LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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: BM039529.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.443 | 401 | 409 | 429 | rBV | 584286 | 1162094 | 0.76% | 0.128% |
| 2 | 6.484 | 579 | 586 | 601 | rVB | 2240542 | 3428923 | 2.25% | 0.378% |
| 3 | 6.790 | 634 | 638 | 650 | rVB | 937044 | 1460583 | 0.96% | 0.161% |
| 4 | 6.902 | 650 | 657 | 662 | rBV | 2751381 | 4168004 | 2.74% | 0.459% |
| 5 | 6.960 | 662 | 667 | 672 | rVV | 1252962 | 1921091 | 1.26% | 0.212% |
| 6 | 7.037 | 672 | 680 | 691 | rVV | 3203536 | 5291487 | 3.48% | 0.583% |
| 7 | 7.160 | 695 | 701 | 705 | rVV | 1008079 | 1716355 | 1.13% | 0.189% |
| 8 | 7.202 | 705 | 708 | 712 | rVV | 514161 | 806507 | 0.53% | 0.089% |
| 9 | 7.243 | 712 | 715 | 722 | rVV | 401378 | 650814 | 0.43% | 0.072% |
| 10 | 7.319 | 722 | 728 | 731 | rVV | 701992 | 1088973 | 0.72% | 0.120% |
| 11 | 7.360 | 731 | 735 | 742 | rVV | 1093516 | 1909969 | 1.25% | 0.210% |
| 12 | 7.466 | 746 | 753 | 763 | rVV2 | 8145949 | 14050564 | 9.23% | 1.548% |
| 13 | 7.560 | 763 | 769 | 772 | rVV | 455962 | 791074 | 0.52% | 0.087% |
| 14 | 7.590 | 772 | 774 | 786 | rVB | 355552 | 565045 | 0.37% | 0.062% |
| 15 | 7.825 | 806 | 814 | 825 | rBV2 | 834370 | 1676503 | 1.10% | 0.185% |
| 16 | 7.954 | 825 | 836 | 842 | rBV2 | 6692482 | 13955978 | 9.17% | 1.537% |
| 17 | 8.037 | 842 | 850 | 858 | rVB2 | 2985073 | 5187489 | 3.41% | 0.571% |
| 18 | 8.201 | 870 | 878 | 888 | rBV | 15060439 | 24776743 | 16.28% | 2.729% |
| 19 | 8.366 | 899 | 906 | 916 | rVB | 12629893 | 20764196 | 13.64% | 2.287% |
| 20 | 8.460 | 916 | 922 | 933 | rVB | 984528 | 1584689 | 1.04% | 0.175% |
| 21 | 8.572 | 933 | 941 | 949 | rBV2 | 708536 | 1678623 | 1.10% | 0.185% |
| 22 | 8.772 | 964 | 975 | 980 | rBV2 | 259298 | 529730 | 0.35% | 0.058% |
| 23 | 8.931 | 996 | 1002 | 1008 | rBV | 1051084 | 1774072 | 1.17% | 0.195% |
| 24 | 9.007 | 1008 | 1015 | 1022 | rBV | 2455466 | 5128243 | 3.37% | 0.565% |
| 25 | 9.072 | 1022 | 1026 | 1039 | rVB | 1684894 | 3305625 | 2.17% | 0.364% |
| 26 | 9.190 | 1039 | 1046 | 1054 | rBV | 2312263 | 4052128 | 2.66% | 0.446% |
| 27 | 9.313 | 1054 | 1067 | 1073 | rBV | 4227348 | 9296669 | 6.11% | 1.024% |
| 28 | 9.372 | 1073 | 1077 | 1085 | rVB | 1055988 | 1885142 | 1.24% | 0.208% |
| 29 | 9.454 | 1085 | 1091 | 1097 | rVB | 740970 | 1174362 | 0.77% | 0.129% |
| 30 | 9.519 | 1097 | 1102 | 1111 | rBV | 790324 | 1568967 | 1.03% | 0.173% |
| 31 | 9.760 | 1132 | 1143 | 1151 | rBV2 | 1922248 | 4392885 | 2.89% | 0.484% |
| 32 | 9.878 | 1151 | 1163 | 1171 | rBV2 | 2422699 | 5002446 | 3.29% | 0.551% |
| 33 | 10.019 | 1171 | 1187 | 1193 | rBV2 | 9906358 | 29949682 | 19.68% | 3.299% |
| 34 | 10.184 | 1204 | 1215 | 1224 | rVB2 | 4918455 | 12976768 | 8.53% | 1.429% |
| 35 | 10.278 | 1224 | 1231 | 1237 | rVV2 | 468347 | 1481434 | 0.97% | 0.163% |
| 36 | 10.354 | 1238 | 1244 | 1253 | rVB | 988402 | 2346982 | 1.54% | 0.259% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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 | 10.566 | 1269 | 1280 | 1285 | rBV7 | 212537 | 786197 | 0.52% | 0.087% |
| 38 | 10.719 | 1293 | 1306 | 1317 | rBV2 | 26279666 | 152191695 | 100.00% | 16.765% |
| 39 | 10.913 | 1335 | 1339 | 1353 | rVB | 20568875 | 29823665 | 19.60% | 3.285% |
| 40 | 11.072 | 1361 | 1366 | 1373 | rVB2 | 403491 | 745792 | 0.49% | 0.082% |
| 41 | 11.307 | 1401 | 1406 | 1415 | rVB | 307861 | 534104 | 0.35% | 0.059% |
| 42 | 12.201 | 1551 | 1558 | 1568 | rVB | 2714254 | 4760190 | 3.13% | 0.524% |
| 43 | 12.336 | 1569 | 1581 | 1585 | rBV | 26769475 | 89659123 | 58.91% | 9.877% |
| 44 | 12.442 | 1593 | 1599 | 1606 | rBV2 | 4948322 | 9977349 | 6.56% | 1.099% |
| 45 | 12.560 | 1606 | 1619 | 1628 | rVV | 26170332 | 67861769 | 44.59% | 7.475% |
| 46 | 12.642 | 1628 | 1633 | 1642 | rVB3 | 402080 | 808594 | 0.53% | 0.089% |
| 47 | 12.954 | 1680 | 1686 | 1693 | rVV | 594619 | 969315 | 0.64% | 0.107% |
| 48 | 13.325 | 1742 | 1749 | 1756 | rBV | 14254276 | 22003071 | 14.46% | 2.424% |
| 49 | 13.383 | 1756 | 1759 | 1768 | rVB2 | 348358 | 612909 | 0.40% | 0.068% |
| 50 | 13.513 | 1775 | 1781 | 1793 | rVB | 2990486 | 5687112 | 3.74% | 0.626% |
| 51 | 13.648 | 1793 | 1804 | 1805 | rBV3 | 2731751 | 4535959 | 2.98% | 0.500% |
| 52 | 13.801 | 1823 | 1830 | 1836 | rBV | 4461959 | 8666275 | 5.69% | 0.955% |
| 53 | 13.860 | 1836 | 1840 | 1843 | rVV | 3122165 | 4639679 | 3.05% | 0.511% |
| 54 | 13.901 | 1843 | 1847 | 1859 | rVB | 2902859 | 4623042 | 3.04% | 0.509% |
| 55 | 14.042 | 1864 | 1871 | 1874 | rBV | 1673739 | 2639059 | 1.73% | 0.291% |
| 56 | 14.072 | 1874 | 1876 | 1881 | rVB | 679027 | 820282 | 0.54% | 0.090% |
| 57 | 14.178 | 1888 | 1894 | 1897 | rBV | 3663505 | 5829845 | 3.83% | 0.642% |
| 58 | 14.466 | 1933 | 1943 | 1944 | rBV | 1670365 | 2178047 | 1.43% | 0.240% |
| 59 | 14.566 | 1951 | 1960 | 1966 | rBV | 23947721 | 45441704 | 29.86% | 5.006% |
| 60 | 14.636 | 1966 | 1972 | 1978 | rVB | 9238355 | 14539637 | 9.55% | 1.602% |
| 61 | 14.795 | 1995 | 1999 | 2004 | rVB | 610521 | 909628 | 0.60% | 0.100% |
| 62 | 14.901 | 2009 | 2017 | 2025 | rBV2 | 21287497 | 42990073 | 28.25% | 4.736% |
| 63 | 15.272 | 2072 | 2080 | 2091 | rVB | 250169 | 551519 | 0.36% | 0.061% |
| 64 | 15.477 | 2100 | 2115 | 2120 | rBV | 4073507 | 6673294 | 4.38% | 0.735% |
| 65 | 15.542 | 2120 | 2126 | 2134 | rVV | 16949201 | 27960212 | 18.37% | 3.080% |
| 66 | 15.619 | 2134 | 2139 | 2143 | rVV3 | 1451785 | 2196587 | 1.44% | 0.242% |
| 67 | 15.660 | 2143 | 2146 | 2148 | rVV | 484775 | 641190 | 0.42% | 0.071% |
| 68 | 15.695 | 2148 | 2152 | 2157 | rVV2 | 863024 | 1356877 | 0.89% | 0.149% |
| 69 | 15.783 | 2162 | 2167 | 2170 | rVV2 | 598601 | 952721 | 0.63% | 0.105% |
| 70 | 15.824 | 2170 | 2174 | 2180 | rVB | 1122968 | 1517620 | 1.00% | 0.167% |
| 71 | 15.972 | 2195 | 2199 | 2208 | rVV | 1427314 | 2787257 | 1.83% | 0.307% |
| 72 | 16.048 | 2208 | 2212 | 2220 | rVB2 | 279421 | 626776 | 0.41% | 0.069% |
| 73 | 16.219 | 2233 | 2241 | 2254 | rBV | 10904596 | 18695698 | 12.28% | 2.059% |
| 74 | 16.324 | 2254 | 2259 | 2266 | rVV2 | 351636 | 613076 | 0.40% | 0.068% |
| 75 | 16.571 | 2275 | 2301 | 2315 | rVV | 3735433 | 17609351 | 11.57% | 1.940% |
| 76 | 16.895 | 2343 | 2356 | 2364 | rVB | 2529820 | 4463468 | 2.93% | 0.492% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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 | 17.054 | 2374 | 2383 | 2391 | rBV | 1620460 | 2551498 | 1.68% | 0.281% |
| 78 | 17.236 | 2410 | 2414 | 2417 | rVV | 1945015 | 3047288 | 2.00% | 0.336% |
| 79 | 17.283 | 2417 | 2422 | 2427 | rVV | 15406952 | 24036548 | 15.79% | 2.648% |
| 80 | 17.336 | 2427 | 2431 | 2445 | rVV | 4640469 | 8441597 | 5.55% | 0.930% |
| 81 | 17.471 | 2450 | 2454 | 2459 | rVV2 | 480414 | 828200 | 0.54% | 0.091% |
| 82 | 17.660 | 2472 | 2486 | 2500 | rBV | 16167205 | 31873596 | 20.94% | 3.511% |
| 83 | 17.795 | 2506 | 2509 | 2516 | rVV | 550588 | 1058473 | 0.70% | 0.117% |
| 84 | 18.113 | 2559 | 2563 | 2566 | rVV2 | 389043 | 612081 | 0.40% | 0.067% |
| 85 | 18.160 | 2566 | 2571 | 2576 | rVV2 | 1240687 | 1961972 | 1.29% | 0.216% |
| 86 | 18.307 | 2591 | 2596 | 2603 | rBV2 | 720341 | 1164664 | 0.77% | 0.128% |
| 87 | 18.418 | 2609 | 2615 | 2619 | rBV2 | 415477 | 848248 | 0.56% | 0.093% |
| 88 | 18.465 | 2619 | 2623 | 2626 | rVV | 450725 | 708051 | 0.47% | 0.078% |
| 89 | 18.560 | 2635 | 2639 | 2645 | rVV2 | 396646 | 694910 | 0.46% | 0.077% |
| 90 | 18.660 | 2653 | 2656 | 2661 | rVB | 434776 | 557486 | 0.37% | 0.061% |
| 91 | 19.295 | 2760 | 2764 | 2771 | rVB | 773027 | 1025104 | 0.67% | 0.113% |
| 92 | 19.630 | 2815 | 2821 | 2829 | rBV | 5216991 | 7614157 | 5.00% | 0.839% |
| 93 | 20.054 | 2887 | 2893 | 2899 | rBV2 | 355184 | 769675 | 0.51% | 0.085% |
| 94 | 20.130 | 2899 | 2906 | 2913 | rVV | 2234443 | 3659721 | 2.40% | 0.403% |
| 95 | 20.730 | 3004 | 3008 | 3011 | rBV | 441975 | 618904 | 0.41% | 0.068% |
| 96 | 20.771 | 3011 | 3015 | 3029 | rVB | 581922 | 997652 | 0.66% | 0.110% |
| 97 | 20.901 | 3033 | 3037 | 3044 | rVB | 417054 | 538370 | 0.35% | 0.059% |
| 98 | 21.424 | 3121 | 3126 | 3131 | rBV | 1927946 | 2472004 | 1.62% | 0.272% |
| 99 | 23.636 | 3495 | 3502 | 3518 | rBV2 | 2602995 | 5230408 | 3.44% | 0.576% |
| 100 | 23.789 | 3522 | 3528 | 3538 | rVB2 | 1018680 | 2098441 | 1.38% | 0.231% |

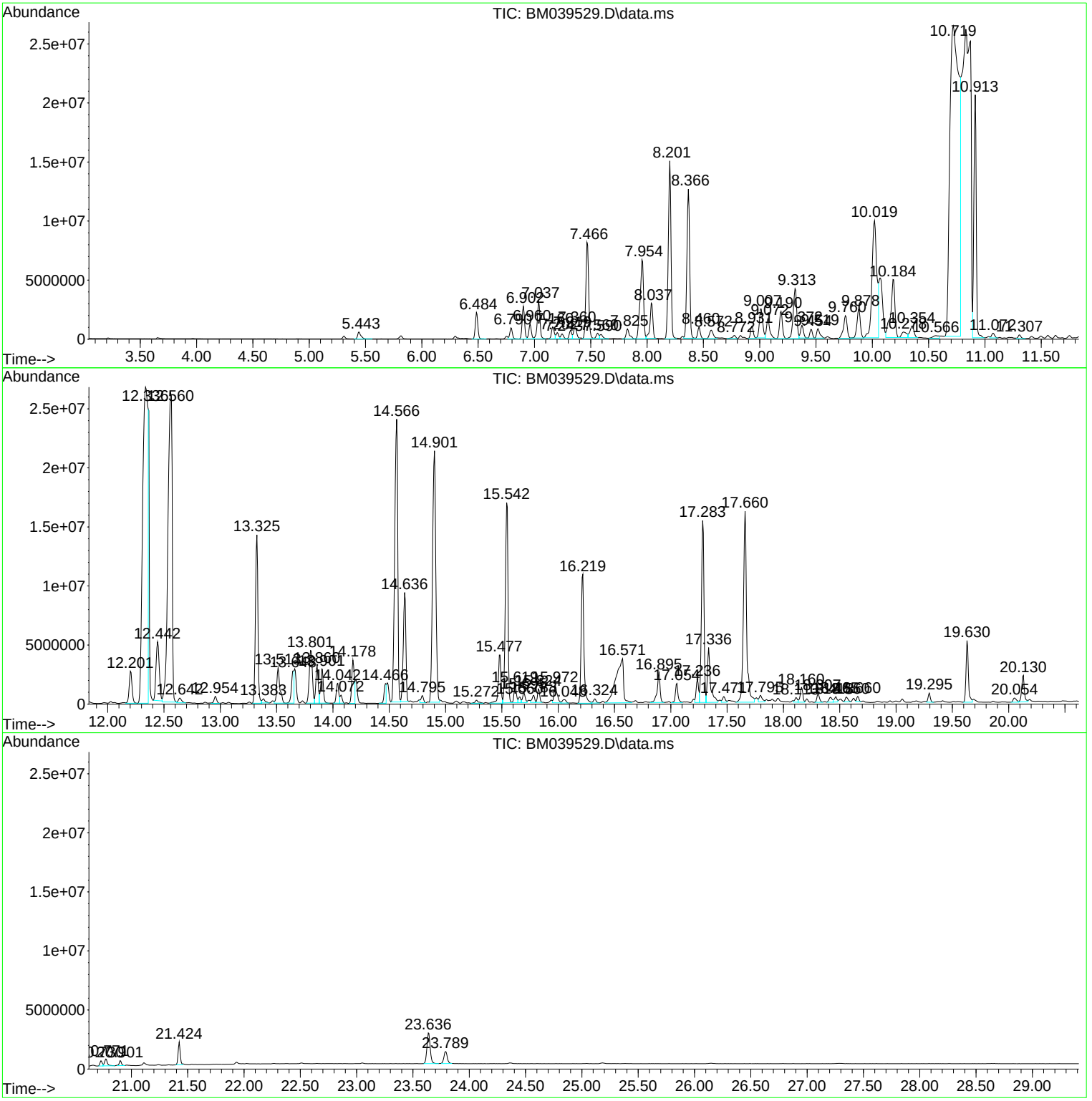
Sum of corrected areas: 907789648

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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 : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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

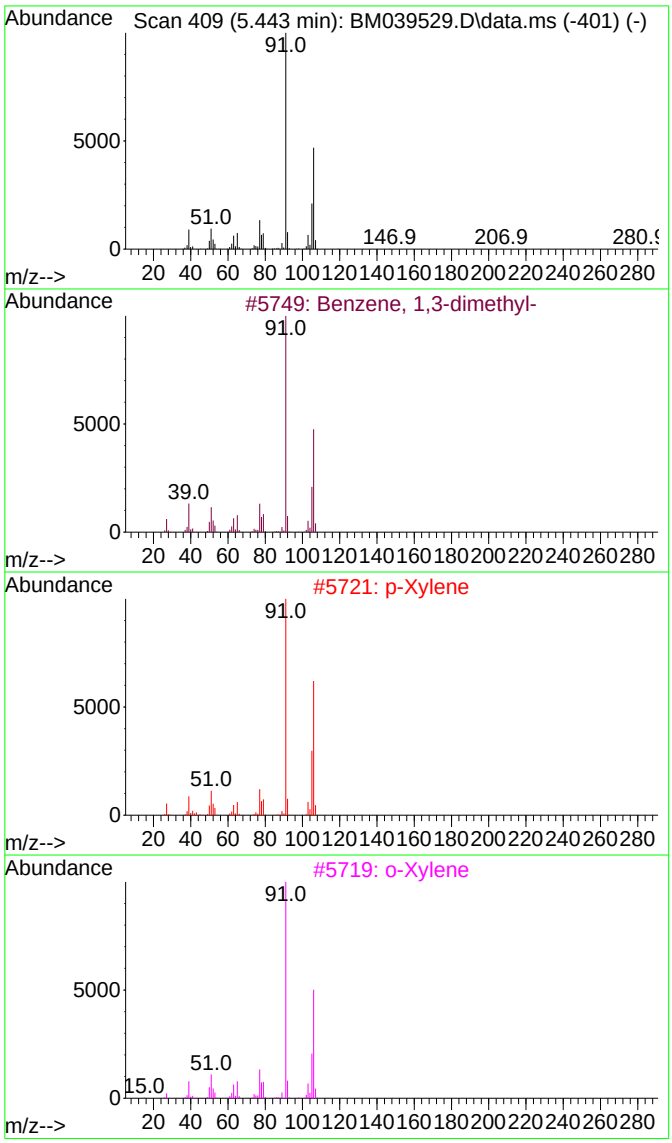
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

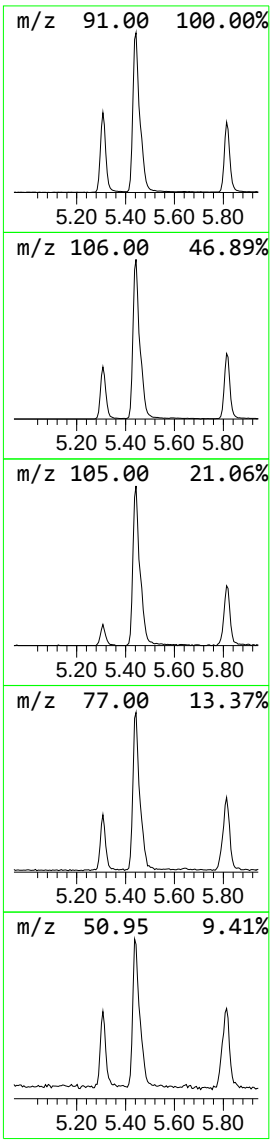
**********

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.443 | 13.86 ng/ul | 1162090 | 1,4-Dichlorobenzene-d4 | 7.825 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

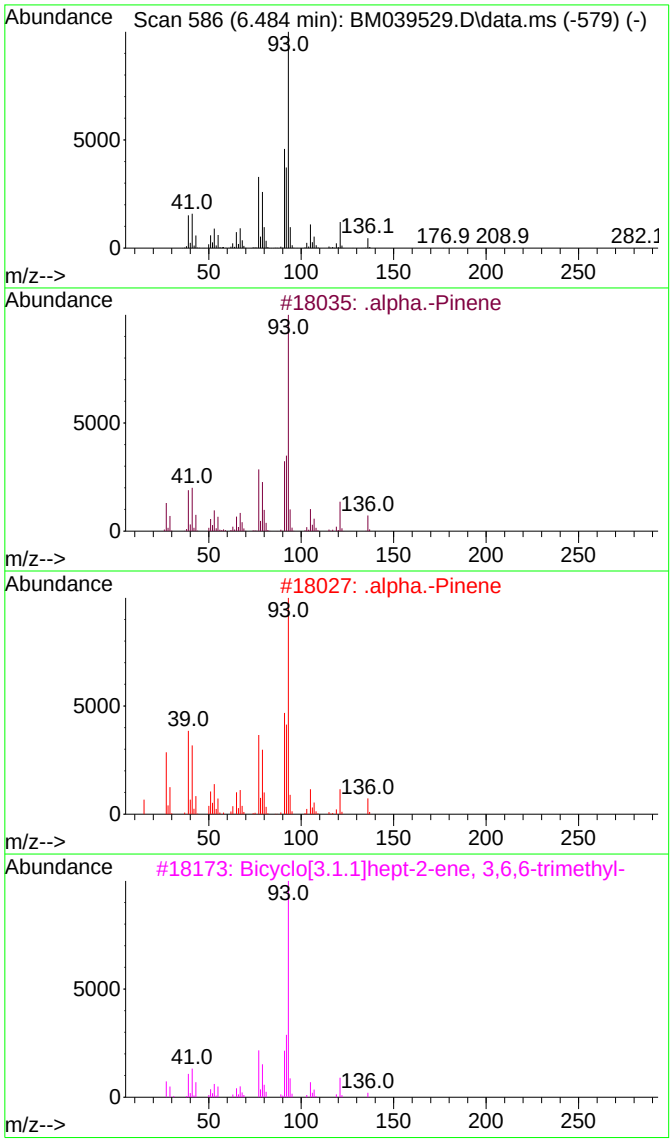
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

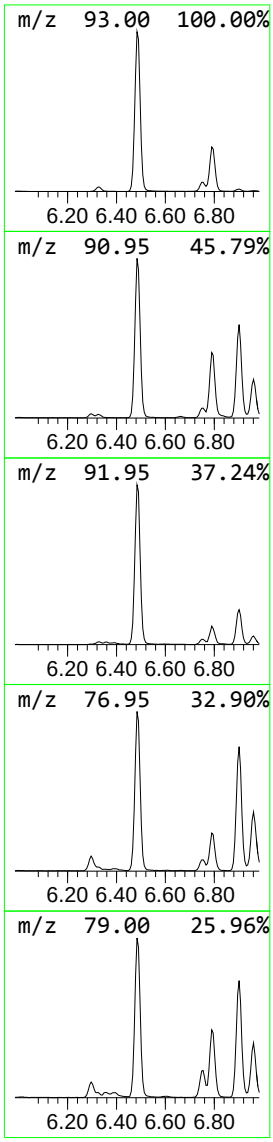
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 .alpha.-Pinene Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.484 | 40.91 ng/ul | 3428920 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .alpha.-Pinene | 136 | C10H16 | 000080-56-8 | 95 |
| 2 | .alpha.-Pinene | 136 | C10H16 | 000080-56-8 | 95 |
| 3 | Bicyclo[3.1.1]hept-2-ene, 3,6,6-... | 136 | C10H16 | 004889-83-2 | 94 |
| 4 | (1S)-2,6,6-Trimethylbicyclo[3.1.... | 136 | C10H16 | 007785-26-4 | 91 |
| 5 | Tricyclo[2.2.1.0(2,6)]heptane, 1... | 136 | C10H16 | 000508-32-7 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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

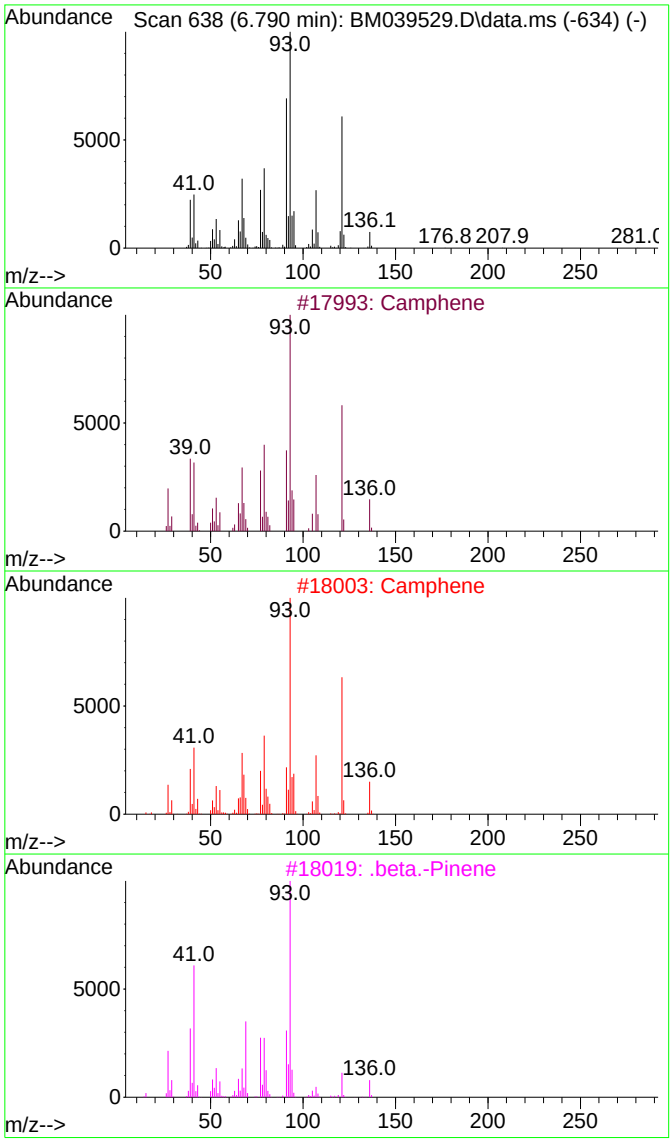
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

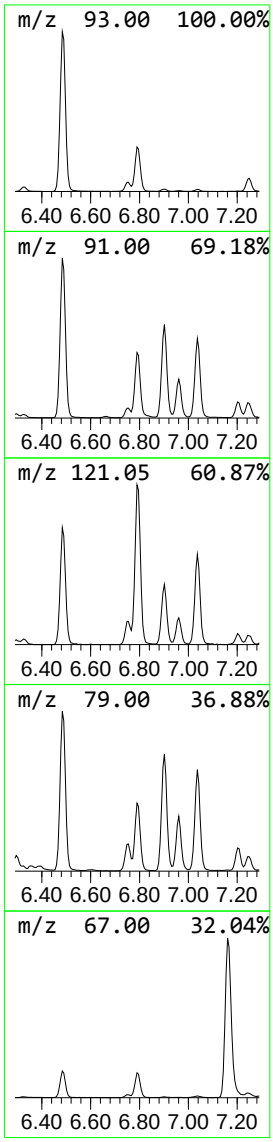
**********

Peak Number 3 Camphene Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.790 | 17.42 ng/ul | 1460580 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Camphene | 136 | C10H16 | 000079-92-5 | 90 |
| 2 | Camphene | 136 | C10H16 | 000079-92-5 | 86 |
| 3 | .beta.-Pinene | 136 | C10H16 | 000127-91-3 | 80 |
| 4 | 1,3-Cyclohexadiene, 1-methyl-4-(... | 136 | C10H16 | 000099-86-5 | 74 |
| 5 | 2-Carene | 136 | C10H16 | 000554-61-0 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

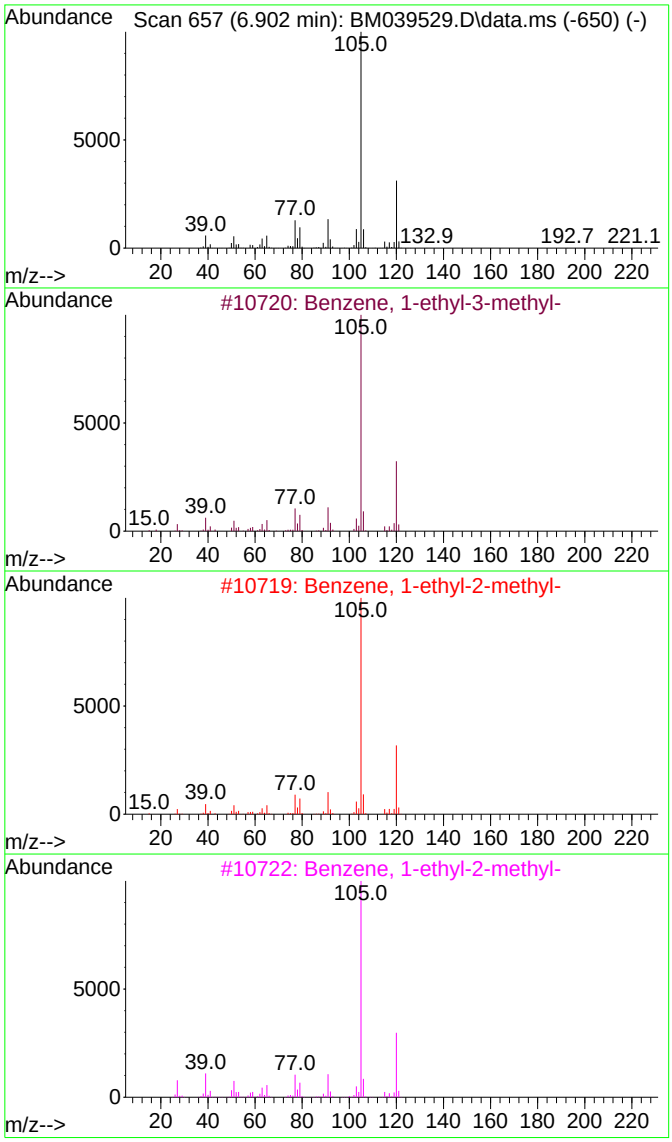
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

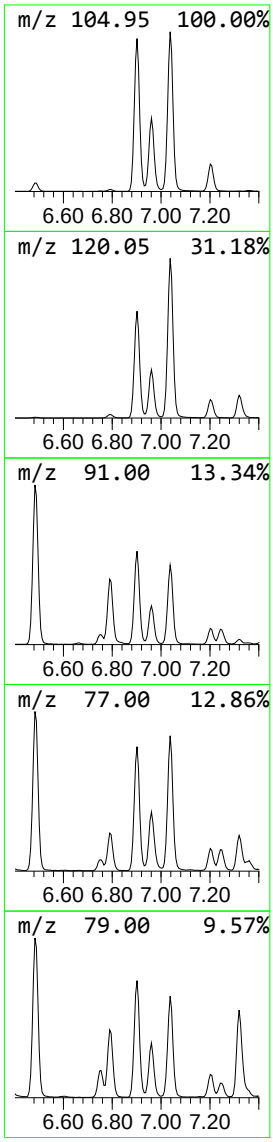
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.902 | 49.72 ng/ul | 4168000 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 95 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 3 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 94 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

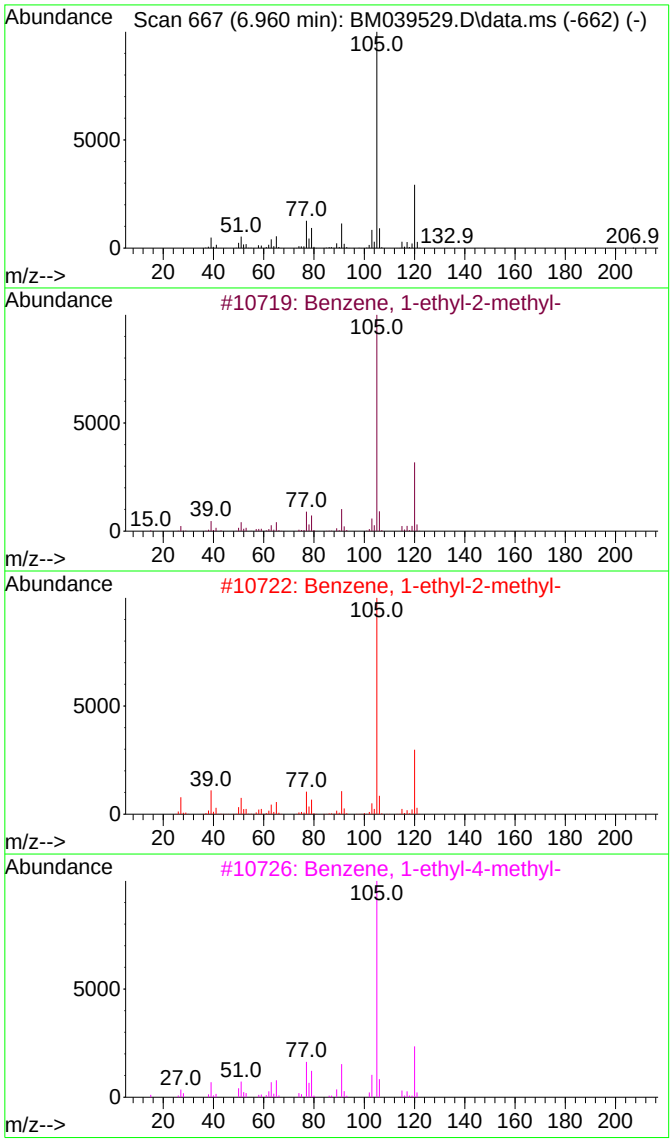
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

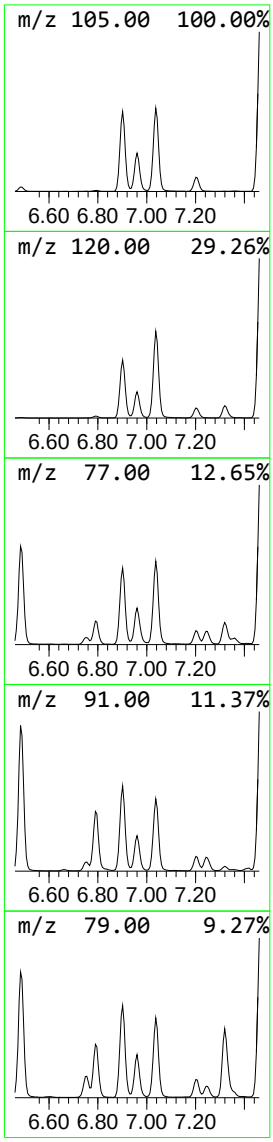
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.960 | 22.92 ng/ul | 1921090 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 2 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |
| 4 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 93 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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

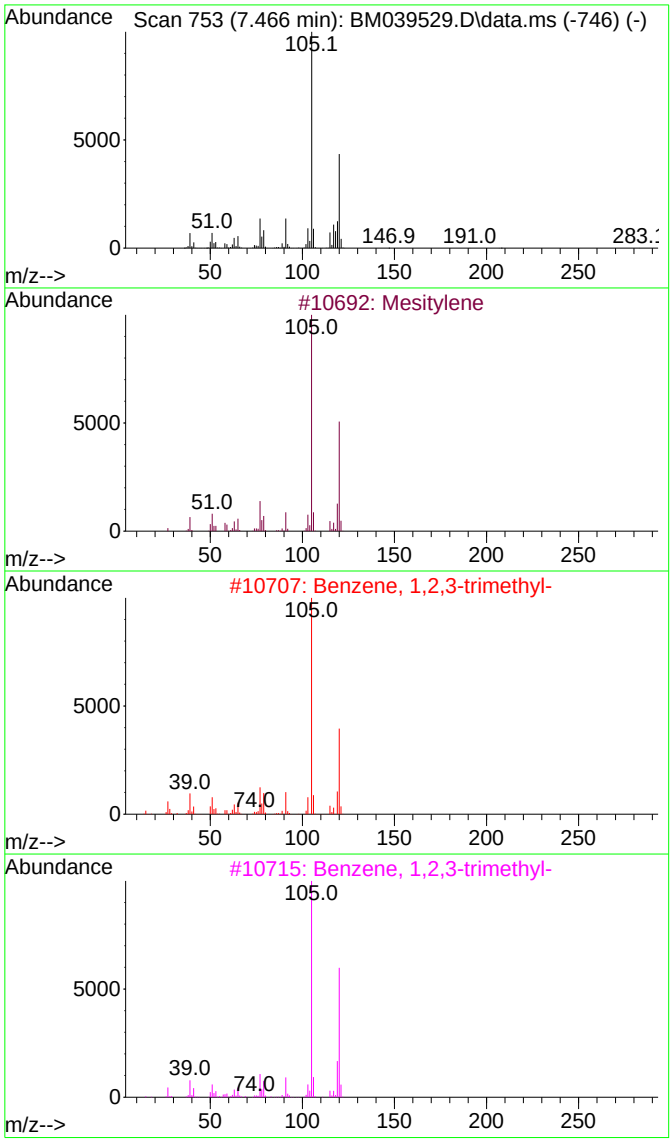
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

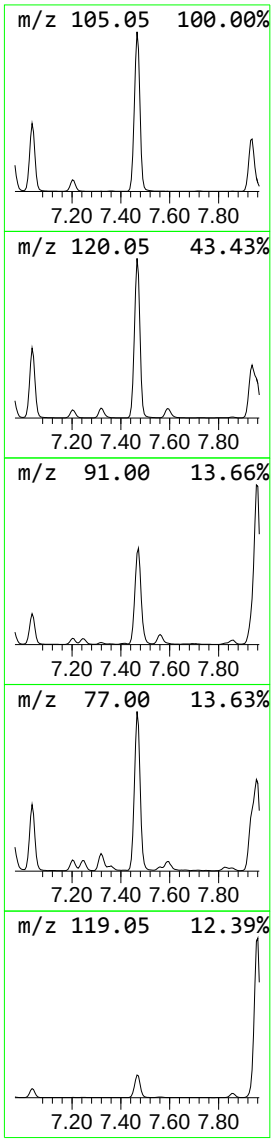
**********

Peak Number 7 Mesitylene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.466 | 167.62 ng/ul | 14050600 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 93 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 93 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 93 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

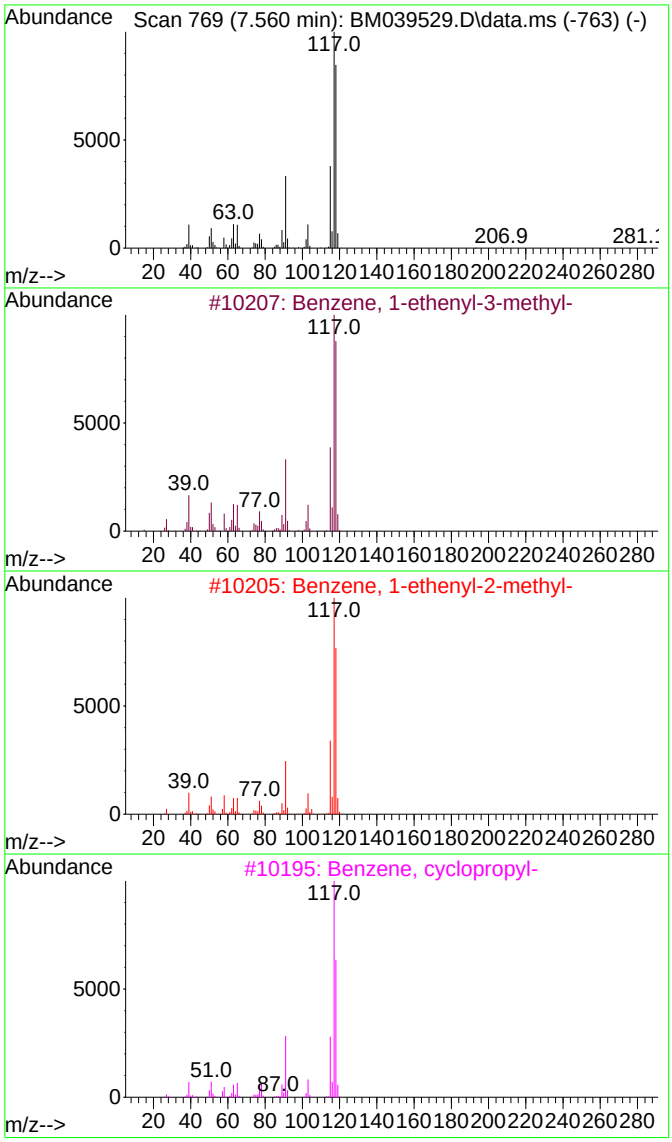
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

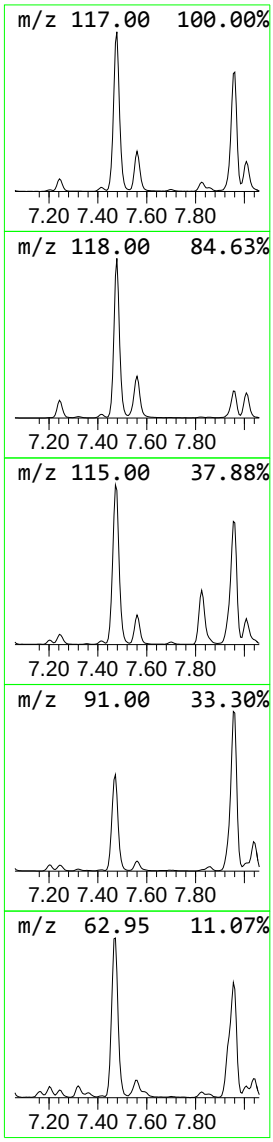
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1-ethenyl-3-methyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.560 | 9.44 ng/ul | 791074 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethenyl-3-methyl- | 118 | C9H10 | 000100-80-1 | 96 |
| 2 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 94 |
| 3 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 94 |
| 4 | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10 | 000622-97-9 | 93 |
| 5 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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

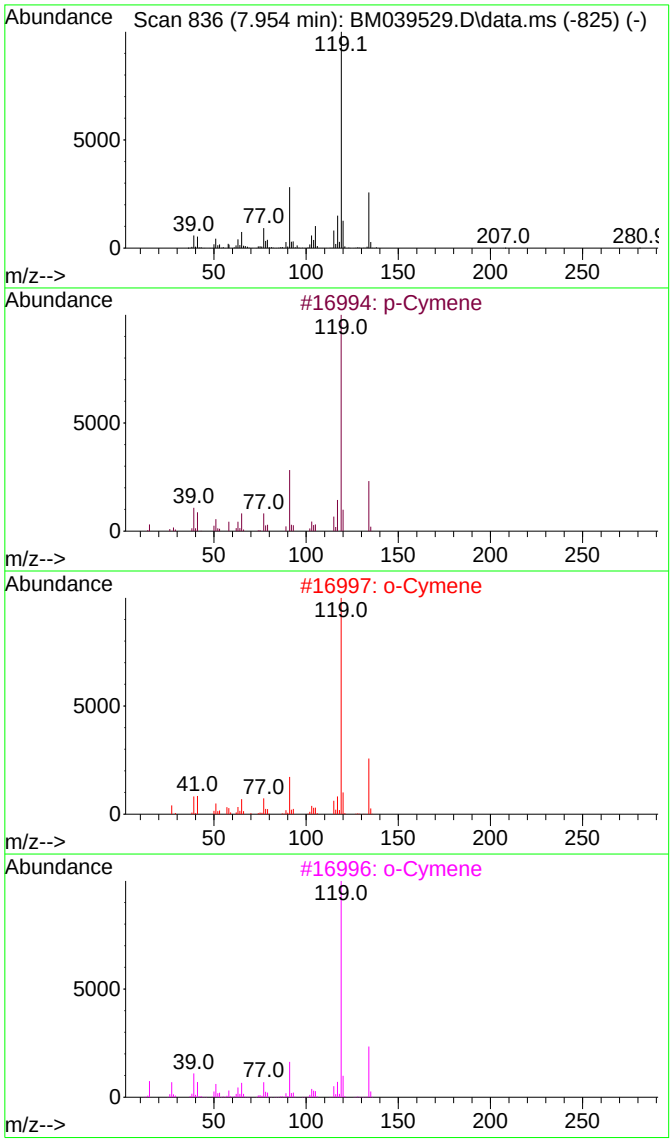
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

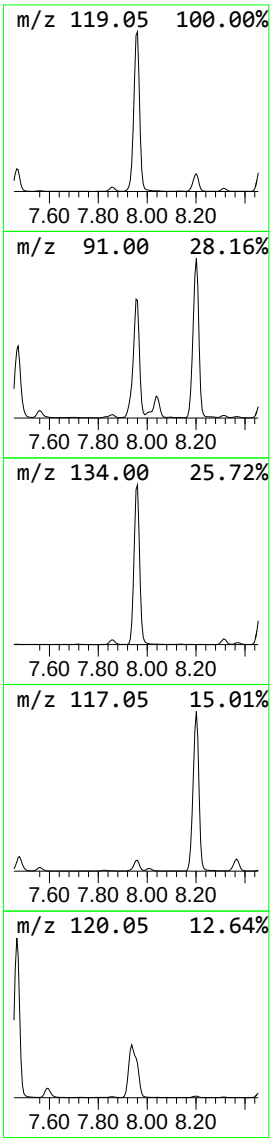
**********

Peak Number 10 p-Cymene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.954 | 166.49 ng/ul | 13956000 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 93 |
| 4 | p-Cymene | 134 | C10H14 | 000099-87-6 | 93 |
| 5 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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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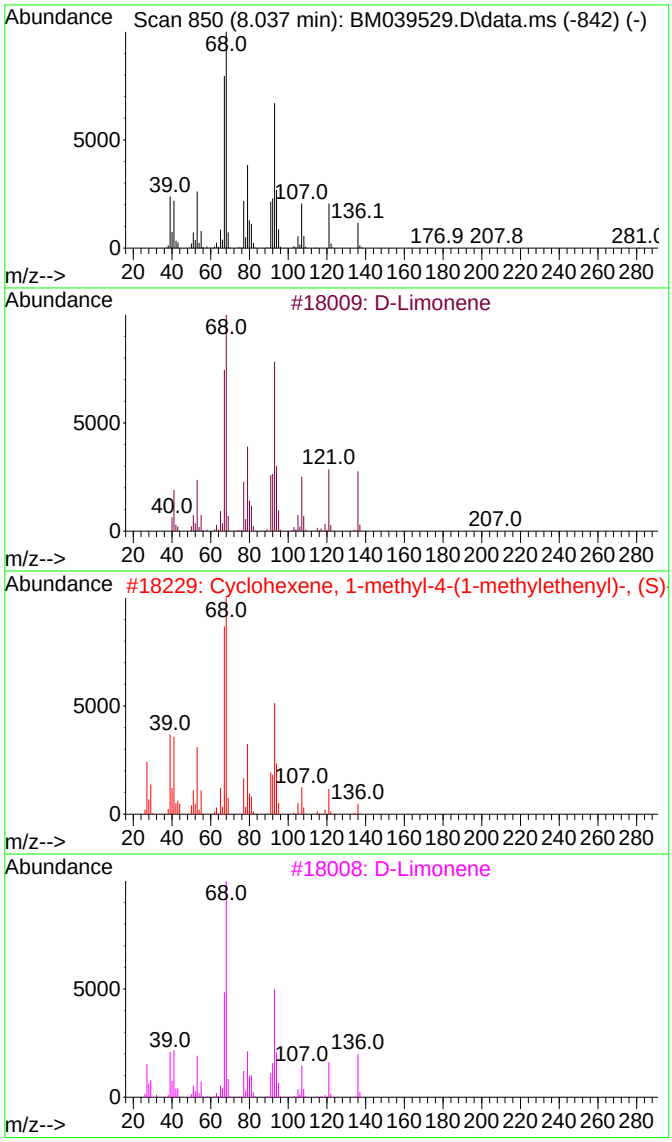
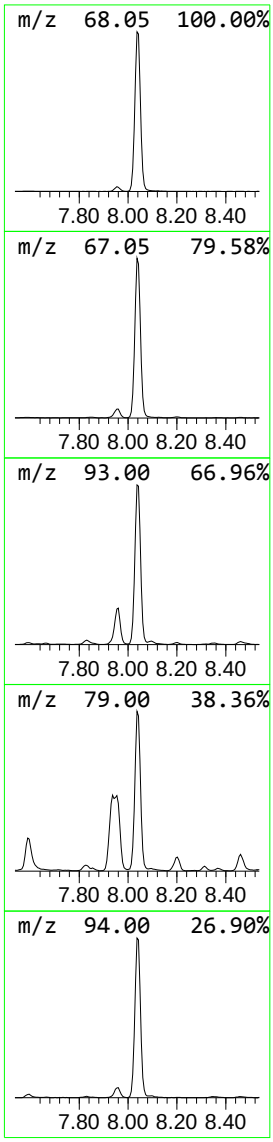
Peak Number 11 D-Limonene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.037 | 61.88 ng/ul | 5187490 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | D-Limonene | 136 | C10H16 | 005989-27-5 | 98 |
| 2 | Cyclohexene, 1-methyl-4-(1-methy... | 136 | C10H16 | 005989-54-8 | 95 |
| 3 | D-Limonene | 136 | C10H16 | 005989-27-5 | 93 |
| 4 | D-Limonene | 136 | C10H16 | 005989-27-5 | 93 |
| 5 | Limonene | 136 | C10H16 | 000138-86-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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

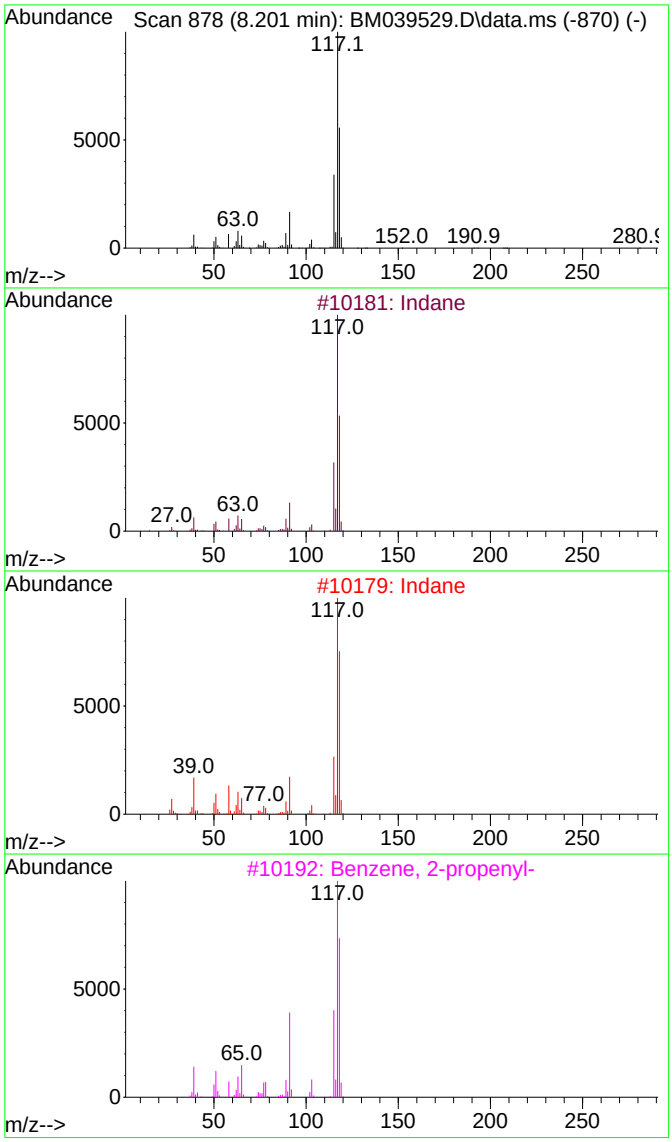
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

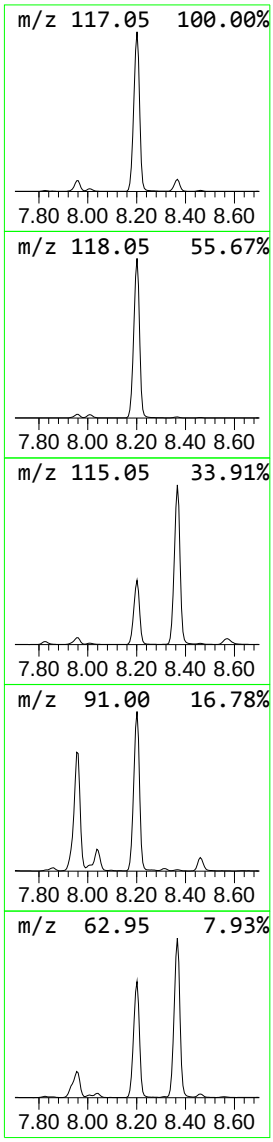
**********

Peak Number 12 Indane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.201 | 295.58 ng/ul | 24776700 | 1,4-Dichlorobenzene-d4 | 7.825 |

| 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 | Benzene, 2-propenyl- | 118 | C9H10 | 000300-57-2 | 83 |
| 4 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 80 |
| 5 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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

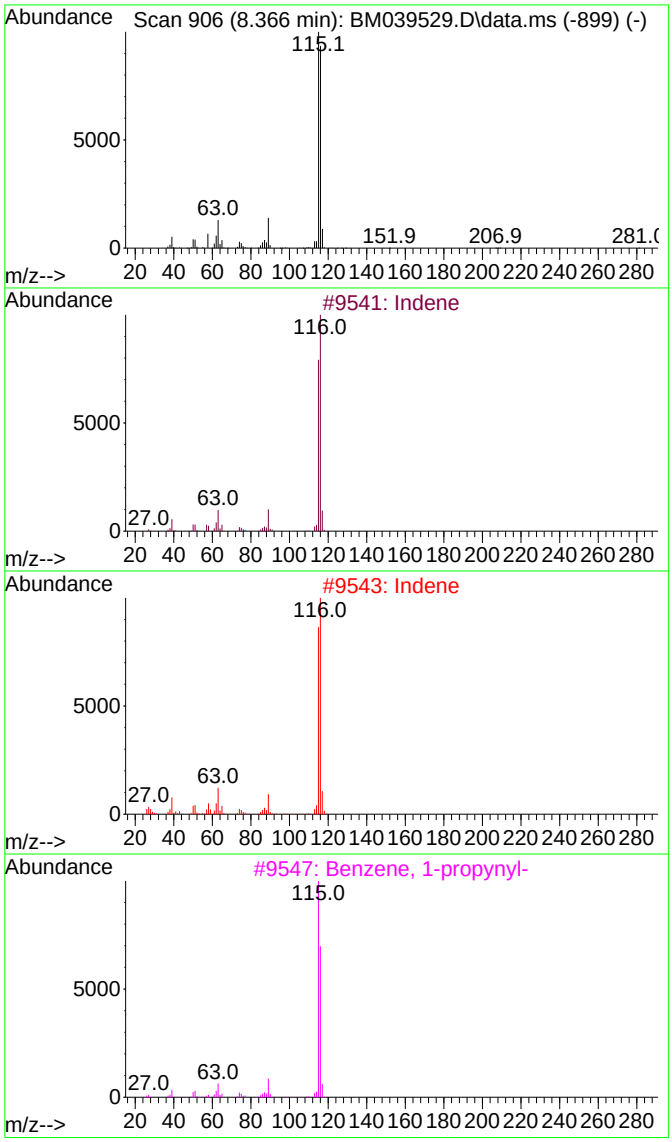
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

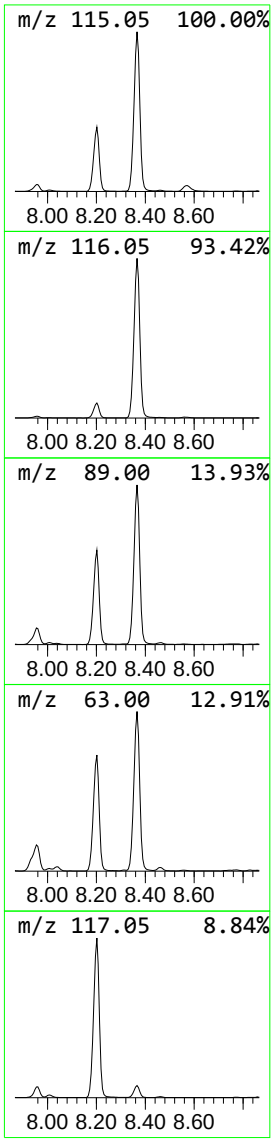
**********

Peak Number 13 Indene Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.366 | 247.71 ng/ul | 20764200 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indene | 116 | C9H8 | 000095-13-6 | 97 |
| 2 | Indene | 116 | C9H8 | 000095-13-6 | 95 |
| 3 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 94 |
| 4 | Indene | 116 | C9H8 | 000095-13-6 | 94 |
| 5 | 3-Methylphenylacetylene | 116 | C9H8 | 000766-82-5 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

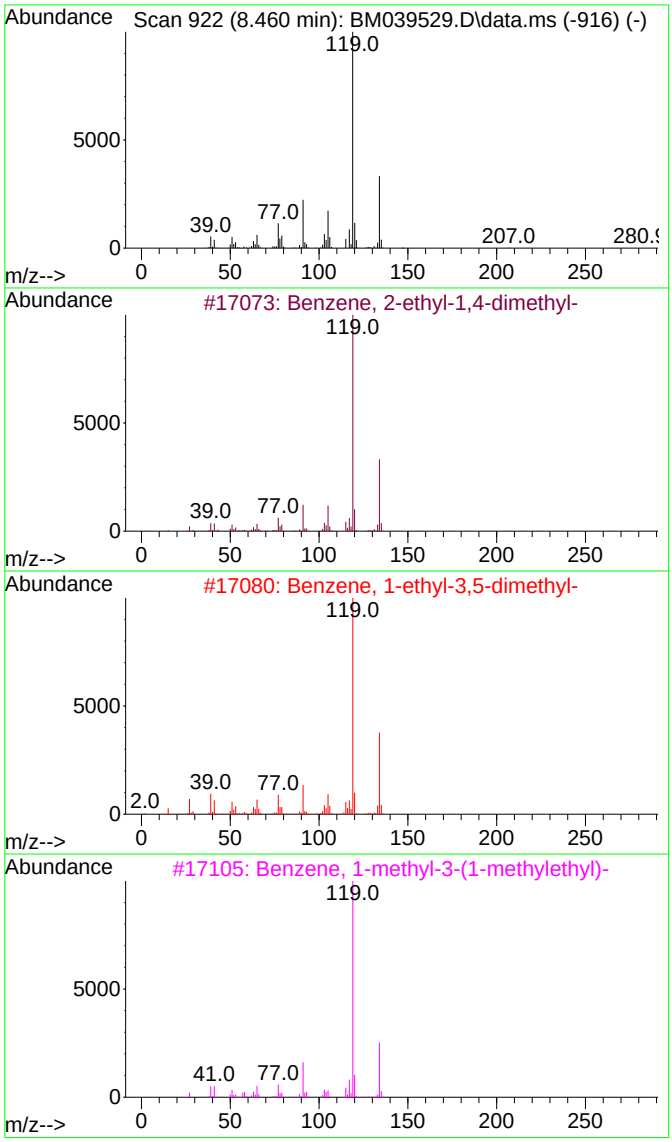
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

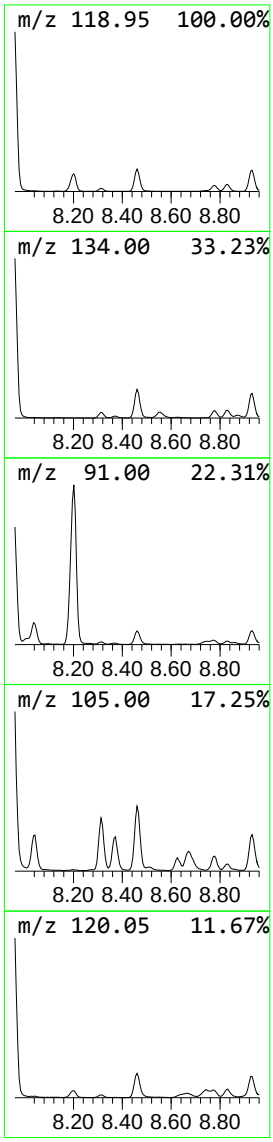
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.460 | 18.90 ng/ul | 1584690 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 2 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 94 |
| 3 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 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 : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

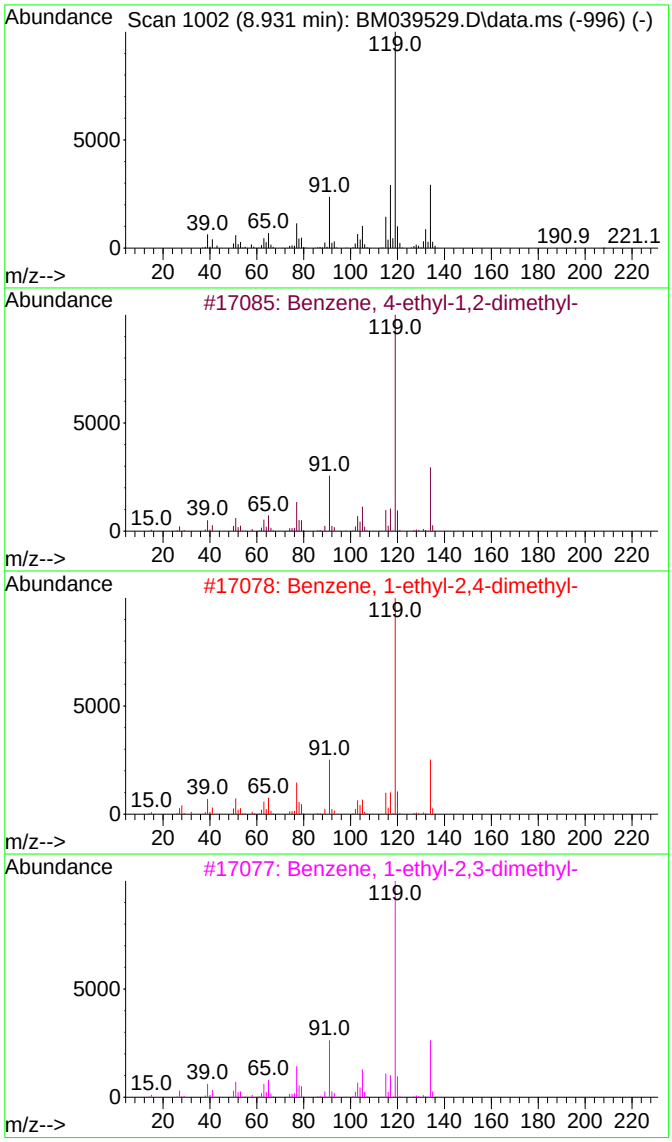
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

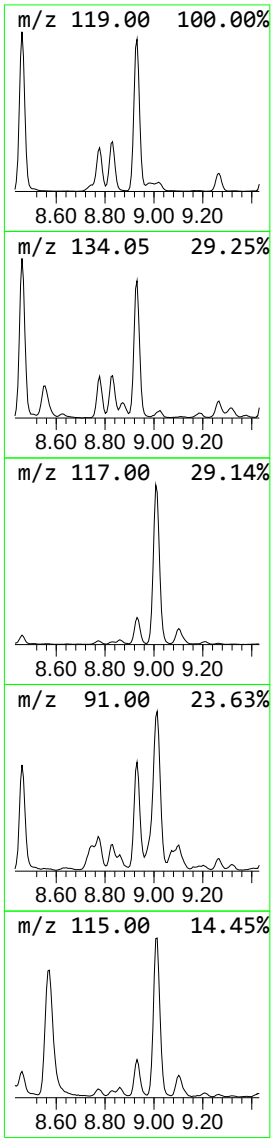
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.931 | 21.16 ng/ul | 1774070 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 94 |
| 2 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 94 |
| 3 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 91 |
| 4 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 87 |
| 5 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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

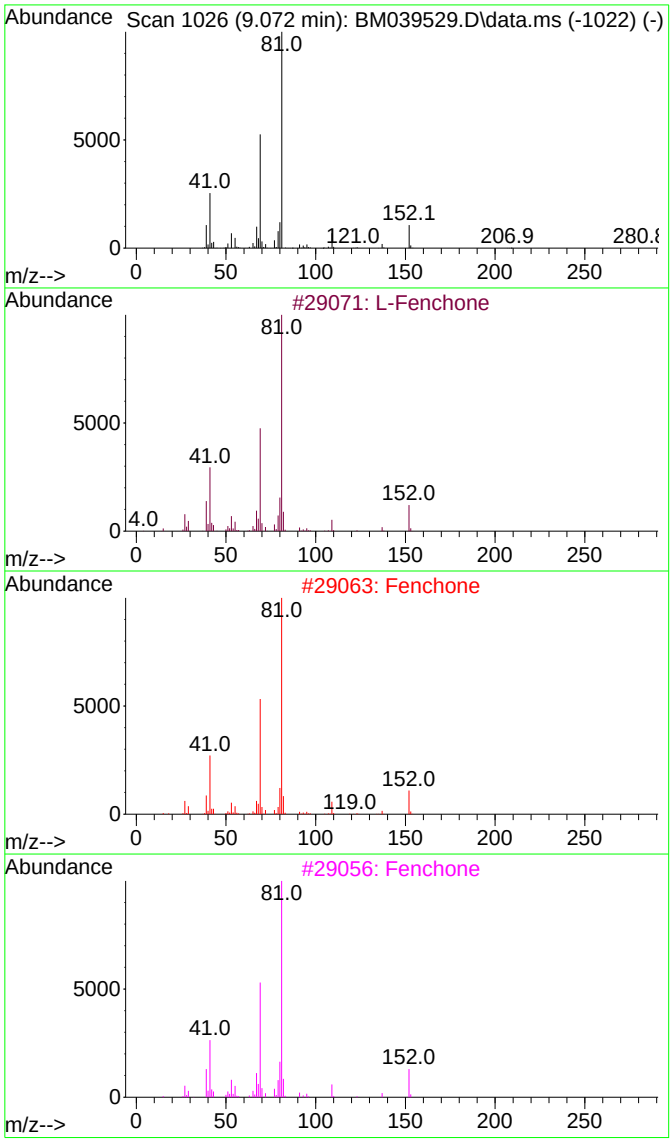
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

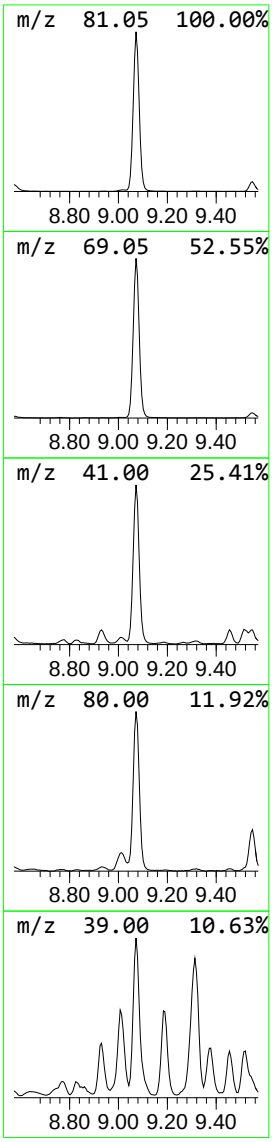
**********

Peak Number 17 L-Fenchone Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.072 | 39.43 ng/ul | 3305630 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | L-Fenchone | 152 | C10H16O | 007787-20-4 | 94 |
| 2 | Fenchone | 152 | C10H16O | 001195-79-5 | 94 |
| 3 | Fenchone | 152 | C10H16O | 001195-79-5 | 94 |
| 4 | D-Fenchone | 152 | C10H16O | 004695-62-9 | 91 |
| 5 | L-Fenchone | 152 | C10H16O | 007787-20-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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

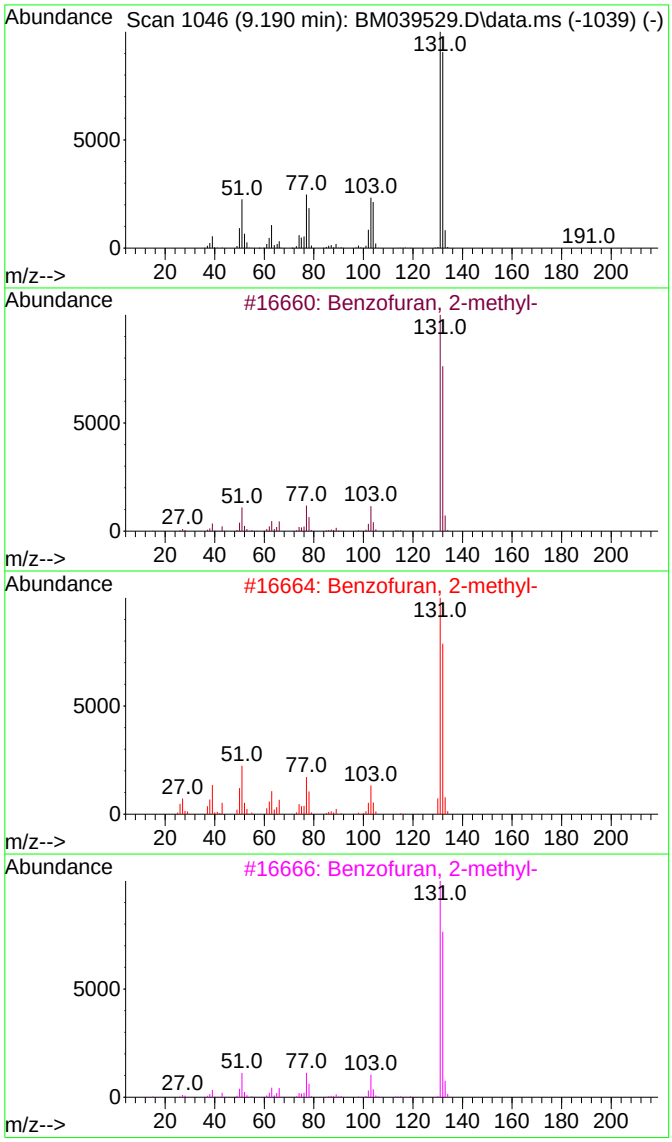
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

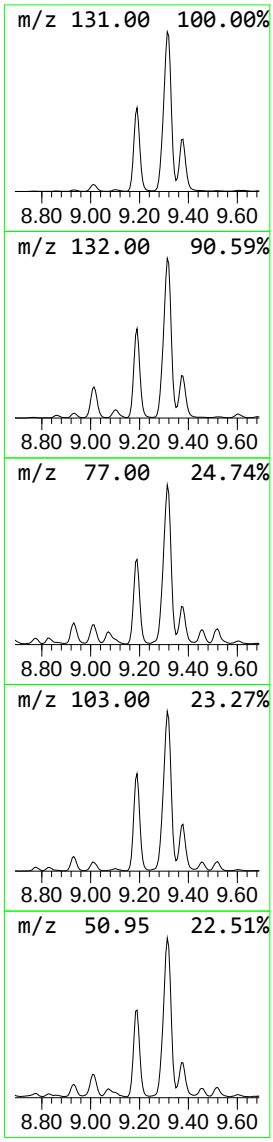
**********

Peak Number 18 Benzofuran, 2-methyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.190 | 48.34 ng/ul | 4052130 | 1,4-Dichlorobenzene-d4 | 7.825 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 2 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 3 | Benzofuran, 2-methyl- | 132 | C9H8O | 004265-25-2 | 91 |
| 4 | Cinnamaldehyde, (E)- | 132 | C9H8O | 014371-10-9 | 91 |
| 5 | 2-Propenal, 3-phenyl- | 132 | C9H8O | 000104-55-2 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

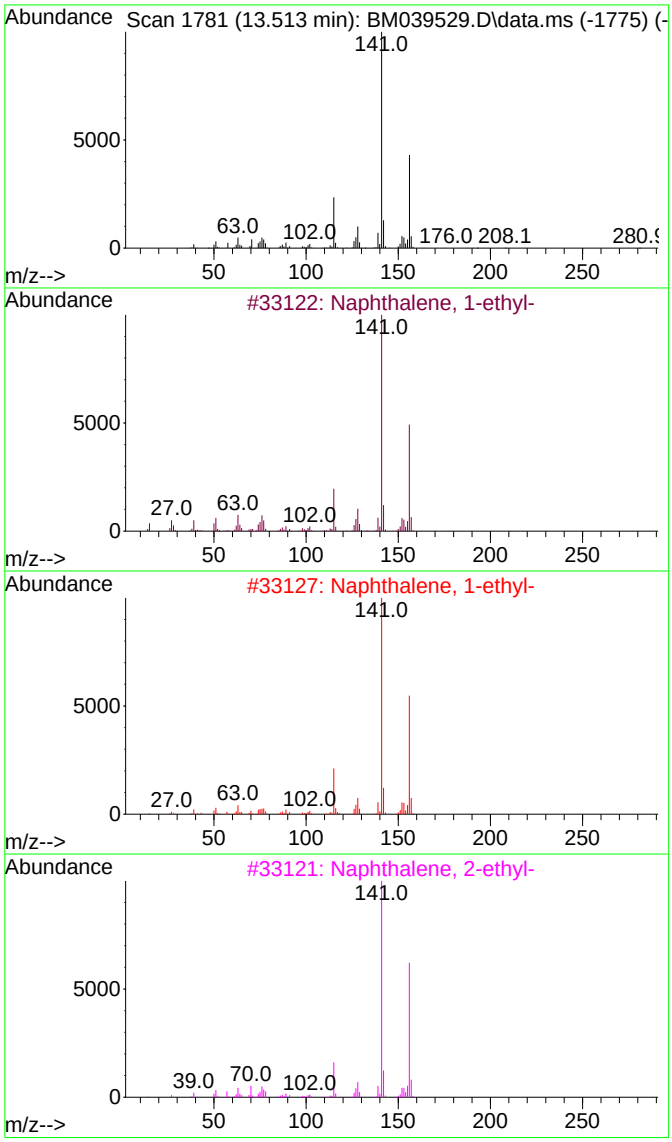
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

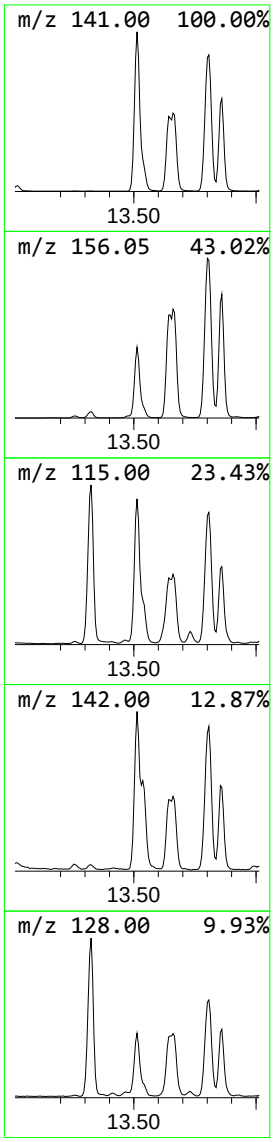
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 Naphthalene, 1-ethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.513 | 52.22 ng/ul | 5687110 | 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, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 94 |
| 3 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 94 |
| 4 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 94 |
| 5 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

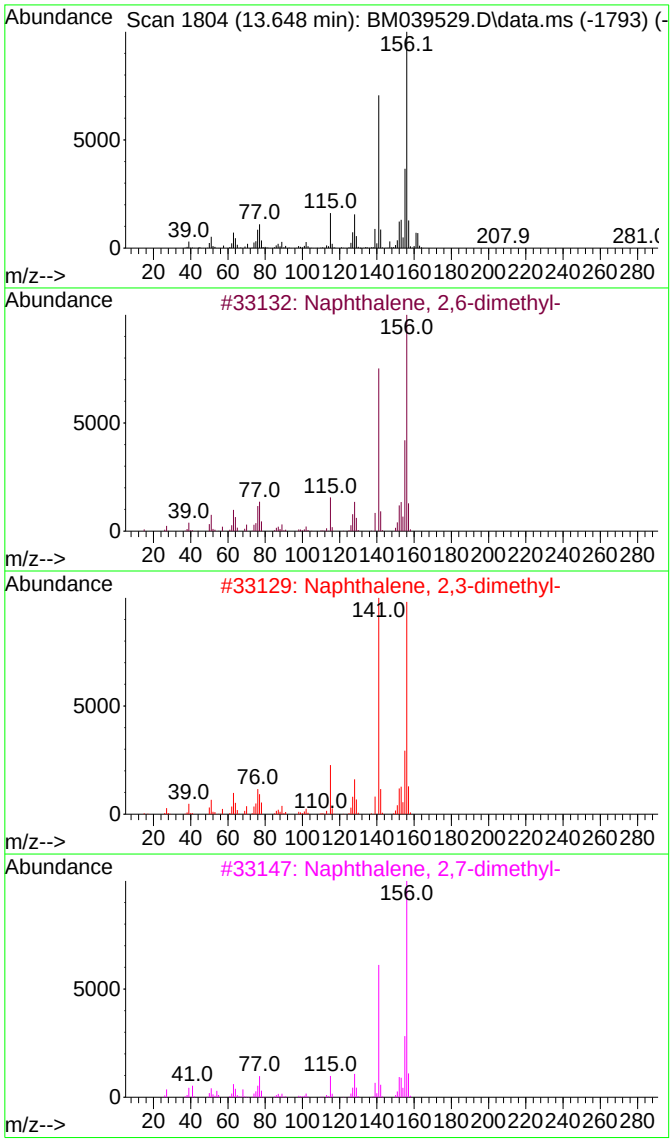
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

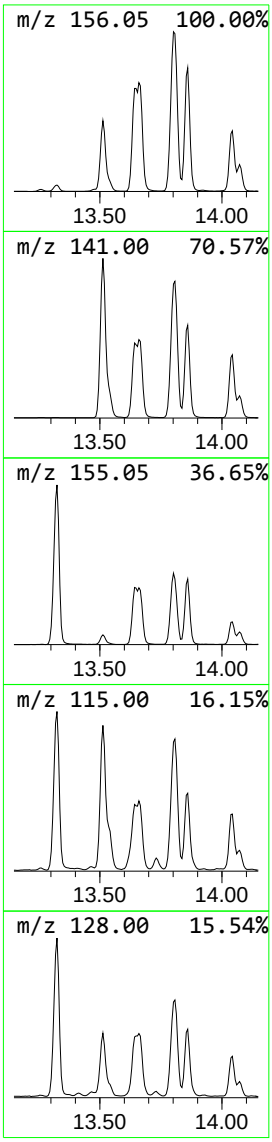
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Naphthalene, 2,6-dimethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.648 | 41.65 ng/ul | 4535960 | Acenaphthene-d10 | 14.483 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 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 : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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

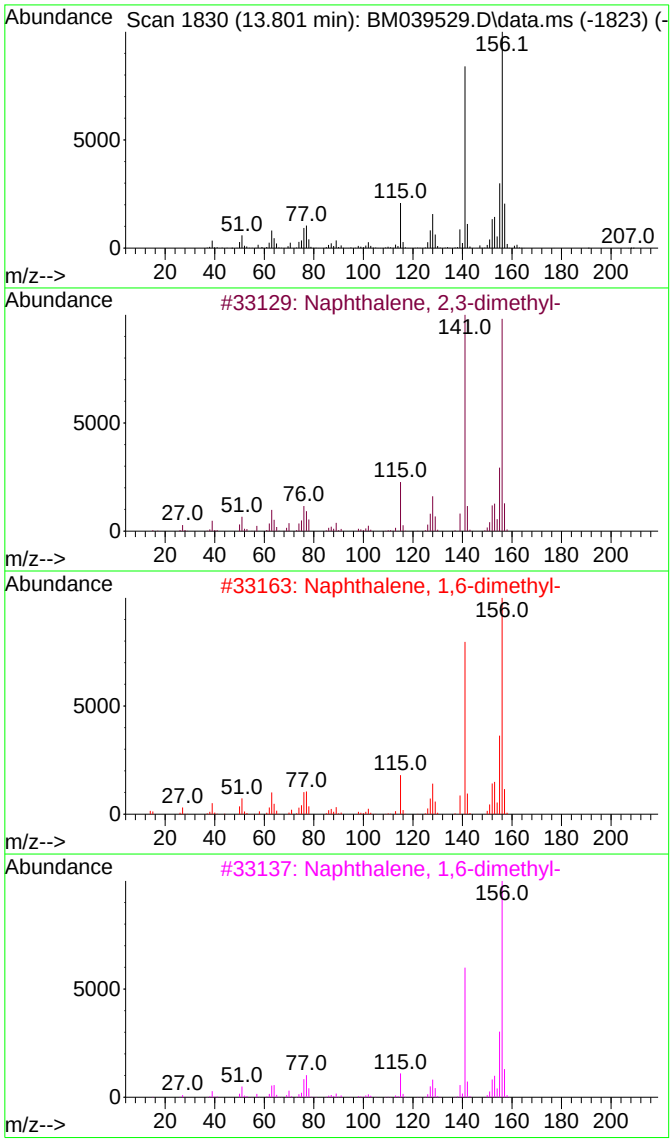
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

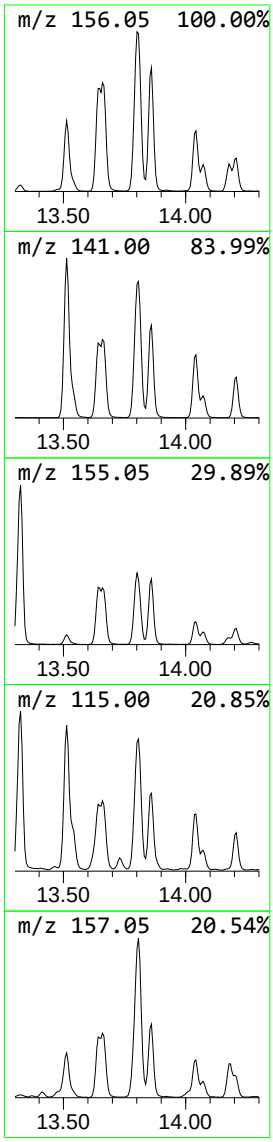
**********

Peak Number 25 Naphthalene, 2,3-dimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.801 | 79.58 ng/ul | 8666280 | Acenaphthene-d10 | 14.483 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 3 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 4 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

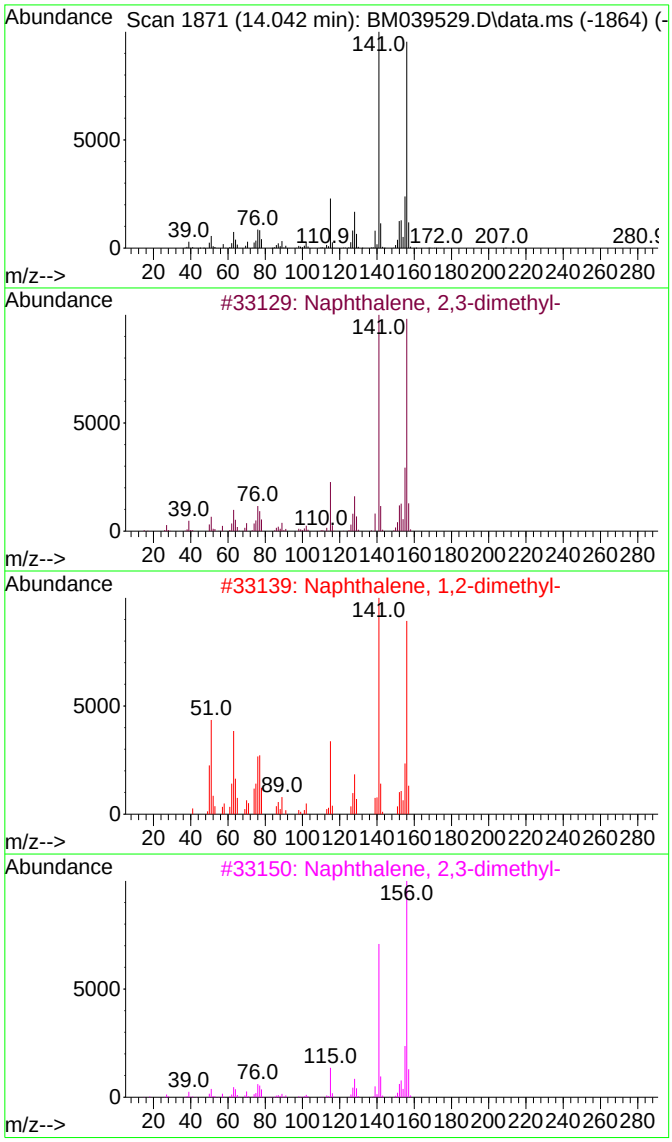
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

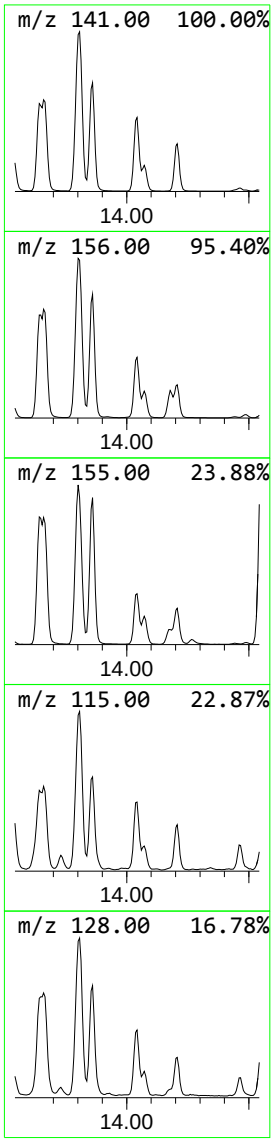
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 Naphthalene, 1,2-dimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.042 | 24.23 ng/ul | 2639060 | 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, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

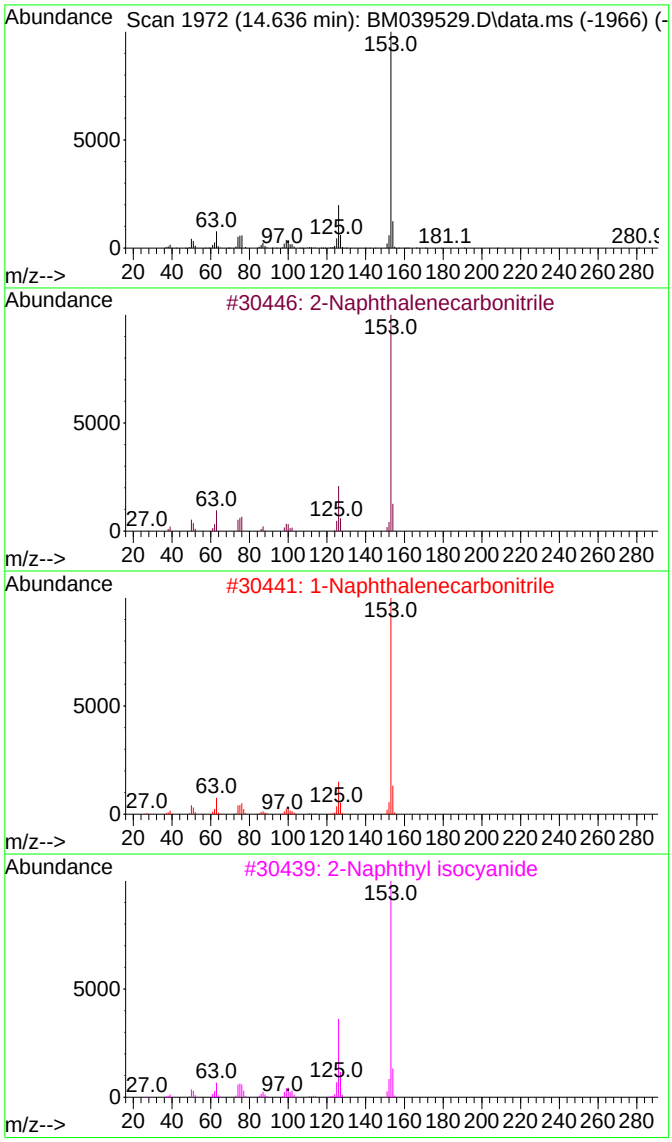
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

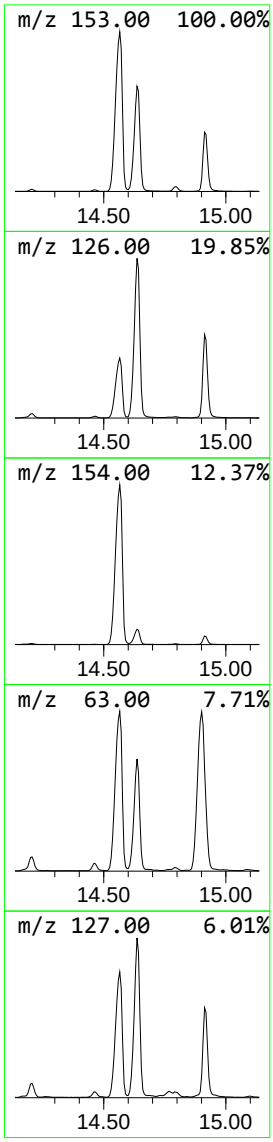
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 2-Naphthalenecarbonitrile Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.636 | 133.51 ng/ul | 14539600 | Acenaphthene-d10 | 14.483 |

| 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 | 2-Naphthyl isocyanide | 153 | C11H7N | 010124-78-4 | 94 |
| 4 | 1-Naphthalenecarbonitrile | 153 | C11H7N | 000086-53-3 | 91 |
| 5 | 1-Naphthalenecarbonitrile | 153 | C11H7N | 000086-53-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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

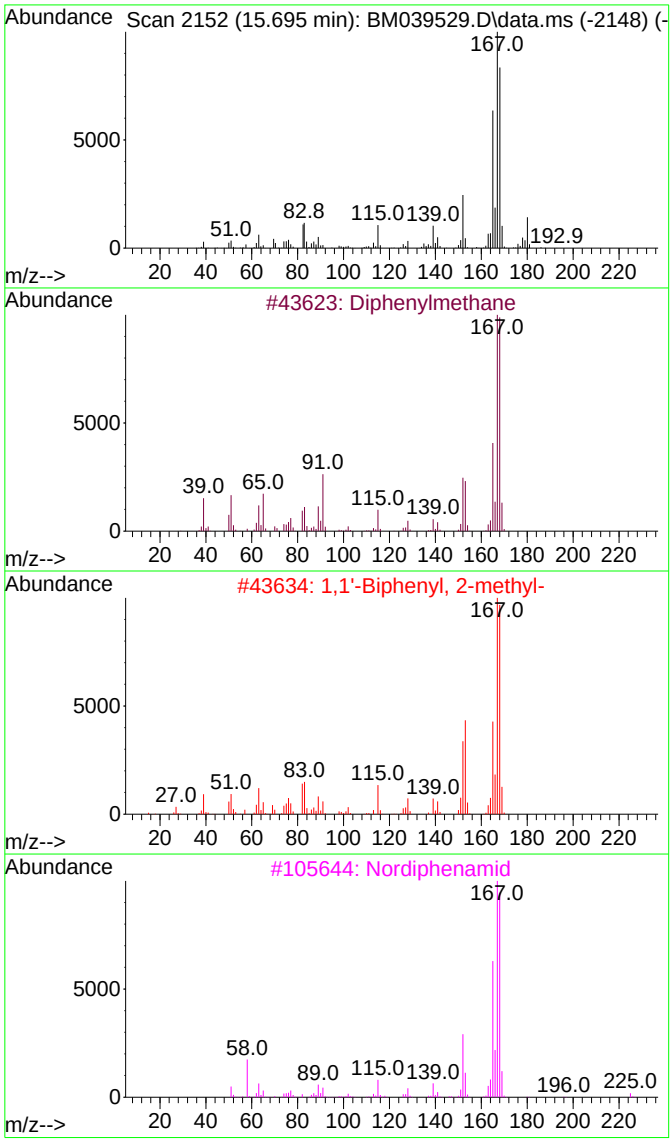
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

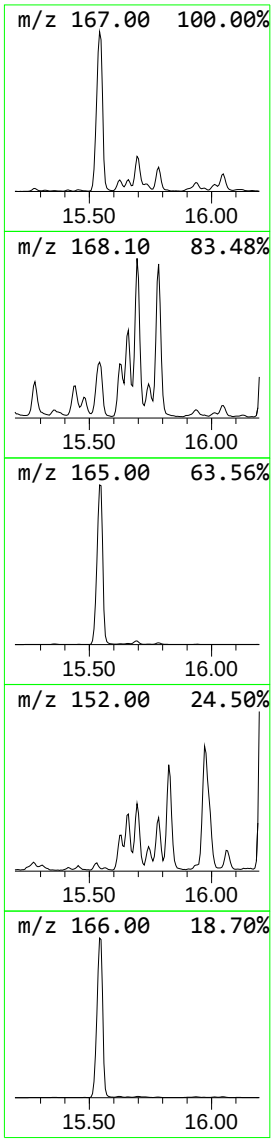
**********

Peak Number 31 Diphenylmethane Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.695 | 12.46 ng/ul | 1356880 | Acenaphthene-d10 | 14.483 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diphenylmethane | 168 | C13H12 | 000101-81-5 | 76 |
| 2 | 1,1'-Biphenyl, 2-methyl- | 168 | C13H12 | 000643-58-3 | 68 |
| 3 | Nordiphenamid | 225 | C15H15NO | 000954-21-2 | 59 |
| 4 | Diphenylmethane | 168 | C13H12 | 000101-81-5 | 59 |
| 5 | Diphenylmethane | 168 | C13H12 | 000101-81-5 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

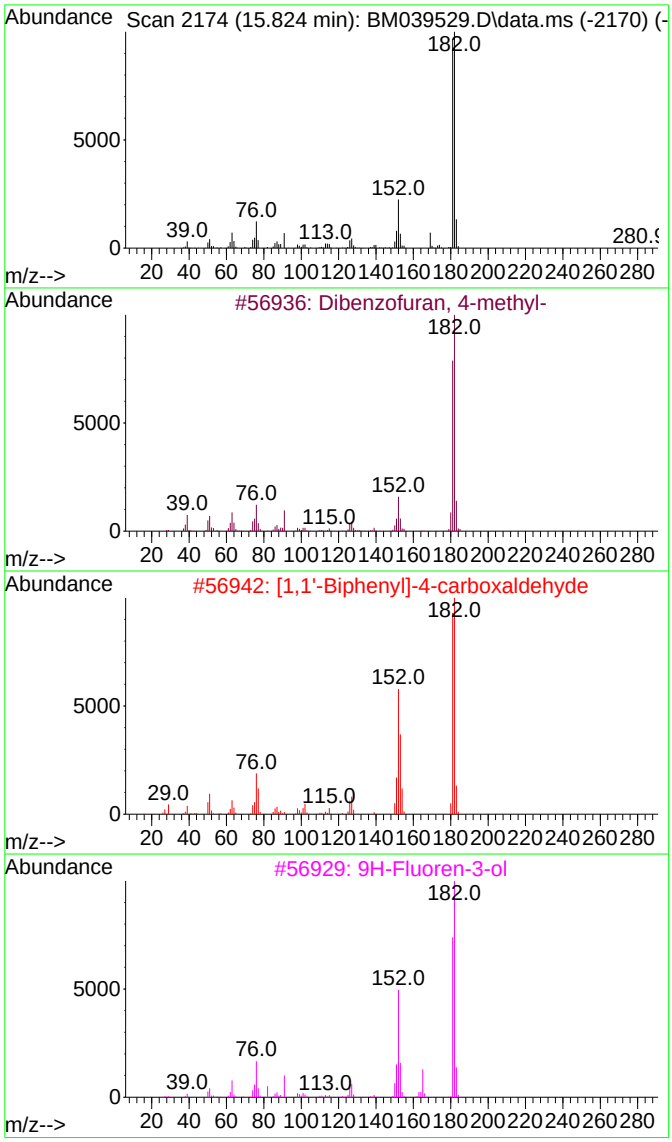
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

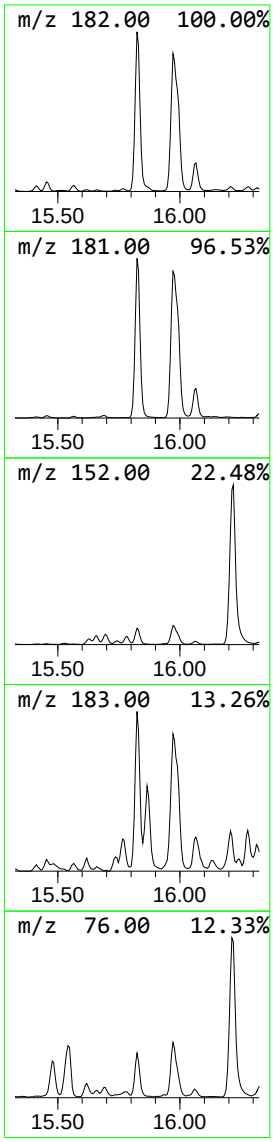
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 Dibenzofuran, 4-methyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.825 | 13.94 ng/ul | 1517620 | Acenaphthene-d10 | 14.483 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 94 |
| 2 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 91 |
| 3 | 9H-Fluoren-3-ol | 182 | C13H10O | 006344-67-8 | 91 |
| 4 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 87 |
| 5 | 2,4,6-Cycloheptatrien-1-one, 2-p... | 182 | C13H10O | 014562-09-5 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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

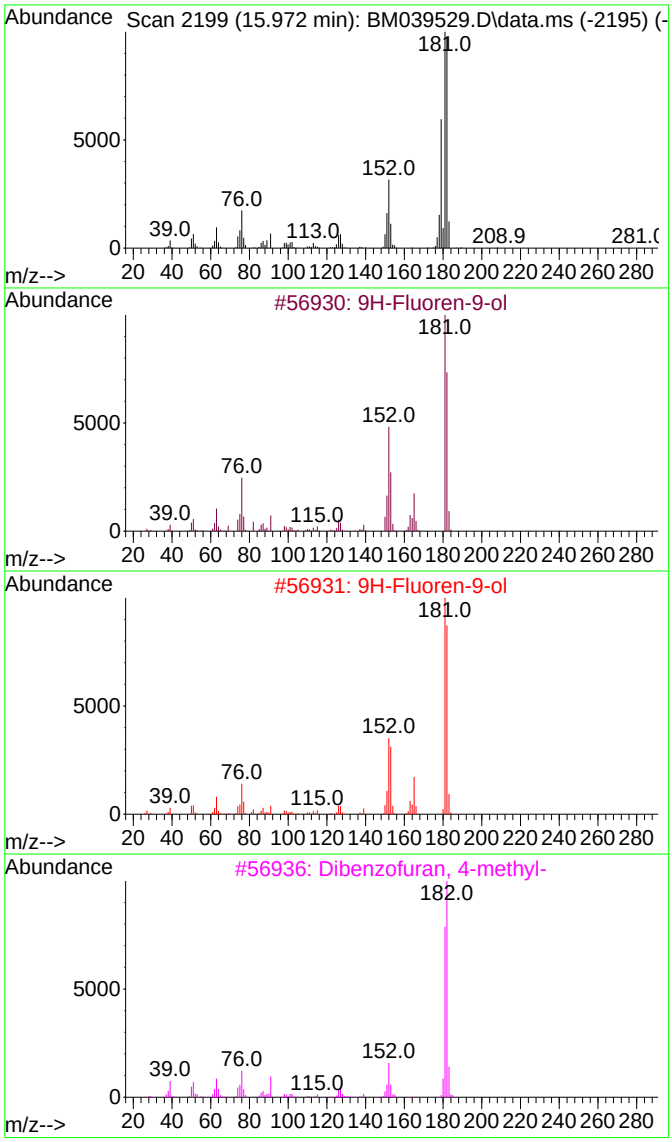
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

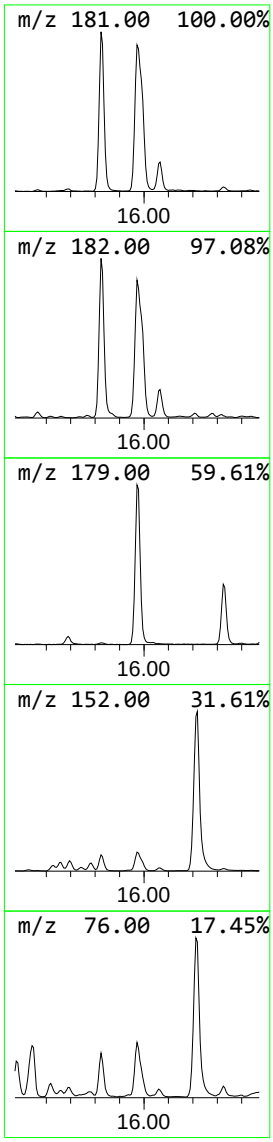
**********

Peak Number 34 9H-Fluoren-9-ol Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.972 | 18.29 ng/ul | 2787260 | Phenanthrene-d10 | 17.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 68 |
| 2 | 9H-Fluoren-9-ol | 182 | C13H10O | 001689-64-1 | 68 |
| 3 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 64 |
| 4 | 9H-Fluoren-3-ol | 182 | C13H10O | 006344-67-8 | 58 |
| 5 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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

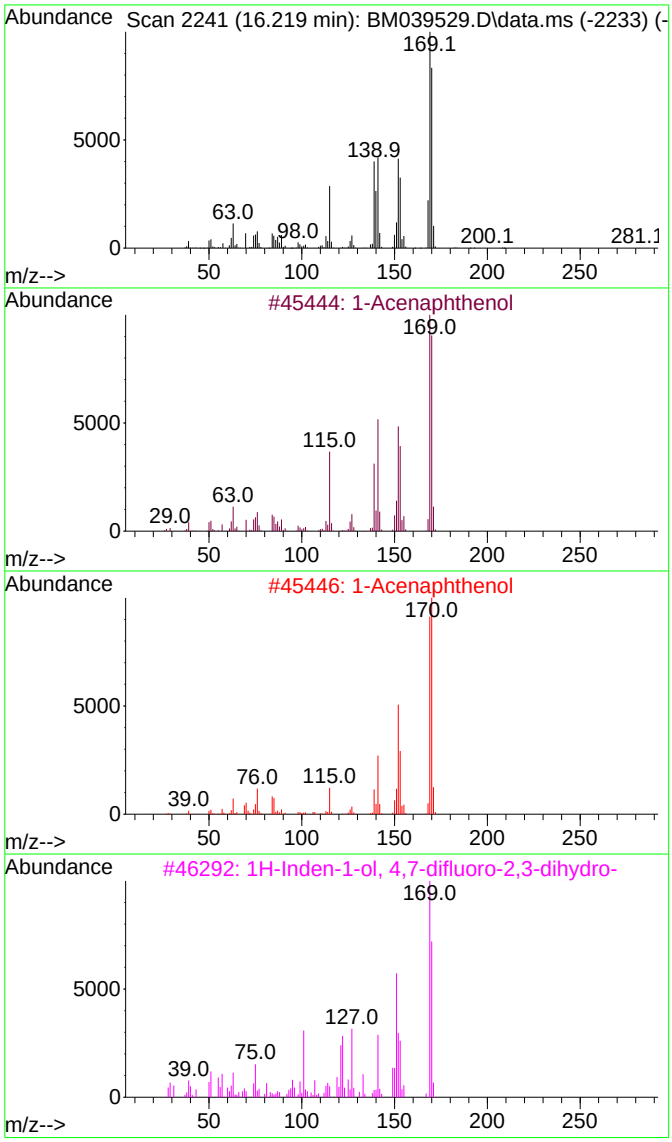
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

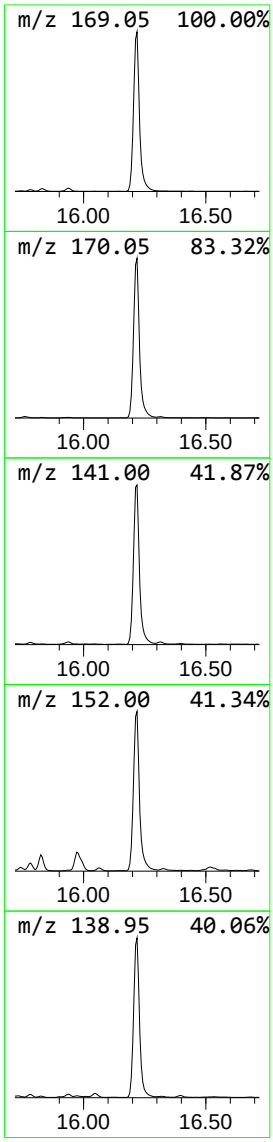
**********

Peak Number 36 1-Acenaphthenol Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.219 | 122.70 ng/ul | 18695700 | Phenanthrene-d10 | 17.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Acenaphthenol | 170 | C12H10O | 006306-07-6 | 96 |
| 2 | 1-Acenaphthenol | 170 | C12H10O | 006306-07-6 | 89 |
| 3 | 1H-Inden-1-ol, 4,7-difluoro-2,3-... | 170 | C9H8F2O | 130408-17-2 | 68 |
| 4 | 1-Acenaphthenol | 170 | C12H10O | 006306-07-6 | 64 |
| 5 | o-Hydroxybiphenyl | 170 | C12H10O | 000090-43-7 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

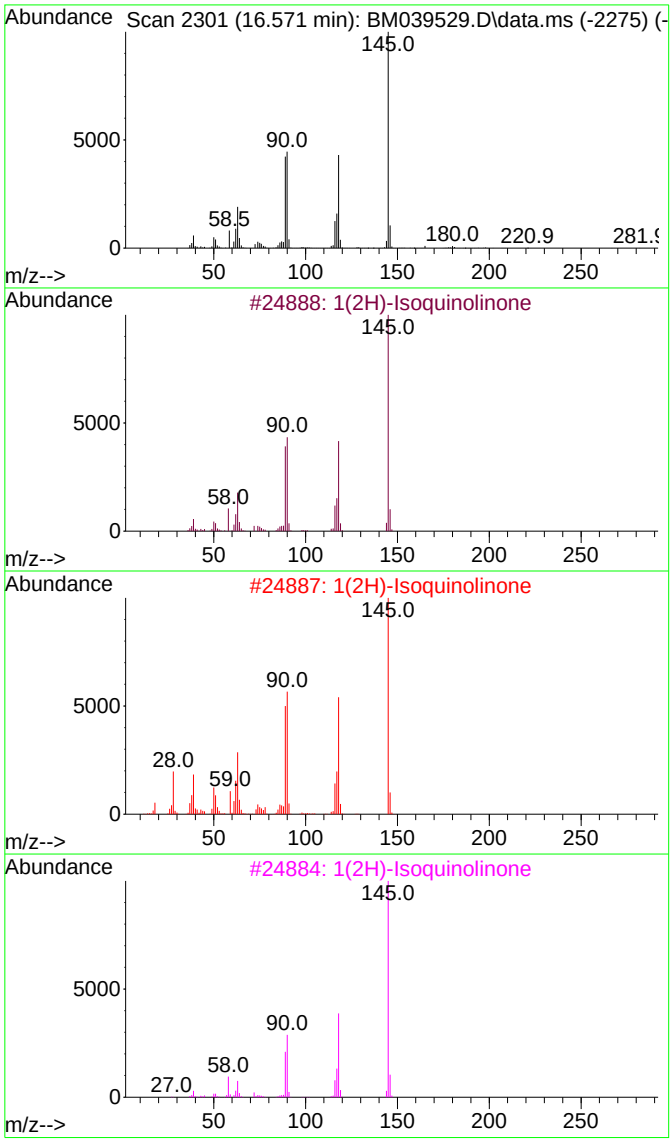
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

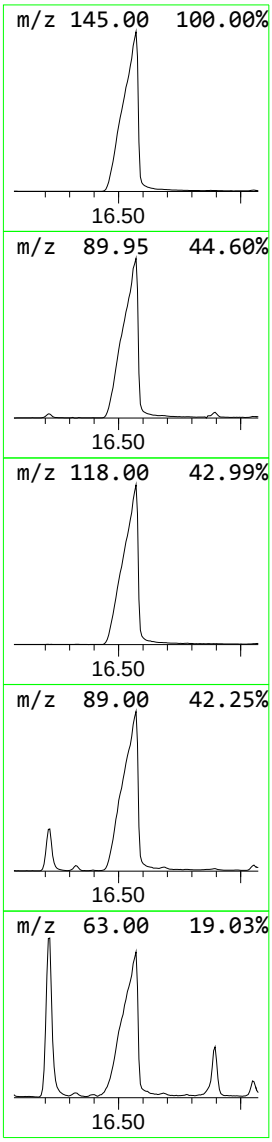
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 38 1(2H)-Isoquinolinone Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.572 | 115.57 ng/ul | 17609400 | Phenanthrene-d10 | 17.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1(2H)-Isoquinolinone | 145 | C9H7NO | 000491-30-5 | 98 |
| 2 | 1(2H)-Isoquinolinone | 145 | C9H7NO | 000491-30-5 | 96 |
| 3 | 1(2H)-Isoquinolinone | 145 | C9H7NO | 000491-30-5 | 91 |
| 4 | 3-Quinolinol | 145 | C9H7NO | 000580-18-7 | 81 |
| 5 | 3-isoquinolinecarboxylic acid, 2... | 189 | C10H7NO3 | 1000400-18-8 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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

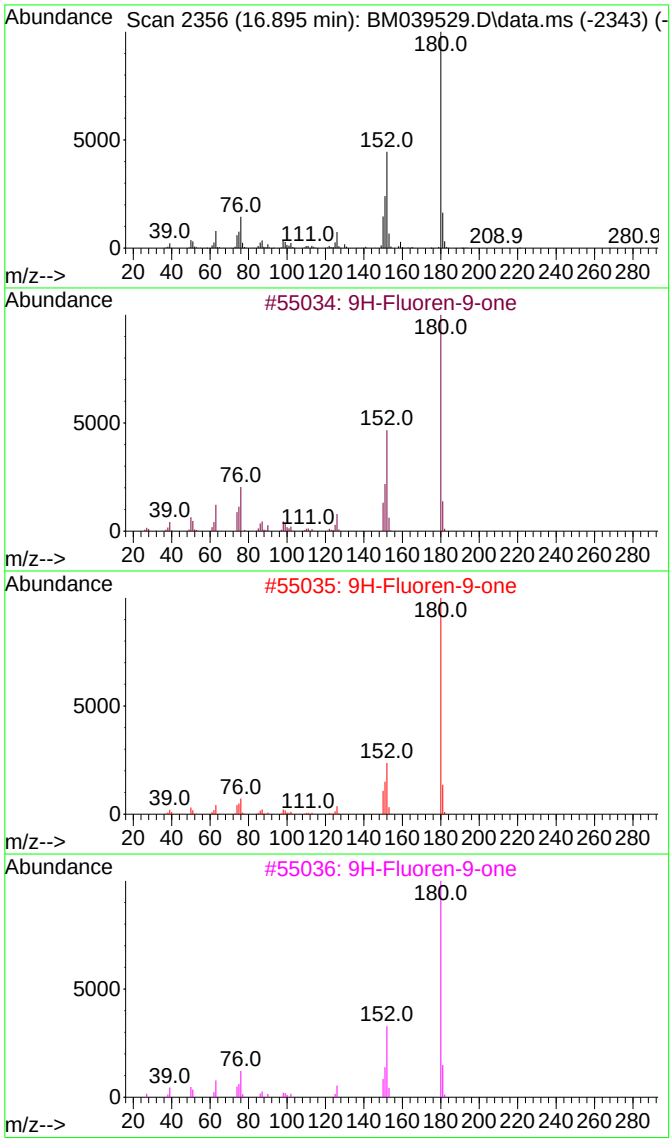
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

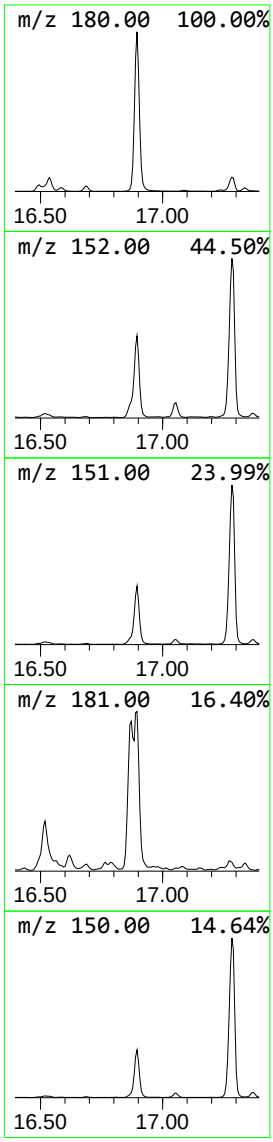
**********

Peak Number 39 9H-Fluoren-9-one Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.895 | 29.29 ng/ul | 4463470 | Phenanthrene-d10 | 17.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 96 |
| 2 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 95 |
| 3 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 95 |
| 4 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 94 |
| 5 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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

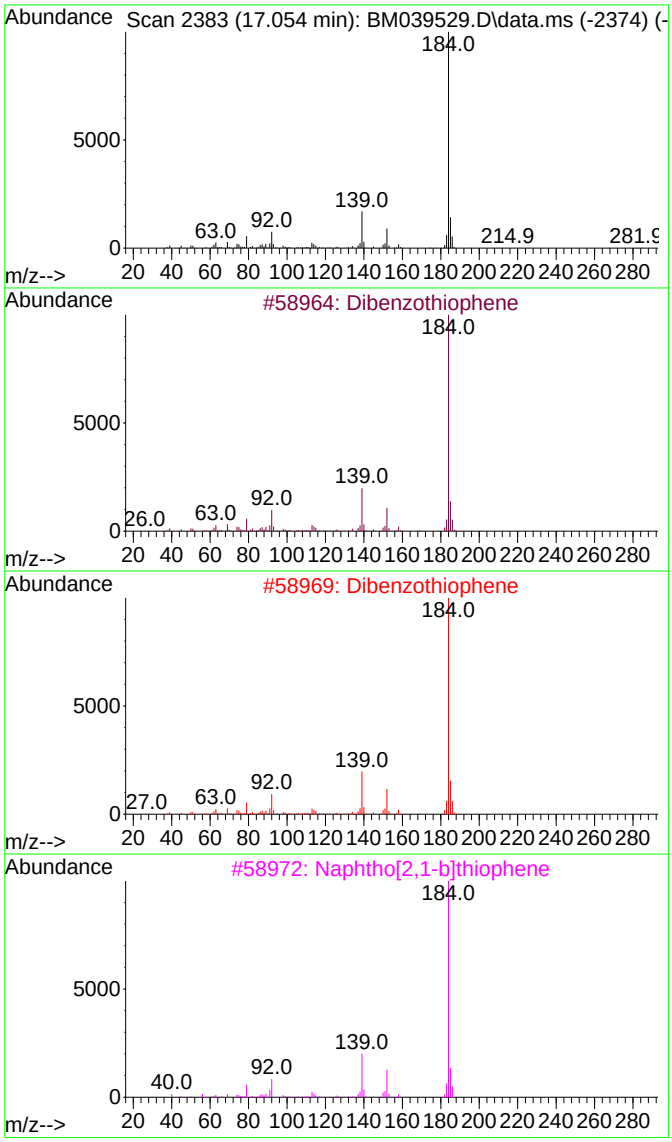
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

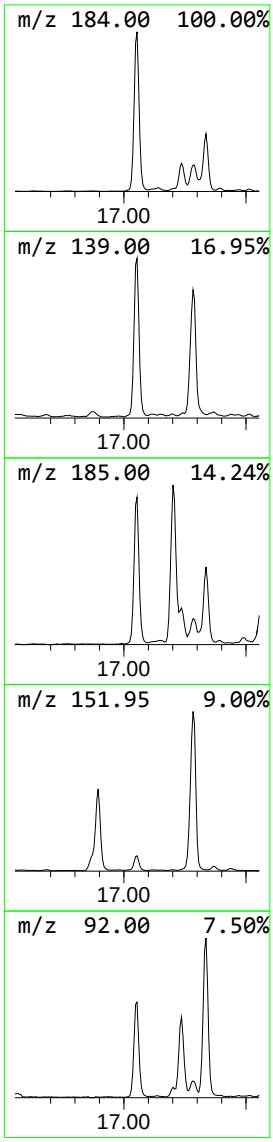
**********

Peak Number 40 Dibenzothiophene Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.054 | 16.75 ng/ul | 2551500 | Phenanthrene-d10 | 17.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 2 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 97 |
| 3 | Naphtho[2,1-b]thiophene | 184 | C12H8S | 000233-02-3 | 97 |
| 4 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 95 |
| 5 | Dibenzothiophene | 184 | C12H8S | 000132-65-0 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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

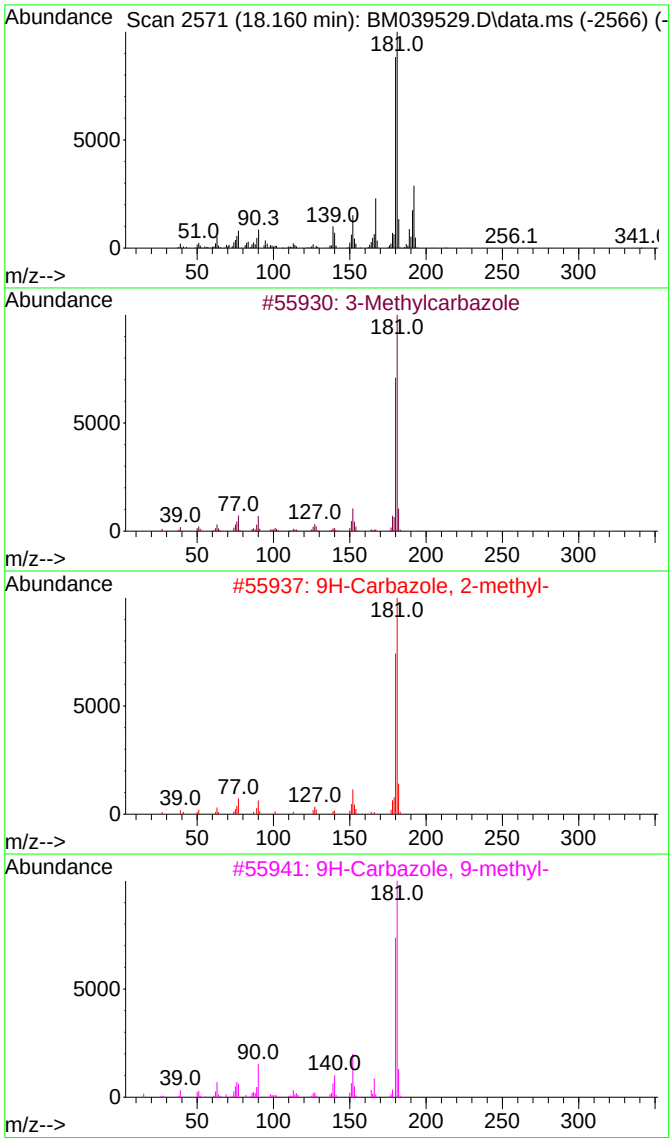
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

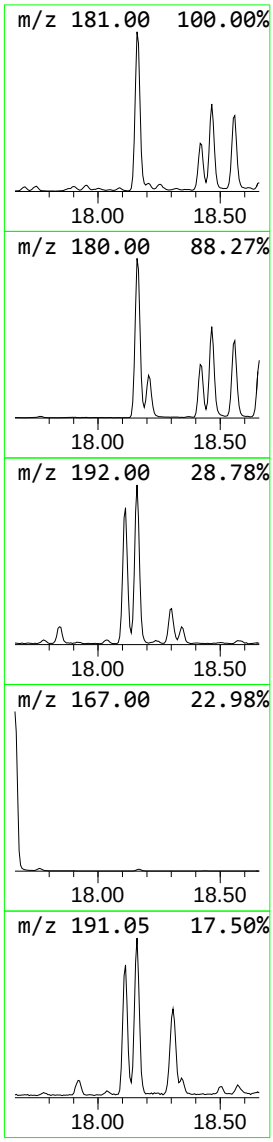
**********

Peak Number 44 3-Methylcarbazole Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.160 | 12.88 ng/ul | 1961970 | Phenanthrene-d10 | 17.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 93 |
| 2 | 9H-Carbazole, 2-methyl- | 181 | C13H11N | 003652-91-3 | 92 |
| 3 | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 92 |
| 4 | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 87 |
| 5 | 4-Methylcarbazole | 181 | C13H11N | 003770-48-7 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

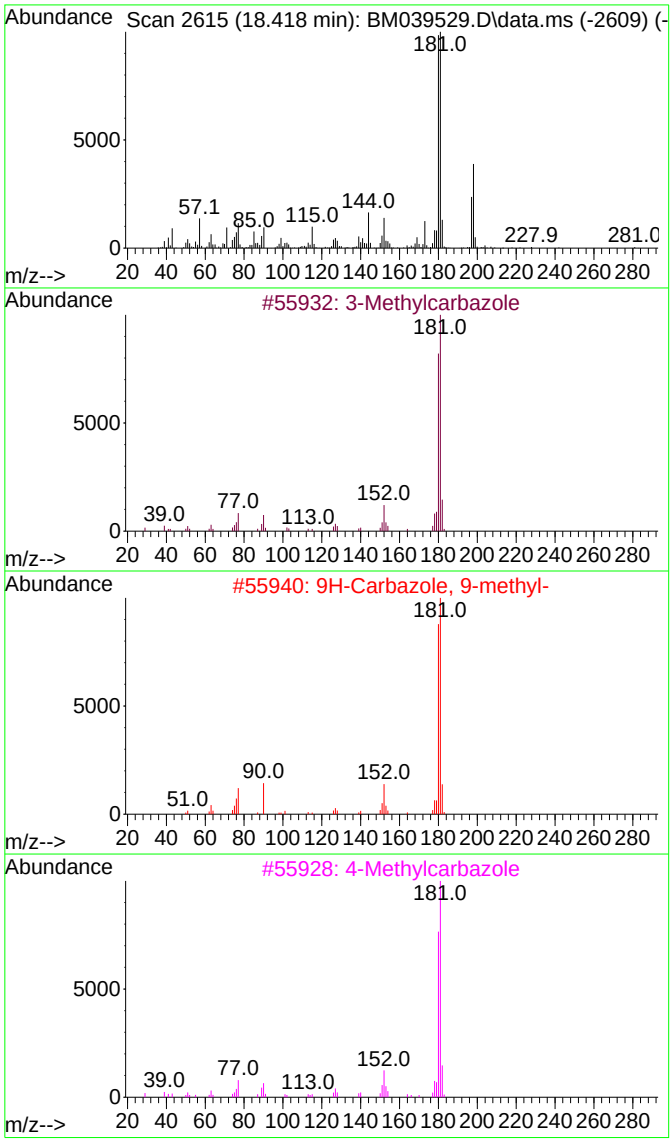
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION

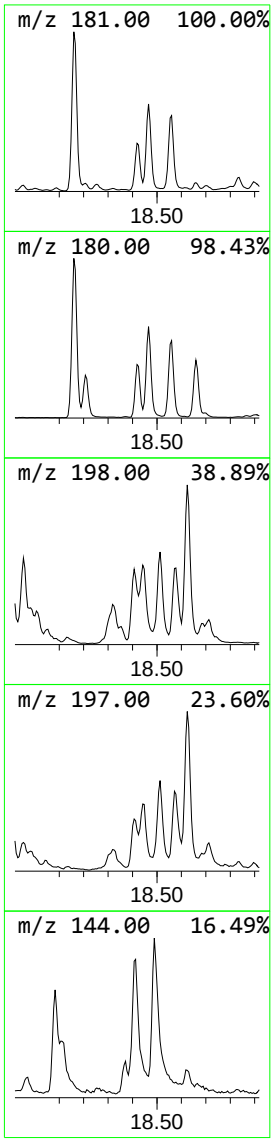
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 46 9H-Carbazole, 9-methyl- Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.418 | 5.57 ng/ul | 848248 | Phenanthrene-d10 | 17.236 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 96 |
| 2 | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 93 |
| 3 | 4-Methylcarbazole | 181 | C13H11N | 003770-48-7 | 92 |
| 4 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 87 |
| 5 | 1-Methylcarbazole | 181 | C13H11N | 006510-65-2 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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

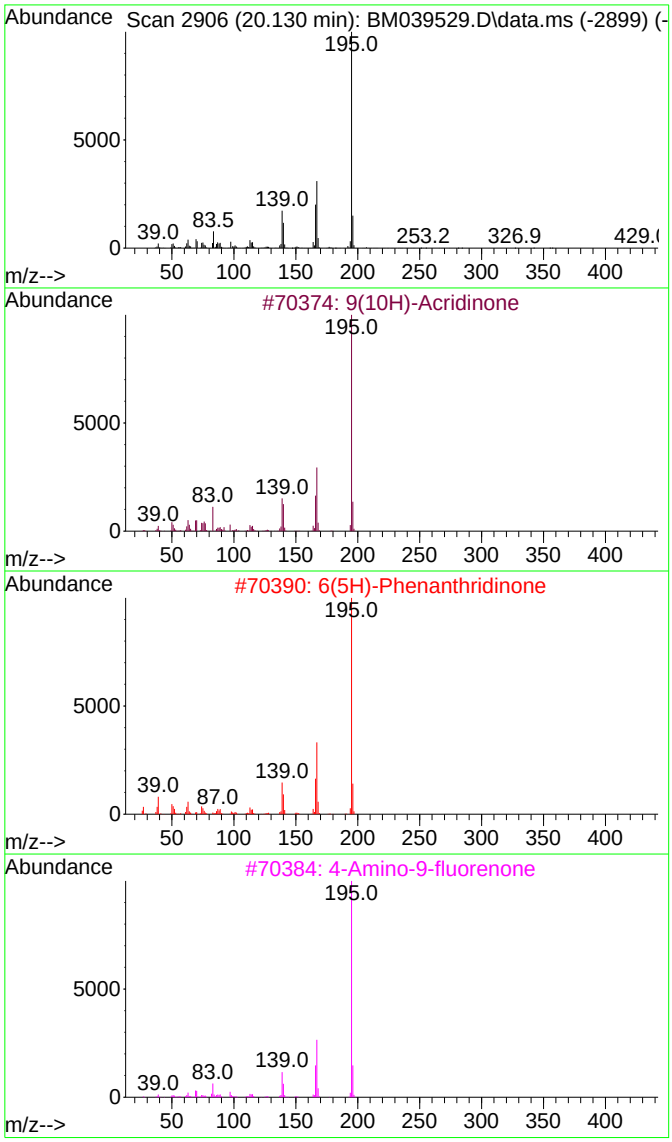
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

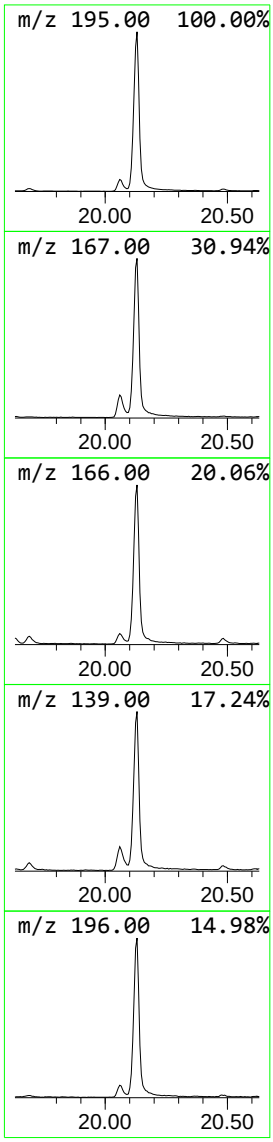
**********

Peak Number 51 9(10H)-Acridinone Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.130 | 29.61 ng/ul | 3659720 | Chrysene-d12 | 21.424 |

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



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
Data File : BM039529.D
Acq On : 20 Apr 2023 17:48
Operator : CG/JU
Sample : 02296-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCBN4

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 |
| Benzene, 1,3-di... | 5.443 | 13.9 | ng/ul | 1162090 | 1 | 7.825 | 1676500 | 20.0 |
| .alpha.-Pinene | 6.484 | 40.9 | ng/ul | 3428920 | 1 | 7.825 | 1676500 | 20.0 |
| Camphene | 6.790 | 17.4 | ng/ul | 1460580 | 1 | 7.825 | 1676500 | 20.0 |
| Benzene, 1-ethy... | 6.902 | 49.7 | ng/ul | 4168000 | 1 | 7.825 | 1676500 | 20.0 |
| Benzene, 1-ethy... | 6.960 | 22.9 | ng/ul | 1921090 | 1 | 7.825 | 1676500 | 20.0 |
| Mesitylene | 7.466 | 167.6 | ng/ul | 14050600 | 1 | 7.825 | 1676500 | 20.0 |
| Benzene, 1-ethe... | 7.560 | 9.4 | ng/ul | 791074 | 1 | 7.825 | 1676500 | 20.0 |
| p-Cymene | 7.954 | 166.5 | ng/ul | 13956000 | 1 | 7.825 | 1676500 | 20.0 |
| D-Limonene | 8.037 | 61.9 | ng/ul | 5187490 | 1 | 7.825 | 1676500 | 20.0 |
| Indane | 8.201 | 295.6 | ng/ul | 24776700 | 1 | 7.825 | 1676500 | 20.0 |
| Indene | 8.366 | 247.7 | ng/ul | 20764200 | 1 | 7.825 | 1676500 | 20.0 |
| Benzene, 2-ethy... | 8.460 | 18.9 | ng/ul | 1584690 | 1 | 7.825 | 1676500 | 20.0 |
| Benzene, 4-ethy... | 8.931 | 21.2 | ng/ul | 1774070 | 1 | 7.825 | 1676500 | 20.0 |
| L-Fenchone | 9.072 | 39.4 | ng/ul | 3305630 | 1 | 7.825 | 1676500 | 20.0 |
| Benzofuran, 2-m... | 9.190 | 48.3 | ng/ul | 4052130 | 1 | 7.825 | 1676500 | 20.0 |
| Naphthalene, 1-... | 13.513 | 52.2 | ng/ul | 5687110 | 3 | 14.483 | 2178050 | 20.0 |
| Naphthalene, 2,... | 13.648 | 41.6 | ng/ul | 4535960 | 3 | 14.483 | 2178050 | 20.0 |
| Naphthalene, 2,... | 13.801 | 79.6 | ng/ul | 8666280 | 3 | 14.483 | 2178050 | 20.0 |
| Naphthalene, 1,... | 14.042 | 24.2 | ng/ul | 2639060 | 3 | 14.483 | 2178050 | 20.0 |
| 2-Naphthaleneca... | 14.636 | 133.5 | ng/ul | 14539600 | 3 | 14.483 | 2178050 | 20.0 |
| Diphenylmethane | 15.695 | 12.5 | ng/ul | 1356880 | 3 | 14.483 | 2178050 | 20.0 |
| Dibenzofuran, 4... | 15.825 | 13.9 | ng/ul | 1517620 | 3 | 14.483 | 2178050 | 20.0 |
| 9H-Fluoren-9-ol | 15.972 | 18.3 | ng/ul | 2787260 | 4 | 17.236 | 3047290 | 20.0 |
| 1-Acenaphthenol | 16.219 | 122.7 | ng/ul | 18695700 | 4 | 17.236 | 3047290 | 20.0 |
| 1(2H)-Isoquinol... | 16.572 | 115.6 | ng/ul | 17609400 | 4 | 17.236 | 3047290 | 20.0 |
| 9H-Fluoren-9-one | 16.895 | 29.3 | ng/ul | 4463470 | 4 | 17.236 | 3047290 | 20.0 |
| Dibenzothiophene | 17.054 | 16.8 | ng/ul | 2551500 | 4 | 17.236 | 3047290 | 20.0 |
| 3-Methylcarbazole | 18.160 | 12.9 | ng/ul | 1961970 | 4 | 17.236 | 3047290 | 20.0 |
| 9H-Carbazole, 9... | 18.418 | 5.6 | ng/ul | 848248 | 4 | 17.236 | 3047290 | 20.0 |
| 9(10H)-Acridinone | 20.130 | 29.6 | ng/ul | 3659720 | 5 | 21.424 | 2472000 | 20.0 |