LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

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-BM092421.M
Title : SVOA CALIBRATION

Signal : TIC: BM032158.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.020 | 27 | 31 | 49 | rVB | 5032829 | 7320123 | 15.61% | 2.162% |
| 2 | 3.414 | 95 | 98 | 109 | rBV | 624397 | 921706 | 1.97% | 0.272% |
| 3 | 3.778 | 154 | 160 | 171 | rBV | 10494932 | 15619643 | 33.30% | 4.613% |
| 4 | 4.955 | 351 | 360 | 376 | rBV | 21837942 | 46339575 | 98.79% | 13.687% |
| 5 | 5.149 | 384 | 393 | 403 | rVB | 1244959 | 1932905 | 4.12% | 0.571% |
| 6 | 5.308 | 412 | 420 | 426 | rVV | 1505763 | 2434123 | 5.19% | 0.719% |
| 7 | 5.666 | 474 | 481 | 488 | rBV | 1662984 | 2450792 | 5.22% | 0.724% |
| 8 | 6.649 | 637 | 648 | 657 | rBV | 283652 | 530120 | 1.13% | 0.157% |
| 9 | 6.819 | 671 | 677 | 678 | rVV | 219697 | 291990 | 0.62% | 0.086% |
| 10 | 6.849 | 678 | 682 | 686 | rVV | 552592 | 869477 | 1.85% | 0.257% |
| 11 | 6.896 | 686 | 690 | 698 | rVB | 248261 | 384170 | 0.82% | 0.113% |
| 12 | 6.990 | 699 | 706 | 713 | rBV | 1559699 | 2358847 | 5.03% | 0.697% |
| 13 | 7.066 | 713 | 719 | 724 | rBV | 531456 | 789560 | 1.68% | 0.233% |
| 14 | 7.172 | 729 | 737 | 738 | rBV | 325237 | 425756 | 0.91% | 0.126% |
| 15 | 7.202 | 738 | 742 | 757 | rVV | 1637388 | 2756081 | 5.88% | 0.814% |
| 16 | 7.325 | 757 | 763 | 771 | rVB | 1090671 | 1618577 | 3.45% | 0.478% |
| 17 | 7.560 | 795 | 803 | 815 | rBV | 2173015 | 3940214 | 8.40% | 1.164% |
| 18 | 7.713 | 815 | 829 | 835 | rVV | 20523346 | 46906071 | 100.00% | 13.854% |
| 19 | 7.796 | 835 | 843 | 852 | rVB | 977892 | 1544044 | 3.29% | 0.456% |
| 20 | 8.037 | 871 | 884 | 892 | rVV | 18393454 | 35596224 | 75.89% | 10.514% |
| 21 | 8.172 | 902 | 907 | 912 | rVV | 195008 | 290376 | 0.62% | 0.086% |
| 22 | 8.249 | 912 | 920 | 926 | rVV2 | 536600 | 1085776 | 2.31% | 0.321% |
| 23 | 8.319 | 926 | 932 | 937 | rVV2 | 439414 | 679975 | 1.45% | 0.201% |
| 24 | 8.390 | 937 | 944 | 951 | rVV | 1487803 | 2328830 | 4.96% | 0.688% |
| 25 | 8.484 | 951 | 960 | 968 | rVB | 222327 | 439777 | 0.94% | 0.130% |
| 26 | 8.637 | 981 | 986 | 990 | rVV | 288686 | 445103 | 0.95% | 0.131% |
| 27 | 8.684 | 990 | 994 | 1003 | rVV | 214856 | 374607 | 0.80% | 0.111% |
| 28 | 8.784 | 1003 | 1011 | 1013 | rVV3 | 457517 | 947035 | 2.02% | 0.280% |
| 29 | 8.819 | 1013 | 1017 | 1022 | rVV | 1820116 | 2820278 | 6.01% | 0.833% |
| 30 | 8.860 | 1022 | 1024 | 1041 | rVB2 | 273155 | 582390 | 1.24% | 0.172% |
| 31 | 9.119 | 1059 | 1068 | 1073 | rVV3 | 246754 | 531121 | 1.13% | 0.157% |
| 32 | 9.307 | 1094 | 1100 | 1105 | rVB | 265999 | 396639 | 0.85% | 0.117% |
| 33 | 9.366 | 1105 | 1110 | 1115 | rBV | 431809 | 647790 | 1.38% | 0.191% |
| 34 | 9.513 | 1126 | 1135 | 1137 | rBV | 1056625 | 1657609 | 3.53% | 0.490% |
| 35 | 9.543 | 1137 | 1140 | 1147 | rVB | 1459035 | 2313964 | 4.93% | 0.683% |
| 36 | 9.654 | 1154 | 1159 | 1162 | rBV2 | 188613 | 337447 | 0.72% | 0.100% |

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Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

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-BM092421.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 9.831 | 1179 | 1189 | 1194 | rBV | 3200593 | 5088770 | 10.85% | 1.503% |
| 38 | 9.878 | 1194 | 1197 | 1203 | rVB3 | 774500 | 1186670 | 2.53% | 0.350% |
| 39 | 9.954 | 1203 | 1210 | 1216 | rBV | 4646006 | 7174928 | 15.30% | 2.119% |
| 40 | 10.007 | 1216 | 1219 | 1225 | rVV2 | 183809 | 336809 | 0.72% | 0.099% |
| 41 | 10.090 | 1226 | 1233 | 1240 | rVB2 | 2683805 | 4576390 | 9.76% | 1.352% |
| 42 | 10.160 | 1240 | 1245 | 1252 | rVB3 | 182651 | 415830 | 0.89% | 0.123% |
| 43 | 10.237 | 1252 | 1258 | 1265 | rVB2 | 470474 | 778360 | 1.66% | 0.230% |
| 44 | 10.331 | 1266 | 1274 | 1282 | rBV2 | 1532362 | 2904072 | 6.19% | 0.858% |
| 45 | 10.396 | 1282 | 1285 | 1289 | rVB | 223836 | 289489 | 0.62% | 0.086% |
| 46 | 10.460 | 1289 | 1296 | 1301 | rBV | 2189672 | 3547424 | 7.56% | 1.048% |
| 47 | 10.513 | 1301 | 1305 | 1312 | rVB3 | 684573 | 1135287 | 2.42% | 0.335% |
| 48 | 10.590 | 1312 | 1318 | 1330 | rVB | 2110997 | 3732113 | 7.96% | 1.102% |
| 49 | 10.707 | 1331 | 1338 | 1342 | rBV3 | 147561 | 373091 | 0.80% | 0.110% |
| 50 | 10.813 | 1350 | 1356 | 1360 | rBV2 | 364059 | 632712 | 1.35% | 0.187% |
| 51 | 10.931 | 1371 | 1376 | 1382 | rVB | 255256 | 416458 | 0.89% | 0.123% |
| 52 | 11.043 | 1391 | 1395 | 1400 | rVV2 | 277721 | 479956 | 1.02% | 0.142% |
| 53 | 11.378 | 1445 | 1452 | 1460 | rVB2 | 187525 | 385085 | 0.82% | 0.114% |
| 54 | 11.578 | 1477 | 1486 | 1492 | rVB3 | 242805 | 534655 | 1.14% | 0.158% |
| 55 | 11.807 | 1515 | 1525 | 1530 | rBV | 954079 | 1651416 | 3.52% | 0.488% |
| 56 | 12.019 | 1556 | 1561 | 1568 | rVB3 | 309366 | 502061 | 1.07% | 0.148% |
| 57 | 12.342 | 1609 | 1616 | 1620 | rVV2 | 679695 | 1123040 | 2.39% | 0.332% |
| 58 | 12.390 | 1620 | 1624 | 1628 | rVV3 | 165740 | 339974 | 0.72% | 0.100% |
| 59 | 12.437 | 1628 | 1632 | 1641 | rVB5 | 130882 | 352653 | 0.75% | 0.104% |
| 60 | 12.666 | 1664 | 1671 | 1675 | rBV | 553472 | 1006411 | 2.15% | 0.297% |
| 61 | 12.801 | 1689 | 1694 | 1703 | rVB | 696081 | 1162300 | 2.48% | 0.343% |
| 62 | 13.137 | 1742 | 1751 | 1761 | rVB | 2891653 | 4584757 | 9.77% | 1.354% |
| 63 | 13.260 | 1767 | 1772 | 1777 | rVB3 | 220438 | 350962 | 0.75% | 0.104% |
| 64 | 13.319 | 1777 | 1782 | 1785 | rBV3 | 164640 | 322539 | 0.69% | 0.095% |
| 65 | 13.360 | 1785 | 1789 | 1795 | rVB2 | 1367831 | 2039629 | 4.35% | 0.602% |
| 66 | 13.484 | 1804 | 1810 | 1817 | rBV4 | 125144 | 360296 | 0.77% | 0.106% |
| 67 | 13.636 | 1825 | 1836 | 1841 | rBV | 803034 | 1514225 | 3.23% | 0.447% |
| 68 | 13.713 | 1841 | 1849 | 1856 | rVB | 4577304 | 6542579 | 13.95% | 1.932% |
| 69 | 13.872 | 1871 | 1876 | 1878 | rBV | 327396 | 453641 | 0.97% | 0.134% |
| 70 | 13.901 | 1878 | 1881 | 1886 | rVB | 289364 | 388256 | 0.83% | 0.115% |
| 71 | 14.001 | 1892 | 1898 | 1903 | rBV | 5075338 | 7525793 | 16.04% | 2.223% |
| 72 | 14.313 | 1943 | 1951 | 1957 | rBV | 3313505 | 4799727 | 10.23% | 1.418% |
| 73 | 14.378 | 1957 | 1962 | 1964 | rBV | 194630 | 317965 | 0.68% | 0.094% |
| 74 | 14.507 | 1980 | 1984 | 1995 | rVB2 | 612556 | 1023970 | 2.18% | 0.302% |
| 75 | 14.707 | 2013 | 2018 | 2025 | rBV2 | 300399 | 517826 | 1.10% | 0.153% |
| 76 | 14.931 | 2048 | 2056 | 2060 | rBV2 | 292600 | 619724 | 1.32% | 0.183% |

LSC Area Percent Report

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Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

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-BM092421.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 15.131 | 2088 | 2090 | 2101 | rVB5 | 238264 | 417614 | 0.89% | 0.123% |
| 78 | 15.301 | 2111 | 2119 | 2124 | rBV | 6541203 | 9034895 | 19.26% | 2.668% |
| 79 | 15.354 | 2124 | 2128 | 2132 | rVB2 | 332206 | 465092 | 0.99% | 0.137% |
| 80 | 15.413 | 2132 | 2138 | 2145 | rBV | 2222260 | 3060118 | 6.52% | 0.904% |
| 81 | 15.478 | 2145 | 2149 | 2153 | rVV | 456604 | 632904 | 1.35% | 0.187% |
| 82 | 15.560 | 2160 | 2163 | 2168 | rVB3 | 307234 | 424631 | 0.91% | 0.125% |
| 83 | 15.913 | 2219 | 2223 | 2228 | rVB | 462034 | 650209 | 1.39% | 0.192% |
| 84 | 16.277 | 2281 | 2285 | 2287 | rBV2 | 198231 | 284826 | 0.61% | 0.084% |
| 85 | 16.301 | 2287 | 2289 | 2293 | rVB3 | 240919 | 291514 | 0.62% | 0.086% |
| 86 | 16.395 | 2302 | 2305 | 2311 | rVB3 | 387154 | 574333 | 1.22% | 0.170% |
| 87 | 16.530 | 2325 | 2328 | 2334 | rVB2 | 277145 | 308582 | 0.66% | 0.091% |
| 88 | 17.036 | 2409 | 2414 | 2420 | rBV | 3642435 | 4950668 | 10.55% | 1.462% |
| 89 | 17.136 | 2425 | 2431 | 2439 | rVB2 | 7162860 | 9952974 | 21.22% | 2.940% |
| 90 | 17.219 | 2441 | 2445 | 2453 | rVB | 458238 | 678579 | 1.45% | 0.200% |
| 91 | 17.407 | 2472 | 2477 | 2485 | rBV | 4399114 | 5513258 | 11.75% | 1.628% |
| 92 | 17.630 | 2511 | 2515 | 2521 | rVB3 | 173548 | 350401 | 0.75% | 0.103% |
| 93 | 17.930 | 2563 | 2566 | 2572 | rBV4 | 256092 | 425898 | 0.91% | 0.126% |
| 94 | 19.130 | 2767 | 2770 | 2775 | rBV2 | 275844 | 338333 | 0.72% | 0.100% |
| 95 | 19.248 | 2786 | 2790 | 2796 | rVB | 725789 | 913692 | 1.95% | 0.270% |
| 96 | 19.424 | 2813 | 2820 | 2830 | rBV2 | 9716885 | 17279518 | 36.84% | 5.104% |
| 97 | 20.901 | 3068 | 3071 | 3078 | rBV2 | 264812 | 346269 | 0.74% | 0.102% |
| 98 | 21.195 | 3117 | 3121 | 3127 | rBV | 4025091 | 4919849 | 10.49% | 1.453% |
| 99 | 23.230 | 3460 | 3467 | 3476 | rVB2 | 5469132 | 9777091 | 20.84% | 2.888% |
| 100 | 23.365 | 3484 | 3490 | 3502 | rVB2 | 2600111 | 4588350 | 9.78% | 1.355% |

Sum of corrected areas: 338576156

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
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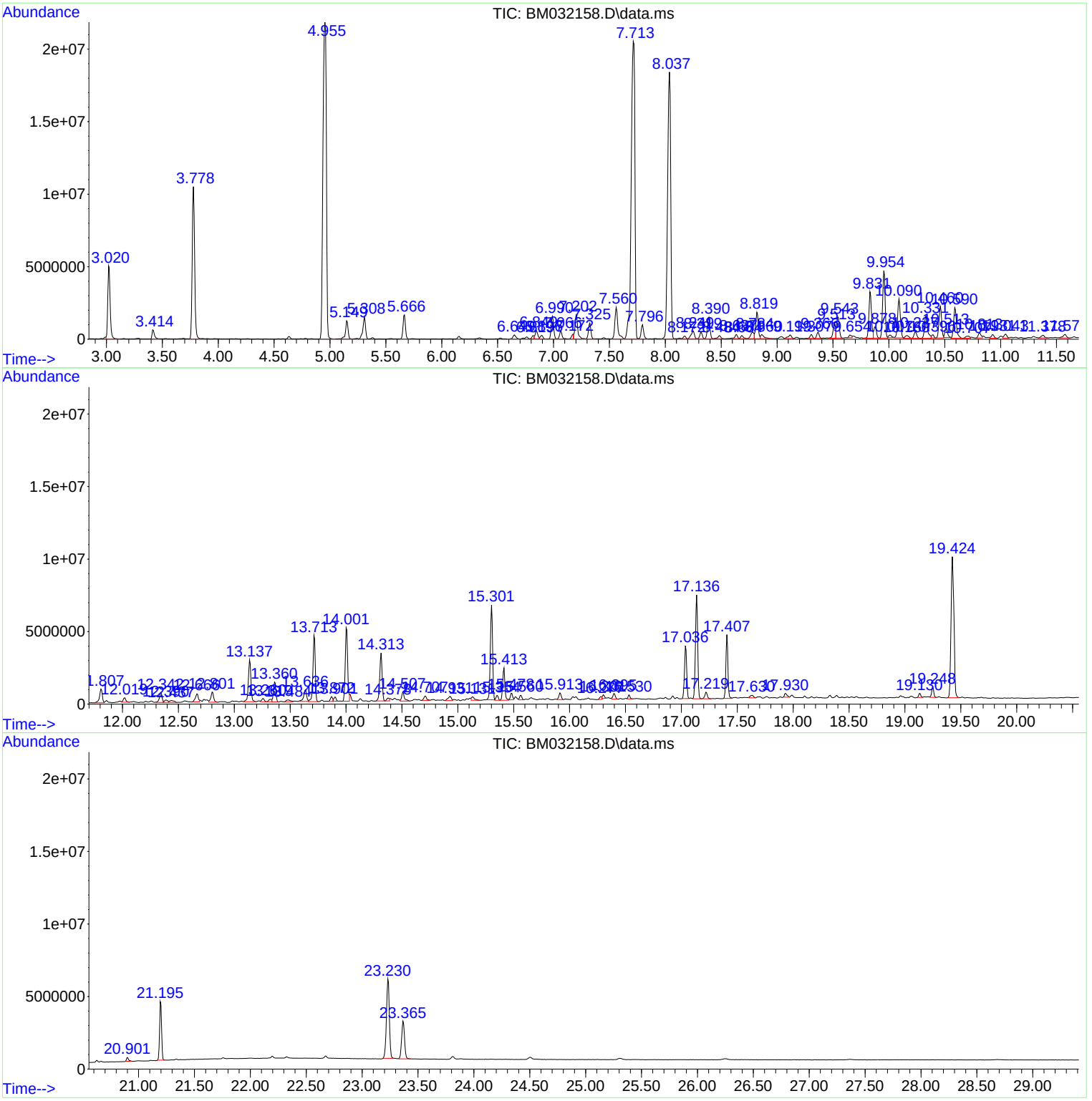
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GB6Z3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GB6Z3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

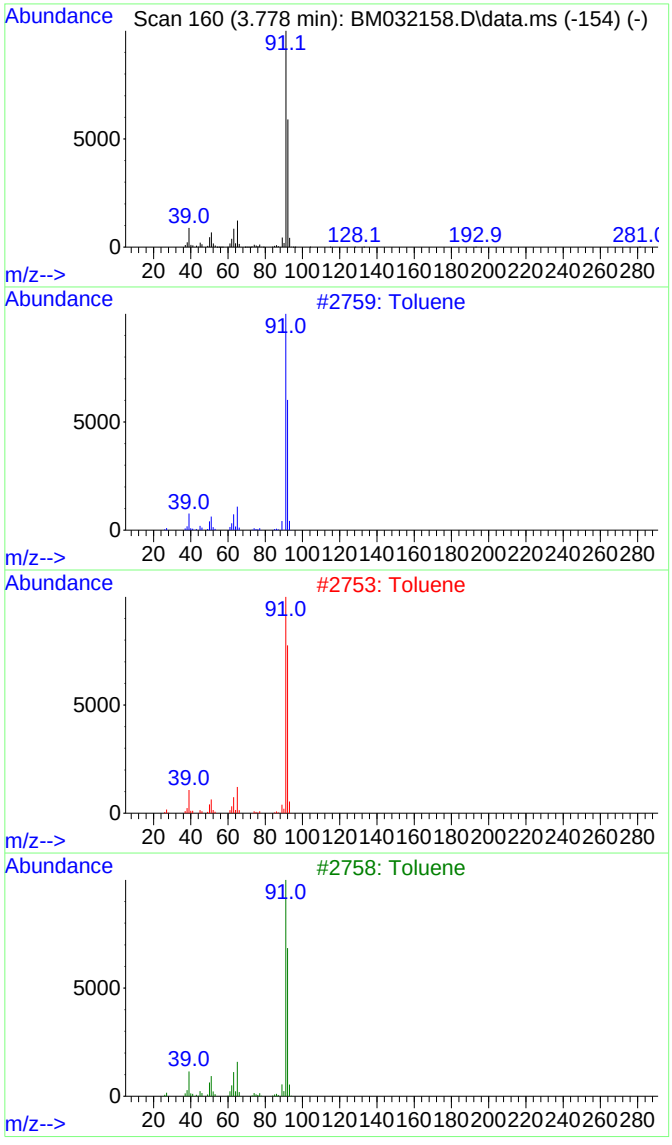
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

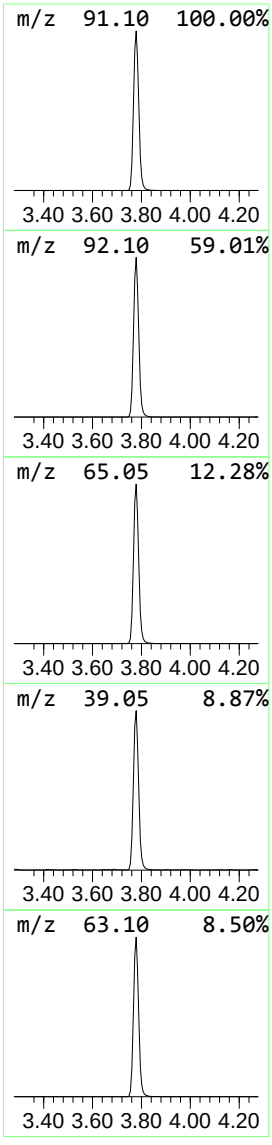
**********

Peak Number 1 Toluene Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.778 | 6.66 ng/ul | 15619600 | 1,4-Dichlorobenzene-d4 | 7.672 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Toluene | 92 | C7H8 | 000108-88-3 | 95 |
| 2 | Toluene | 92 | C7H8 | 000108-88-3 | 95 |
| 3 | Toluene | 92 | C7H8 | 000108-88-3 | 95 |
| 4 | Toluene | 92 | C7H8 | 000108-88-3 | 91 |
| 5 | Toluene | 92 | C7H8 | 000108-88-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GB6Z3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

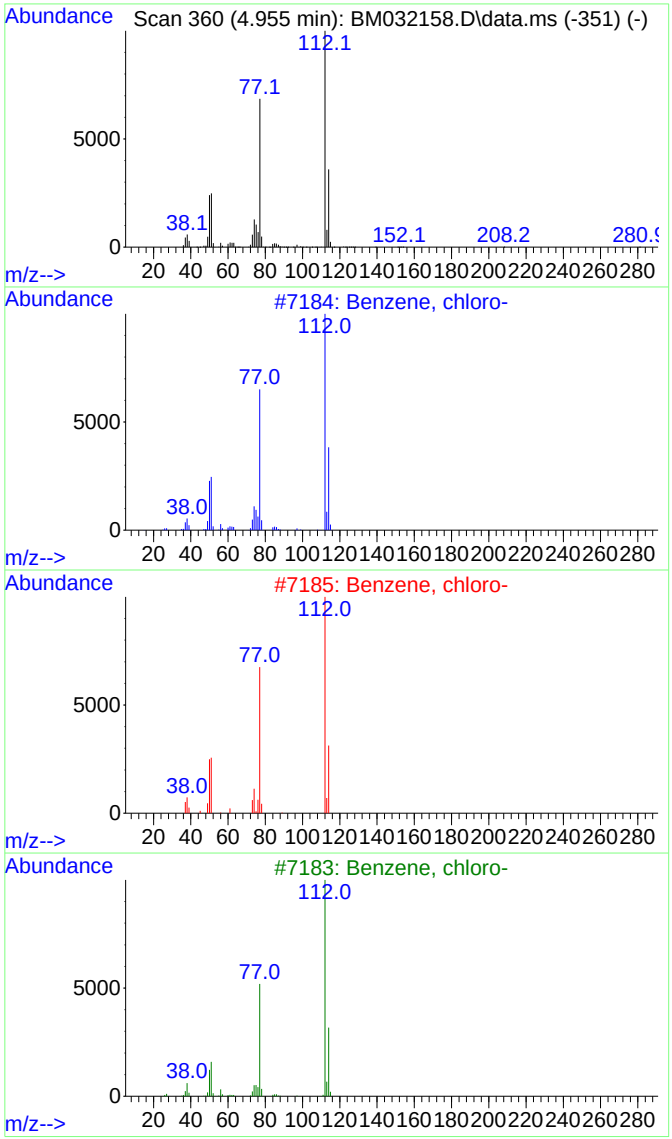
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

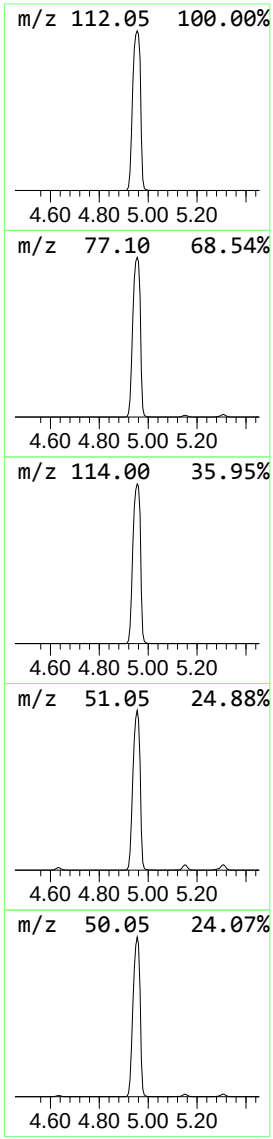
**********

Peak Number 2 Benzene, chloro- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.955 | 19.76 ng/ul | 46339600 | 1,4-Dichlorobenzene-d4 | 7.672 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, chloro- | 112 | C6H5Cl | 000108-90-7 | 96 |
| 2 | Benzene, chloro- | 112 | C6H5Cl | 000108-90-7 | 96 |
| 3 | Benzene, chloro- | 112 | C6H5Cl | 000108-90-7 | 94 |
| 4 | Benzene, chloro- | 112 | C6H5Cl | 000108-90-7 | 94 |
| 5 | Benzene, chloro- | 112 | C6H5Cl | 000108-90-7 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

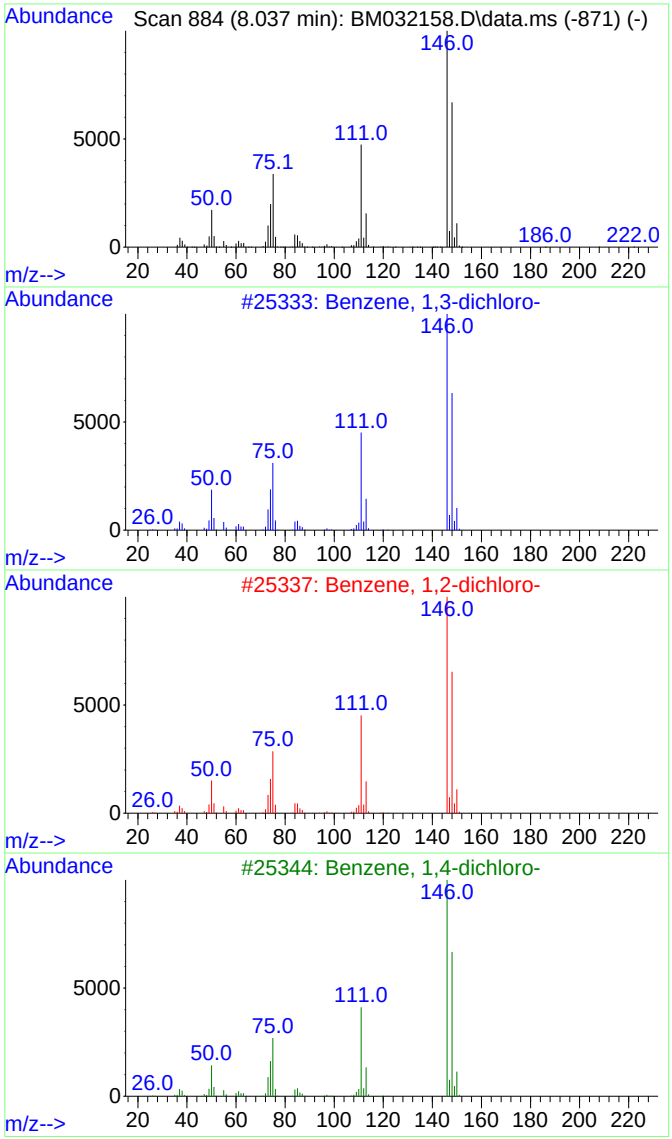
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

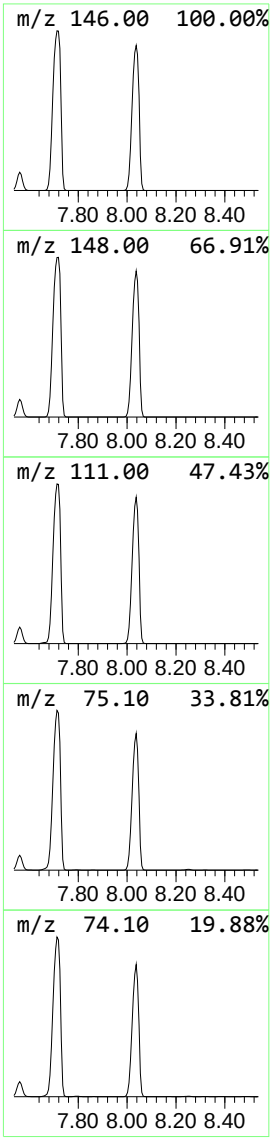
**********

Peak Number 3 Benzene, 1,3-dichloro- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.037 | 15.18 ng/ul | 35596200 | 1,4-Dichlorobenzene-d4 | 7.672 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 98 |
| 2 | Benzene, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 98 |
| 3 | Benzene, 1,4-dichloro- | 146 | C6H4Cl2 | 000106-46-7 | 98 |
| 4 | Benzene, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 97 |
| 5 | Benzene, 1,4-dichloro- | 146 | C6H4Cl2 | 000106-46-7 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

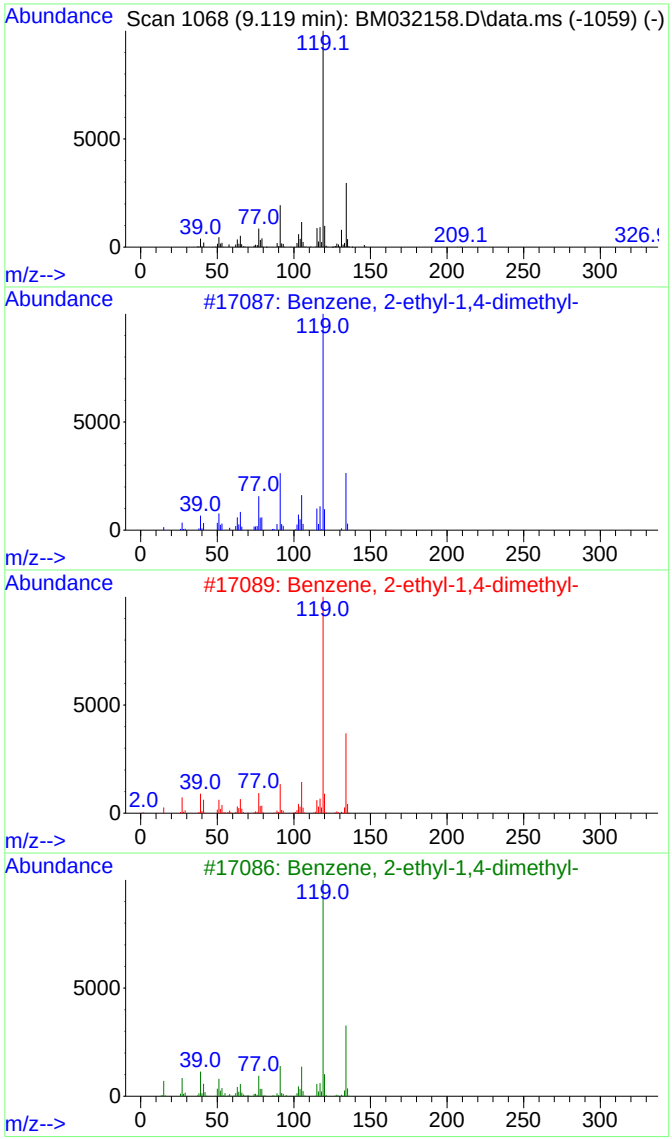
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

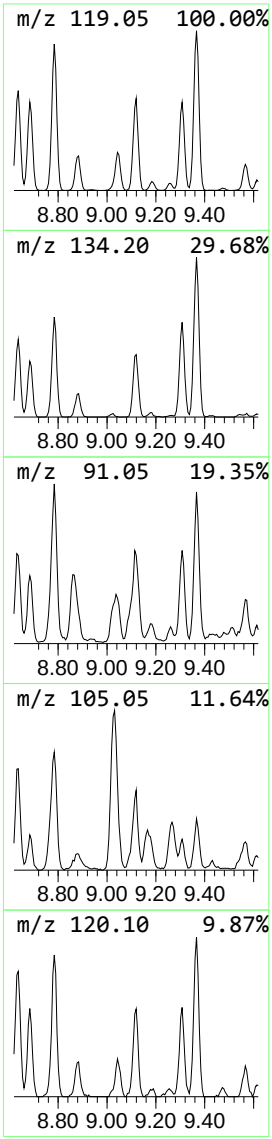
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.119 | 2.99 ng/ul | 531121 | Naphthalene-d8 | 10.460 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 96 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 3 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 95 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 95 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GB6Z3

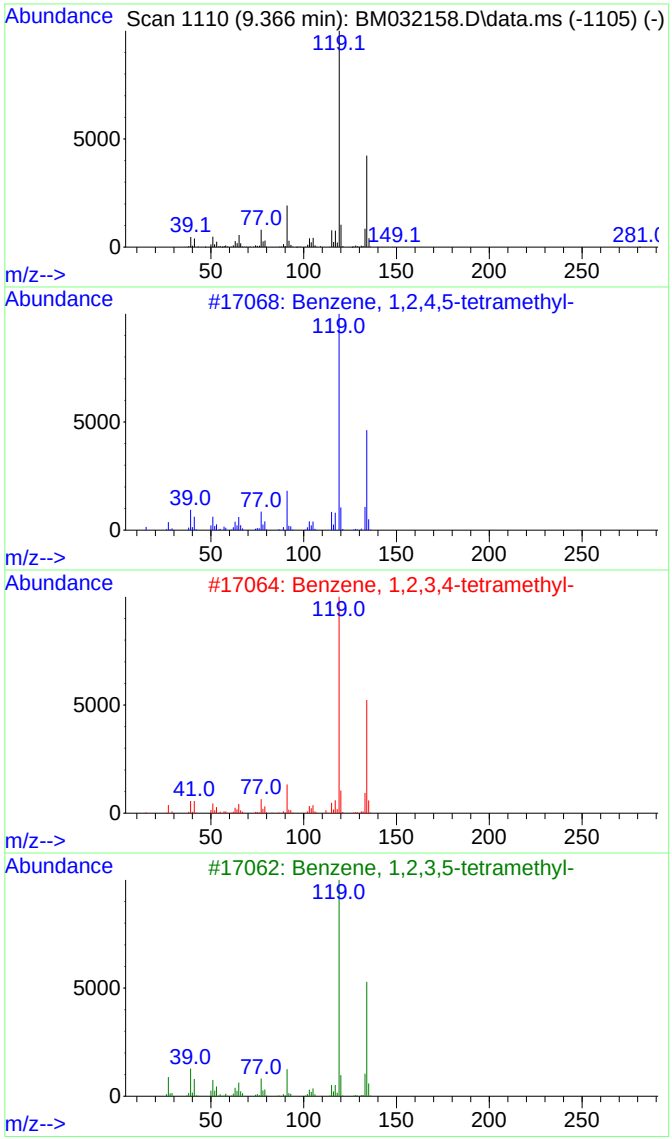
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

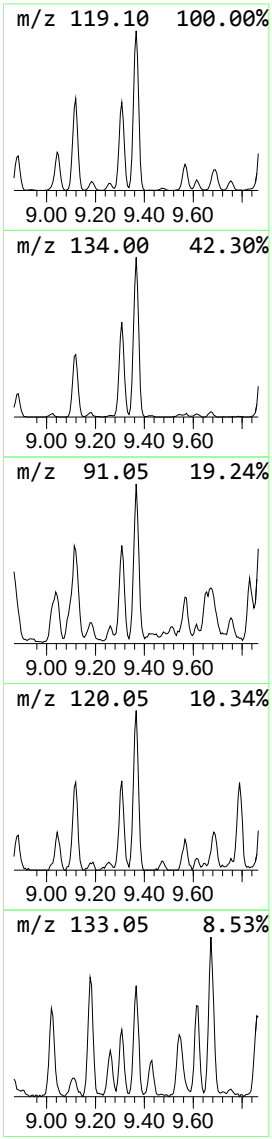
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.366 | 3.65 ng/ul | 647790 | Naphthalene-d8 | 10.460 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 97 |
| 2 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 95 |
| 3 | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14 | 000527-53-7 | 94 |
| 4 | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14 | 000488-23-3 | 94 |
| 5 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 94 |



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Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GB6Z3

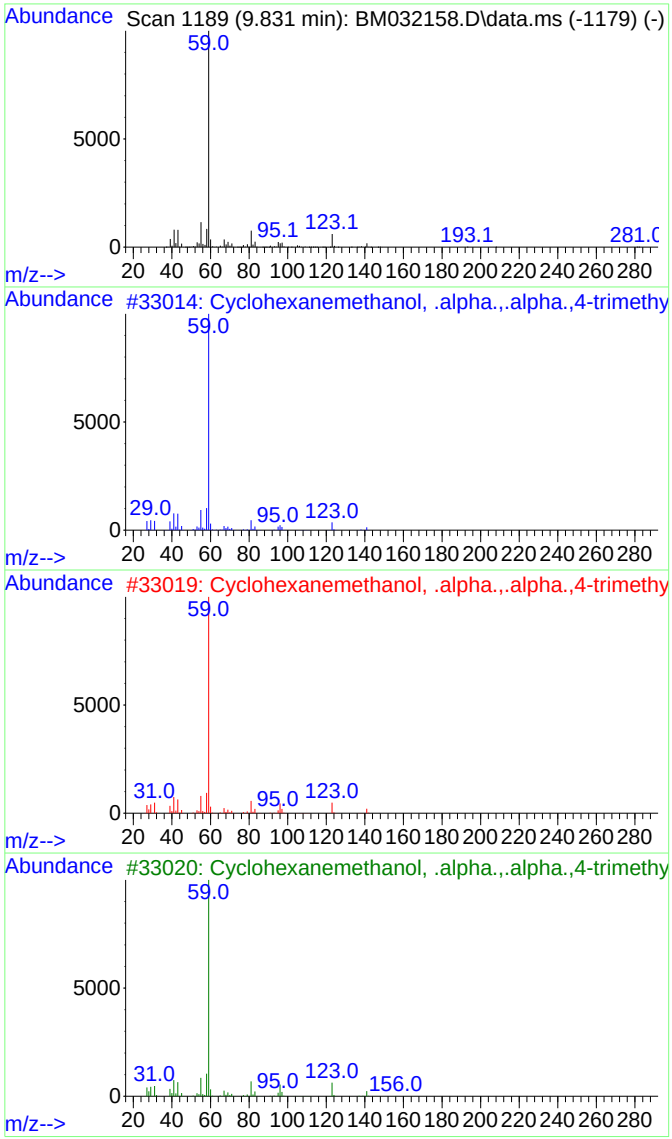
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

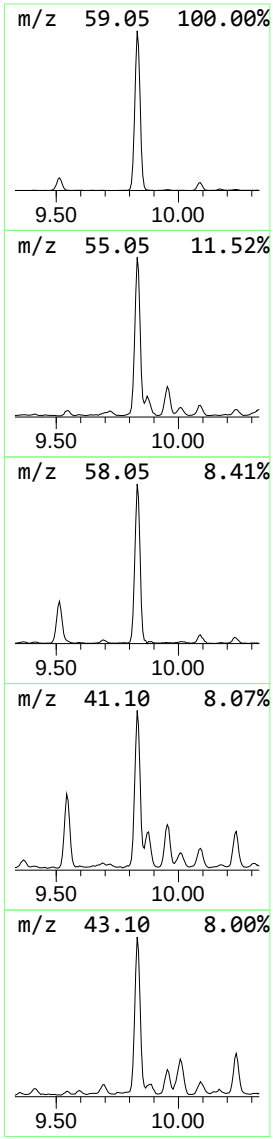
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Cyclohexanemethanol, .alpha... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.831 | 28.69 ng/ul | 5088770 | Naphthalene-d8 | 10.460 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanemethanol, .alpha.,.al... | 156 | C10H20O | 000498-81-7 | 83 |
| 2 | Cyclohexanemethanol, .alpha.,.al... | 156 | C10H20O | 007322-63-6 | 78 |
| 3 | Cyclohexanemethanol, .alpha.,.al... | 156 | C10H20O | 005114-00-1 | 78 |
| 4 | o-Menthan-8-ol | 156 | C10H20O | 343855-44-7 | 64 |
| 5 | Cyclohexanemethanol, .alpha.,.al... | 156 | C10H20O | 000498-81-7 | 64 |



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Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
GB6Z3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

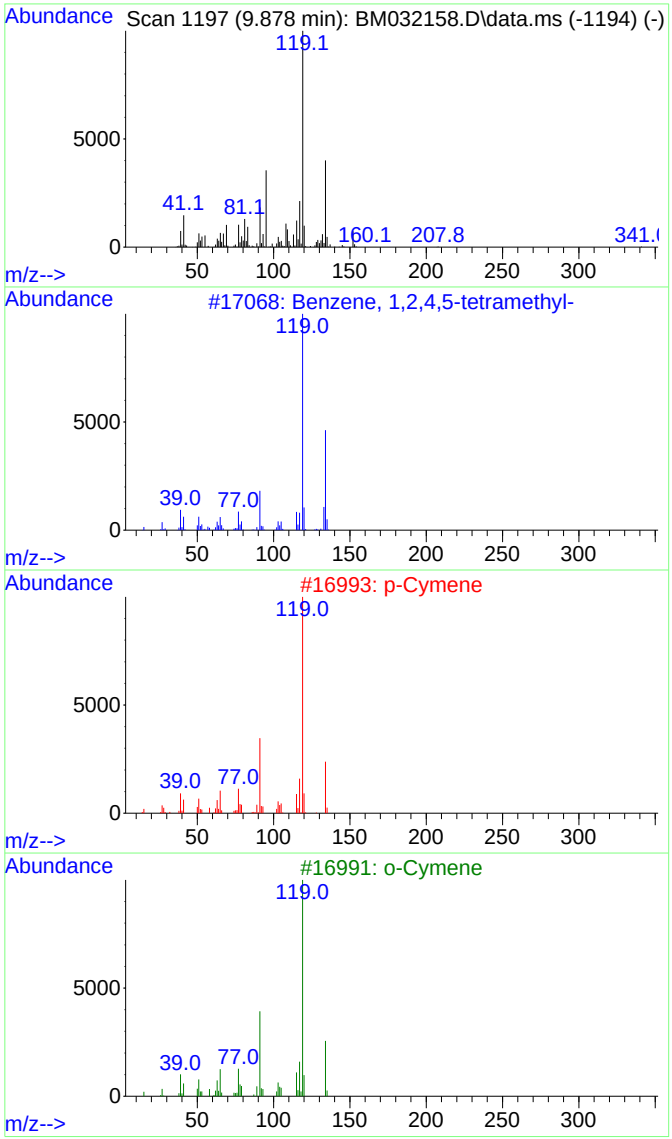
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

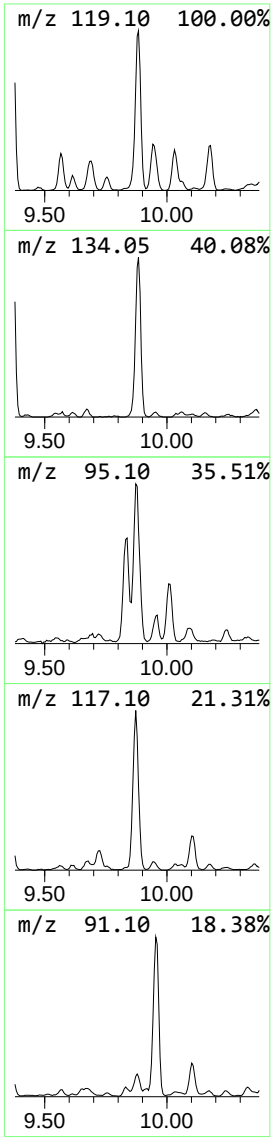
**********

Peak Number 8 p-Cymene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.878 | 6.69 ng/ul | 1186670 | Naphthalene-d8 | 10.460 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14 | 000095-93-2 | 86 |
| 2 | p-Cymene | 134 | C10H14 | 000099-87-6 | 81 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 76 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 70 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 70 |



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Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

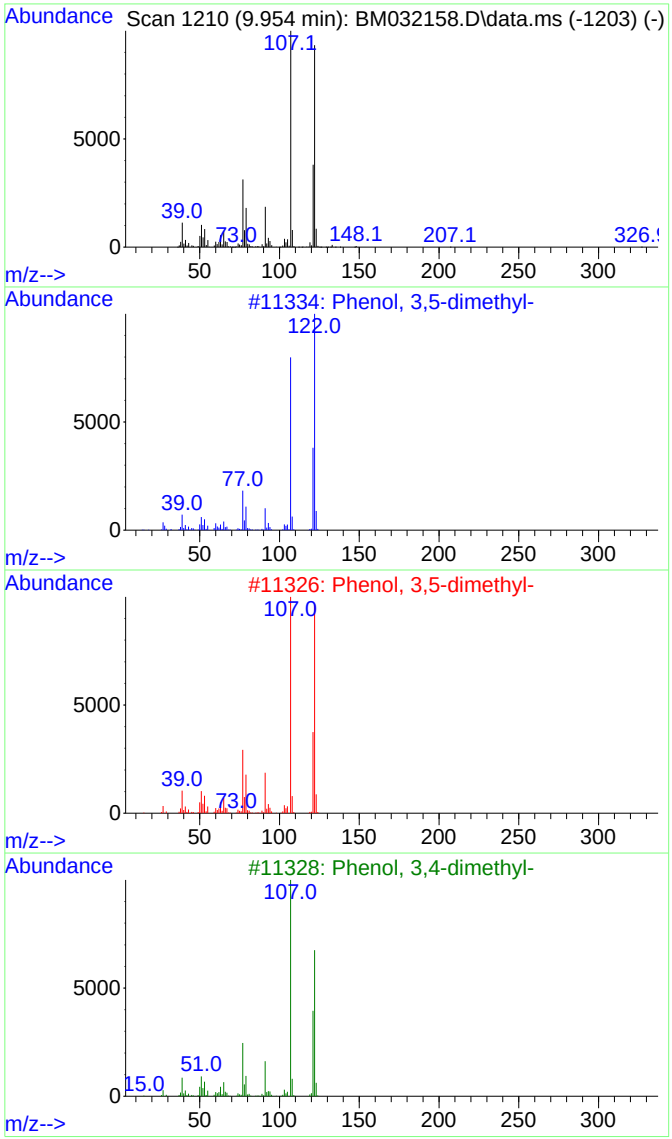
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

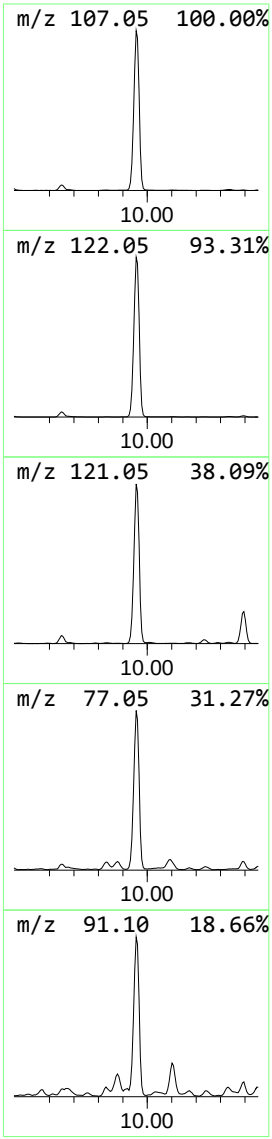
**********

Peak Number 9 Phenol, 3,5-dimethyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.954 | 40.45 ng/ul | 7174930 | Naphthalene-d8 | 10.460 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 96 |
| 2 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 96 |
| 3 | Phenol, 3,4-dimethyl- | 122 | C8H10O | 000095-65-8 | 94 |
| 4 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 93 |
| 5 | Phenol, 3,5-dimethyl- | 122 | C8H10O | 000108-68-9 | 93 |



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Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

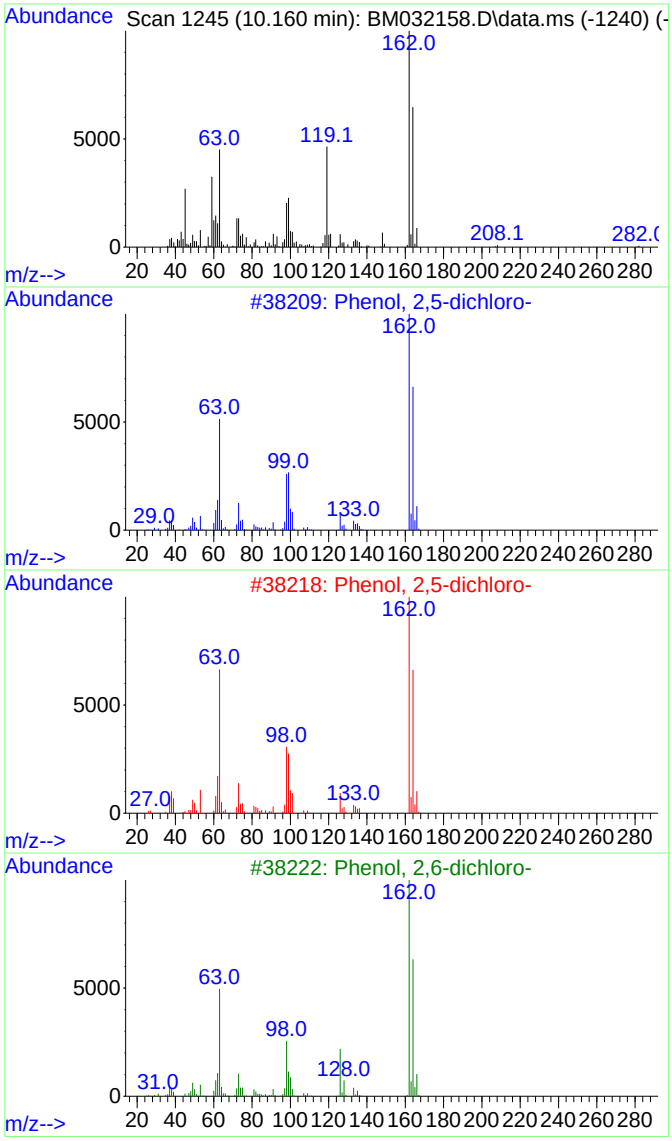
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

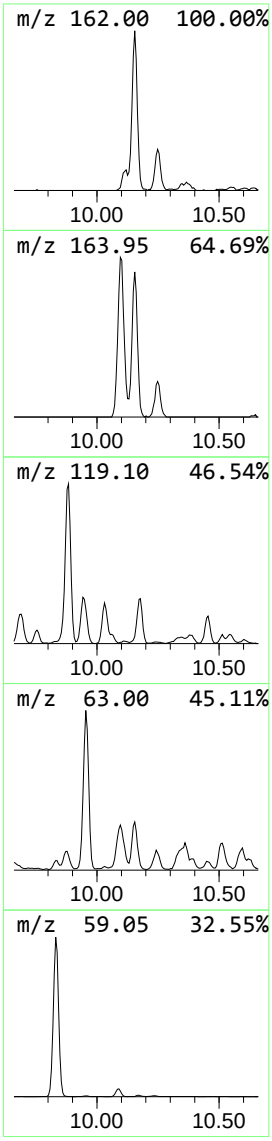
**********

Peak Number 10 Phenol, 2,5-dichloro- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.160 | 2.34 ng/ul | 415830 | Naphthalene-d8 | 10.460 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,5-dichloro- | 162 | C6H4Cl2O | 000583-78-8 | 91 |
| 2 | Phenol, 2,5-dichloro- | 162 | C6H4Cl2O | 000583-78-8 | 91 |
| 3 | Phenol, 2,6-dichloro- | 162 | C6H4Cl2O | 000087-65-0 | 90 |
| 4 | Phenol, 2,4-dichloro- | 162 | C6H4Cl2O | 000120-83-2 | 81 |
| 5 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 81 |



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Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

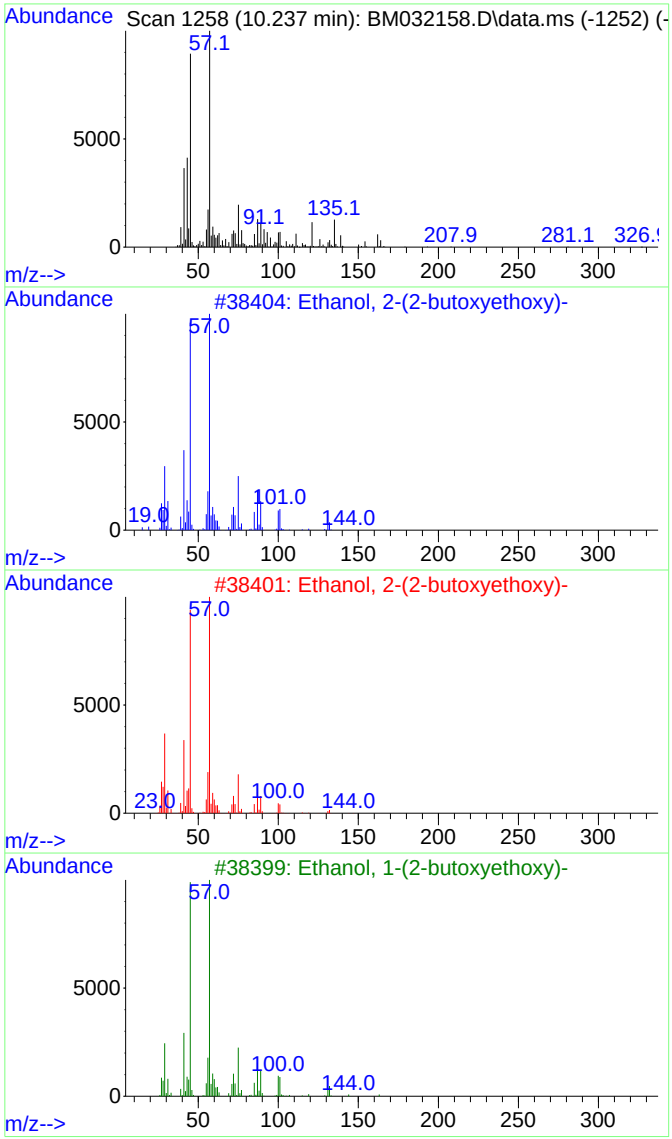
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

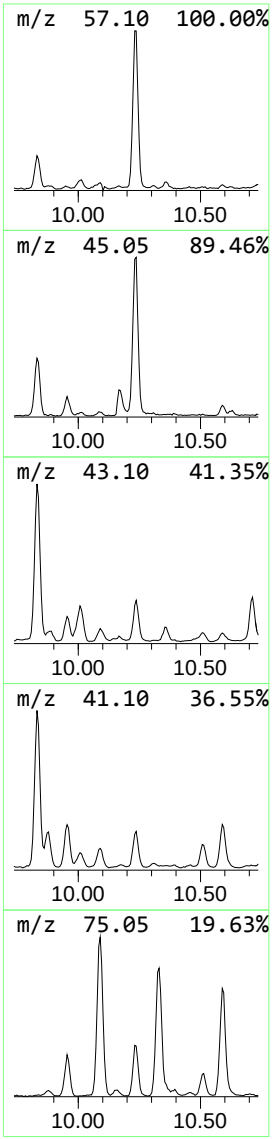
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.237 | 4.39 ng/ul | 778360 | Naphthalene-d8 | 10.460 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 74 |
| 2 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 72 |
| 3 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 72 |
| 4 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 72 |
| 5 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 64 |



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Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

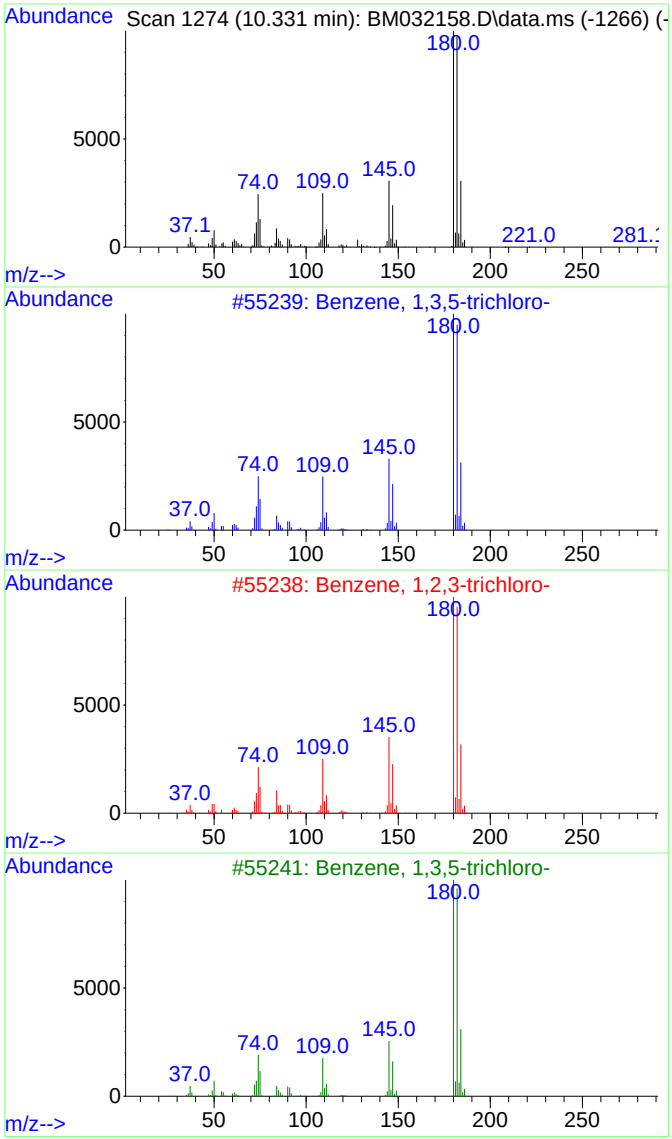
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

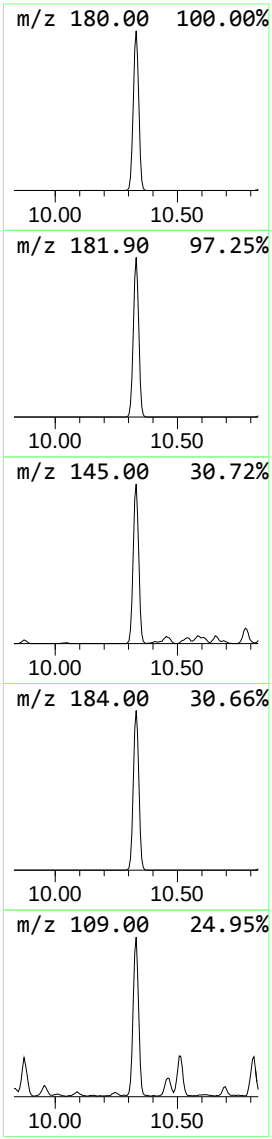
**********

Peak Number 12 Benzene, 1,3,5-trichloro- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.331 | 16.37 ng/ul | 2904070 | Naphthalene-d8 | 10.460 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 98 |
| 2 | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 98 |
| 3 | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 98 |
| 4 | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 98 |
| 5 | Benzene, 1,2,4-trichloro- | 180 | C6H3Cl3 | 000120-82-1 | 97 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

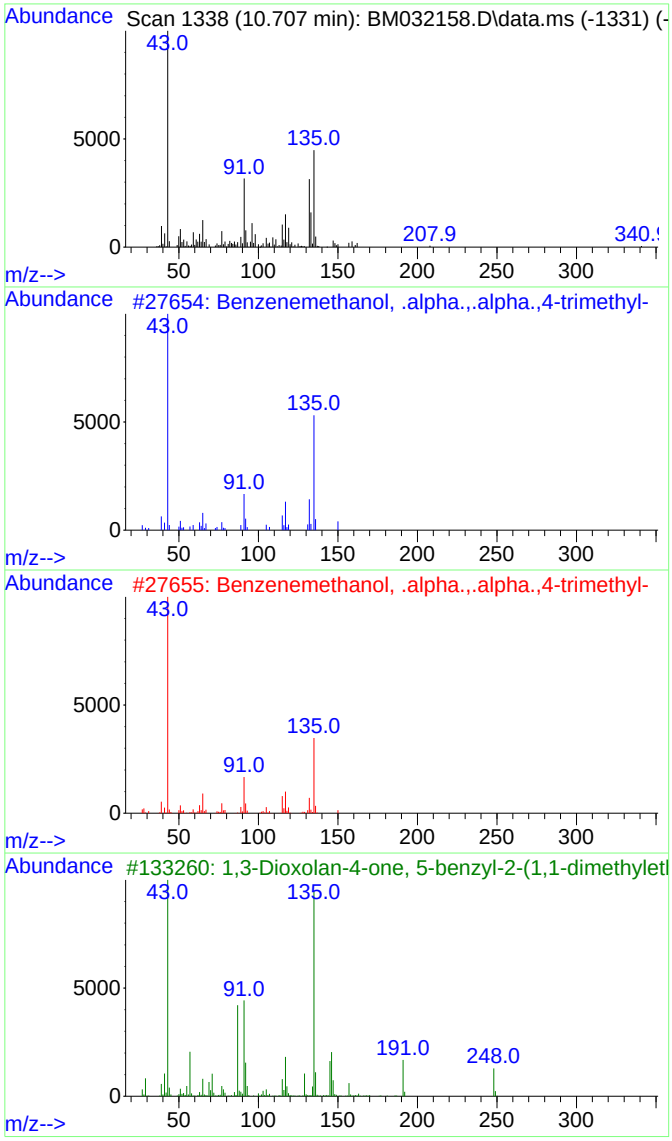
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

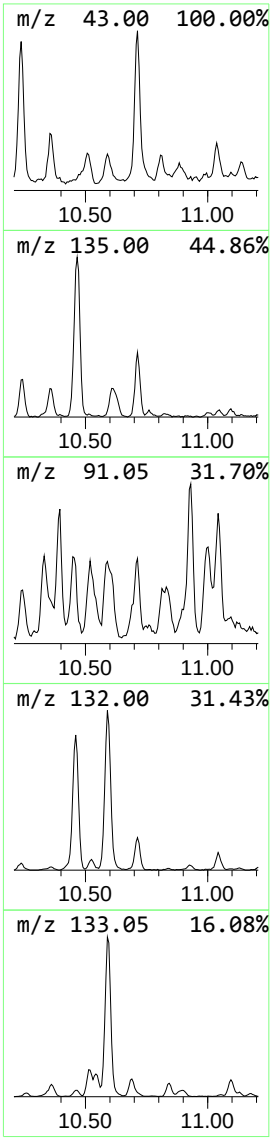
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzenemethanol, .alpha.,.a... Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.707 | 2.10 ng/ul | 373091 | Naphthalene-d8 | 10.460 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenemethanol, .alpha.,.alpha.... | 150 | C10H14O | 001197-01-9 | 53 |
| 2 | Benzenemethanol, .alpha.,.alpha.... | 150 | C10H14O | 001197-01-9 | 53 |
| 3 | 1,3-Dioxolan-4-one, 5-benzyl-2-(... | 248 | C15H20O3 | 1000197-89-5 | 35 |
| 4 | Benzenemethanol, .alpha.,.alpha.... | 150 | C10H14O | 001197-01-9 | 17 |
| 5 | 2-(4-Fluorophenyl)-3-oxobutaneni... | 177 | C10H8FNO | 000447-03-0 | 12 |



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Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

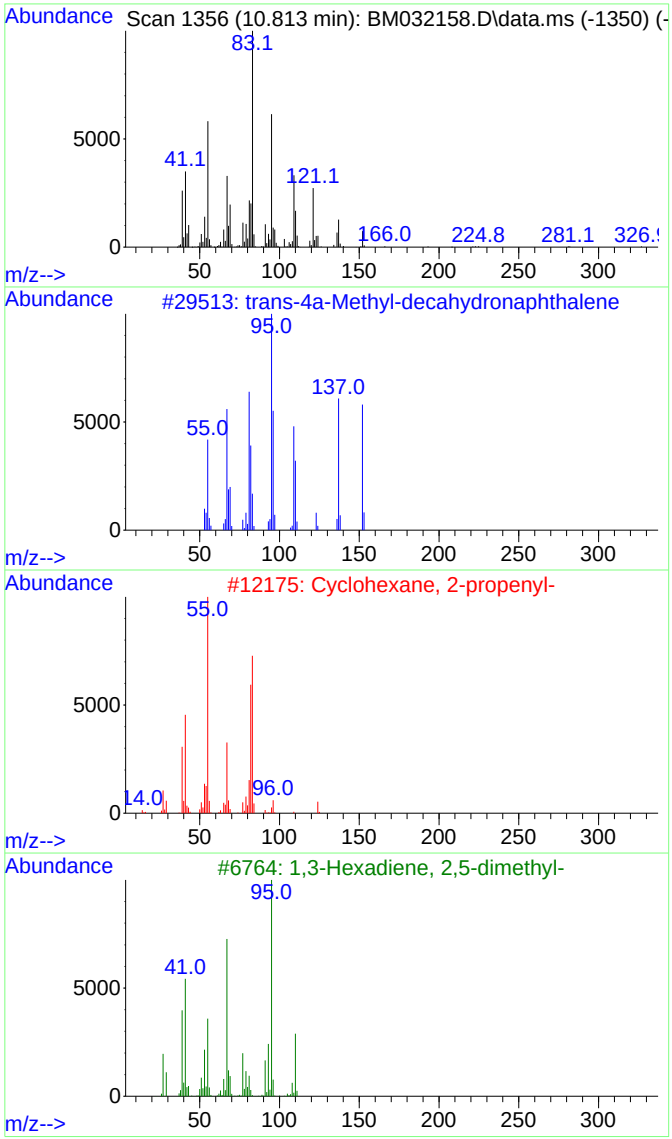
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

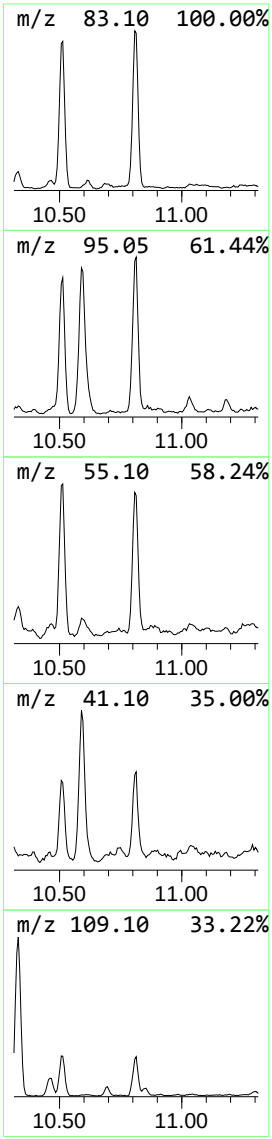
**********

Peak Number 14 unknown-01 Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.813 | 3.57 ng/ul | 632712 | Naphthalene-d8 | 10.460 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | trans-4a-Methyl-decahydronaphtha... | 152 | C11H20 | 002547-27-5 | 46 |
| 2 | Cyclohexane, 2-propenyl- | 124 | C9H16 | 002114-42-3 | 43 |
| 3 | 1,3-Hexadiene, 2,5-dimethyl- | 110 | C8H14 | 029253-64-3 | 35 |
| 4 | Cyclopentane, 1,2-dimethyl-3-met... | 110 | C8H14 | 1000150-99-3 | 30 |
| 5 | Cyclohexane, methyl- | 98 | C7H14 | 000108-87-2 | 27 |



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Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

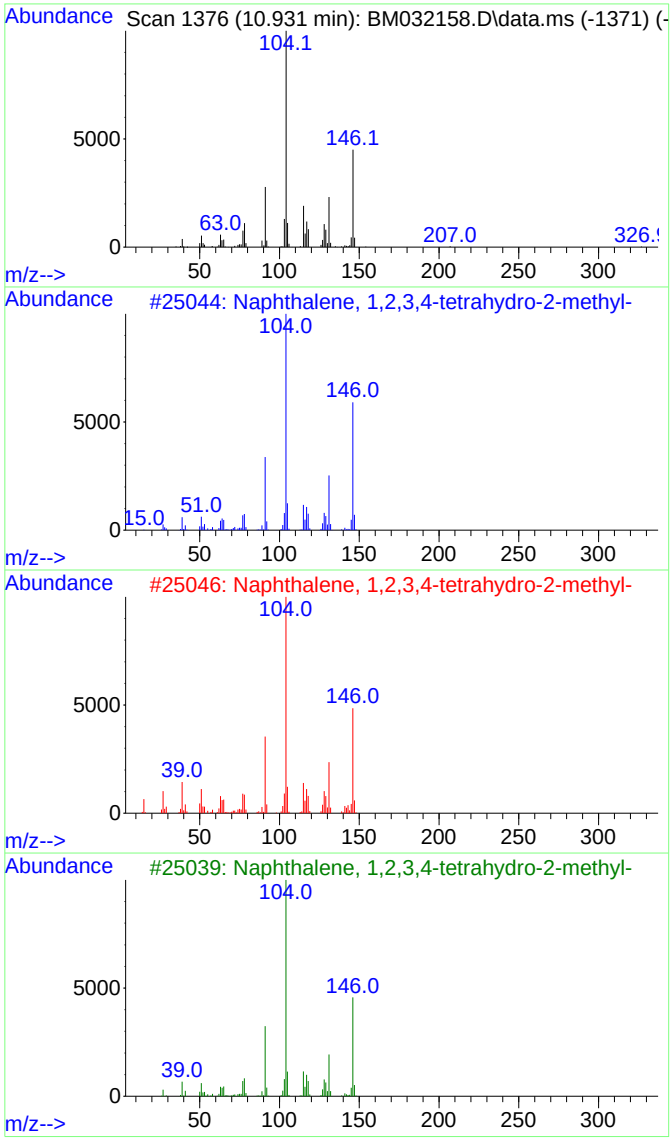
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

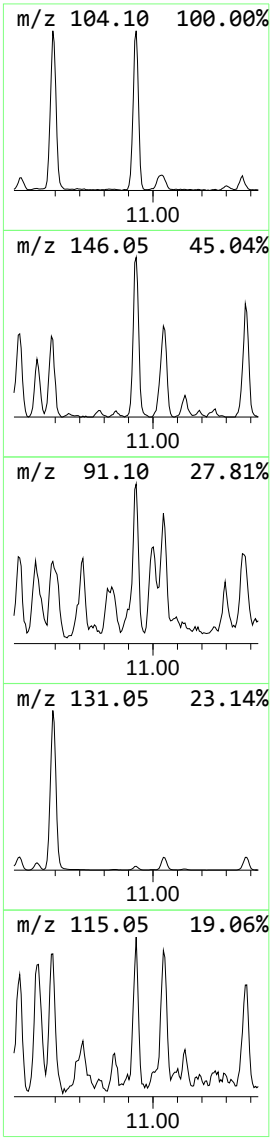
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.931 | 2.35 ng/ul | 416458 | Naphthalene-d8 | 10.460 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 003877-19-8 | 93 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 003877-19-8 | 93 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 003877-19-8 | 87 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 003877-19-8 | 76 |
| 5 | 2(1H)-Naphthalenone, 3,4-dihydro- | 146 | C10H10O | 000530-93-8 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

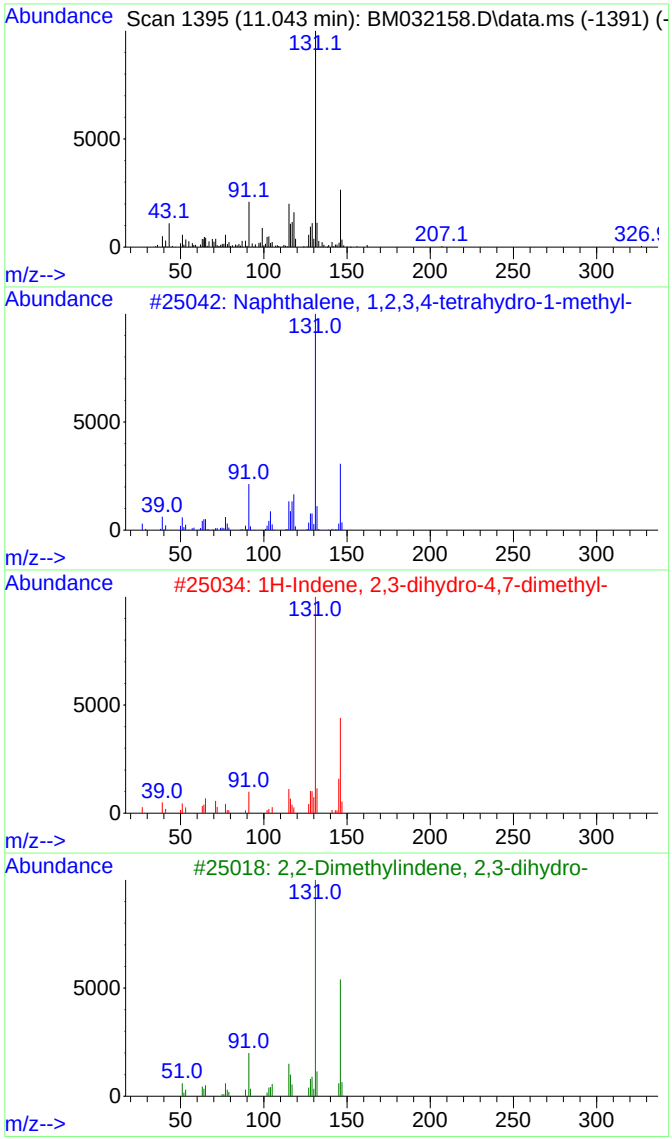
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

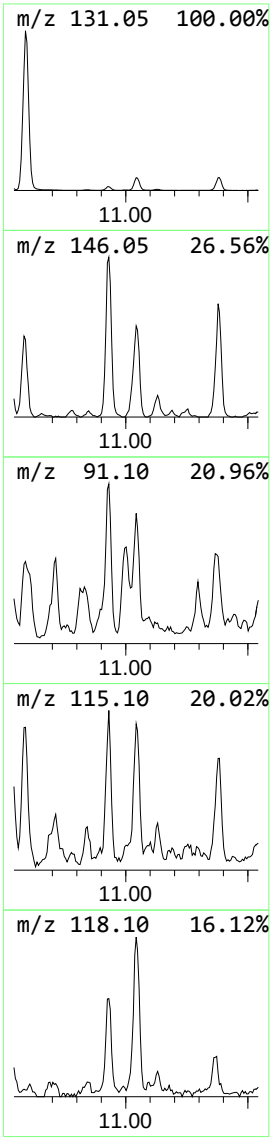
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.043 | 2.71 ng/ul | 479956 | Naphthalene-d8 | 10.460 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 95 |
| 2 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 93 |
| 3 | 2,2-Dimethylindene, 2,3-dihydro- | 146 | C11H14 | 020836-11-7 | 91 |
| 4 | Benzene, (3-methyl-2-butenyl)- | 146 | C11H14 | 004489-84-3 | 90 |
| 5 | Benzene, 1-methyl-3-(1-methyl-2-... | 146 | C11H14 | 052161-57-6 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

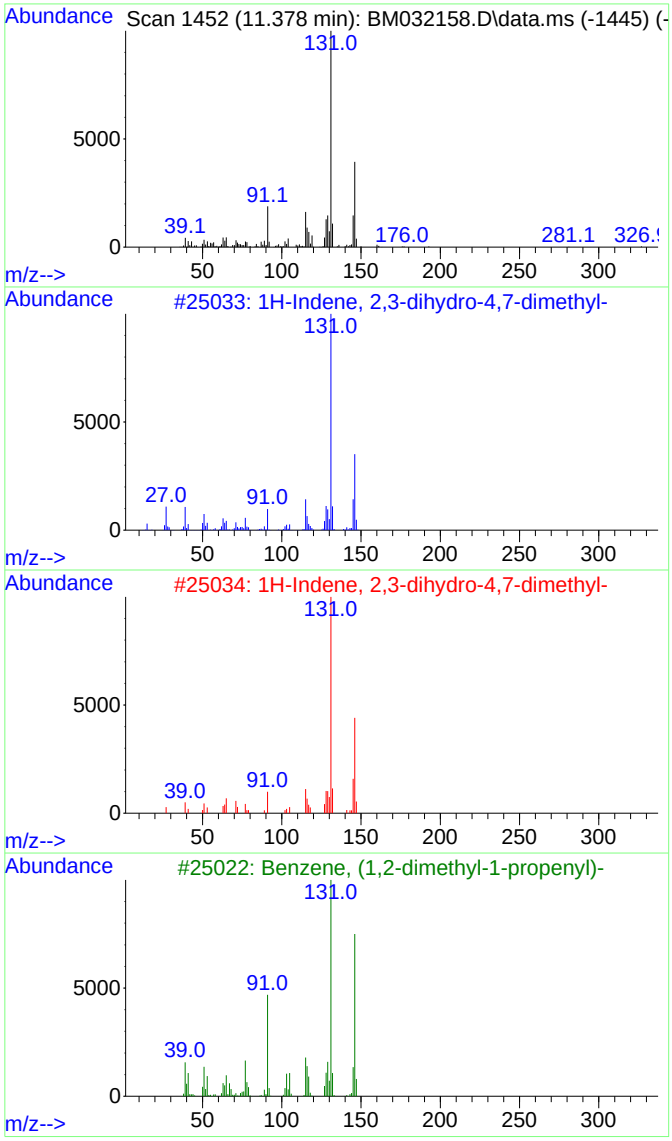
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

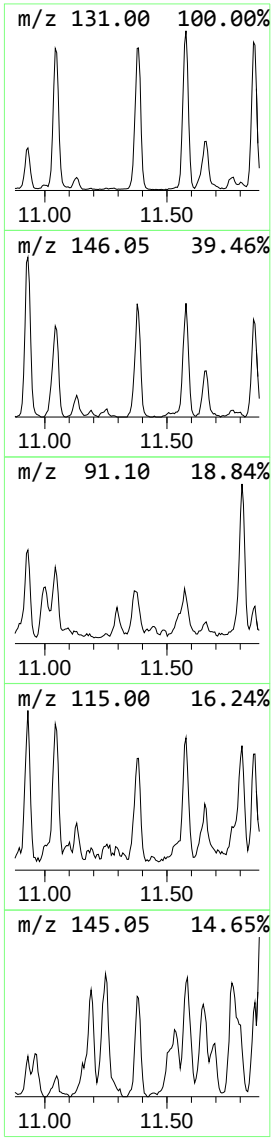
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.378 | 2.17 ng/ul | 385085 | Naphthalene-d8 | 10.460 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 97 |
| 2 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 97 |
| 3 | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14 | 000769-57-3 | 95 |
| 4 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 94 |
| 5 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

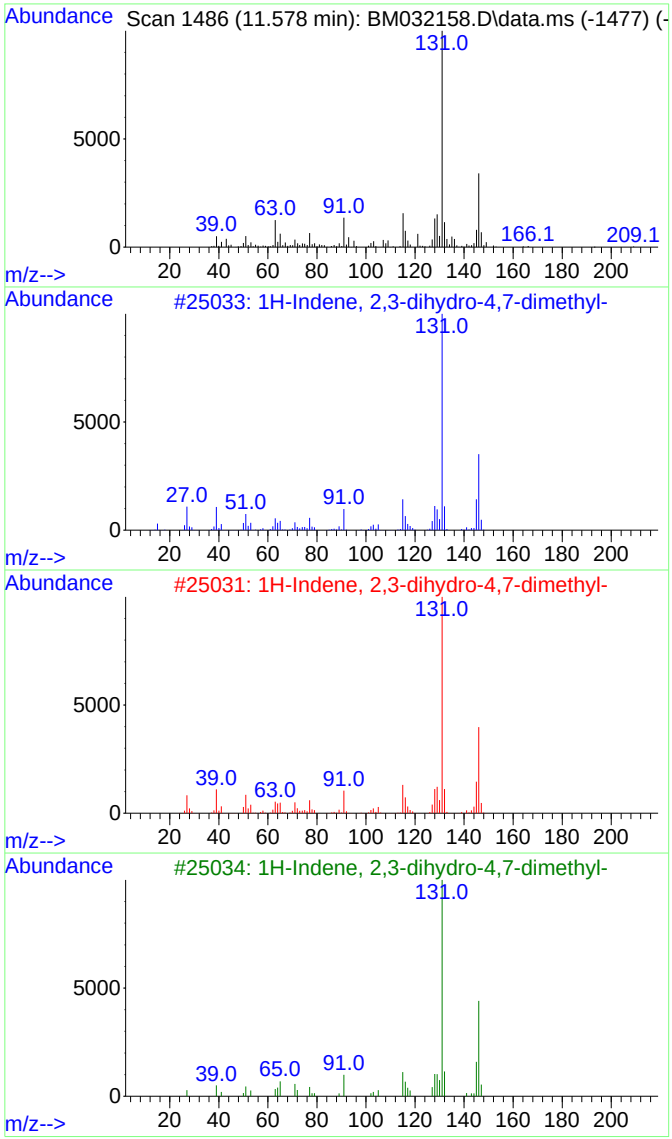
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

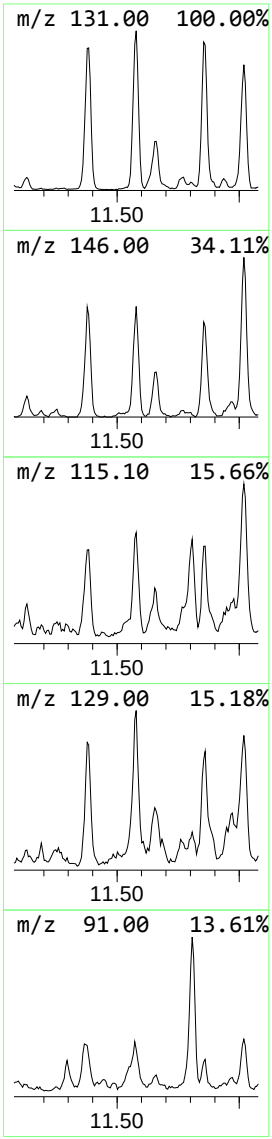
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.578 | 3.01 ng/ul | 534655 | Naphthalene-d8 | 10.460 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 91 |
| 2 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 91 |
| 3 | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14 | 006682-71-9 | 91 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001559-81-5 | 90 |
| 5 | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14 | 017057-82-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

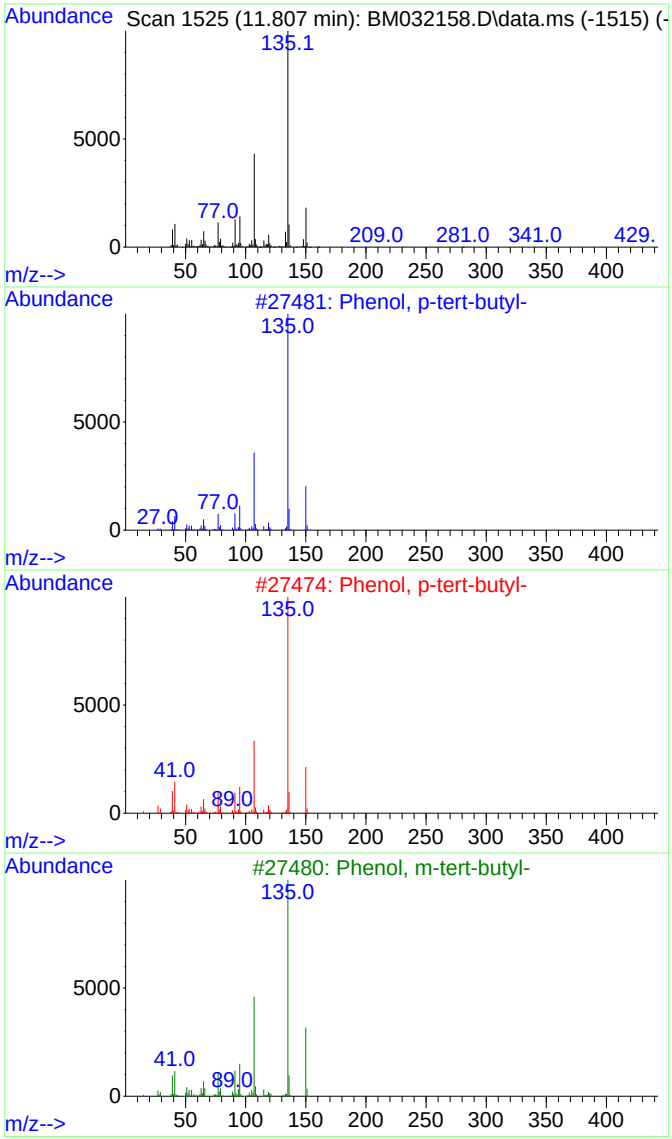
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

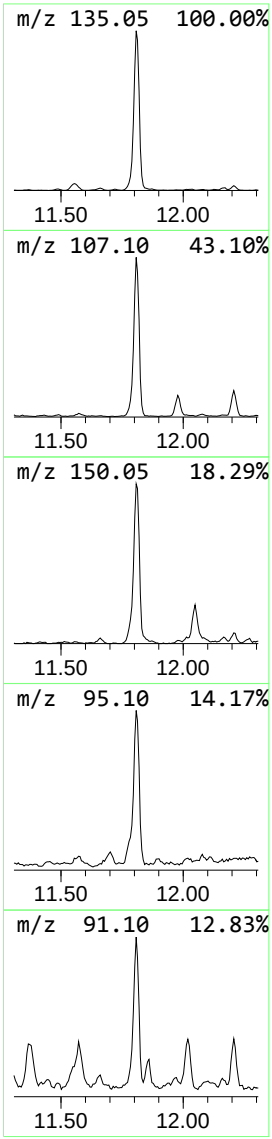
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 Phenol, p-tert-butyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.807 | 9.31 ng/ul | 1651420 | Naphthalene-d8 | 10.460 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 97 |
| 2 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 94 |
| 3 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 87 |
| 4 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 83 |
| 5 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

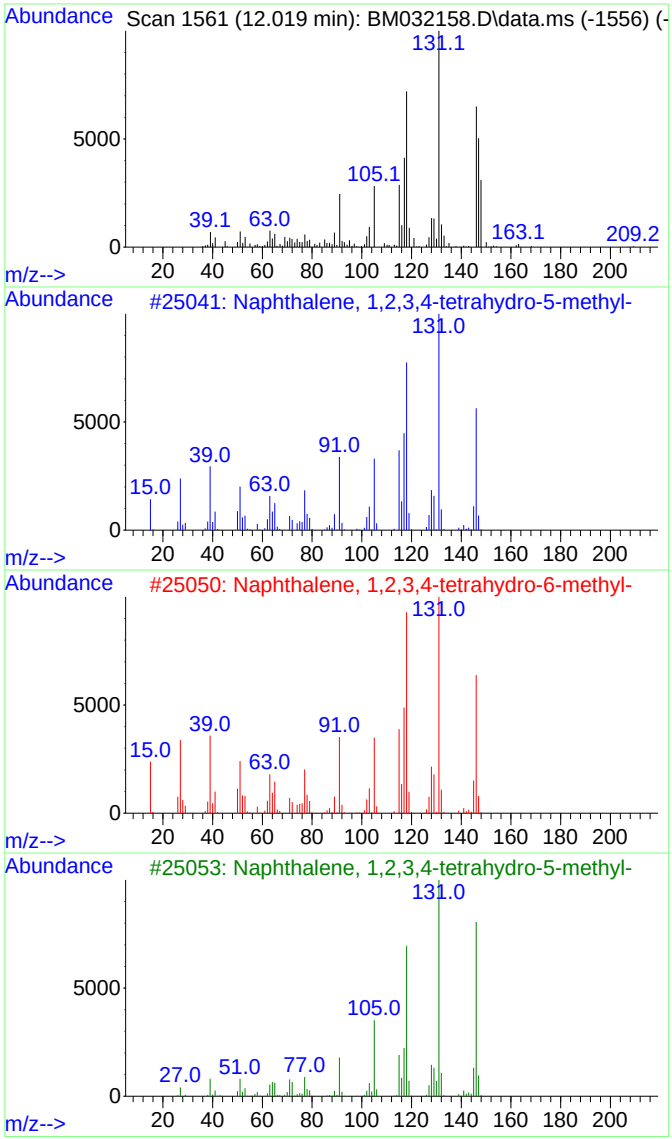
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

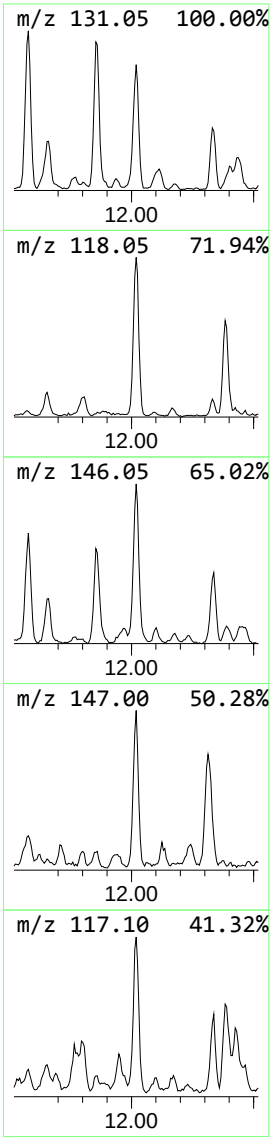
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.019 | 2.83 ng/ul | 502061 | Naphthalene-d8 | 10.460 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 90 |
| 2 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 89 |
| 3 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 76 |
| 4 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 001680-51-9 | 76 |
| 5 | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14 | 002809-64-5 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

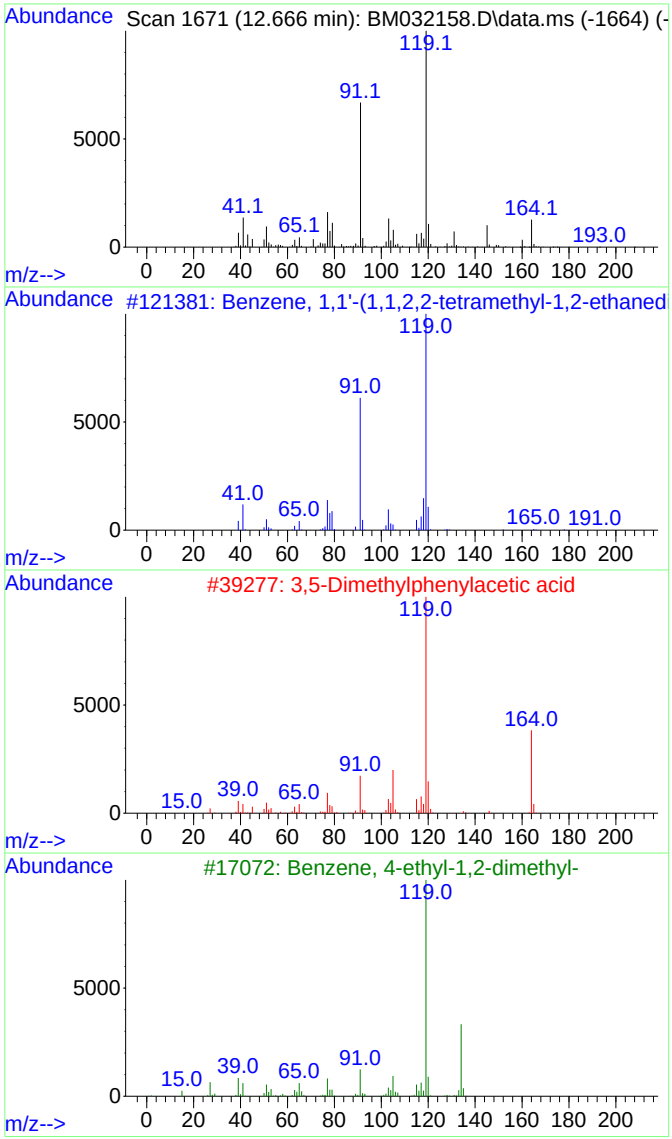
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

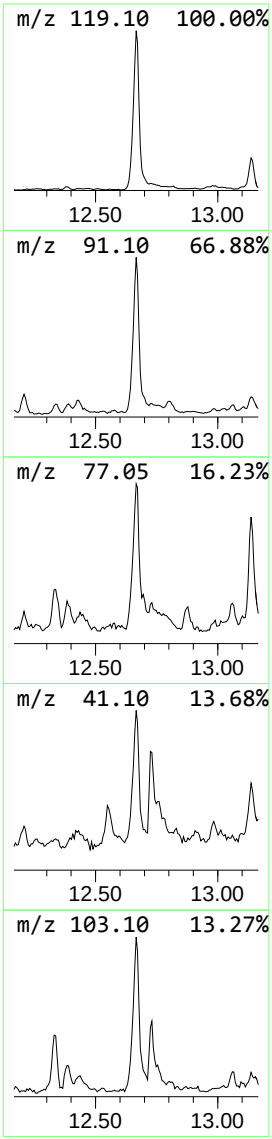
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 Benzene, 1,1'-(1,1,2,2-tetr... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.666 | 4.19 ng/ul | 1006410 | Acenaphthene-d10 | 14.313 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,1'-(1,1,2,2-tetrameth... | 238 | C18H22 | 001889-67-4 | 74 |
| 2 | 3,5-Dimethylphenylacetic acid | 164 | C10H12O2 | 042288-46-0 | 72 |
| 3 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 64 |
| 4 | 2,5-Dimethylbenzyl chloride | 154 | C9H11Cl | 000824-45-3 | 64 |
| 5 | o-Cymene | 134 | C10H14 | 000527-84-4 | 59 |



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Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

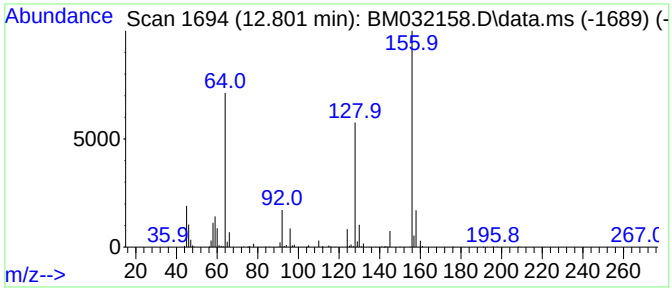
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

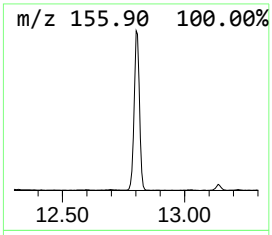
**********

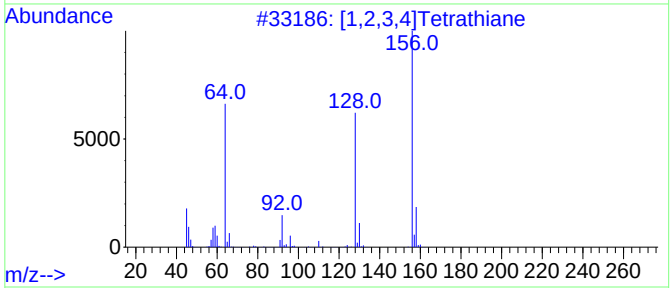
Peak Number 22 [1,2,3,4]Tetrathiane Concentration Rank 12

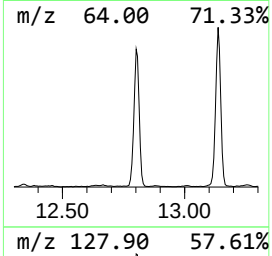
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.801 | 4.84 ng/ul | 1162300 | Acenaphthene-d10 | 14.313 |

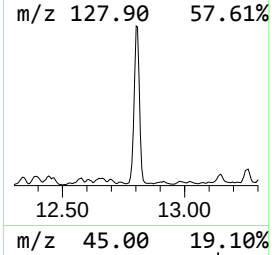
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | [1,2,3,4]Tetrathiane | 156 | C2H4S4 | 000290-81-3 | 97 |
| 2 | Ethyl trifluoromethyl trisulfide | 194 | C3H5F3S3 | 055882-01-4 | 43 |
| 3 | 2-Chloro-5-hydroxy-2,4,6-cyclohe... | 156 | C7H5ClO2 | 007009-16-7 | 40 |
| 4 | 7-Amino-7H-S-triazolo[5,1-c]-S-t... | 156 | C3H4N6S | 013728-28-4 | 38 |
| 5 | 1-Methyl-1,2,3-benzotriazole-5-c... | 158 | C8H6N4 | 1000435-82-2 | 38 |

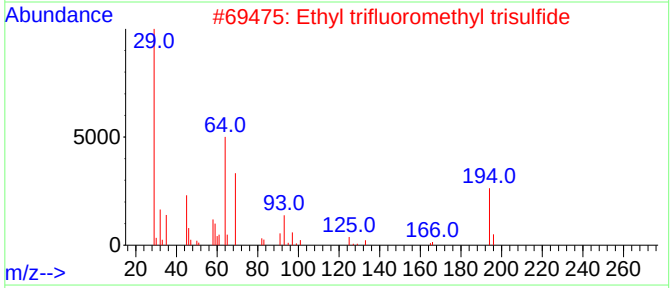


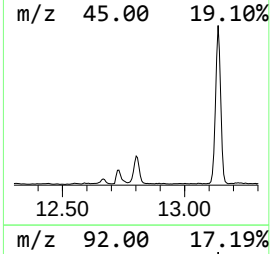



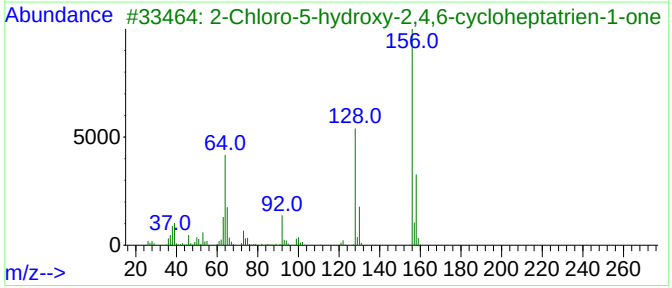



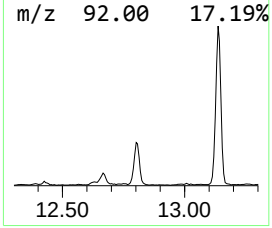



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

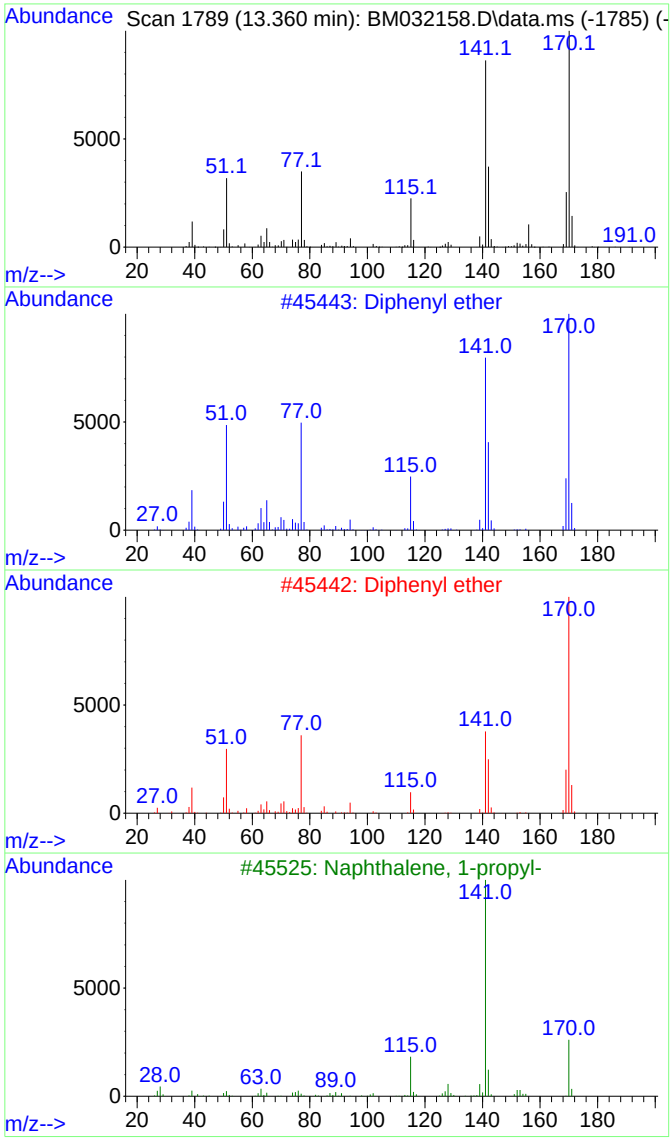
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

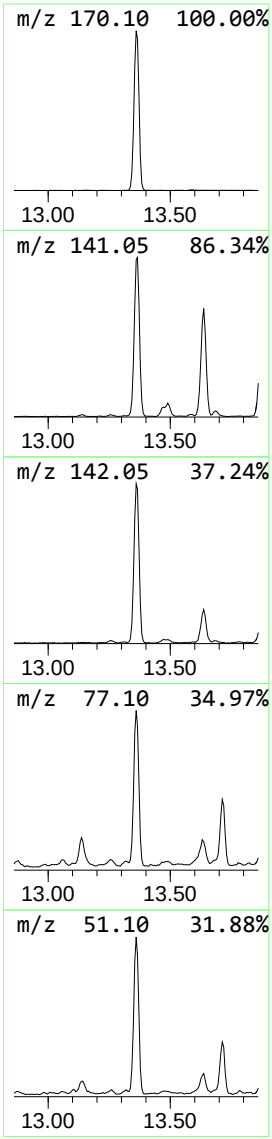
**********

Peak Number 23 Diphenyl ether Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.360 | 8.50 ng/ul | 2039630 | Acenaphthene-d10 | 14.313 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diphenyl ether | 170 | C12H10O | 000101-84-8 | 97 |
| 2 | Diphenyl ether | 170 | C12H10O | 000101-84-8 | 62 |
| 3 | Naphthalene, 1-propyl- | 170 | C13H14 | 002765-18-6 | 58 |
| 4 | Diphenyl ether | 170 | C12H10O | 000101-84-8 | 58 |
| 5 | Diphenyl ether | 170 | C12H10O | 000101-84-8 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

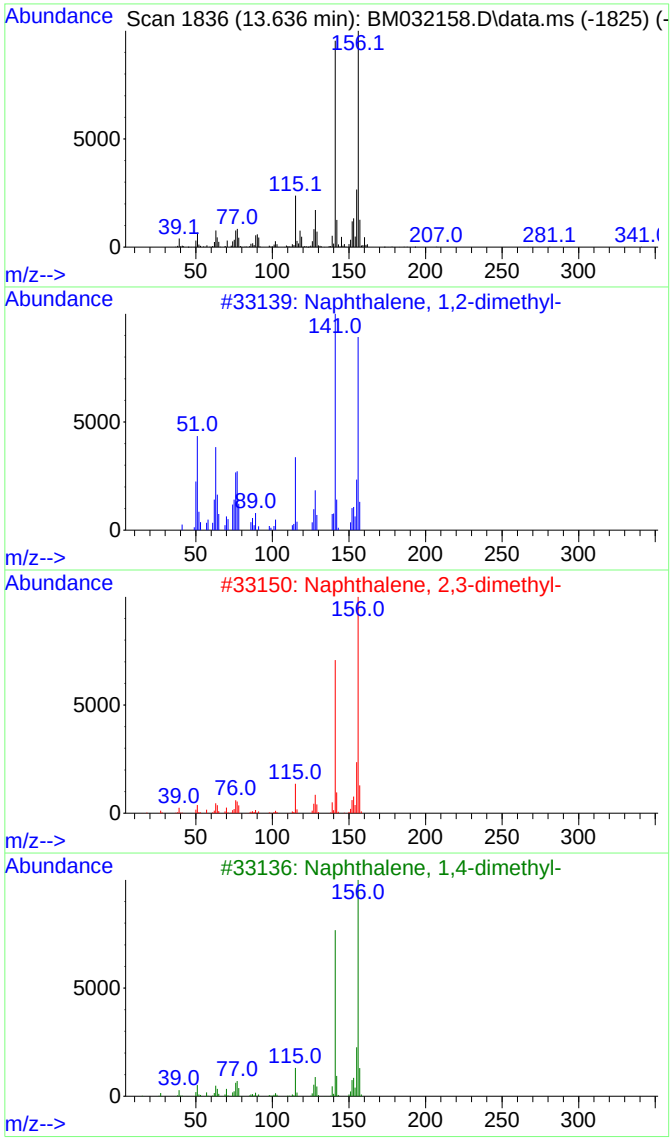
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

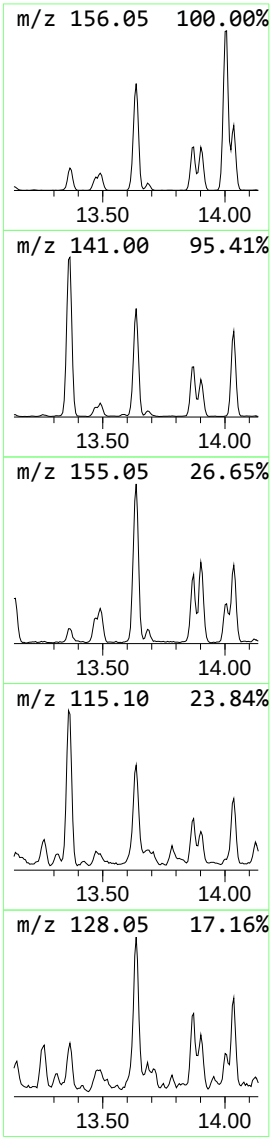
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 24 Naphthalene, 1,2-dimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.637 | 6.31 ng/ul | 1514230 | Acenaphthene-d10 | 14.313 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,2-dimethyl- | 156 | C12H12 | 000573-98-8 | 97 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 3 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 95 |
| 5 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

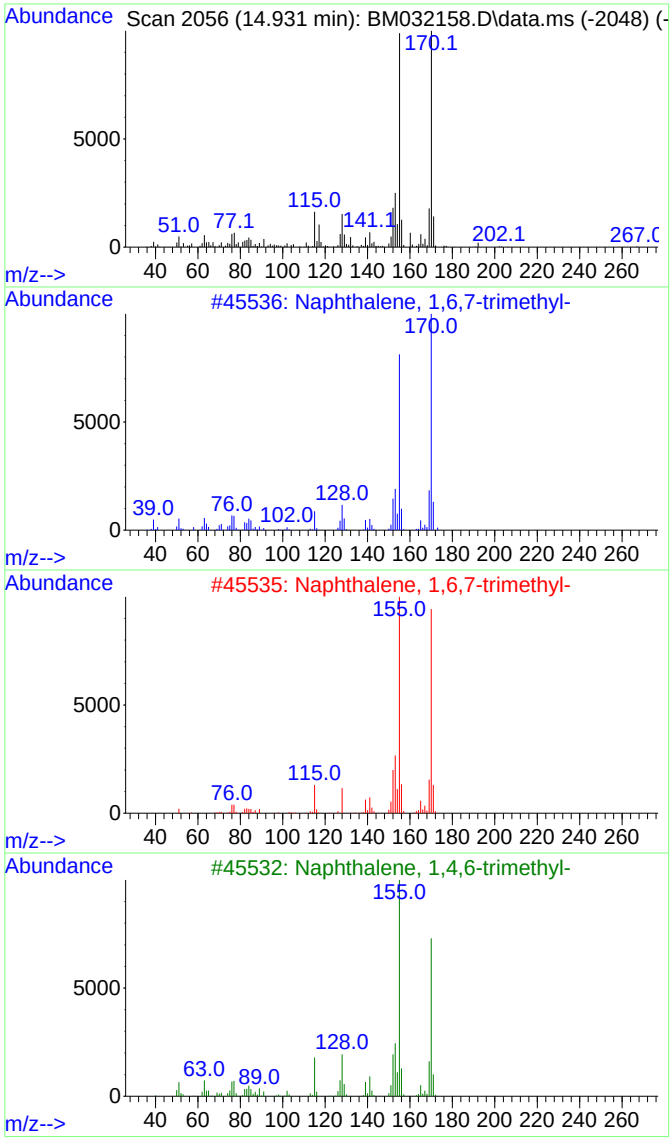
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

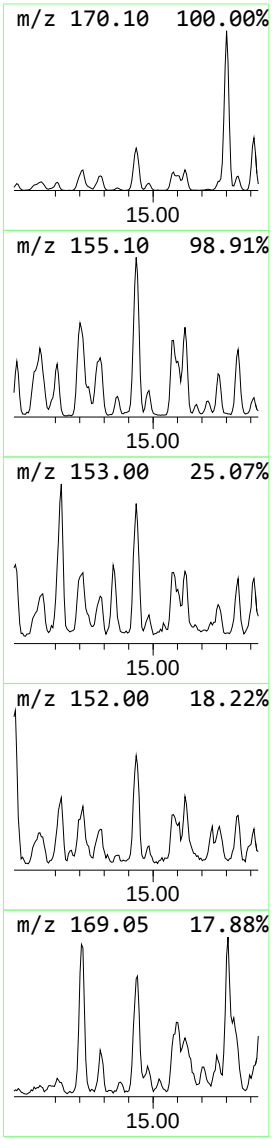
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 Naphthalene, 1,6,7-trimethyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.931 | 2.58 ng/ul | 619724 | Acenaphthene-d10 | 14.313 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 97 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |
| 4 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 95 |
| 5 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

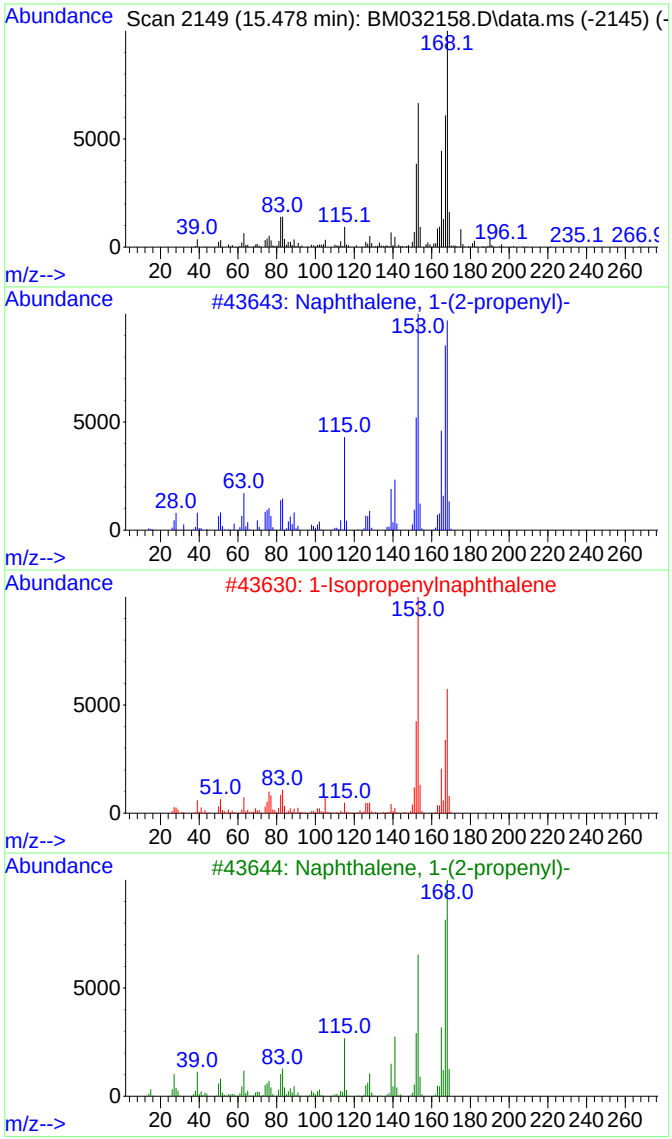
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

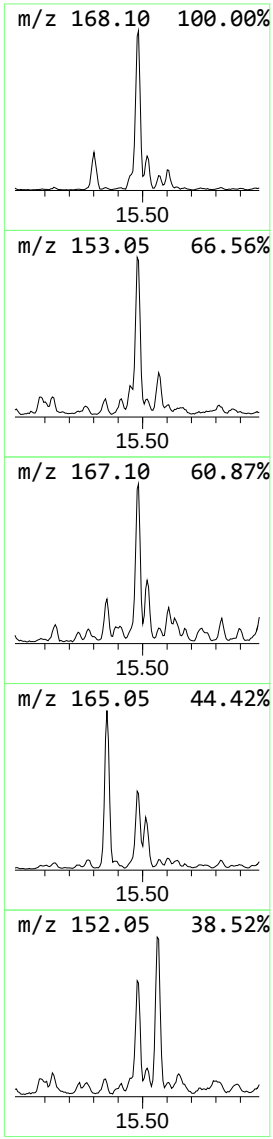
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 Naphthalene, 1-(2-propenyl)- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.478 | 2.64 ng/ul | 632904 | Acenaphthene-d10 | 14.313 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-(2-propenyl)- | 168 | C13H12 | 002489-86-3 | 87 |
| 2 | 1-Isopropenylnaphthalene | 168 | C13H12 | 001855-47-6 | 81 |
| 3 | Naphthalene, 1-(2-propenyl)- | 168 | C13H12 | 002489-86-3 | 70 |
| 4 | 1,1'-Biphenyl, 2-methyl- | 168 | C13H12 | 000643-58-3 | 64 |
| 5 | 1,1'-Biphenyl, 3-methyl- | 168 | C13H12 | 000643-93-6 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

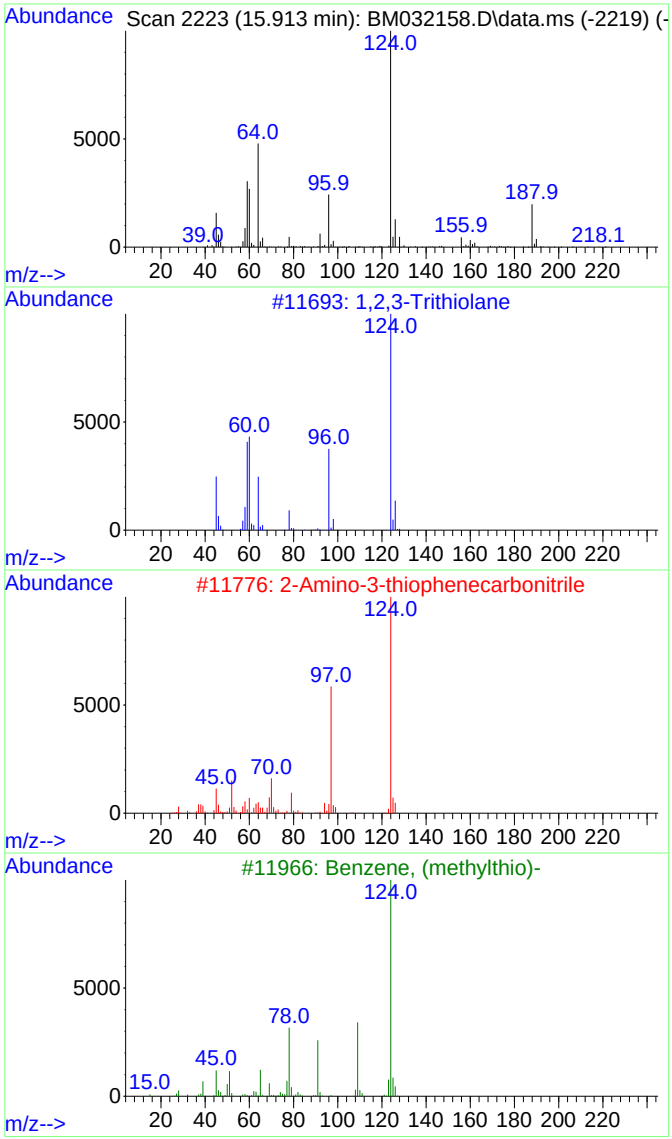
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

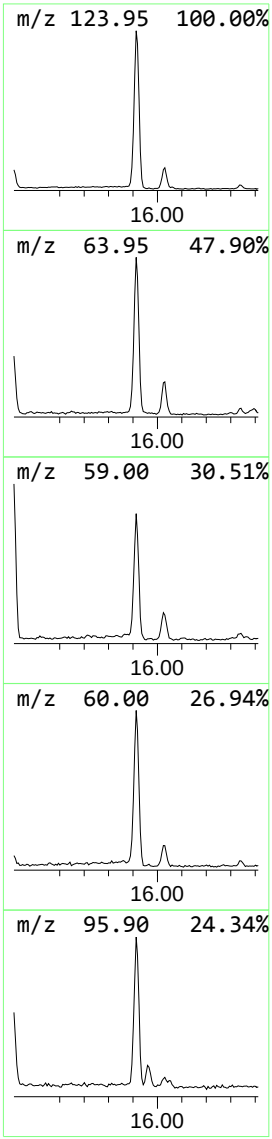
**********

Peak Number 27 unknown-02 Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.913 | 2.63 ng/ul | 650209 | Phenanthrene-d10 | 17.036 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2,3-Trithiolane | 124 | C2H4S3 | 006669-39-2 | 22 |
| 2 | 2-Amino-3-thiophenecarbonitrile | 124 | C5H4N2S | 004651-82-5 | 9 |
| 3 | Benzene, (methylthio)- | 124 | C7H8S | 000100-68-5 | 9 |
| 4 | 4-Methylcatechol, diacetate | 208 | C11H12O4 | 1010364-90-8 | 9 |
| 5 | 2-Pyridinecarboxylic acid, 5-nitro- | 168 | C6H4N2O4 | 030651-24-2 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

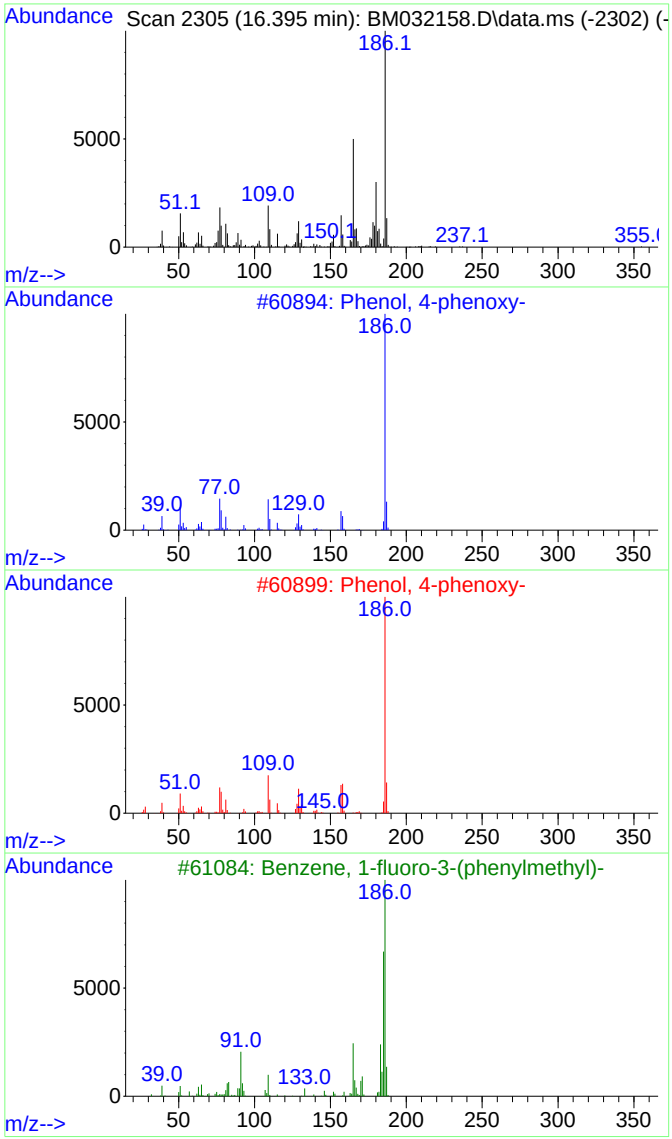
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

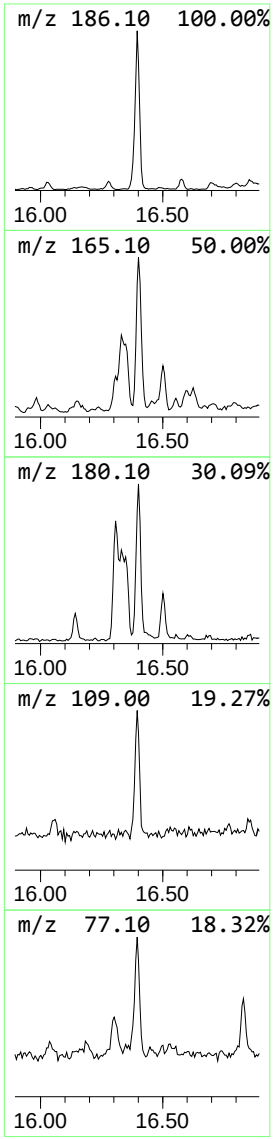
**********

Peak Number 28 Phenol, 4-phenoxy- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.395 | 2.32 ng/ul | 574333 | Phenanthrene-d10 | 17.036 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4-phenoxy- | 186 | C12H10O2 | 000831-82-3 | 90 |
| 2 | Phenol, 4-phenoxy- | 186 | C12H10O2 | 000831-82-3 | 78 |
| 3 | Benzene, 1-fluoro-3-(phenylmethyl)- | 186 | C13H11F | 001496-00-0 | 53 |
| 4 | Benzene, 1-fluoro-3-(phenylmethyl)- | 186 | C13H11F | 001496-00-0 | 50 |
| 5 | 4-Fluorodiphenylmethane | 186 | C13H11F | 000587-79-1 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

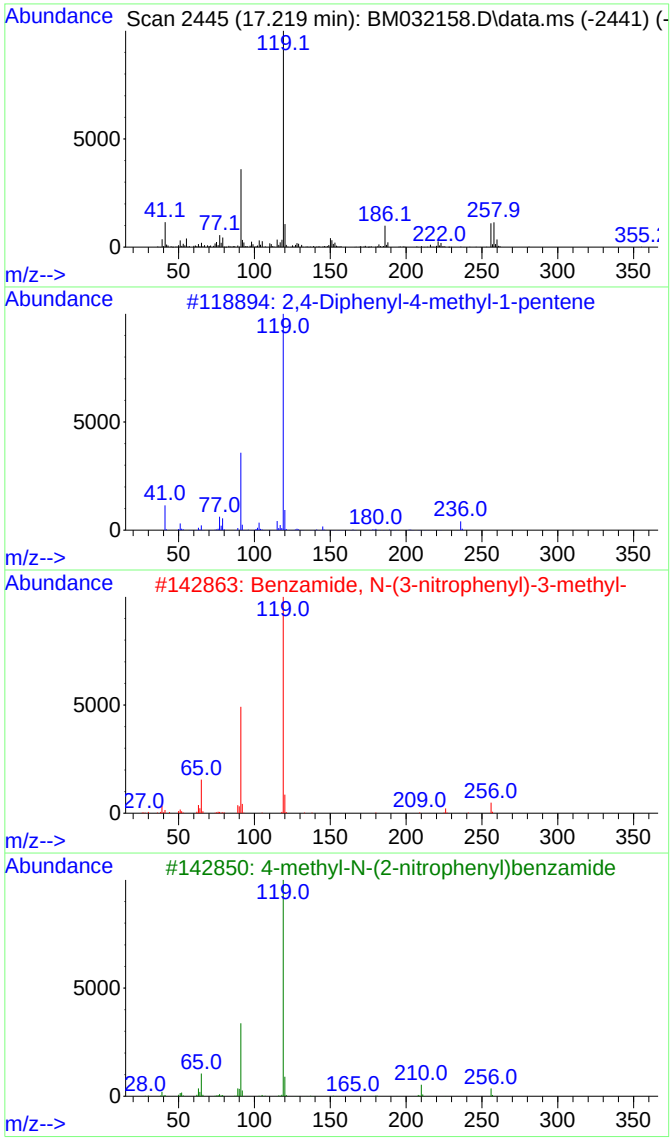
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

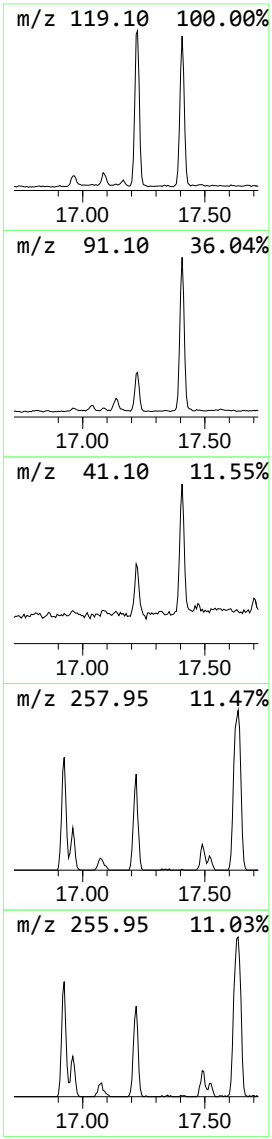
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 2,4-Diphenyl-4-methyl-1-pen... Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.219 | 2.74 ng/ul | 678579 | Phenanthrene-d10 | 17.036 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4-Diphenyl-4-methyl-1-pentene | 236 | C18H20 | 1000111-58-0 | 58 |
| 2 | Benzamide, N-(3-nitrophenyl)-3-m... | 256 | C14H12N2O3 | 1010307-11-8 | 53 |
| 3 | 4-methyl-N-(2-nitrophenyl)benzamide | 256 | C14H12N2O3 | 056564-44-4 | 53 |
| 4 | Benzene, 1-(1,5-dimethylhexyl)-4... | 204 | C15H24 | 001461-02-5 | 50 |
| 5 | Benzene, (1,1-dimethyldecyl)- | 246 | C18H30 | 027854-40-6 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

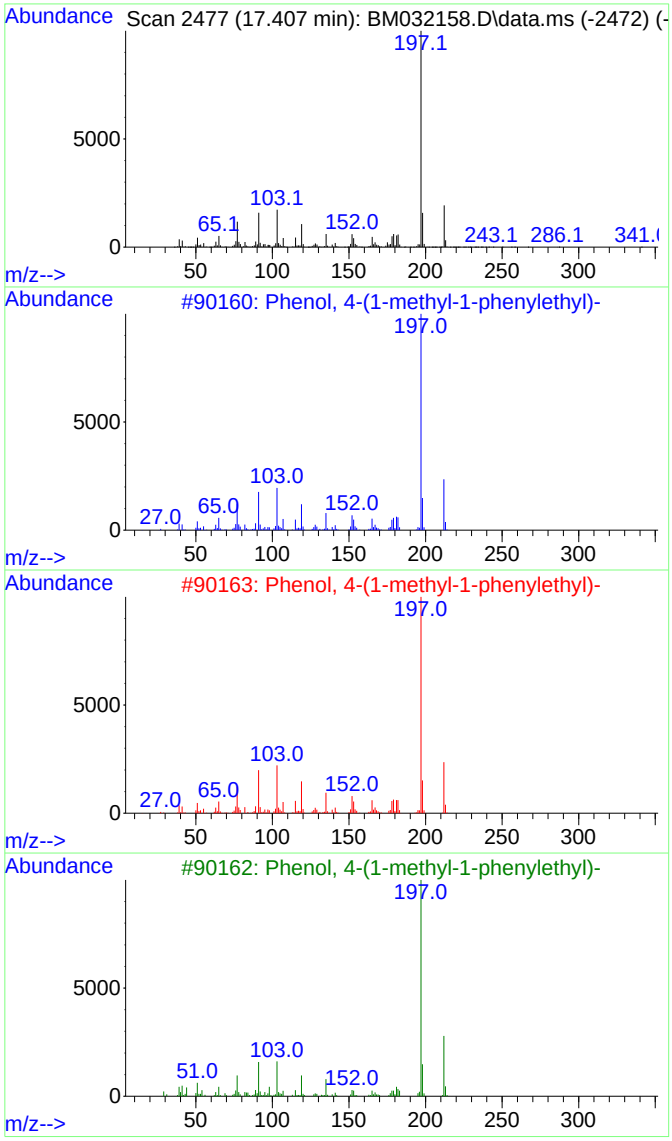
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

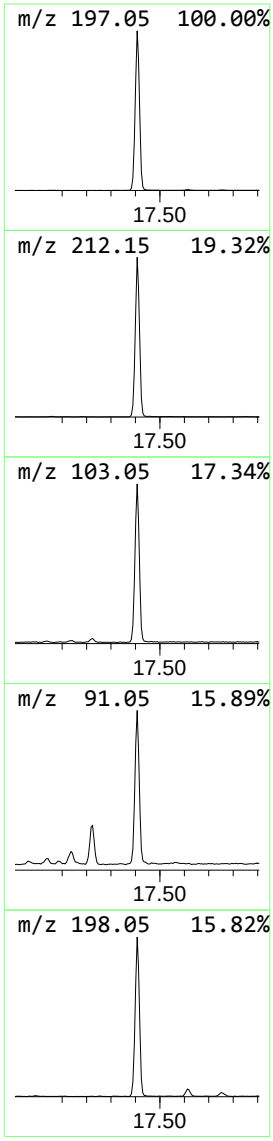
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 Phenol, 4-(1-methyl-1-pheny... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.407 | 22.27 ng/ul | 5513260 | Phenanthrene-d10 | 17.036 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4-(1-methyl-1-phenylethyl)- | 212 | C15H16O | 000599-64-4 | 99 |
| 2 | Phenol, 4-(1-methyl-1-phenylethyl)- | 212 | C15H16O | 000599-64-4 | 98 |
| 3 | Phenol, 4-(1-methyl-1-phenylethyl)- | 212 | C15H16O | 000599-64-4 | 87 |
| 4 | Dimethyl diphenylsilane | 212 | C14H16Si | 000778-24-5 | 68 |
| 5 | 2,3-Dimethyl-4-biphenylamine | 197 | C14H15N | 022750-87-4 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

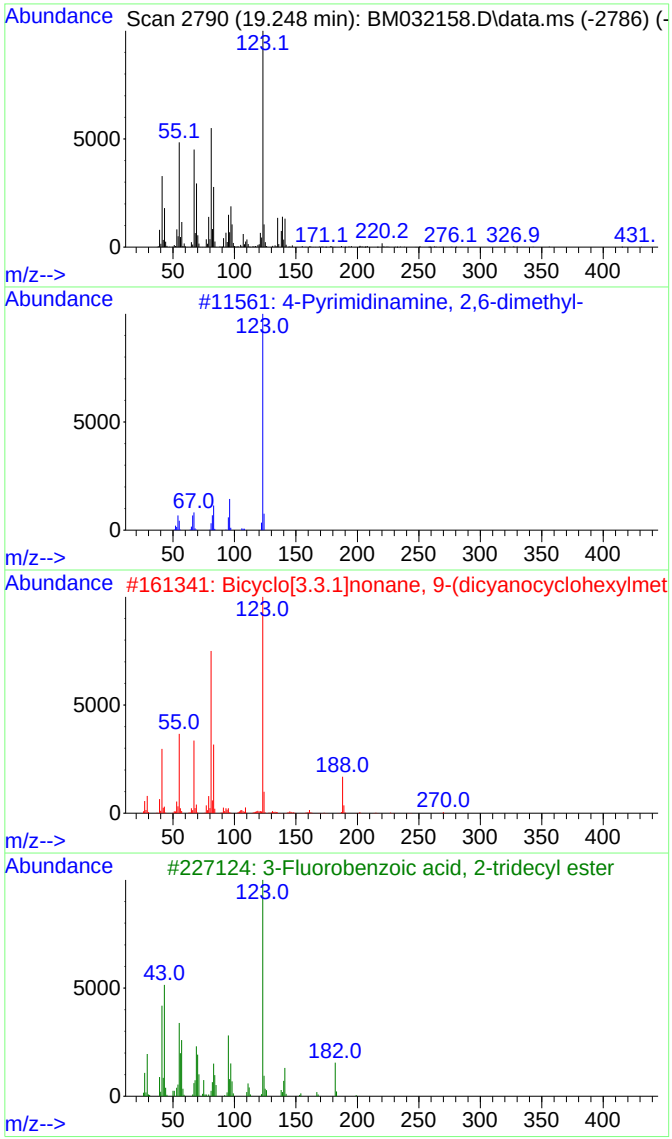
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.M
Quant Title : SVOA CALIBRATION

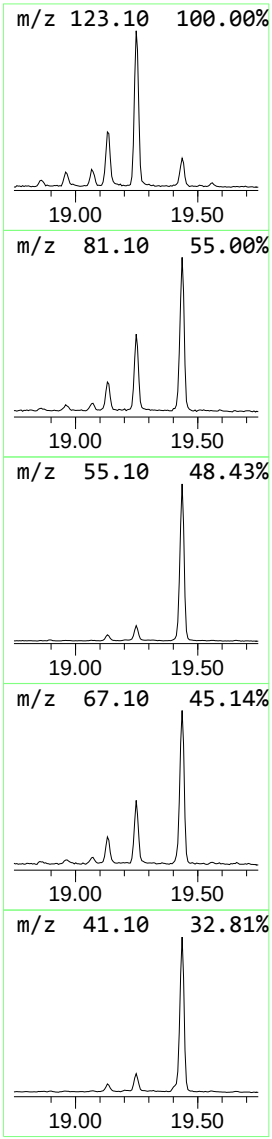
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 4-Pyrimidinamine, 2,6-dimet... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.248 | 3.71 ng/ul | 913692 | Chrysene-d12 | 21.195 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Pyrimidinamine, 2,6-dimethyl- | 123 | C6H9N3 | 000461-98-3 | 50 |
| 2 | Bicyclo[3.3.1]nonane, 9-(dicyano... | 270 | C18H26N2 | 1000149-29-7 | 47 |
| 3 | 3-Fluorobenzoic acid, 2-tridecyl... | 322 | C20H31FO2 | 1000280-60-2 | 47 |
| 4 | 3,4,4-Trimethyl-3-(3-oxo-but-1-e... | 220 | C14H20O2 | 1000190-30-8 | 41 |
| 5 | Phorone | 138 | C9H14O | 000504-20-1 | 38 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092521\
Data File : BM032158.D
Acq On : 25 Sep 2021 17:34
Operator : CG/JU
Sample : M3919-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** GB6Z3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM092421.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 |
| Toluene | 3.778 | 6.7 | ng/ul | 15619600 | 1 | 7.672 | 46906100 | 20.0 |
| Benzene, chloro- | 4.955 | 19.8 | ng/ul | 46339600 | 1 | 7.672 | 46906100 | 20.0 |
| Benzene, 1,3-di... | 8.037 | 15.2 | ng/ul | 35596200 | 1 | 7.672 | 46906100 | 20.0 |
| Benzene, 2-ethy... | 9.119 | 3.0 | ng/ul | 531121 | 2 | 10.460 | 3547420 | 20.0 |
| Benzene, 1,2,4,... | 9.366 | 3.6 | ng/ul | 647790 | 2 | 10.460 | 3547420 | 20.0 |
| Cyclohexanemeth... | 9.831 | 28.7 | ng/ul | 5088770 | 2 | 10.460 | 3547420 | 20.0 |
| p-Cymene | 9.878 | 6.7 | ng/ul | 1186670 | 2 | 10.460 | 3547420 | 20.0 |
| Phenol, 3,5-dim... | 9.954 | 40.5 | ng/ul | 7174930 | 2 | 10.460 | 3547420 | 20.0 |
| Phenol, 2,5-dic... | 10.160 | 2.3 | ng/ul | 415830 | 2 | 10.460 | 3547420 | 20.0 |
| Ethanol, 2-(2-b... | 10.237 | 4.4 | ng/ul | 778360 | 2 | 10.460 | 3547420 | 20.0 |
| Benzene, 1,3,5-... | 10.331 | 16.4 | ng/ul | 2904070 | 2 | 10.460 | 3547420 | 20.0 |
| Benzenemethanol... | 10.707 | 2.1 | ng/ul | 373091 | 2 | 10.460 | 3547420 | 20.0 |
| unknown-01 | 10.813 | 3.6 | ng/ul | 632712 | 2 | 10.460 | 3547420 | 20.0 |
| Naphthalene, 1,... | 10.931 | 2.4 | ng/ul | 416458 | 2 | 10.460 | 3547420 | 20.0 |
| Naphthalene, 1,... | 11.043 | 2.7 | ng/ul | 479956 | 2 | 10.460 | 3547420 | 20.0 |
| 1H-Indene, 2,3-... | 11.378 | 2.2 | ng/ul | 385085 | 2 | 10.460 | 3547420 | 20.0 |
| 1H-Indene, 2,3-... | 11.578 | 3.0 | ng/ul | 534655 | 2 | 10.460 | 3547420 | 20.0 |
| Phenol, p-tert-... | 11.807 | 9.3 | ng/ul | 1651420 | 2 | 10.460 | 3547420 | 20.0 |
| Naphthalene, 1,... | 12.019 | 2.8 | ng/ul | 502061 | 2 | 10.460 | 3547420 | 20.0 |
| Benzene, 1,1'-(... | 12.666 | 4.2 | ng/ul | 1006410 | 3 | 14.313 | 4799730 | 20.0 |
| [1,2,3,4]Tetrat... | 12.801 | 4.8 | ng/ul | 1162300 | 3 | 14.313 | 4799730 | 20.0 |
| Diphenyl ether | 13.360 | 8.5 | ng/ul | 2039630 | 3 | 14.313 | 4799730 | 20.0 |
| Naphthalene, 1,... | 13.637 | 6.3 | ng/ul | 1514230 | 3 | 14.313 | 4799730 | 20.0 |
| Naphthalene, 1,... | 14.931 | 2.6 | ng/ul | 619724 | 3 | 14.313 | 4799730 | 20.0 |
| Naphthalene, 1-... | 15.478 | 2.6 | ng/ul | 632904 | 3 | 14.313 | 4799730 | 20.0 |
| unknown-02 | 15.913 | 2.6 | ng/ul | 650209 | 4 | 17.036 | 4950670 | 20.0 |
| Phenol, 4-phenoxy- | 16.395 | 2.3 | ng/ul | 574333 | 4 | 17.036 | 4950670 | 20.0 |
| 2,4-Diphenyl-4-... | 17.219 | 2.7 | ng/ul | 678579 | 4 | 17.036 | 4950670 | 20.0 |
| Phenol, 4-(1-me... | 17.407 | 22.3 | ng/ul | 5513260 | 4 | 17.036 | 4950670 | 20.0 |
| 4-Pyrimidinamin... | 19.248 | 3.7 | ng/ul | 913692 | 5 | 21.195 | 4919850 | 20.0 |