LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012479.D
Acq On : 27 Oct 2017 10:44
Operator : SJ/JU
Sample : I5786-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DUP-4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Title : SVOA CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.146 | 6 | 10 | 20 | rVB | 129754 | 191937 | 1.69% | 0.147% |
| 2 | 3.357 | 42 | 46 | 53 | rVB | 132272 | 166521 | 1.46% | 0.128% |
| 3 | 3.869 | 128 | 133 | 137 | rBV | 219782 | 273916 | 2.41% | 0.210% |
| 4 | 4.093 | 166 | 171 | 177 | rVB | 264015 | 350915 | 3.08% | 0.269% |
| 5 | 5.004 | 320 | 326 | 336 | rVB | 704420 | 1030708 | 9.06% | 0.790% |
| 6 | 5.528 | 409 | 415 | 424 | rBV | 517859 | 1038968 | 9.13% | 0.796% |
| 7 | 5.898 | 472 | 478 | 487 | rBV2 | 200054 | 316103 | 2.78% | 0.242% |
| 8 | 6.863 | 633 | 642 | 649 | rBV4 | 79416 | 169200 | 1.49% | 0.130% |
| 9 | 6.969 | 655 | 660 | 664 | rVB | 94470 | 133458 | 1.17% | 0.102% |
| 10 | 7.040 | 664 | 672 | 680 | rBV2 | 1914035 | 3826261 | 33.63% | 2.931% |
| 11 | 7.098 | 680 | 682 | 689 | rVB | 140137 | 171226 | 1.50% | 0.131% |
| 12 | 7.204 | 693 | 700 | 706 | rBV | 1610662 | 2523123 | 22.18% | 1.933% |
| 13 | 7.404 | 728 | 734 | 744 | rVB | 1214892 | 1958831 | 17.22% | 1.501% |
| 14 | 7.522 | 752 | 754 | 759 | rVB | 297445 | 344211 | 3.03% | 0.264% |
| 15 | 7.869 | 805 | 813 | 820 | rBV | 2005805 | 3258505 | 28.64% | 2.496% |
| 16 | 8.010 | 829 | 837 | 842 | rVB2 | 108680 | 251522 | 2.21% | 0.193% |
| 17 | 8.510 | 917 | 922 | 927 | rBV3 | 87628 | 178054 | 1.56% | 0.136% |
| 18 | 8.575 | 927 | 933 | 939 | rVV | 2003090 | 3108852 | 27.32% | 2.381% |
| 19 | 8.639 | 939 | 944 | 950 | rVV | 273161 | 414062 | 3.64% | 0.317% |
| 20 | 8.975 | 990 | 1001 | 1004 | rBV3 | 116605 | 244203 | 2.15% | 0.187% |
| 21 | 9.022 | 1004 | 1009 | 1018 | rVV | 1992934 | 3392462 | 29.82% | 2.599% |
| 22 | 9.098 | 1018 | 1022 | 1028 | rVB | 231527 | 347554 | 3.05% | 0.266% |
| 23 | 9.745 | 1123 | 1132 | 1138 | rBV2 | 331619 | 602747 | 5.30% | 0.462% |
| 24 | 10.280 | 1215 | 1223 | 1233 | rVB | 516238 | 927475 | 8.15% | 0.710% |
| 25 | 10.663 | 1278 | 1288 | 1294 | rBV | 2501836 | 4343803 | 38.18% | 3.328% |
| 26 | 10.710 | 1294 | 1296 | 1303 | rVB | 85306 | 134199 | 1.18% | 0.103% |
| 27 | 10.792 | 1303 | 1310 | 1323 | rBV | 1701500 | 3078580 | 27.06% | 2.358% |
| 28 | 11.980 | 1503 | 1512 | 1518 | rBV | 135541 | 240141 | 2.11% | 0.184% |
| 29 | 12.092 | 1526 | 1531 | 1537 | rVB | 114006 | 167161 | 1.47% | 0.128% |
| 30 | 12.157 | 1537 | 1542 | 1546 | rBV2 | 69259 | 120137 | 1.06% | 0.092% |
| 31 | 13.910 | 1832 | 1840 | 1844 | rBV | 4589311 | 6193044 | 54.43% | 4.744% |
| 32 | 13.957 | 1844 | 1848 | 1857 | rVB | 3309342 | 4396249 | 38.64% | 3.368% |
| 33 | 14.192 | 1882 | 1888 | 1897 | rVB | 4926407 | 7288938 | 64.06% | 5.584% |
| 34 | 14.504 | 1933 | 1941 | 1949 | rBV2 | 3272338 | 5088735 | 44.72% | 3.898% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012479.D
Acq On : 27 Oct 2017 10:44
Operator : SJ/JU
Sample : I5786-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DUP-4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 15.492 | 2102 | 2109 | 2115 | rBV | 6665384 | 9020686 | 79.28% | 6.910% |
| 36 | 15.551 | 2115 | 2119 | 2123 | rVB2 | 98321 | 135600 | 1.19% | 0.104% |
| 37 | 15.727 | 2143 | 2149 | 2153 | rBV3 | 97186 | 206075 | 1.81% | 0.158% |
| 38 | 15.857 | 2166 | 2171 | 2177 | rVB | 470124 | 641532 | 5.64% | 0.491% |
| 39 | 16.215 | 2229 | 2232 | 2235 | rBV2 | 120987 | 158206 | 1.39% | 0.121% |
| 40 | 17.009 | 2363 | 2367 | 2372 | rBV2 | 107413 | 137791 | 1.21% | 0.106% |
| 41 | 17.062 | 2373 | 2376 | 2386 | rVB2 | 100289 | 162172 | 1.43% | 0.124% |
| 42 | 17.239 | 2400 | 2406 | 2411 | rBV2 | 3899312 | 5865159 | 51.55% | 4.493% |
| 43 | 17.339 | 2417 | 2423 | 2435 | rVB | 6881524 | 9583978 | 84.23% | 7.342% |
| 44 | 17.745 | 2489 | 2492 | 2496 | rVB | 111164 | 120444 | 1.06% | 0.092% |
| 45 | 17.915 | 2518 | 2521 | 2525 | rVB | 265502 | 287899 | 2.53% | 0.221% |
| 46 | 18.433 | 2606 | 2609 | 2618 | rBV4 | 118220 | 202704 | 1.78% | 0.155% |
| 47 | 18.909 | 2686 | 2690 | 2692 | rBV | 846536 | 1134578 | 9.97% | 0.869% |
| 48 | 18.992 | 2701 | 2704 | 2707 | rBV | 180243 | 223296 | 1.96% | 0.171% |
| 49 | 19.056 | 2711 | 2715 | 2718 | rVV3 | 882915 | 1140872 | 10.03% | 0.874% |
| 50 | 19.086 | 2718 | 2720 | 2724 | rVB2 | 698467 | 721829 | 6.34% | 0.553% |
| 51 | 19.292 | 2752 | 2755 | 2759 | rVB | 195978 | 231200 | 2.03% | 0.177% |
| 52 | 19.627 | 2807 | 2812 | 2822 | rBV | 7978967 | 11378109 | 100.00% | 8.716% |
| 53 | 20.550 | 2963 | 2969 | 2976 | rBV | 3943614 | 4696571 | 41.28% | 3.598% |
| 54 | 21.127 | 3063 | 3067 | 3071 | rBV | 2148179 | 2839905 | 24.96% | 2.175% |
| 55 | 21.409 | 3111 | 3115 | 3120 | rBV | 5478659 | 6702286 | 58.91% | 5.134% |
| 56 | 23.574 | 3478 | 3483 | 3488 | rBV2 | 5977718 | 10895990 | 95.76% | 8.347% |
| 57 | 23.715 | 3503 | 3507 | 3514 | rVB | 3856413 | 7783085 | 68.40% | 5.962% |

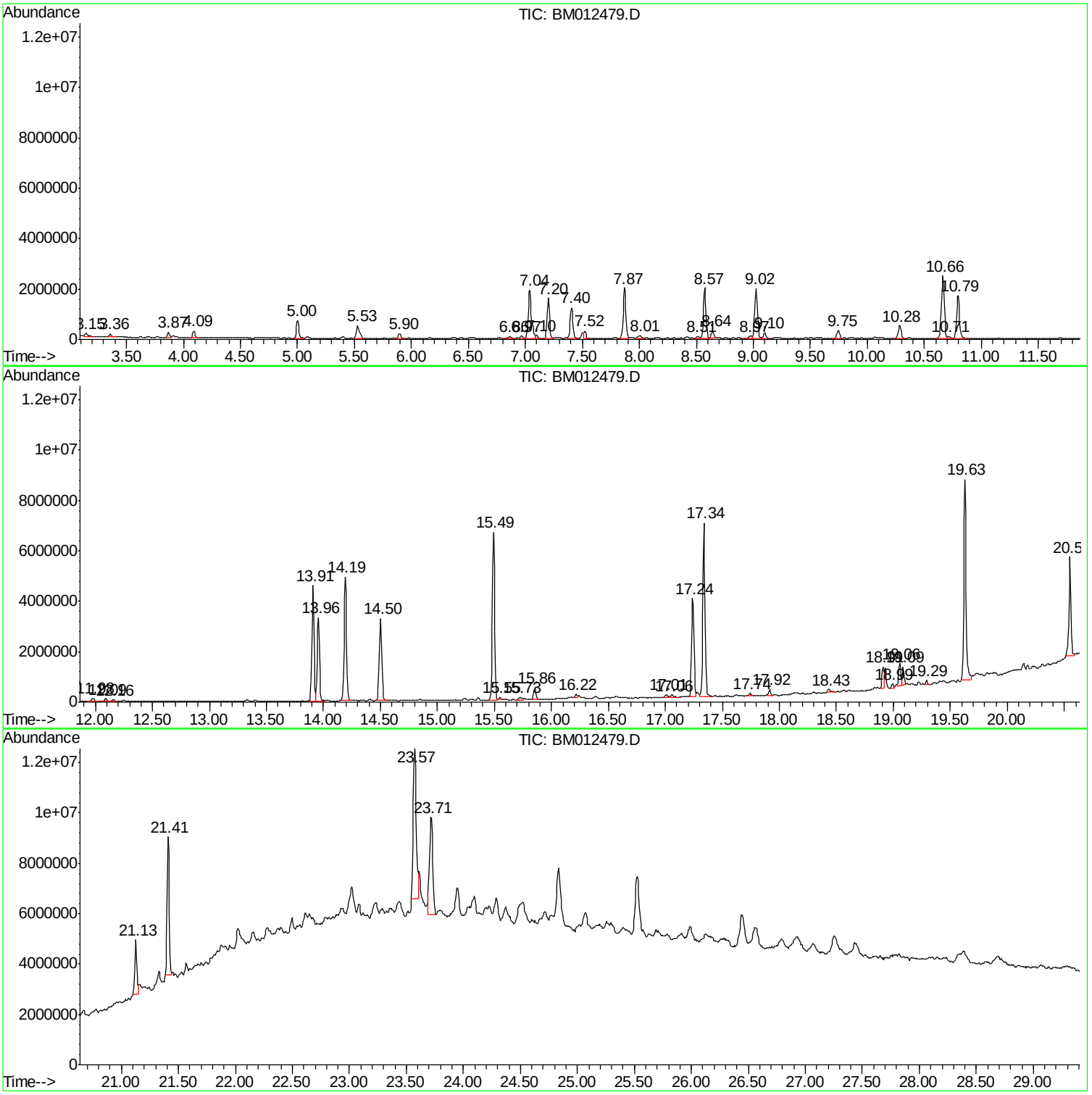
Sum of corrected areas: 130541768

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012479.D
Acq On : 27 Oct 2017 10:44
Operator : SJ/JU
Sample : I5786-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DUP-4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012479.D
Acq On : 27 Oct 2017 10:44
Operator : SJ/JU
Sample : I5786-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DUP-4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

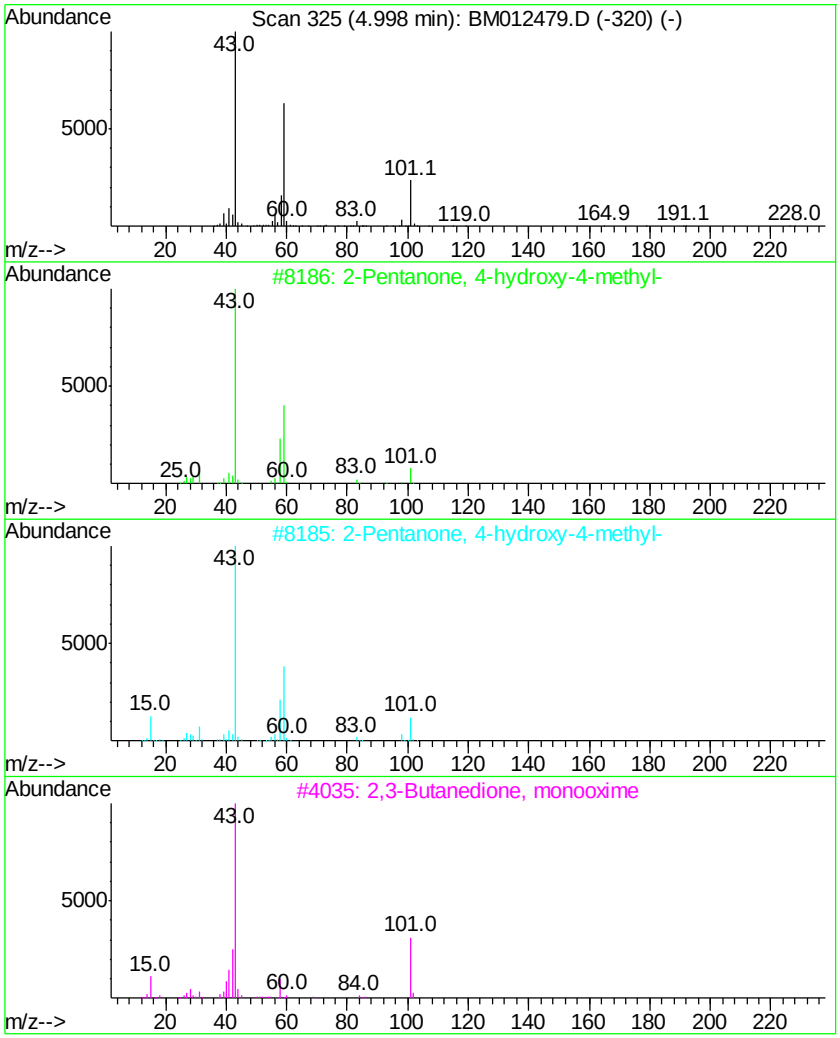
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

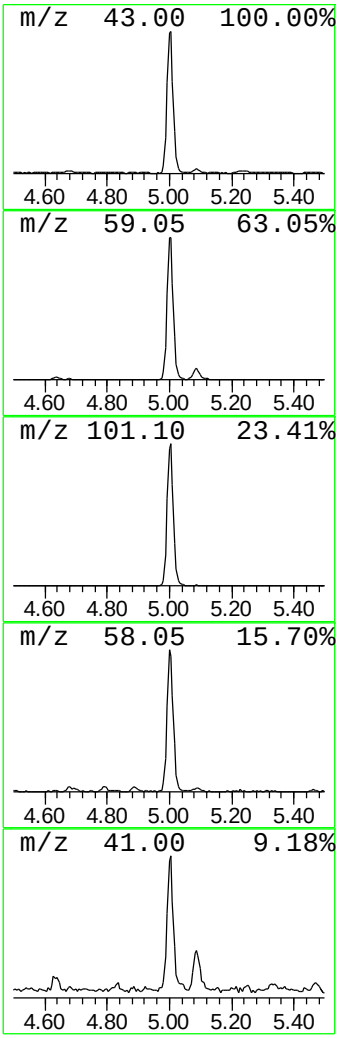
**********

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.00 | 6.33 ng/ul | 1030710 | 1,4-Dichlorobenzene-d4 | 7.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 35 |
| 4 | 4-Methoxy-1-pentene | 100 | C6H12O | 098386-09-5 | 25 |
| 5 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 23 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012479.D
Acq On : 27 Oct 2017 10:44
Operator : SJ/JU
Sample : I5786-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DUP-4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

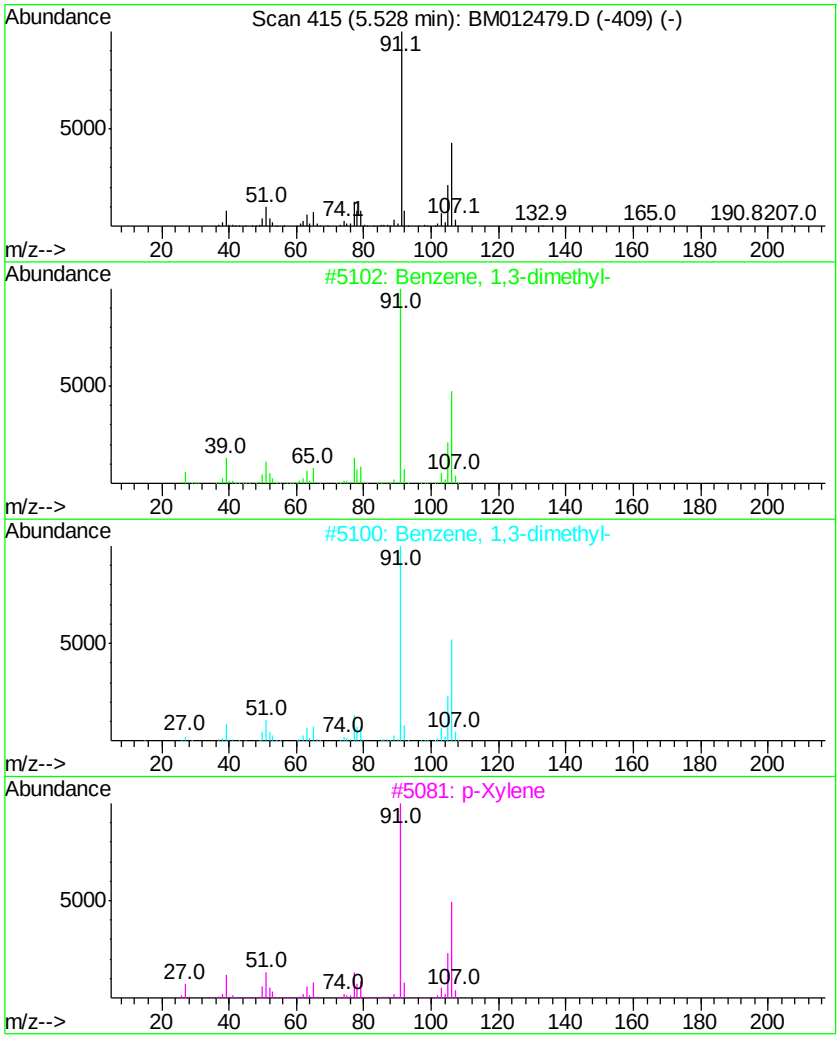
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

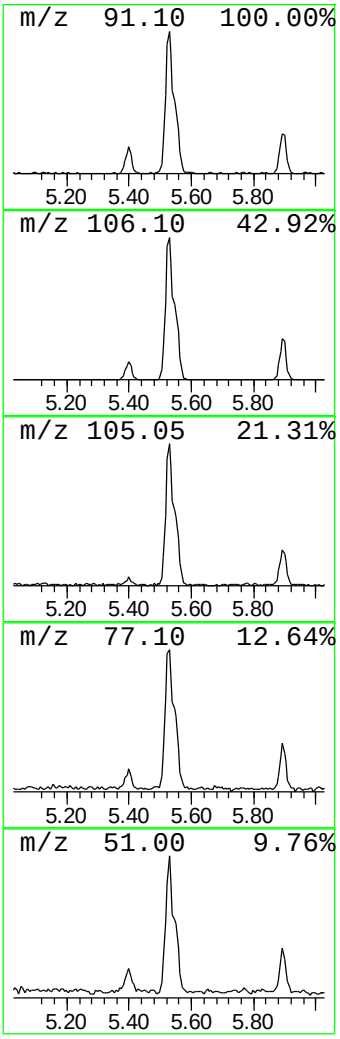
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.53 | 6.38 ng/ul | 1038970 | 1,4-Dichlorobenzene-d4 | 7.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 2 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 3 | p-Xylene | 106 | C8H10 | 000106-42-3 | 97 |
| 4 | o-Xylene | 106 | C8H10 | 000095-47-6 | 97 |
| 5 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 95 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012479.D
Acq On : 27 Oct 2017 10:44
Operator : SJ/JU
Sample : I5786-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DUP-4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

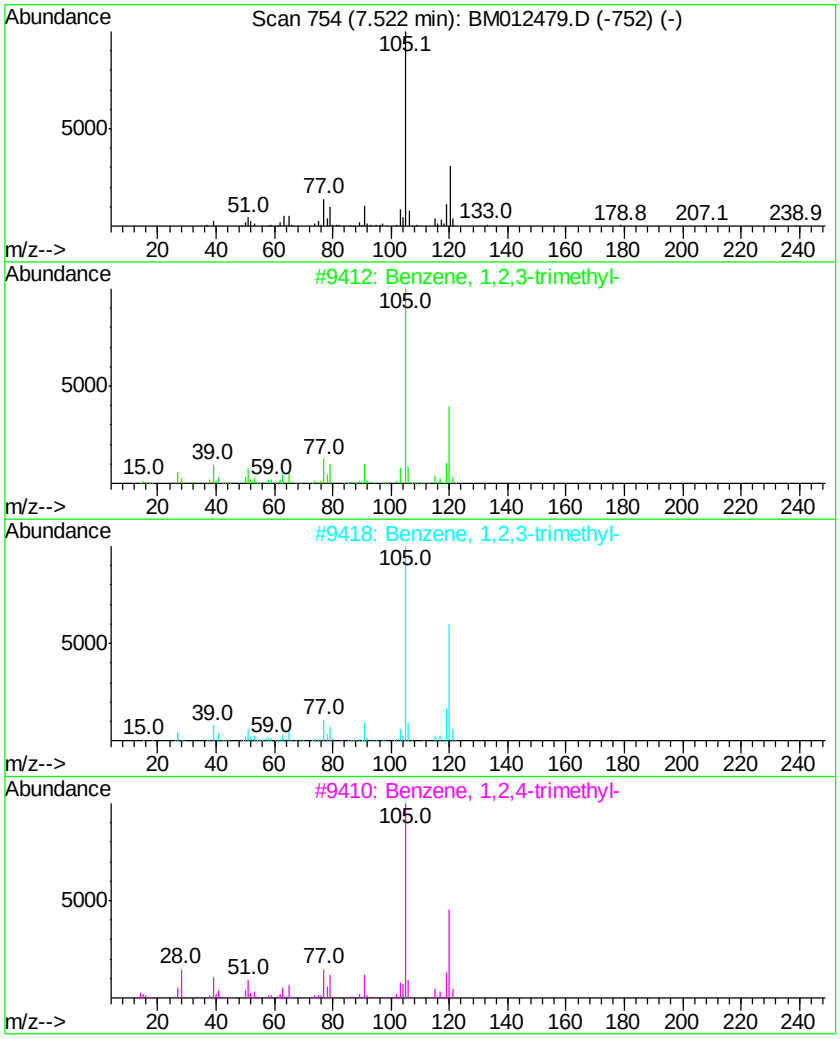
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

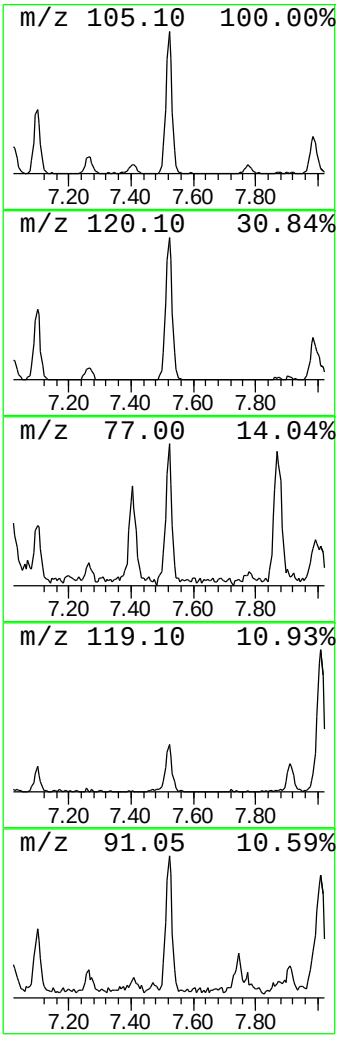
**********

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.52 | 2.11 ng/ul | 344211 | 1,4-Dichlorobenzene-d4 | 7.87 |

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012479.D
Acq On : 27 Oct 2017 10:44
Operator : SJ/JU
Sample : I5786-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DUP-4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

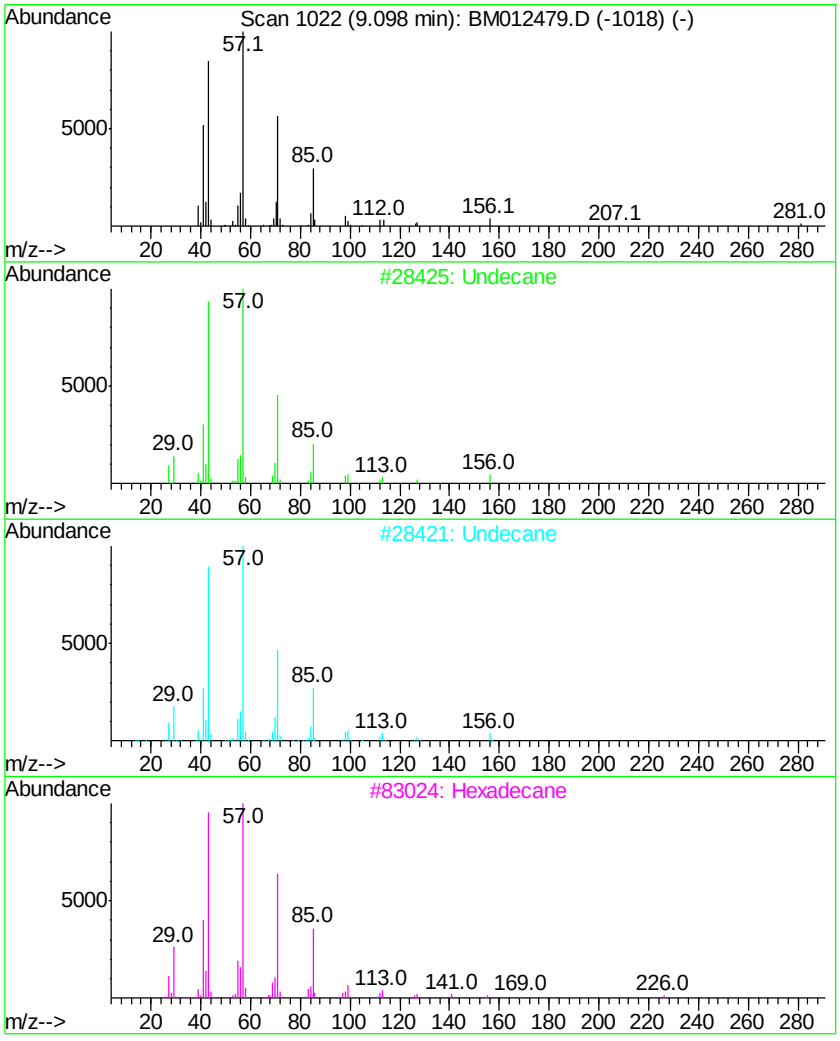
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

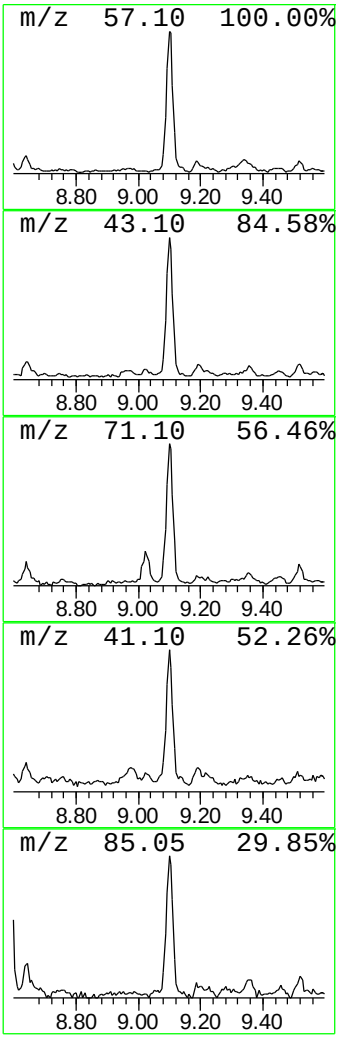
**********

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.10 | 2.13 ng/ul | 347554 | 1,4-Dichlorobenzene-d4 | 7.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane | 156 | C11H24 | 001120-21-4 | 90 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 90 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 78 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 78 |



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Data File : BM012479.D
Acq On : 27 Oct 2017 10:44
Operator : SJ/JU
Sample : I5786-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DUP-4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

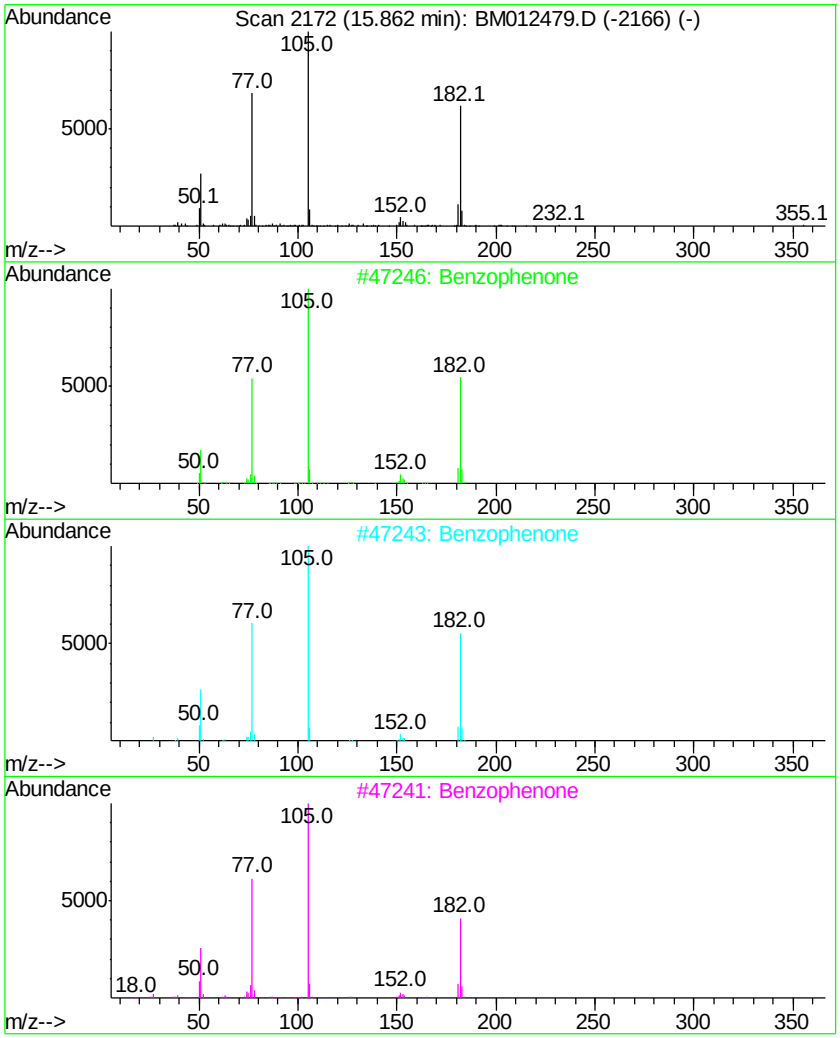
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

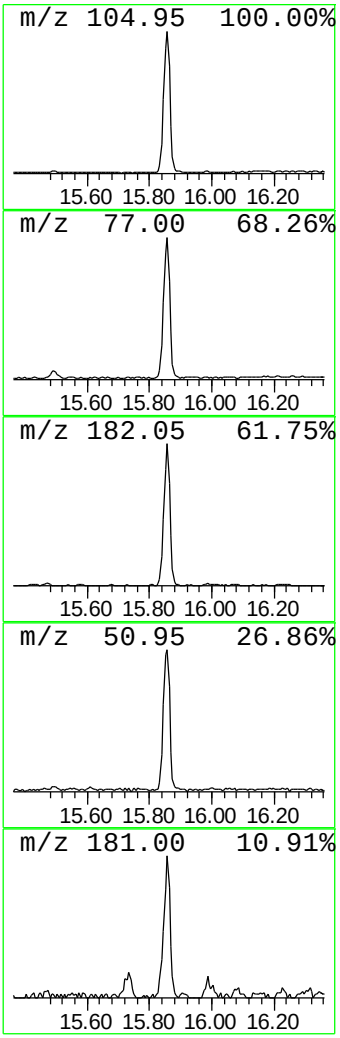
**********

Peak Number 6 Benzophenone Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.86 | 2.52 ng/ul | 641532 | Acenaphthene-d10 | 14.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 97 |
| 2 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 3 | Benzophenone | 182 | C13H10O | 000119-61-9 | 95 |
| 4 | Benzophenone | 182 | C13H10O | 000119-61-9 | 91 |
| 5 | Bicyclo[3.2.1]octane-6-carboxyli... | 182 | C10H14O3 | 1000362-16-3 | 90 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012479.D
Acq On : 27 Oct 2017 10:44
Operator : SJ/JU
Sample : I5786-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DUP-4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

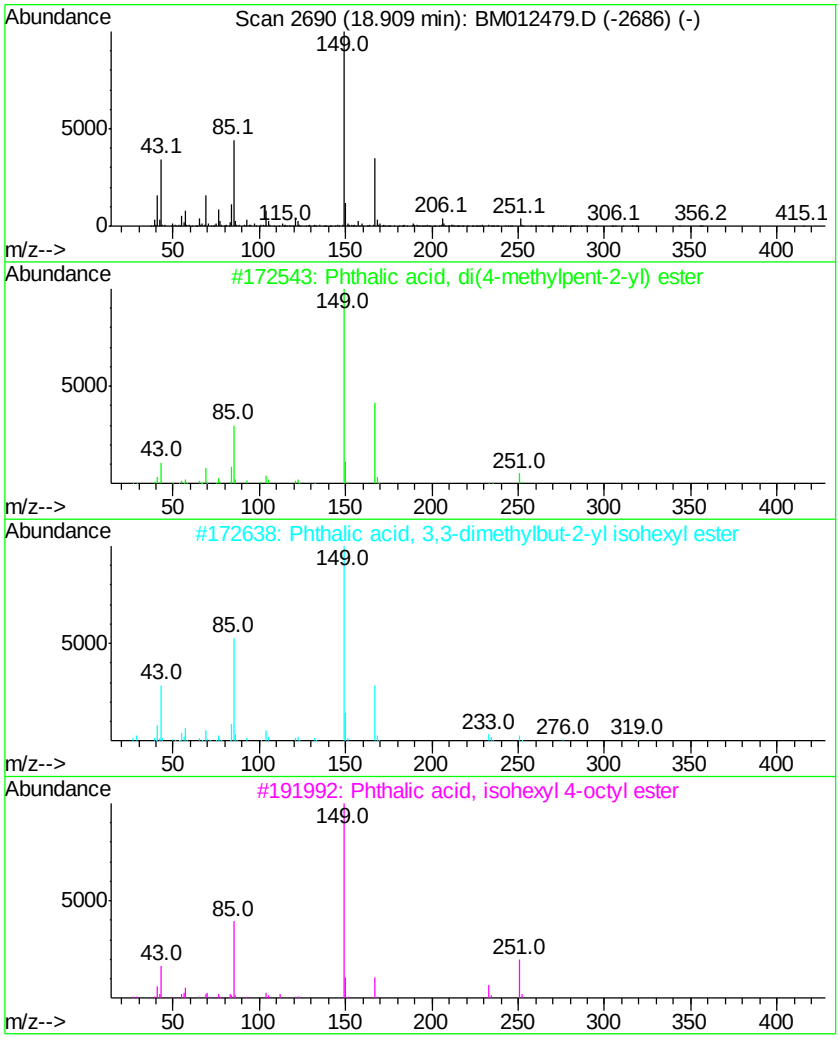
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

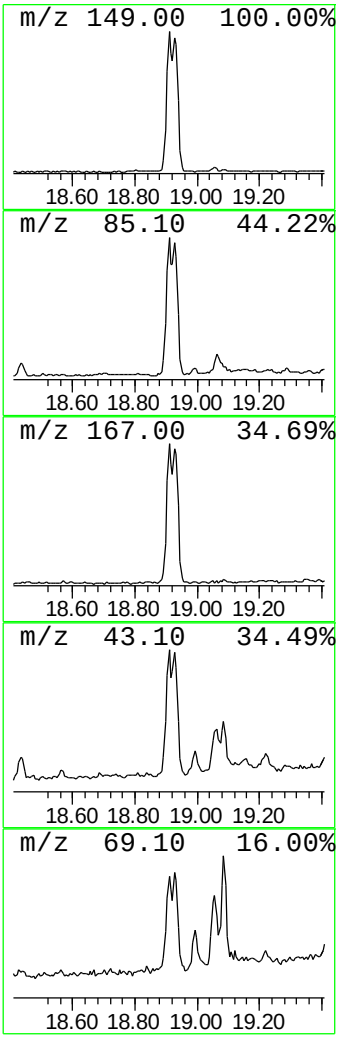
**********

Peak Number 7 Phthalic acid, di(4-methylp... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.91 | 3.87 ng/ul | 1134580 | Phenanthrene-d10 | 17.24 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phthalic acid, di(4-methylpent-2... | 334 | C20H30O4 | 1000356-88-6 | 91 |
| 2 | Phthalic acid, 3,3-dimethylbut-2... | 334 | C20H30O4 | 1000357-00-4 | 90 |
| 3 | Phthalic acid, isohexyl 4-octyl ... | 362 | C22H34O4 | 1000314-84-8 | 64 |
| 4 | Phthalic acid, isohexyl 4-methyl... | 334 | C20H30O4 | 1000356-87-5 | 64 |
| 5 | 2-(Heptyloxycarbonyl)benzoic acid | 264 | C15H20O4 | 1000373-67-7 | 60 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012479.D
Acq On : 27 Oct 2017 10:44
Operator : SJ/JU
Sample : I5786-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DUP-4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

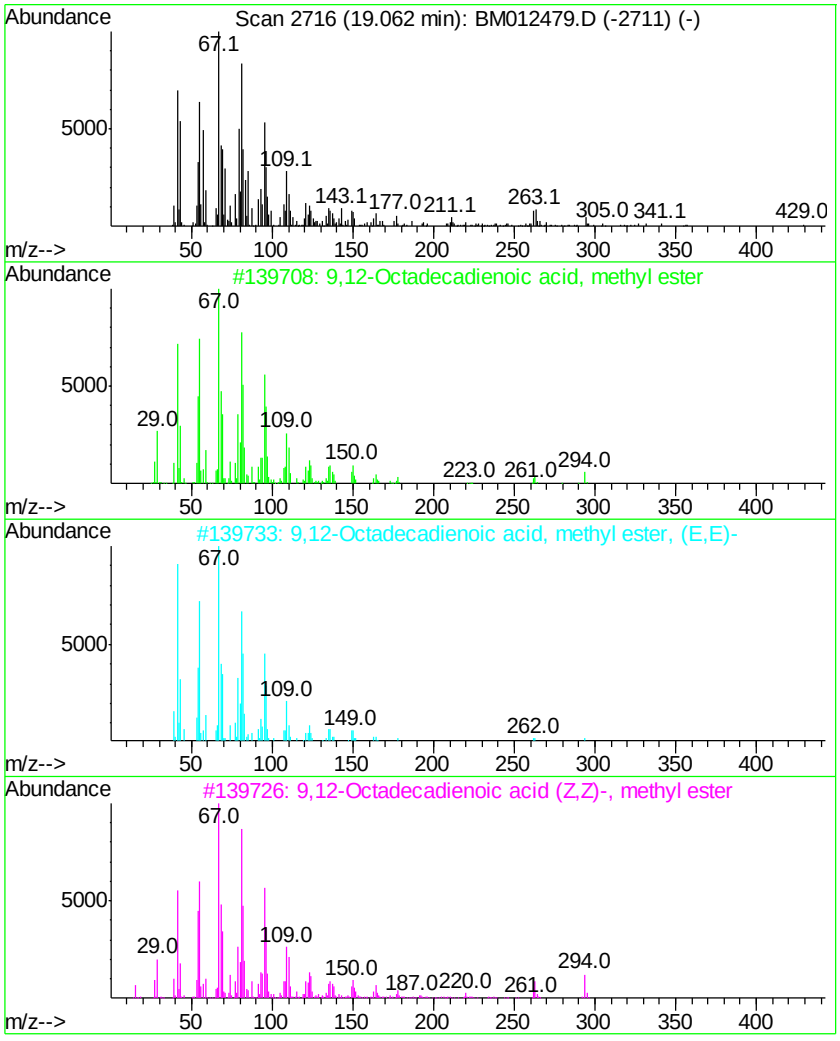
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

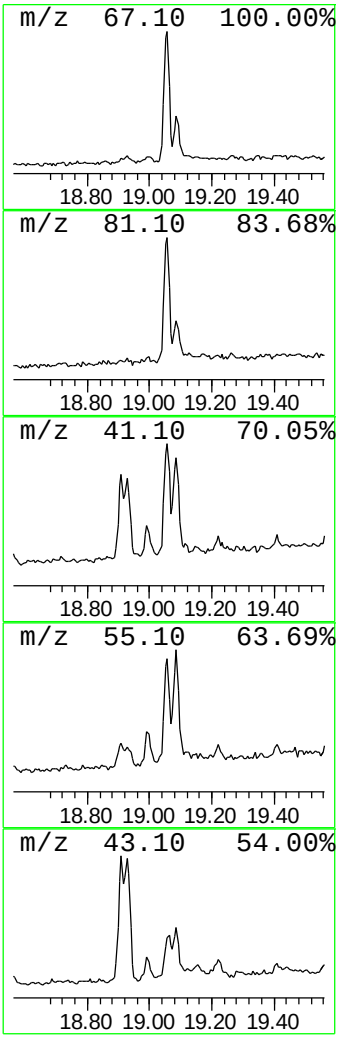
**********

Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.06 | 3.89 ng/ul | 1140870 | Phenanthrene-d10 | 17.24 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002462-85-3 | 99 |
| 2 | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002566-97-4 | 98 |
| 3 | 9,12-Octadecadienoic acid (Z,Z)-... | 294 | C19H34O2 | 000112-63-0 | 98 |
| 4 | 9,12-Octadecadienoic acid (Z,Z)-... | 294 | C19H34O2 | 000112-63-0 | 98 |
| 5 | 10,13-Octadecadienoic acid, meth... | 294 | C19H34O2 | 056554-62-2 | 97 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012479.D
Acq On : 27 Oct 2017 10:44
Operator : SJ/JU
Sample : I5786-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DUP-4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

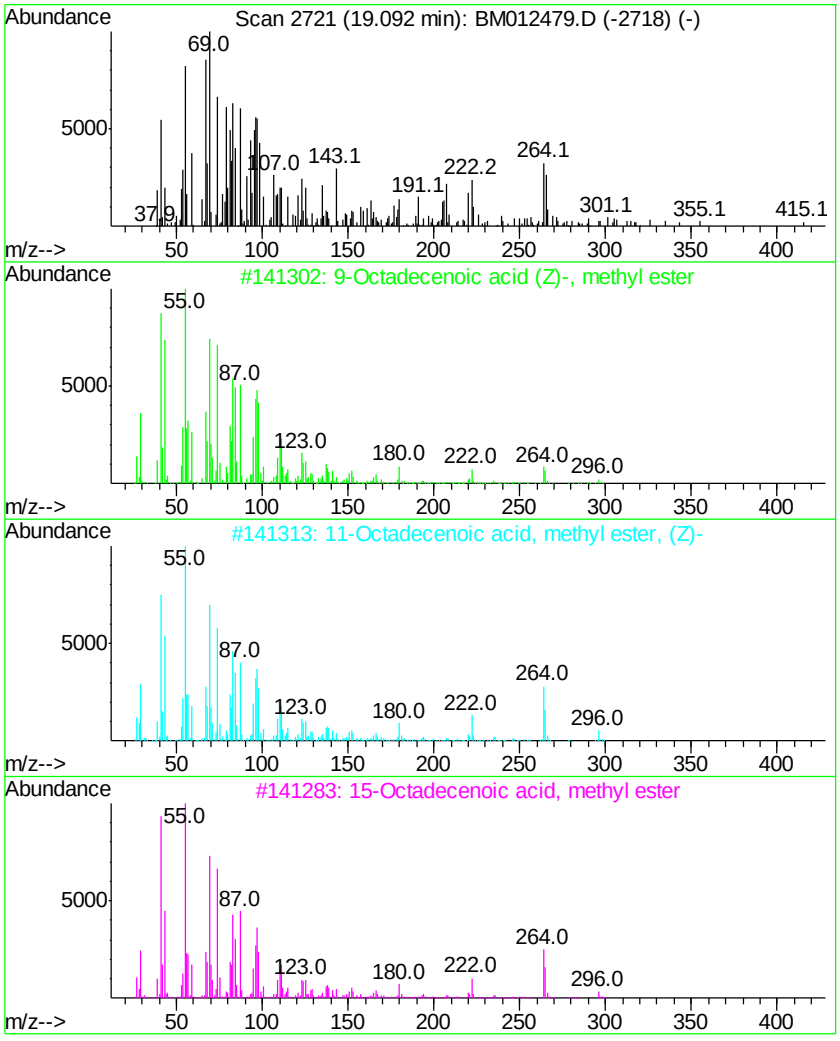
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

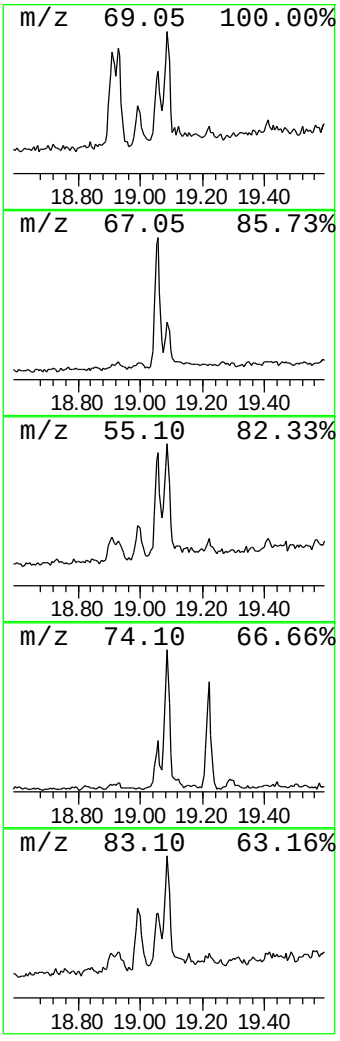
**********

Peak Number 9 9-Octadecenoic acid (Z)-, m... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.09 | 2.46 ng/ul | 721829 | Phenanthrene-d10 | 17.24 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9 | 98 |
| 2 | 11-Octadecenoic acid, methyl est... | 296 | C19H36O2 | 001937-63-9 | 98 |
| 3 | 15-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 004764-72-1 | 98 |
| 4 | 9-Octadecenoic acid, methyl este... | 296 | C19H36O2 | 001937-62-8 | 98 |
| 5 | 12-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-46-2 | 98 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012479.D
Acq On : 27 Oct 2017 10:44
Operator : SJ/JU
Sample : I5786-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DUP-4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

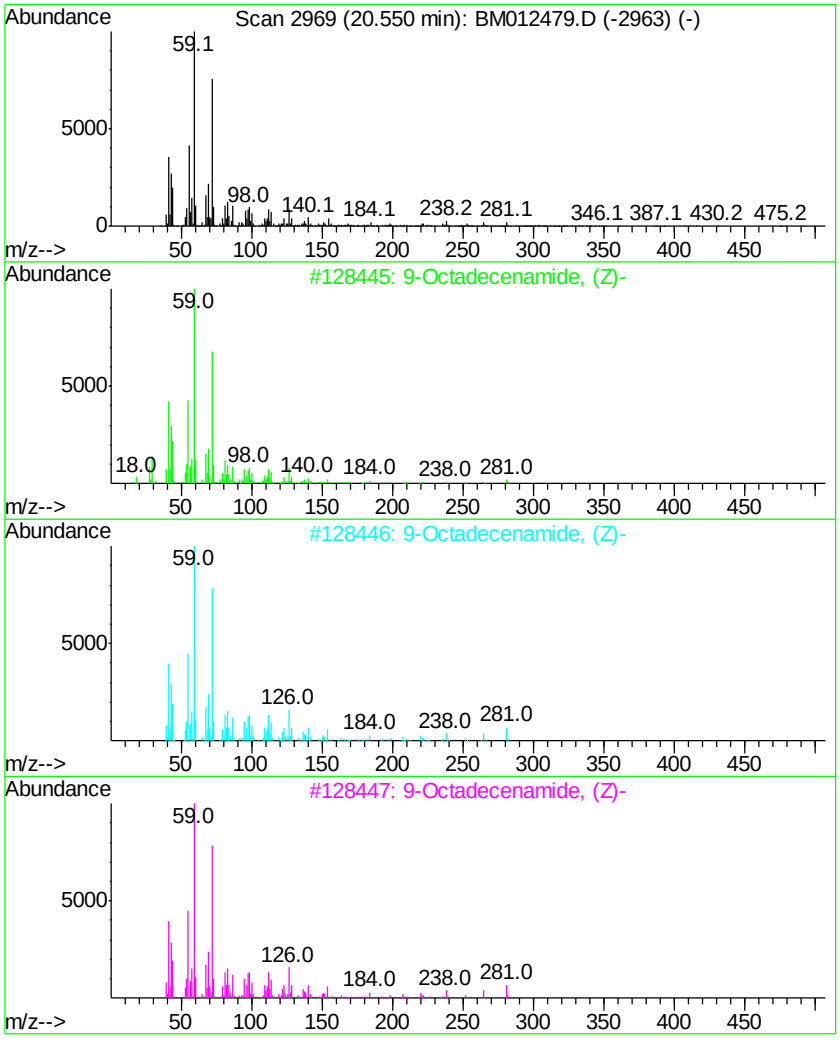
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

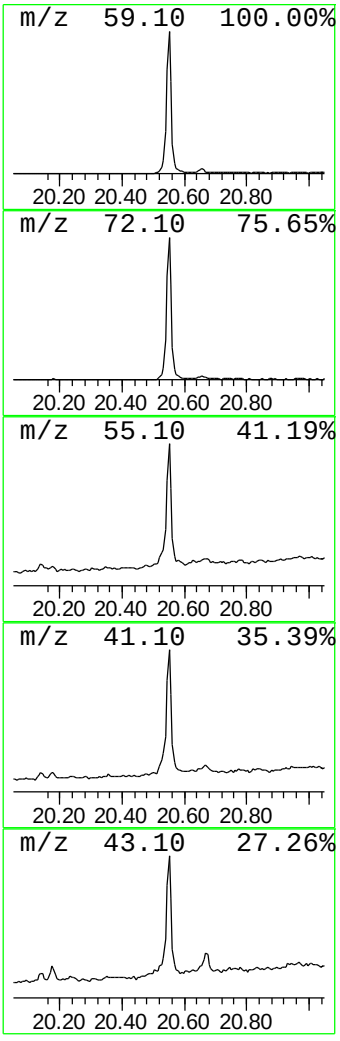
**********

Peak Number 10 9-Octadecenamide, (Z)- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.55 | 14.01 ng/ul | 4696570 | Chrysene-d12 | 21.41 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 99 |
| 2 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 97 |
| 3 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 97 |
| 4 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 90 |
| 5 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 86 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012479.D
Acq On : 27 Oct 2017 10:44
Operator : SJ/JU
Sample : I5786-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DUP-4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

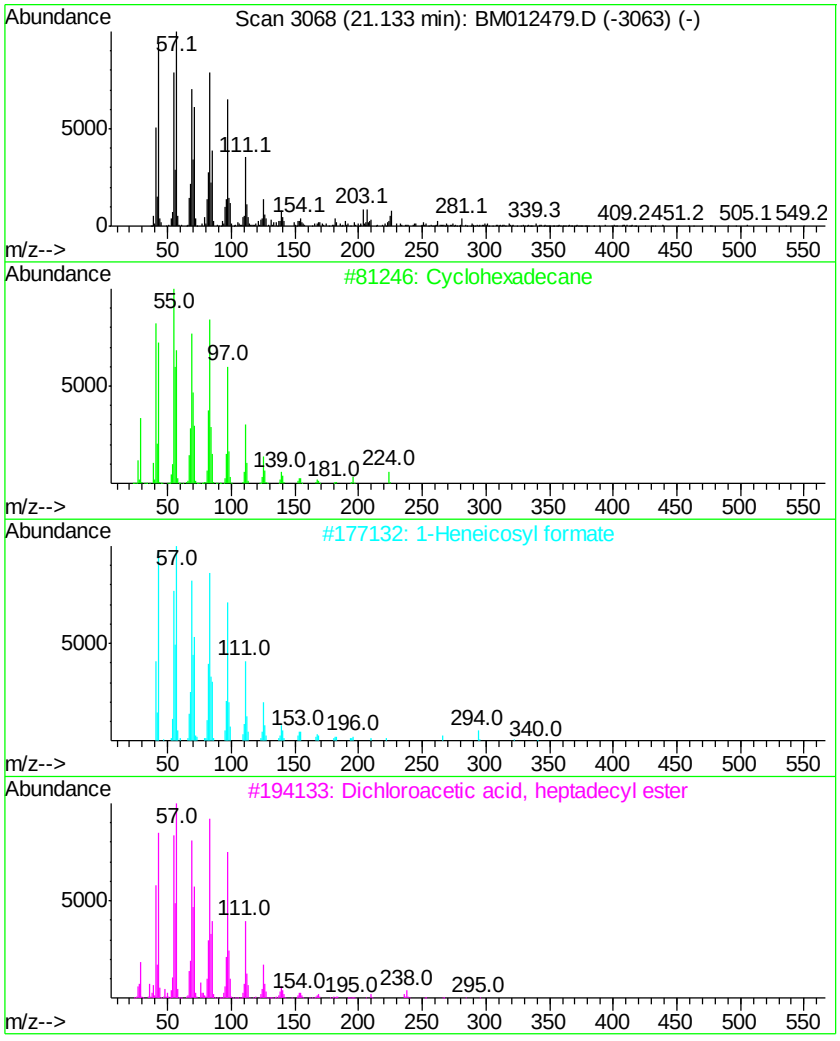
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

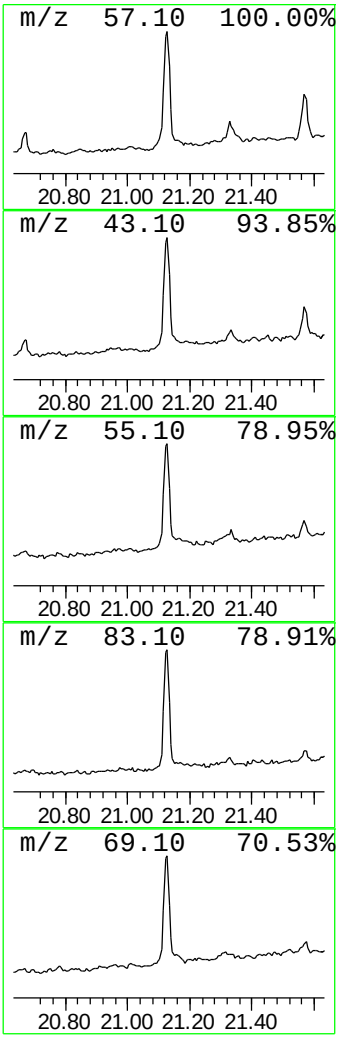
**********

Peak Number 11 (DEL) Alkane: Cyclic21.13 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.13 | 8.47 ng/ul | 2839910 | Chrysene-d12 | 21.41 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 98 |
| 2 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 94 |
| 3 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 94 |
| 4 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 94 |
| 5 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |



# Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102717\
Data File : BM012479.D
Acq On : 27 Oct 2017 10:44
Operator : SJ/JU
Sample : I5786-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** DUP-4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-hy... | 5.00 | 6.3 | ng/ul | 1030710 | 1 | 7.87 | 3258510 | 20.0 |
| Benzene, 1,3-dime... | 5.53 | 6.4 | ng/ul | 1038970 | 1 | 7.87 | 3258510 | 20.0 |
| Benzene, 1,2,3-tr... | 7.52 | 2.1 | ng/ul | 344211 | 1 | 7.87 | 3258510 | 20.0 |
| (DEL) Alkane: Str... | 9.10 | 2.1 | ng/ul | 347554 | 1 | 7.87 | 3258510 | 20.0 |
| Benzophenone | 15.86 | 2.5 | ng/ul | 641532 | 3 | 14.50 | 5088740 | 20.0 |
| Phthalic acid, di... | 18.91 | 3.9 | ng/ul | 1134580 | 4 | 17.24 | 5865160 | 20.0 |
| 9,12-Octadecadien... | 19.06 | 3.9 | ng/ul | 1140870 | 4 | 17.24 | 5865160 | 20.0 |
| 9-Octadecenoic ac... | 19.09 | 2.5 | ng/ul | 721829 | 4 | 17.24 | 5865160 | 20.0 |
| 9-Octadecenamide,... | 20.55 | 14.0 | ng/ul | 4696570 | 5 | 21.41 | 6702290 | 20.0 |
| (DEL) Alkane: Cyc... | 21.13 | 8.5 | ng/ul | 2839910 | 5 | 21.41 | 6702290 | 20.0 |