LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** X2J25

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\SOM-EPA-BM102319MA.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 | 3.157 | 26 | 29 | 34 | rVB | 71495 | 93214 | 0.22% | 0.024% |
| 2 | 4.199 | 201 | 206 | 213 | rBV | 554573 | 788918 | 1.86% | 0.203% |
| 3 | 4.393 | 236 | 239 | 246 | rVB | 113071 | 184162 | 0.43% | 0.047% |
| 4 | 4.787 | 302 | 306 | 316 | rVB | 534379 | 775155 | 1.82% | 0.200% |
| 5 | 6.775 | 637 | 644 | 648 | rBV | 4528470 | 7516644 | 17.70% | 1.936% |
| 6 | 6.810 | 648 | 650 | 663 | rVB | 1667518 | 2207055 | 5.20% | 0.568% |
| 7 | 6.975 | 672 | 678 | 691 | rVB | 1110345 | 1813985 | 4.27% | 0.467% |
| 8 | 7.169 | 704 | 711 | 713 | rBV | 1640778 | 2709183 | 6.38% | 0.698% |
| 9 | 7.198 | 713 | 716 | 724 | rVB | 3624855 | 5426025 | 12.77% | 1.397% |
| 10 | 7.634 | 783 | 790 | 798 | rVB | 1545785 | 2503726 | 5.89% | 0.645% |
| 11 | 8.339 | 901 | 910 | 915 | rBV | 1763969 | 2782917 | 6.55% | 0.717% |
| 12 | 8.398 | 915 | 920 | 924 | rVV | 2025074 | 3116457 | 7.34% | 0.803% |
| 13 | 8.451 | 924 | 929 | 939 | rVB | 3864493 | 6114625 | 14.40% | 1.575% |
| 14 | 8.704 | 965 | 972 | 979 | rBV | 2652202 | 4390083 | 10.34% | 1.131% |
| 15 | 8.781 | 979 | 985 | 994 | rVB | 1431667 | 2369512 | 5.58% | 0.610% |
| 16 | 9.251 | 1059 | 1065 | 1073 | rVB | 62297 | 102927 | 0.24% | 0.027% |
| 17 | 9.498 | 1100 | 1107 | 1114 | rBV | 1125570 | 1818906 | 4.28% | 0.468% |
| 18 | 10.063 | 1191 | 1203 | 1216 | rBV2 | 4913899 | 10879092 | 25.61% | 2.802% |
| 19 | 10.410 | 1254 | 1262 | 1266 | rBV | 2113740 | 3641129 | 8.57% | 0.938% |
| 20 | 10.463 | 1266 | 1271 | 1278 | rVV | 6065676 | 9913074 | 23.34% | 2.553% |
| 21 | 10.545 | 1278 | 1285 | 1297 | rVV | 1680811 | 2984034 | 7.03% | 0.769% |
| 22 | 11.339 | 1414 | 1420 | 1441 | rBV | 253443 | 778891 | 1.83% | 0.201% |
| 23 | 11.957 | 1517 | 1525 | 1531 | rBV4 | 82223 | 164574 | 0.39% | 0.042% |
| 24 | 12.010 | 1531 | 1534 | 1538 | rVB | 35173 | 51006 | 0.12% | 0.013% |
| 25 | 12.086 | 1538 | 1547 | 1554 | rBV | 7146065 | 11671229 | 27.48% | 3.006% |
| 26 | 12.198 | 1560 | 1566 | 1576 | rVB7 | 26971 | 66040 | 0.16% | 0.017% |
| 27 | 12.304 | 1576 | 1584 | 1590 | rBV | 85212 | 144198 | 0.34% | 0.037% |
| 28 | 12.751 | 1655 | 1660 | 1666 | rBV | 62342 | 106468 | 0.25% | 0.027% |
| 29 | 13.098 | 1714 | 1719 | 1721 | rBV4 | 60434 | 91157 | 0.21% | 0.023% |
| 30 | 13.145 | 1721 | 1727 | 1734 | rVB | 7549942 | 11720195 | 27.59% | 3.018% |
| 31 | 13.698 | 1814 | 1821 | 1825 | rVV | 3332706 | 4602447 | 10.84% | 1.185% |
| 32 | 13.745 | 1825 | 1829 | 1837 | rVV | 874301 | 1223370 | 2.88% | 0.315% |
| 33 | 13.969 | 1860 | 1867 | 1875 | rBV | 3874908 | 5684434 | 13.38% | 1.464% |
| 34 | 14.280 | 1912 | 1920 | 1925 | rBV | 3194431 | 4693080 | 11.05% | 1.209% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** X2J25

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\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 14.345 | 1925 | 1931 | 1938 | rVB | 5466257 | 7876329 | 18.54% | 2.028% |
| 36 | 14.480 | 1948 | 1954 | 1970 | rBV | 1468903 | 2152683 | 5.07% | 0.554% |
| 37 | 14.716 | 1990 | 1994 | 2000 | rVB8 | 51705 | 85829 | 0.20% | 0.022% |
| 38 | 15.168 | 2066 | 2071 | 2075 | rVV2 | 40363 | 53441 | 0.13% | 0.014% |
| 39 | 15.274 | 2083 | 2089 | 2094 | rBV | 5003628 | 7128342 | 16.78% | 1.836% |
| 40 | 15.333 | 2094 | 2099 | 2105 | rVV | 6277190 | 8655092 | 20.38% | 2.229% |
| 41 | 15.410 | 2105 | 2112 | 2124 | rVV3 | 3701837 | 6126721 | 14.42% | 1.578% |
| 42 | 15.515 | 2124 | 2130 | 2134 | rVV2 | 76132 | 140094 | 0.33% | 0.036% |
| 43 | 16.445 | 2283 | 2288 | 2292 | rBV4 | 83512 | 123484 | 0.29% | 0.032% |
| 44 | 16.510 | 2292 | 2299 | 2303 | rBV | 7142869 | 9489909 | 22.34% | 2.444% |
| 45 | 16.545 | 2303 | 2305 | 2309 | rVB2 | 106625 | 110220 | 0.26% | 0.028% |
| 46 | 16.845 | 2348 | 2356 | 2361 | rVB | 139553 | 240646 | 0.57% | 0.062% |
| 47 | 17.027 | 2380 | 2387 | 2390 | rBV2 | 3812683 | 5603432 | 13.19% | 1.443% |
| 48 | 17.068 | 2390 | 2394 | 2399 | rVV | 8953808 | 13215491 | 31.11% | 3.404% |
| 49 | 17.121 | 2399 | 2403 | 2412 | rVB | 5363029 | 7455877 | 17.55% | 1.920% |
| 50 | 17.280 | 2426 | 2430 | 2435 | rVB5 | 42302 | 74250 | 0.17% | 0.019% |
| 51 | 17.427 | 2448 | 2455 | 2466 | rBV | 12152698 | 16730321 | 39.39% | 4.309% |
| 52 | 17.951 | 2538 | 2544 | 2551 | rBV | 652890 | 1054643 | 2.48% | 0.272% |
| 53 | 18.009 | 2552 | 2554 | 2558 | rVB | 69480 | 96033 | 0.23% | 0.025% |
| 54 | 18.251 | 2590 | 2595 | 2604 | rBV2 | 205310 | 330559 | 0.78% | 0.085% |
| 55 | 18.892 | 2701 | 2704 | 2708 | rVB3 | 59227 | 66162 | 0.16% | 0.017% |
| 56 | 19.056 | 2728 | 2732 | 2735 | rBV | 92843 | 119466 | 0.28% | 0.031% |
| 57 | 19.233 | 2758 | 2762 | 2771 | rBV2 | 236046 | 402975 | 0.95% | 0.104% |
| 58 | 19.333 | 2772 | 2779 | 2782 | rVB2 | 123778 | 259619 | 0.61% | 0.067% |
| 59 | 19.421 | 2788 | 2794 | 2796 | rBV2 | 6567688 | 9176000 | 21.60% | 2.363% |
| 60 | 19.451 | 2796 | 2799 | 2806 | rVB | 13748888 | 18217960 | 42.89% | 4.692% |
| 61 | 20.374 | 2951 | 2956 | 2961 | rBV | 10365027 | 11904828 | 28.03% | 3.066% |
| 62 | 20.503 | 2976 | 2978 | 2982 | rBV | 127902 | 108005 | 0.25% | 0.028% |
| 63 | 20.909 | 3043 | 3047 | 3051 | rBV | 333023 | 578371 | 1.36% | 0.149% |
| 64 | 20.962 | 3052 | 3056 | 3061 | rVV3 | 1632855 | 2429546 | 5.72% | 0.626% |
| 65 | 21.009 | 3061 | 3064 | 3070 | rVB | 589449 | 752450 | 1.77% | 0.194% |
| 66 | 21.162 | 3085 | 3090 | 3094 | rBV | 11859561 | 13223620 | 31.13% | 3.406% |
| 67 | 21.215 | 3094 | 3099 | 3105 | rVB | 5119527 | 6463103 | 15.22% | 1.665% |
| 68 | 21.403 | 3127 | 3131 | 3137 | rBV | 1836260 | 2022762 | 4.76% | 0.521% |
| 69 | 21.833 | 3200 | 3204 | 3211 | rBV | 3232113 | 4082747 | 9.61% | 1.051% |
| 70 | 22.292 | 3277 | 3282 | 3290 | rBV | 4957796 | 6761523 | 15.92% | 1.741% |
| 71 | 22.797 | 3362 | 3368 | 3382 | rVB | 6011345 | 9271573 | 21.83% | 2.388% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** X2J25

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\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 23.274 | 3443 | 3449 | 3456 | rVB | 5802702 | 10005529 | 23.56% | 2.577% |
| 73 | 23.356 | 3457 | 3463 | 3468 | rVV | 6332438 | 10671737 | 25.12% | 2.748% |
| 74 | 23.409 | 3468 | 3472 | 3485 | rVB2 | 3654064 | 6972207 | 16.41% | 1.796% |
| 75 | 23.997 | 3565 | 3572 | 3581 | rBV | 4807874 | 9410411 | 22.15% | 2.424% |
| 76 | 24.733 | 3690 | 3697 | 3709 | rVB | 2948473 | 6621768 | 15.59% | 1.705% |
| 77 | 25.627 | 3837 | 3849 | 3861 | rVB2 | 13488074 | 42475982 | 100.00% | 10.939% |
| 78 | 26.291 | 3952 | 3962 | 3976 | rVB | 5666076 | 16417373 | 38.65% | 4.228% |

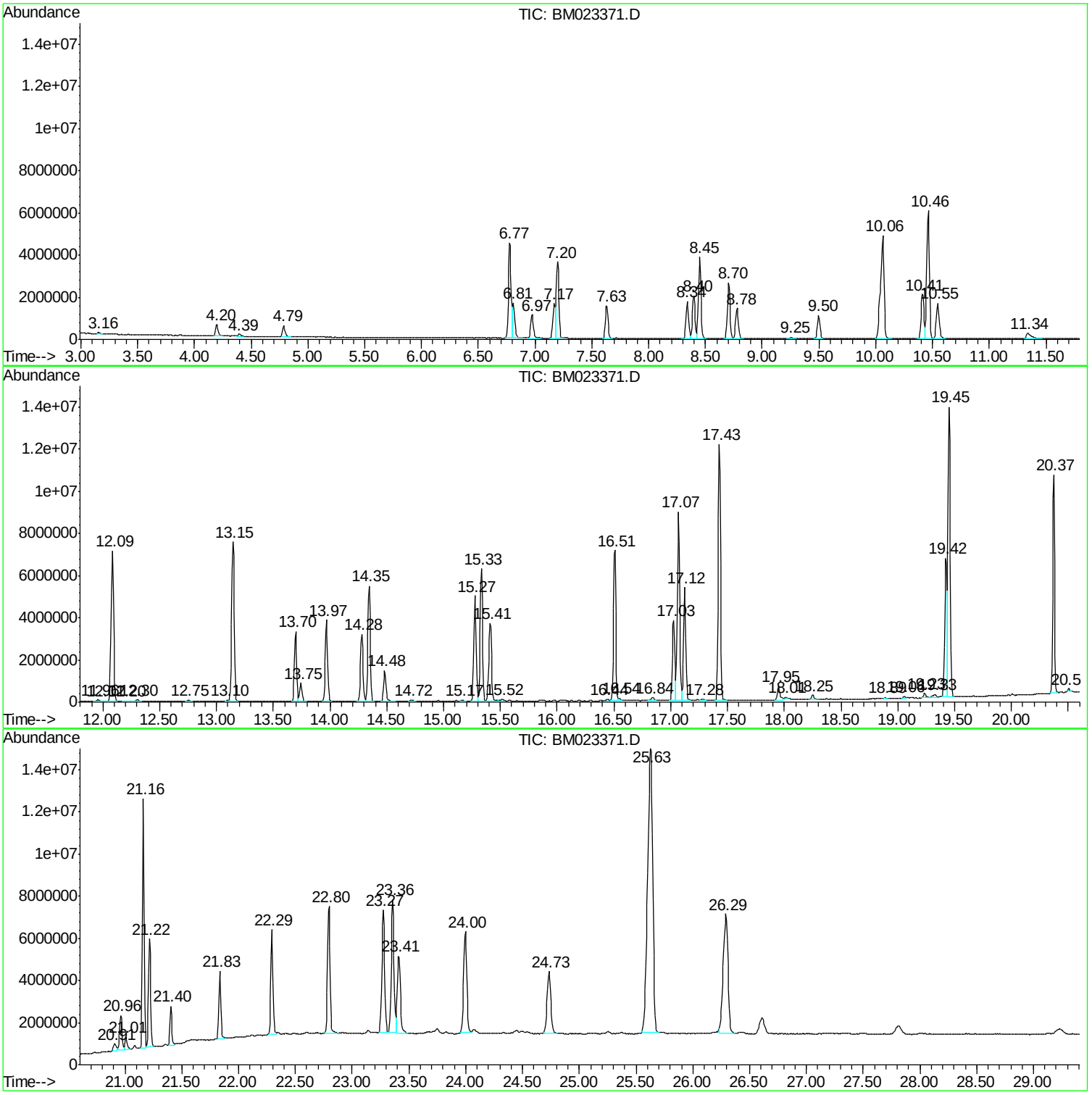
Sum of corrected areas: 388287025

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
X2J25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** X2J25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

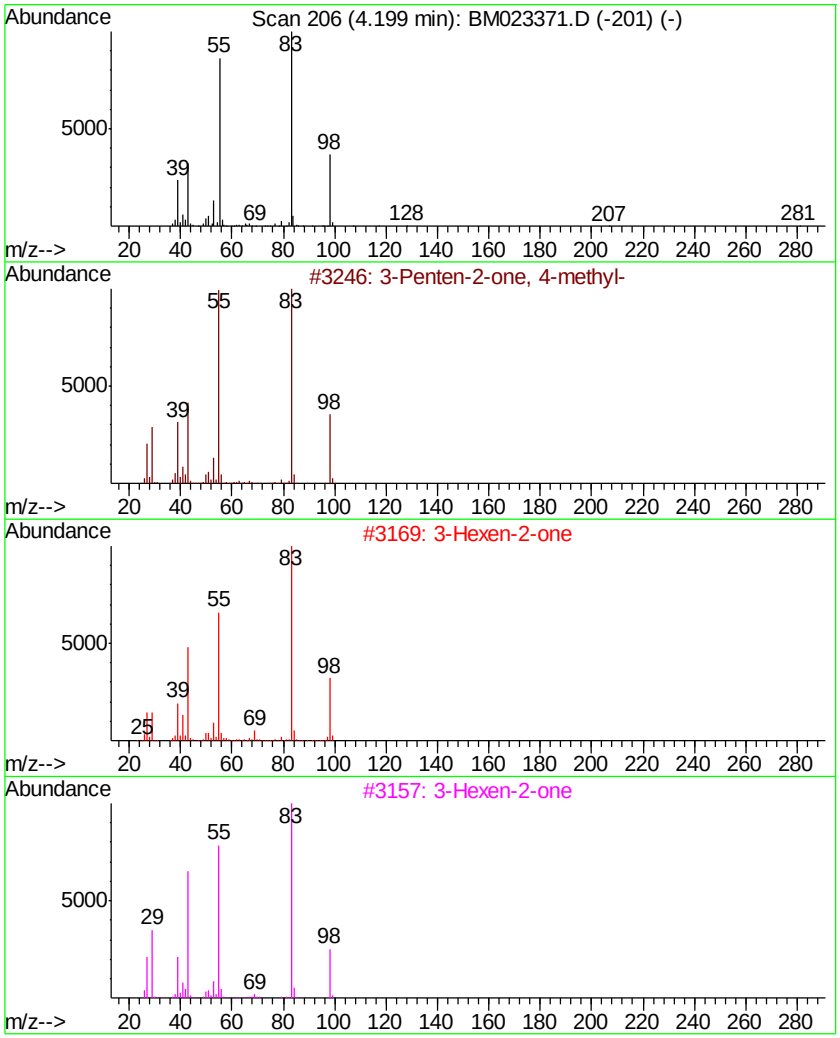
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

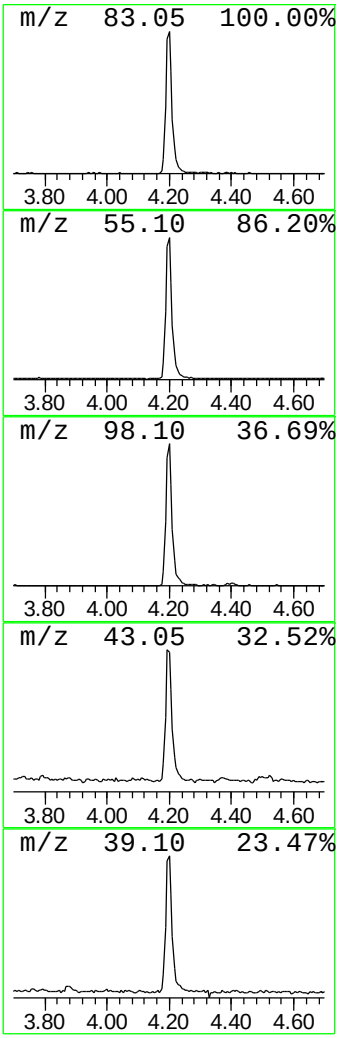
**********

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.20 | 6.30 ng/ul | 788918 | 1,4-Dichlorobenzene-d4 | 7.63 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Penten-2-one, 4-methyl- | 98 | C6H10O | 000141-79-7 | 91 |
| 2 | 3-Hexen-2-one | 98 | C6H10O | 000763-93-9 | 91 |
| 3 | 3-Hexen-2-one | 98 | C6H10O | 000763-93-9 | 90 |
| 4 | 2-Pentene, 3,4-dimethyl-, (E)- | 98 | C7H14 | 004914-92-5 | 90 |
| 5 | 3-Hexen-2-one | 98 | C6H10O | 000763-93-9 | 86 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** X2J25

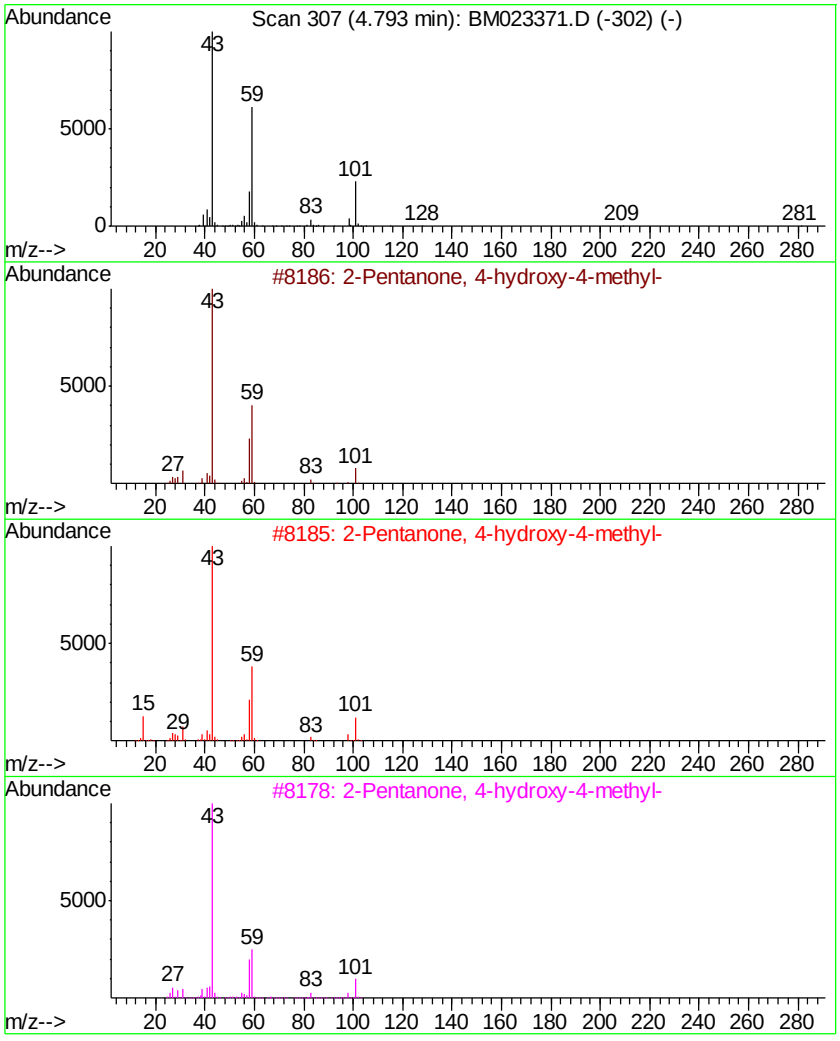
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

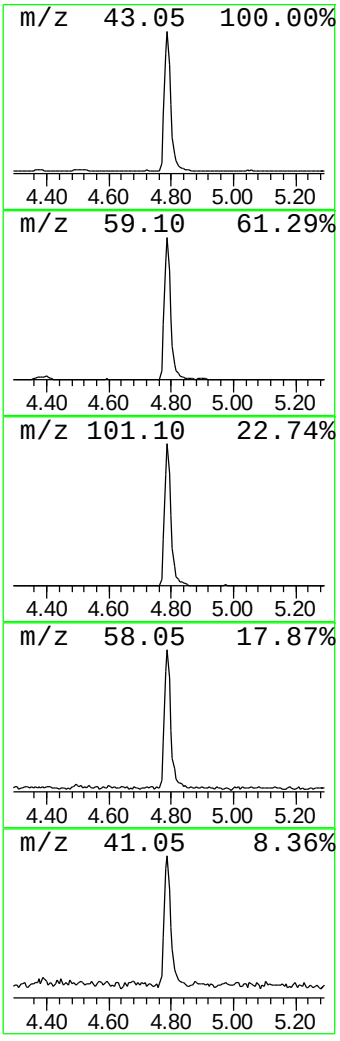
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.79 | 6.19 ng/ul | 775155 | 1,4-Dichlorobenzene-d4 | 7.63 |

| 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-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 38 |
| 4 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17 |
| 5 | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 9 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** X2J25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

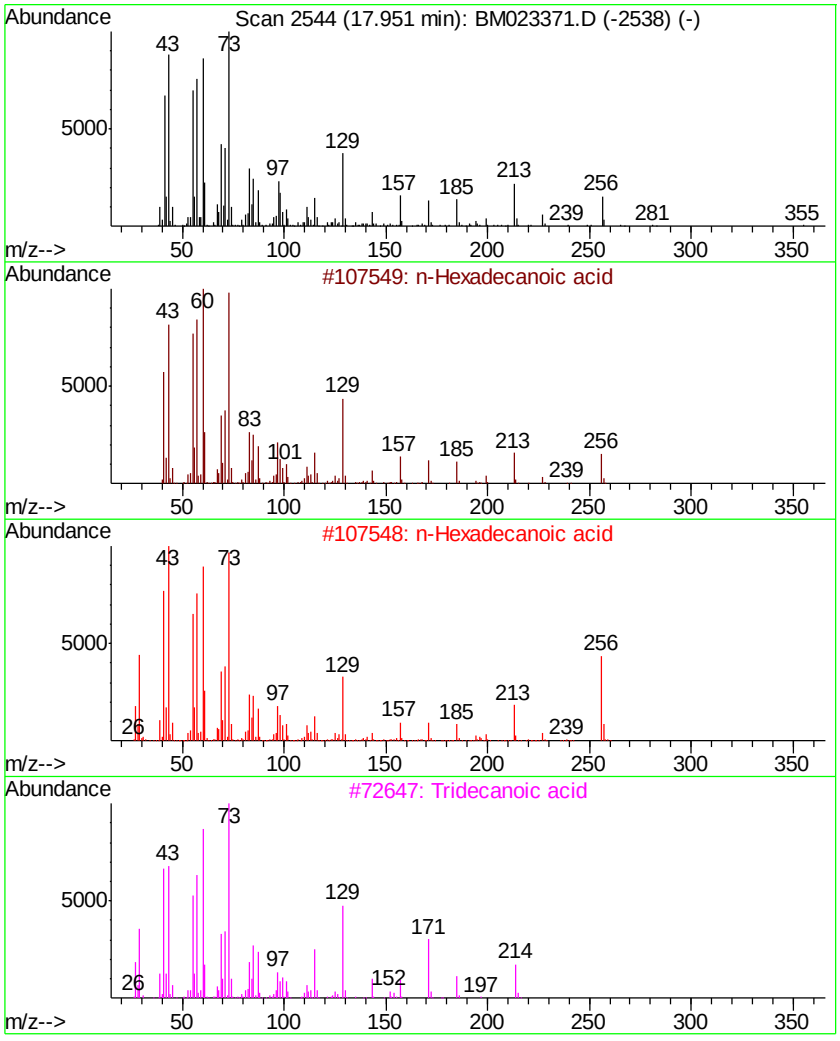
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

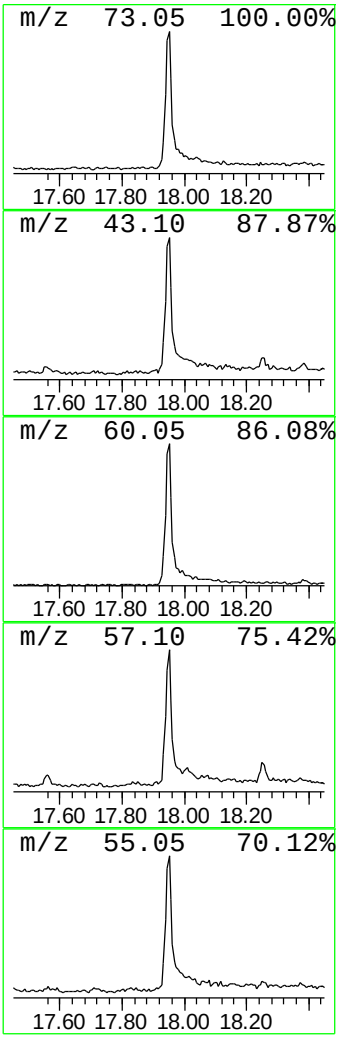
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.95 | 3.76 ng/ul | 1054640 | Phenanthrene-d10 | 17.03 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 94 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 91 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 87 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** X2J25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

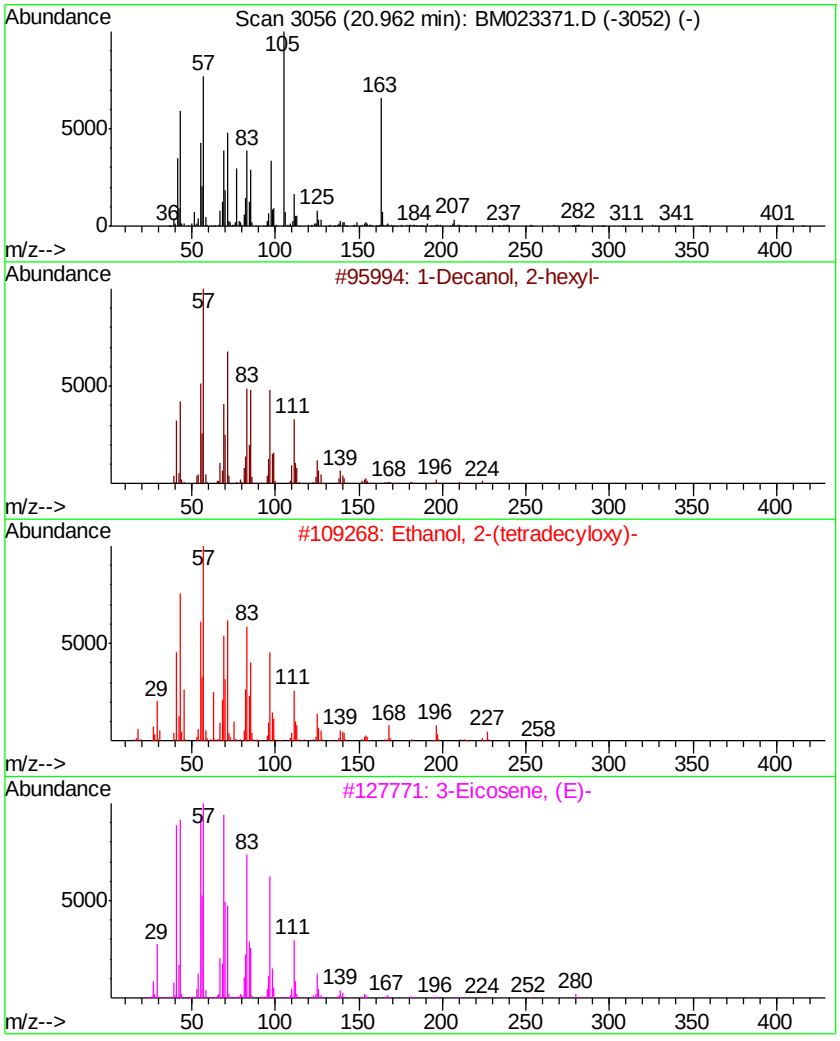
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

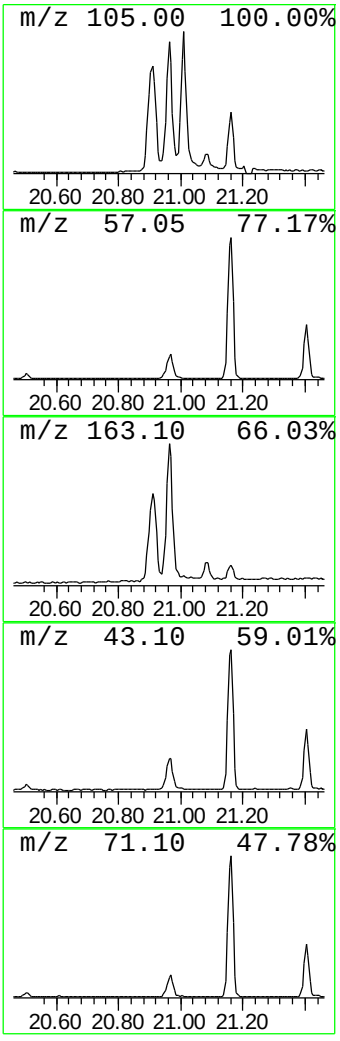
**********

Peak Number 4 1-Decanol, 2-hexyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.96 | 7.52 ng/ul | 2429550 | Chrysene-d12 | 21.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Decanol, 2-hexyl- | 242 | C16H34O | 002425-77-6 | 64 |
| 2 | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1 | 64 |
| 3 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 60 |
| 4 | Oxalic acid, isobutyl heptadecyl... | 384 | C23H44O4 | 1000309-38-2 | 58 |
| 5 | Oxalic acid, isobutyl pentadecyl... | 356 | C21H40O4 | 1000309-38-0 | 58 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** X2J25

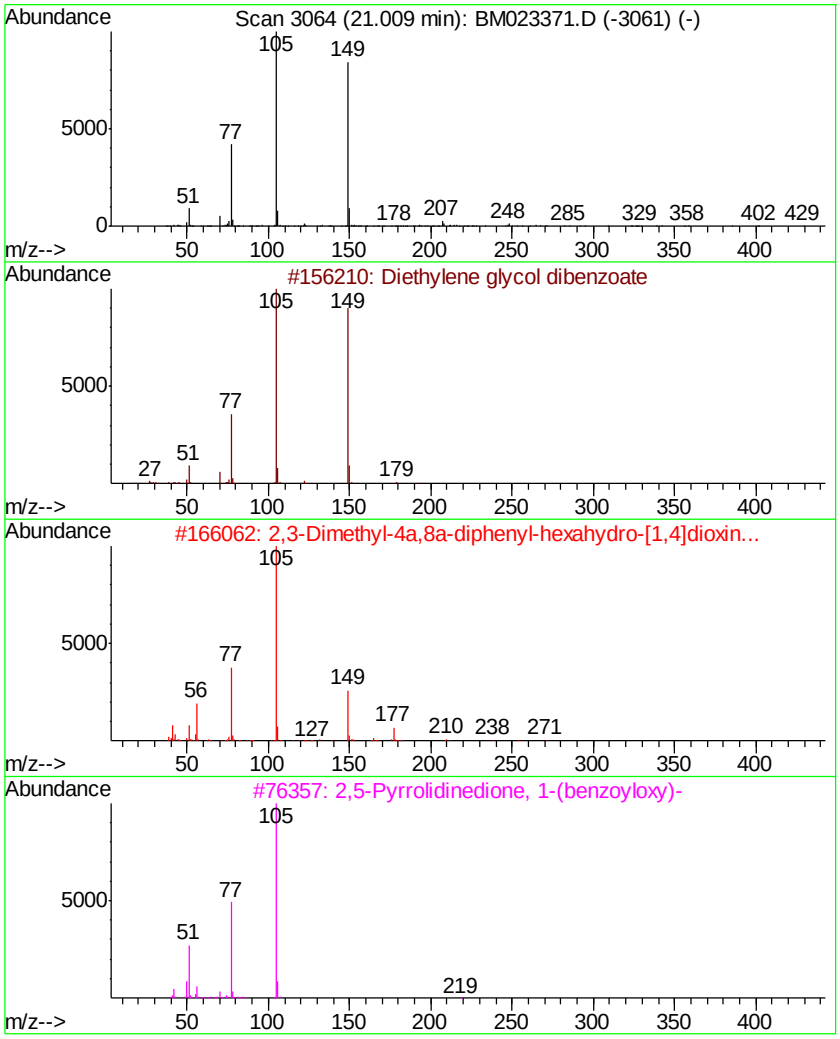
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

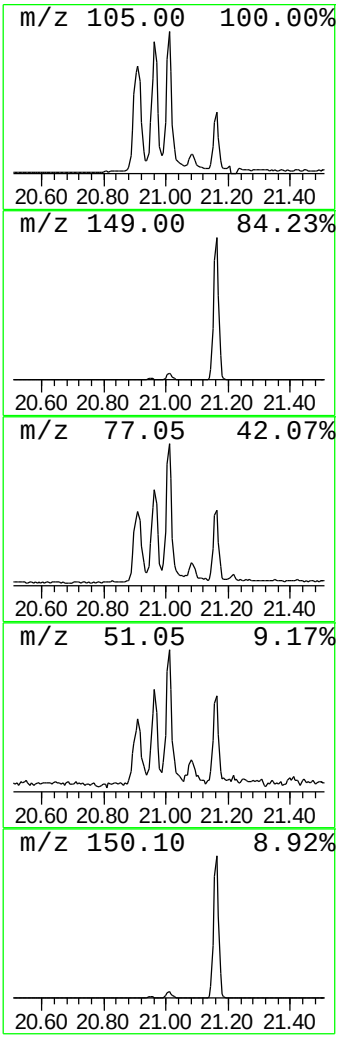
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Diethylene glycol dibenzoate Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.01 | 2.33 ng/ul | 752450 | Chrysene-d12 | 21.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Diethylene glycol dibenzoate | 314 | C18H18O5 | 000120-55-8 | 90 |
| 2 | 2,3-Dimethyl-4a,8a-diphenyl-hexa... | 326 | C20H22O4 | 1000297-07-0 | 43 |
| 3 | 2,5-Pyrrolidinedione, 1-(benzoyl... | 219 | C11H9NO4 | 023405-15-4 | 35 |
| 4 | 1,2-Bis(benzoyloxy)benzene | 318 | C20H14O4 | 000643-94-7 | 35 |
| 5 | Benzoic acid, phenyl ester | 198 | C13H10O2 | 000093-99-2 | 35 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** X2J25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

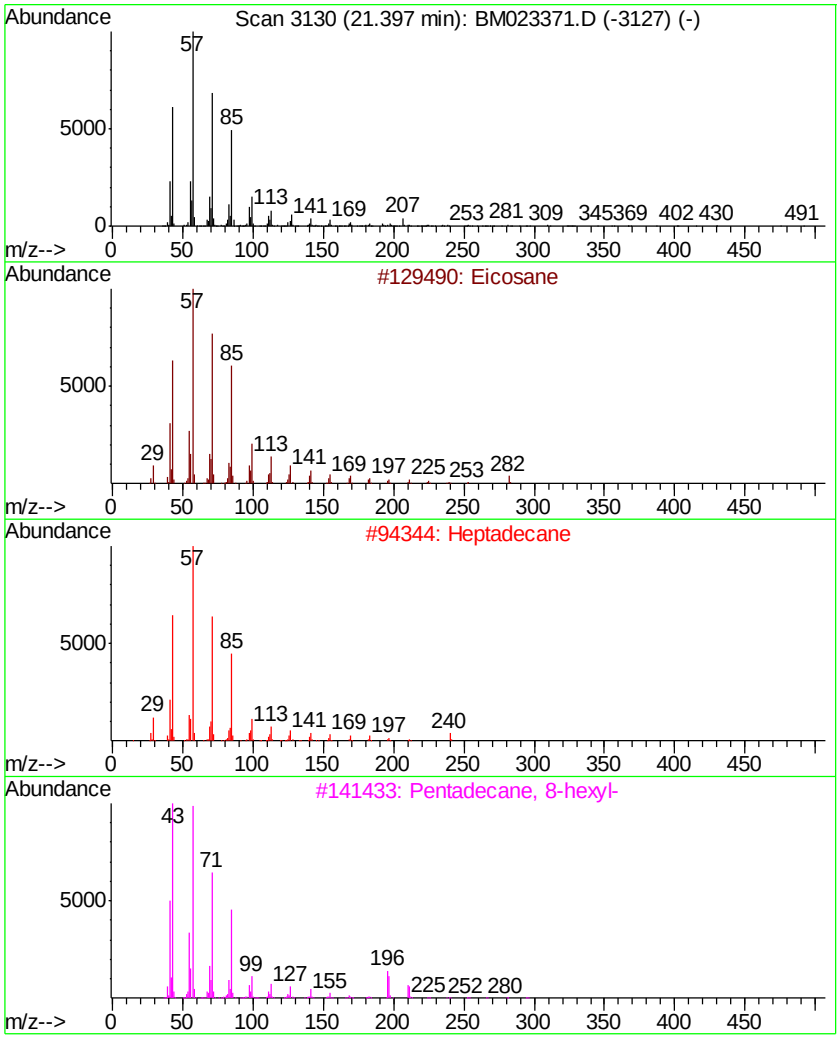
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

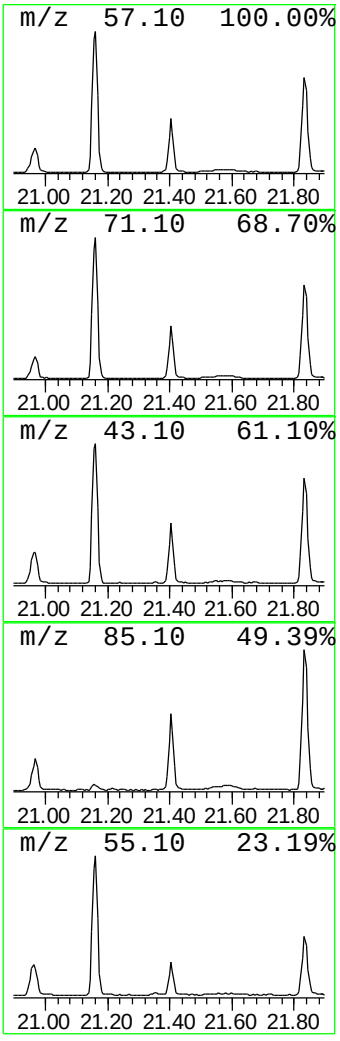
**********

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.40 | 6.26 ng/ul | 2022760 | Chrysene-d12 | 21.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 97 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 94 |
| 3 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 94 |
| 4 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 93 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** X2J25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

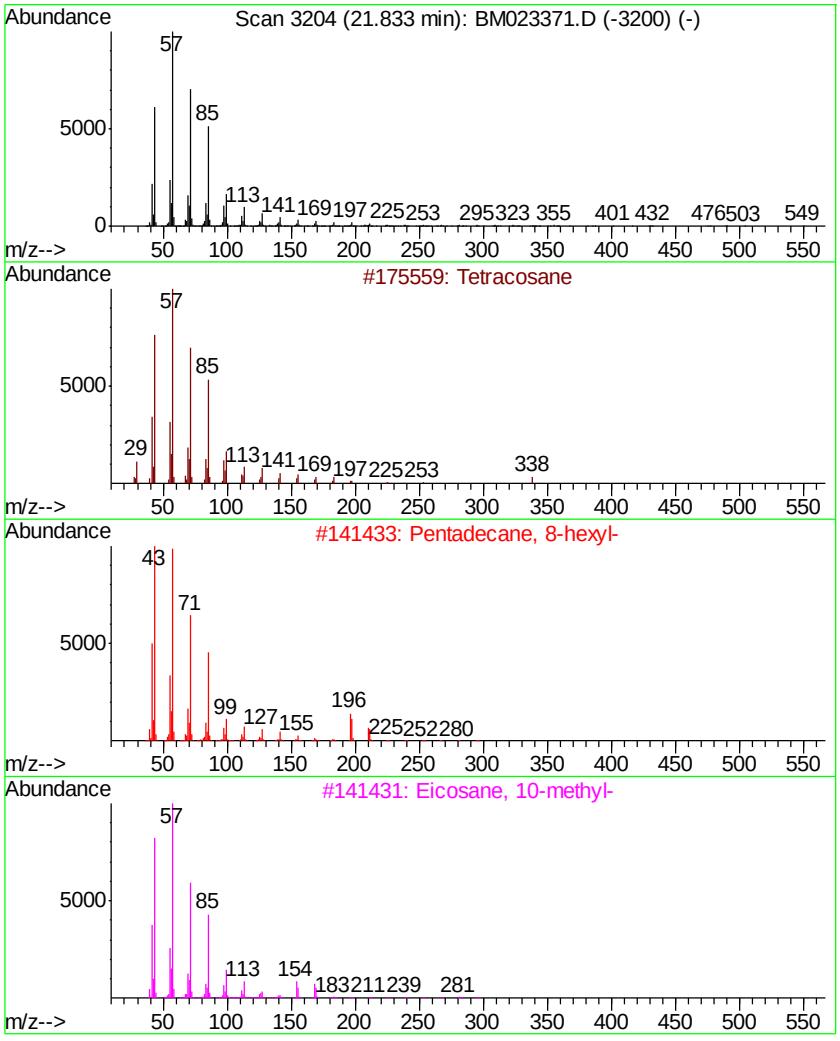
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

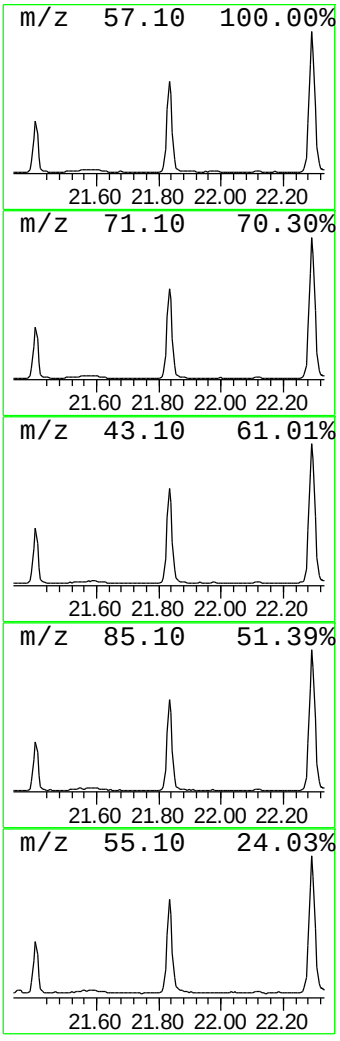
**********

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.83 | 12.63 ng/ul | 4082750 | Chrysene-d12 | 21.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 98 |
| 2 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 94 |
| 3 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 94 |
| 4 | Heptadecane, 9-hexyl- | 324 | C23H48 | 055124-79-3 | 94 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** X2J25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

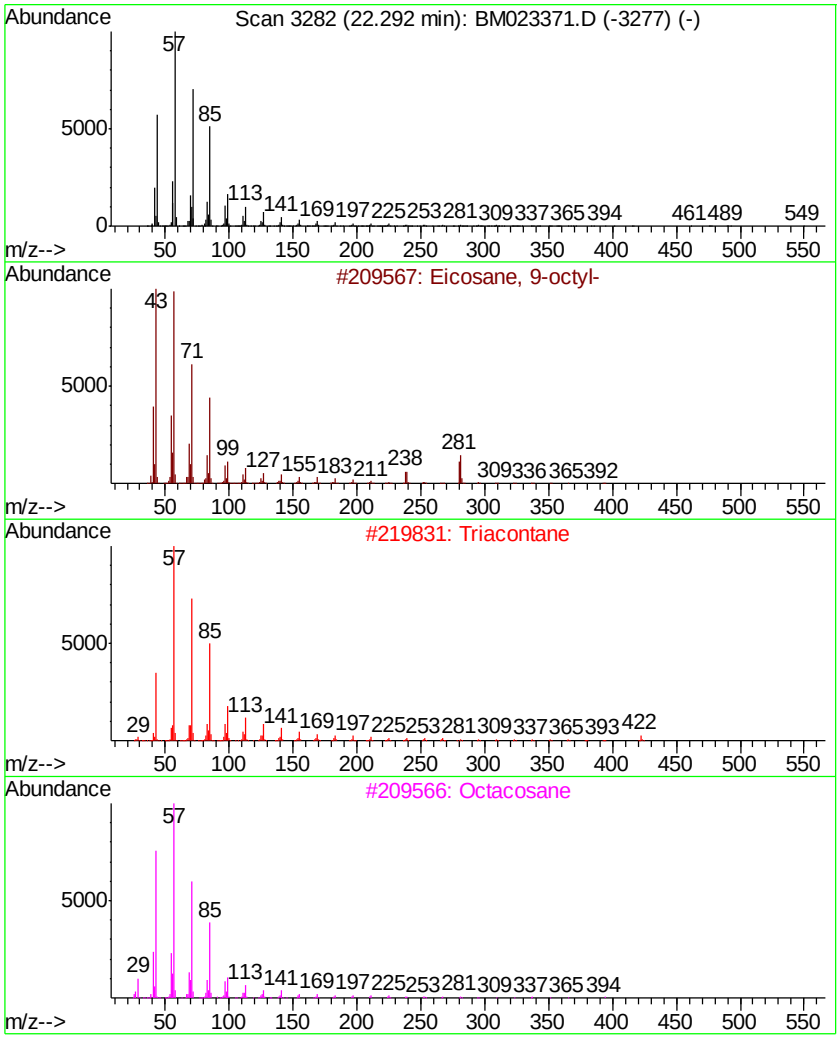
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

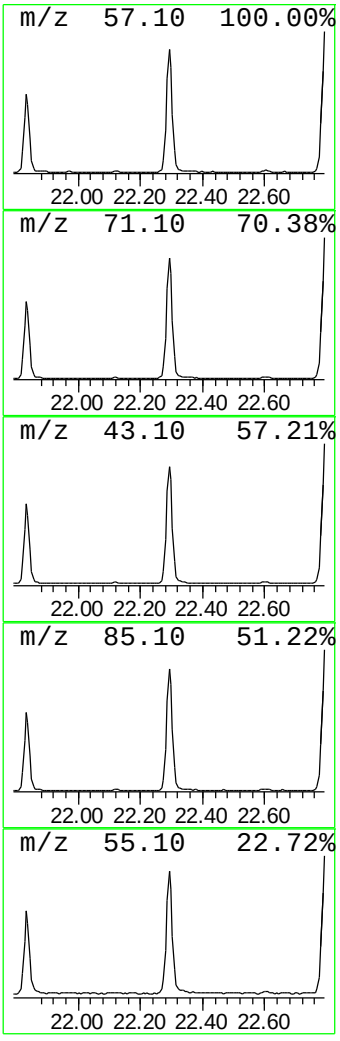
**********

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.29 | 20.92 ng/ul | 6761520 | Chrysene-d12 | 21.22 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 9-octyl- | 394 | C28H58 | 013475-77-9 | 94 |
| 2 | Triacontane | 422 | C30H62 | 000638-68-6 | 91 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 4 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 5 | Docosane | 310 | C22H46 | 000629-97-0 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** X2J25

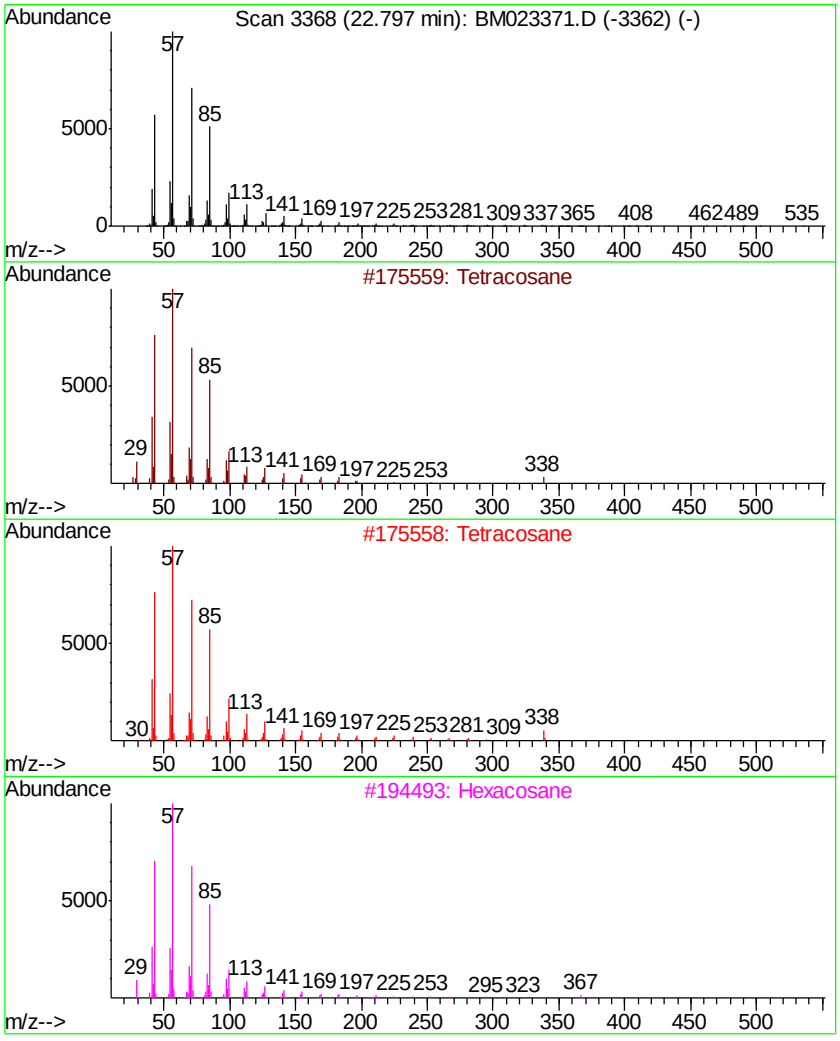
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

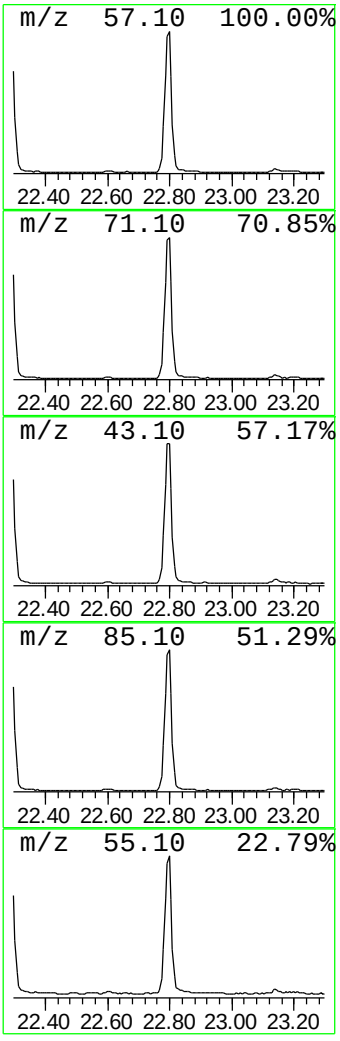
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.80 | 26.60 ng/ul | 9271570 | Perylene-d12 | 23.41 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 97 |
| 2 | Tetracosane | 338 | C24H50 | 000646-31-1 | 97 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** X2J25

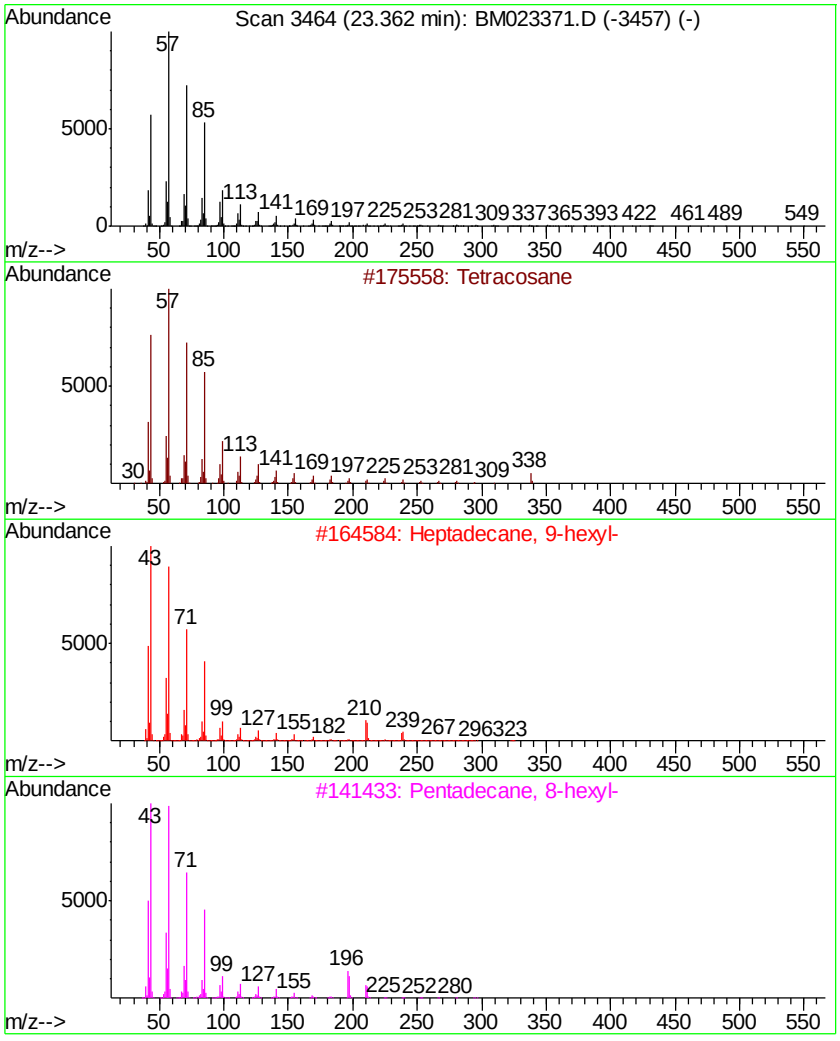
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

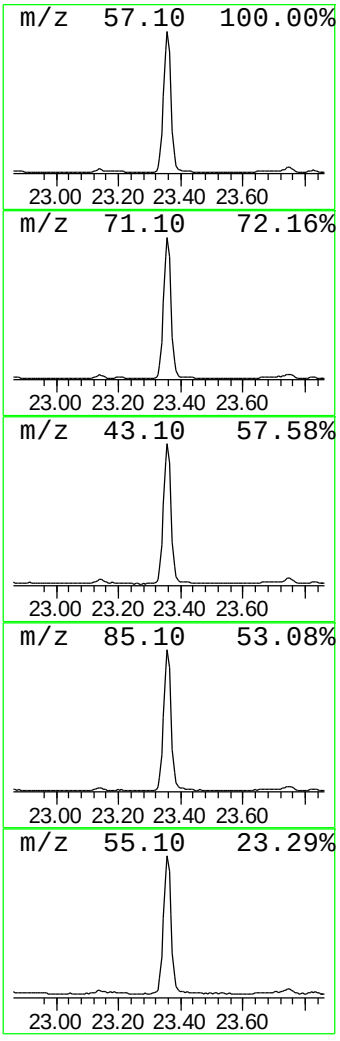
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.36 | 30.61 ng/ul | 10671700 | Perylene-d12 | 23.41 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 98 |
| 2 | Heptadecane, 9-hexyl- | 324 | C23H48 | 055124-79-3 | 94 |
| 3 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 94 |
| 4 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 93 |
| 5 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** X2J25

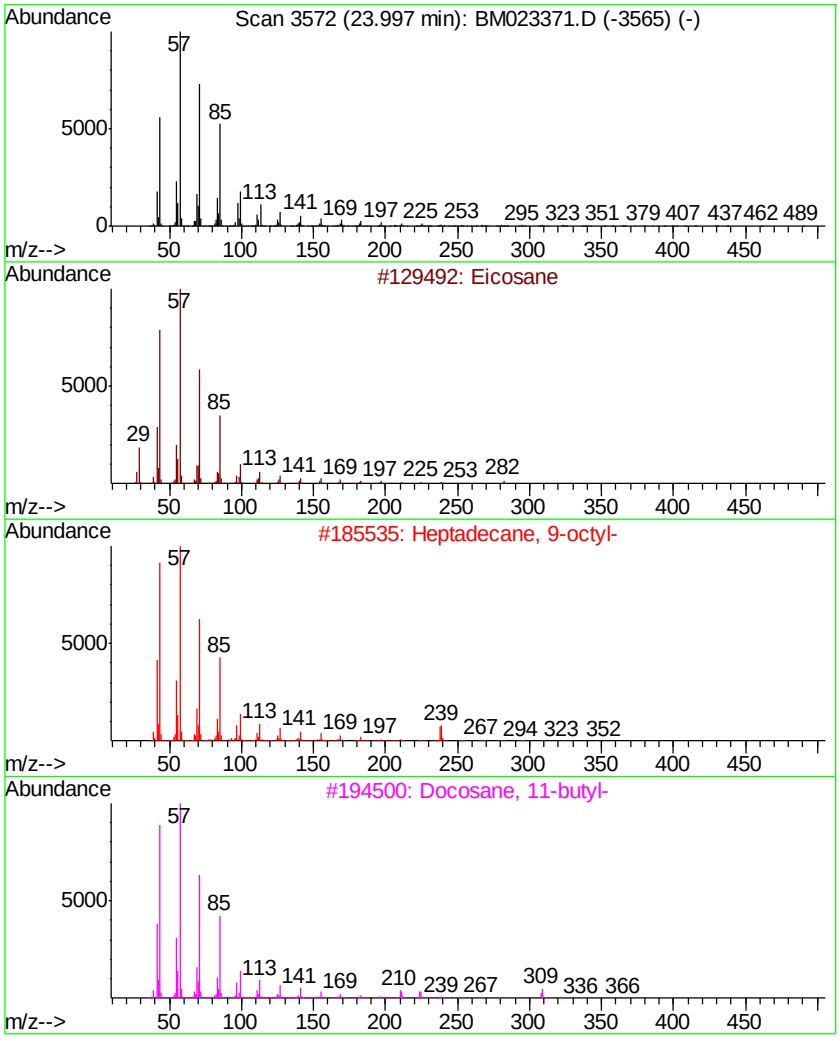
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

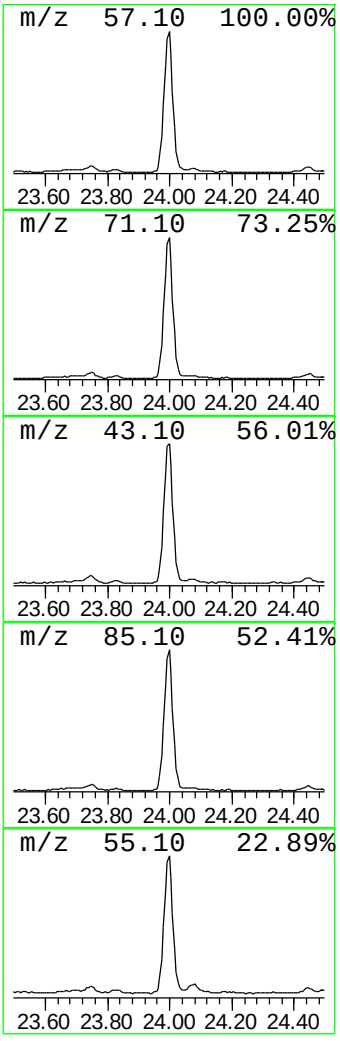
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.00 | 26.99 ng/ul | 9410410 | Perylene-d12 | 23.41 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 97 |
| 2 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 95 |
| 3 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 95 |
| 4 | Heptadecane, 9-hexyl- | 324 | C23H48 | 055124-79-3 | 94 |
| 5 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 94 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** X2J25

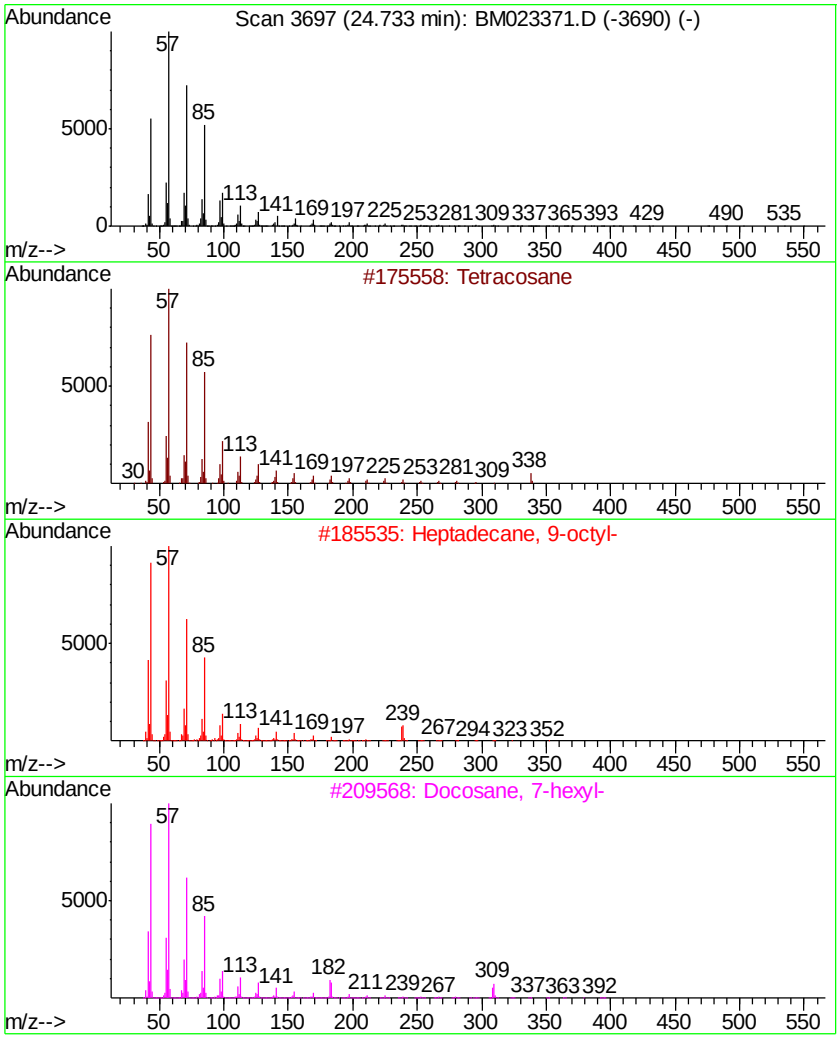
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

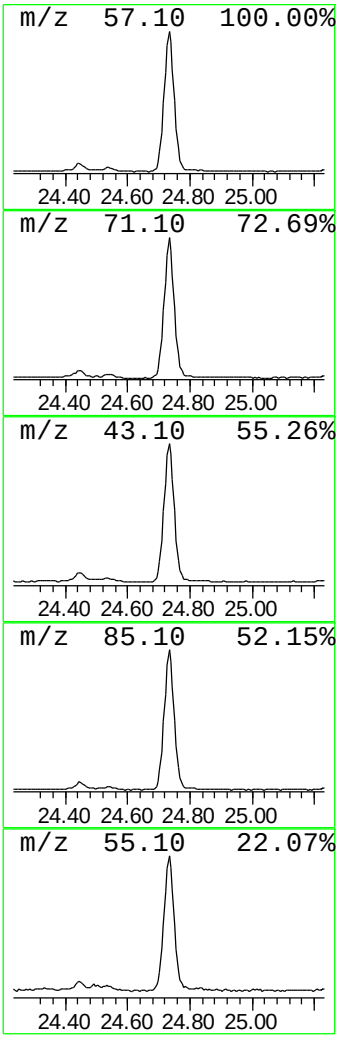
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.73 | 18.99 ng/ul | 6621770 | Perylene-d12 | 23.41 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 97 |
| 2 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 95 |
| 3 | Docosane, 7-hexyl- | 394 | C28H58 | 055373-86-9 | 93 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 91 |
| 5 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 91 |



# Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102319\
Data File : BM023371.D
Acq On : 24 Oct 2019 10:11
Operator : JU
Sample : K5308-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** X2J25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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 |
| 3-Penten-2-one, 4... | 4.20 | 6.3 | ng/ul | 788918 | 1 | 7.63 | 2503730 | 20.0 |
| 2-Pentanone, 4-hy... | 4.79 | 6.2 | ng/ul | 775155 | 1 | 7.63 | 2503730 | 20.0 |
| n-Hexadecanoic acid | 17.95 | 3.8 | ng/ul | 1054640 | 4 | 17.03 | 5603430 | 20.0 |
| 1-Decanol, 2-hexyl- | 20.96 | 7.5 | ng/ul | 2429550 | 5 | 21.22 | 6463100 | 20.0 |
| Diethylene glycol... | 21.01 | 2.3 | ng/ul | 752450 | 5 | 21.22 | 6463100 | 20.0 |
| (DEL) Alkane: Str... | 21.40 | 6.3 | ng/ul | 2022760 | 5 | 21.22 | 6463100 | 20.0 |
| (DEL) Alkane: Str... | 21.83 | 12.6 | ng/ul | 4082750 | 5 | 21.22 | 6463100 | 20.0 |
| (DEL) Alkane: Str... | 22.29 | 20.9 | ng/ul | 6761520 | 5 | 21.22 | 6463100 | 20.0 |
| (DEL) Alkane: Str... | 22.80 | 26.6 | ng/ul | 9271570 | 6 | 23.41 | 6972210 | 20.0 |
| (DEL) Alkane: Str... | 23.36 | 30.6 | ng/ul | 10671700 | 6 | 23.41 | 6972210 | 20.0 |
| (DEL) Alkane: Str... | 24.00 | 27.0 | ng/ul | 9410410 | 6 | 23.41 | 6972210 | 20.0 |
| (DEL) Alkane: Str... | 24.73 | 19.0 | ng/ul | 6621770 | 6 | 23.41 | 6972210 | 20.0 |