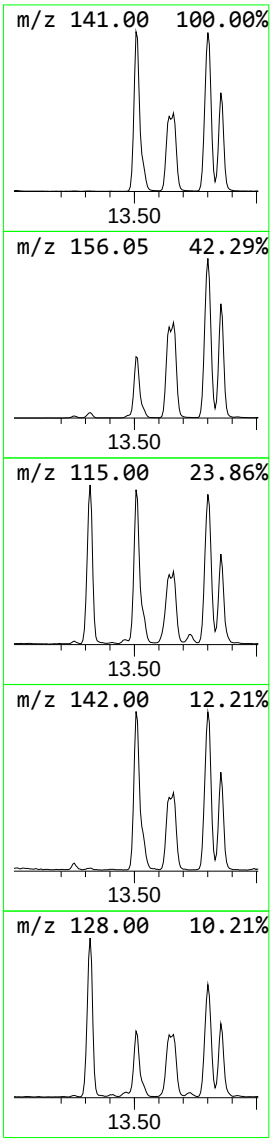
**********

Peak Number 18 Naphthalene, 1-ethyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.507 | 22.11 ng/ul | 4735650 | Acenaphthene-d10 | 14.483 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

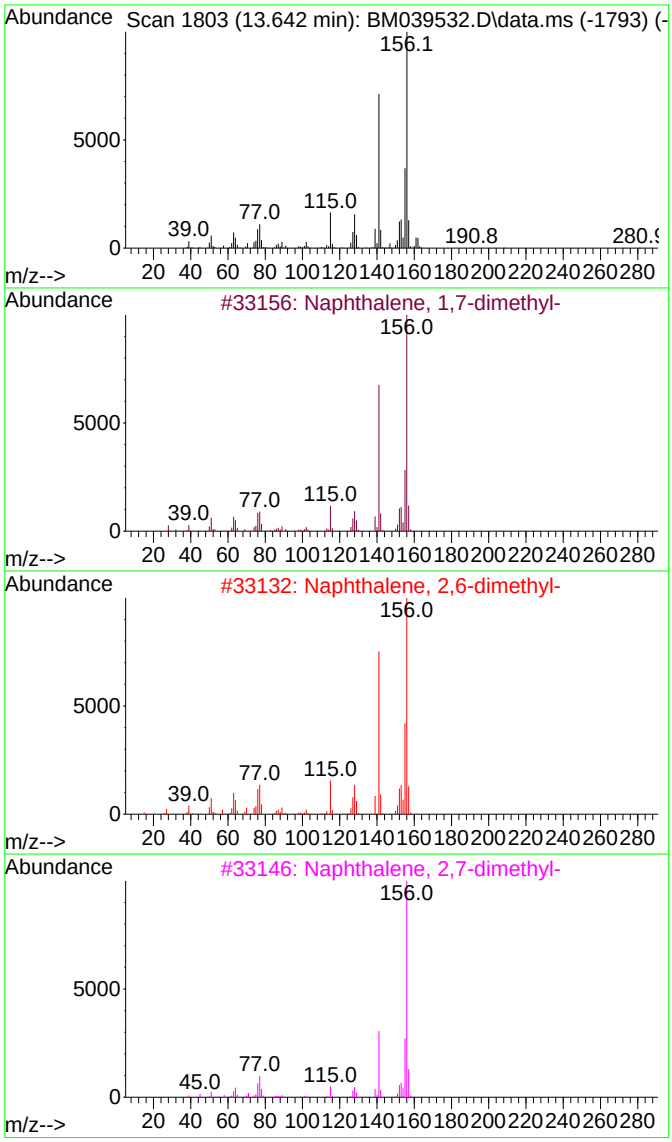
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

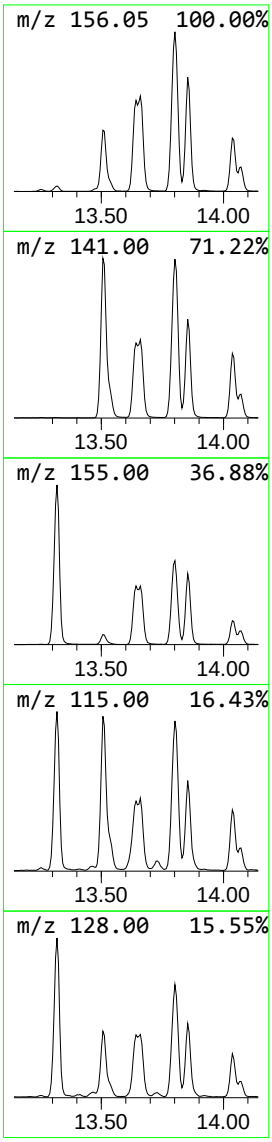
**********

Peak Number 19 Naphthalene, 1,7-dimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.642 | 16.22 ng/ul | 3475010 | Acenaphthene-d10 | 14.483 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 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_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

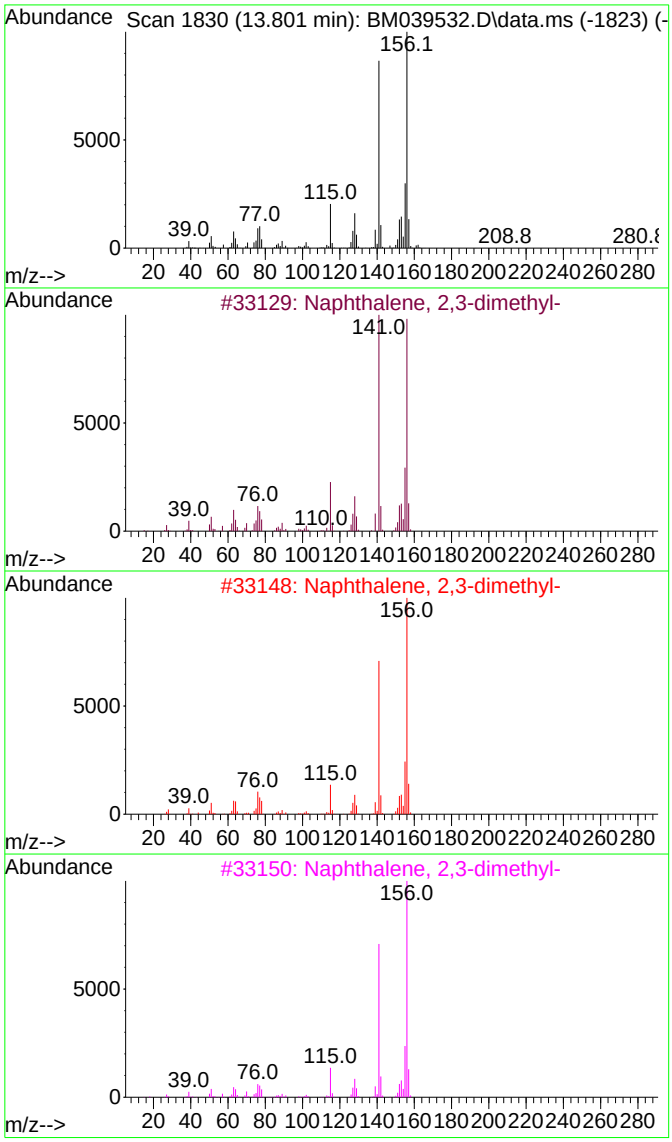
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

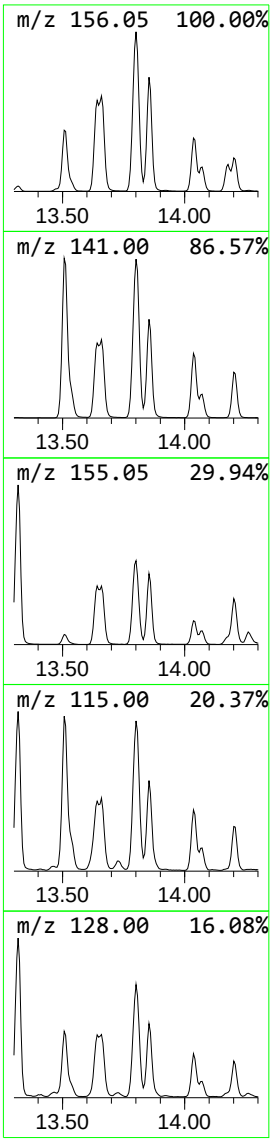
**********

Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.801 | 35.70 ng/ul | 7649080 | Acenaphthene-d10 | 14.483 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |



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Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

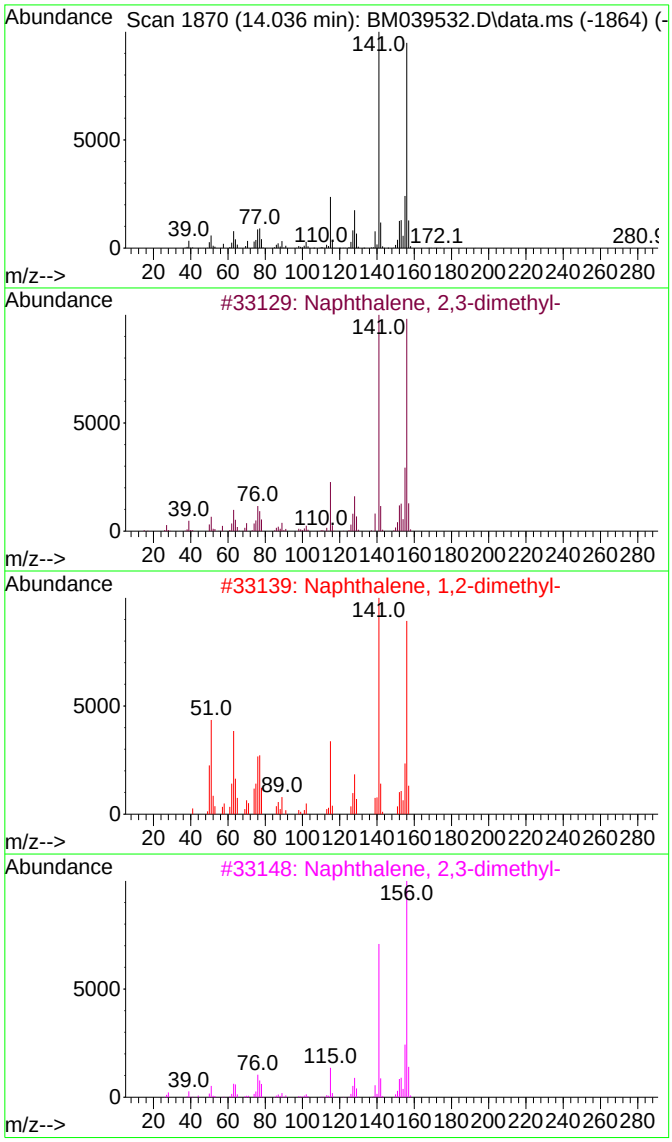
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

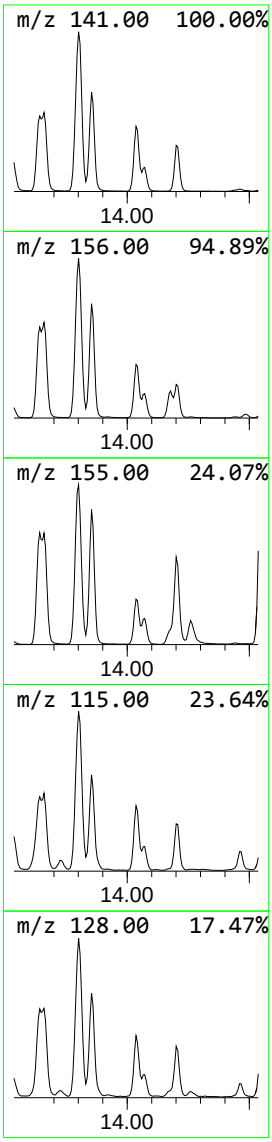
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 Naphthalene, 1,2-dimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.036 | 11.13 ng/ul | 2385410 | Acenaphthene-d10 | 14.483 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 1,2-dimethyl- | 156 | C12H12 | 000573-98-8 | 97 |
| 3 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |
| 5 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

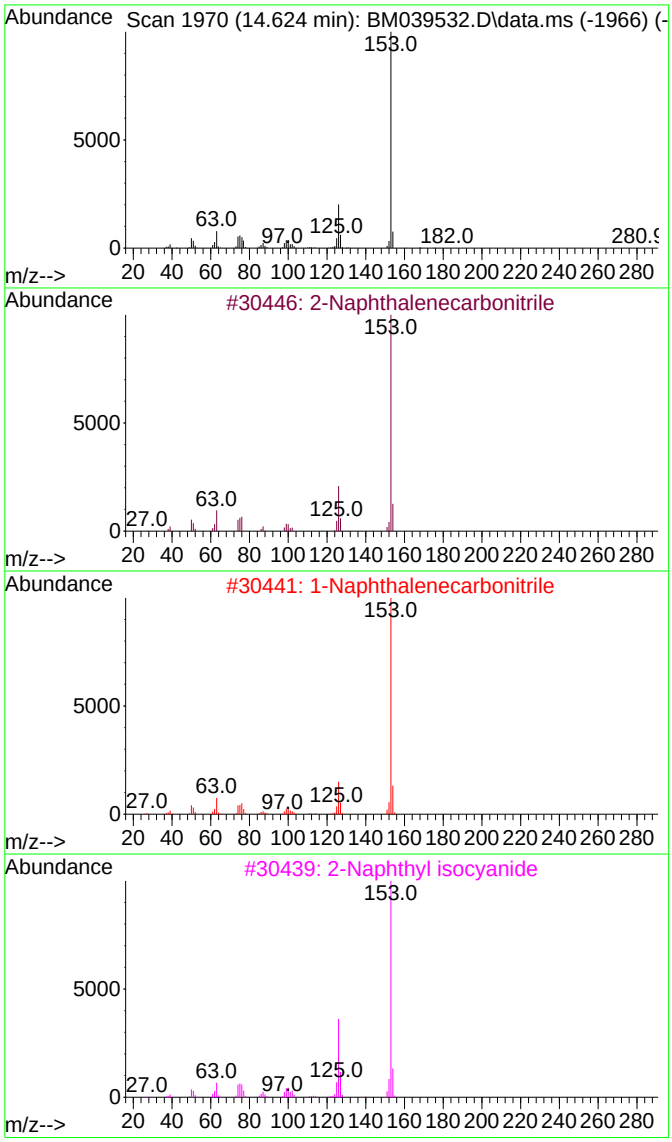
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

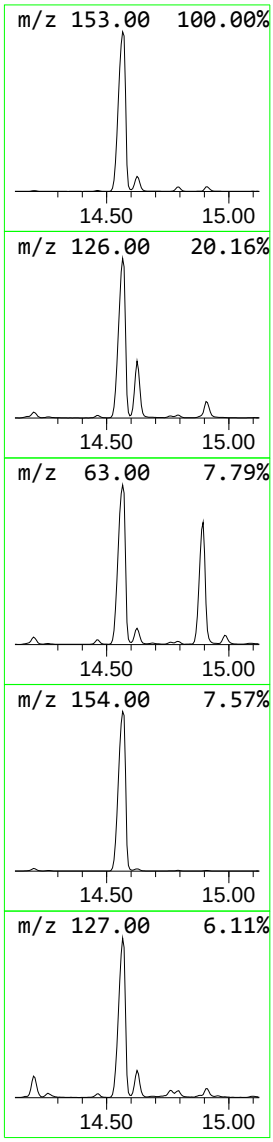
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 2-Naphthalenecarbonitrile Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.624 | 11.27 ng/ul | 2413880 | Acenaphthene-d10 | 14.483 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Naphthalenecarbonitrile | 153 | C11H7N | 000613-46-7 | 91 |
| 2 | 1-Naphthalenecarbonitrile | 153 | C11H7N | 000086-53-3 | 91 |
| 3 | 2-Naphthyl isocyanide | 153 | C11H7N | 010124-78-4 | 91 |
| 4 | 1-Naphthalenecarbonitrile | 153 | C11H7N | 000086-53-3 | 87 |
| 5 | 1-Naphthalenecarbonitrile | 153 | C11H7N | 000086-53-3 | 78 |



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Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

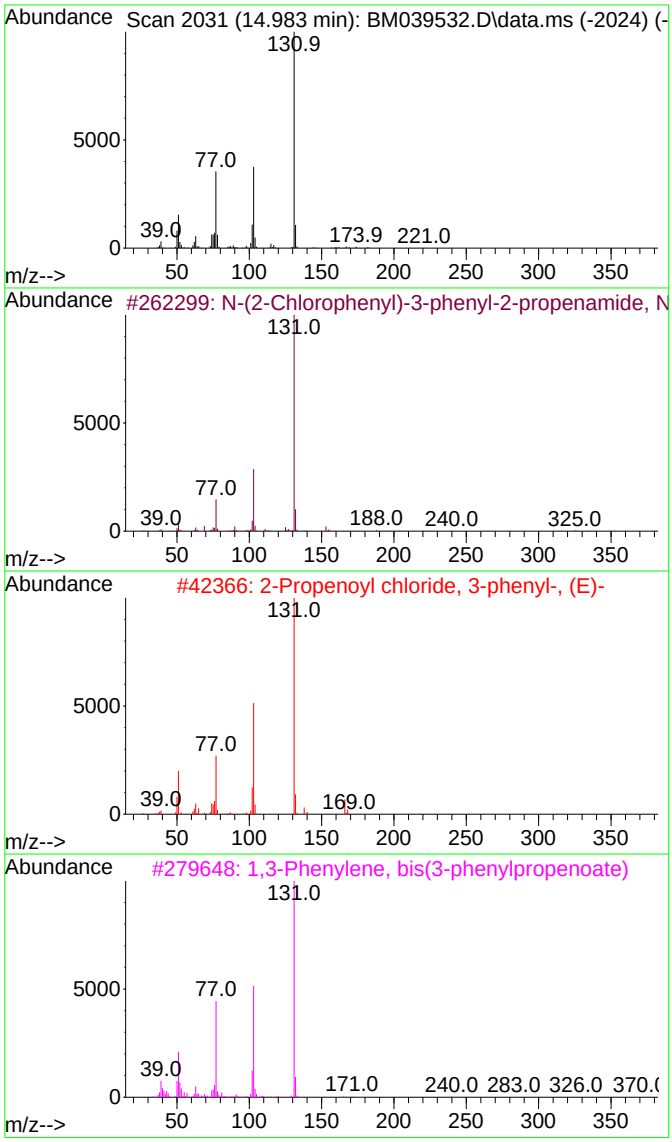
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

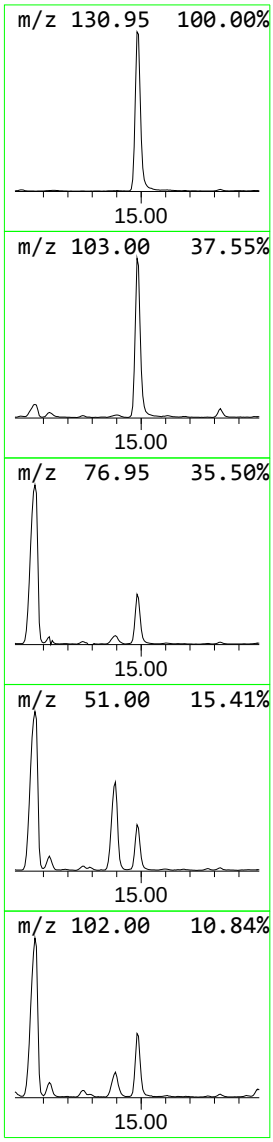
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 N-(2-Chlorophenyl)-3-phenyl... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.983 | 12.32 ng/ul | 2638810 | Acenaphthene-d10 | 14.483 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | N-(2-Chlorophenyl)-3-phenyl-2-pr... | 353 | C17H11ClF3NO2 | 1000492-36-9 | 90 |
| 2 | 2-Propenoyl chloride, 3-phenyl-,... | 166 | C9H7ClO | 017082-09-6 | 90 |
| 3 | 1,3-Phenylene, bis(3-phenylprope... | 370 | C24H18O4 | 1000259-62-4 | 83 |
| 4 | (Z)-N-(2-Hydroxyethyl)-3-phenyla... | 233 | C13H15NO3 | 1000512-63-0 | 83 |
| 5 | 4-Methylcoumarine-7-cinnamate | 306 | C19H14O4 | 300829-05-4 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

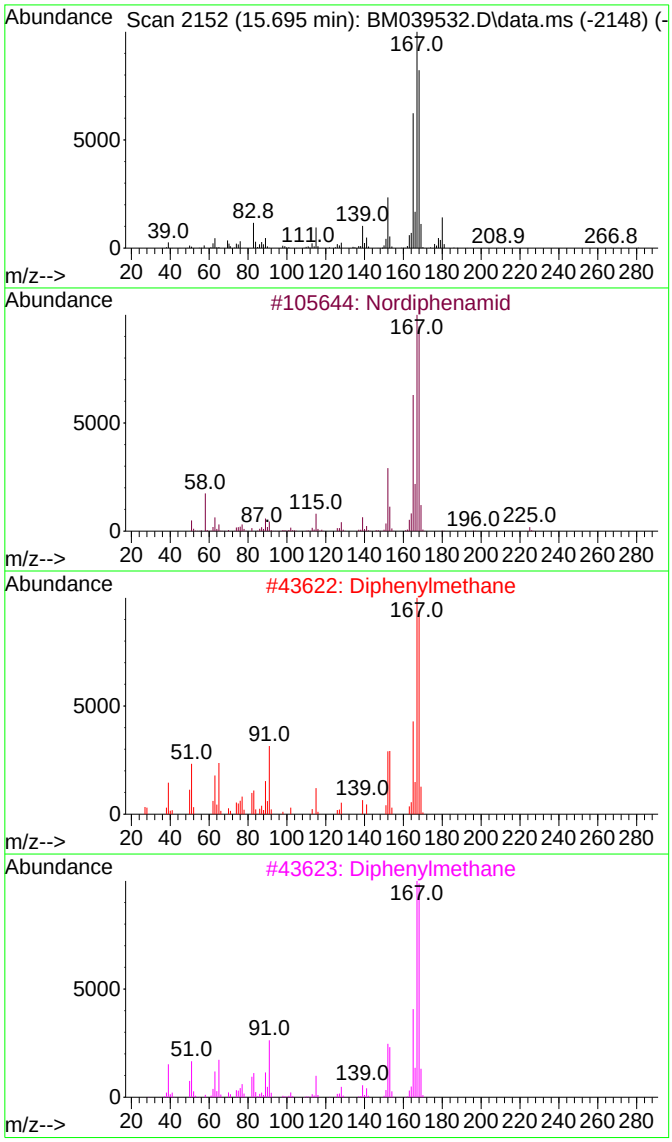
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

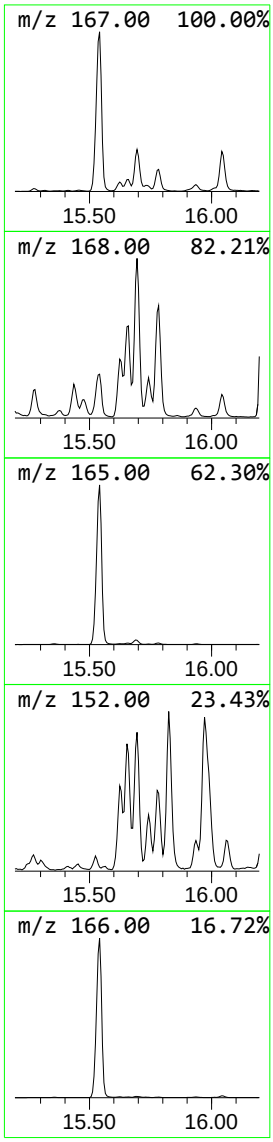
**********

Peak Number 26 Nordiphenamid Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.695 | 7.59 ng/ul | 1626660 | Acenaphthene-d10 | 14.483 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nordiphenamid | 225 | C15H15NO | 000954-21-2 | 78 |
| 2 | Diphenylmethane | 168 | C13H12 | 000101-81-5 | 76 |
| 3 | Diphenylmethane | 168 | C13H12 | 000101-81-5 | 76 |
| 4 | Ethyl [(diphenylacetyl)amino]ace... | 297 | C18H19NO3 | 006325-31-1 | 72 |
| 5 | Diphenylmethane | 168 | C13H12 | 000101-81-5 | 68 |



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Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

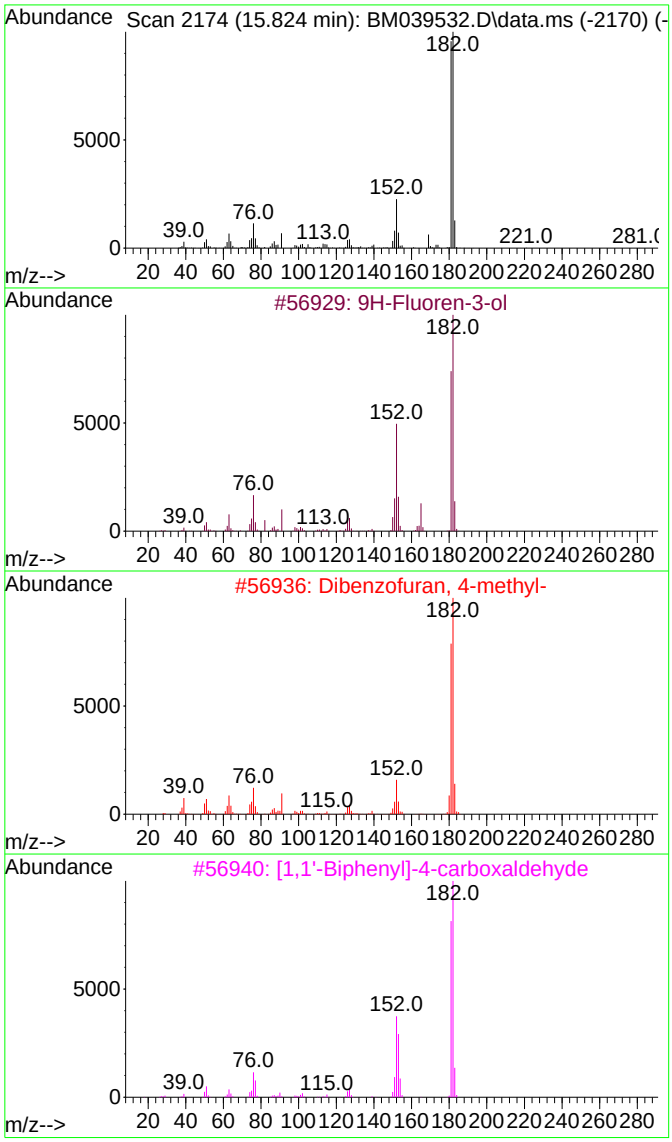
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

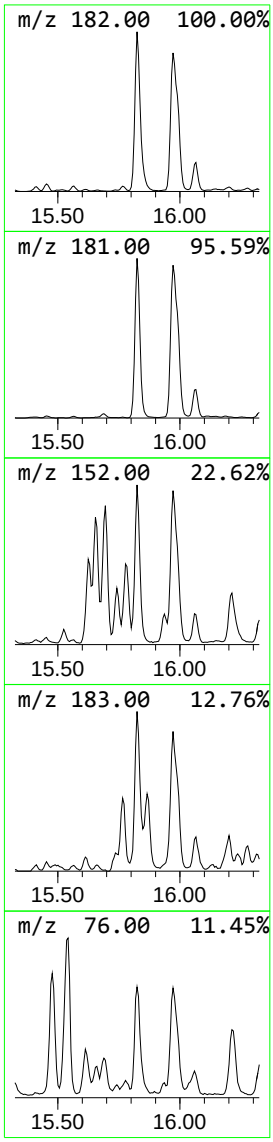
**********

Peak Number 28 9H-Fluoren-3-ol Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.824 | 9.31 ng/ul | 1993670 | Acenaphthene-d10 | 14.483 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluoren-3-ol | 182 | C13H10O | 006344-67-8 | 91 |
| 2 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 86 |
| 3 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 83 |
| 4 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 78 |
| 5 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

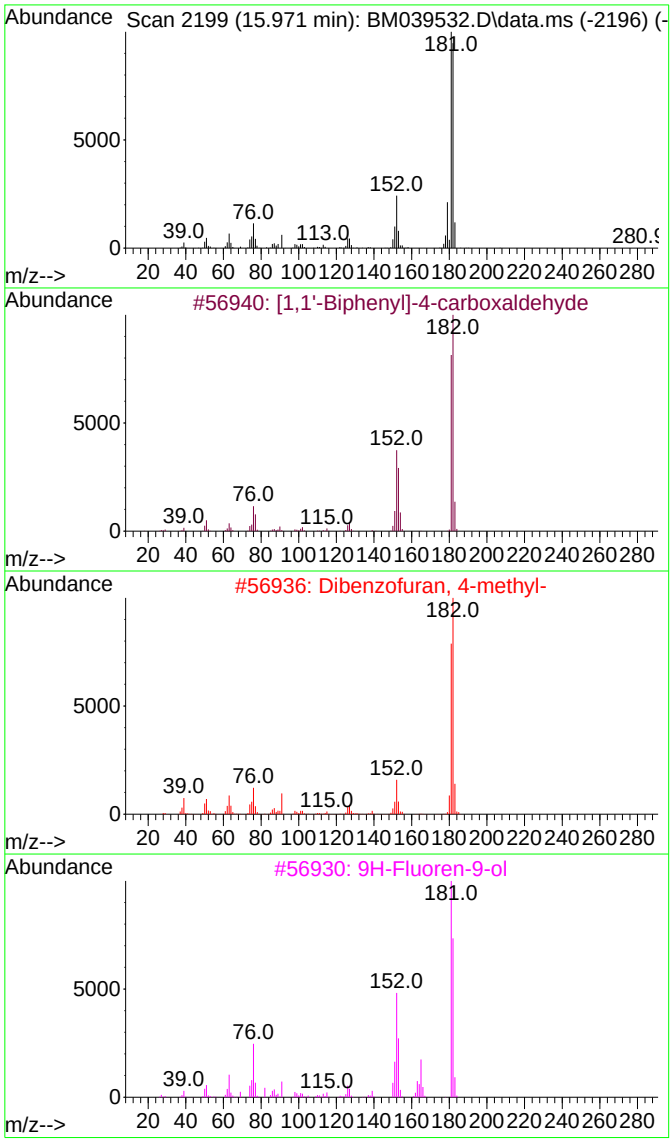
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

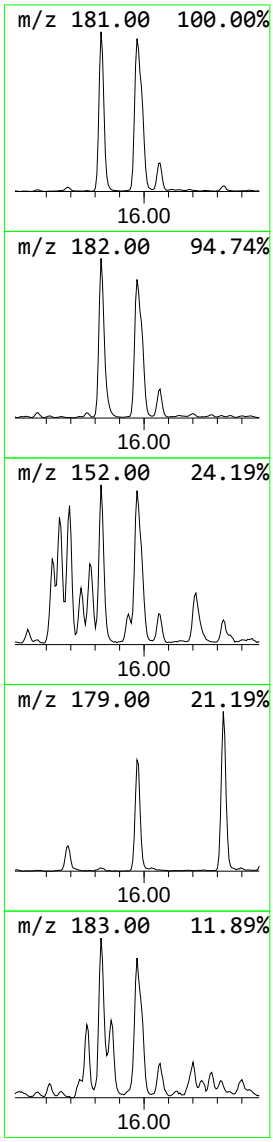
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.971 | 11.34 ng/ul | 1875750 | Phenanthrene-d10 | 17.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 89 |
| 2 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 81 |
| 3 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 80 |
| 4 | 2,4,6-Cycloheptatrien-1-one, 2-p... | 182 | C13H10O | 014562-09-5 | 64 |
| 5 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

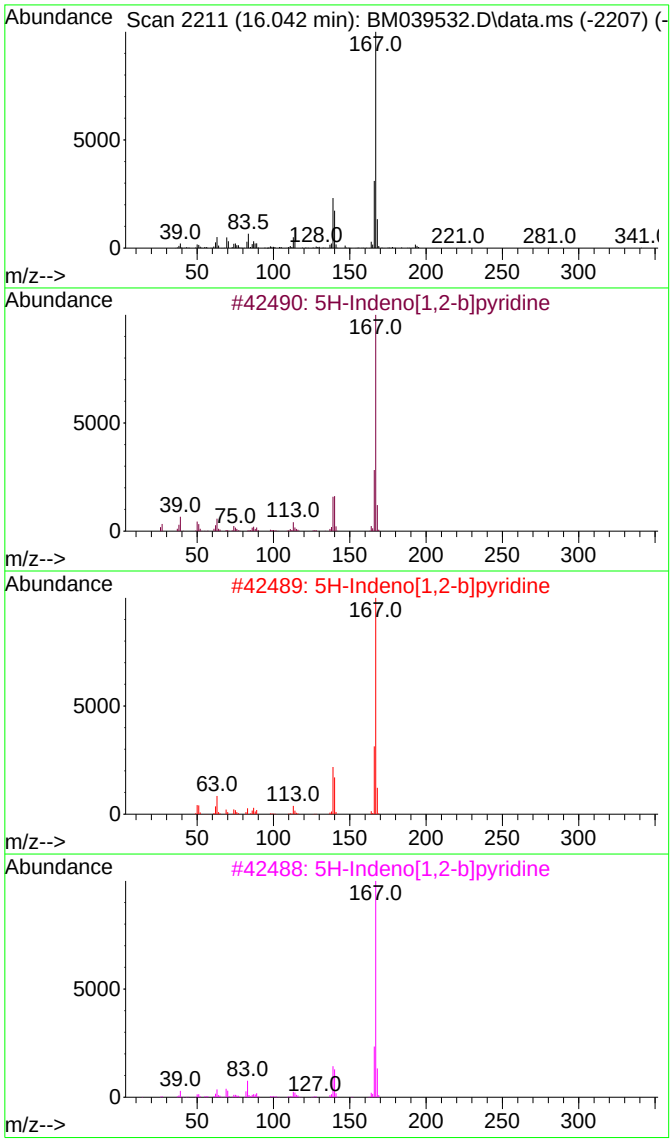
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

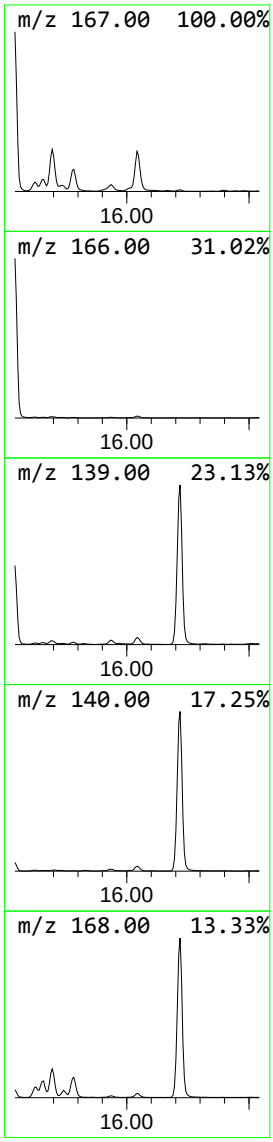
**********

Peak Number 31 5H-Indeno[1,2-b]pyridine Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.042 | 7.00 ng/ul | 1158160 | Phenanthrene-d10 | 17.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5H-Indeno[1,2-b]pyridine | 167 | C12H9N | 000244-99-5 | 97 |
| 2 | 5H-Indeno[1,2-b]pyridine | 167 | C12H9N | 000244-99-5 | 94 |
| 3 | 5H-Indeno[1,2-b]pyridine | 167 | C12H9N | 000244-99-5 | 93 |
| 4 | Carbazole | 167 | C12H9N | 000086-74-8 | 90 |
| 5 | Carbazole | 167 | C12H9N | 000086-74-8 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

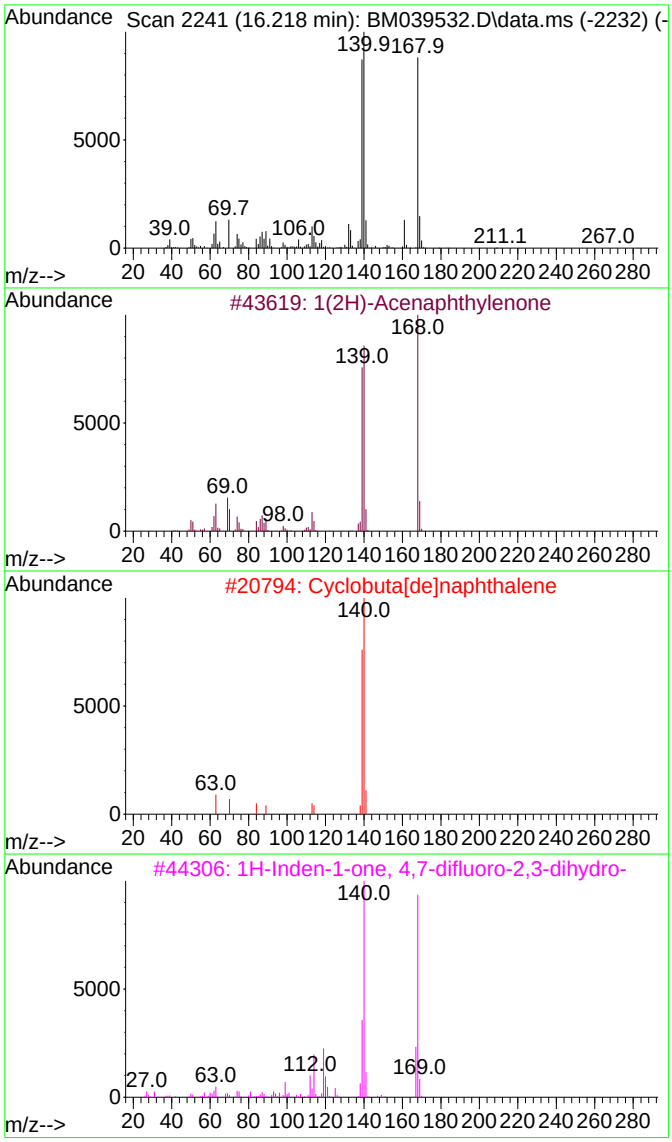
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

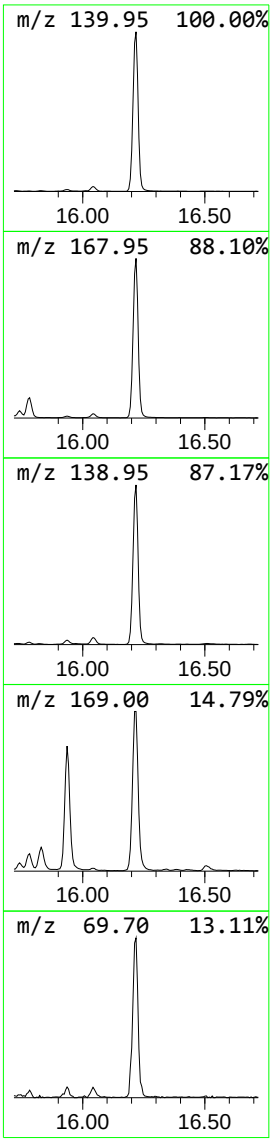
**********

Peak Number 32 1(2H)-Acenaphthylenone Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.218 | 53.30 ng/ul | 8818870 | Phenanthrene-d10 | 17.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1(2H)-Acenaphthylenone | 168 | C12H8O | 002235-15-6 | 96 |
| 2 | Cyclobuta[de]naphthalene | 140 | C11H8 | 024973-91-9 | 60 |
| 3 | 1H-Inden-1-one, 4,7-difluoro-2,3... | 168 | C9H6F2O | 130408-16-1 | 50 |
| 4 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 47 |
| 5 | 2-Amino-5,6-dihydro-4H-cyclopent... | 140 | C6H8N2S | 053051-97-1 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

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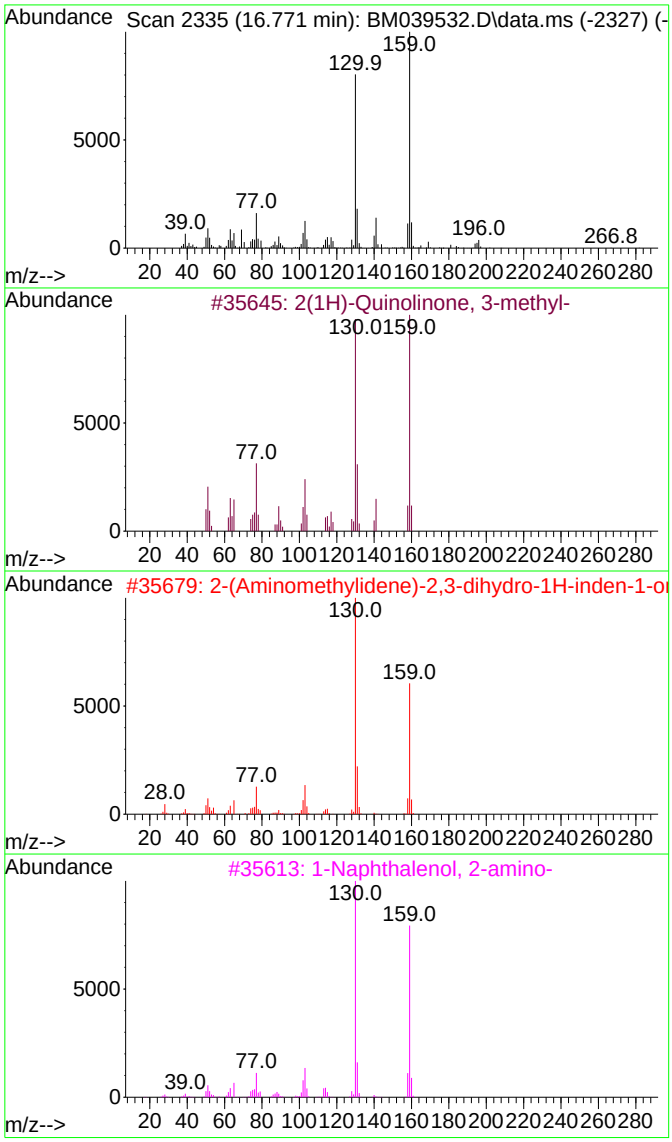
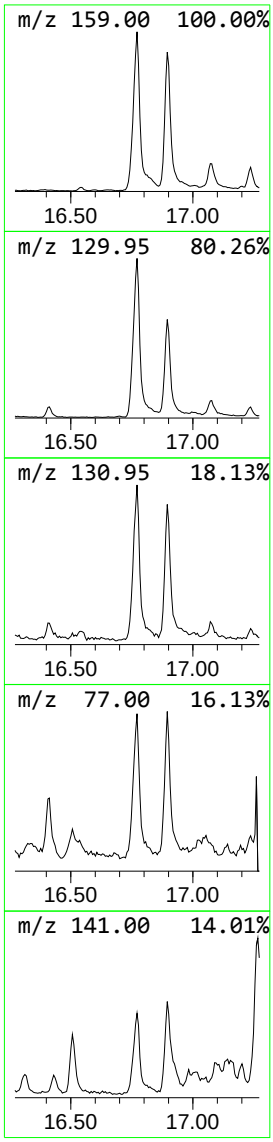
Peak Number 37 2(1H)-Quinolinone, 3-methyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.771 | 6.03 ng/ul | 997234 | Phenanthrene-d10 | 17.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2(1H)-Quinolinone, 3-methyl- | 159 | C10H9NO | 002721-59-7 | 95 |
| 2 | 2-(Aminomethylidene)-2,3-dihydro... | 159 | C10H9NO | 053394-92-6 | 93 |
| 3 | 1-Naphthalenol, 2-amino- | 159 | C10H9NO | 000606-41-7 | 93 |
| 4 | 2(1H)-Quinolinone, 4-methyl- | 159 | C10H9NO | 000607-66-9 | 93 |
| 5 | 1-Naphthalenol, 2-amino- | 159 | C10H9NO | 000606-41-7 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

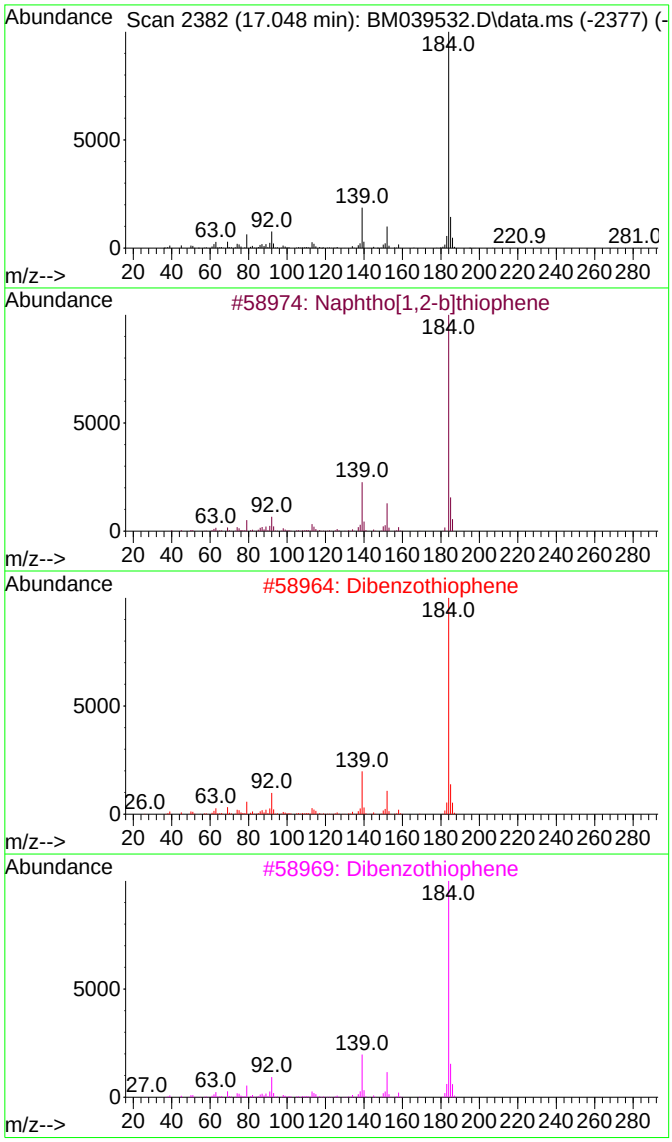
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

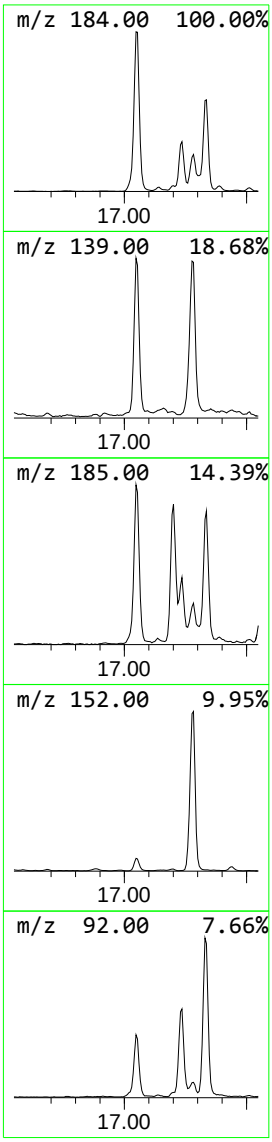
**********

Peak Number 39 Naphtho[1,2-b]thiophene Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.048 | 10.00 ng/ul | 1653750 | Phenanthrene-d10 | 17.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphtho[1,2-b]thiophene | 184 | C12H8S | 000234-41-3 | 97 |
| 2 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 3 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 4 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 96 |
| 5 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

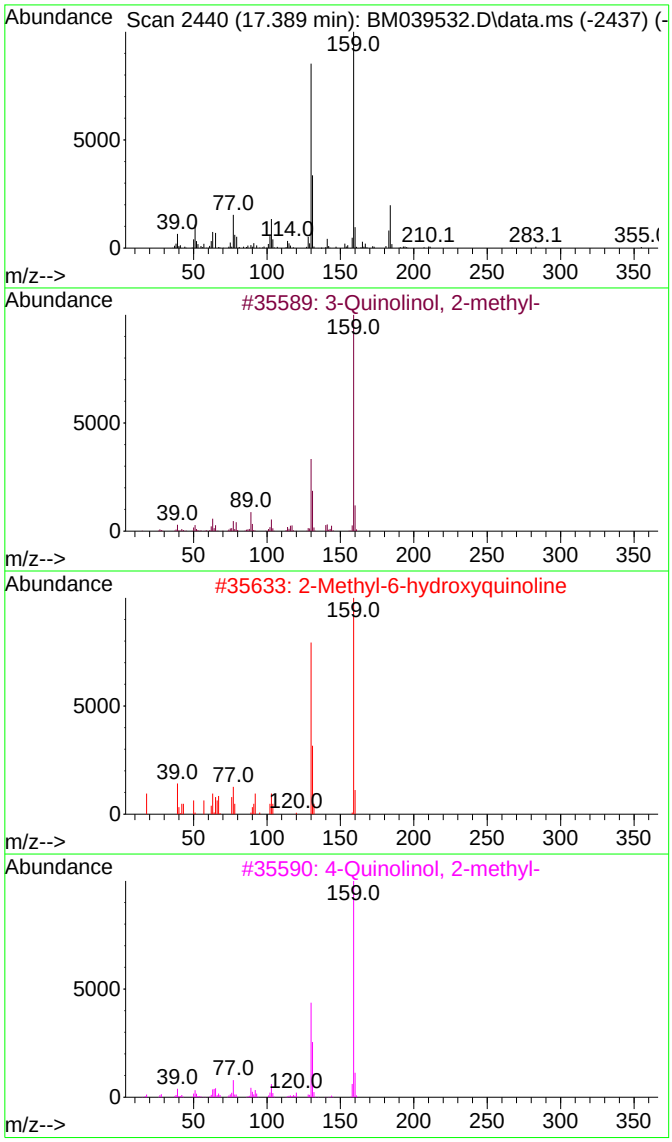
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

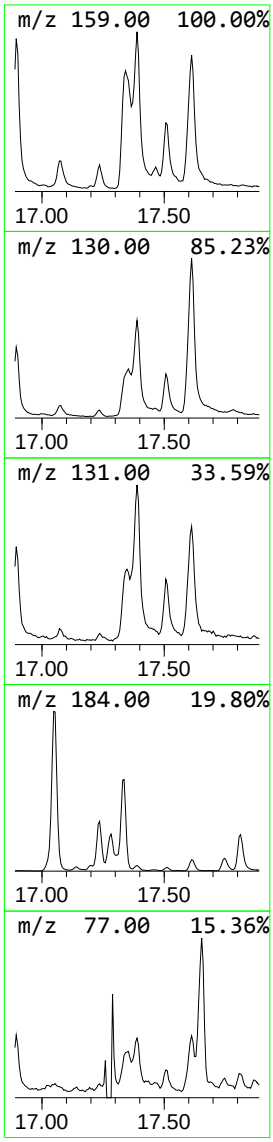
**********

Peak Number 40 3-Quinolinol, 2-methyl- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.389 | 4.73 ng/ul | 782068 | Phenanthrene-d10 | 17.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Quinolinol, 2-methyl- | 159 | C10H9NO | 000613-19-4 | 83 |
| 2 | 2-Methyl-6-hydroxyquinoline | 159 | C10H9NO | 000613-21-8 | 81 |
| 3 | 4-Quinolinol, 2-methyl- | 159 | C10H9NO | 000607-67-0 | 80 |
| 4 | 1-Naphthalenol, 2-amino- | 159 | C10H9NO | 000606-41-7 | 74 |
| 5 | Phenol, 2-pyrrol-1-yl- | 159 | C10H9NO | 1000302-04-1 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

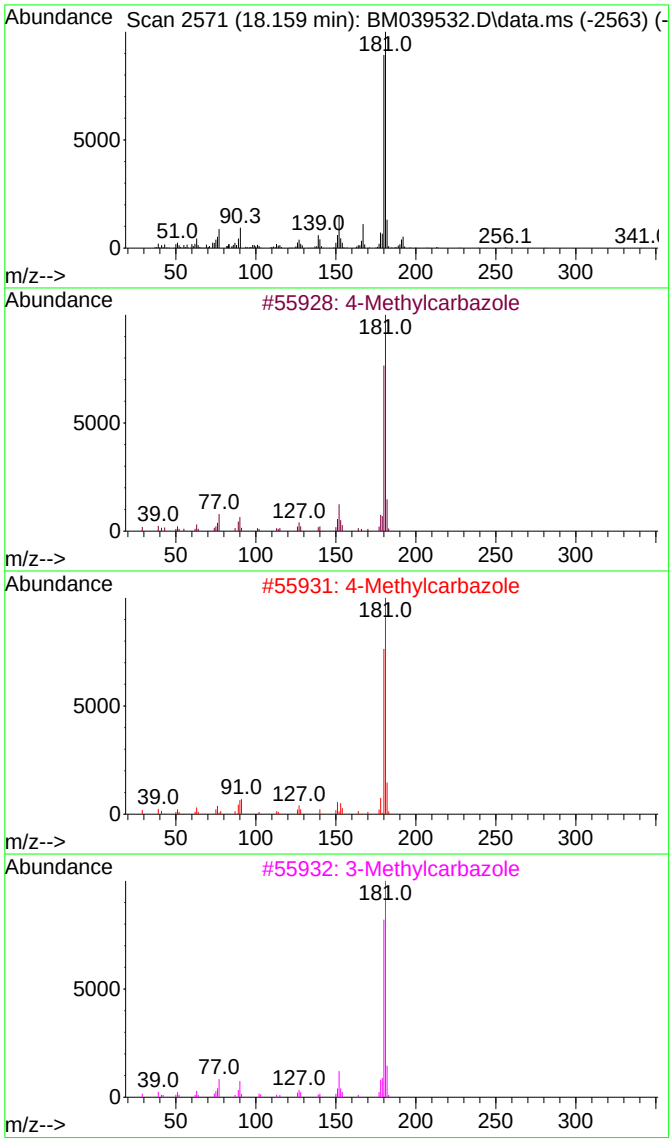
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

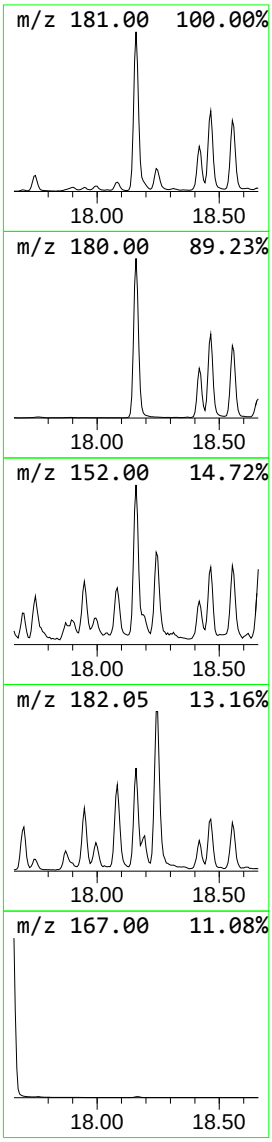
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 4-Methylcarbazole Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.159 | 12.76 ng/ul | 2111390 | Phenanthrene-d10 | 17.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Methylcarbazole | 181 | C13H11N | 003770-48-7 | 97 |
| 2 | 4-Methylcarbazole | 181 | C13H11N | 003770-48-7 | 96 |
| 3 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 96 |
| 4 | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 95 |
| 5 | 1-Methylcarbazole | 181 | C13H11N | 006510-65-2 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

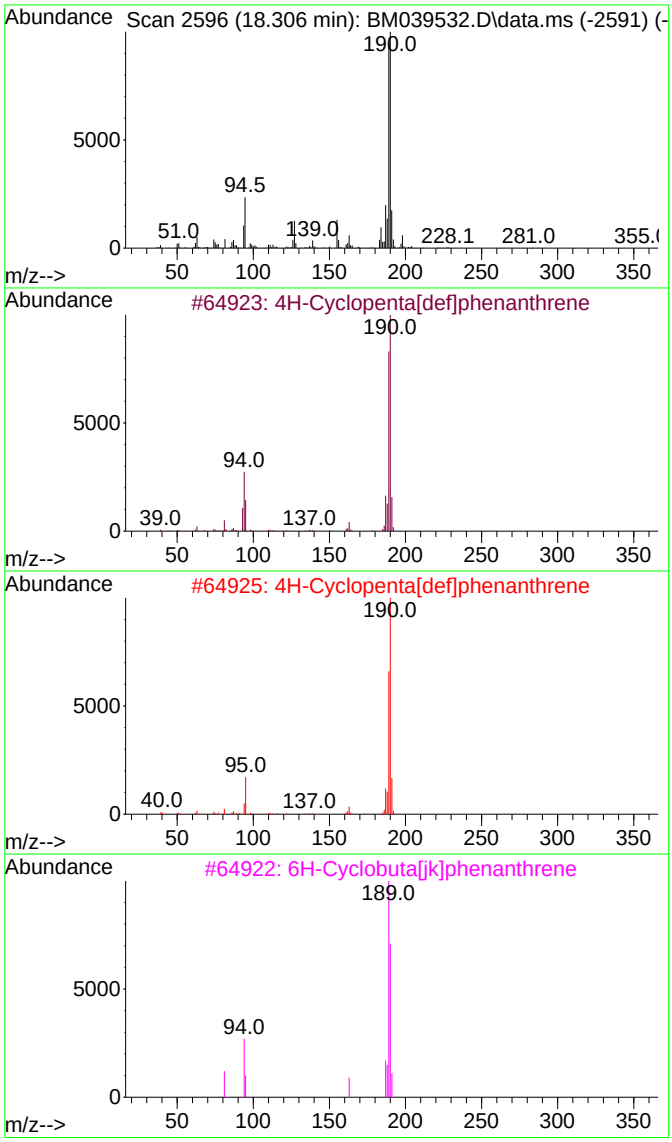
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

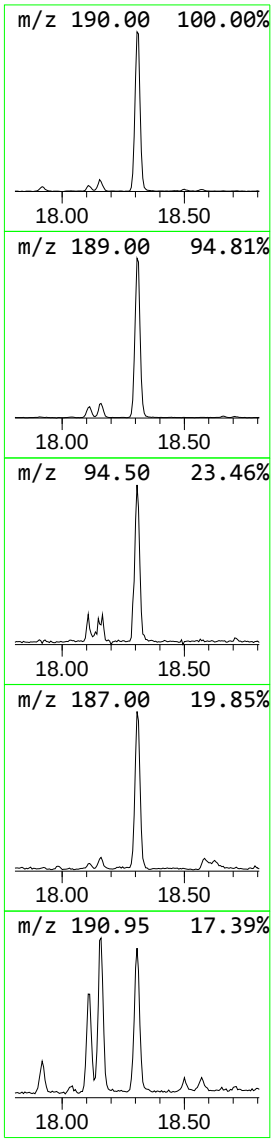
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 4H-Cyclopenta[def]phenanthrene Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.306 | 5.66 ng/ul | 935950 | Phenanthrene-d10 | 17.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 90 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 74 |
| 3 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 64 |
| 4 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 64 |
| 5 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

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

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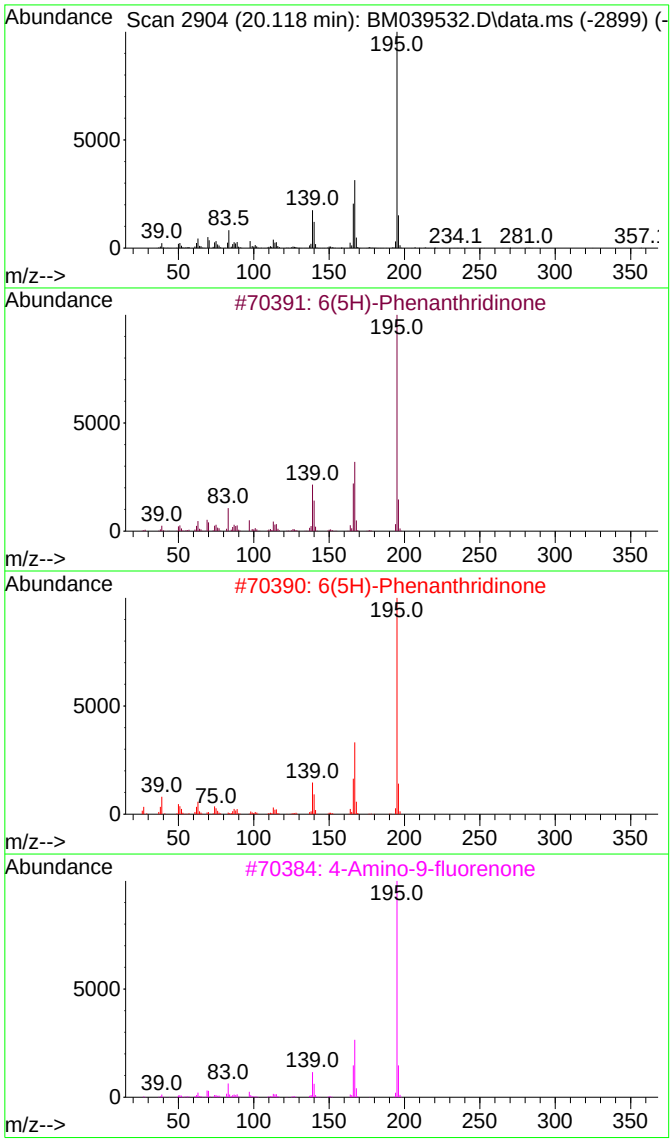
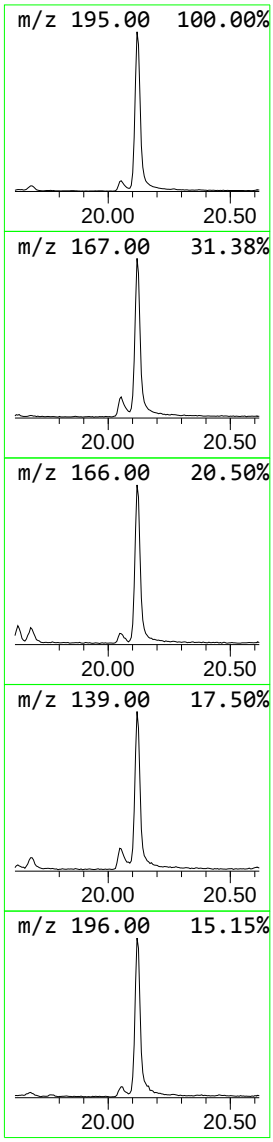
Peak Number 49 6(5H)-Phenanthridinone Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.118 | 12.17 ng/ul | 1571120 | Chrysene-d12 | 21.424 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6(5H)-Phenanthridinone | 195 | C13H9NO | 001015-89-0 | 97 |
| 2 | 6(5H)-Phenanthridinone | 195 | C13H9NO | 001015-89-0 | 96 |
| 3 | 4-Amino-9-fluorenone | 195 | C13H9NO | 004269-15-2 | 95 |
| 4 | 9-Acridinol | 195 | C13H9NO | 000643-62-9 | 95 |
| 5 | 9(10H)-Acridinone | 195 | C13H9NO | 000578-95-0 | 94 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039532.D
Acq On : 20 Apr 2023 19:37
Operator : CG/JU
Sample : 02296-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.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 |
| p-Xylene | 5.443 | 4.7 | ng/ul | 340077 | 1 | 7.825 | 1436660 | 20.0 |
| Pyridine, 3,4-d... | 6.337 | 49.9 | ng/ul | 3581060 | 1 | 7.825 | 1436660 | 20.0 |
| Aniline, N-methyl- | 6.372 | 34.6 | ng/ul | 2482770 | 1 | 7.825 | 1436660 | 20.0 |
| Pyridine, 2,3-d... | 6.572 | 8.7 | ng/ul | 626558 | 1 | 7.825 | 1436660 | 20.0 |
| Pyridine, 2,4,6... | 7.313 | 82.4 | ng/ul | 5919170 | 1 | 7.825 | 1436660 | 20.0 |
| Mesitylene | 7.460 | 16.2 | ng/ul | 1165390 | 1 | 7.825 | 1436660 | 20.0 |
| Pyridine, 2,3,6... | 7.584 | 54.8 | ng/ul | 3936320 | 1 | 7.825 | 1436660 | 20.0 |
| o-Cymene | 7.948 | 19.3 | ng/ul | 1385520 | 1 | 7.825 | 1436660 | 20.0 |
| Indane | 8.189 | 54.7 | ng/ul | 3928810 | 1 | 7.825 | 1436660 | 20.0 |
| Indene | 8.360 | 47.3 | ng/ul | 3400330 | 1 | 7.825 | 1436660 | 20.0 |
| Benzene, 2-ethy... | 8.460 | 5.5 | ng/ul | 393259 | 1 | 7.825 | 1436660 | 20.0 |
| Benzene, 2-ethy... | 8.925 | 5.2 | ng/ul | 373002 | 1 | 7.825 | 1436660 | 20.0 |
| Benzofuran, 2-m... | 9.183 | 6.9 | ng/ul | 496293 | 1 | 7.825 | 1436660 | 20.0 |
| Naphthalene, 1-... | 13.507 | 22.1 | ng/ul | 4735650 | 3 | 14.483 | 4284600 | 20.0 |
| Naphthalene, 1,... | 13.642 | 16.2 | ng/ul | 3475010 | 3 | 14.483 | 4284600 | 20.0 |
| Naphthalene, 2,... | 13.801 | 35.7 | ng/ul | 7649080 | 3 | 14.483 | 4284600 | 20.0 |
| Naphthalene, 1,... | 14.036 | 11.1 | ng/ul | 2385410 | 3 | 14.483 | 4284600 | 20.0 |
| 2-Naphthaleneca... | 14.624 | 11.3 | ng/ul | 2413880 | 3 | 14.483 | 4284600 | 20.0 |
| N-(2-Chlorophen... | 14.983 | 12.3 | ng/ul | 2638810 | 3 | 14.483 | 4284600 | 20.0 |
| Nordiphenamid | 15.695 | 7.6 | ng/ul | 1626660 | 3 | 14.483 | 4284600 | 20.0 |
| 9H-Fluoren-3-ol | 15.824 | 9.3 | ng/ul | 1993670 | 3 | 14.483 | 4284600 | 20.0 |
| [1,1'-Biphenyl]... | 15.971 | 11.3 | ng/ul | 1875750 | 4 | 17.236 | 3309110 | 20.0 |
| 5H-Indeno[1,2-b... | 16.042 | 7.0 | ng/ul | 1158160 | 4 | 17.236 | 3309110 | 20.0 |
| 1(2H)-Acenaphth... | 16.218 | 53.3 | ng/ul | 8818870 | 4 | 17.236 | 3309110 | 20.0 |
| 2(1H)-Quinolino... | 16.771 | 6.0 | ng/ul | 997234 | 4 | 17.236 | 3309110 | 20.0 |
| Naphtho[1,2-b]t... | 17.048 | 10.0 | ng/ul | 1653750 | 4 | 17.236 | 3309110 | 20.0 |
| 3-Quinolinol, 2... | 17.389 | 4.7 | ng/ul | 782068 | 4 | 17.236 | 3309110 | 20.0 |
| 4-Methylcarbazole | 18.159 | 12.8 | ng/ul | 2111390 | 4 | 17.236 | 3309110 | 20.0 |
| 4H-Cyclopenta[d... | 18.306 | 5.7 | ng/ul | 935950 | 4 | 17.236 | 3309110 | 20.0 |
| 6(5H)-Phenanthr... | 20.118 | 12.2 | ng/ul | 1571120 | 5 | 21.424 | 2581610 | 20.0 |