LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBKC5

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_N\Methods\SFAM-EPA-BN081621MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN015916.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.334 | 38 | 42 | 50 | rVB | 65708 | 96199 | 0.63% | 0.067% |
| 2 | 3.746 | 109 | 112 | 127 | rBV | 330671 | 542549 | 3.58% | 0.380% |
| 3 | 7.063 | 670 | 676 | 687 | rVB | 149264 | 273060 | 1.80% | 0.191% |
| 4 | 7.228 | 697 | 704 | 718 | rBV | 800097 | 1330280 | 8.78% | 0.933% |
| 5 | 7.428 | 732 | 738 | 748 | rBV | 500268 | 872242 | 5.75% | 0.612% |
| 6 | 7.905 | 811 | 819 | 825 | rBV | 923514 | 1553683 | 10.25% | 1.089% |
| 7 | 8.281 | 875 | 883 | 889 | rBV2 | 35137 | 71172 | 0.47% | 0.050% |
| 8 | 8.440 | 904 | 910 | 917 | rBV | 61147 | 101641 | 0.67% | 0.071% |
| 9 | 8.610 | 932 | 939 | 947 | rBV | 505168 | 832035 | 5.49% | 0.583% |
| 10 | 9.063 | 1009 | 1016 | 1026 | rVB | 1058571 | 1775909 | 11.72% | 1.245% |
| 11 | 9.787 | 1132 | 1139 | 1147 | rBV | 468875 | 793011 | 5.23% | 0.556% |
| 12 | 10.116 | 1189 | 1195 | 1203 | rBV5 | 50119 | 110613 | 0.73% | 0.078% |
| 13 | 10.328 | 1224 | 1231 | 1239 | rBV | 773174 | 1364977 | 9.00% | 0.957% |
| 14 | 10.399 | 1239 | 1243 | 1251 | rVB5 | 45937 | 87696 | 0.58% | 0.061% |
| 15 | 10.575 | 1267 | 1273 | 1279 | rBV5 | 43554 | 102972 | 0.68% | 0.072% |
| 16 | 10.710 | 1288 | 1296 | 1300 | rBV | 1236163 | 2174505 | 14.34% | 1.525% |
| 17 | 10.763 | 1300 | 1305 | 1312 | rVB | 1821398 | 3138840 | 20.71% | 2.201% |
| 18 | 10.846 | 1312 | 1319 | 1324 | rBV | 1007048 | 1959591 | 12.93% | 1.374% |
| 19 | 11.822 | 1480 | 1485 | 1493 | rBV | 69257 | 122739 | 0.81% | 0.086% |
| 20 | 11.910 | 1493 | 1500 | 1503 | rBV5 | 34584 | 66602 | 0.44% | 0.047% |
| 21 | 12.240 | 1545 | 1556 | 1566 | rBV2 | 427846 | 992723 | 6.55% | 0.696% |
| 22 | 12.375 | 1572 | 1579 | 1584 | rVB | 202755 | 321281 | 2.12% | 0.225% |
| 23 | 12.487 | 1592 | 1598 | 1604 | rBV4 | 48637 | 99452 | 0.66% | 0.070% |
| 24 | 12.593 | 1605 | 1616 | 1623 | rVV | 1548679 | 2681766 | 17.69% | 1.880% |
| 25 | 12.887 | 1662 | 1666 | 1672 | rBV8 | 35551 | 75419 | 0.50% | 0.053% |
| 26 | 12.951 | 1672 | 1677 | 1684 | rVV5 | 66279 | 158167 | 1.04% | 0.111% |
| 27 | 13.051 | 1689 | 1694 | 1702 | rVV4 | 149704 | 303824 | 2.00% | 0.213% |
| 28 | 13.128 | 1703 | 1707 | 1717 | rVB8 | 45382 | 82549 | 0.54% | 0.058% |
| 29 | 13.251 | 1722 | 1728 | 1740 | rBV | 645221 | 1059607 | 6.99% | 0.743% |
| 30 | 13.387 | 1740 | 1751 | 1758 | rBV | 886560 | 1477752 | 9.75% | 1.036% |
| 31 | 13.569 | 1771 | 1782 | 1786 | rBV4 | 282645 | 775881 | 5.12% | 0.544% |
| 32 | 13.728 | 1795 | 1809 | 1817 | rBV2 | 416497 | 1193222 | 7.87% | 0.837% |
| 33 | 13.793 | 1817 | 1820 | 1824 | rVV2 | 54575 | 69359 | 0.46% | 0.049% |
| 34 | 13.869 | 1826 | 1833 | 1838 | rVV | 703700 | 1353480 | 8.93% | 0.949% |
| 35 | 13.928 | 1838 | 1843 | 1844 | rVV | 396407 | 623678 | 4.11% | 0.437% |
| 36 | 13.957 | 1844 | 1848 | 1859 | rVB | 2766841 | 4070232 | 26.85% | 2.854% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBKC5

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_N\Methods\SFAM-EPA-BN081621MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.104 | 1868 | 1873 | 1877 | rBV | 350156 | 590050 | 3.89% | 0.414% |
| 38 | 14.140 | 1877 | 1879 | 1885 | rVB3 | 156682 | 203940 | 1.35% | 0.143% |
| 39 | 14.240 | 1890 | 1896 | 1907 | rVB | 2663584 | 4924102 | 32.48% | 3.452% |
| 40 | 14.357 | 1912 | 1916 | 1919 | rVV5 | 63369 | 100932 | 0.67% | 0.071% |
| 41 | 14.398 | 1919 | 1923 | 1929 | rVB | 138006 | 199336 | 1.31% | 0.140% |
| 42 | 14.551 | 1938 | 1949 | 1954 | rBV | 1766589 | 3094279 | 20.41% | 2.169% |
| 43 | 14.616 | 1954 | 1960 | 1966 | rVV | 3980481 | 6209690 | 40.96% | 4.354% |
| 44 | 14.675 | 1966 | 1970 | 1976 | rVV | 345065 | 566600 | 3.74% | 0.397% |
| 45 | 14.745 | 1976 | 1982 | 1992 | rVV5 | 223127 | 599066 | 3.95% | 0.420% |
| 46 | 14.857 | 1992 | 2001 | 2006 | rVV2 | 979496 | 1771032 | 11.68% | 1.242% |
| 47 | 14.945 | 2006 | 2016 | 2023 | rVV | 3051494 | 5390333 | 35.56% | 3.779% |
| 48 | 15.022 | 2023 | 2029 | 2033 | rVV4 | 220927 | 452651 | 2.99% | 0.317% |
| 49 | 15.092 | 2036 | 2041 | 2045 | rVV2 | 557184 | 853207 | 5.63% | 0.598% |
| 50 | 15.134 | 2045 | 2048 | 2050 | rVV3 | 190278 | 274863 | 1.81% | 0.193% |
| 51 | 15.175 | 2050 | 2055 | 2060 | rVV2 | 1143516 | 1808754 | 11.93% | 1.268% |
| 52 | 15.222 | 2060 | 2063 | 2067 | rVB | 105704 | 128830 | 0.85% | 0.090% |
| 53 | 15.334 | 2076 | 2082 | 2086 | rBV4 | 115890 | 243754 | 1.61% | 0.171% |
| 54 | 15.369 | 2086 | 2088 | 2093 | rVB4 | 84465 | 118326 | 0.78% | 0.083% |
| 55 | 15.545 | 2111 | 2118 | 2122 | rBV | 3591676 | 5264677 | 34.73% | 3.691% |
| 56 | 15.598 | 2122 | 2127 | 2132 | rVV | 3254328 | 4809182 | 31.72% | 3.372% |
| 57 | 15.675 | 2132 | 2140 | 2145 | rVV3 | 1525970 | 2937975 | 19.38% | 2.060% |
| 58 | 15.722 | 2145 | 2148 | 2151 | rVV2 | 265106 | 388473 | 2.56% | 0.272% |
| 59 | 15.757 | 2151 | 2154 | 2160 | rVV3 | 227488 | 408545 | 2.70% | 0.286% |
| 60 | 15.810 | 2160 | 2163 | 2166 | rVV2 | 111216 | 158528 | 1.05% | 0.111% |
| 61 | 15.845 | 2166 | 2169 | 2173 | rVV | 115712 | 174321 | 1.15% | 0.122% |
| 62 | 15.892 | 2173 | 2177 | 2184 | rVB2 | 180454 | 296832 | 1.96% | 0.208% |
| 63 | 15.998 | 2192 | 2195 | 2196 | rBV2 | 58285 | 67699 | 0.45% | 0.047% |
| 64 | 16.034 | 2197 | 2201 | 2211 | rVB2 | 357905 | 731924 | 4.83% | 0.513% |
| 65 | 16.275 | 2236 | 2242 | 2254 | rVB | 632753 | 1027187 | 6.78% | 0.720% |
| 66 | 16.392 | 2259 | 2262 | 2265 | rBV | 75560 | 89122 | 0.59% | 0.062% |
| 67 | 16.604 | 2286 | 2298 | 2301 | rBV4 | 188246 | 544265 | 3.59% | 0.382% |
| 68 | 16.751 | 2321 | 2323 | 2328 | rVB3 | 83996 | 96557 | 0.64% | 0.068% |
| 69 | 16.951 | 2350 | 2357 | 2364 | rBV | 10613137 | 15159106 | 100.00% | 10.629% |
| 70 | 17.116 | 2380 | 2385 | 2392 | rVB | 458145 | 679654 | 4.48% | 0.477% |
| 71 | 17.257 | 2405 | 2409 | 2411 | rBV4 | 109459 | 151733 | 1.00% | 0.106% |
| 72 | 17.298 | 2411 | 2416 | 2419 | rBV | 2035639 | 2932663 | 19.35% | 2.056% |
| 73 | 17.339 | 2419 | 2423 | 2428 | rVB | 4008610 | 5774153 | 38.09% | 4.048% |
| 74 | 17.398 | 2428 | 2433 | 2438 | rBV | 3991786 | 5809803 | 38.33% | 4.073% |
| 75 | 17.498 | 2446 | 2450 | 2455 | rVB2 | 135469 | 195273 | 1.29% | 0.137% |
| 76 | 17.704 | 2478 | 2485 | 2490 | rBV | 4156352 | 5905768 | 38.96% | 4.141% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBKC5

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_N\Methods\SFAM-EPA-BN081621MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 17.757 | 2490 | 2494 | 2497 | rVB4 | 68243 | 96829 | 0.64% | 0.068% |
| 78 | 17.916 | 2518 | 2521 | 2526 | rVB5 | 83797 | 128477 | 0.85% | 0.090% |
| 79 | 18.004 | 2533 | 2536 | 2549 | rVB3 | 130354 | 230911 | 1.52% | 0.162% |
| 80 | 18.181 | 2562 | 2566 | 2569 | rBV | 114103 | 177449 | 1.17% | 0.124% |
| 81 | 18.222 | 2569 | 2573 | 2578 | rVB | 369655 | 543068 | 3.58% | 0.381% |
| 82 | 18.375 | 2592 | 2599 | 2603 | rBV4 | 366753 | 781013 | 5.15% | 0.548% |
| 83 | 18.451 | 2609 | 2612 | 2613 | rBV2 | 79270 | 84038 | 0.55% | 0.059% |
| 84 | 18.522 | 2621 | 2624 | 2627 | rVB | 159047 | 179186 | 1.18% | 0.126% |
| 85 | 18.569 | 2627 | 2632 | 2636 | rVV | 413638 | 578788 | 3.82% | 0.406% |
| 86 | 18.616 | 2637 | 2640 | 2646 | rVB3 | 148837 | 228137 | 1.50% | 0.160% |
| 87 | 18.675 | 2647 | 2650 | 2652 | rBV4 | 76383 | 90503 | 0.60% | 0.063% |
| 88 | 18.716 | 2653 | 2657 | 2663 | rVB | 551211 | 738124 | 4.87% | 0.518% |
| 89 | 19.322 | 2756 | 2760 | 2762 | rBV3 | 81439 | 126799 | 0.84% | 0.089% |
| 90 | 19.357 | 2762 | 2766 | 2771 | rVB | 861748 | 1128044 | 7.44% | 0.791% |
| 91 | 19.692 | 2817 | 2823 | 2837 | rBV | 5164234 | 8044607 | 53.07% | 5.640% |
| 92 | 19.851 | 2848 | 2850 | 2855 | rBV6 | 44049 | 65771 | 0.43% | 0.046% |
| 93 | 19.927 | 2861 | 2863 | 2868 | rVB4 | 122523 | 152079 | 1.00% | 0.107% |
| 94 | 20.098 | 2888 | 2892 | 2898 | rVB2 | 386826 | 523387 | 3.45% | 0.367% |
| 95 | 20.163 | 2899 | 2903 | 2905 | rBV2 | 76955 | 112563 | 0.74% | 0.079% |
| 96 | 20.692 | 2990 | 2993 | 2998 | rVB | 218626 | 266994 | 1.76% | 0.187% |
| 97 | 21.198 | 3075 | 3079 | 3085 | rBV6 | 164851 | 272033 | 1.79% | 0.191% |
| 98 | 21.480 | 3122 | 3127 | 3137 | rBV | 2697713 | 3581643 | 23.63% | 2.511% |
| 99 | 23.751 | 3505 | 3513 | 3520 | rBV | 3599842 | 7156766 | 47.21% | 5.018% |
| 100 | 23.910 | 3532 | 3540 | 3548 | rVB2 | 1641090 | 3497785 | 23.07% | 2.452% |

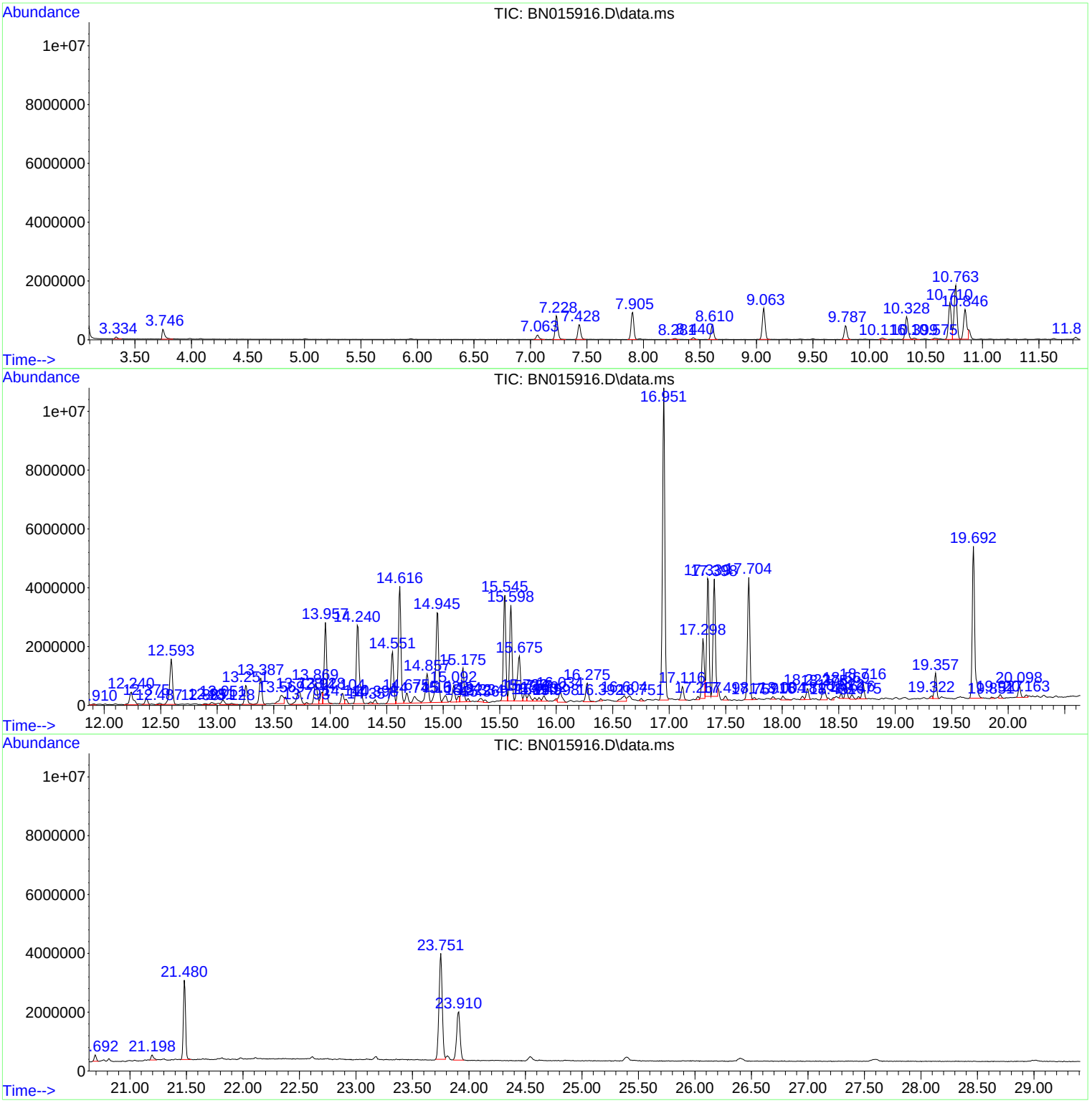
Sum of corrected areas: 142626887

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBKC5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBKC5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

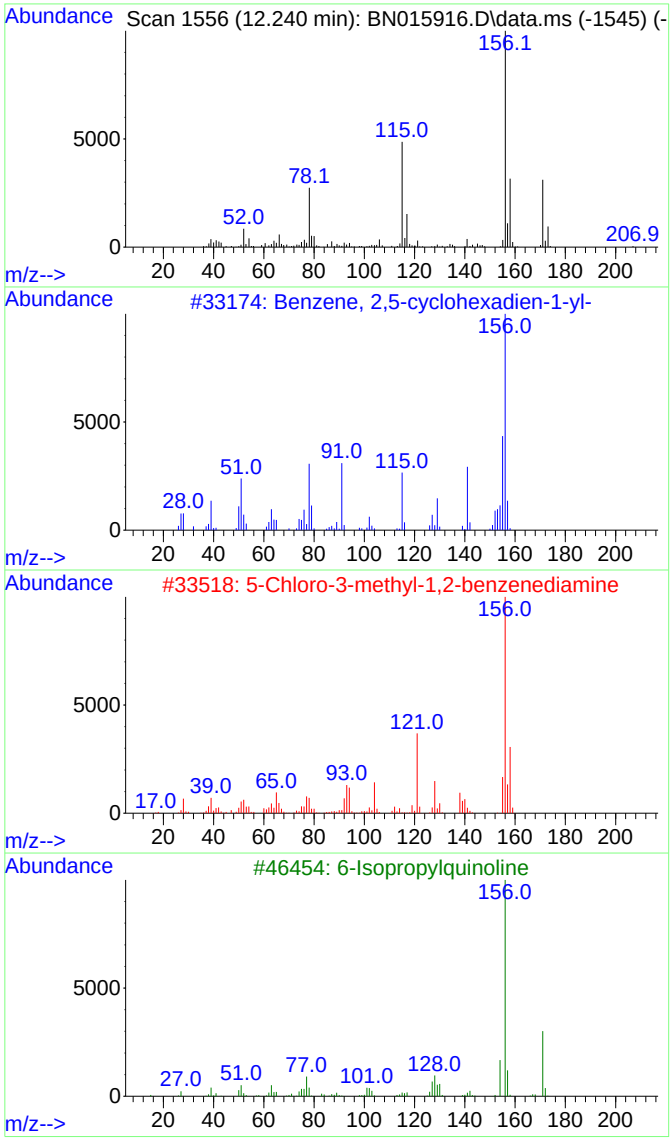
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

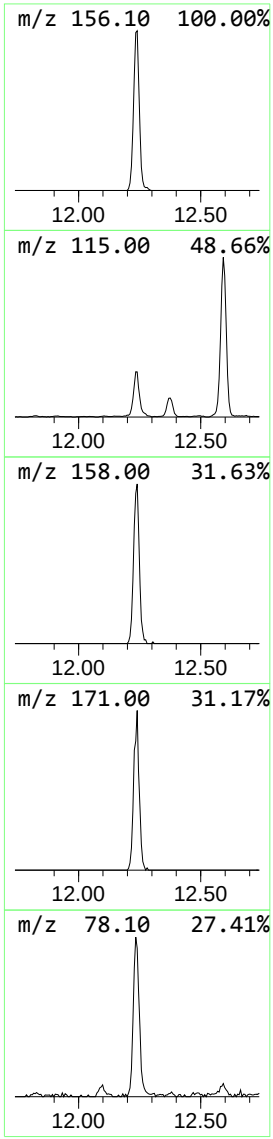
**********

Peak Number 1 unknown-01 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.240 | 9.13 ng/ul | 992723 | Naphthalene-d8 | 10.710 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 2,5-cyclohexadien-1-yl- | 156 | C12H12 | 004794-05-2 | 38 |
| 2 | 5-Chloro-3-methyl-1,2-benzenedia... | 156 | C7H9ClN2 | 109671-52-5 | 38 |
| 3 | 6-Isopropylquinoline | 171 | C12H13N | 000135-79-5 | 37 |
| 4 | 2-Chloro-4,6-dimethyl-3-pyridina... | 156 | C7H9ClN2 | 140413-40-7 | 32 |
| 5 | Benzene, 1-chloro-4-methoxy-2-me... | 156 | C8H9ClO | 013334-71-9 | 32 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBKC5

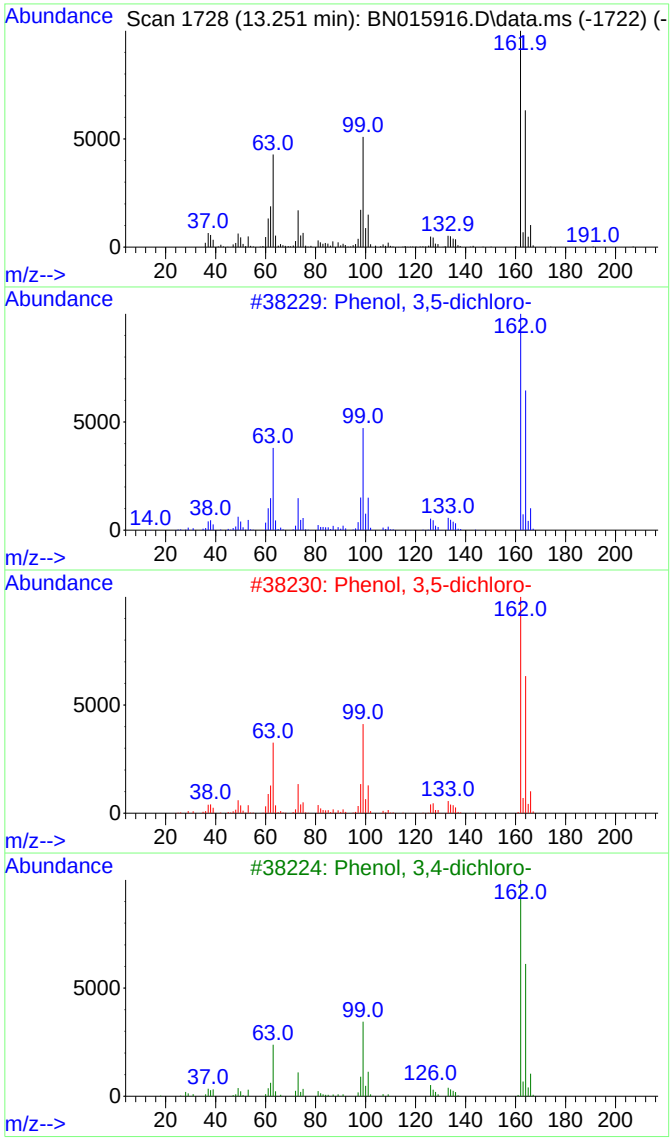
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

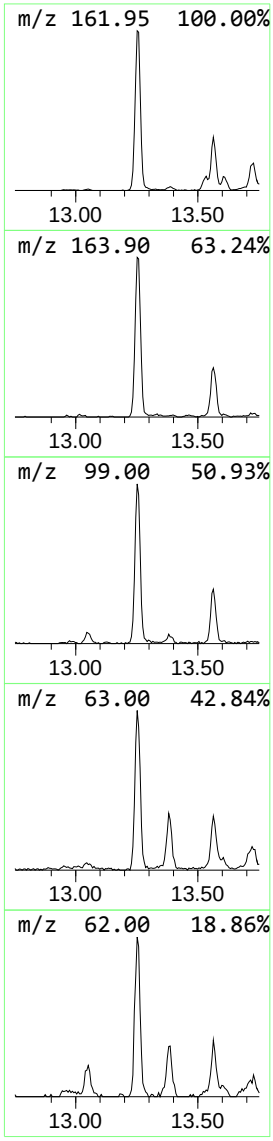
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Phenol, 3,5-dichloro- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.251 | 6.85 ng/ul | 1059610 | Acenaphthene-d10 | 14.551 |

| 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 | 98 |
| 3 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 97 |
| 4 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 97 |
| 5 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBKC5

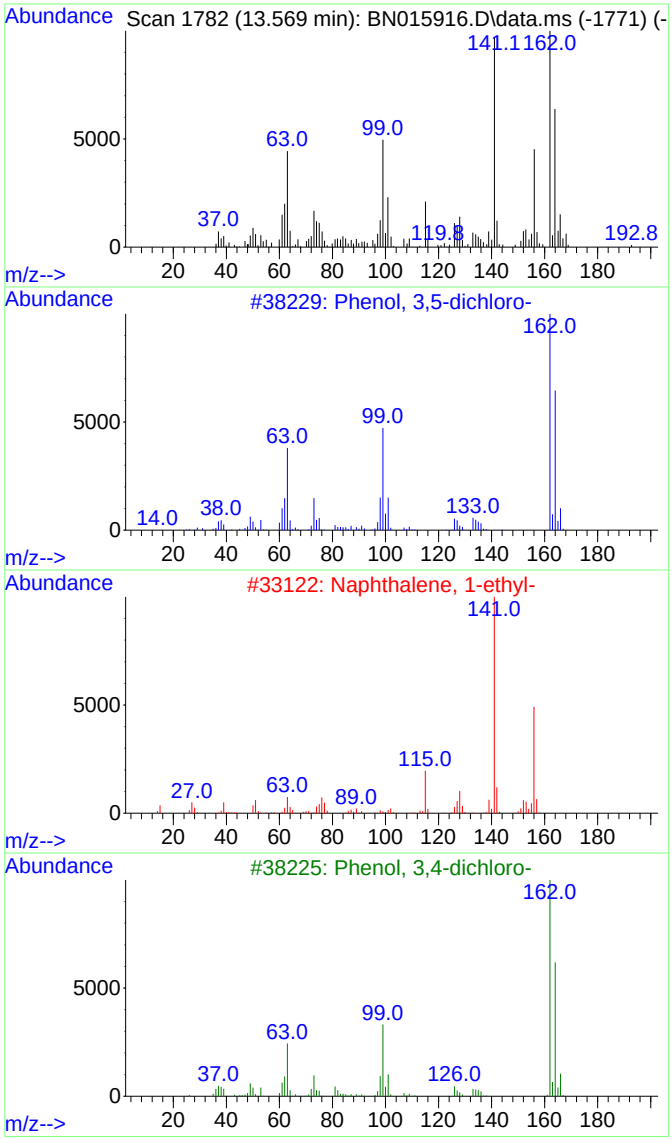
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

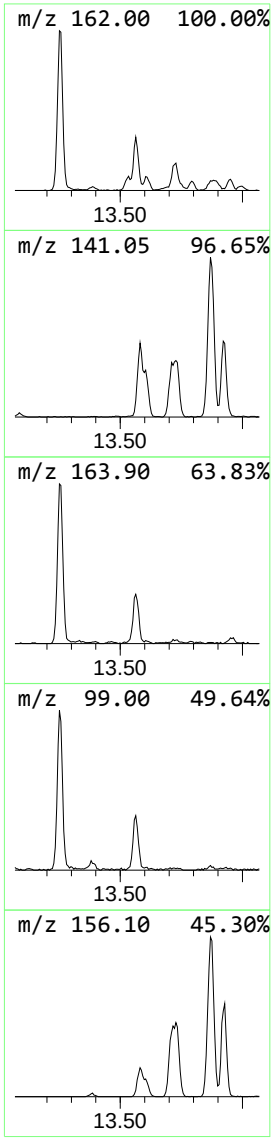
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.569 | 5.01 ng/ul | 775881 | Acenaphthene-d10 | 14.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 3,5-dichloro- | 162 | C6H4Cl2O | 000591-35-5 | 91 |
| 2 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 90 |
| 3 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 89 |
| 4 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 89 |
| 5 | Phenol, 3,4-dichloro- | 162 | C6H4Cl2O | 000095-77-2 | 89 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBKC5

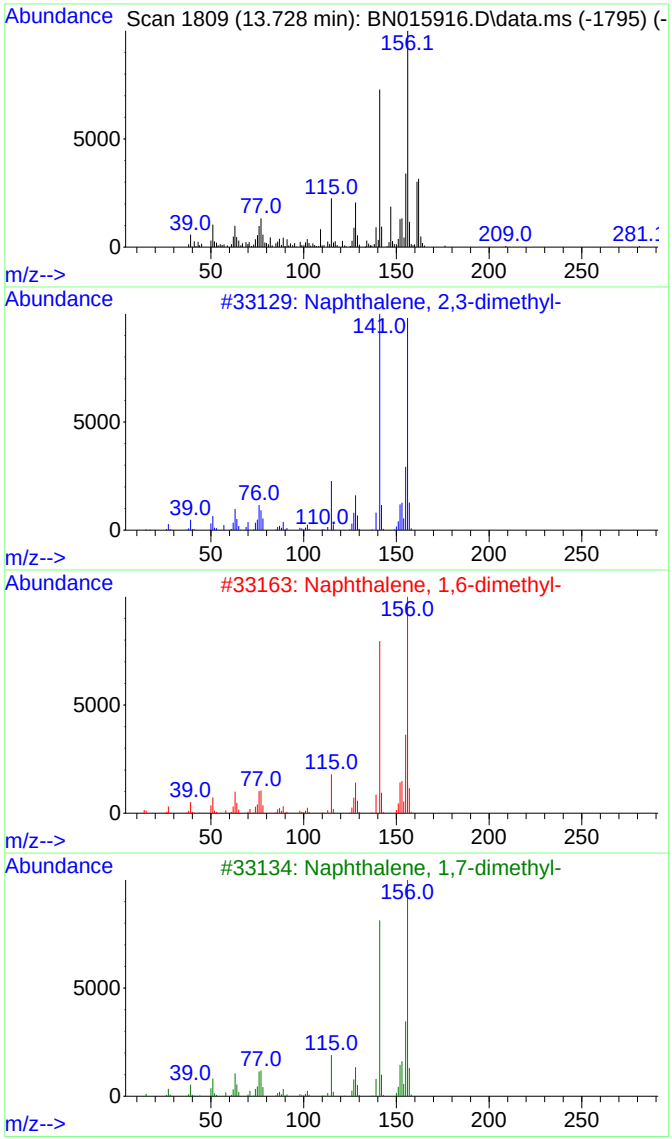
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

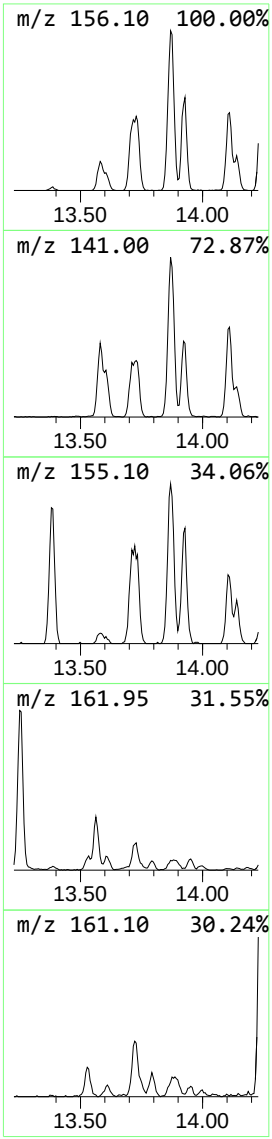
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.728 | 7.71 ng/ul | 1193220 | Acenaphthene-d10 | 14.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |
| 4 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBKC5

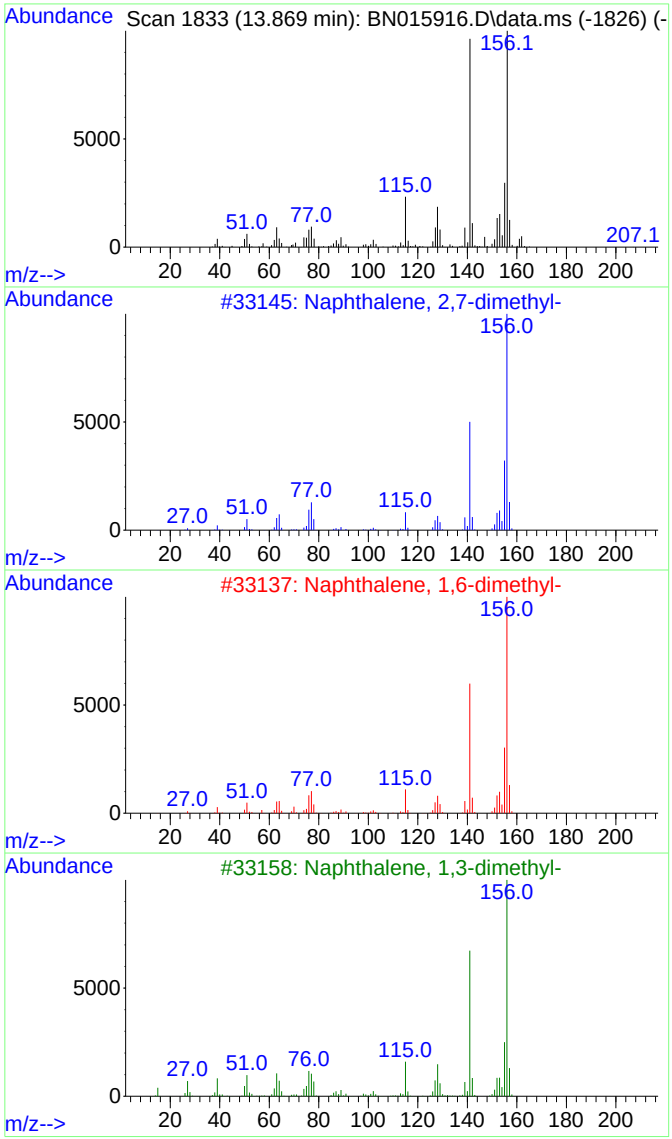
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

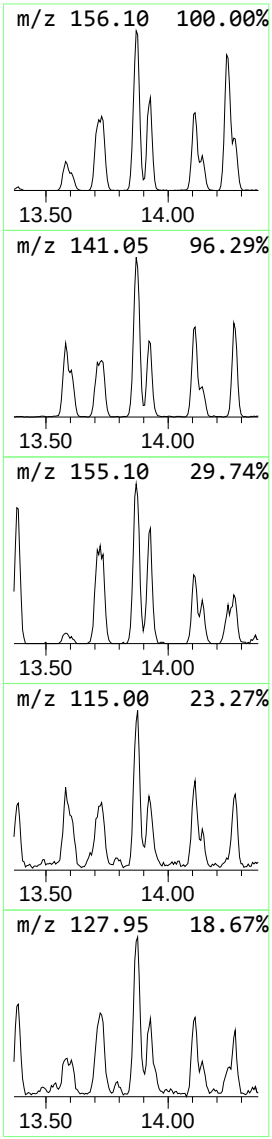
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.869 | 8.75 ng/ul | 1353480 | Acenaphthene-d10 | 14.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 2 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 97 |
| 3 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 97 |
| 4 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 96 |
| 5 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 96 |



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Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBKC5

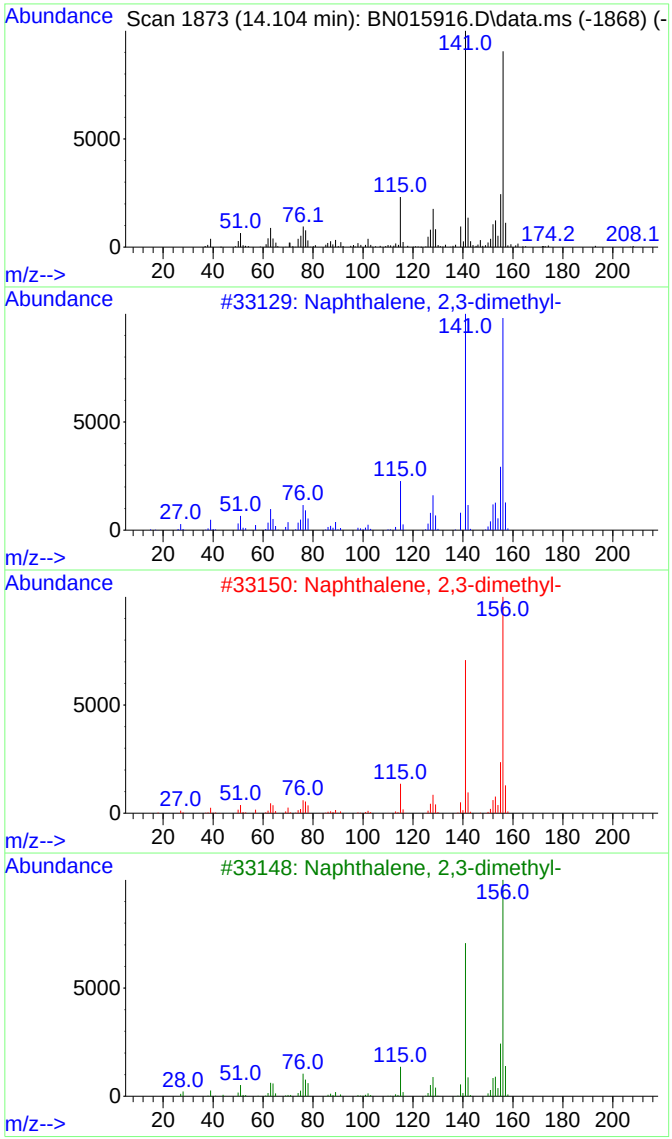
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

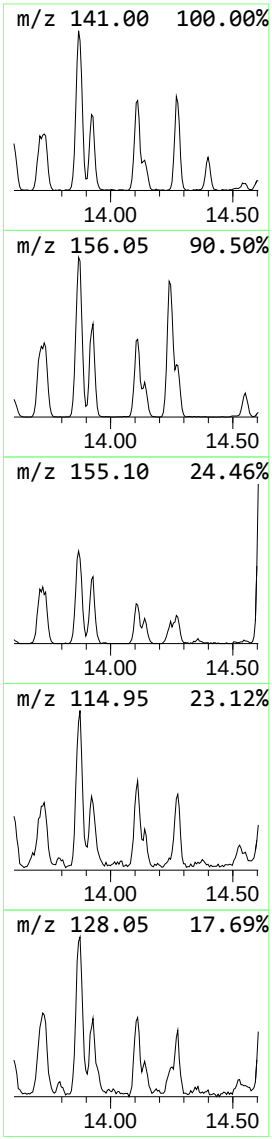
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Naphthalene, 1,4-dimethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.104 | 3.81 ng/ul | 590050 | Acenaphthene-d10 | 14.551 |

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



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Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBKC5

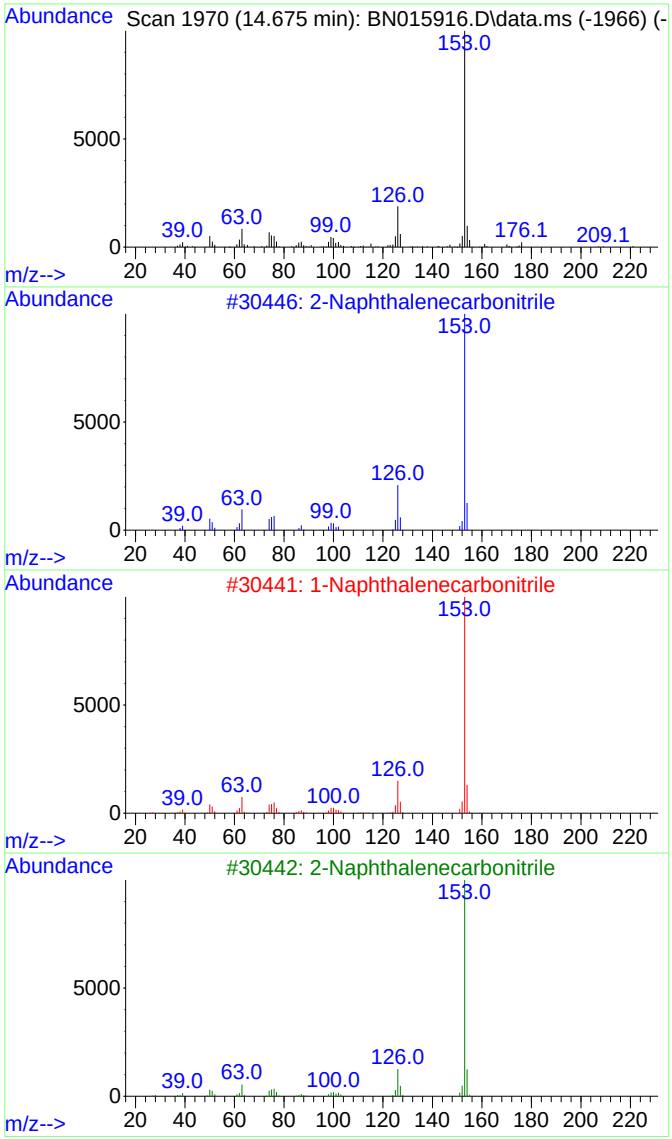
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

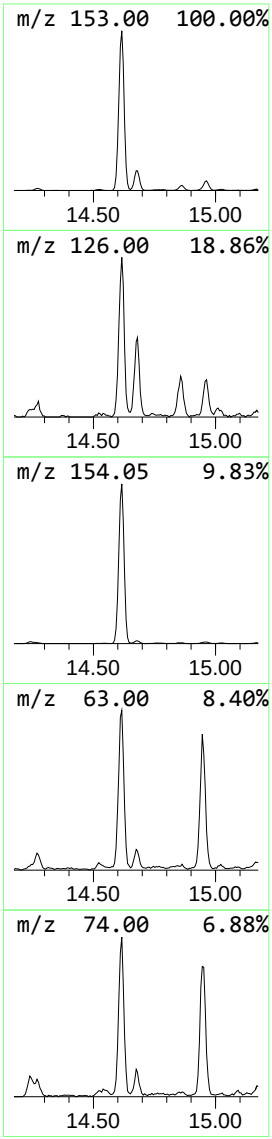
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 2-Naphthalenecarbonitrile Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.675 | 3.66 ng/ul | 566600 | Acenaphthene-d10 | 14.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Naphthalenecarbonitrile | 153 | C11H7N | 000613-46-7 | 97 |
| 2 | 1-Naphthalenecarbonitrile | 153 | C11H7N | 000086-53-3 | 94 |
| 3 | 2-Naphthalenecarbonitrile | 153 | C11H7N | 000613-46-7 | 91 |
| 4 | 1-Naphthalenecarbonitrile | 153 | C11H7N | 000086-53-3 | 90 |
| 5 | 1-Naphthalenecarbonitrile | 153 | C11H7N | 000086-53-3 | 72 |



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Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBKC5

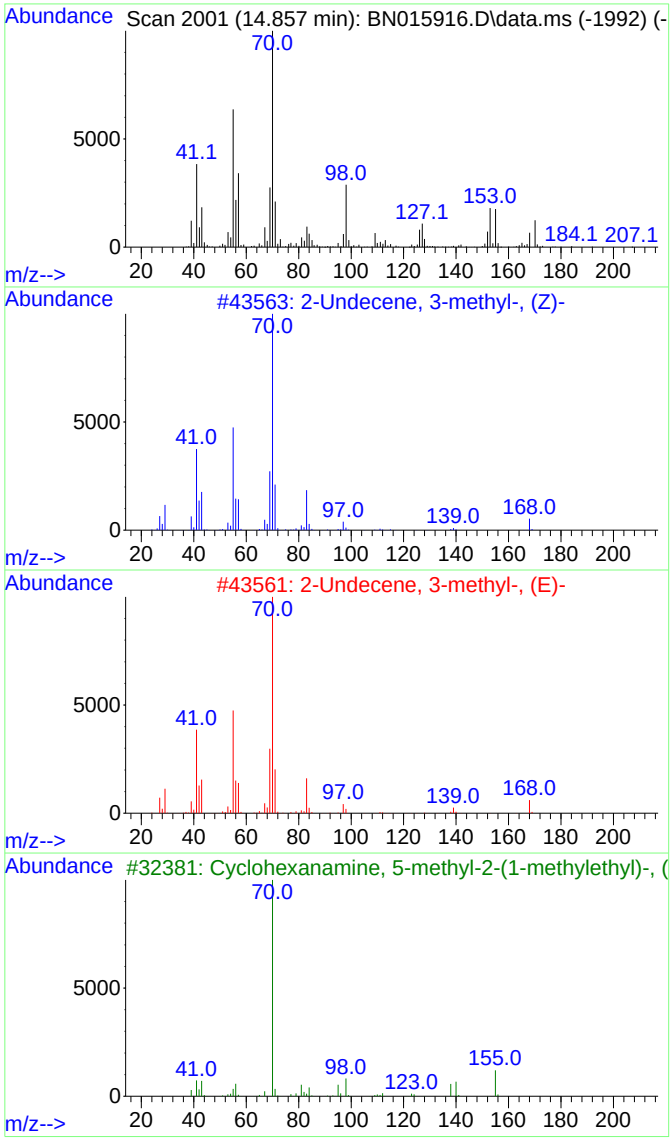
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

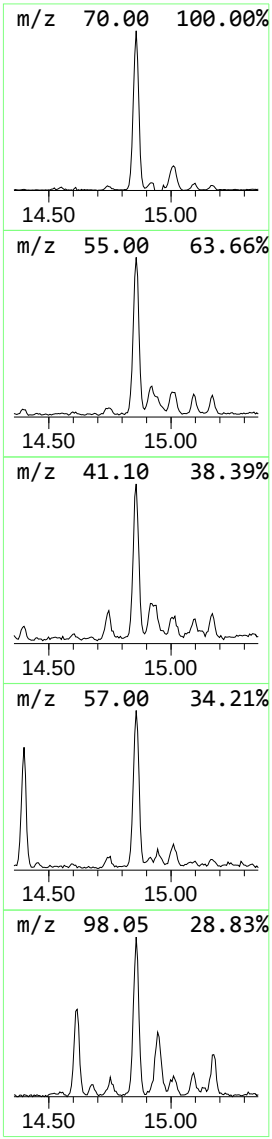
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.857 | 11.45 ng/ul | 1771030 | Acenaphthene-d10 | 14.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Undecene, 3-methyl-, (Z)- | 168 | C12H24 | 057024-90-5 | 58 |
| 2 | 2-Undecene, 3-methyl-, (E)- | 168 | C12H24 | 074630-47-0 | 47 |
| 3 | Cyclohexanamine, 5-methyl-2-(1-m... | 155 | C10H21N | 023399-21-5 | 43 |
| 4 | 1-Heptene, 5-methyl- | 112 | C8H16 | 013151-04-7 | 43 |
| 5 | Cyclopentane, 1,2,4-trimethyl-, ... | 112 | C8H16 | 016883-48-0 | 43 |



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Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBKC5

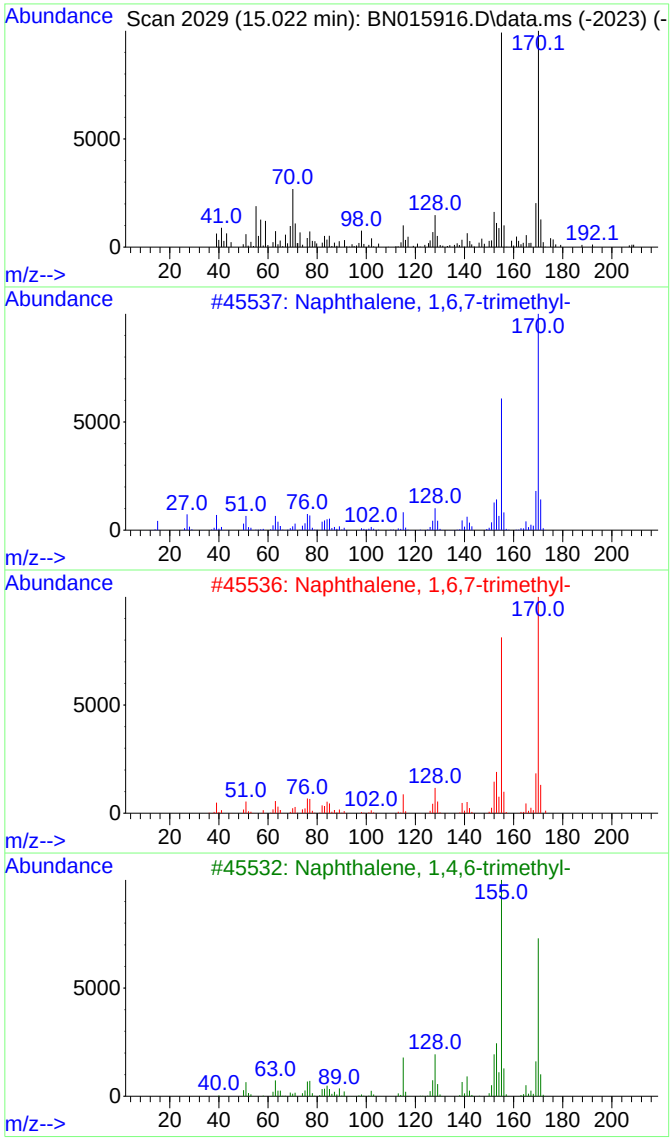
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

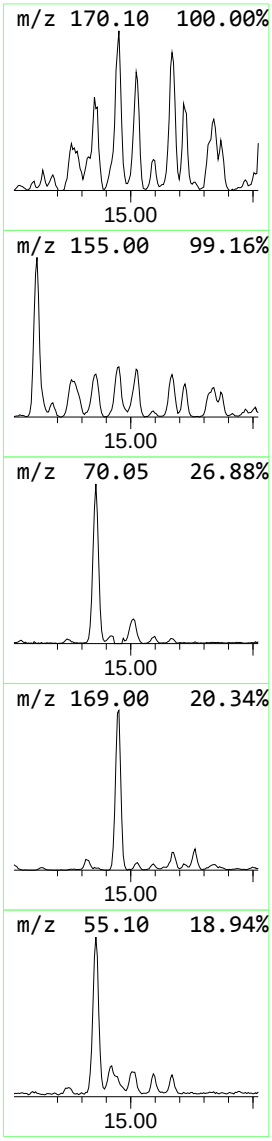
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.022 | 2.93 ng/ul | 452651 | Acenaphthene-d10 | 14.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 91 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 83 |
| 4 | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14 | 1000187-78-5 | 83 |
| 5 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 83 |



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Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBKC5

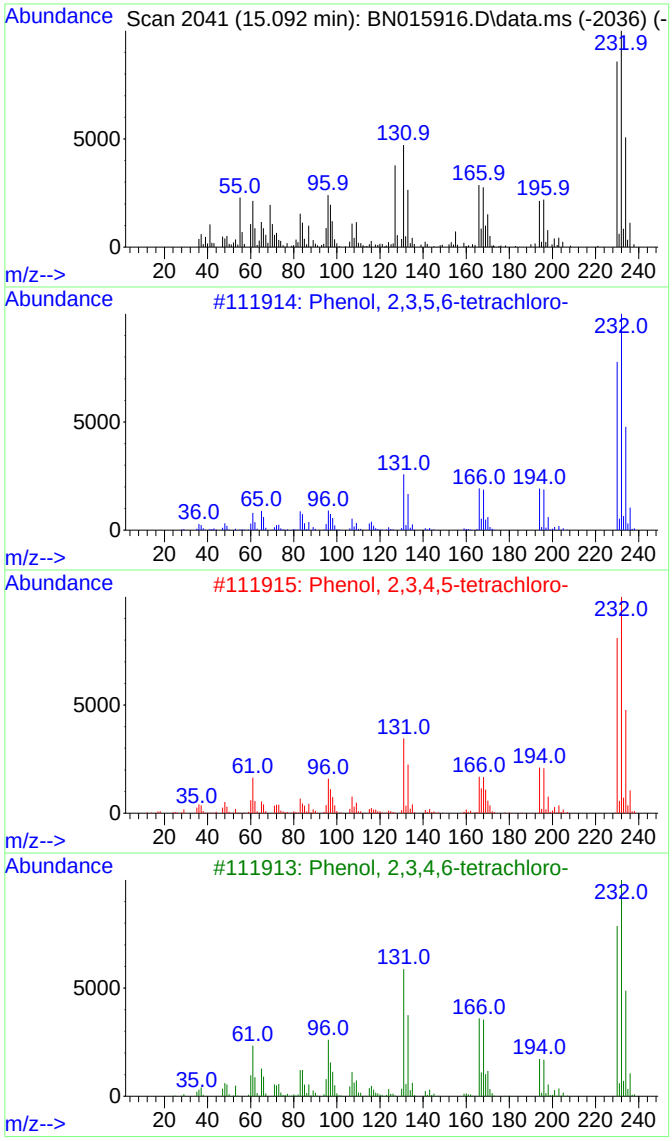
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

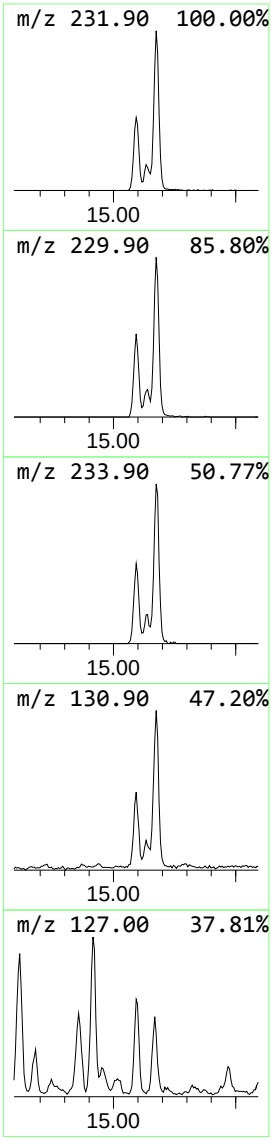
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.092 | 5.51 ng/ul | 853207 | Acenaphthene-d10 | 14.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,3,5,6-tetrachloro- | 230 | C6H2Cl4O | 000935-95-5 | 98 |
| 2 | Phenol, 2,3,4,5-tetrachloro- | 230 | C6H2Cl4O | 004901-51-3 | 97 |
| 3 | Phenol, 2,3,4,6-tetrachloro- | 230 | C6H2Cl4O | 000058-90-2 | 96 |
| 4 | Phenol, 2,3,4,6-tetrachloro- | 230 | C6H2Cl4O | 000058-90-2 | 96 |
| 5 | Phenol, 2,3,5,6-tetrachloro- | 230 | C6H2Cl4O | 000935-95-5 | 96 |



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Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBKC5

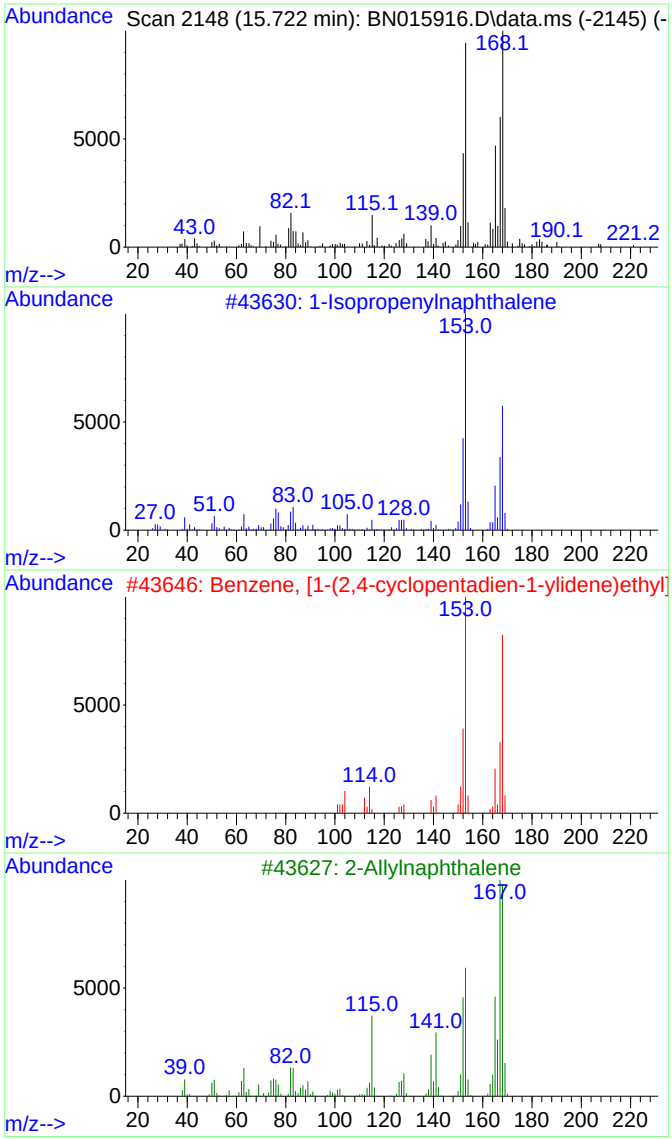
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

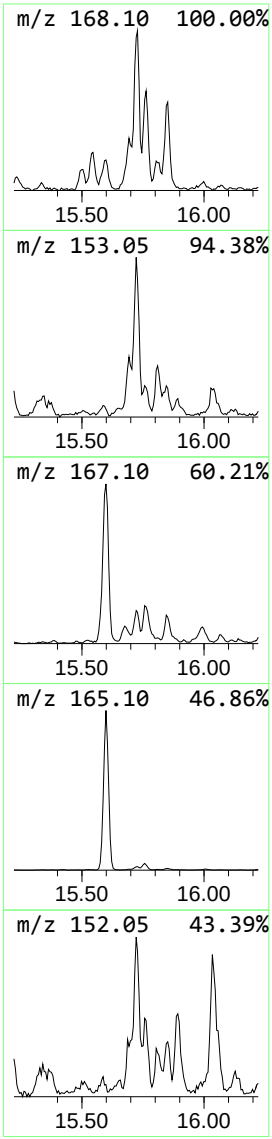
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 1-Isopropenylnaphthalene Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.722 | 2.51 ng/ul | 388473 | Acenaphthene-d10 | 14.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Isopropenylnaphthalene | 168 | C13H12 | 001855-47-6 | 93 |
| 2 | Benzene, [1-(2,4-cyclopentadien-... | 168 | C13H12 | 002320-32-3 | 59 |
| 3 | 2-Allylnaphthalene | 168 | C13H12 | 002489-87-4 | 47 |
| 4 | 1,1'-Biphenyl, 4-methyl- | 168 | C13H12 | 000644-08-6 | 46 |
| 5 | 1,1'-Biphenyl, 4-methyl- | 168 | C13H12 | 000644-08-6 | 46 |



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Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBKC5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

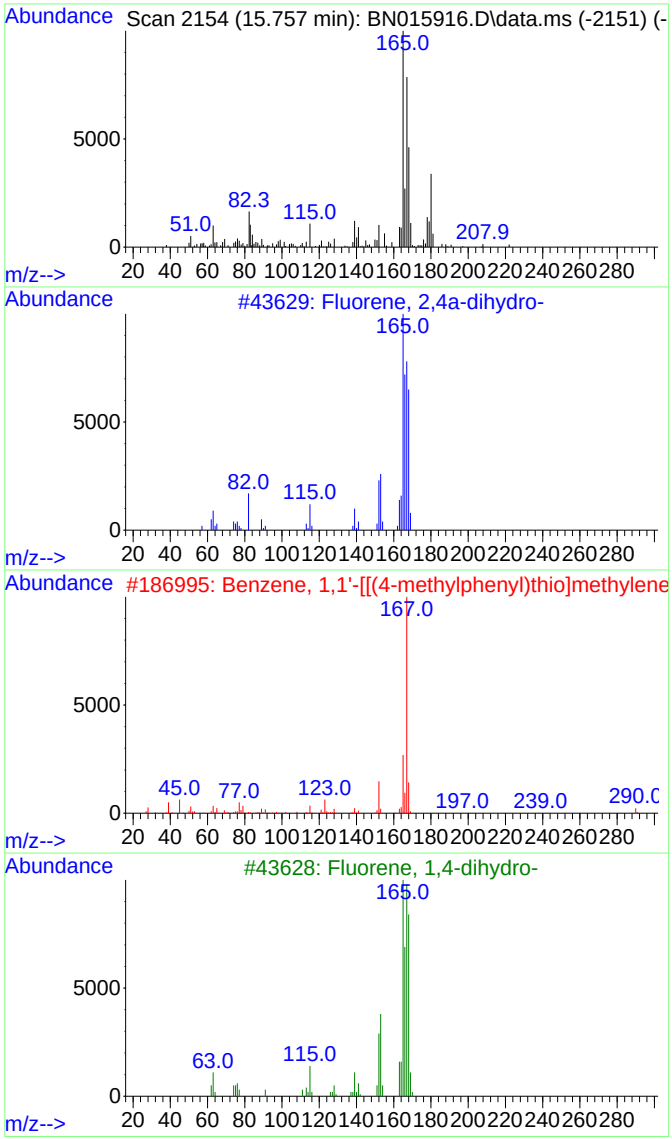
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

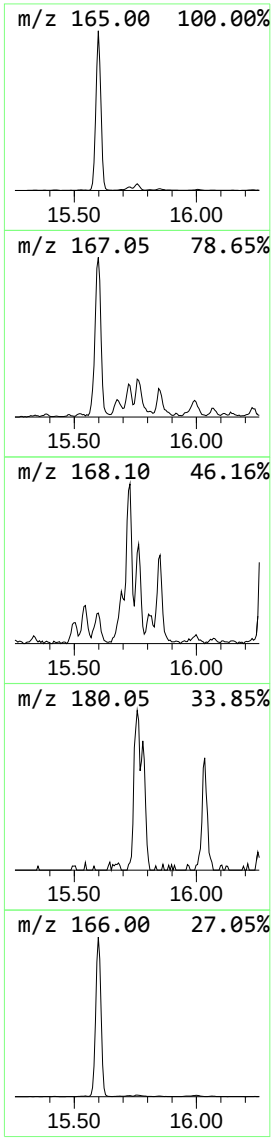
**********

Peak Number 12 unknown-02 Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.757 | 2.64 ng/ul | 408545 | Acenaphthene-d10 | 14.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Fluorene, 2,4a-dihydro- | 168 | C13H12 | 059247-36-8 | 46 |
| 2 | Benzene, 1,1'-[[(4-methylphenyl)... | 290 | C20H18S | 032110-49-9 | 43 |
| 3 | Fluorene, 1,4-dihydro- | 168 | C13H12 | 041593-21-9 | 41 |
| 4 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 38 |
| 5 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 38 |



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Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBKC5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

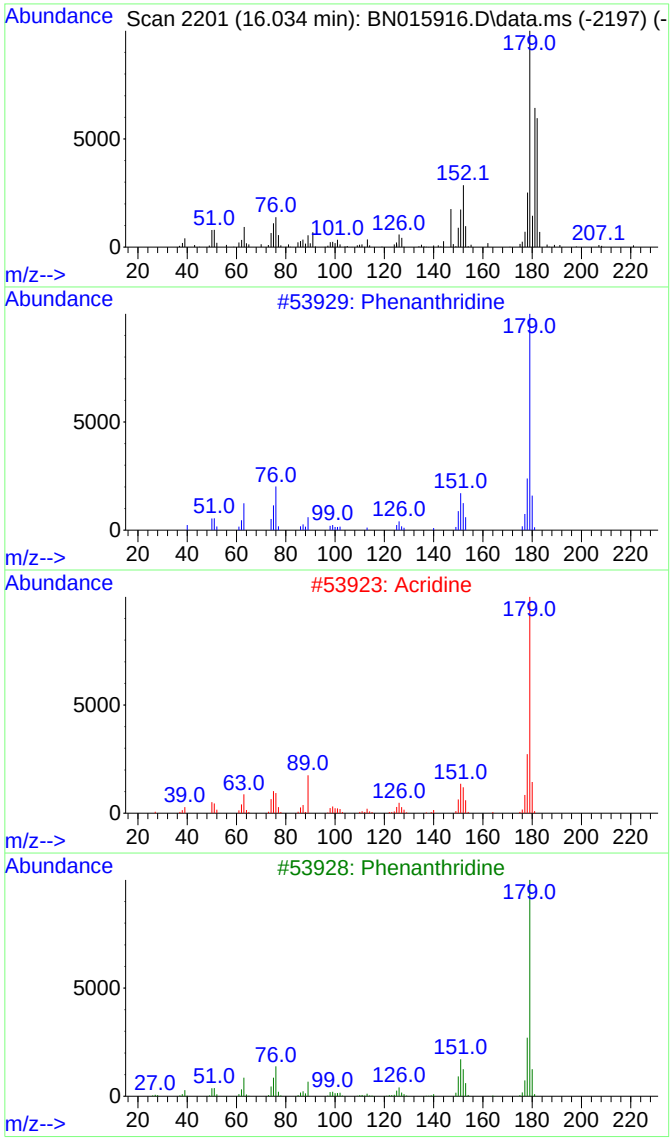
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

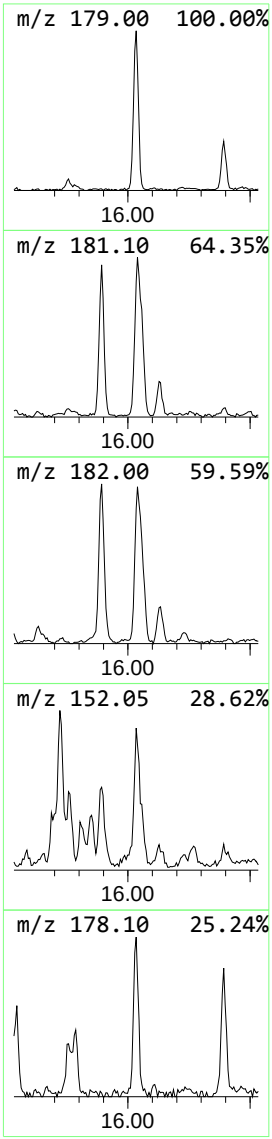
**********

Peak Number 13 Phenanthridine Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.034 | 4.99 ng/ul | 731924 | Phenanthrene-d10 | 17.298 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthridine | 179 | C13H9N | 000229-87-8 | 90 |
| 2 | Acridine | 179 | C13H9N | 000260-94-6 | 90 |
| 3 | Phenanthridine | 179 | C13H9N | 000229-87-8 | 90 |
| 4 | Benzo[h]quinoline | 179 | C13H9N | 000230-27-3 | 60 |
| 5 | Benzo[f]quinoline | 179 | C13H9N | 000085-02-9 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBKC5

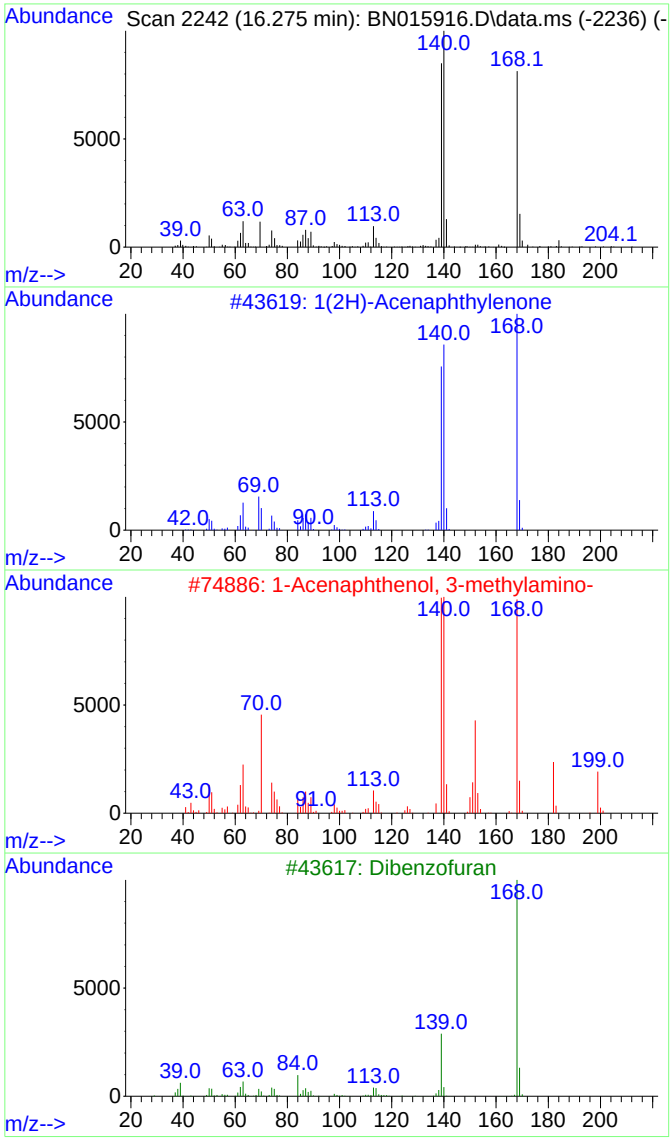
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

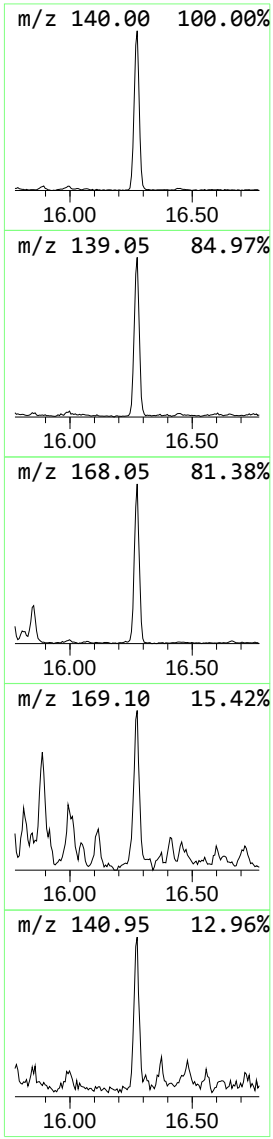
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 1(2H)-Acenaphthylenone Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.275 | 7.01 ng/ul | 1027190 | Phenanthrene-d10 | 17.298 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1(2H)-Acenaphthylenone | 168 | C12H8O | 002235-15-6 | 95 |
| 2 | 1-Acenaphthenol, 3-methylamino- | 199 | C13H13NO | 1000129-22-6 | 74 |
| 3 | Dibenzofuran | 168 | C12H8O | 000132-64-9 | 58 |
| 4 | Cyclobuta[de]naphthalene | 140 | C11H8 | 024973-91-9 | 58 |
| 5 | 1H-Inden-1-one, 4,7-difluoro-2,3... | 168 | C9H6F2O | 130408-16-1 | 53 |



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Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBKC5

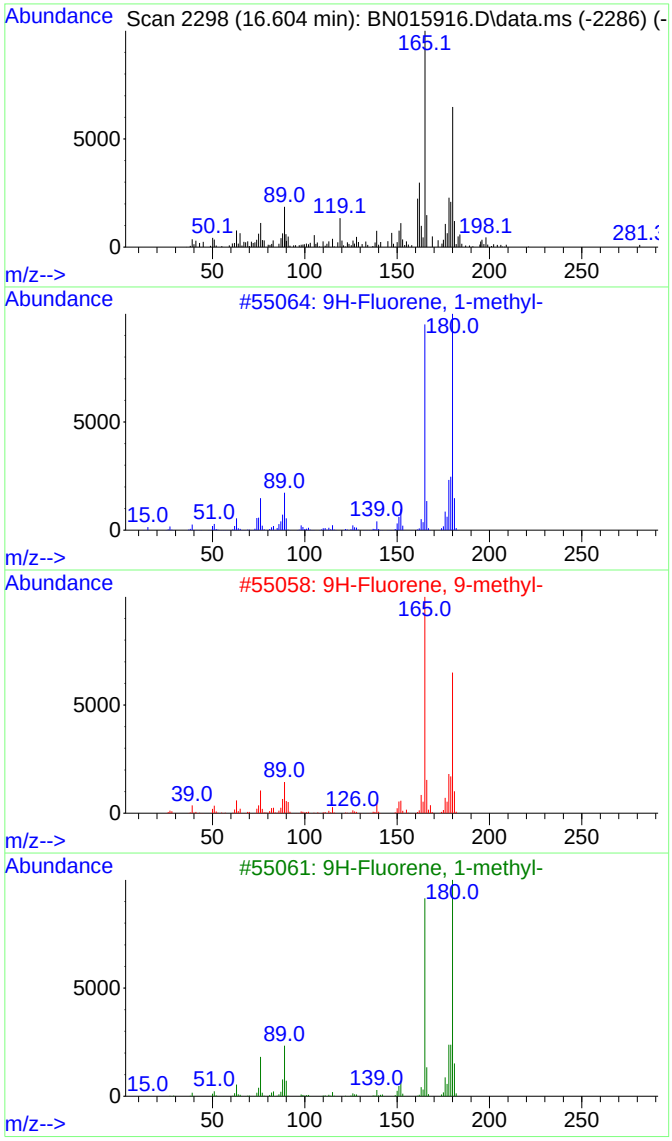
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

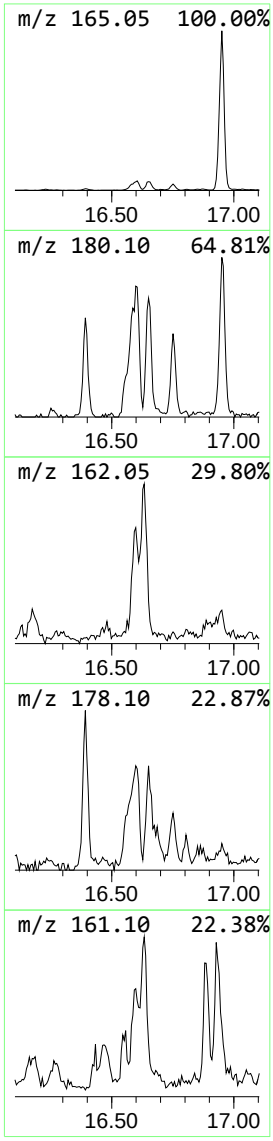
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 9H-Fluorene, 1-methyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.604 | 3.71 ng/ul | 544265 | Phenanthrene-d10 | 17.298 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 97 |
| 2 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 93 |
| 3 | 9H-Fluorene, 1-methyl- | 180 | C14H12 | 001730-37-6 | 93 |
| 4 | 9H-Fluorene, 9-methyl- | 180 | C14H12 | 002523-37-7 | 92 |
| 5 | 9H-Fluorene, 2-methyl- | 180 | C14H12 | 001430-97-3 | 92 |



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Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBKC5

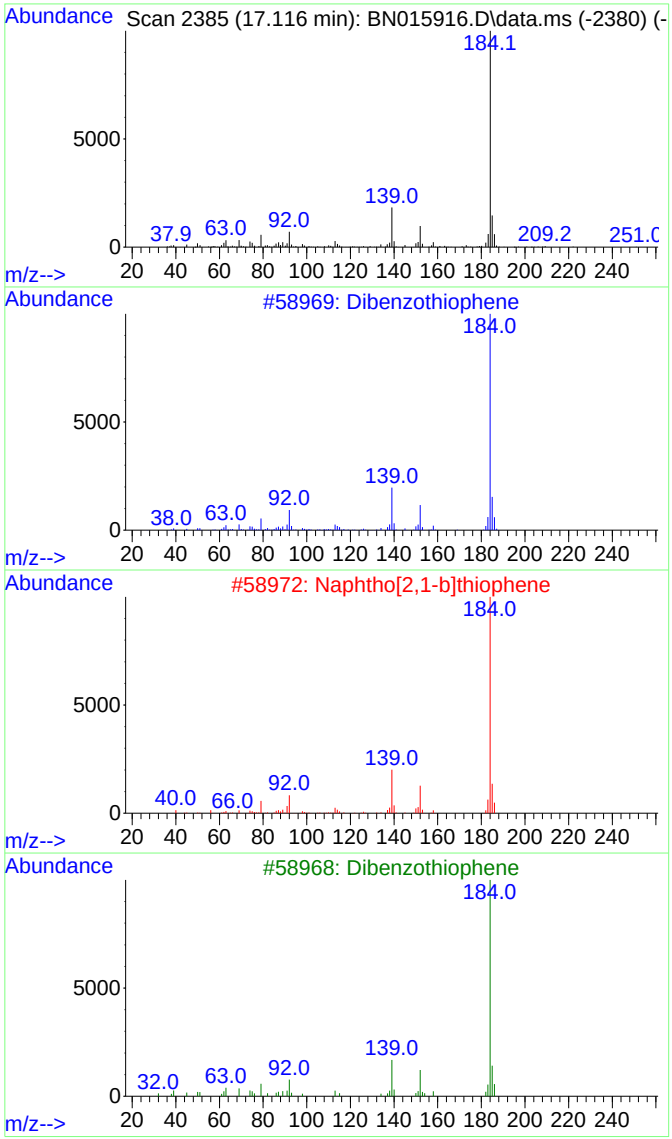
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

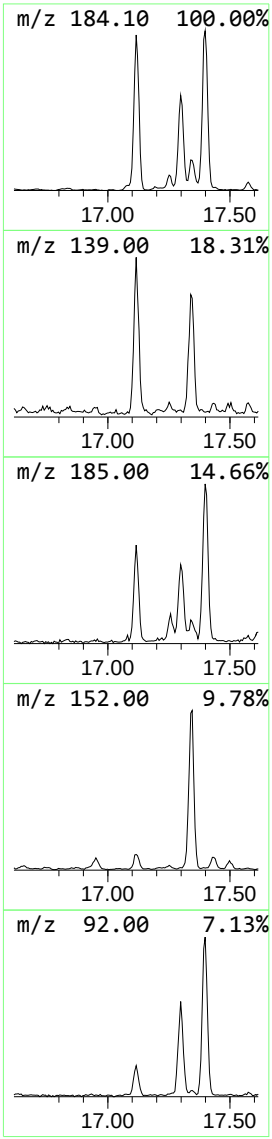
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Dibenzothiophene Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.116 | 4.64 ng/ul | 679654 | Phenanthrene-d10 | 17.298 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBKC5

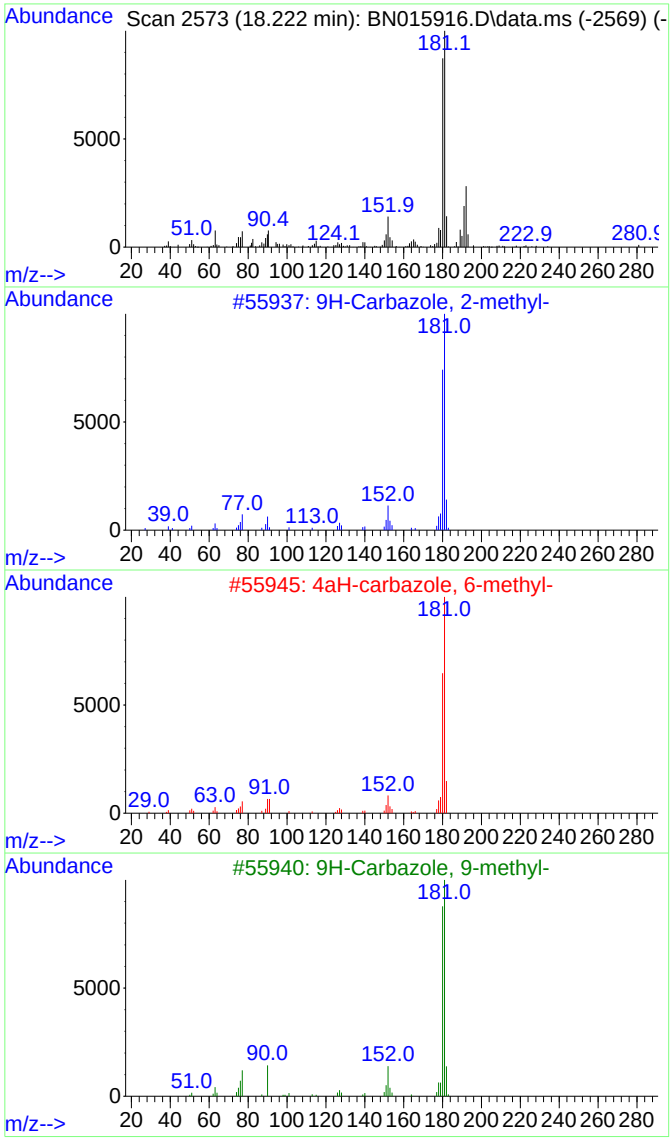
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

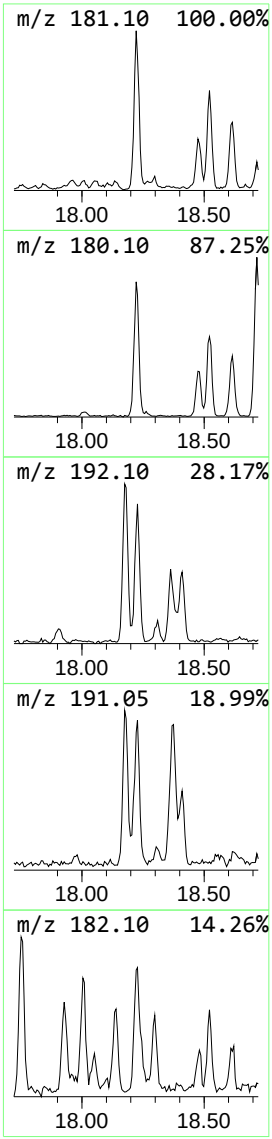
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 9H-Carbazole, 2-methyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.222 | 3.70 ng/ul | 543068 | Phenanthrene-d10 | 17.298 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Carbazole, 2-methyl- | 181 | C13H11N | 003652-91-3 | 96 |
| 2 | 4aH-carbazole, 6-methyl- | 181 | C13H11N | 1000404-86-1 | 95 |
| 3 | 9H-Carbazole, 9-methyl- | 181 | C13H11N | 001484-12-4 | 95 |
| 4 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 94 |
| 5 | 3-Methylcarbazole | 181 | C13H11N | 004630-20-0 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBKC5

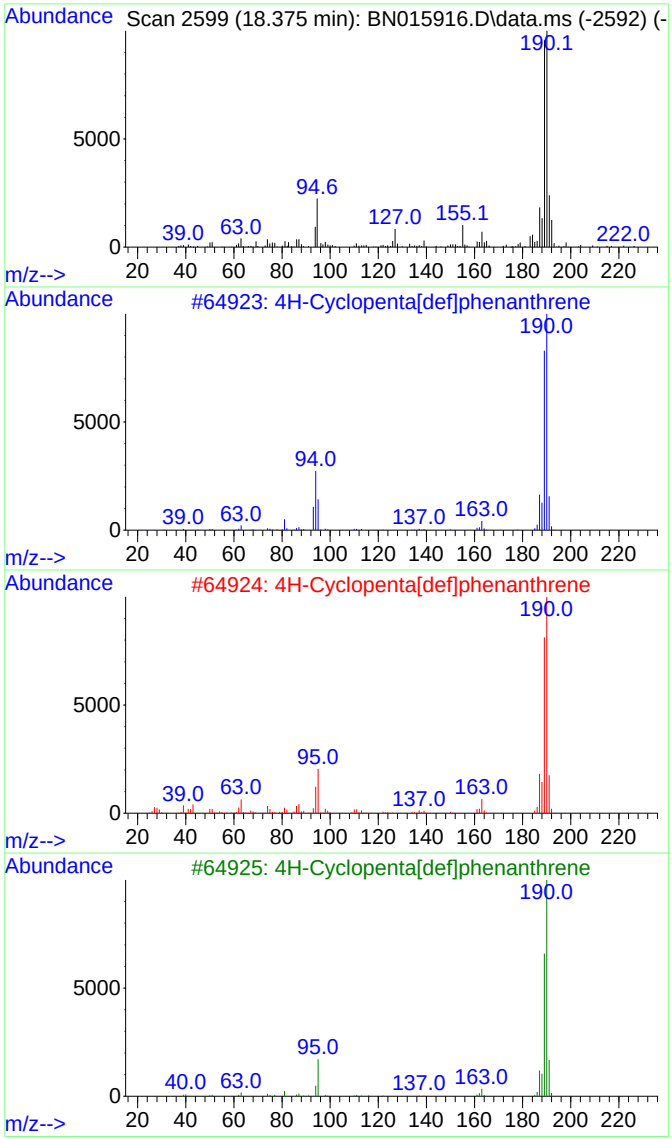
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

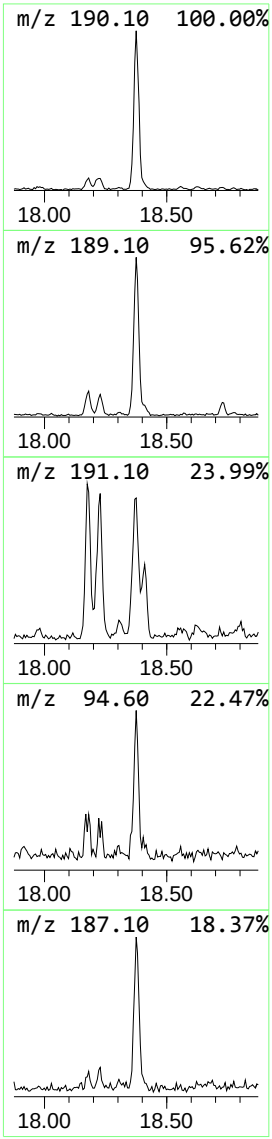
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.375 | 5.33 ng/ul | 781013 | Phenanthrene-d10 | 17.298 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 87 |
| 2 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 81 |
| 3 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 72 |
| 4 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 50 |
| 5 | Phenol, 4-(2-thienylmethyl)- | 190 | C11H10OS | 091680-55-6 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBKC5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

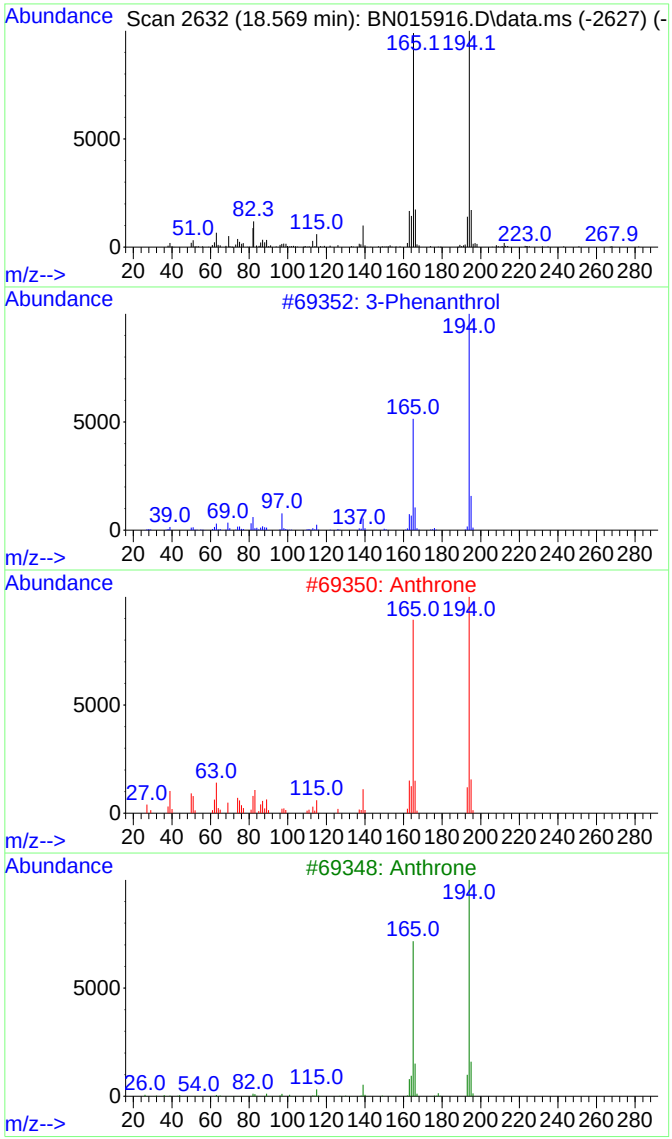
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

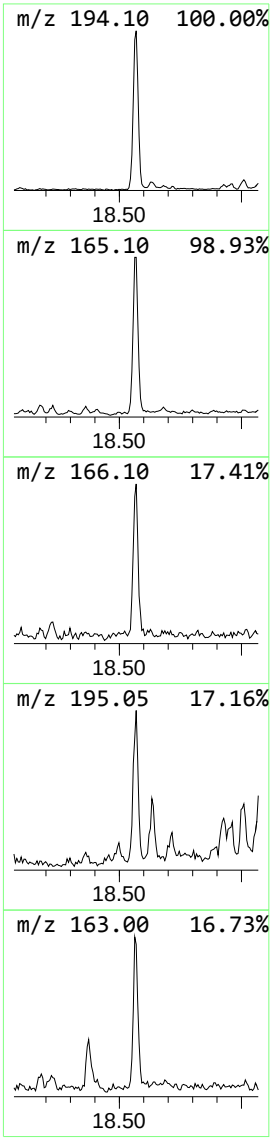
**********

Peak Number 19 3-Phenanthrol Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.569 | 3.95 ng/ul | 578788 | Phenanthrene-d10 | 17.298 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Phenanthrol | 194 | C14H10O | 000605-87-8 | 93 |
| 2 | Anthrone | 194 | C14H10O | 000090-44-8 | 93 |
| 3 | Anthrone | 194 | C14H10O | 000090-44-8 | 90 |
| 4 | 9-Phenanthrenol | 194 | C14H10O | 000484-17-3 | 90 |
| 5 | Anthrone | 194 | C14H10O | 000090-44-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBKC5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

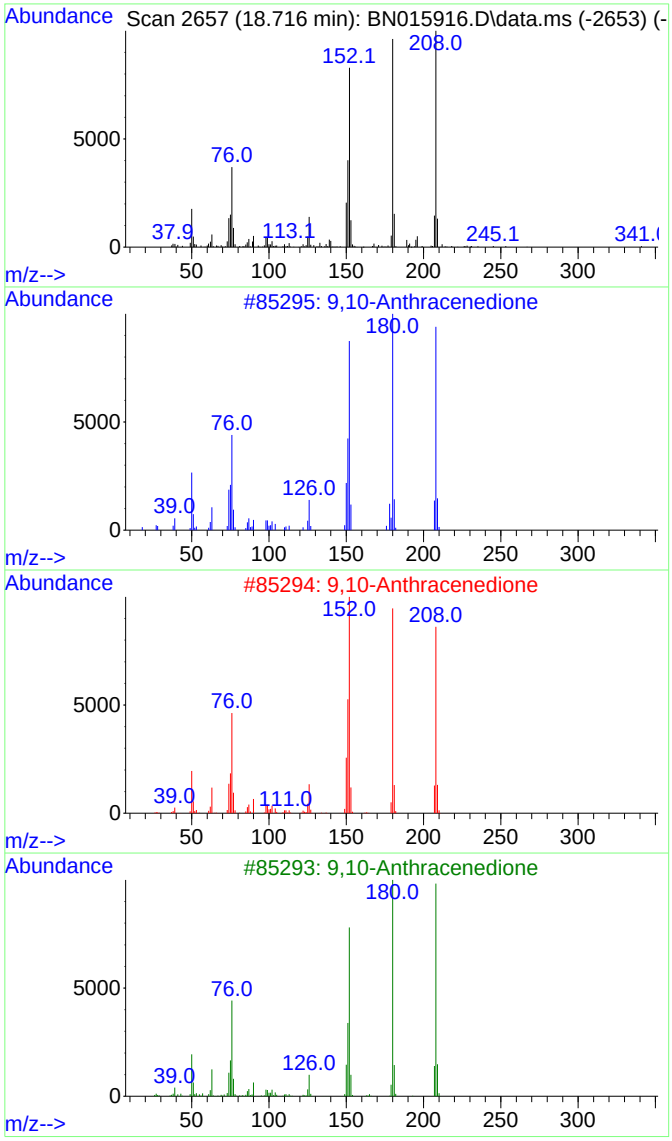
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

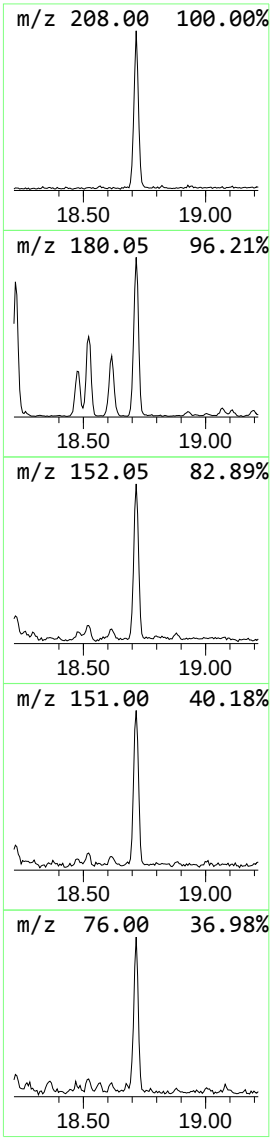
**********

Peak Number 20 9,10-Anthracenedione Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.716 | 5.03 ng/ul | 738124 | Phenanthrene-d10 | 17.298 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 98 |
| 2 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 98 |
| 3 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 95 |
| 4 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 94 |
| 5 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DBKC5

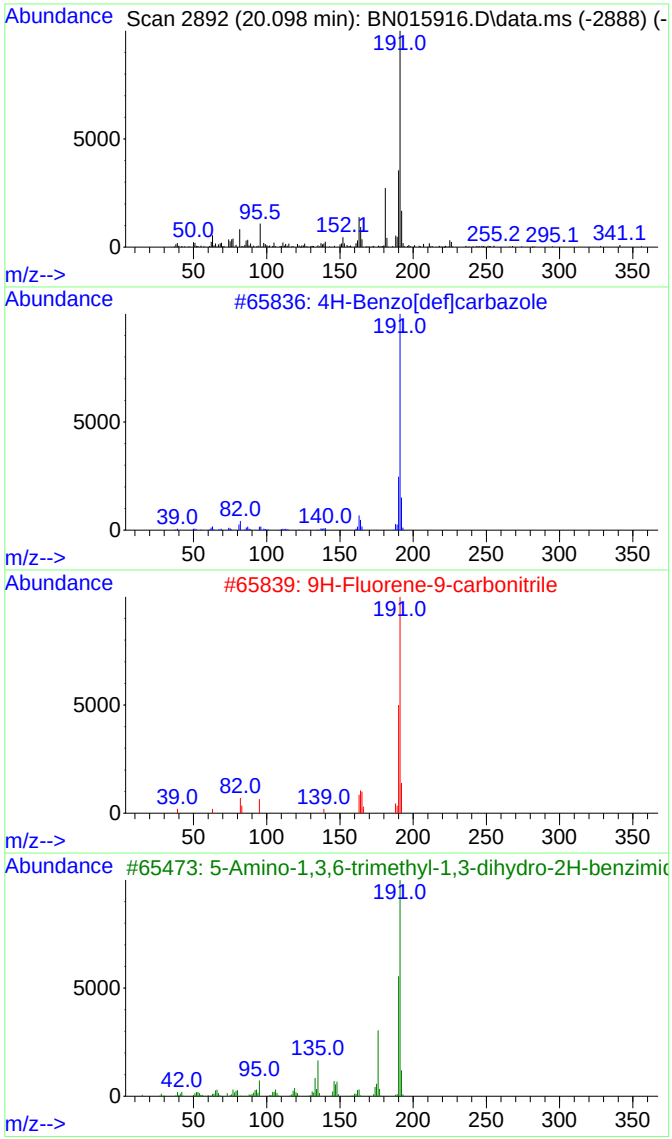
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

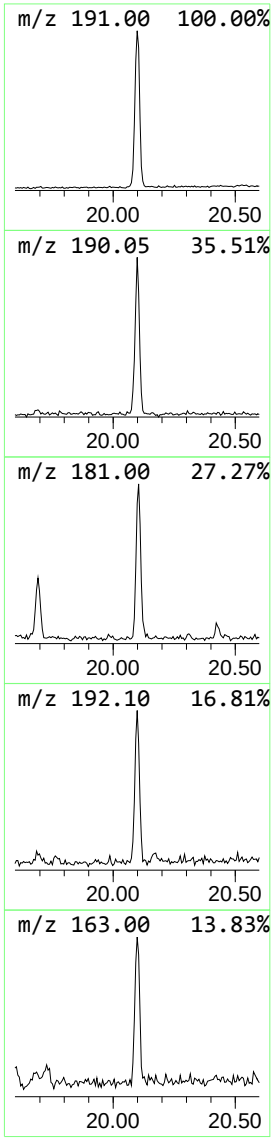
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 4H-Benzo[def]carbazole Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.098 | 2.92 ng/ul | 523387 | Chrysene-d12 | 21.480 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Benzo[def]carbazole | 191 | C14H9N | 000203-65-6 | 93 |
| 2 | 9H-Fluorene-9-carbonitrile | 191 | C14H9N | 001529-40-4 | 68 |
| 3 | 5-Amino-1,3,6-trimethyl-1,3-dihy... | 191 | C10H13N3O | 073778-94-6 | 52 |
| 4 | 9H-Fluorene-2-carbonitrile | 191 | C14H9N | 002523-48-0 | 52 |
| 5 | 9H-Fluorene-9-carbonitrile | 191 | C14H9N | 001529-40-4 | 49 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015916.D
Acq On : 18 Aug 2021 02:01
Operator : CG/JU
Sample : M3364-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DBKC5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| unknown-01 | 12.240 | 9.1 | ng/ul | 992723 | 2 | 10.710 | 2174510 | 20.0 |
| Phenol, 3,5-dic... | 13.251 | 6.8 | ng/ul | 1059610 | 3 | 14.551 | 3094280 | 20.0 |
| Naphthalene, 1-... | 13.569 | 5.0 | ng/ul | 775881 | 3 | 14.551 | 3094280 | 20.0 |
| Naphthalene, 2,... | 13.728 | 7.7 | ng/ul | 1193220 | 3 | 14.551 | 3094280 | 20.0 |
| Naphthalene, 2,... | 13.869 | 8.8 | ng/ul | 1353480 | 3 | 14.551 | 3094280 | 20.0 |
| Naphthalene, 1,... | 14.104 | 3.8 | ng/ul | 590050 | 3 | 14.551 | 3094280 | 20.0 |
| 2-Naphthaleneca... | 14.675 | 3.7 | ng/ul | 566600 | 3 | 14.551 | 3094280 | 20.0 |
| (DEL) Alkane: S... | 14.857 | 11.4 | ng/ul | 1771030 | 3 | 14.551 | 3094280 | 20.0 |
| Naphthalene, 1,... | 15.022 | 2.9 | ng/ul | 452651 | 3 | 14.551 | 3094280 | 20.0 |
| Phenol, 2,3,5,6... | 15.092 | 5.5 | ng/ul | 853207 | 3 | 14.551 | 3094280 | 20.0 |
| 1-Isopropenylna... | 15.722 | 2.5 | ng/ul | 388473 | 3 | 14.551 | 3094280 | 20.0 |
| unknown-02 | 15.757 | 2.6 | ng/ul | 408545 | 3 | 14.551 | 3094280 | 20.0 |
| Phenanthridine | 16.034 | 5.0 | ng/ul | 731924 | 4 | 17.298 | 2932660 | 20.0 |
| 1(2H)-Acenaphth... | 16.275 | 7.0 | ng/ul | 1027190 | 4 | 17.298 | 2932660 | 20.0 |
| 9H-Fluorene, 1-... | 16.604 | 3.7 | ng/ul | 544265 | 4 | 17.298 | 2932660 | 20.0 |
| Dibenzothiophene | 17.116 | 4.6 | ng/ul | 679654 | 4 | 17.298 | 2932660 | 20.0 |
| 9H-Carbazole, 2... | 18.222 | 3.7 | ng/ul | 543068 | 4 | 17.298 | 2932660 | 20.0 |
| 4H-Cyclopenta[d... | 18.375 | 5.3 | ng/ul | 781013 | 4 | 17.298 | 2932660 | 20.0 |
| 3-Phenanthrol | 18.569 | 4.0 | ng/ul | 578788 | 4 | 17.298 | 2932660 | 20.0 |
| 9,10-Anthracene... | 18.716 | 5.0 | ng/ul | 738124 | 4 | 17.298 | 2932660 | 20.0 |
| 4H-Benzo[def]ca... | 20.098 | 2.9 | ng/ul | 523387 | 5 | 21.480 | 3581640 | 20.0 |