LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DBK24

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-BM062221.M
Title : SVOA CALIBRATION

Signal : TIC: BM030810.D

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.222 | 18 | 23 | 28 | rBV | 267634 | 392822 | 2.99% | 0.717% |
| 2 | 3.687 | 99 | 102 | 121 | rBV | 64979 | 175408 | 1.33% | 0.320% |
| 3 | 4.246 | 192 | 197 | 206 | rVB | 81103 | 107121 | 0.81% | 0.196% |
| 4 | 4.510 | 235 | 242 | 253 | rVB | 665072 | 995675 | 7.57% | 1.818% |
| 5 | 5.099 | 335 | 342 | 354 | rBV | 332470 | 518941 | 3.94% | 0.948% |
| 6 | 5.293 | 369 | 375 | 381 | rBV | 36799 | 56078 | 0.43% | 0.102% |
| 7 | 5.787 | 453 | 459 | 465 | rBV | 48806 | 74648 | 0.57% | 0.136% |
| 8 | 6.104 | 509 | 513 | 524 | rBV | 39668 | 71137 | 0.54% | 0.130% |
| 9 | 6.263 | 529 | 540 | 546 | rBV | 81674 | 128153 | 0.97% | 0.234% |
| 10 | 6.751 | 616 | 623 | 631 | rBV | 107334 | 164780 | 1.25% | 0.301% |
| 11 | 6.857 | 635 | 641 | 646 | rVV | 85103 | 127979 | 0.97% | 0.234% |
| 12 | 6.934 | 646 | 654 | 660 | rVV2 | 126670 | 280786 | 2.13% | 0.513% |
| 13 | 6.993 | 660 | 664 | 670 | rVB | 59688 | 90513 | 0.69% | 0.165% |
| 14 | 7.104 | 676 | 683 | 688 | rBV | 345425 | 550166 | 4.18% | 1.005% |
| 15 | 7.157 | 688 | 692 | 696 | rVV | 104000 | 168030 | 1.28% | 0.307% |
| 16 | 7.198 | 696 | 699 | 705 | rVV | 63357 | 88601 | 0.67% | 0.162% |
| 17 | 7.298 | 707 | 716 | 726 | rVV | 389470 | 641323 | 4.87% | 1.171% |
| 18 | 7.416 | 726 | 736 | 741 | rVB | 100353 | 170179 | 1.29% | 0.311% |
| 19 | 7.763 | 788 | 795 | 799 | rBV | 352915 | 575398 | 4.37% | 1.051% |
| 20 | 7.798 | 799 | 801 | 810 | rVV2 | 95125 | 151145 | 1.15% | 0.276% |
| 21 | 7.881 | 810 | 815 | 820 | rVV | 62639 | 102617 | 0.78% | 0.187% |
| 22 | 7.998 | 827 | 835 | 843 | rBV | 225185 | 359562 | 2.73% | 0.657% |
| 23 | 8.134 | 849 | 858 | 863 | rBV2 | 195612 | 422818 | 3.21% | 0.772% |
| 24 | 8.192 | 863 | 868 | 874 | rVV | 306328 | 492742 | 3.74% | 0.900% |
| 25 | 8.251 | 874 | 878 | 883 | rVB3 | 29839 | 49746 | 0.38% | 0.091% |
| 26 | 8.398 | 893 | 903 | 909 | rBV6 | 42966 | 106923 | 0.81% | 0.195% |
| 27 | 8.469 | 909 | 915 | 925 | rVV | 300552 | 508904 | 3.87% | 0.929% |
| 28 | 8.569 | 927 | 932 | 940 | rVB2 | 67225 | 115533 | 0.88% | 0.211% |
| 29 | 8.757 | 959 | 964 | 977 | rVB3 | 27035 | 61364 | 0.47% | 0.112% |
| 30 | 8.869 | 977 | 983 | 986 | rBV3 | 54156 | 115408 | 0.88% | 0.211% |
| 31 | 8.922 | 986 | 992 | 1003 | rVB | 416684 | 738430 | 5.61% | 1.348% |
| 32 | 9.169 | 1028 | 1034 | 1037 | rBV6 | 16216 | 41161 | 0.31% | 0.075% |
| 33 | 9.210 | 1037 | 1041 | 1046 | rVB5 | 25017 | 45499 | 0.35% | 0.083% |
| 34 | 9.351 | 1056 | 1065 | 1069 | rBV5 | 43730 | 86561 | 0.66% | 0.158% |
| 35 | 9.486 | 1083 | 1088 | 1092 | rVV | 51952 | 77518 | 0.59% | 0.142% |
| 36 | 9.563 | 1097 | 1101 | 1105 | rVB2 | 31165 | 47892 | 0.36% | 0.087% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DBK24

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-BM062221.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 9.639 | 1105 | 1114 | 1122 | rBV2 | 356284 | 729138 | 5.54% | 1.331% |
| 38 | 9.710 | 1122 | 1126 | 1131 | rVB2 | 26569 | 42033 | 0.32% | 0.077% |
| 39 | 9.792 | 1135 | 1140 | 1146 | rBV3 | 123940 | 193212 | 1.47% | 0.353% |
| 40 | 9.963 | 1163 | 1169 | 1171 | rBV4 | 35793 | 65240 | 0.50% | 0.119% |
| 41 | 10.051 | 1178 | 1184 | 1189 | rBV | 207706 | 371606 | 2.82% | 0.679% |
| 42 | 10.175 | 1195 | 1205 | 1212 | rBV | 530615 | 935428 | 7.11% | 1.708% |
| 43 | 10.245 | 1212 | 1217 | 1226 | rVV5 | 168461 | 347450 | 2.64% | 0.634% |
| 44 | 10.333 | 1226 | 1232 | 1241 | rVB | 232010 | 387378 | 2.94% | 0.707% |
| 45 | 10.428 | 1241 | 1248 | 1254 | rBV3 | 116330 | 289436 | 2.20% | 0.528% |
| 46 | 10.475 | 1254 | 1256 | 1262 | rVB | 45767 | 58062 | 0.44% | 0.106% |
| 47 | 10.551 | 1262 | 1269 | 1274 | rBV | 454865 | 779939 | 5.93% | 1.424% |
| 48 | 10.598 | 1274 | 1277 | 1283 | rVB | 51265 | 83225 | 0.63% | 0.152% |
| 49 | 10.686 | 1284 | 1292 | 1300 | rBV | 372350 | 727741 | 5.53% | 1.329% |
| 50 | 10.757 | 1300 | 1304 | 1307 | rBV | 45602 | 65866 | 0.50% | 0.120% |
| 51 | 10.792 | 1307 | 1310 | 1313 | rVV | 54618 | 85285 | 0.65% | 0.156% |
| 52 | 10.828 | 1313 | 1316 | 1325 | rVB3 | 92897 | 203903 | 1.55% | 0.372% |
| 53 | 11.022 | 1343 | 1349 | 1357 | rVB2 | 40328 | 73344 | 0.56% | 0.134% |
| 54 | 11.463 | 1418 | 1424 | 1429 | rBV | 175876 | 299500 | 2.28% | 0.547% |
| 55 | 11.669 | 1451 | 1459 | 1463 | rBV3 | 41115 | 87806 | 0.67% | 0.160% |
| 56 | 11.710 | 1463 | 1466 | 1473 | rVB5 | 28218 | 50409 | 0.38% | 0.092% |
| 57 | 11.945 | 1493 | 1506 | 1514 | rBV6 | 50708 | 162053 | 1.23% | 0.296% |
| 58 | 12.092 | 1522 | 1531 | 1536 | rBV3 | 51416 | 115436 | 0.88% | 0.211% |
| 59 | 12.375 | 1574 | 1579 | 1585 | rBV2 | 57109 | 94917 | 0.72% | 0.173% |
| 60 | 12.533 | 1601 | 1606 | 1610 | rBV2 | 54766 | 90433 | 0.69% | 0.165% |
| 61 | 12.680 | 1625 | 1631 | 1635 | rBV | 74167 | 121148 | 0.92% | 0.221% |
| 62 | 12.733 | 1636 | 1640 | 1646 | rVB6 | 21689 | 43358 | 0.33% | 0.079% |
| 63 | 12.822 | 1646 | 1655 | 1662 | rBV | 138199 | 266201 | 2.02% | 0.486% |
| 64 | 12.898 | 1662 | 1668 | 1677 | rVV2 | 314524 | 581982 | 4.42% | 1.063% |
| 65 | 13.098 | 1696 | 1702 | 1708 | rBV2 | 194168 | 373575 | 2.84% | 0.682% |
| 66 | 13.145 | 1708 | 1710 | 1716 | rVV | 75516 | 117366 | 0.89% | 0.214% |
| 67 | 13.210 | 1716 | 1721 | 1730 | rVB5 | 46638 | 108488 | 0.82% | 0.198% |
| 68 | 13.304 | 1730 | 1737 | 1740 | rBV6 | 18986 | 46080 | 0.35% | 0.084% |
| 69 | 13.351 | 1740 | 1745 | 1750 | rVV3 | 41821 | 88405 | 0.67% | 0.161% |
| 70 | 13.410 | 1750 | 1755 | 1768 | rVB | 143816 | 289839 | 2.20% | 0.529% |
| 71 | 13.810 | 1817 | 1823 | 1830 | rVB | 926436 | 1313595 | 9.98% | 2.399% |
| 72 | 14.016 | 1853 | 1858 | 1862 | rVV3 | 54691 | 87019 | 0.66% | 0.159% |
| 73 | 14.086 | 1864 | 1870 | 1879 | rVB | 1012621 | 1518206 | 11.54% | 2.772% |
| 74 | 14.398 | 1915 | 1923 | 1930 | rVB | 630721 | 1002110 | 7.62% | 1.830% |
| 75 | 14.598 | 1944 | 1957 | 1964 | rBV5 | 108604 | 268776 | 2.04% | 0.491% |
| 76 | 14.710 | 1970 | 1976 | 1982 | rBV4 | 28389 | 63665 | 0.48% | 0.116% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DBK24

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-BM062221.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 14.927 | 2007 | 2013 | 2018 | rVV2 | 165653 | 285028 | 2.17% | 0.520% |
| 78 | 14.980 | 2018 | 2022 | 2025 | rVV | 294868 | 428477 | 3.26% | 0.782% |
| 79 | 15.021 | 2025 | 2029 | 2034 | rVB | 693753 | 945147 | 7.18% | 1.726% |
| 80 | 15.186 | 2054 | 2057 | 2065 | rVB3 | 35117 | 51680 | 0.39% | 0.094% |
| 81 | 15.263 | 2065 | 2070 | 2079 | rVB7 | 25809 | 48031 | 0.37% | 0.088% |
| 82 | 15.386 | 2081 | 2091 | 2098 | rBV | 1345264 | 1977007 | 15.02% | 3.610% |
| 83 | 15.521 | 2107 | 2114 | 2121 | rBV | 2485358 | 3824279 | 29.06% | 6.983% |
| 84 | 15.574 | 2121 | 2123 | 2129 | rVV | 58305 | 85692 | 0.65% | 0.156% |
| 85 | 15.651 | 2129 | 2136 | 2143 | rVB2 | 45901 | 111806 | 0.85% | 0.204% |
| 86 | 16.215 | 2227 | 2232 | 2237 | rVB | 202287 | 279632 | 2.13% | 0.511% |
| 87 | 16.357 | 2251 | 2256 | 2262 | rVB2 | 163683 | 234411 | 1.78% | 0.428% |
| 88 | 16.733 | 2316 | 2320 | 2323 | rBV4 | 28642 | 38665 | 0.29% | 0.071% |
| 89 | 16.798 | 2323 | 2331 | 2339 | rVV | 9716997 | 13158746 | 100.00% | 24.027% |
| 90 | 16.886 | 2343 | 2346 | 2353 | rVB3 | 125675 | 206709 | 1.57% | 0.377% |
| 91 | 17.139 | 2382 | 2389 | 2395 | rBV | 693916 | 1008953 | 7.67% | 1.842% |
| 92 | 17.233 | 2397 | 2405 | 2410 | rVV | 1502867 | 2131127 | 16.20% | 3.891% |
| 93 | 17.286 | 2410 | 2414 | 2422 | rVB | 240647 | 346564 | 2.63% | 0.633% |
| 94 | 17.492 | 2445 | 2449 | 2462 | rVB2 | 91495 | 183125 | 1.39% | 0.334% |
| 95 | 18.027 | 2534 | 2540 | 2547 | rBV | 73952 | 123573 | 0.94% | 0.226% |
| 96 | 19.521 | 2788 | 2794 | 2808 | rBV | 1812377 | 2456982 | 18.67% | 4.486% |
| 97 | 21.009 | 3044 | 3047 | 3054 | rBV2 | 73535 | 95194 | 0.72% | 0.174% |
| 98 | 21.303 | 3092 | 3097 | 3107 | rBV | 867303 | 1146473 | 8.71% | 2.093% |
| 99 | 23.409 | 3448 | 3455 | 3466 | rVB | 1433022 | 2820365 | 21.43% | 5.150% |
| 100 | 23.550 | 3473 | 3479 | 3489 | rVB2 | 647206 | 1248779 | 9.49% | 2.280% |

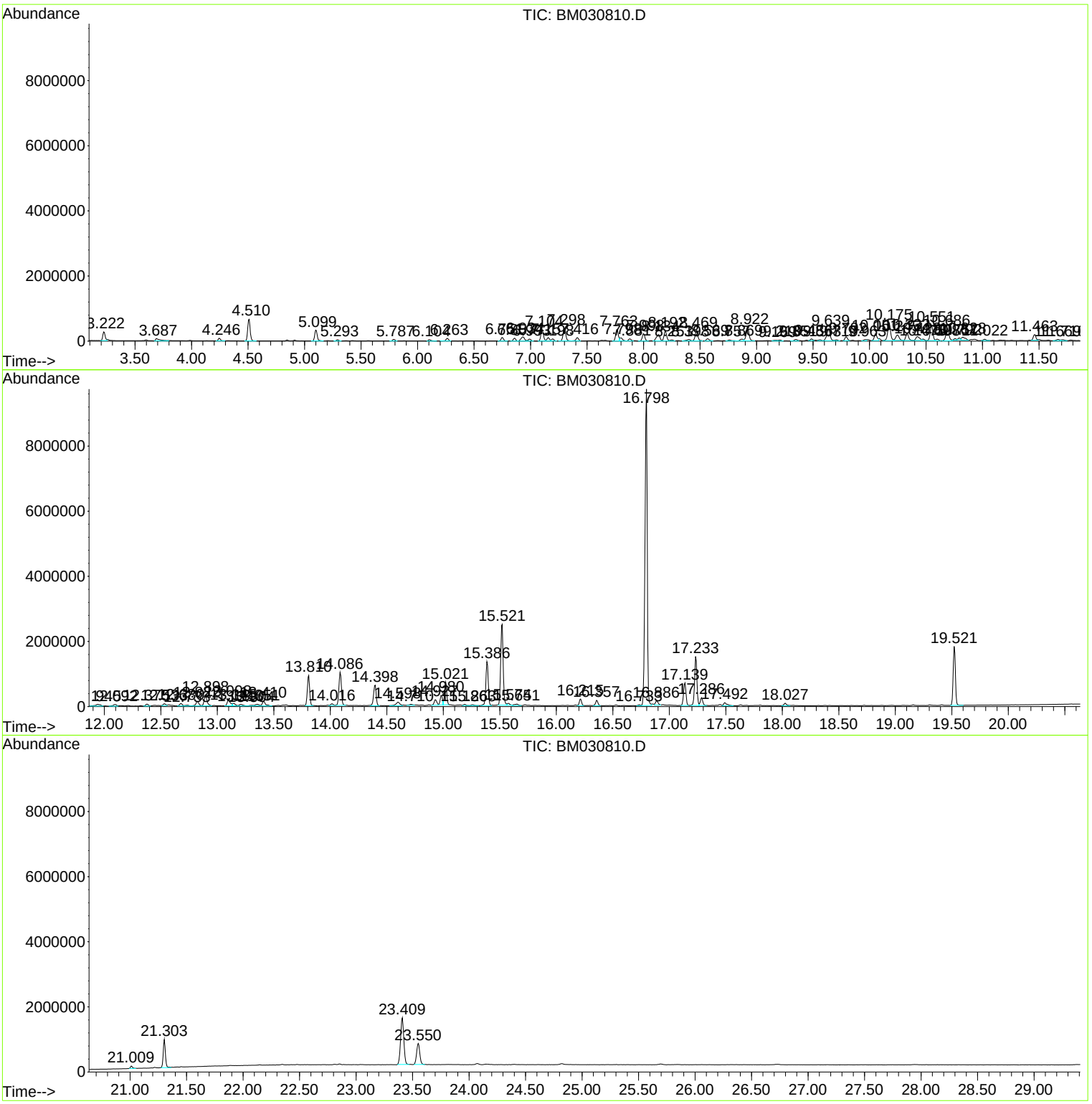
Sum of corrected areas: 54766659

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

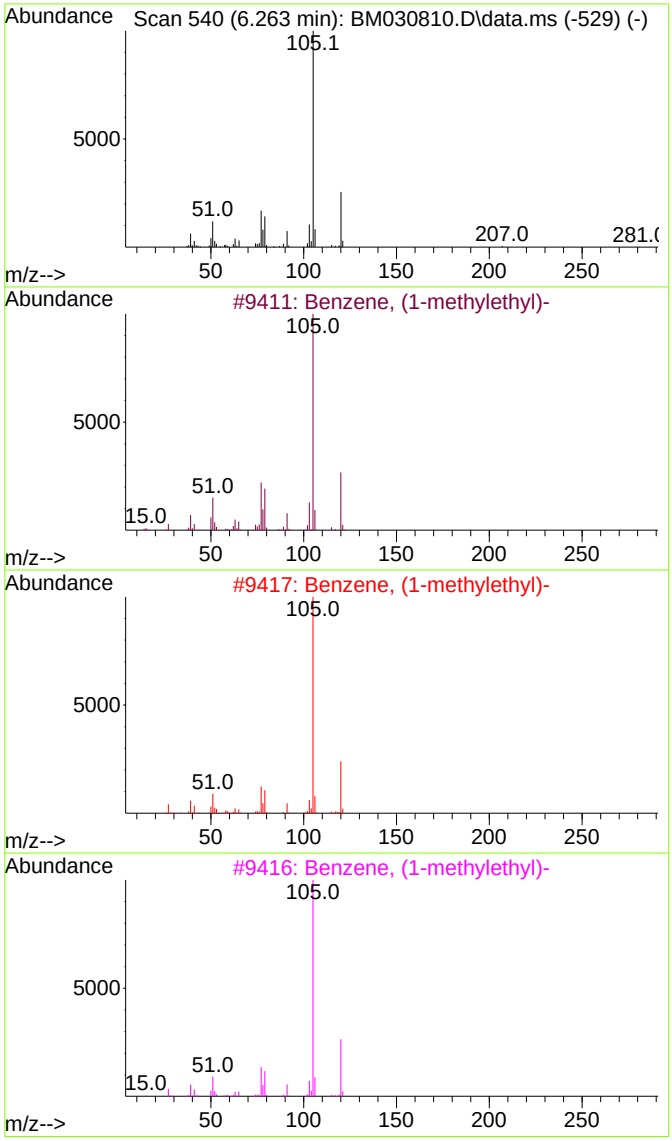
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

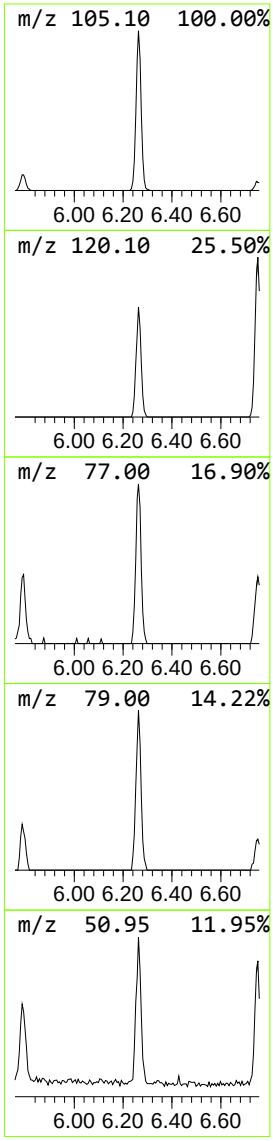
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, (1-methylethyl)- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.260 | 4.45 ng/ul | 128153 | 1,4-Dichlorobenzene-d4 | 7.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 97 |
| 2 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 94 |
| 3 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 94 |
| 4 | Benzene, (1-methylethyl)- | 120 | C9H12 | 000098-82-8 | 94 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

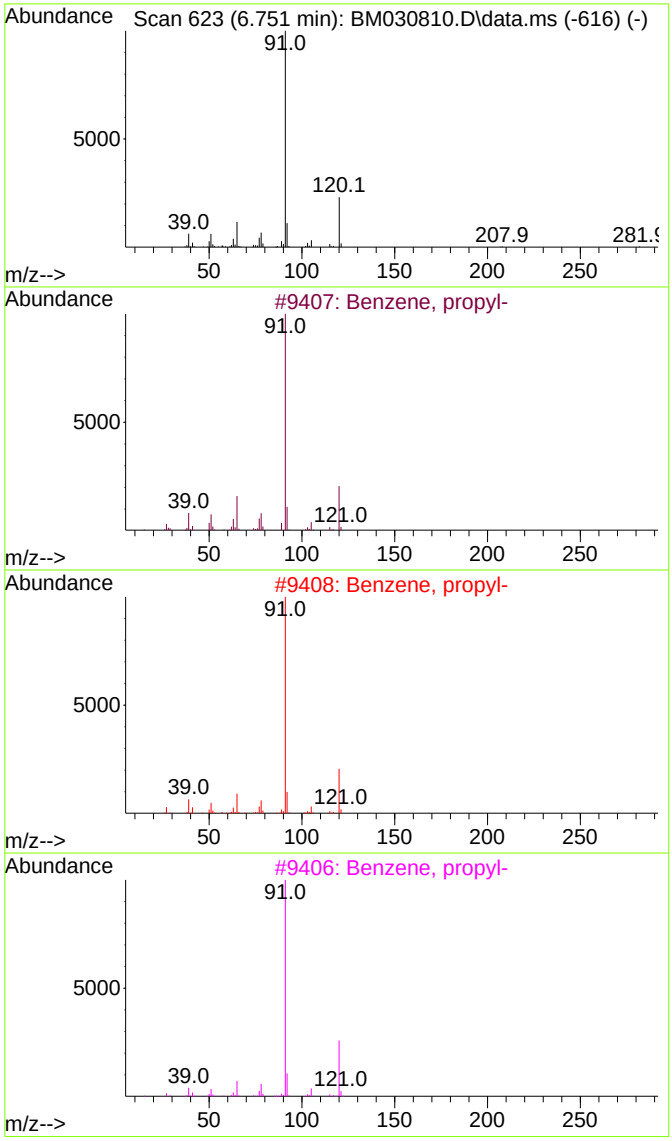
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

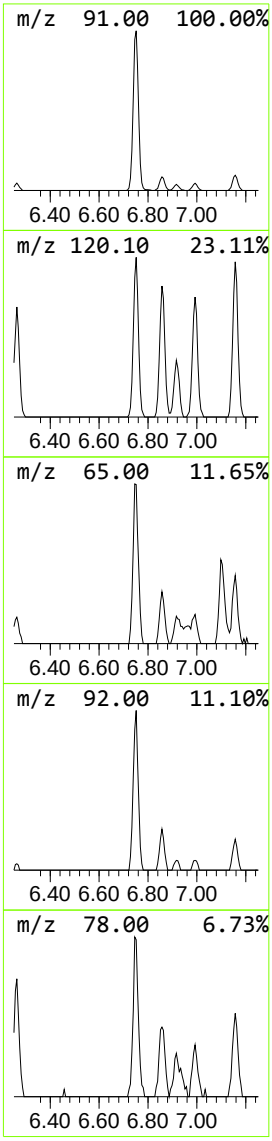
**********

Peak Number 7 Benzene, propyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.750 | 5.73 ng/ul | 164780 | 1,4-Dichlorobenzene-d4 | 7.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 90 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 87 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 80 |
| 4 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 78 |
| 5 | Ethanol, 2-[(phenylmethyl)amino]- | 151 | C9H13NO | 000104-63-2 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

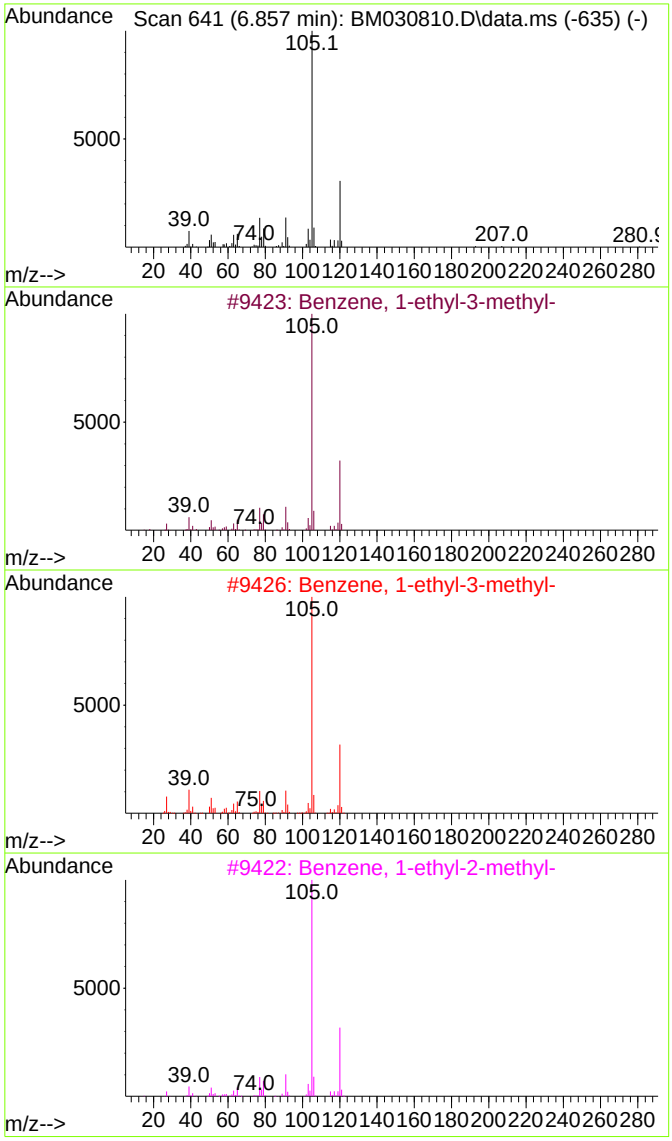
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

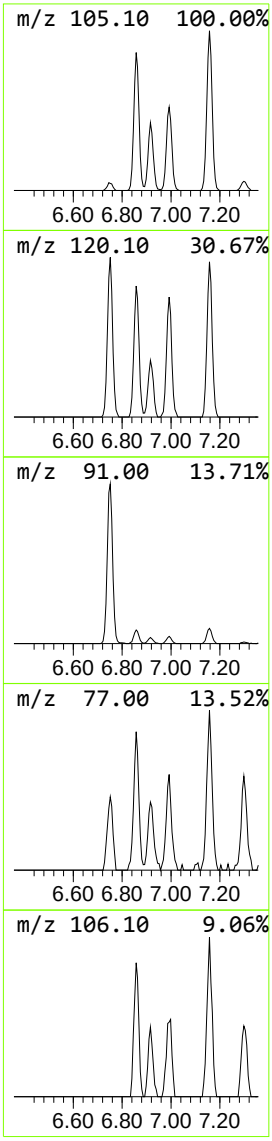
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.860 | 4.45 ng/ul | 127979 | 1,4-Dichlorobenzene-d4 | 7.763 |

| 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-3-methyl- | 120 | C9H12 | 000620-14-4 | 95 |
| 3 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 95 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

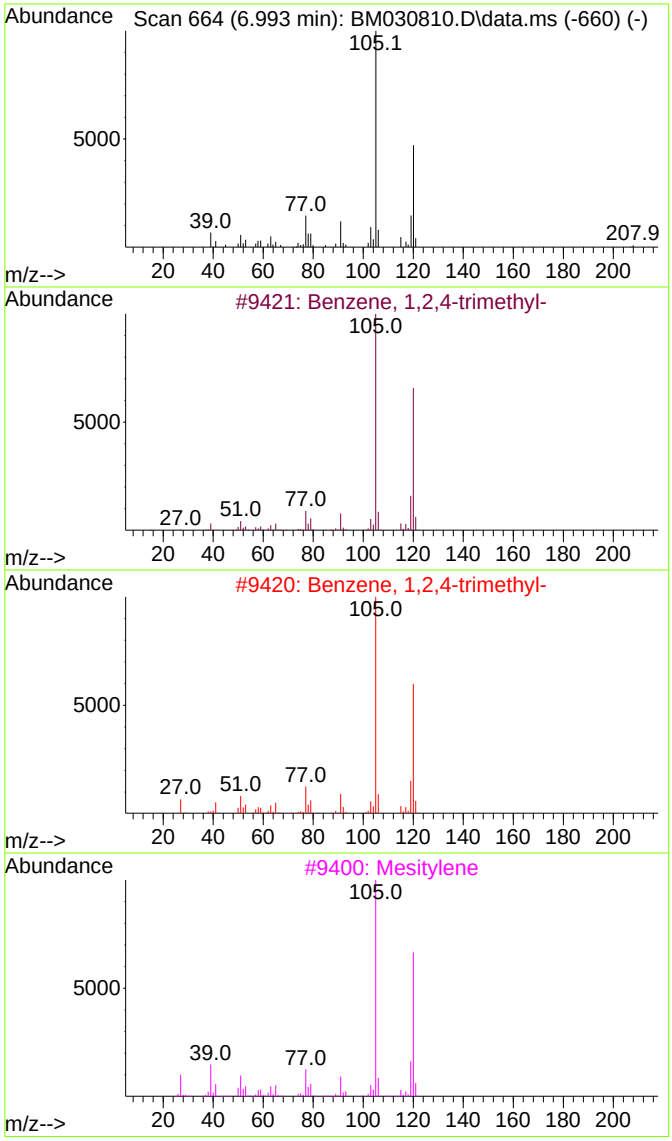
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

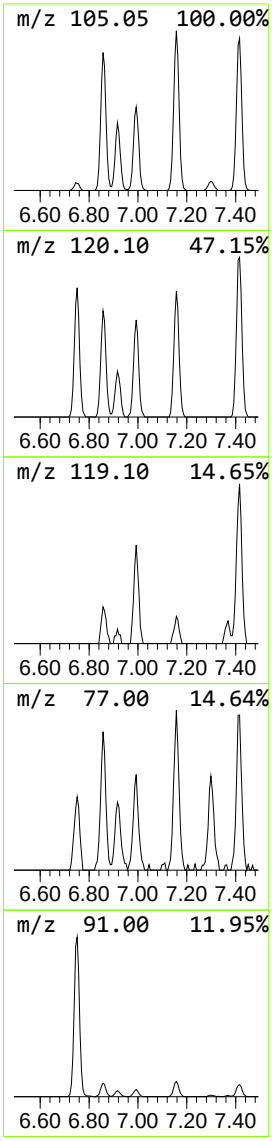
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.990 | 3.15 ng/ul | 90513 | 1,4-Dichlorobenzene-d4 | 7.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 2 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 5 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

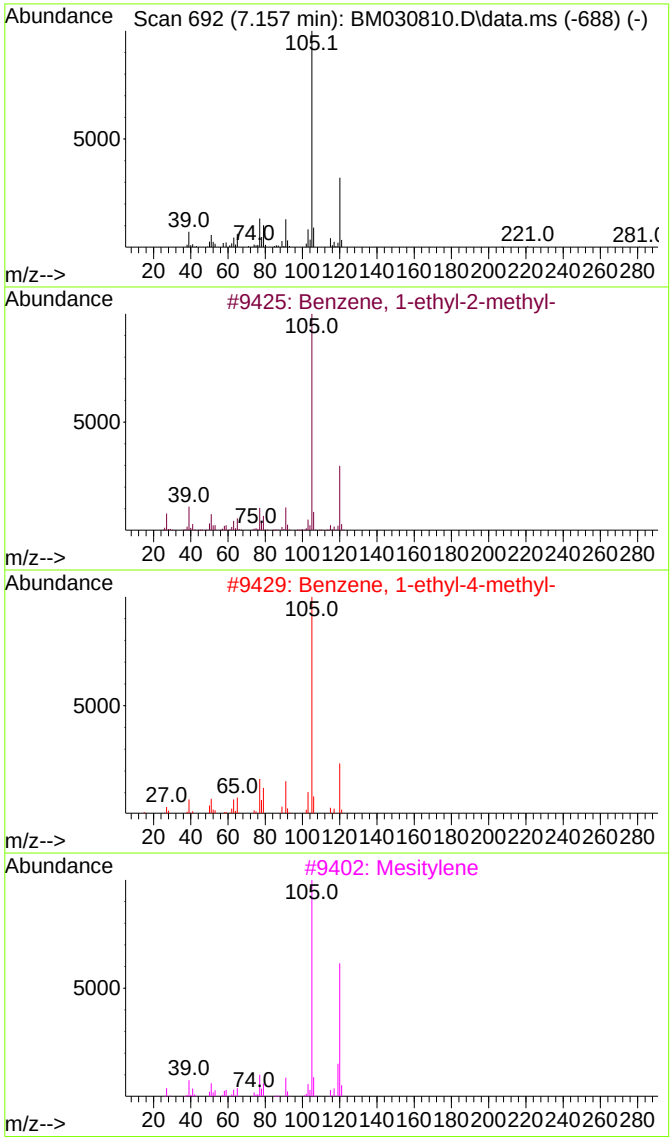
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

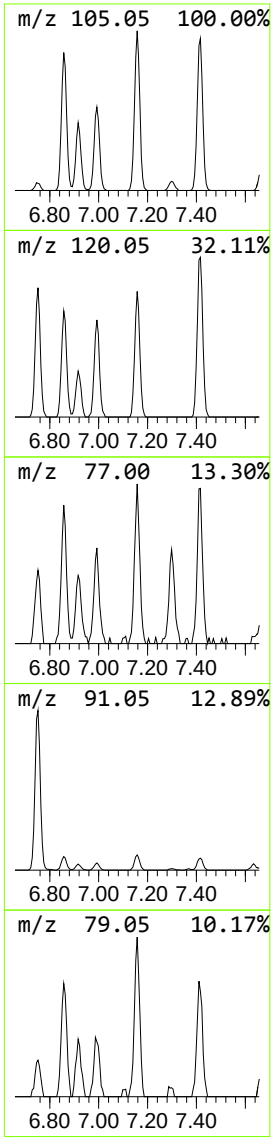
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.160 | 5.84 ng/ul | 168030 | 1,4-Dichlorobenzene-d4 | 7.763 |

| 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-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

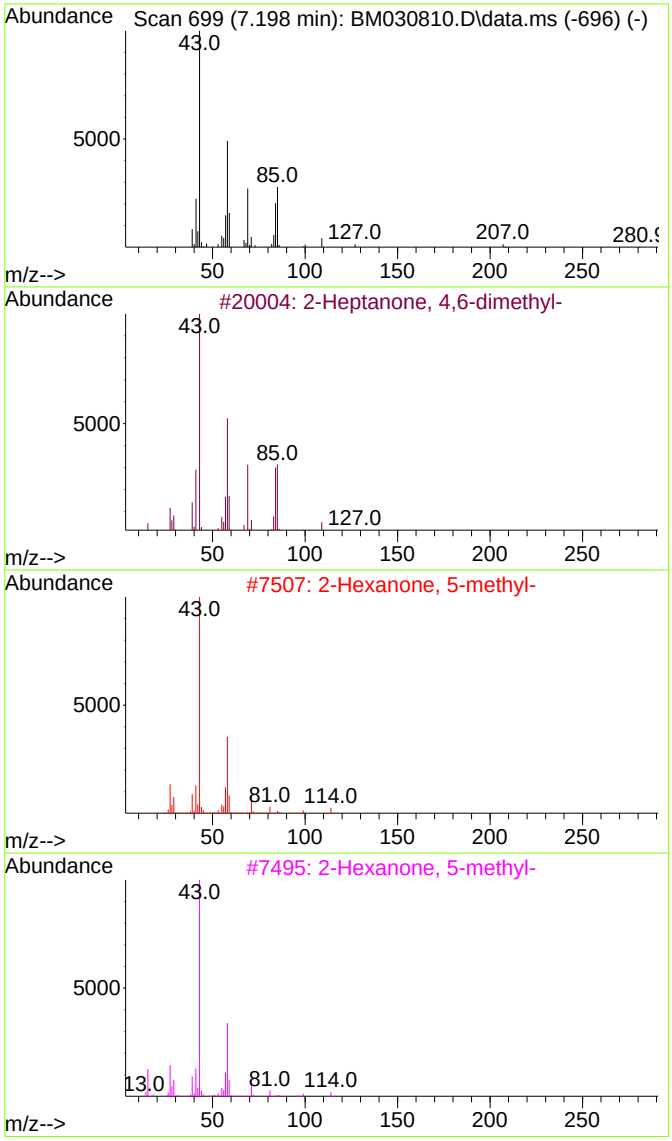
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

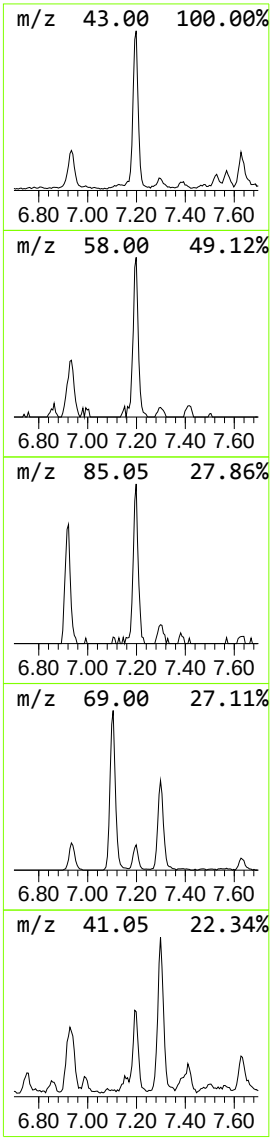
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 2-Heptanone, 4,6-dimethyl- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.200 | 3.08 ng/ul | 88601 | 1,4-Dichlorobenzene-d4 | 7.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Heptanone, 4,6-dimethyl- | 142 | C9H18O | 019549-80-5 | 64 |
| 2 | 2-Hexanone, 5-methyl- | 114 | C7H14O | 000110-12-3 | 47 |
| 3 | 2-Hexanone, 5-methyl- | 114 | C7H14O | 000110-12-3 | 47 |
| 4 | 2-Hexanone, 5-methyl- | 114 | C7H14O | 000110-12-3 | 38 |
| 5 | 2-Hexanone, 4-methyl- | 114 | C7H14O | 000105-42-0 | 38 |



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Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

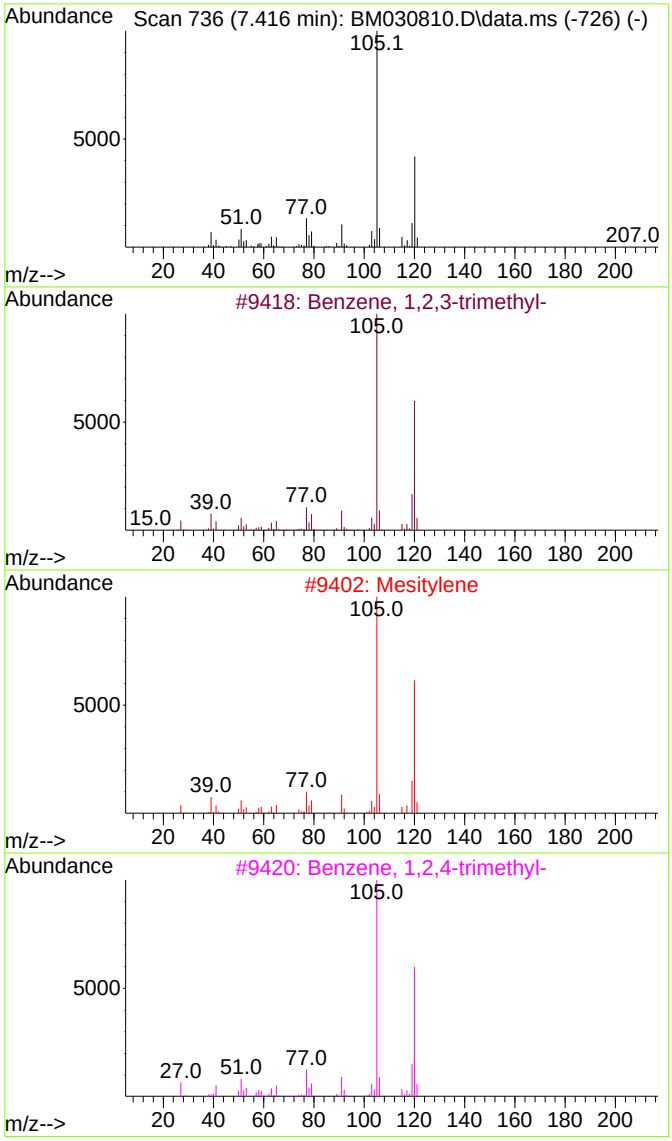
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

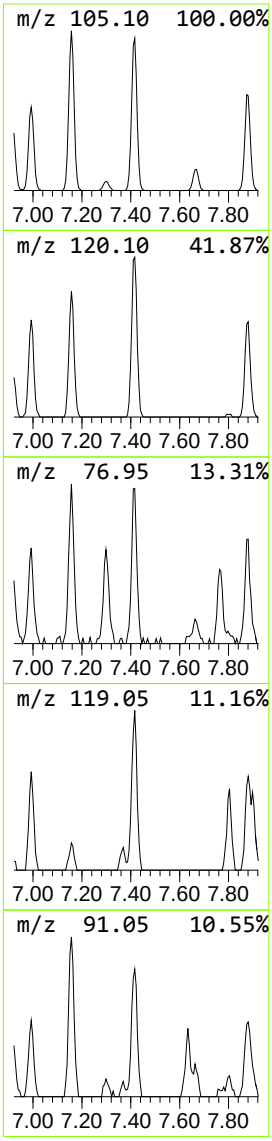
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.420 | 5.92 ng/ul | 170179 | 1,4-Dichlorobenzene-d4 | 7.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 95 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



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Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

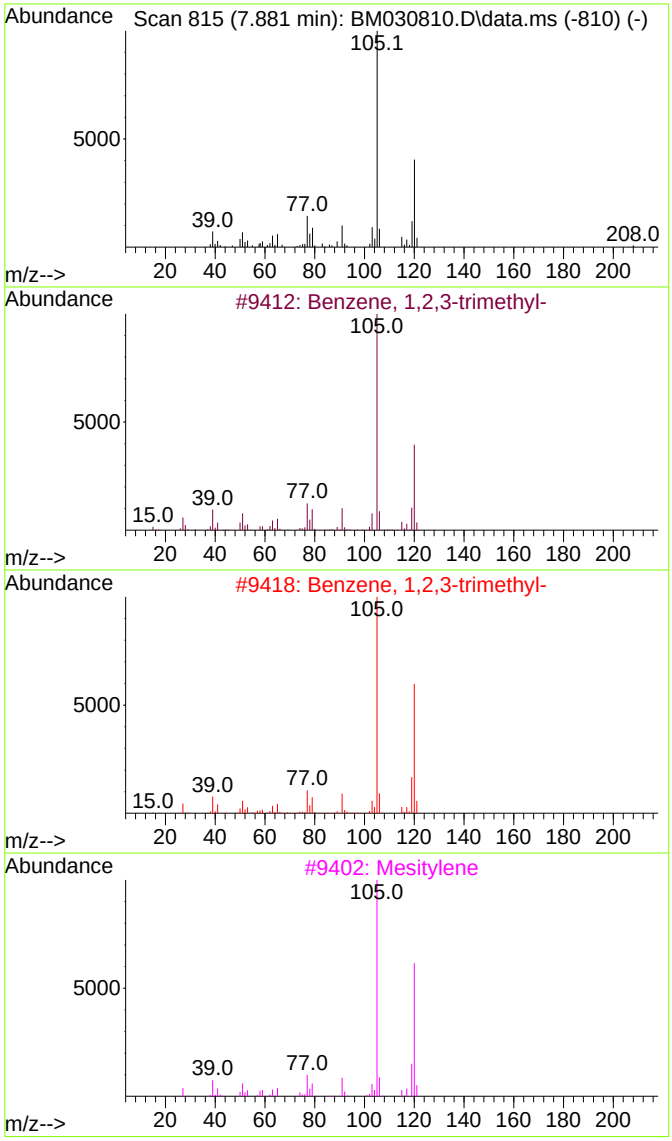
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

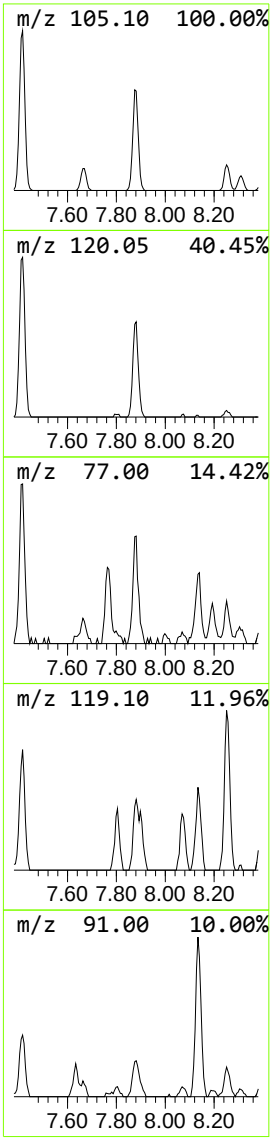
**********

Peak Number 13 Mesitylene Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.880 | 3.57 ng/ul | 102617 | 1,4-Dichlorobenzene-d4 | 7.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 97 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 5 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 93 |



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Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

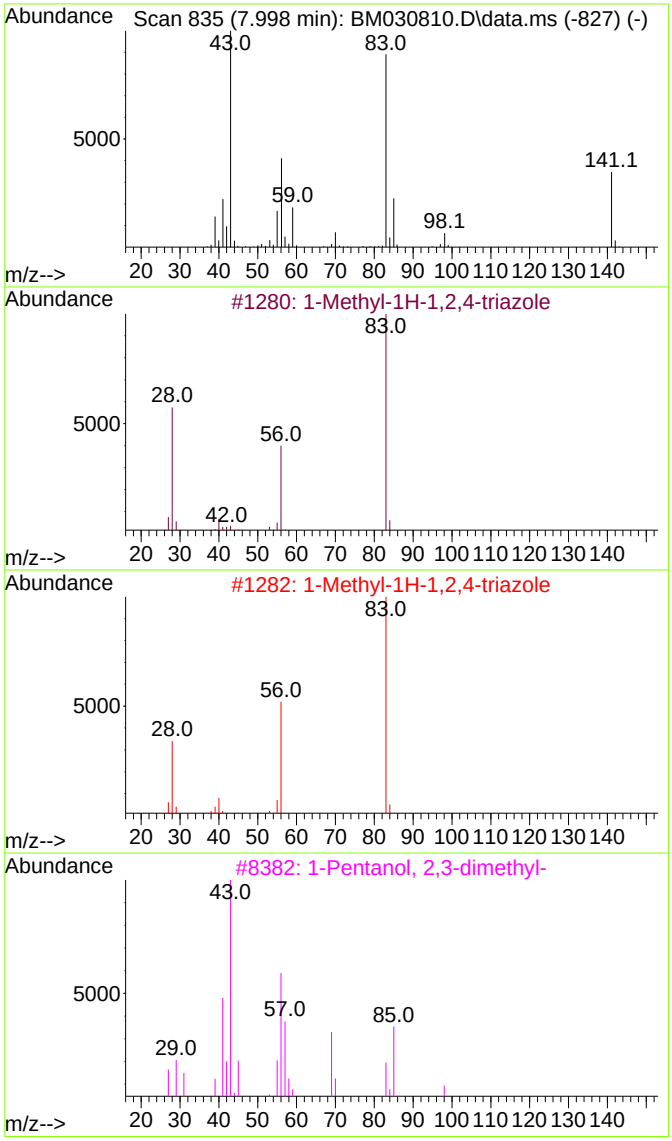
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

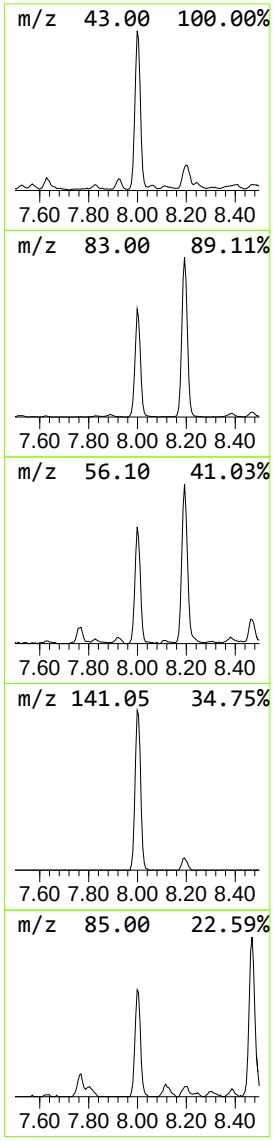
**********

Peak Number 14 unknown-01 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.000 | 12.50 ng/ul | 359562 | 1,4-Dichlorobenzene-d4 | 7.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Methyl-1H-1,2,4-triazole | 83 | C3H5N3 | 006086-21-1 | 47 |
| 2 | 1-Methyl-1H-1,2,4-triazole | 83 | C3H5N3 | 006086-21-1 | 37 |
| 3 | 1-Pentanol, 2,3-dimethyl- | 116 | C7H16O | 010143-23-4 | 23 |
| 4 | Oxalic acid, isohexyl pentyl ester | 244 | C13H24O4 | 1000309-32-8 | 14 |
| 5 | Hexane, 1-(hexyloxy)-2-methyl- | 200 | C13H28O | 074421-17-3 | 14 |



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Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

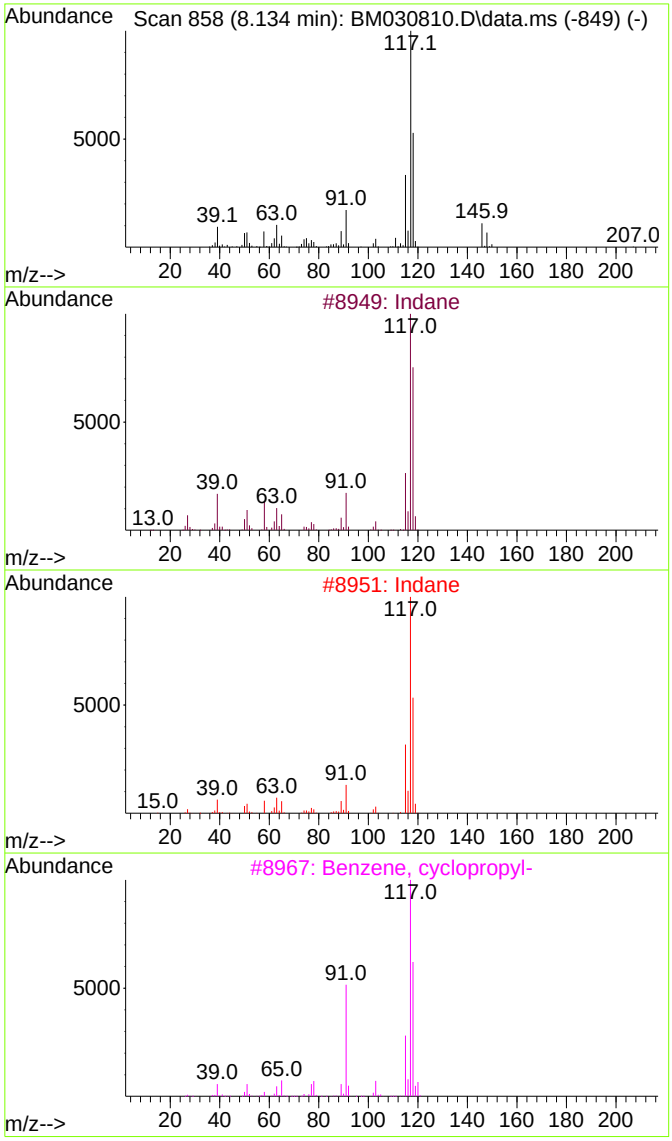
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

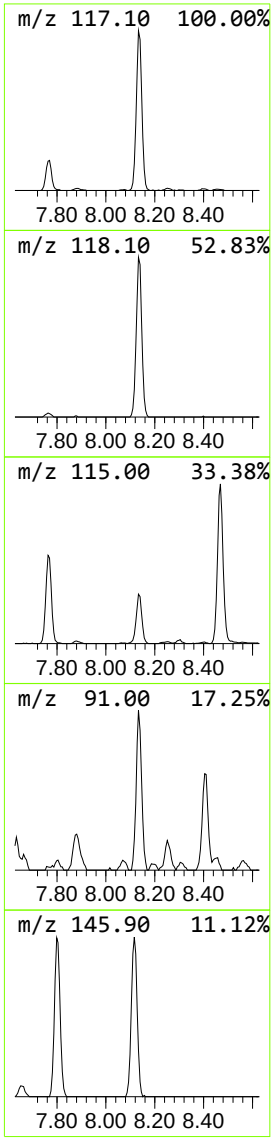
**********

Peak Number 15 Indane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.130 | 14.70 ng/ul | 422818 | 1,4-Dichlorobenzene-d4 | 7.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 89 |
| 2 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 3 | Benzene, cyclopropyl- | 118 | C9H10 | 000873-49-4 | 59 |
| 4 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 59 |
| 5 | (Z)-1-Phenylpropene | 118 | C9H10 | 000766-90-5 | 58 |



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Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

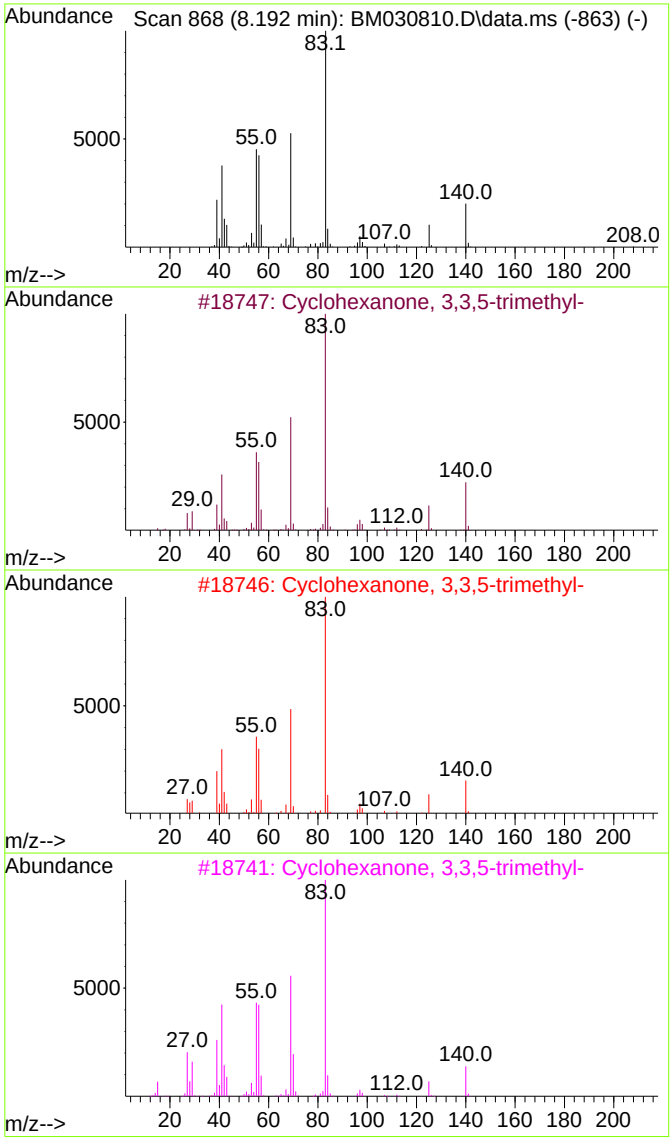
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

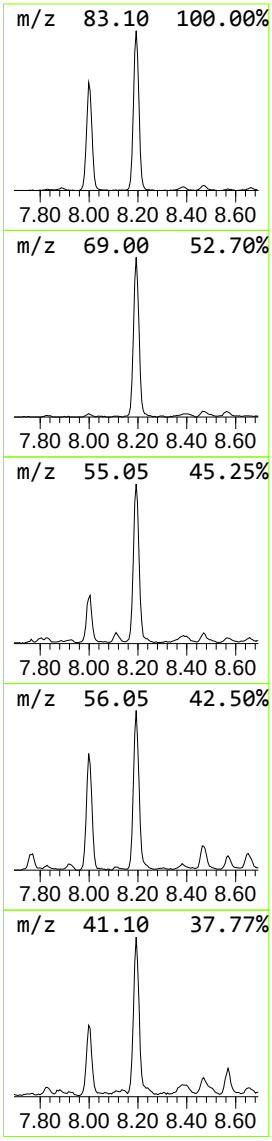
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Cyclohexanone, 3,3,5-trimet... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.190 | 17.13 ng/ul | 492742 | 1,4-Dichlorobenzene-d4 | 7.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 93 |
| 2 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 93 |
| 3 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 91 |
| 4 | Cyclohexanone, 3,3,5-trimethyl- | 140 | C9H16O | 000873-94-9 | 91 |
| 5 | Cyclopentanone, 3-butyl- | 140 | C9H16O | 057283-81-5 | 58 |



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Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

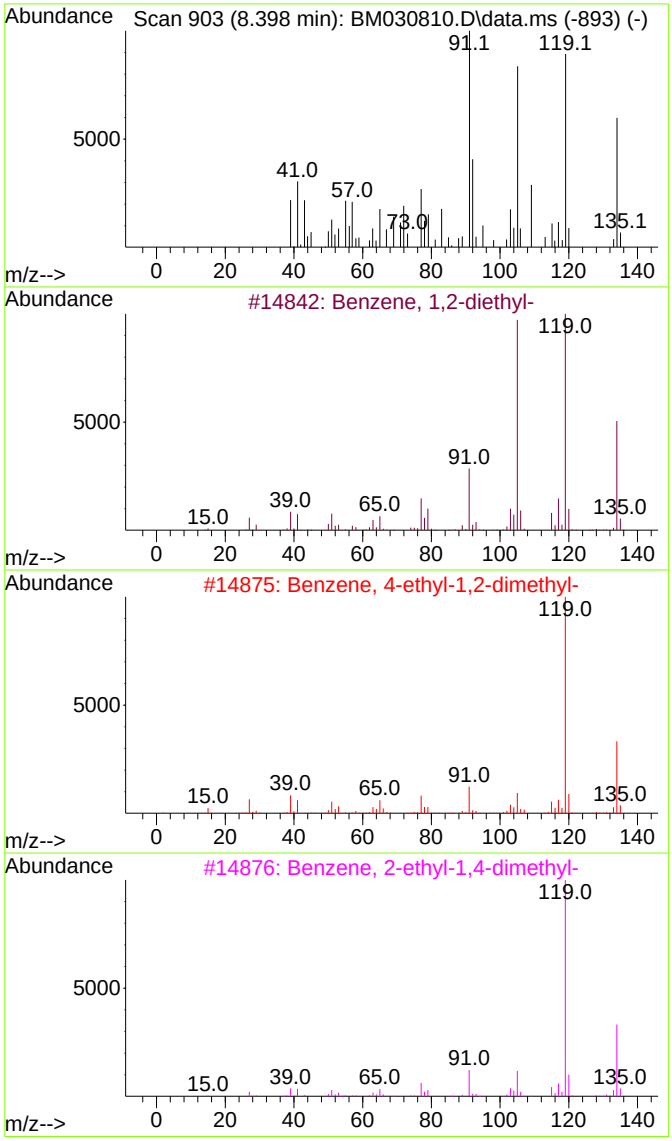
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

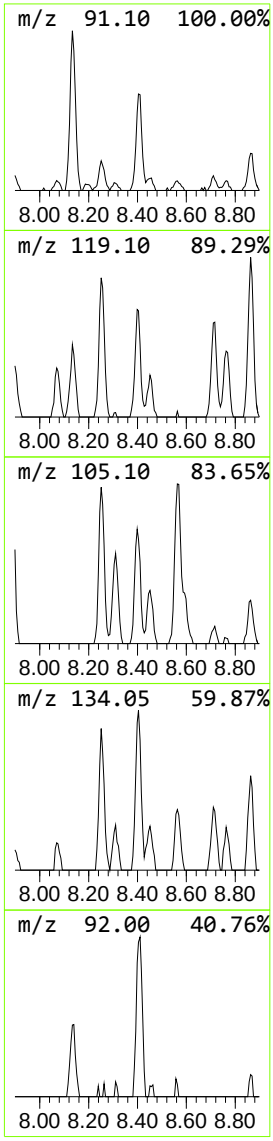
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 Benzene, 1,2-diethyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.400 | 3.72 ng/ul | 106923 | 1,4-Dichlorobenzene-d4 | 7.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2-diethyl- | 134 | C10H14 | 000135-01-3 | 93 |
| 2 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 86 |
| 3 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 86 |
| 4 | Benzene, 1,4-diethyl- | 134 | C10H14 | 000105-05-5 | 86 |
| 5 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 86 |



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Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

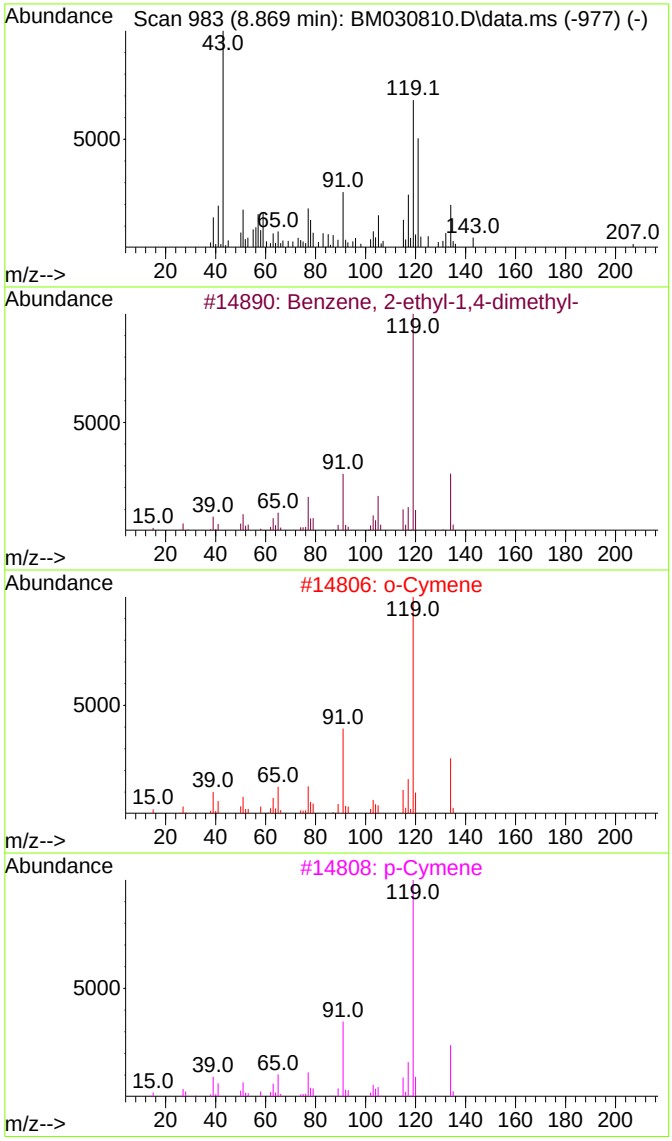
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

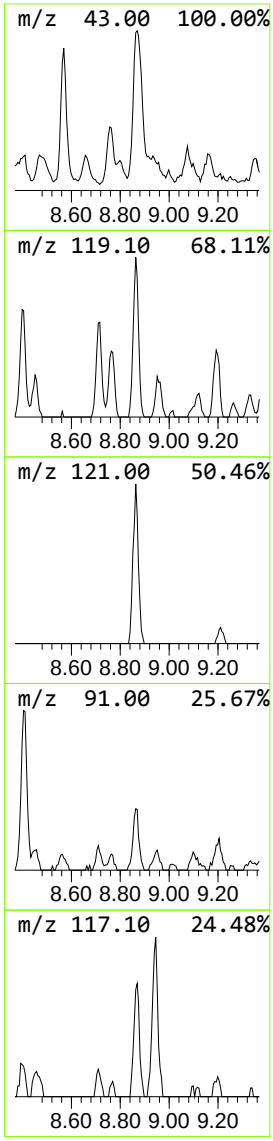
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.870 | 4.01 ng/ul | 115408 | 1,4-Dichlorobenzene-d4 | 7.763 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 70 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 60 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 60 |
| 4 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 55 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 55 |



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Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

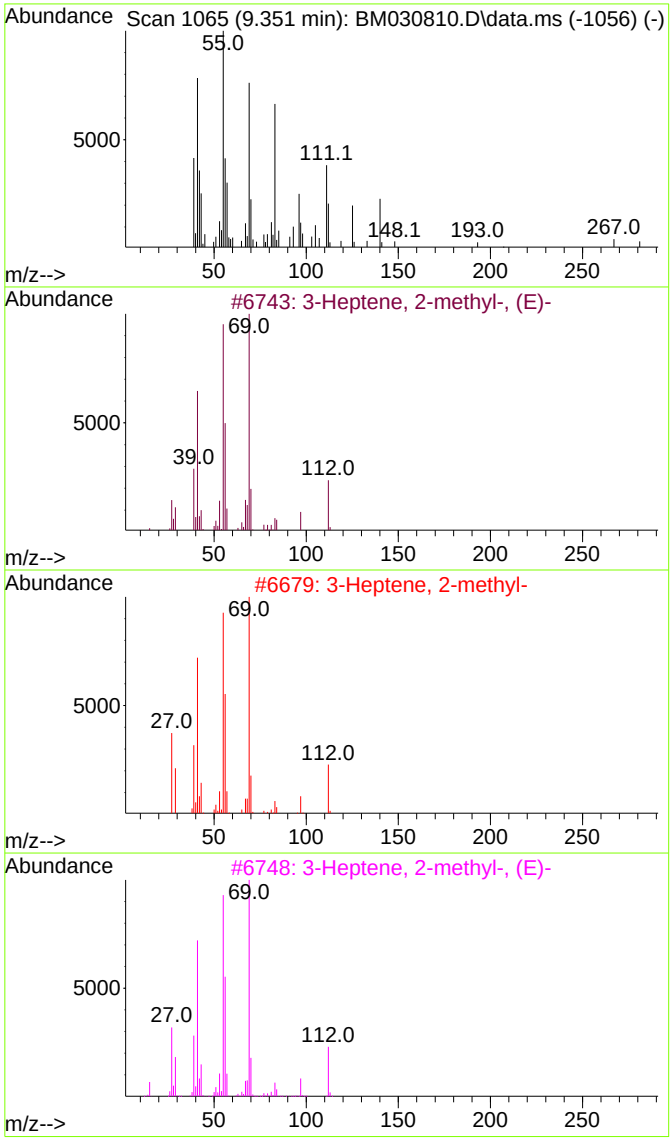
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

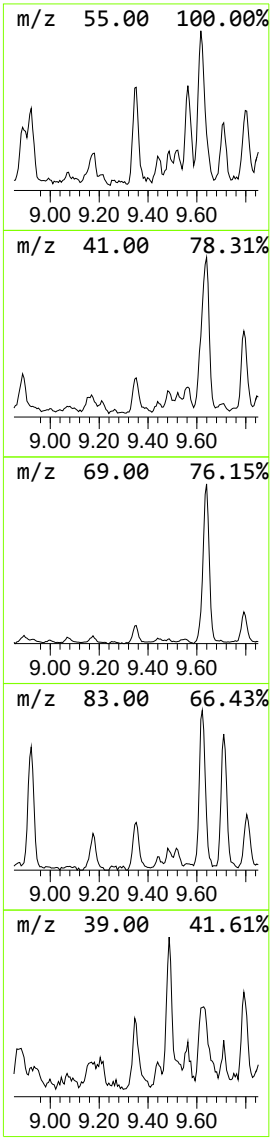
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.350 | 2.22 ng/ul | 86561 | Naphthalene-d8 | 10.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Heptene, 2-methyl-, (E)- | 112 | C8H16 | 000692-96-6 | 50 |
| 2 | 3-Heptene, 2-methyl- | 112 | C8H16 | 017618-76-7 | 50 |
| 3 | 3-Heptene, 2-methyl-, (E)- | 112 | C8H16 | 000692-96-6 | 50 |
| 4 | 6-Ethyl-2,3-dihydropyran-2,4-dione | 140 | C7H8O3 | 004435-30-7 | 49 |
| 5 | 3-Heptene, 4-methyl- | 112 | C8H16 | 004485-16-9 | 46 |



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Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

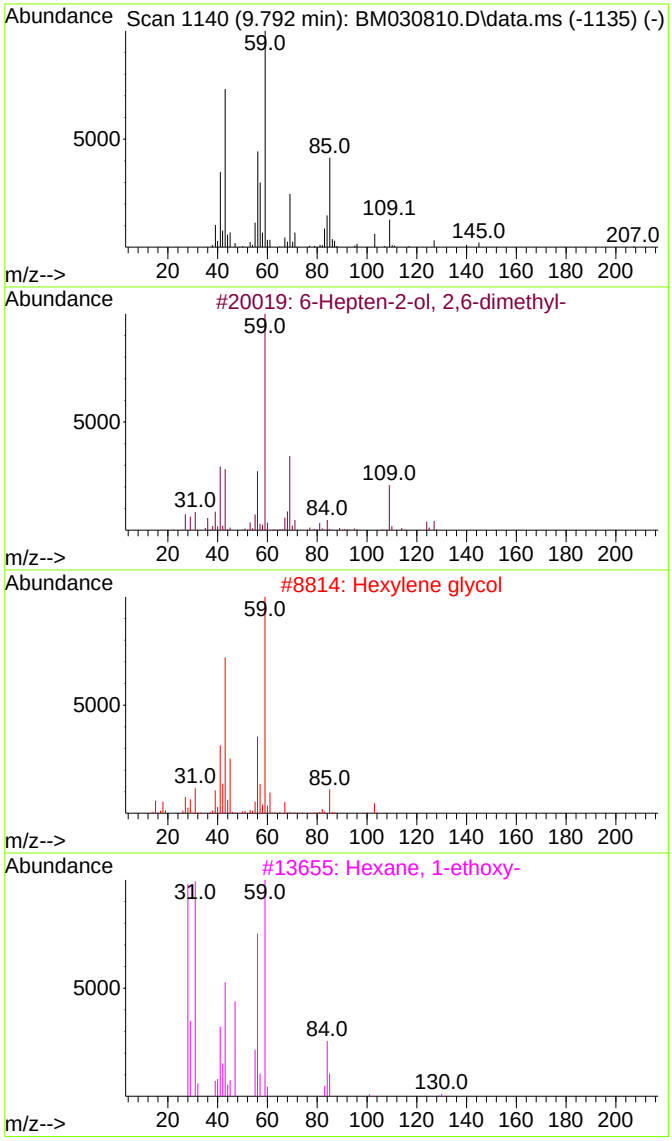
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

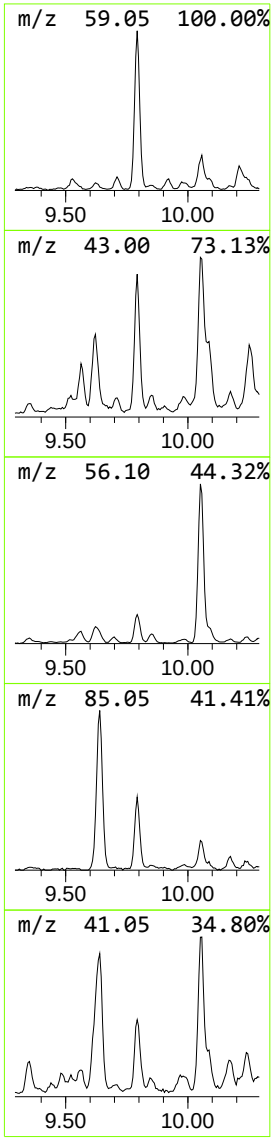
**********

Peak Number 21 unknown-02 Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.790 | 4.95 ng/ul | 193212 | Naphthalene-d8 | 10.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6-Hepten-2-ol, 2,6-dimethyl- | 142 | C9H18O | 032779-58-1 | 43 |
| 2 | Hexylene glycol | 118 | C6H14O2 | 000107-41-5 | 42 |
| 3 | Hexane, 1-ethoxy- | 130 | C8H18O | 005756-43-4 | 38 |
| 4 | Butanamide | 87 | C4H9NO | 000541-35-5 | 38 |
| 5 | Butanamide | 87 | C4H9NO | 000541-35-5 | 35 |



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Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

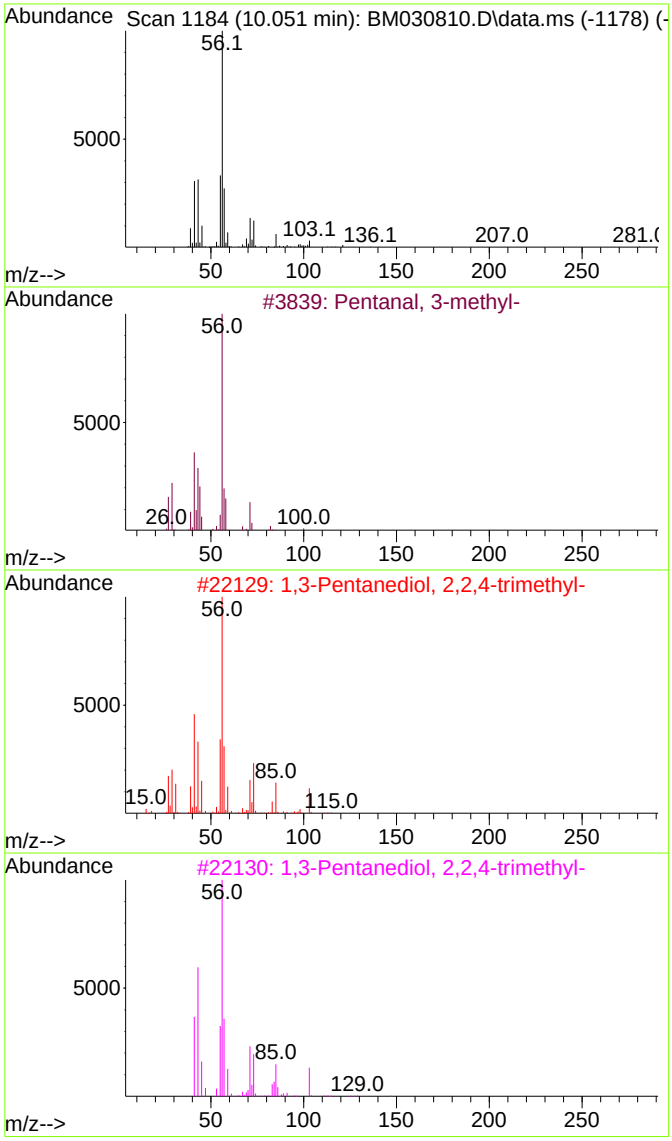
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

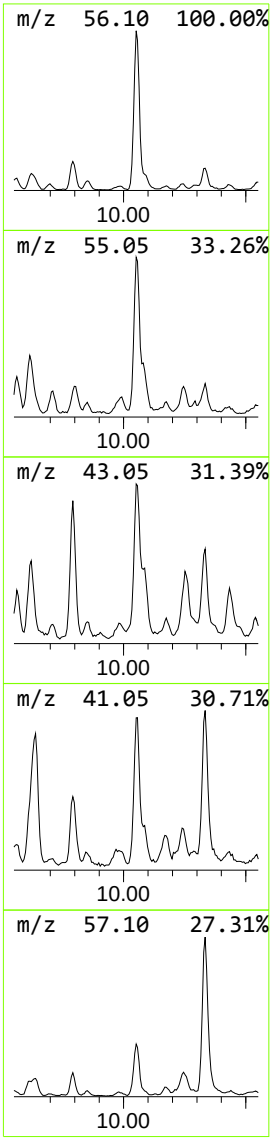
**********

Peak Number 22 unknown-03 Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.050 | 9.53 ng/ul | 371606 | Naphthalene-d8 | 10.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentanal, 3-methyl- | 100 | C6H12O | 015877-57-3 | 45 |
| 2 | 1,3-Pentanediol, 2,2,4-trimethyl- | 146 | C8H18O2 | 000144-19-4 | 40 |
| 3 | 1,3-Pentanediol, 2,2,4-trimethyl- | 146 | C8H18O2 | 000144-19-4 | 40 |
| 4 | 2,2-Dimethyl-1,3-butanediol | 118 | C6H14O2 | 000076-35-7 | 38 |
| 5 | Pentanal, 3-methyl- | 100 | C6H12O | 015877-57-3 | 32 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

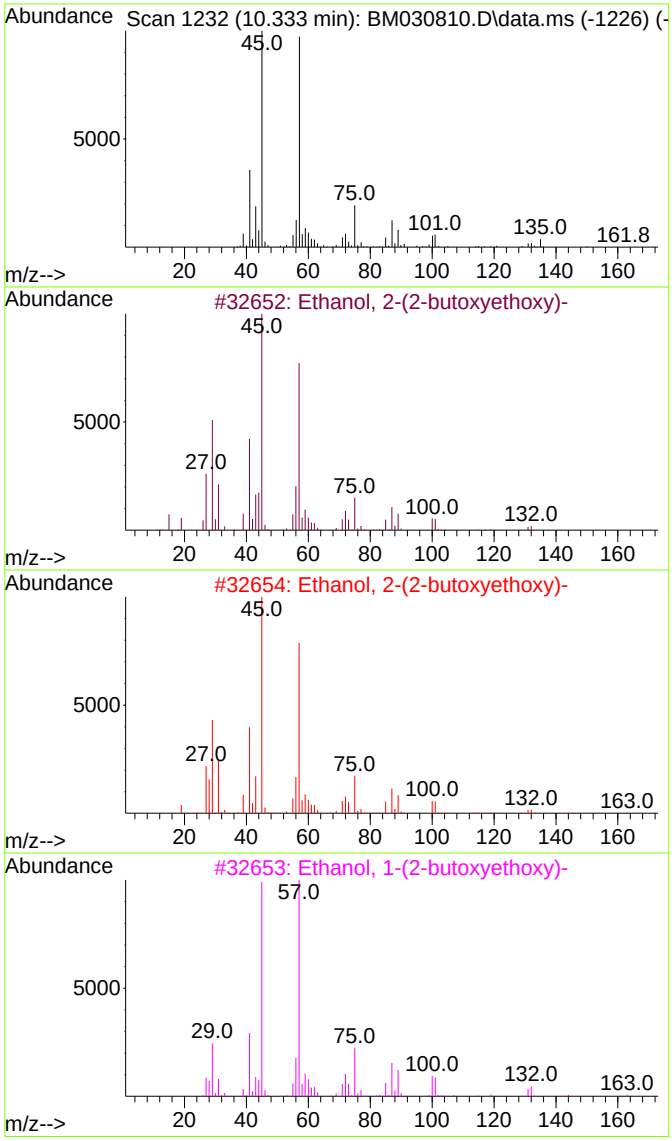
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

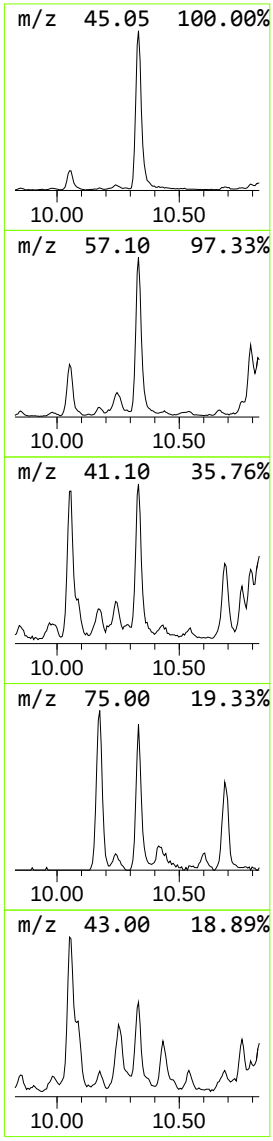
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.330 | 9.93 ng/ul | 387378 | Naphthalene-d8 | 10.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 78 |
| 2 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 78 |
| 3 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 64 |
| 4 | Ethylene glycol monoisobutyl ether | 118 | C6H14O2 | 004439-24-1 | 64 |
| 5 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

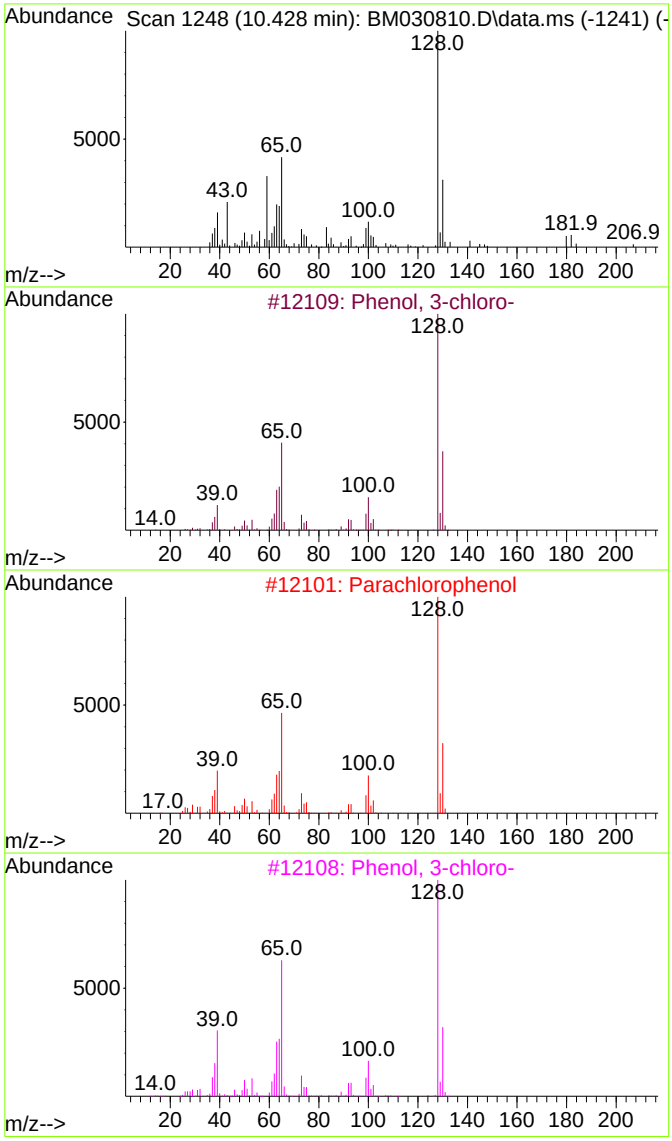
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

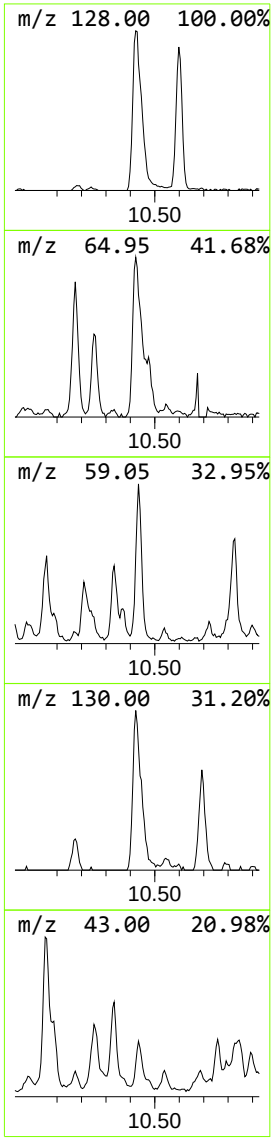
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Phenol, 3-chloro- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.430 | 7.42 ng/ul | 289436 | Naphthalene-d8 | 10.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3-chloro- | 128 | C6H5ClO | 000108-43-0 | 97 |
| 2 | Parachlorophenol | 128 | C6H5ClO | 000106-48-9 | 96 |
| 3 | Phenol, 3-chloro- | 128 | C6H5ClO | 000108-43-0 | 95 |
| 4 | Parachlorophenol | 128 | C6H5ClO | 000106-48-9 | 95 |
| 5 | Parachlorophenol | 128 | C6H5ClO | 000106-48-9 | 95 |



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Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

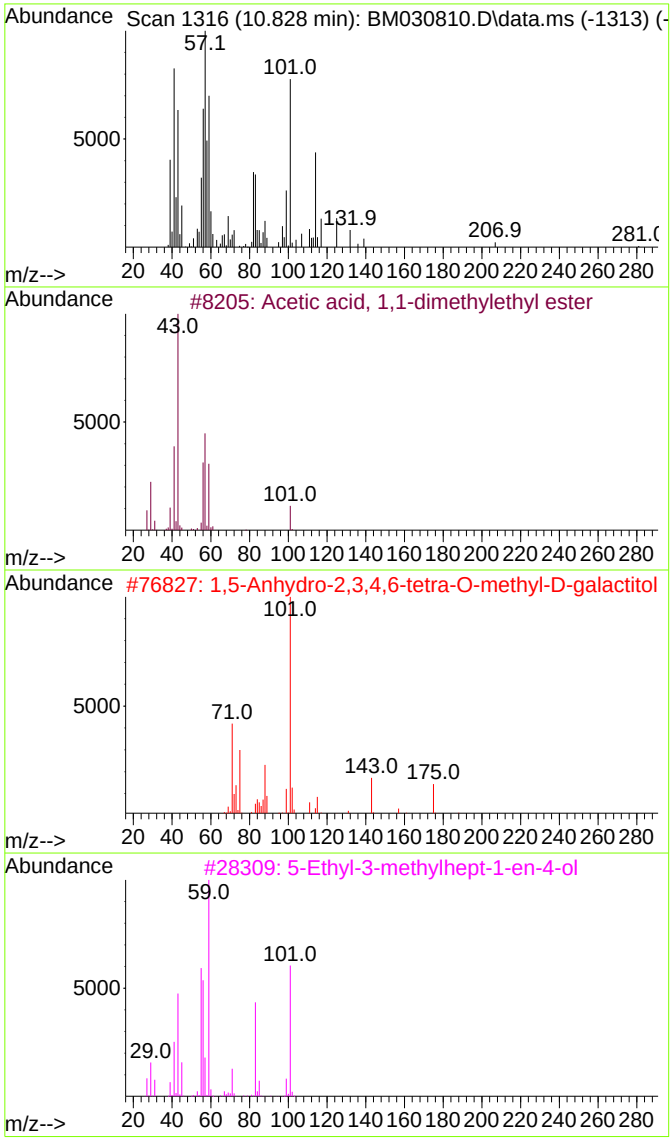
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

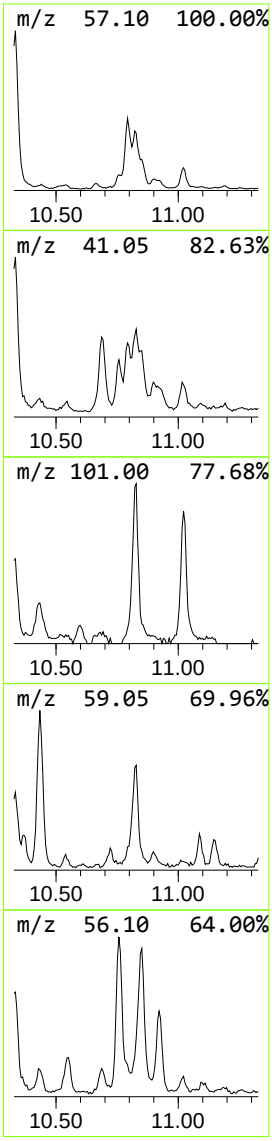
**********

Peak Number 26 unknown-04 Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.830 | 5.23 ng/ul | 203903 | Naphthalene-d8 | 10.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 43 |
| 2 | 1,5-Anhydro-2,3,4,6-tetra-O-meth... | 220 | C10H20O5 | 102850-59-9 | 43 |
| 3 | 5-Ethyl-3-methylhept-1-en-4-ol | 156 | C10H20O | 286424-80-4 | 37 |
| 4 | (Trimethylsilyl)diazomethane | 114 | C4H10N2Si | 018107-18-1 | 22 |
| 5 | 2-Butenoic acid, 2,3-dimethyl- | 114 | C6H10O2 | 004411-97-6 | 14 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

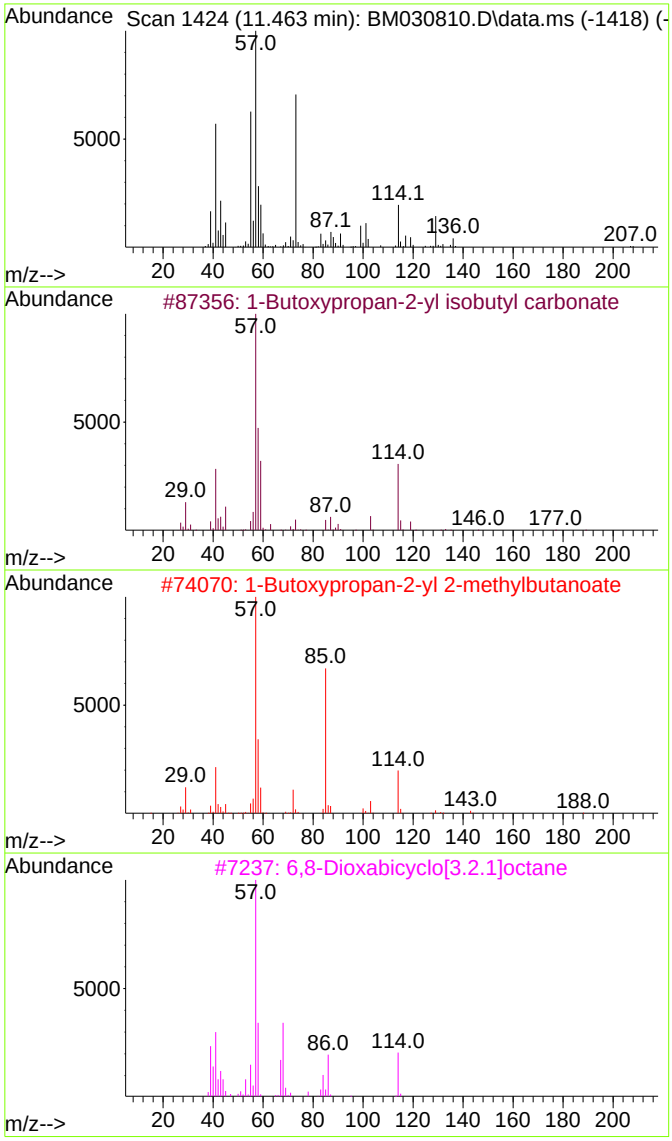
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

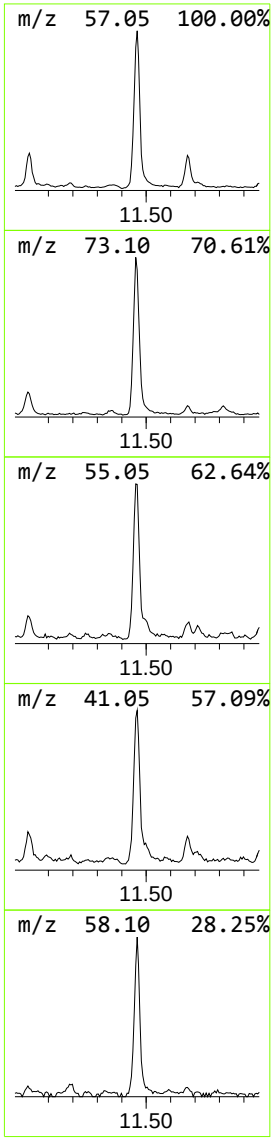
**********

Peak Number 27 unknown-05 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.460 | 7.68 ng/ul | 299500 | Naphthalene-d8 | 10.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Butoxypropan-2-yl isobutyl car... | 232 | C12H24O4 | 1000378-27-6 | 47 |
| 2 | 1-Butoxypropan-2-yl 2-methylbuta... | 216 | C12H24O3 | 1000367-09-4 | 38 |
| 3 | 6,8-Dioxabicyclo[3.2.1]octane | 114 | C6H10O2 | 000280-16-0 | 35 |
| 4 | 1,3,4-Thiadiazole, 2,5-dimethyl- | 114 | C4H6N2S | 027464-82-0 | 27 |
| 5 | 2-(2-Methoxyethoxy)ethyl 2-methy... | 204 | C10H20O4 | 1000366-96-5 | 16 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

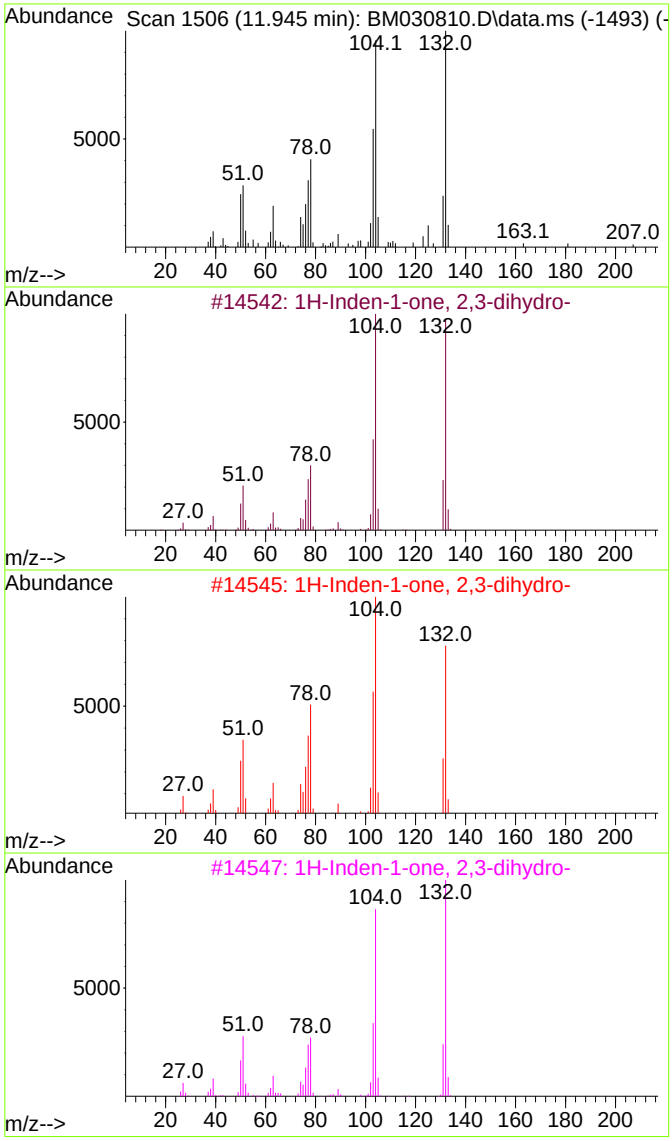
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

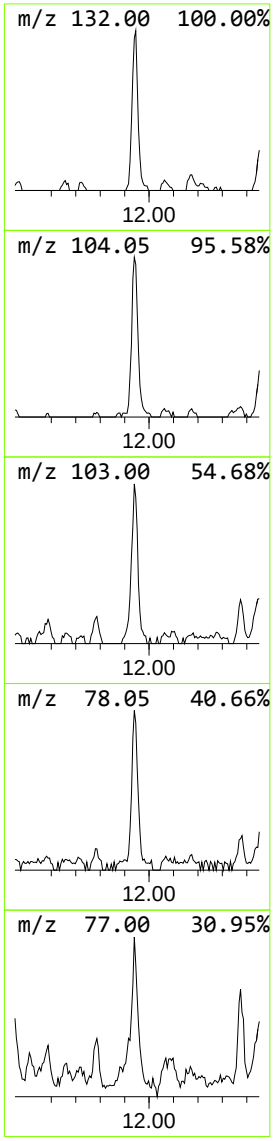
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.950 | 4.16 ng/ul | 162053 | Naphthalene-d8 | 10.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 97 |
| 2 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 96 |
| 3 | 1H-Inden-1-one, 2,3-dihydro- | 132 | C9H8O | 000083-33-0 | 94 |
| 4 | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2 | 022291-85-6 | 58 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12 | 000119-64-2 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DBK24

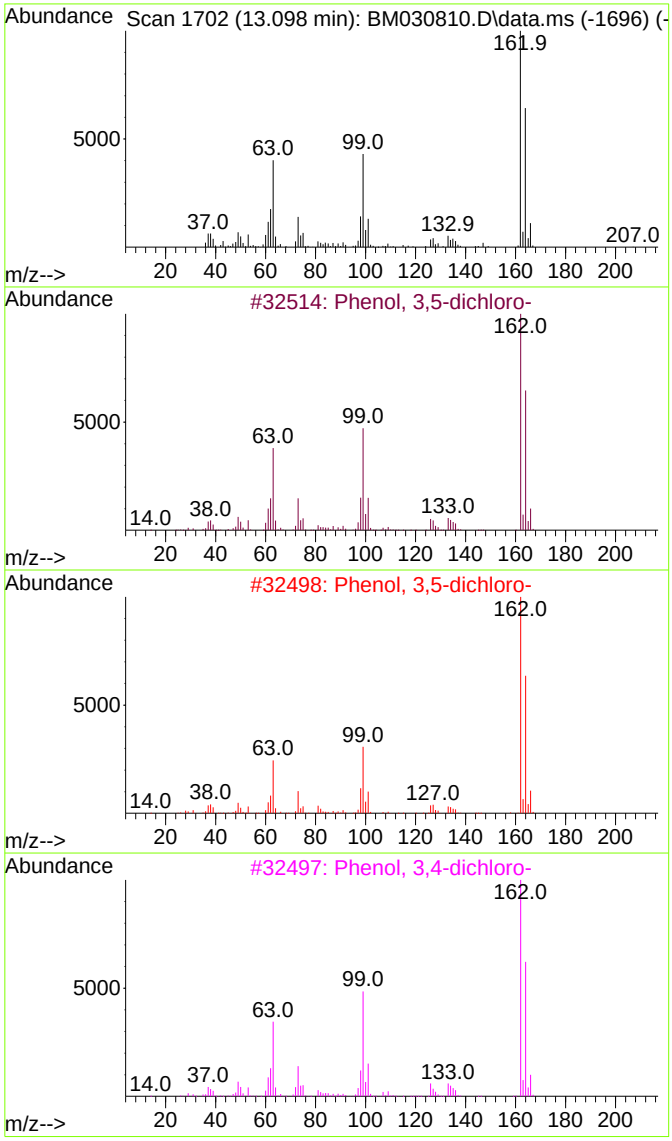
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

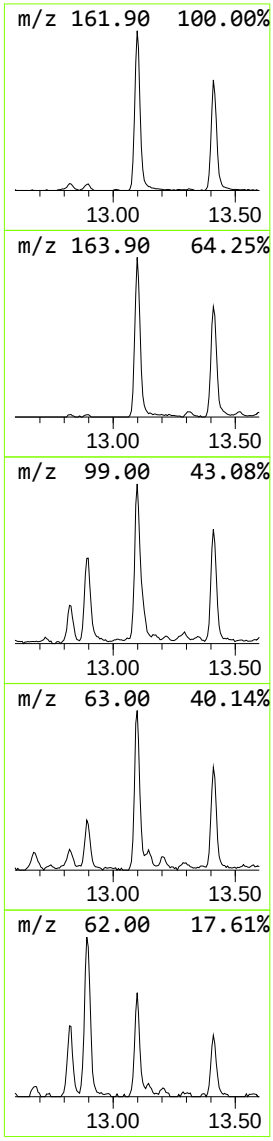
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 Phenol, 3,5-dichloro- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.100 | 7.46 ng/ul | 373575 | Acenaphthene-d10 | 14.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3,5-dichloro- | 162 | C6H4Cl2O | 000591-35-5 | 98 |
| 2 | Phenol, 3,5-dichloro- | 162 | C6H4Cl2O | 000591-35-5 | 95 |
| 3 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 95 |
| 4 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 94 |
| 5 | Phenol, 3,5-dichloro- | 162 | C6H4Cl2O | 000591-35-5 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

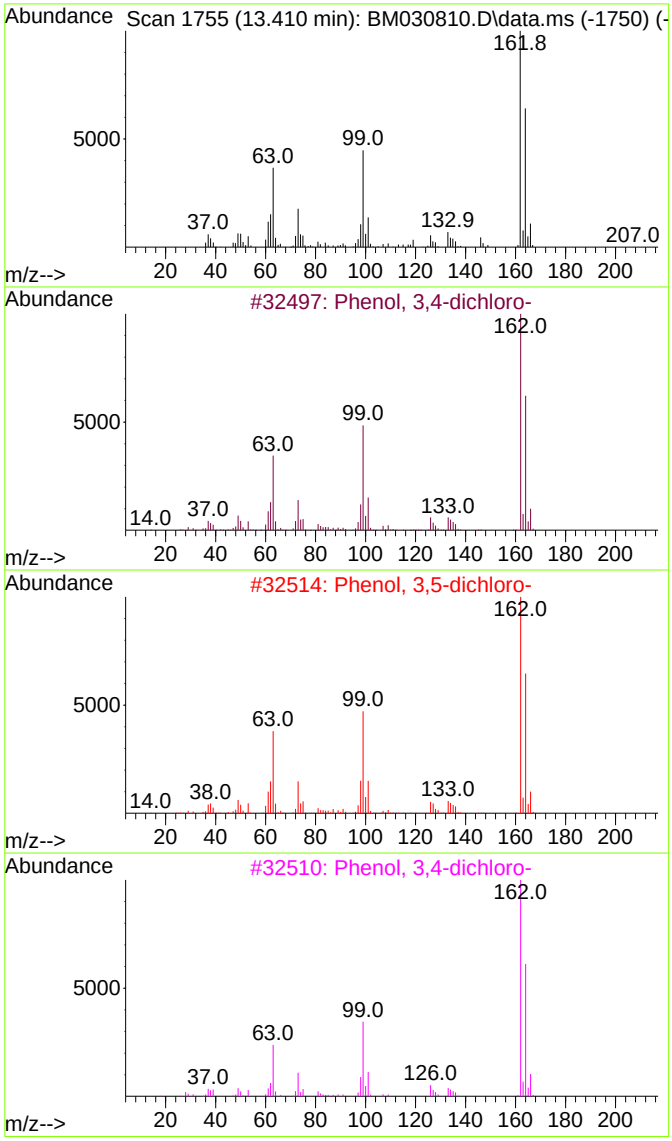
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

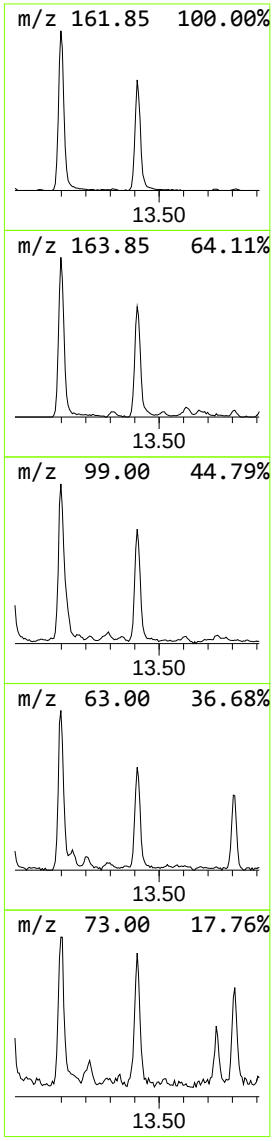
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 Phenol, 3,4-dichloro- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.410 | 5.78 ng/ul | 289839 | Acenaphthene-d10 | 14.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 98 |
| 2 | Phenol, 3,5-dichloro- | 162 | C6H4Cl2O | 000591-35-5 | 98 |
| 3 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 96 |
| 4 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 95 |
| 5 | Phenol, 3,5-dichloro- | 162 | C6H4Cl2O | 000591-35-5 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

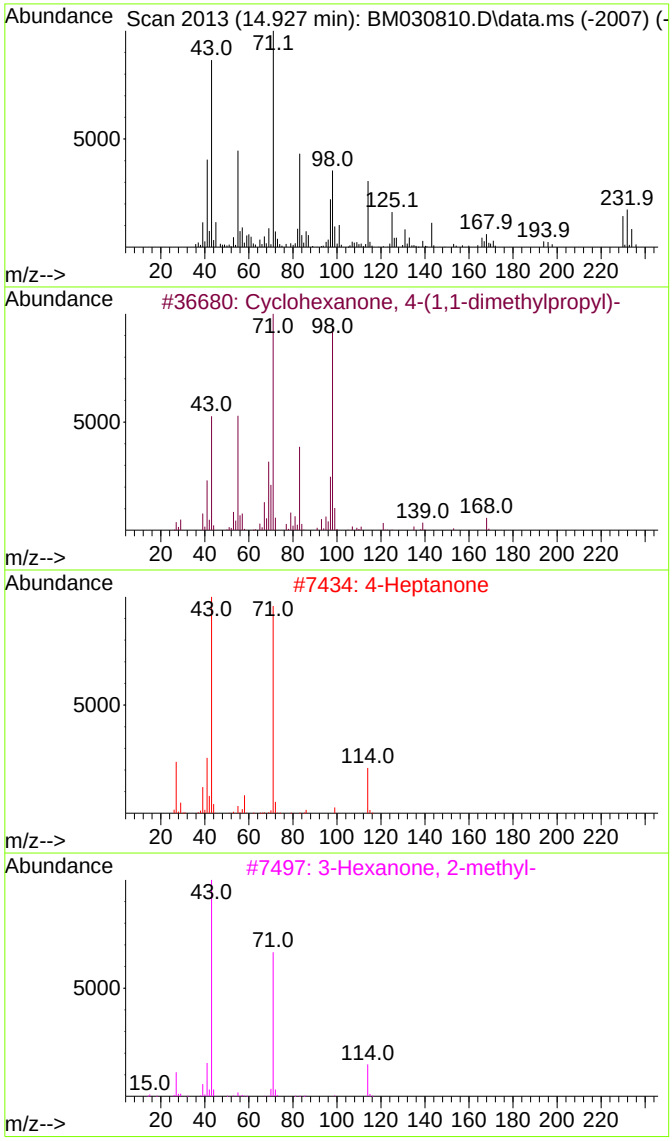
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

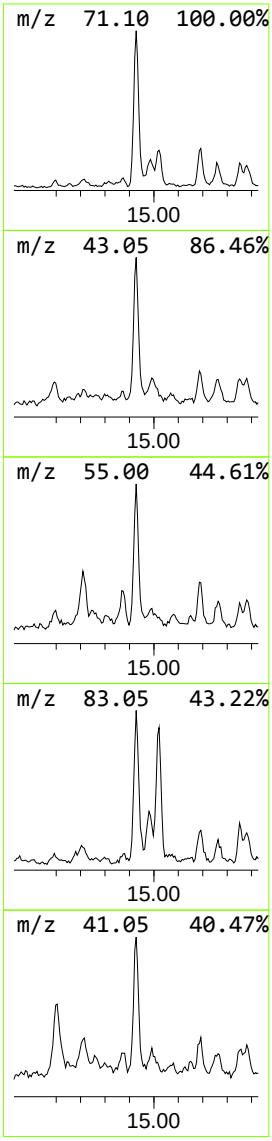
**********

Peak Number 37 unknown-06 Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.930 | 5.69 ng/ul | 285028 | Acenaphthene-d10 | 14.398 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanone, 4-(1,1-dimethylpr... | 168 | C11H20O | 016587-71-6 | 49 |
| 2 | 4-Heptanone | 114 | C7H14O | 000123-19-3 | 35 |
| 3 | 3-Hexanone, 2-methyl- | 114 | C7H14O | 007379-12-6 | 35 |
| 4 | 3-Hexanone, 2-methyl- | 114 | C7H14O | 007379-12-6 | 35 |
| 5 | 3-Pentanone, 2,4-dimethyl- | 114 | C7H14O | 000565-80-0 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DBK24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

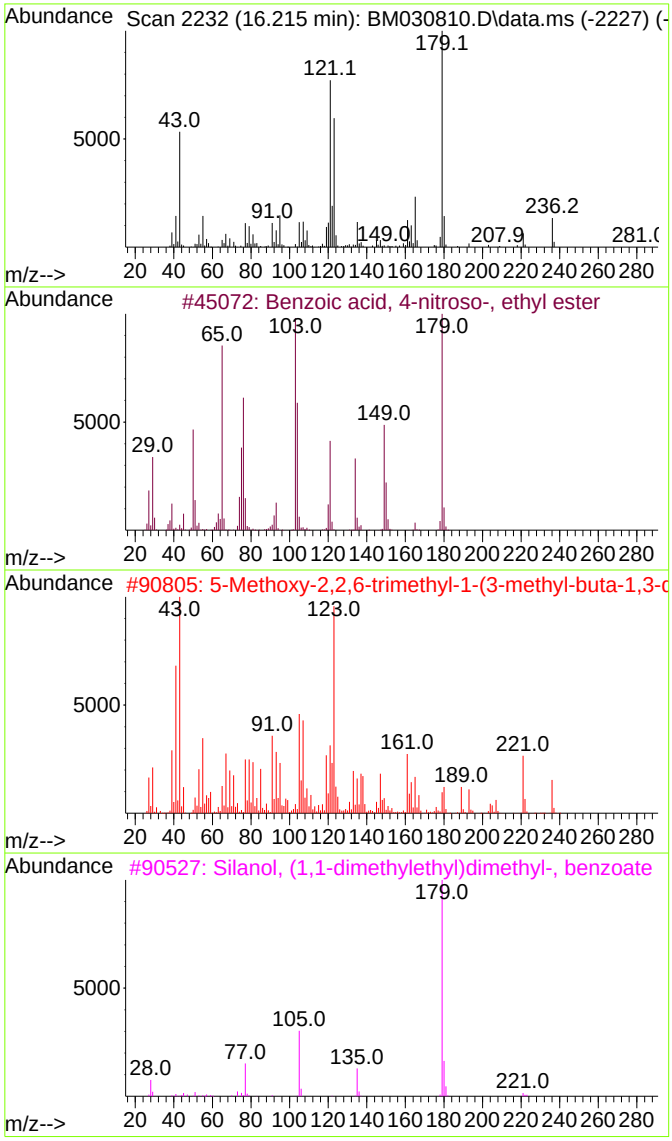
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

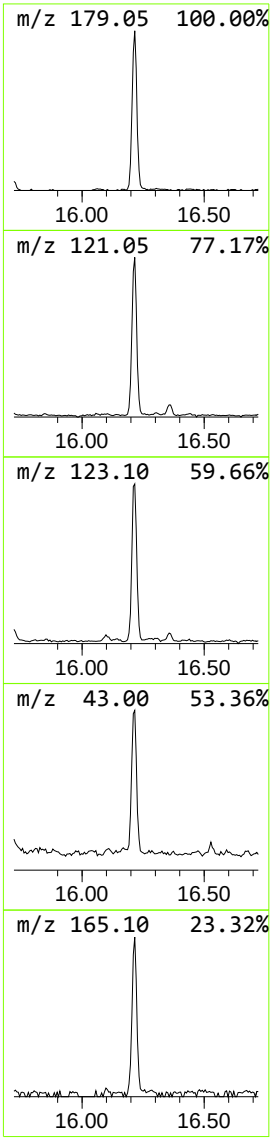
**********

Peak Number 39 unknown-07 Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.220 | 5.54 ng/ul | 279632 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzoic acid, 4-nitroso-, ethyl ... | 179 | C9H9NO3 | 007476-79-1 | 30 |
| 2 | 5-Methoxy-2,2,6-trimethyl-1-(3-m... | 236 | C15H24O2 | 1000194-09-1 | 22 |
| 3 | Silanol, (1,1-dimethylethyl)dime... | 236 | C13H20O2Si | 075732-41-1 | 22 |
| 4 | Anthracene, 2-(1,1-dimethylethyl... | 236 | C18H20 | 062337-62-6 | 22 |
| 5 | 3,5-Dimethylphenol tbdms | 236 | C14H24OSi | 255837-12-8 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

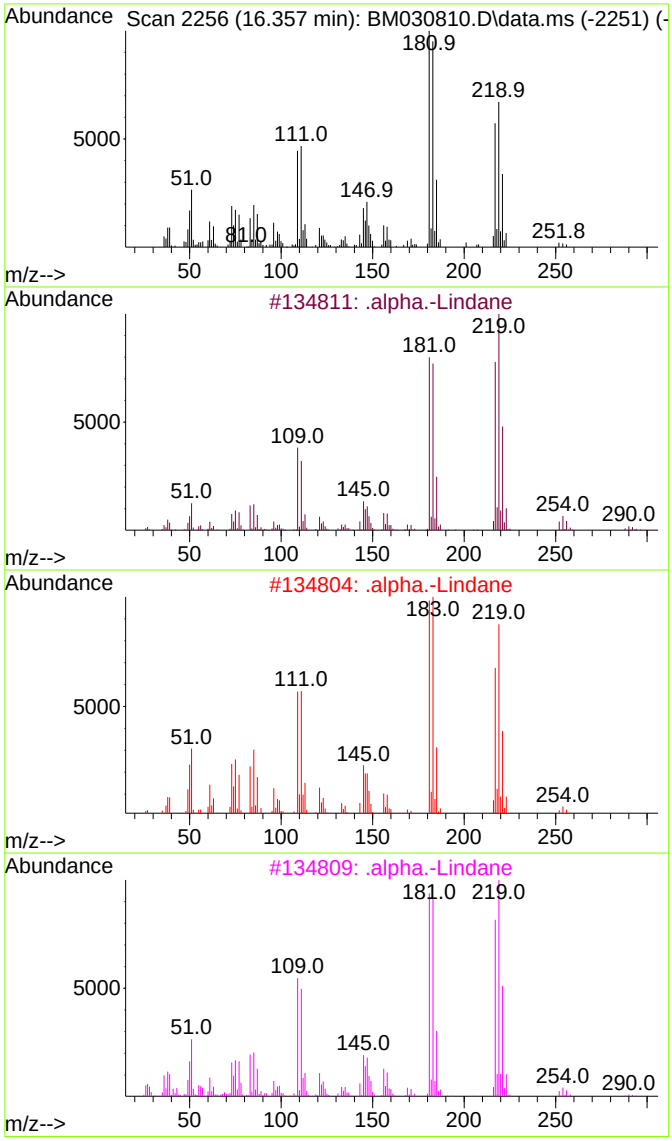
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

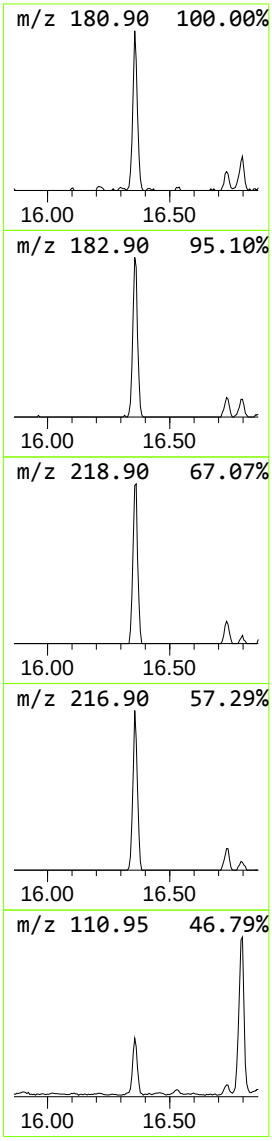
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 .alpha.-Lindane Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.360 | 4.65 ng/ul | 234411 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .alpha.-Lindane | 288 | C6H6Cl6 | 000319-84-6 | 91 |
| 2 | .alpha.-Lindane | 288 | C6H6Cl6 | 000319-84-6 | 91 |
| 3 | .alpha.-Lindane | 288 | C6H6Cl6 | 000319-84-6 | 91 |
| 4 | .alpha.-Lindane | 288 | C6H6Cl6 | 000319-84-6 | 91 |
| 5 | .delta.-Lindane | 288 | C6H6Cl6 | 000319-86-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

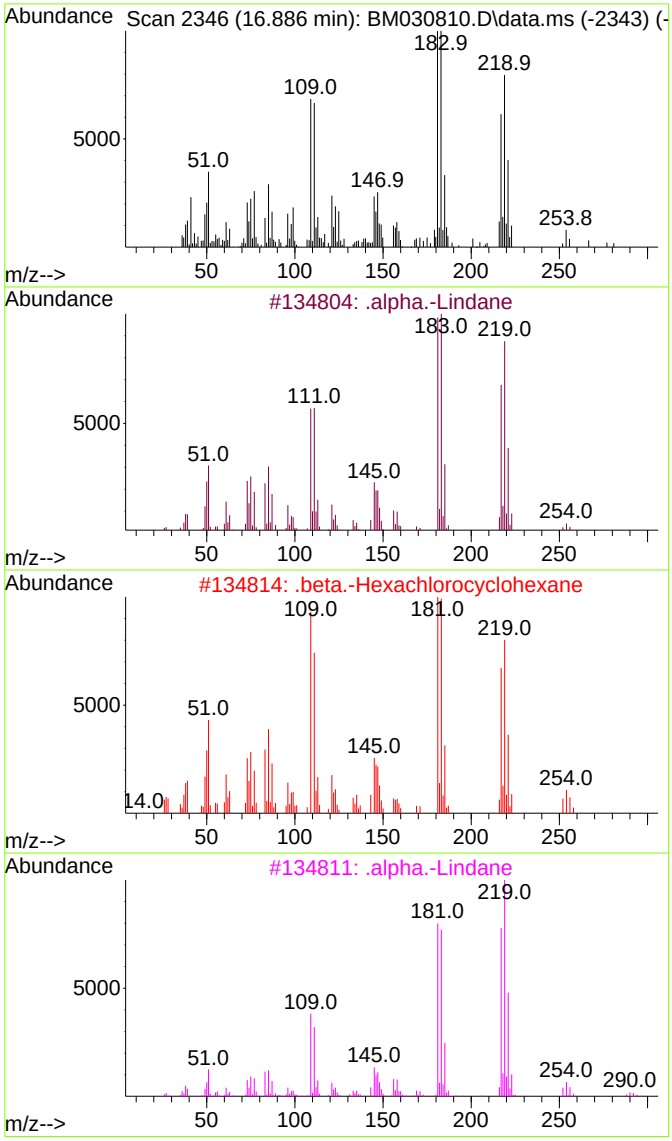
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

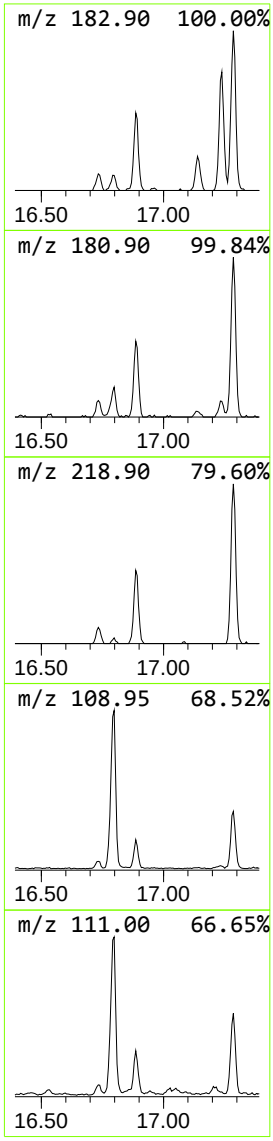
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 .beta.-Hexachlorocyclohexane Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.890 | 4.10 ng/ul | 206709 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .alpha.-Lindane | 288 | C6H6Cl6 | 000319-84-6 | 94 |
| 2 | .beta.-Hexachlorocyclohexane | 288 | C6H6Cl6 | 000319-85-7 | 93 |
| 3 | .alpha.-Lindane | 288 | C6H6Cl6 | 000319-84-6 | 91 |
| 4 | .alpha.-Lindane | 288 | C6H6Cl6 | 000319-84-6 | 90 |
| 5 | .delta.-Lindane | 288 | C6H6Cl6 | 000319-86-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

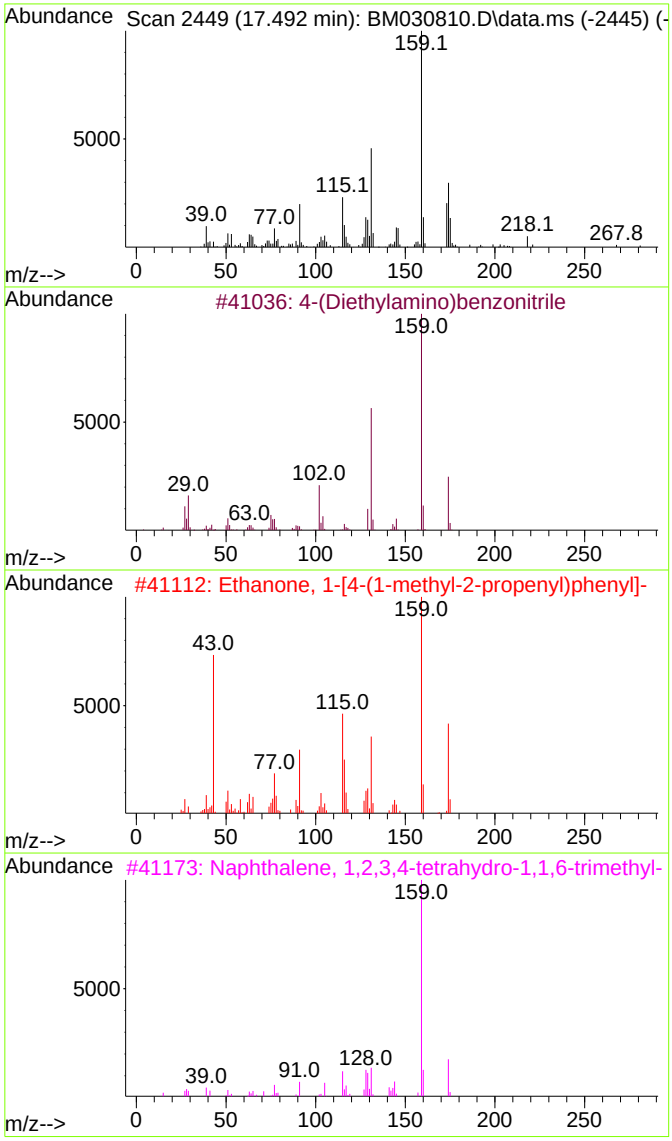
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

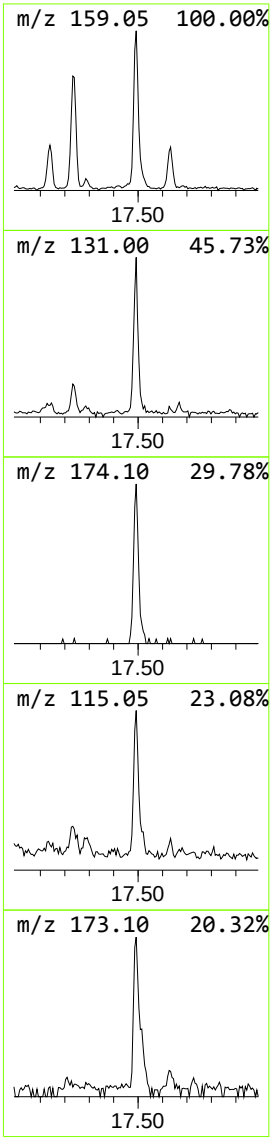
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 43 4-(Diethylamino)benzonitrile Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.490 | 3.63 ng/ul | 183125 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-(Diethylamino)benzonitrile | 174 | C11H14N2 | 002873-90-7 | 76 |
| 2 | Ethanone, 1-[4-(1-methyl-2-prope... | 174 | C12H14O | 109586-49-4 | 76 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 174 | C13H18 | 000475-03-6 | 70 |
| 4 | 1H-Inden-1-one, 2,3-dihydro-3,4,... | 174 | C12H14O | 035322-84-0 | 68 |
| 5 | Phenol, 2-(2-pentyn-4-yl)-4-methyl- | 174 | C12H14O | 1000258-83-7 | 62 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

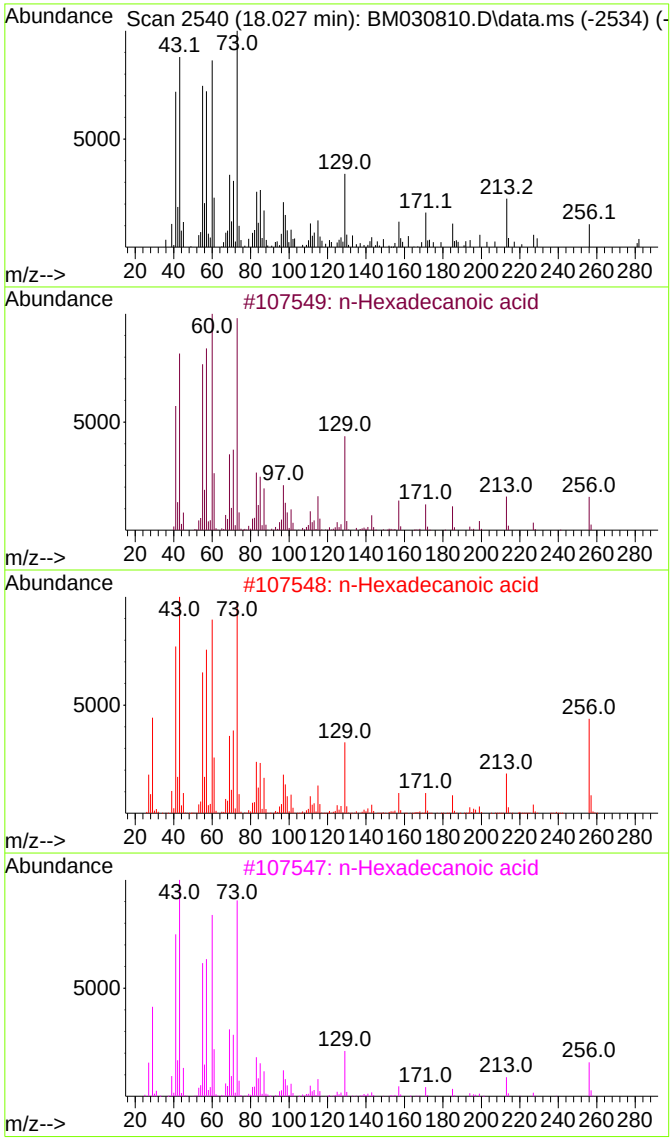
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

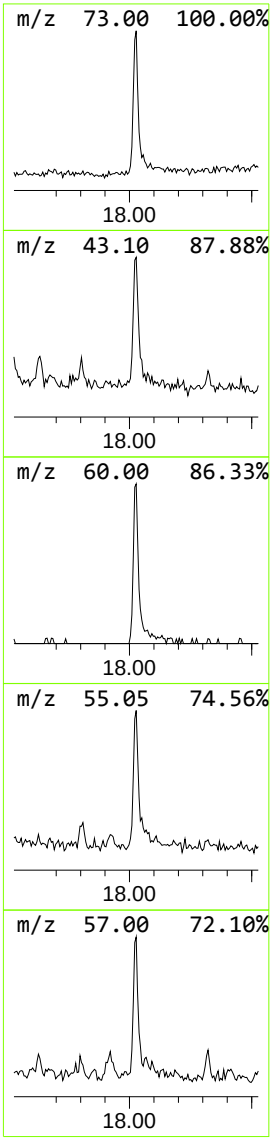
**********

Peak Number 44 n-Hexadecanoic acid Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.030 | 2.45 ng/ul | 123573 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 90 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 81 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DBK24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

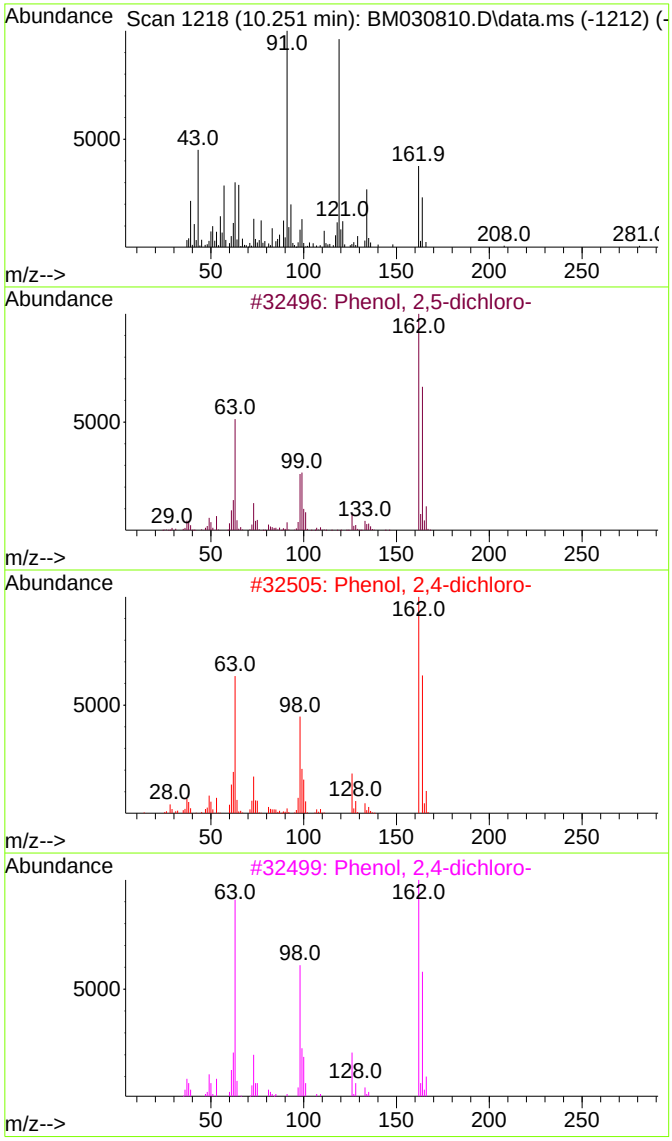
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

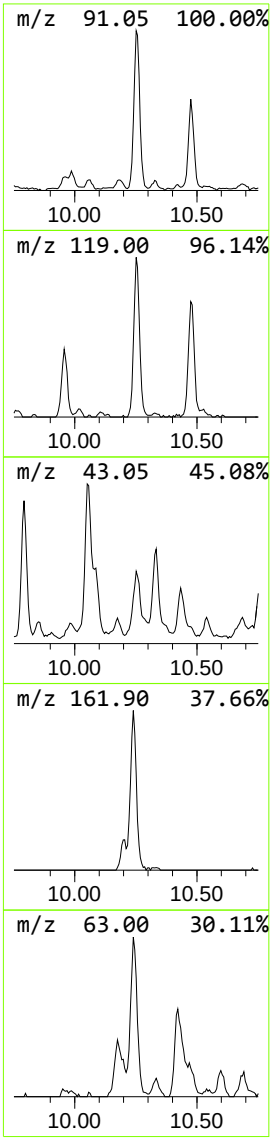
**********

Peak Number 45 Phenol, 2,5-dichloro- Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.250 | 8.91 ng/ul | 347450 | Naphthalene-d8 | 10.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,5-dichloro- | 162 | C6H4Cl2O | 000583-78-8 | 83 |
| 2 | Phenol, 2,4-dichloro- | 162 | C6H4Cl2O | 000120-83-2 | 64 |
| 3 | Phenol, 2,4-dichloro- | 162 | C6H4Cl2O | 000120-83-2 | 64 |
| 4 | Phenol, 2,4-dichloro- | 162 | C6H4Cl2O | 000120-83-2 | 58 |
| 5 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 58 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030810.D
Acq On : 03 Jul 2021 13:25
Operator : CG/JU
Sample : M2905-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DBK24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzene, (1-met... | 6.260 | 4.5 | ng/ul | 128153 | 1 | 7.763 | 575398 | 20.0 |
| Benzene, propyl- | 6.750 | 5.7 | ng/ul | 164780 | 1 | 7.763 | 575398 | 20.0 |
| Benzene, 1-ethy... | 6.860 | 4.5 | ng/ul | 127979 | 1 | 7.763 | 575398 | 20.0 |
| Benzene, 1,2,4-... | 6.990 | 3.1 | ng/ul | 90513 | 1 | 7.763 | 575398 | 20.0 |
| Benzene, 1-ethy... | 7.160 | 5.8 | ng/ul | 168030 | 1 | 7.763 | 575398 | 20.0 |
| 2-Heptanone, 4,... | 7.200 | 3.1 | ng/ul | 88601 | 1 | 7.763 | 575398 | 20.0 |
| Benzene, 1,2,3-... | 7.420 | 5.9 | ng/ul | 170179 | 1 | 7.763 | 575398 | 20.0 |
| Mesitylene | 7.880 | 3.6 | ng/ul | 102617 | 1 | 7.763 | 575398 | 20.0 |
| unknown-01 | 8.000 | 12.5 | ng/ul | 359562 | 1 | 7.763 | 575398 | 20.0 |
| Indane | 8.130 | 14.7 | ng/ul | 422818 | 1 | 7.763 | 575398 | 20.0 |
| Cyclohexanone, ... | 8.190 | 17.1 | ng/ul | 492742 | 1 | 7.763 | 575398 | 20.0 |
| Benzene, 1,2-di... | 8.400 | 3.7 | ng/ul | 106923 | 1 | 7.763 | 575398 | 20.0 |
| Benzene, 2-ethy... | 8.870 | 4.0 | ng/ul | 115408 | 1 | 7.763 | 575398 | 20.0 |
| (DEL) Alkane: S... | 9.350 | 2.2 | ng/ul | 86561 | 2 | 10.551 | 779939 | 20.0 |
| unknown-02 | 9.790 | 5.0 | ng/ul | 193212 | 2 | 10.551 | 779939 | 20.0 |
| unknown-03 | 10.050 | 9.5 | ng/ul | 371606 | 2 | 10.551 | 779939 | 20.0 |
| Ethanol, 2-(2-b... | 10.330 | 9.9 | ng/ul | 387378 | 2 | 10.551 | 779939 | 20.0 |
| Phenol, 3-chloro- | 10.430 | 7.4 | ng/ul | 289436 | 2 | 10.551 | 779939 | 20.0 |
| unknown-04 | 10.830 | 5.2 | ng/ul | 203903 | 2 | 10.551 | 779939 | 20.0 |
| unknown-05 | 11.460 | 7.7 | ng/ul | 299500 | 2 | 10.551 | 779939 | 20.0 |
| 1H-Inden-1-one,... | 11.950 | 4.2 | ng/ul | 162053 | 2 | 10.551 | 779939 | 20.0 |
| Phenol, 3,5-dic... | 13.100 | 7.5 | ng/ul | 373575 | 3 | 14.398 | 1002110 | 20.0 |
| Phenol, 3,4-dic... | 13.410 | 5.8 | ng/ul | 289839 | 3 | 14.398 | 1002110 | 20.0 |
| unknown-06 | 14.930 | 5.7 | ng/ul | 285028 | 3 | 14.398 | 1002110 | 20.0 |
| unknown-07 | 16.220 | 5.5 | ng/ul | 279632 | 4 | 17.139 | 1008950 | 20.0 |
| .alpha.-Lindane | 16.360 | 4.7 | ng/ul | 234411 | 4 | 17.139 | 1008950 | 20.0 |
| .beta.-Hexachlo... | 16.890 | 4.1 | ng/ul | 206709 | 4 | 17.139 | 1008950 | 20.0 |
| 4-(Diethylamino... | 17.490 | 3.6 | ng/ul | 183125 | 4 | 17.139 | 1008950 | 20.0 |
| n-Hexadecanoic ... | 18.030 | 2.5 | ng/ul | 123573 | 4 | 17.139 | 1008950 | 20.0 |
| Phenol, 2,5-dic... | 10.250 | 8.9 | ng/ul | 347450 | 2 | 10.551 | 779939 | 20.0 |