LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Title : SVOA CALIBRATION

Signal : TIC: BG051434.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.887 | 64 | 68 | 79 | rBV2 | 16126 | 34007 | 2.06% | 0.261% |
| 2 | 4.298 | 129 | 138 | 150 | rVB | 32519 | 58276 | 3.54% | 0.447% |
| 3 | 5.649 | 359 | 368 | 376 | rBV | 211034 | 344053 | 20.89% | 2.640% |
| 4 | 5.785 | 384 | 391 | 403 | rVB | 516854 | 1059872 | 64.35% | 8.134% |
| 5 | 6.161 | 449 | 455 | 469 | rVB | 196073 | 335307 | 20.36% | 2.573% |
| 6 | 6.642 | 529 | 537 | 544 | rBV | 18720 | 31778 | 1.93% | 0.244% |
| 7 | 7.142 | 615 | 622 | 631 | rBV | 14356 | 25646 | 1.56% | 0.197% |
| 8 | 7.248 | 635 | 640 | 646 | rVV | 52749 | 93288 | 5.66% | 0.716% |
| 9 | 7.312 | 646 | 651 | 656 | rVV | 22849 | 46907 | 2.85% | 0.360% |
| 10 | 7.389 | 657 | 664 | 678 | rVV | 221192 | 436663 | 26.51% | 3.351% |
| 11 | 7.506 | 678 | 684 | 689 | rVV | 23340 | 44867 | 2.72% | 0.344% |
| 12 | 7.559 | 689 | 693 | 703 | rVB | 25744 | 45475 | 2.76% | 0.349% |
| 13 | 7.723 | 709 | 721 | 731 | rBV2 | 23391 | 52805 | 3.21% | 0.405% |
| 14 | 7.817 | 731 | 737 | 743 | rVV | 112437 | 189142 | 11.48% | 1.452% |
| 15 | 7.906 | 747 | 752 | 761 | rVB2 | 12665 | 25275 | 1.53% | 0.194% |
| 16 | 8.188 | 793 | 800 | 810 | rBV | 115454 | 205229 | 12.46% | 1.575% |
| 17 | 8.293 | 810 | 818 | 826 | rVB | 41572 | 76342 | 4.64% | 0.586% |
| 18 | 8.558 | 856 | 863 | 869 | rVB | 50388 | 91015 | 5.53% | 0.699% |
| 19 | 8.652 | 873 | 879 | 886 | rBV3 | 31080 | 61142 | 3.71% | 0.469% |
| 20 | 8.728 | 886 | 892 | 899 | rVB2 | 26750 | 49179 | 2.99% | 0.377% |
| 21 | 8.816 | 901 | 907 | 913 | rBV3 | 12413 | 21474 | 1.30% | 0.165% |
| 22 | 8.922 | 917 | 925 | 929 | rVV2 | 16989 | 31869 | 1.94% | 0.245% |
| 23 | 8.987 | 929 | 936 | 939 | rVV | 38103 | 82097 | 4.98% | 0.630% |
| 24 | 9.022 | 939 | 942 | 948 | rVV2 | 35910 | 65545 | 3.98% | 0.503% |
| 25 | 9.098 | 948 | 955 | 965 | rVB | 57617 | 129281 | 7.85% | 0.992% |
| 26 | 9.186 | 965 | 970 | 977 | rVB4 | 6863 | 11788 | 0.72% | 0.090% |
| 27 | 9.286 | 982 | 987 | 992 | rBV3 | 10970 | 18016 | 1.09% | 0.138% |
| 28 | 9.369 | 998 | 1001 | 1009 | rVB | 34060 | 61930 | 3.76% | 0.475% |
| 29 | 9.568 | 1018 | 1035 | 1042 | rBV2 | 172234 | 604388 | 36.70% | 4.638% |
| 30 | 9.668 | 1050 | 1052 | 1063 | rVB7 | 10168 | 22632 | 1.37% | 0.174% |
| 31 | 9.809 | 1071 | 1076 | 1082 | rBV6 | 9367 | 19251 | 1.17% | 0.148% |
| 32 | 9.874 | 1082 | 1087 | 1093 | rVB2 | 10196 | 16564 | 1.01% | 0.127% |
| 33 | 9.980 | 1099 | 1105 | 1110 | rVB6 | 8024 | 13799 | 0.84% | 0.106% |
| 34 | 10.038 | 1110 | 1115 | 1120 | rBV3 | 8993 | 13914 | 0.84% | 0.107% |
| 35 | 10.097 | 1120 | 1125 | 1134 | rVB2 | 25438 | 52096 | 3.16% | 0.400% |
| 36 | 10.185 | 1134 | 1140 | 1144 | rBV | 46609 | 85555 | 5.19% | 0.657% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.362 | 1163 | 1170 | 1174 | rBV2 | 37139 | 77887 | 4.73% | 0.598% |
| 38 | 10.456 | 1179 | 1186 | 1190 | rVV2 | 37182 | 99549 | 6.04% | 0.764% |
| 39 | 10.497 | 1190 | 1193 | 1206 | rVB2 | 25955 | 50486 | 3.07% | 0.387% |
| 40 | 10.655 | 1212 | 1220 | 1227 | rBV3 | 38041 | 82245 | 4.99% | 0.631% |
| 41 | 10.779 | 1236 | 1241 | 1245 | rBV3 | 9565 | 18362 | 1.11% | 0.141% |
| 42 | 10.896 | 1255 | 1261 | 1266 | rBV | 13472 | 28380 | 1.72% | 0.218% |
| 43 | 11.014 | 1271 | 1281 | 1285 | rVV | 162847 | 323488 | 19.64% | 2.483% |
| 44 | 11.067 | 1285 | 1290 | 1300 | rVB | 290345 | 534516 | 32.45% | 4.102% |
| 45 | 11.184 | 1301 | 1310 | 1320 | rVB4 | 14168 | 33654 | 2.04% | 0.258% |
| 46 | 11.378 | 1337 | 1343 | 1350 | rBV3 | 7326 | 15942 | 0.97% | 0.122% |
| 47 | 11.449 | 1350 | 1355 | 1362 | rVB5 | 4939 | 13274 | 0.81% | 0.102% |
| 48 | 11.554 | 1365 | 1373 | 1382 | rBV2 | 10529 | 21354 | 1.30% | 0.164% |
| 49 | 11.631 | 1382 | 1386 | 1399 | rVB8 | 6506 | 16499 | 1.00% | 0.127% |
| 50 | 11.842 | 1415 | 1422 | 1431 | rBV3 | 16658 | 40845 | 2.48% | 0.313% |
| 51 | 12.036 | 1450 | 1455 | 1460 | rVV3 | 7614 | 13303 | 0.81% | 0.102% |
| 52 | 12.089 | 1460 | 1464 | 1470 | rVB7 | 5331 | 11271 | 0.68% | 0.087% |
| 53 | 12.400 | 1511 | 1517 | 1525 | rVB2 | 17448 | 36488 | 2.22% | 0.280% |
| 54 | 12.553 | 1538 | 1543 | 1549 | rBV6 | 5475 | 9695 | 0.59% | 0.074% |
| 55 | 12.659 | 1554 | 1561 | 1570 | rBV | 323502 | 555677 | 33.74% | 4.265% |
| 56 | 12.776 | 1577 | 1581 | 1587 | rBV4 | 6535 | 13664 | 0.83% | 0.105% |
| 57 | 12.876 | 1587 | 1598 | 1608 | rVB | 148446 | 262165 | 15.92% | 2.012% |
| 58 | 13.276 | 1658 | 1666 | 1673 | rBV2 | 35316 | 67595 | 4.10% | 0.519% |
| 59 | 13.652 | 1725 | 1730 | 1734 | rBV | 59854 | 105283 | 6.39% | 0.808% |
| 60 | 13.852 | 1760 | 1764 | 1773 | rVB3 | 10383 | 19152 | 1.16% | 0.147% |
| 61 | 13.987 | 1780 | 1787 | 1788 | rBV2 | 16903 | 25532 | 1.55% | 0.196% |
| 62 | 14.140 | 1806 | 1813 | 1818 | rBV2 | 22112 | 43804 | 2.66% | 0.336% |
| 63 | 14.216 | 1818 | 1826 | 1830 | rVV | 86500 | 164198 | 9.97% | 1.260% |
| 64 | 14.263 | 1830 | 1834 | 1842 | rVB | 46309 | 70125 | 4.26% | 0.538% |
| 65 | 14.375 | 1848 | 1853 | 1861 | rBV5 | 9595 | 18501 | 1.12% | 0.142% |
| 66 | 14.451 | 1861 | 1866 | 1871 | rVV4 | 5460 | 11352 | 0.69% | 0.087% |
| 67 | 14.521 | 1871 | 1878 | 1887 | rVB | 85354 | 144528 | 8.78% | 1.109% |
| 68 | 14.821 | 1918 | 1929 | 1935 | rBV | 278087 | 441504 | 26.81% | 3.388% |
| 69 | 14.886 | 1935 | 1940 | 1947 | rVB | 28640 | 45877 | 2.79% | 0.352% |
| 70 | 15.221 | 1990 | 1997 | 2006 | rBV | 35608 | 75339 | 4.57% | 0.578% |
| 71 | 15.614 | 2059 | 2064 | 2071 | rVB | 39452 | 59188 | 3.59% | 0.454% |
| 72 | 15.808 | 2092 | 2097 | 2103 | rBV2 | 119879 | 193204 | 11.73% | 1.483% |
| 73 | 15.867 | 2103 | 2107 | 2114 | rVB | 19303 | 31370 | 1.90% | 0.241% |
| 74 | 15.961 | 2119 | 2123 | 2132 | rBV5 | 21300 | 50339 | 3.06% | 0.386% |
| 75 | 16.073 | 2137 | 2142 | 2148 | rVB | 21650 | 32776 | 1.99% | 0.252% |
| 76 | 16.678 | 2239 | 2245 | 2251 | rVB7 | 7262 | 13812 | 0.84% | 0.106% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 16.907 | 2279 | 2284 | 2288 | rBV | 10493 | 16108 | 0.98% | 0.124% |
| 78 | 17.177 | 2325 | 2330 | 2333 | rBV | 12046 | 16388 | 1.00% | 0.126% |
| 79 | 17.571 | 2391 | 2397 | 2403 | rBV | 348513 | 531316 | 32.26% | 4.078% |
| 80 | 17.671 | 2409 | 2414 | 2422 | rVB | 129449 | 194291 | 11.80% | 1.491% |
| 81 | 17.818 | 2434 | 2439 | 2445 | rVB | 12132 | 17740 | 1.08% | 0.136% |
| 82 | 17.929 | 2450 | 2458 | 2464 | rVV3 | 16618 | 30408 | 1.85% | 0.233% |
| 83 | 18.194 | 2499 | 2503 | 2506 | rBV2 | 11718 | 15346 | 0.93% | 0.118% |
| 84 | 18.440 | 2541 | 2545 | 2550 | rVV7 | 9311 | 18969 | 1.15% | 0.146% |
| 85 | 18.499 | 2550 | 2555 | 2560 | rVB | 33471 | 45685 | 2.77% | 0.351% |
| 86 | 18.810 | 2604 | 2608 | 2615 | rVB5 | 13379 | 24606 | 1.49% | 0.189% |
| 87 | 19.351 | 2697 | 2700 | 2707 | rVB3 | 35436 | 47205 | 2.87% | 0.362% |
| 88 | 19.486 | 2719 | 2723 | 2726 | rBV2 | 17288 | 22366 | 1.36% | 0.172% |
| 89 | 19.592 | 2736 | 2741 | 2748 | rBV5 | 26390 | 42535 | 2.58% | 0.326% |
| 90 | 19.950 | 2795 | 2802 | 2807 | rBV | 163075 | 262117 | 15.92% | 2.012% |
| 91 | 20.209 | 2843 | 2846 | 2850 | rVB | 11978 | 13652 | 0.83% | 0.105% |
| 92 | 20.838 | 2947 | 2953 | 2961 | rBV | 1312015 | 1646974 | 100.00% | 12.640% |
| 93 | 21.872 | 3123 | 3129 | 3138 | rVB | 301383 | 531877 | 32.29% | 4.082% |
| 94 | 23.352 | 3377 | 3381 | 3389 | rVB3 | 23491 | 44477 | 2.70% | 0.341% |
| 95 | 24.192 | 3519 | 3524 | 3531 | rVB | 31299 | 66563 | 4.04% | 0.511% |
| 96 | 25.038 | 3660 | 3668 | 3679 | rVB3 | 69959 | 198323 | 12.04% | 1.522% |
| 97 | 25.185 | 3688 | 3693 | 3698 | rBV2 | 31466 | 71901 | 4.37% | 0.552% |
| 98 | 25.268 | 3699 | 3707 | 3721 | rVB3 | 162387 | 500512 | 30.39% | 3.841% |
| 99 | 26.372 | 3887 | 3895 | 3905 | rVB3 | 38739 | 123502 | 7.50% | 0.948% |
| 100 | 27.788 | 4129 | 4136 | 4146 | rVB3 | 34544 | 118491 | 7.19% | 0.909% |

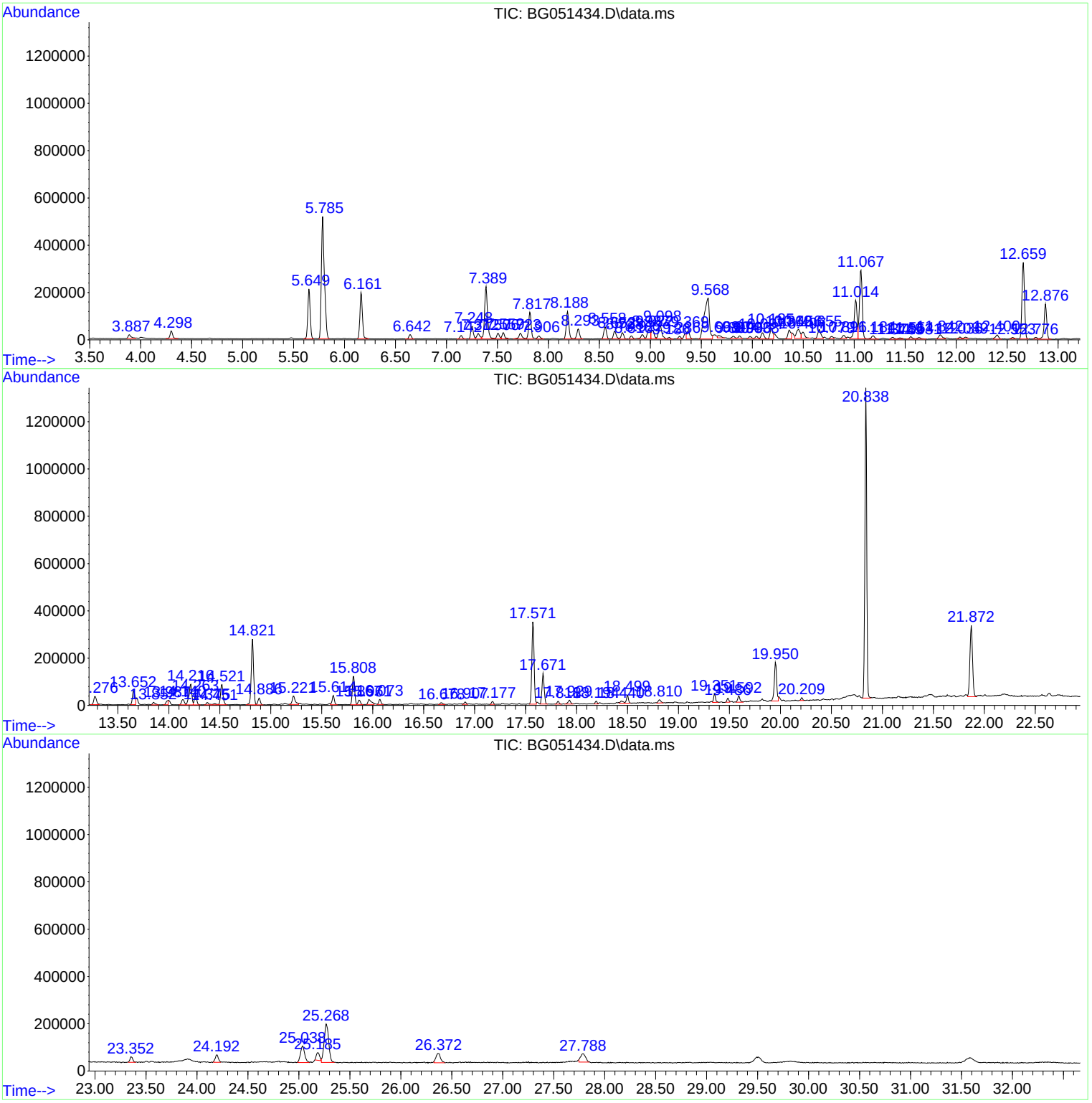
Sum of corrected areas: 13030042

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

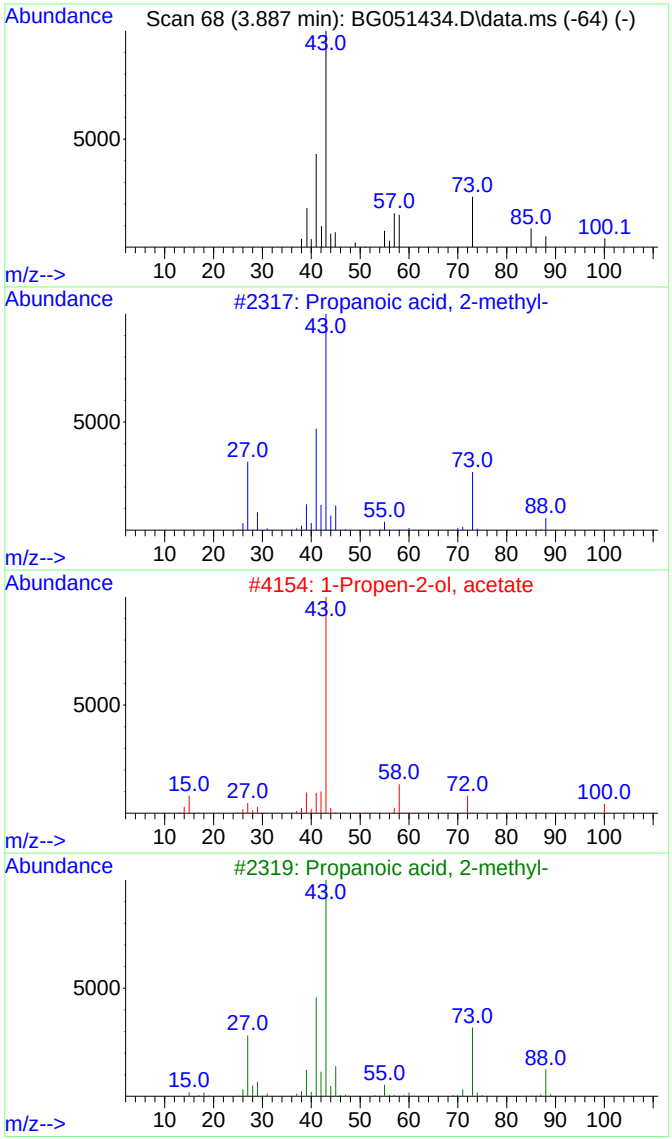
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

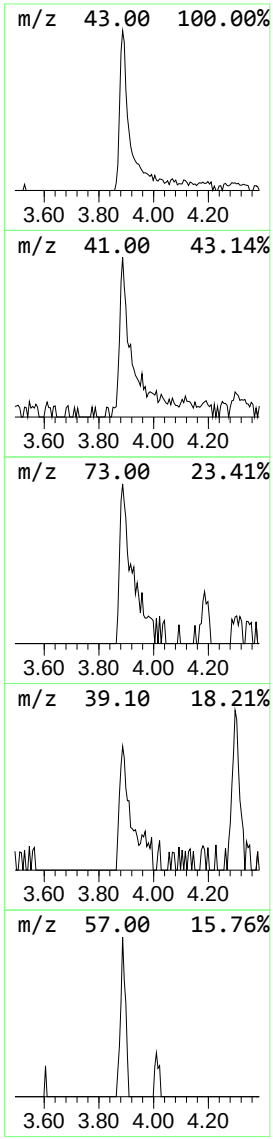
**********

Peak Number 1 unknown-01 Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.887 | 3.31 ng/ul | 34007 | 1,4-Dichlorobenzene-d4 | 8.188 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 38 |
| 2 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 32 |
| 3 | Propanoic acid, 2-methyl- | 88 | C4H8O2 | 000079-31-2 | 28 |
| 4 | Oxalic acid, allyl isohexyl ester | 214 | C11H18O4 | 1000309-23-3 | 25 |
| 5 | Pentanal, 2-methyl- | 100 | C6H12O | 000123-15-9 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

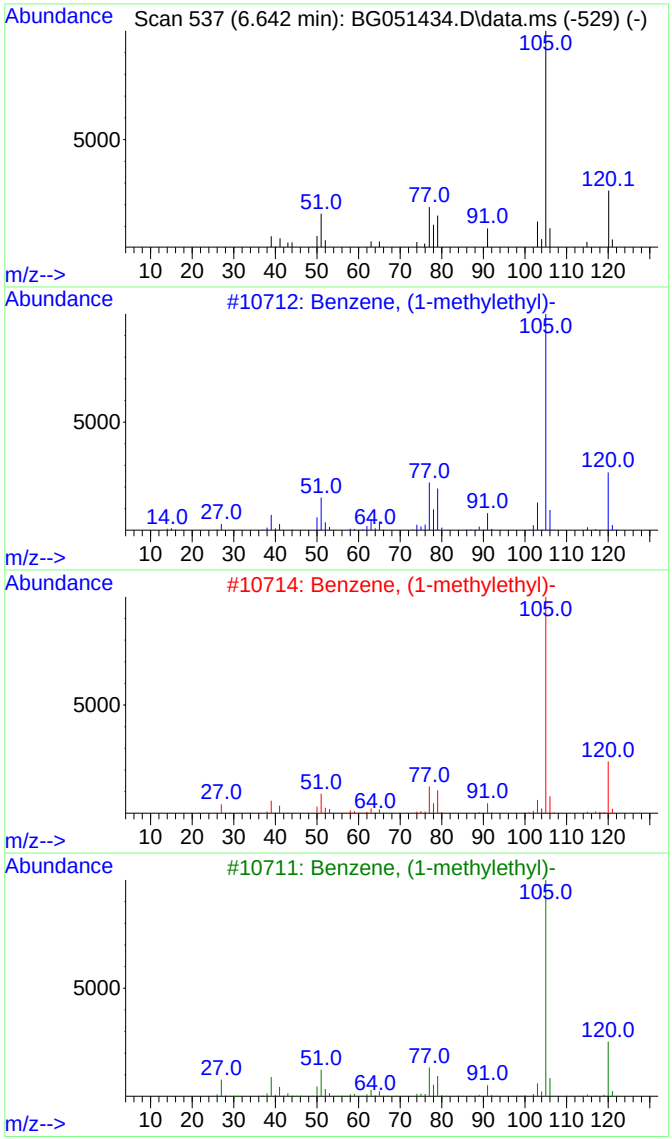
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

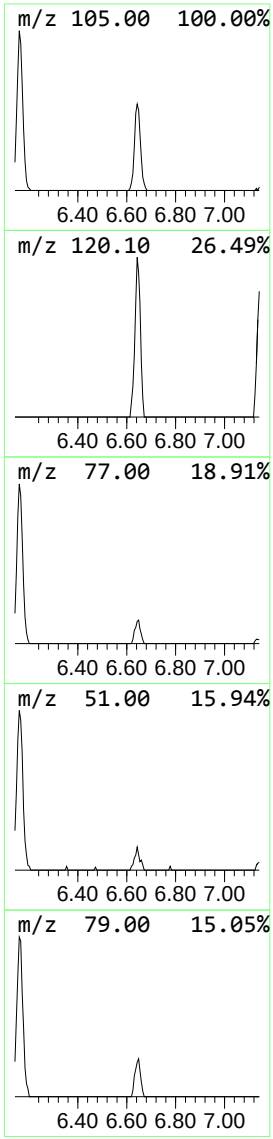
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.642 | 3.10 ng/ul | 31778 | 1,4-Dichlorobenzene-d4 | 8.188 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 94 |
| 2 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 91 |
| 3 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 91 |
| 4 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 91 |
| 5 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

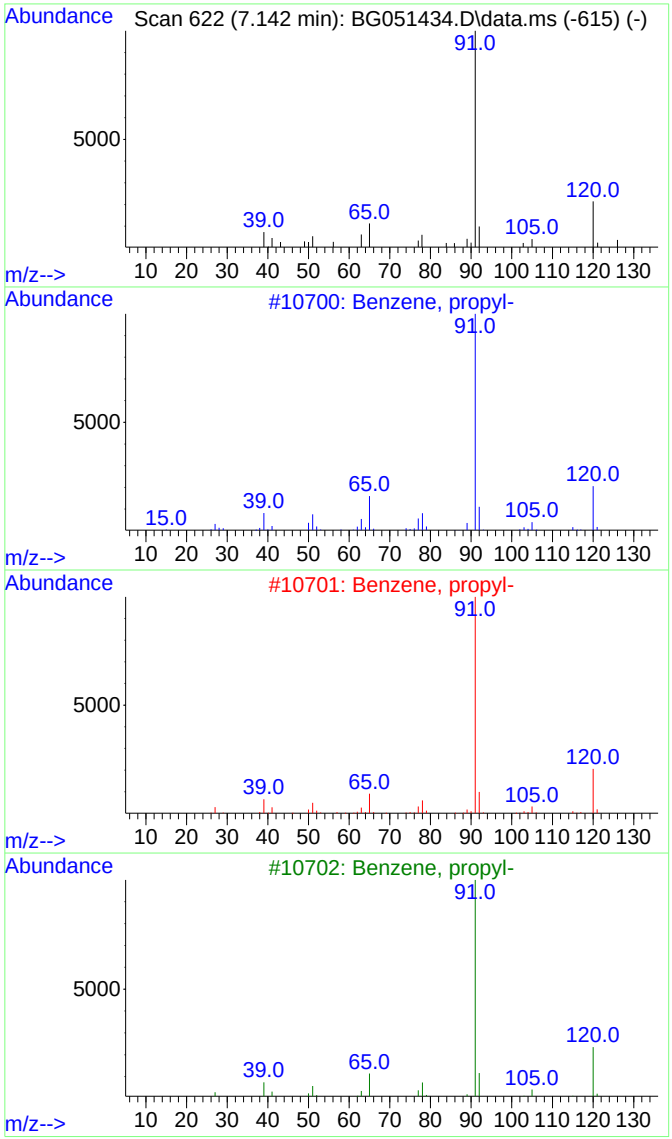
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

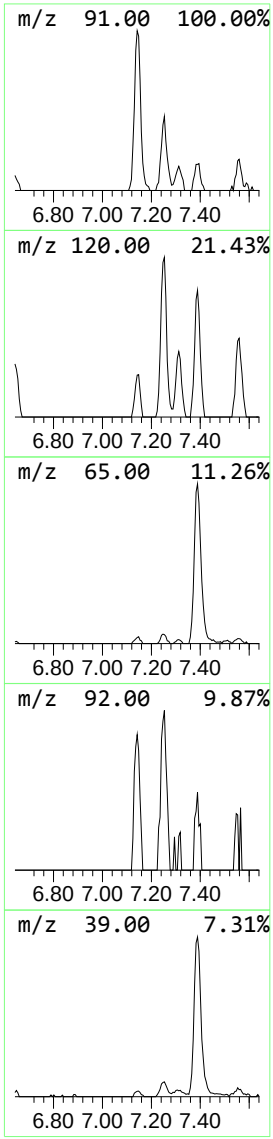
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, propyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.142 | 2.50 ng/ul | 25646 | 1,4-Dichlorobenzene-d4 | 8.188 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 87 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 83 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 83 |
| 4 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 80 |
| 5 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

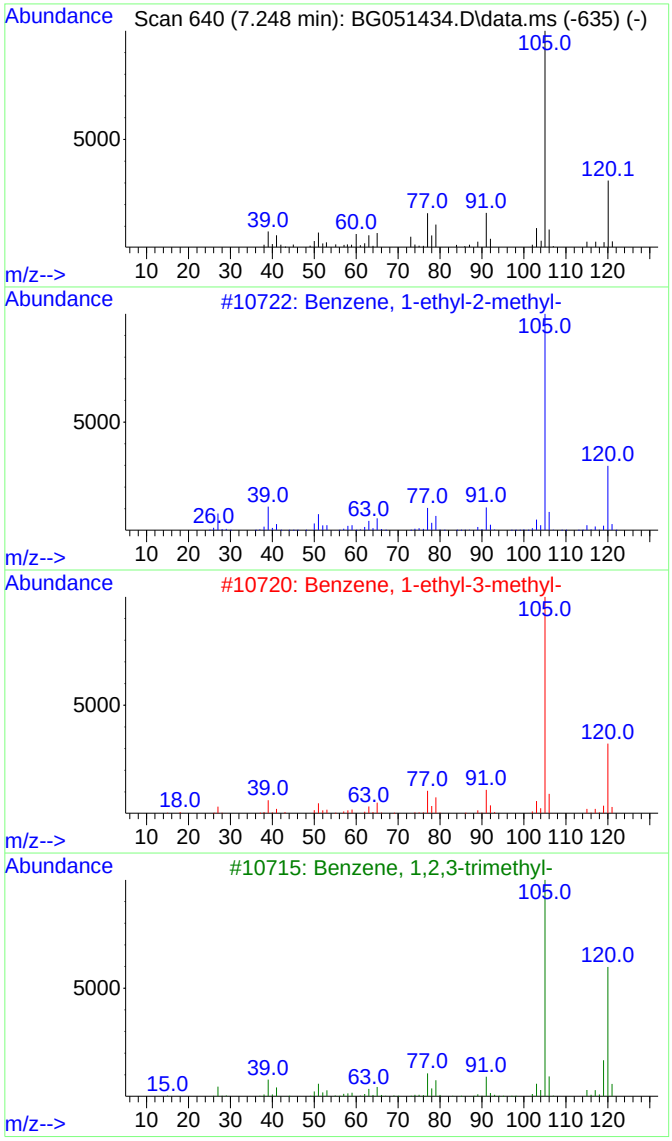
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

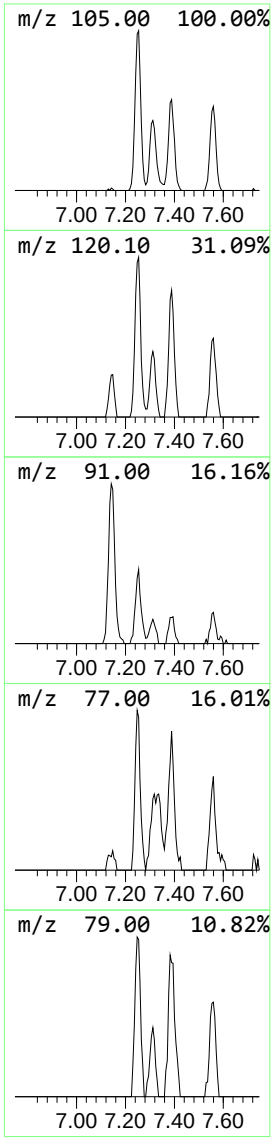
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.248 | 9.09 ng/ul | 93288 | 1,4-Dichlorobenzene-d4 | 8.188 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

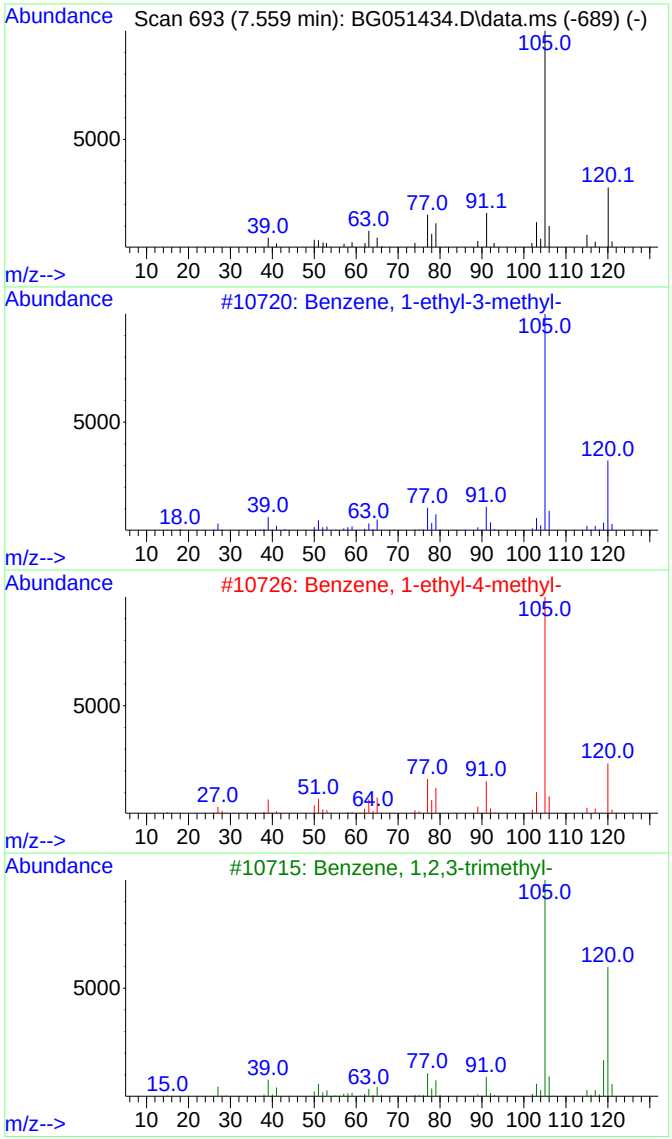
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

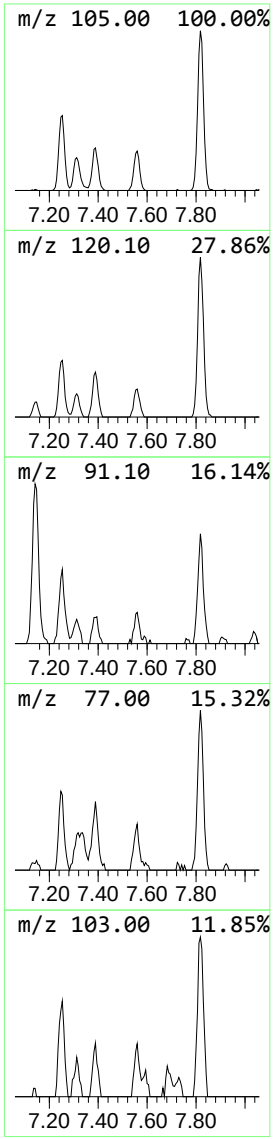
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.559 | 4.43 ng/ul | 45475 | 1,4-Dichlorobenzene-d4 | 8.188 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 2 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

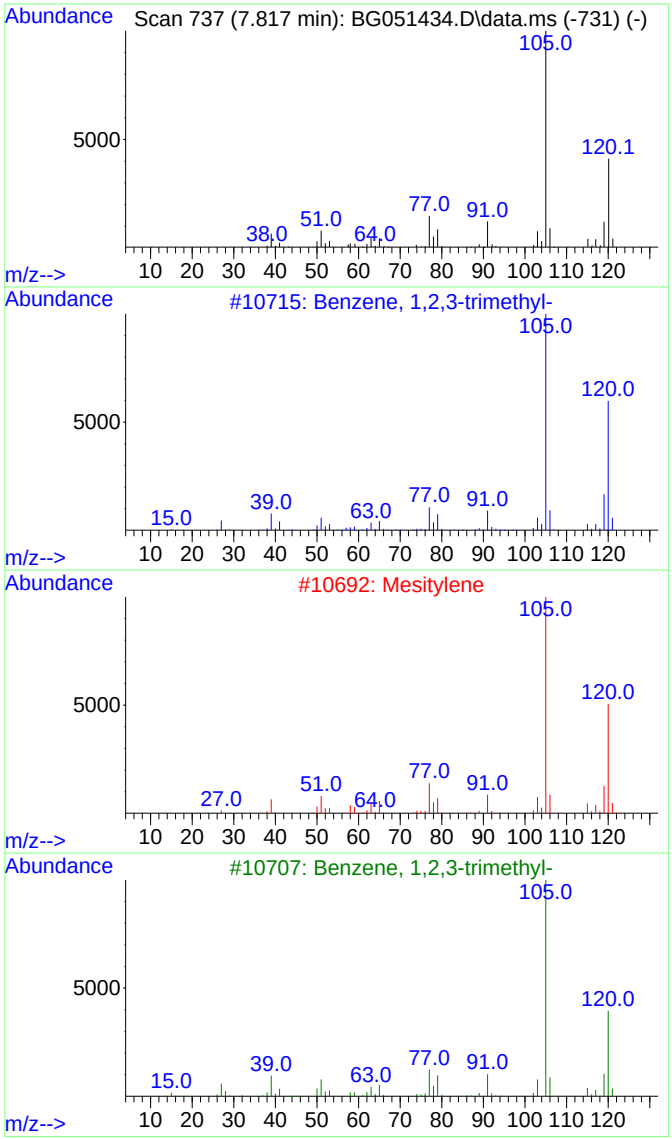
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

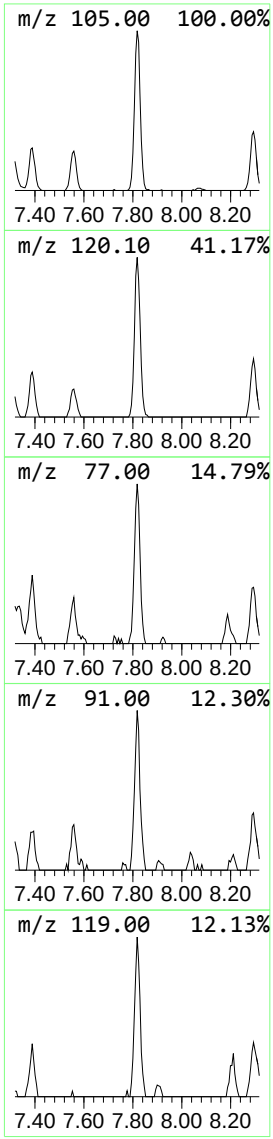
**********

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.817 | 18.43 ng/ul | 189142 | 1,4-Dichlorobenzene-d4 | 8.188 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

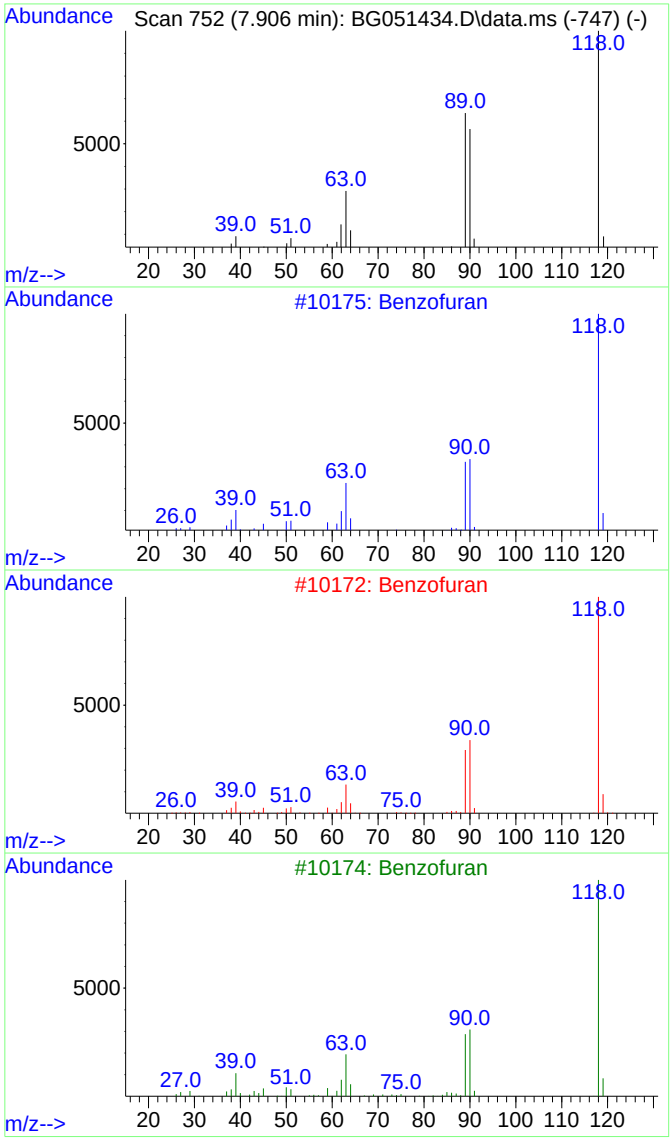
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

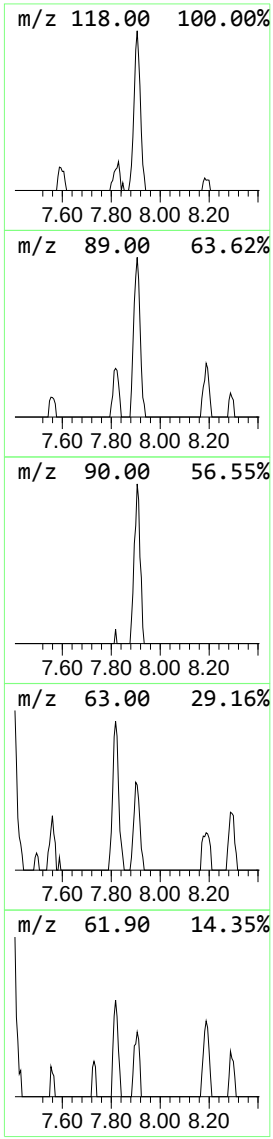
**********

Peak Number 11 Benzofuran Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.906 | 2.46 ng/ul | 25275 | 1,4-Dichlorobenzene-d4 | 8.188 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzofuran | 118 | C8H6O | 000271-89-6 | 94 |
| 2 | Benzofuran | 118 | C8H6O | 000271-89-6 | 91 |
| 3 | Benzofuran | 118 | C8H6O | 000271-89-6 | 91 |
| 4 | Benzocyclobuten-1(2H)-one | 118 | C8H6O | 003469-06-5 | 91 |
| 5 | 3-Hydroxyphenylacetylene | 118 | C8H6O | 010401-11-3 | 87 |



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Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

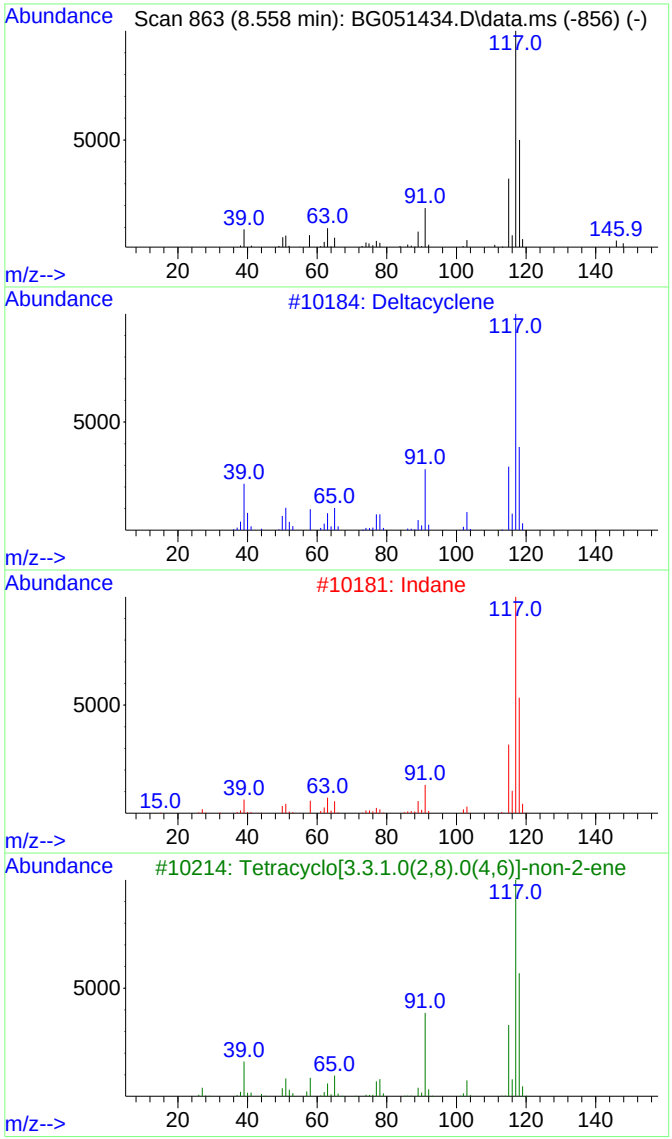
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

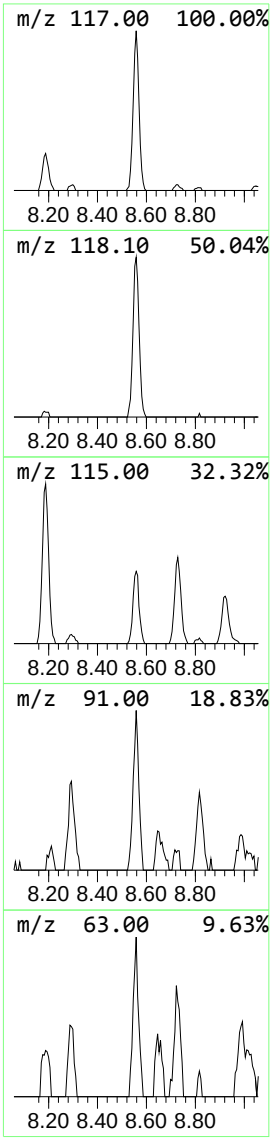
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Indane Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.558 | 8.87 ng/ul | 91015 | 1,4-Dichlorobenzene-d4 | 8.188 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Deltacyclene | 118 | C9H10 | 007785-10-6 | 76 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 74 |
| 3 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 74 |
| 4 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 74 |
| 5 | Indane | 118 | C9H10 | 000496-11-7 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

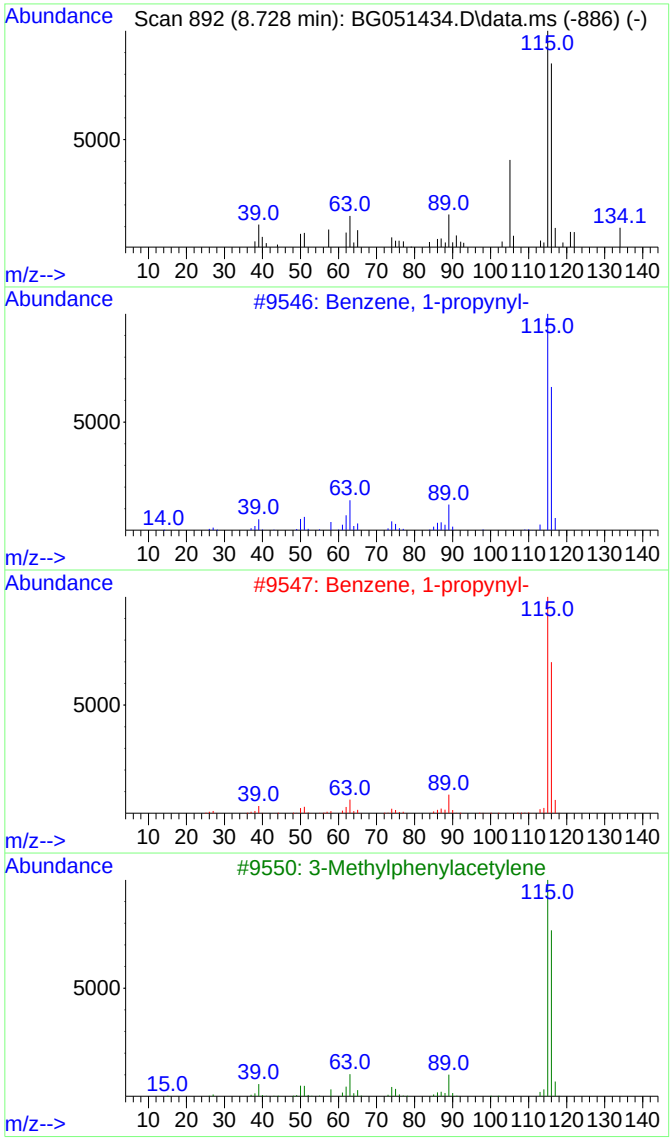
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

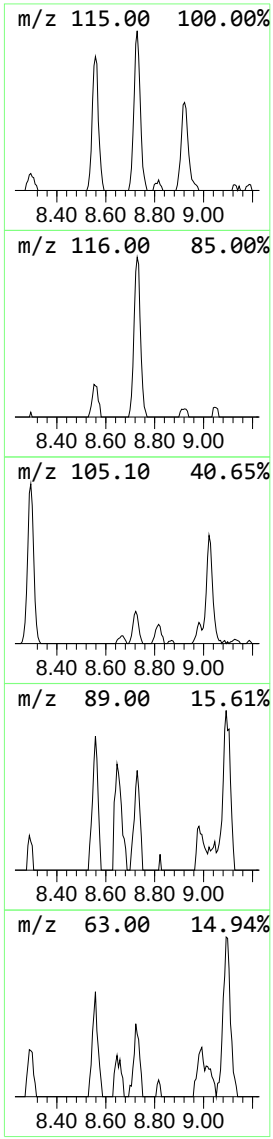
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, 1-propynyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.728 | 4.79 ng/ul | 49179 | 1,4-Dichlorobenzene-d4 | 8.188 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 93 |
| 2 | Benzene, 1-propynyl- | 116 | C9H8 | 000673-32-5 | 87 |
| 3 | 3-Methylphenylacetylene | 116 | C9H8 | 000766-82-5 | 87 |
| 4 | 1-Propyne, 3-phenyl- | 116 | C9H8 | 010147-11-2 | 87 |
| 5 | Indene | 116 | C9H8 | 000095-13-6 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

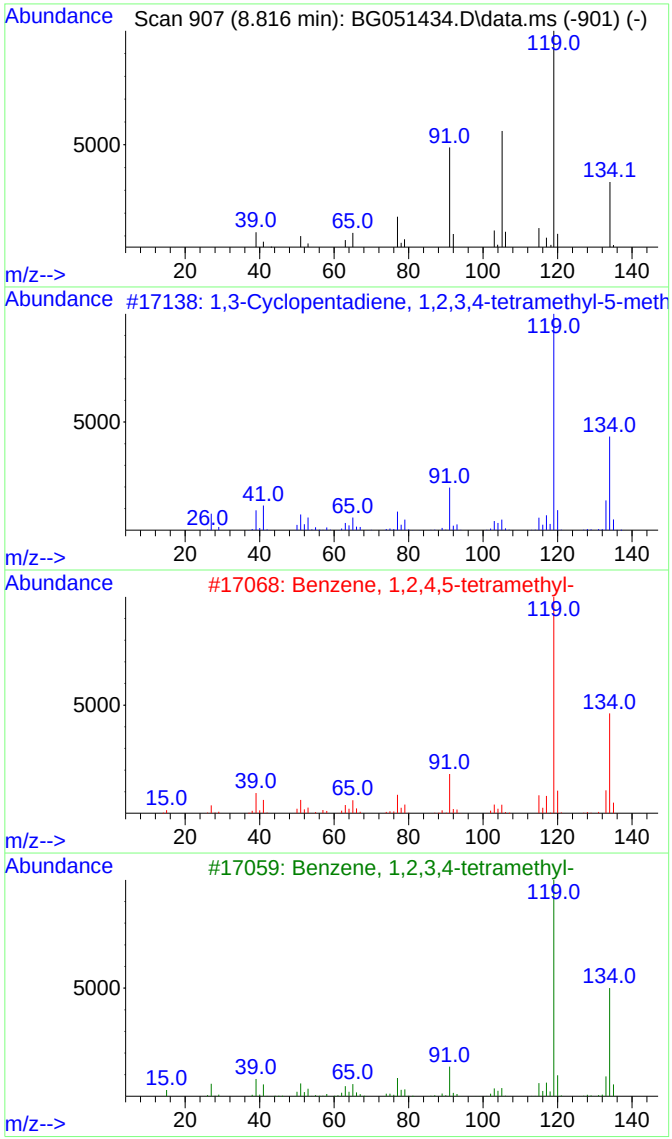
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

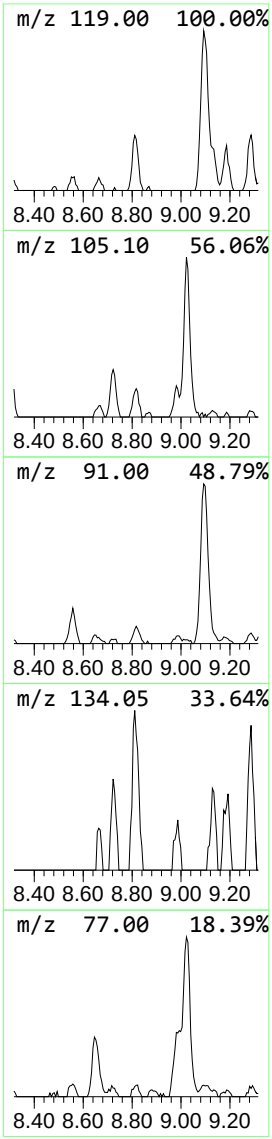
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.816 | 2.09 ng/ul | 21474 | 1,4-Dichlorobenzene-d4 | 8.188 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,3-Cyclopentadiene, 1,2,3,4-tet... | 134 | C10H14 | 076089-59-3 | 91 |
| 2 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 90 |
| 3 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 90 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 87 |
| 5 | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14 | 000934-74-7 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

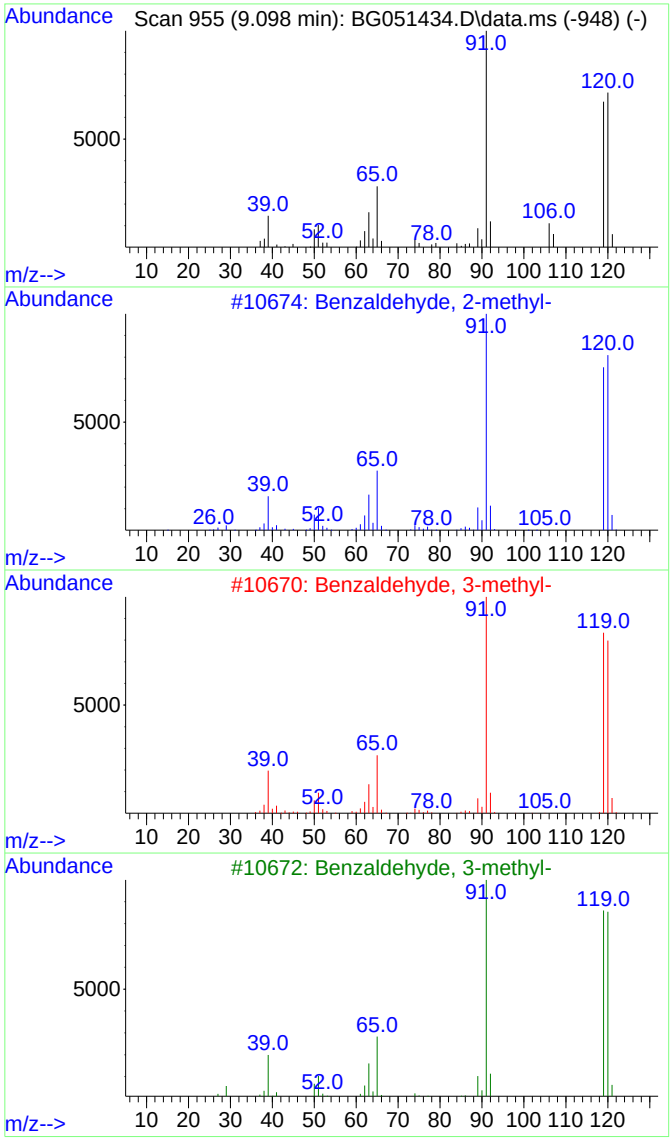
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

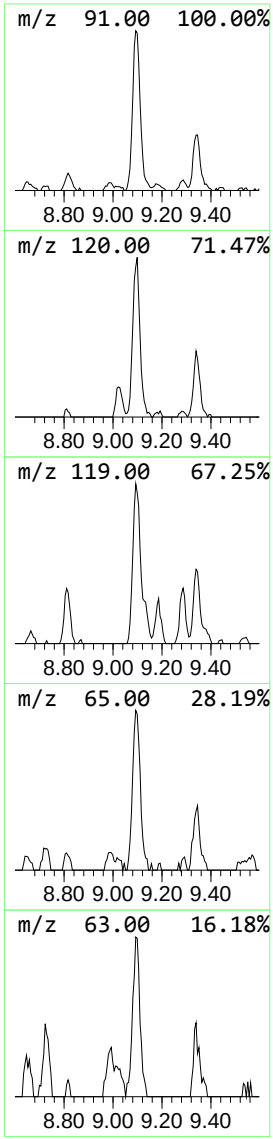
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Benzaldehyde, 2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.098 | 12.60 ng/ul | 129281 | 1,4-Dichlorobenzene-d4 | 8.188 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzaldehyde, 2-methyl- | 120 | C8H8O | 000529-20-4 | 96 |
| 2 | Benzaldehyde, 3-methyl- | 120 | C8H8O | 000620-23-5 | 96 |
| 3 | Benzaldehyde, 3-methyl- | 120 | C8H8O | 000620-23-5 | 96 |
| 4 | Benzaldehyde, 3-methyl- | 120 | C8H8O | 000620-23-5 | 96 |
| 5 | Benzaldehyde, 3-methyl- | 120 | C8H8O | 000620-23-5 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

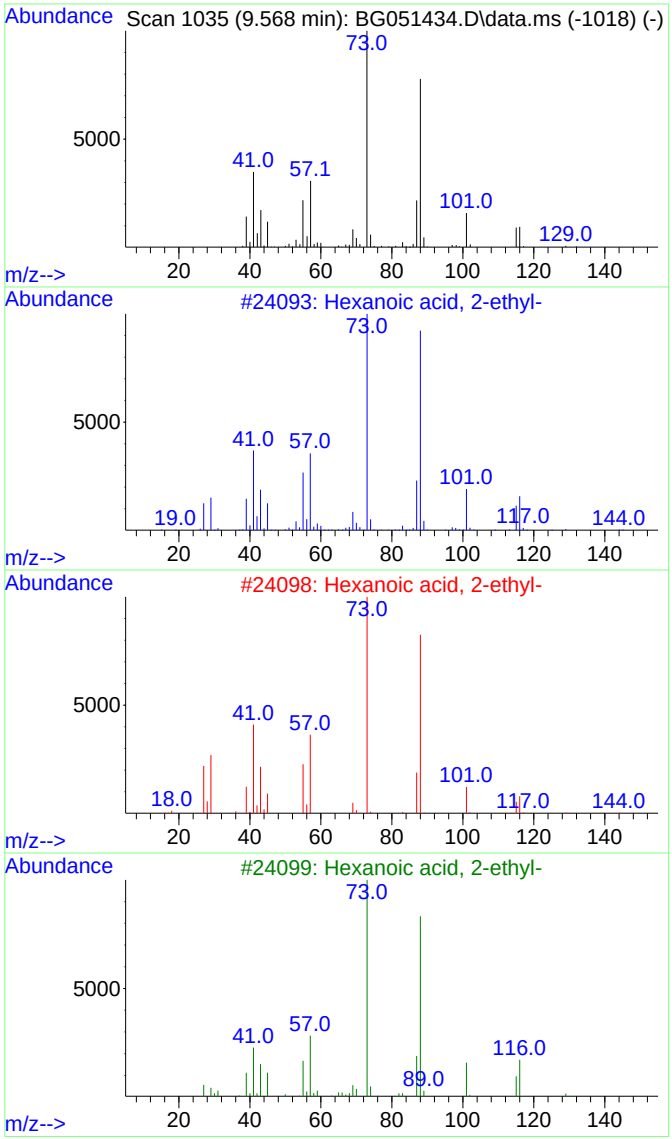
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

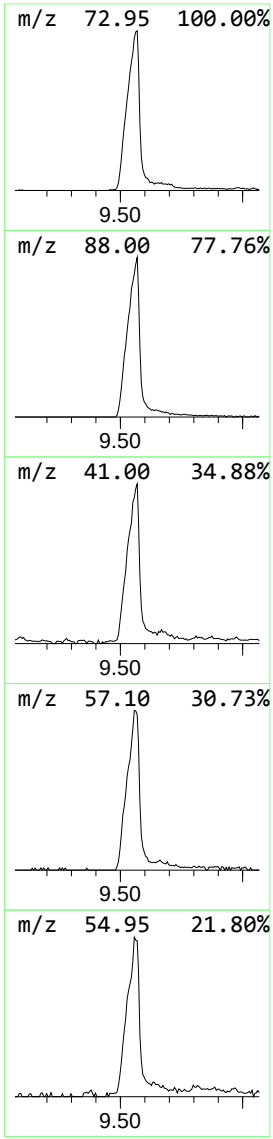
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Hexanoic acid, 2-ethyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.568 | 58.90 ng/ul | 604388 | 1,4-Dichlorobenzene-d4 | 8.188 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 90 |
| 2 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 90 |
| 3 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 86 |
| 4 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 72 |
| 5 | Hexanoic acid, 2-ethyl- | 144 | C8H16O2 | 000149-57-5 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

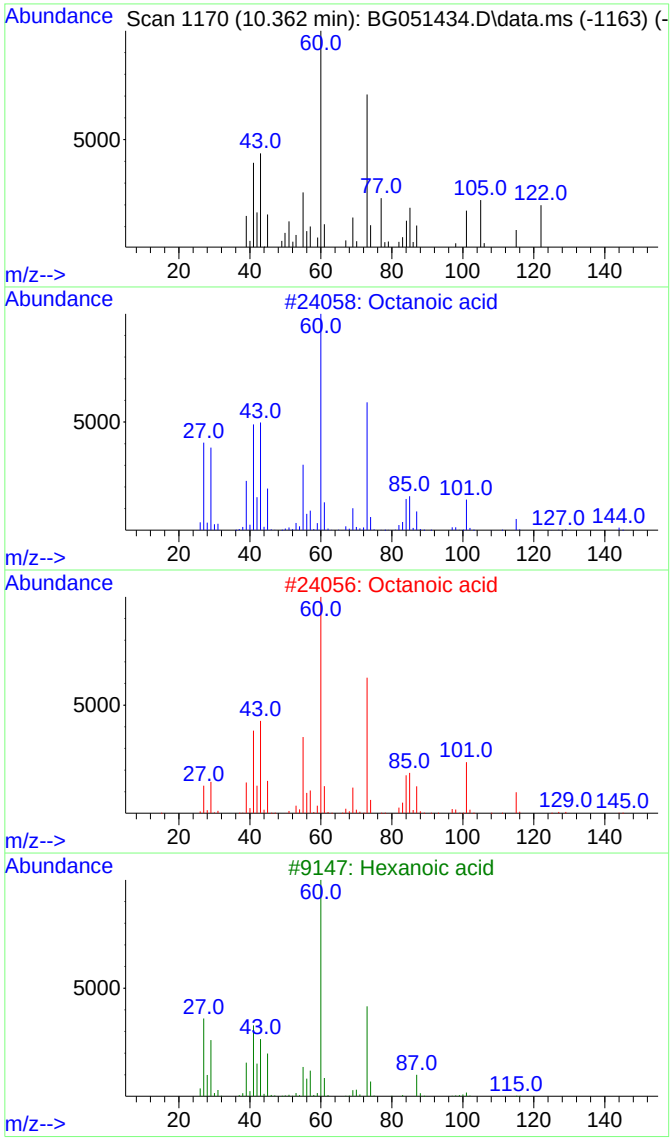
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

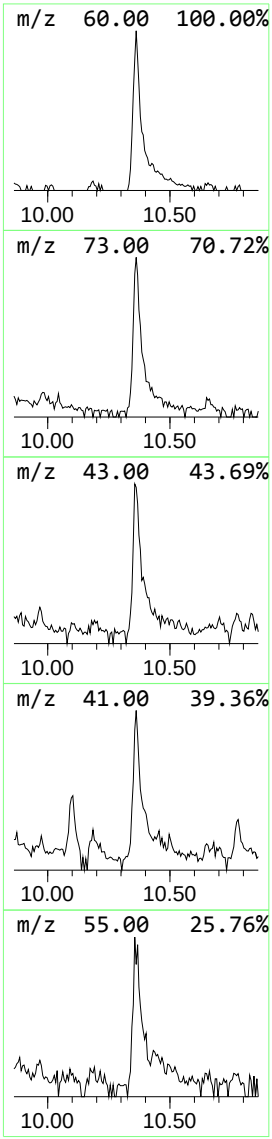
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Octanoic acid Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.362 | 4.82 ng/ul | 77887 | Naphthalene-d8 | 11.014 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 58 |
| 2 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 58 |
| 3 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 47 |
| 4 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 47 |
| 5 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

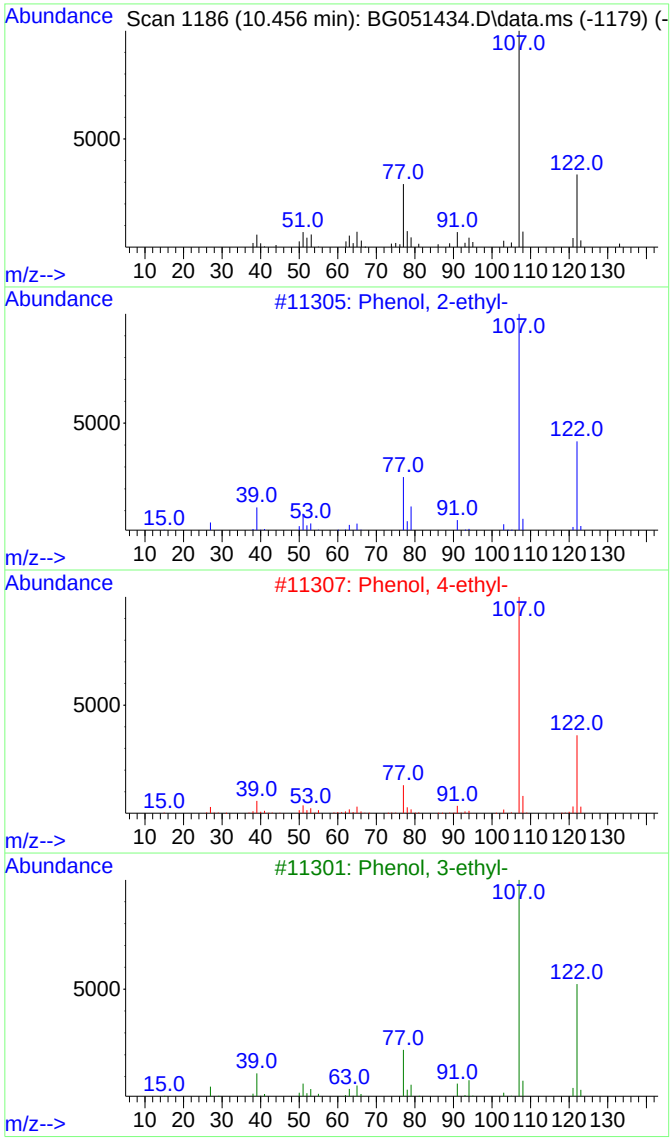
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

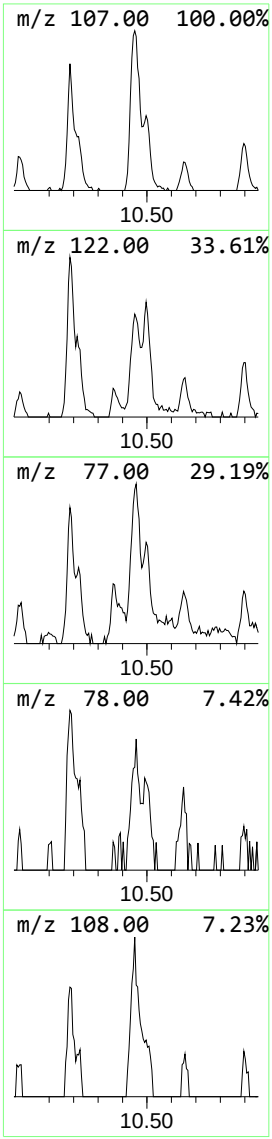
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Phenol, 2-ethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.456 | 6.15 ng/ul | 99549 | Naphthalene-d8 | 11.014 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-ethyl- | 122 | C8H10O | 000090-00-6 | 91 |
| 2 | Phenol, 4-ethyl- | 122 | C8H10O | 000123-07-9 | 91 |
| 3 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 91 |
| 4 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 90 |
| 5 | Phenol, 3-ethyl- | 122 | C8H10O | 000620-17-7 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

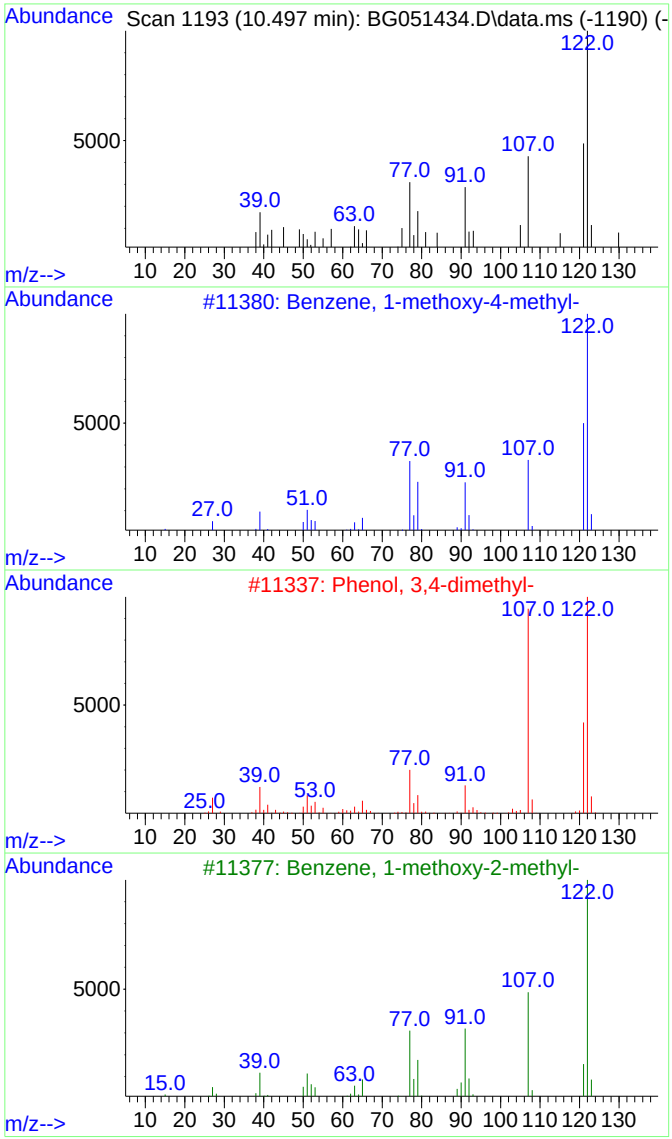
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

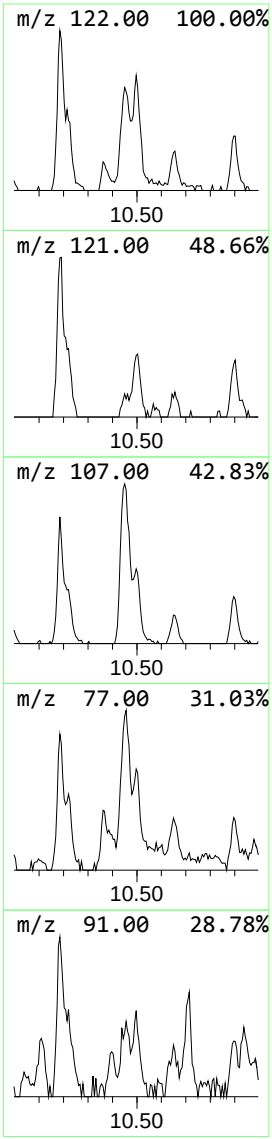
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Benzene, 1-methoxy-4-methyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.497 | 3.12 ng/ul | 50486 | Naphthalene-d8 | 11.014 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methoxy-4-methyl- | 122 | C8H10O | 000104-93-8 | 68 |
| 2 | Phenol, 3,4-dimethyl- | 122 | C8H10O | 000095-65-8 | 64 |
| 3 | Benzene, 1-methoxy-2-methyl- | 122 | C8H10O | 000578-58-5 | 64 |
| 4 | Benzene, 1-methoxy-2-methyl- | 122 | C8H10O | 000578-58-5 | 64 |
| 5 | 3-Methylbenzyl alcohol | 122 | C8H10O | 000587-03-1 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

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

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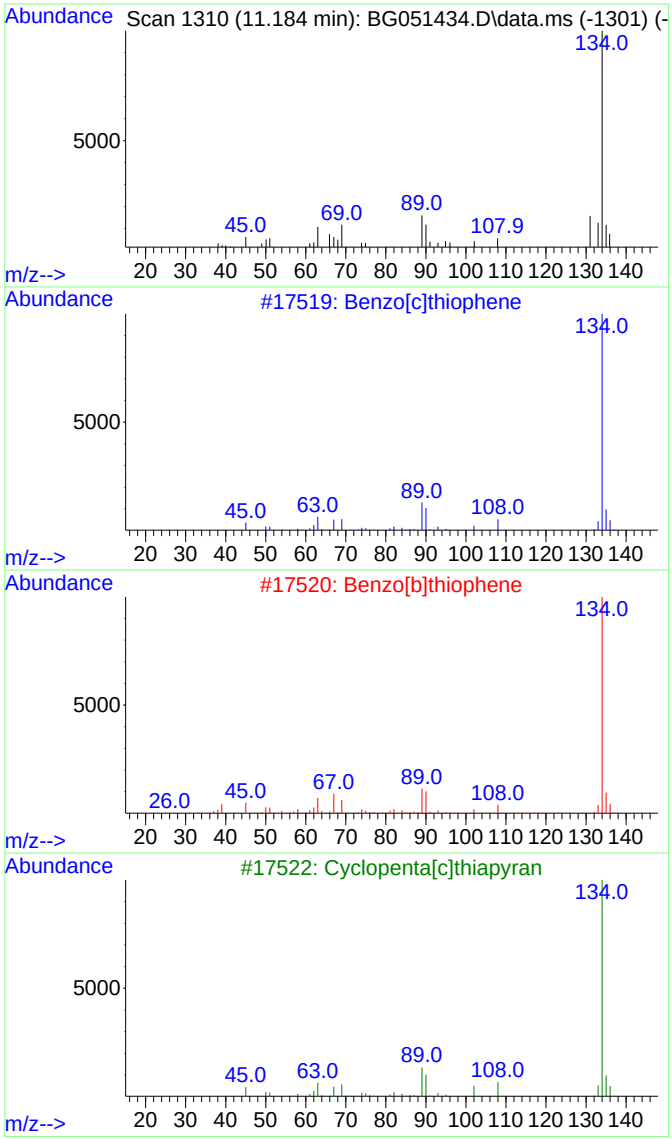
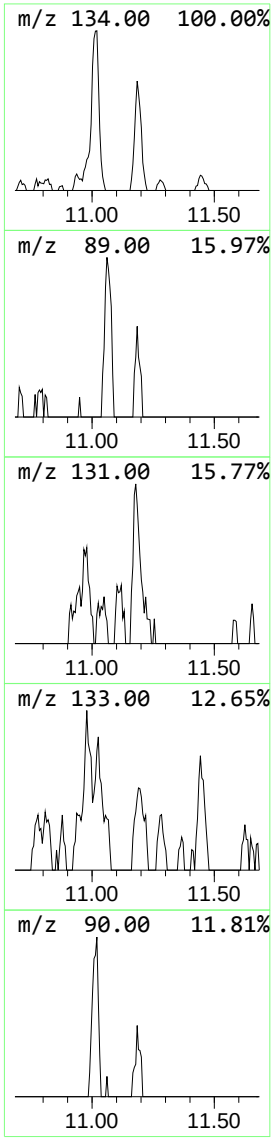
Peak Number 21 Benzo[c]thiophene Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.184 | 2.08 ng/ul | 33654 | Naphthalene-d8 | 11.014 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[c]thiophene | 134 | C8H6S | 000270-82-6 | 87 |
| 2 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 87 |
| 3 | Cyclopenta[c]thiapyran | 134 | C8H6S | 000270-63-3 | 87 |
| 4 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 81 |
| 5 | Benzo[b]thiophene | 134 | C8H6S | 000095-15-8 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

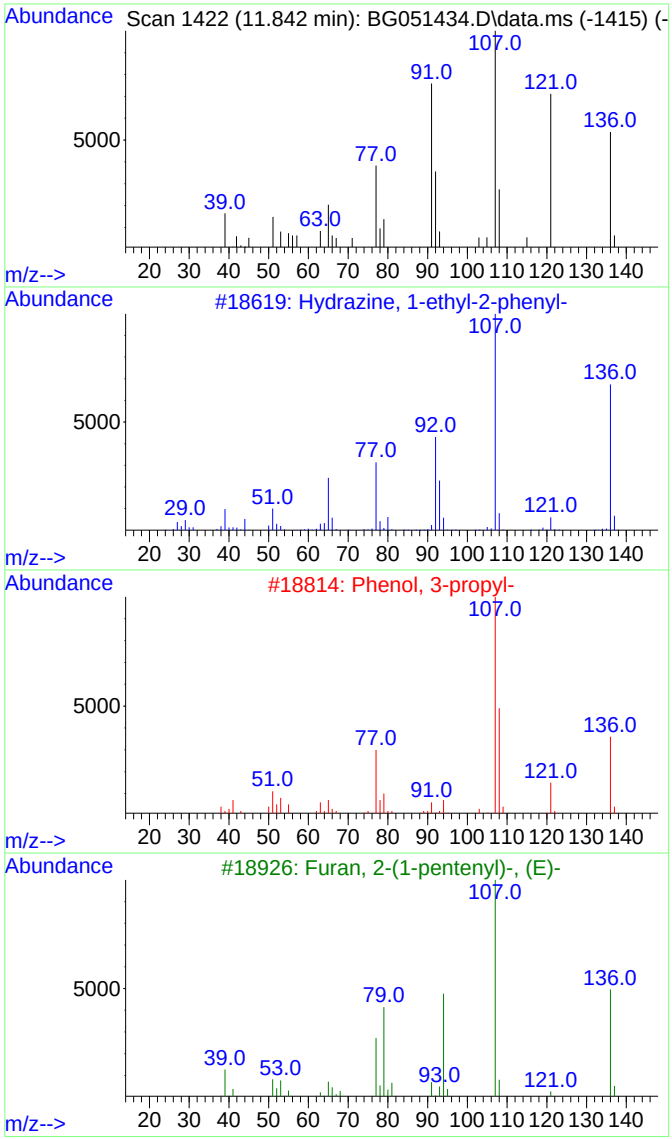
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

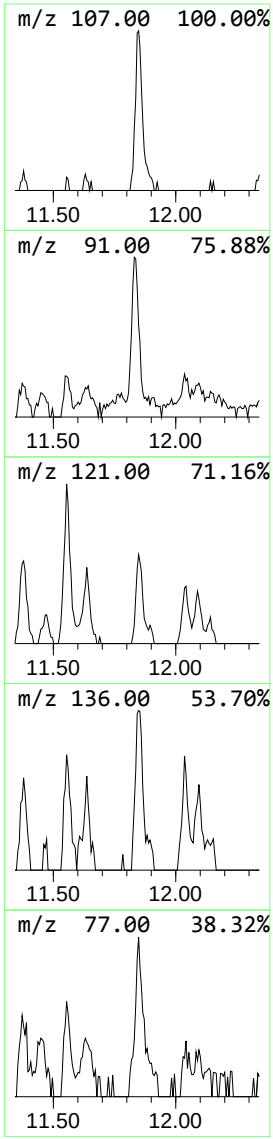
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 Hydrazine, 1-ethyl-2-phenyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.842 | 2.53 ng/ul | 40845 | Naphthalene-d8 | 11.014 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hydrazine, 1-ethyl-2-phenyl- | 136 | C8H12N2 | 000622-82-2 | 64 |
| 2 | Phenol, 3-propyl- | 136 | C9H12O | 000621-27-2 | 58 |
| 3 | Furan, 2-(1-pentenyl)-, (E)- | 136 | C9H12O | 020992-69-2 | 52 |
| 4 | Phenol, 4-propyl- | 136 | C9H12O | 000645-56-7 | 38 |
| 5 | Phenol, 4-propyl- | 136 | C9H12O | 000645-56-7 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

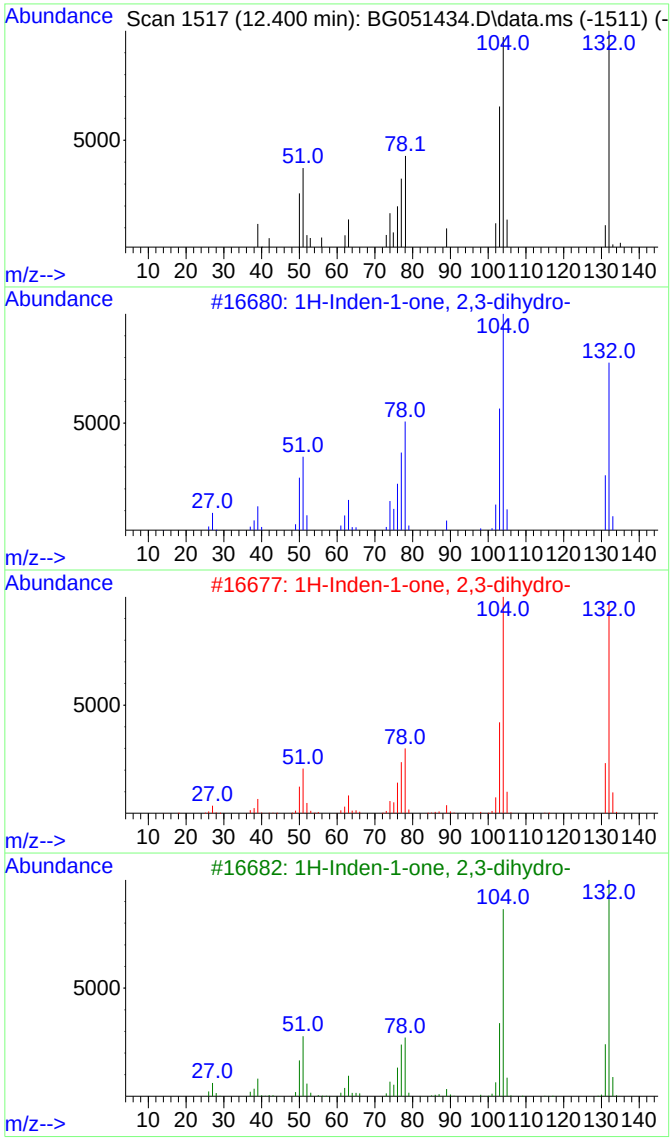
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

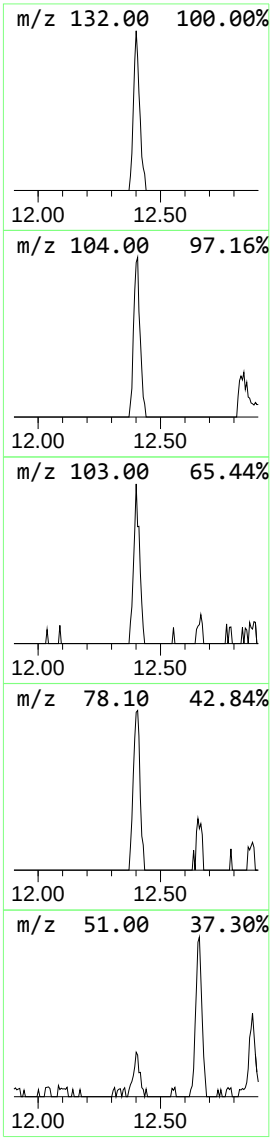
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.400 | 2.26 ng/ul | 36488 | Naphthalene-d8 | 11.014 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 91 |
| 2 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 91 |
| 3 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 90 |
| 4 | N-Ethylbenzimidoyl bromide | 211 | C9H10BrN | 041182-87-0 | 64 |
| 5 | Bicyclo[4.2.0]octa-1,3,5-triene | 104 | C8H8 | 000694-87-1 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

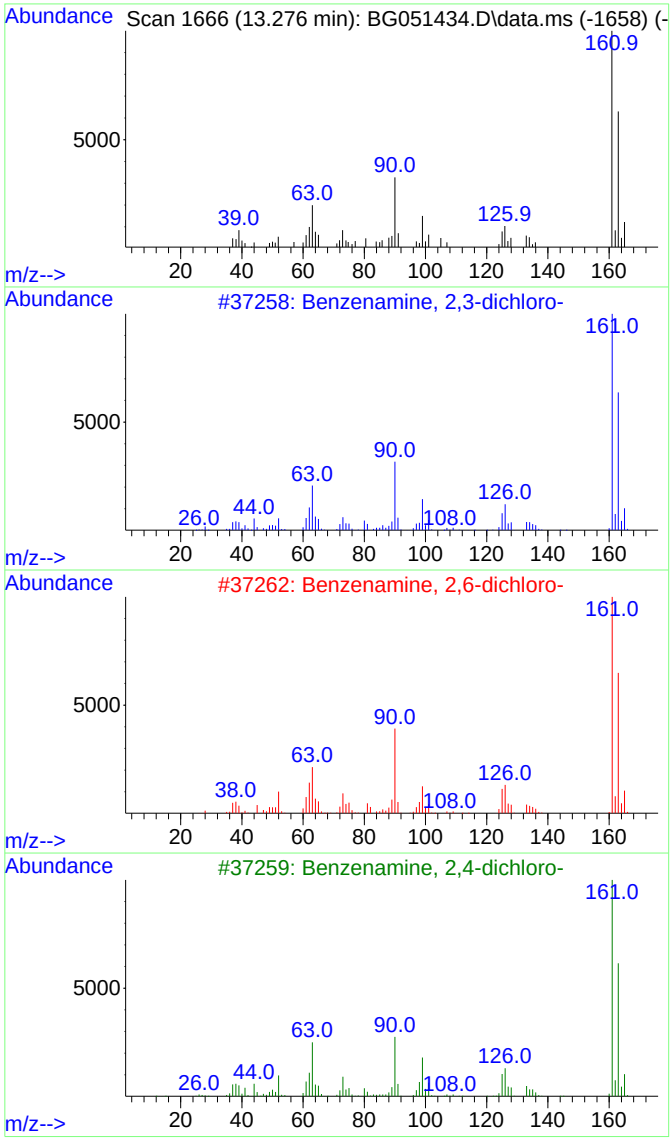
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

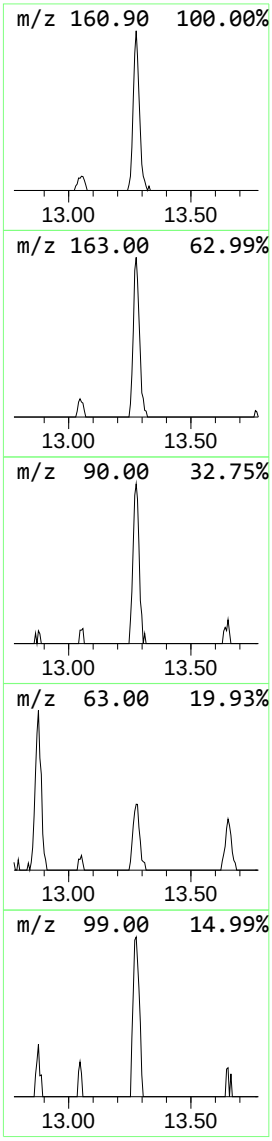
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Benzenamine, 2,3-dichloro- Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.276 | 3.06 ng/ul | 67595 | Acenaphthene-d10 | 14.821 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenamine, 2,3-dichloro- | 161 | C6H5Cl2N | 000608-27-5 | 98 |
| 2 | Benzenamine, 2,6-dichloro- | 161 | C6H5Cl2N | 000608-31-1 | 98 |
| 3 | Benzenamine, 2,4-dichloro- | 161 | C6H5Cl2N | 000554-00-7 | 96 |
| 4 | Benzenamine, 2,5-dichloro- | 161 | C6H5Cl2N | 000095-82-9 | 96 |
| 5 | Benzenamine, 3,5-dichloro- | 161 | C6H5Cl2N | 000626-43-7 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

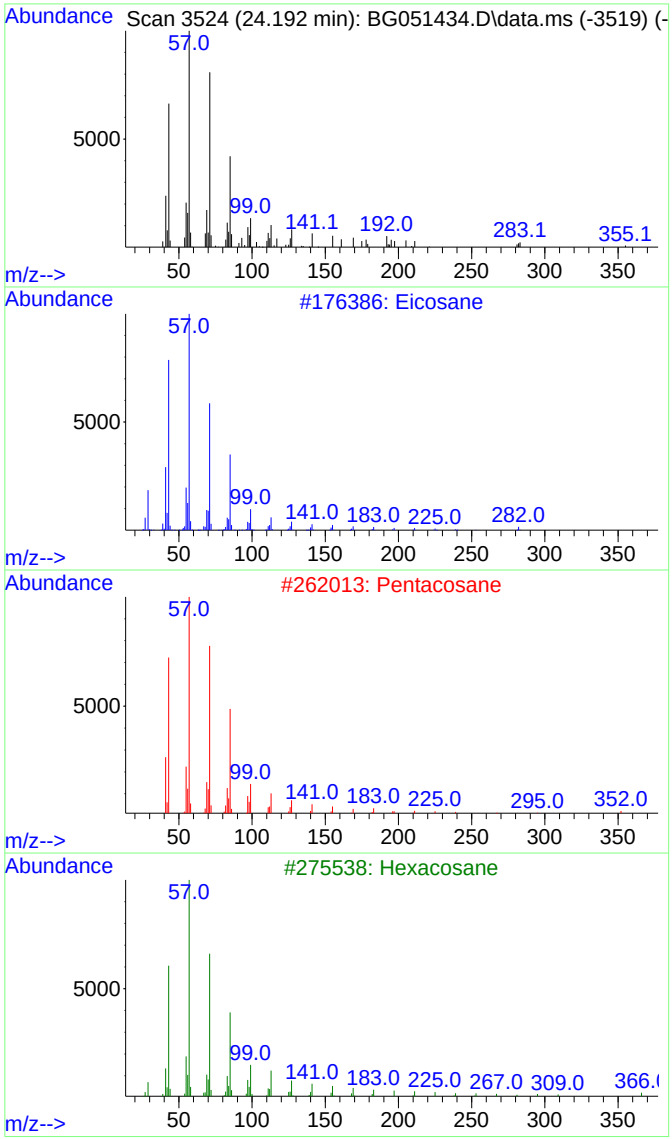
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

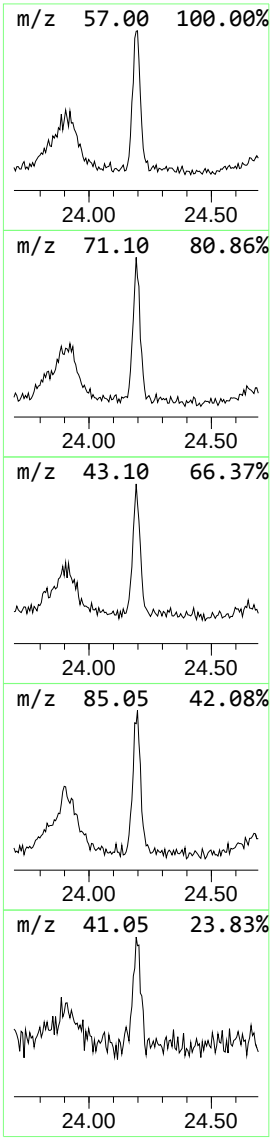
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.192 | 2.66 ng/ul | 66563 | Perylene-d12 | 25.268 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 94 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 90 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 4 | Eicosane, 1-iodo- | 408 | C20H41I | 1000406-31-8 | 87 |
| 5 | Eicosane | 282 | C20H42 | 000112-95-8 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

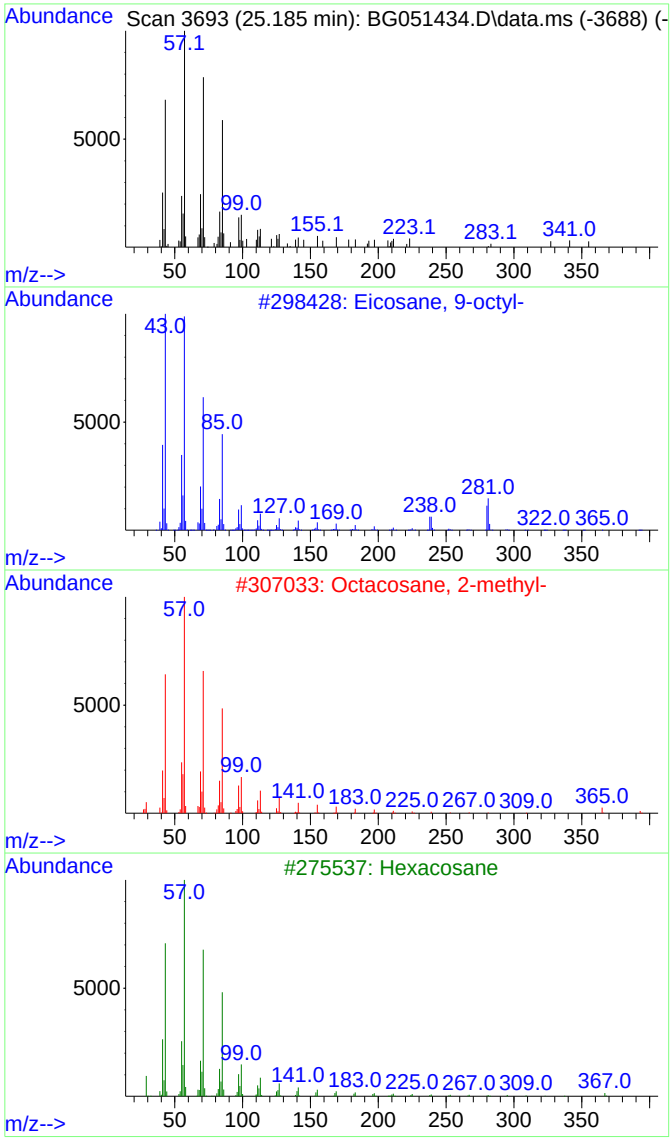
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

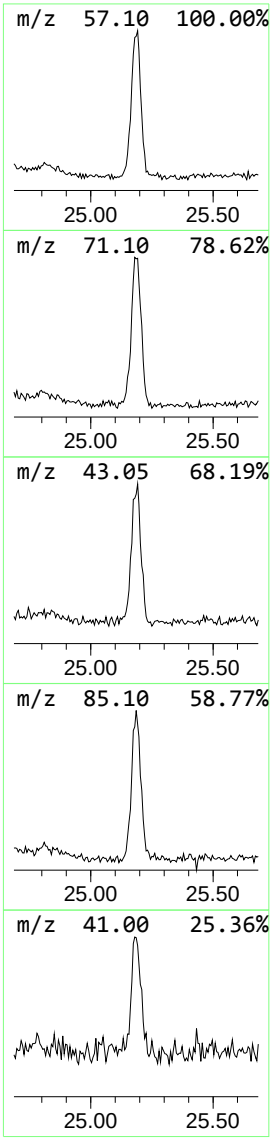
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.185 | 2.87 ng/ul | 71901 | Perylene-d12 | 25.268 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 9-octyl- | 394 | C28H58 | 013475-77-9 | 87 |
| 2 | Octacosane, 2-methyl- | 408 | C29H60 | 001560-98-1 | 87 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 4 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 87 |
| 5 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

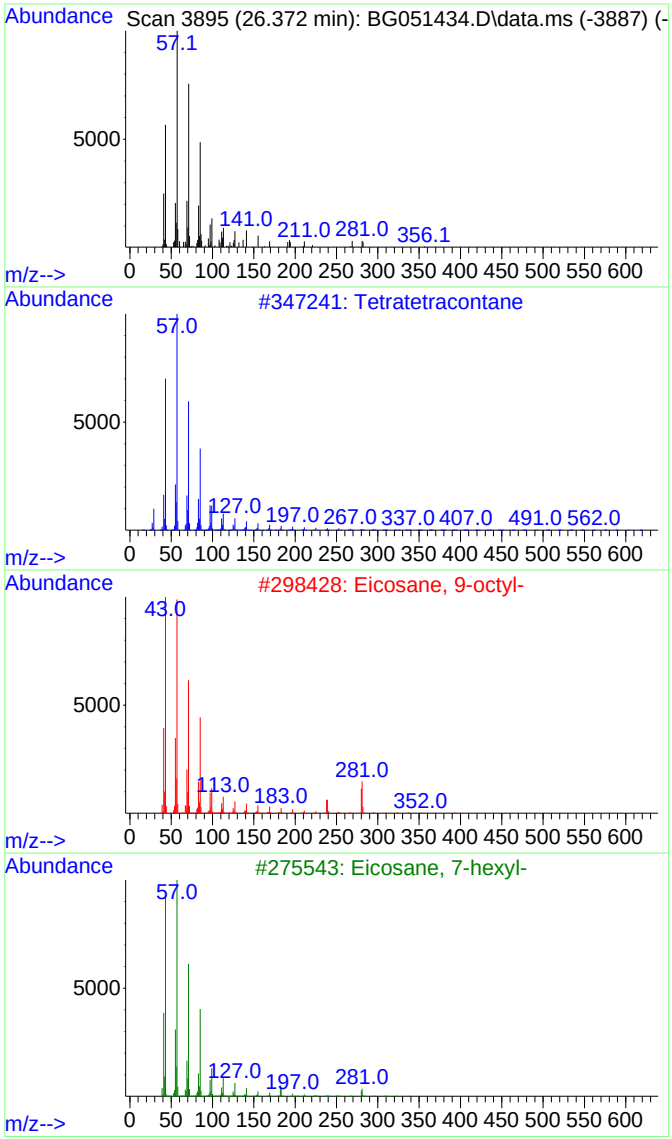
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

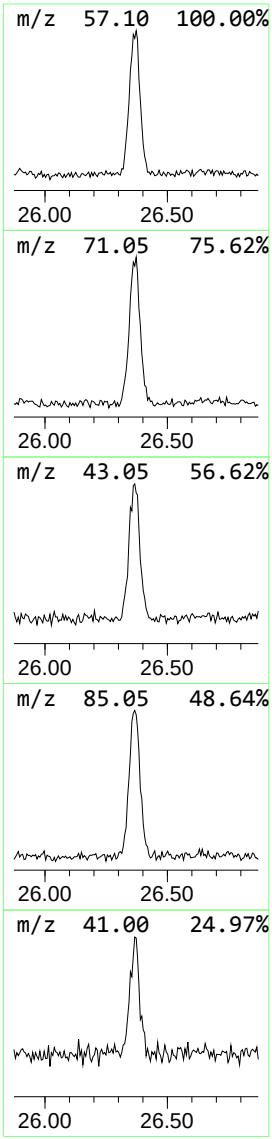
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.372 | 4.94 ng/ul | 123502 | Perylene-d12 | 25.268 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 91 |
| 2 | Eicosane, 9-octyl- | 394 | C28H58 | 013475-77-9 | 90 |
| 3 | Eicosane, 7-hexyl- | 366 | C26H54 | 055333-99-8 | 90 |
| 4 | Tetracosane, 11-decyl- | 479 | C34H70 | 055429-84-0 | 90 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

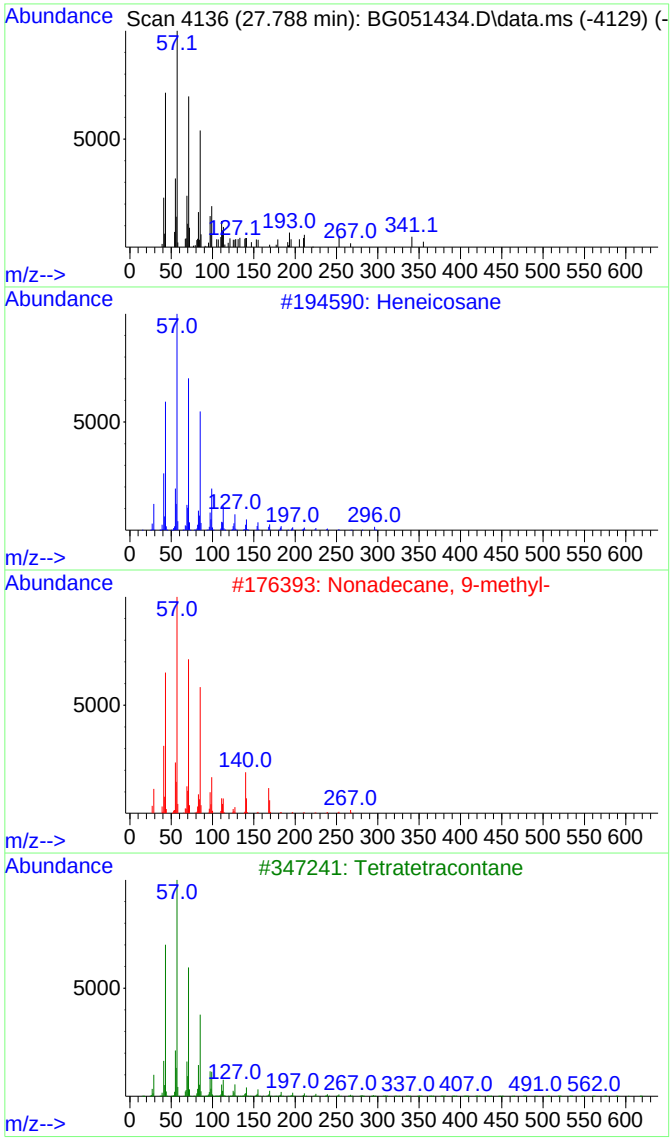
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.M
Quant Title : SVOA CALIBRATION

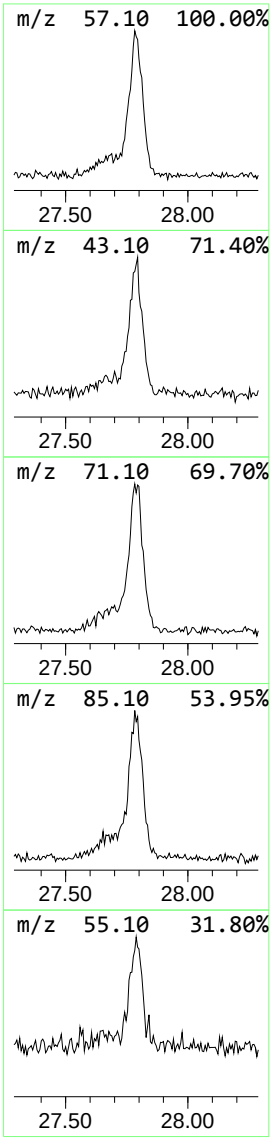
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 27.788 | 4.73 ng/ul | 118491 | Perylene-d12 | 25.268 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 80 |
| 2 | Nonadecane, 9-methyl- | 282 | C20H42 | 013287-24-6 | 78 |
| 3 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 72 |
| 4 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 72 |
| 5 | 5,5-Diethylheptadecane | 296 | C21H44 | 1010360-41-7 | 72 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120921\
Data File : BG051434.D
Acq On : 9 Dec 2021 15:21
Operator : CG/JU
Sample : M4870-01DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKN8DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120821.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 |
| unknown-01 | 3.887 | 3.3 | ng/ul | 34007 | 1 | 8.188 | 205229 | 20.0 |
| Benzene, (1-met... | 6.642 | 3.1 | ng/ul | 31778 | 1 | 8.188 | 205229 | 20.0 |
| Benzene, propyl- | 7.142 | 2.5 | ng/ul | 25646 | 1 | 8.188 | 205229 | 20.0 |
| Benzene, 1-ethy... | 7.248 | 9.1 | ng/ul | 93288 | 1 | 8.188 | 205229 | 20.0 |
| Benzene, 1-ethy... | 7.559 | 4.4 | ng/ul | 45475 | 1 | 8.188 | 205229 | 20.0 |
| Benzene, 1,2,3-... | 7.817 | 18.4 | ng/ul | 189142 | 1 | 8.188 | 205229 | 20.0 |
| Benzofuran | 7.906 | 2.5 | ng/ul | 25275 | 1 | 8.188 | 205229 | 20.0 |
| Indane | 8.558 | 8.9 | ng/ul | 91015 | 1 | 8.188 | 205229 | 20.0 |
| Benzene, 1-prop... | 8.728 | 4.8 | ng/ul | 49179 | 1 | 8.188 | 205229 | 20.0 |
| 1,3-Cyclopentad... | 8.816 | 2.1 | ng/ul | 21474 | 1 | 8.188 | 205229 | 20.0 |
| Benzaldehyde, 2... | 9.098 | 12.6 | ng/ul | 129281 | 1 | 8.188 | 205229 | 20.0 |
| Hexanoic acid, ... | 9.568 | 58.9 | ng/ul | 604388 | 1 | 8.188 | 205229 | 20.0 |
| Octanoic acid | 10.362 | 4.8 | ng/ul | 77887 | 2 | 11.014 | 323488 | 20.0 |
| Phenol, 2-ethyl- | 10.456 | 6.2 | ng/ul | 99549 | 2 | 11.014 | 323488 | 20.0 |
| Benzene, 1-meth... | 10.497 | 3.1 | ng/ul | 50486 | 2 | 11.014 | 323488 | 20.0 |
| Benzo[c]thiophene | 11.184 | 2.1 | ng/ul | 33654 | 2 | 11.014 | 323488 | 20.0 |
| Hydrazine, 1-et... | 11.842 | 2.5 | ng/ul | 40845 | 2 | 11.014 | 323488 | 20.0 |
| 1H-Inden-1-one,... | 12.400 | 2.3 | ng/ul | 36488 | 2 | 11.014 | 323488 | 20.0 |
| Benzenamine, 2,... | 13.276 | 3.1 | ng/ul | 67595 | 3 | 14.821 | 441504 | 20.0 |
| (DEL) Alkane: S... | 24.192 | 2.7 | ng/ul | 66563 | 6 | 25.268 | 500512 | 20.0 |
| (DEL) Alkane: S... | 25.185 | 2.9 | ng/ul | 71901 | 6 | 25.268 | 500512 | 20.0 |
| (DEL) Alkane: S... | 26.372 | 4.9 | ng/ul | 123502 | 6 | 25.268 | 500512 | 20.0 |
| (DEL) Alkane: S... | 27.788 | 4.7 | ng/ul | 118491 | 6 | 25.268 | 500512 | 20.0 |