LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019394.D
Acq On : 24 Mar 2019 16:25
Operator : JU/SJ
Sample : K2027-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C09A6

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-BM032219MA.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 | 25 | 27 | 36 | rVB | 22470 | 32417 | 0.68% | 0.090% |
| 2 | 3.752 | 127 | 130 | 132 | rVB | 5612 | 5022 | 0.11% | 0.014% |
| 3 | 3.957 | 162 | 165 | 168 | rBV4 | 3114 | 5164 | 0.11% | 0.014% |
| 4 | 4.951 | 329 | 334 | 345 | rVB | 65163 | 98926 | 2.08% | 0.275% |
| 5 | 6.793 | 641 | 647 | 662 | rBV2 | 83049 | 202390 | 4.26% | 0.563% |
| 6 | 6.957 | 670 | 675 | 696 | rBV | 329573 | 609317 | 12.81% | 1.694% |
| 7 | 7.140 | 700 | 706 | 723 | rVB | 398373 | 685143 | 14.41% | 1.905% |
| 8 | 7.498 | 762 | 767 | 772 | rVB | 10870 | 15684 | 0.33% | 0.044% |
| 9 | 7.610 | 779 | 786 | 804 | rBV2 | 402241 | 769205 | 16.18% | 2.139% |
| 10 | 7.957 | 839 | 845 | 853 | rBV | 38736 | 68801 | 1.45% | 0.191% |
| 11 | 8.322 | 901 | 907 | 923 | rBV | 269330 | 511684 | 10.76% | 1.423% |
| 12 | 8.775 | 976 | 984 | 999 | rBV | 403231 | 737287 | 15.51% | 2.050% |
| 13 | 9.110 | 1035 | 1041 | 1049 | rBV3 | 14689 | 24539 | 0.52% | 0.068% |
| 14 | 9.492 | 1099 | 1106 | 1120 | rBV | 334511 | 606138 | 12.75% | 1.685% |
| 15 | 10.022 | 1190 | 1196 | 1227 | rBV | 354845 | 925386 | 19.46% | 2.573% |
| 16 | 10.251 | 1229 | 1235 | 1245 | rVB2 | 107706 | 178199 | 3.75% | 0.495% |
| 17 | 10.386 | 1250 | 1258 | 1270 | rBV | 587811 | 977610 | 20.56% | 2.718% |
| 18 | 10.610 | 1291 | 1296 | 1298 | rBV3 | 4450 | 7052 | 0.15% | 0.020% |
| 19 | 10.780 | 1319 | 1325 | 1330 | rBV3 | 22868 | 42042 | 0.88% | 0.117% |
| 20 | 11.598 | 1456 | 1464 | 1469 | rBV3 | 17818 | 29474 | 0.62% | 0.082% |
| 21 | 12.022 | 1530 | 1536 | 1540 | rBV4 | 5081 | 11837 | 0.25% | 0.033% |
| 22 | 12.086 | 1540 | 1547 | 1557 | rVV2 | 22424 | 69529 | 1.46% | 0.193% |
| 23 | 13.063 | 1708 | 1713 | 1718 | rBV2 | 10365 | 18707 | 0.39% | 0.052% |
| 24 | 13.621 | 1804 | 1808 | 1812 | rBV3 | 4679 | 6406 | 0.13% | 0.018% |
| 25 | 13.686 | 1812 | 1819 | 1825 | rBV | 1079449 | 1539252 | 32.37% | 4.280% |
| 26 | 13.733 | 1825 | 1827 | 1833 | rVB2 | 35946 | 46245 | 0.97% | 0.129% |
| 27 | 13.957 | 1858 | 1865 | 1877 | rBV | 1300022 | 1920125 | 40.38% | 5.339% |
| 28 | 14.263 | 1911 | 1917 | 1926 | rBV2 | 871895 | 1346783 | 28.32% | 3.745% |
| 29 | 14.539 | 1959 | 1964 | 1970 | rBV4 | 22923 | 59421 | 1.25% | 0.165% |
| 30 | 14.857 | 2010 | 2018 | 2019 | rBV4 | 20931 | 38569 | 0.81% | 0.107% |
| 31 | 15.263 | 2081 | 2087 | 2101 | rVB | 1733960 | 2485789 | 52.28% | 6.912% |
| 32 | 15.410 | 2107 | 2112 | 2124 | rBV | 290569 | 483674 | 10.17% | 1.345% |
| 33 | 15.510 | 2126 | 2129 | 2135 | rVB2 | 20944 | 24482 | 0.51% | 0.068% |
| 34 | 16.051 | 2217 | 2221 | 2225 | rVB6 | 5768 | 8927 | 0.19% | 0.025% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019394.D
Acq On : 24 Mar 2019 16:25
Operator : JU/SJ
Sample : K2027-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C09A6

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-BM032219MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 16.227 | 2248 | 2251 | 2255 | rVB4 | 3524 | 4901 | 0.10% | 0.014% |
| 36 | 16.527 | 2299 | 2302 | 2309 | rBV2 | 16383 | 31052 | 0.65% | 0.086% |
| 37 | 16.768 | 2340 | 2343 | 2345 | rBV2 | 5307 | 5635 | 0.12% | 0.016% |
| 38 | 16.815 | 2347 | 2351 | 2357 | rBV5 | 7356 | 15364 | 0.32% | 0.043% |
| 39 | 17.021 | 2380 | 2386 | 2396 | rBV | 1184917 | 1639309 | 34.48% | 4.558% |
| 40 | 17.121 | 2397 | 2403 | 2413 | rBV2 | 1917188 | 2734247 | 57.50% | 7.603% |
| 41 | 17.915 | 2533 | 2538 | 2548 | rBV2 | 136923 | 262173 | 5.51% | 0.729% |
| 42 | 19.068 | 2730 | 2734 | 2741 | rVB3 | 23771 | 41103 | 0.86% | 0.114% |
| 43 | 19.203 | 2753 | 2757 | 2765 | rBV2 | 86230 | 133904 | 2.82% | 0.372% |
| 44 | 19.315 | 2773 | 2776 | 2780 | rVB2 | 17106 | 22896 | 0.48% | 0.064% |
| 45 | 19.427 | 2789 | 2795 | 2805 | rBV | 2405525 | 3195629 | 67.20% | 8.886% |
| 46 | 20.462 | 2968 | 2971 | 2976 | rBV4 | 22139 | 27793 | 0.58% | 0.077% |
| 47 | 20.927 | 3046 | 3050 | 3062 | rBV2 | 114643 | 233982 | 4.92% | 0.651% |
| 48 | 21.227 | 3096 | 3101 | 3112 | rBV | 1579623 | 2030394 | 42.70% | 5.646% |
| 49 | 21.362 | 3121 | 3124 | 3130 | rBV | 231517 | 228176 | 4.80% | 0.634% |
| 50 | 21.792 | 3193 | 3197 | 3202 | rBV | 435409 | 498407 | 10.48% | 1.386% |
| 51 | 22.244 | 3269 | 3274 | 3283 | rBV | 668399 | 866172 | 18.22% | 2.408% |
| 52 | 22.744 | 3354 | 3359 | 3365 | rVB | 720443 | 1014337 | 21.33% | 2.820% |
| 53 | 23.297 | 3446 | 3453 | 3469 | rBV2 | 2624204 | 4755050 | 100.00% | 13.222% |
| 54 | 23.444 | 3471 | 3478 | 3491 | rVB | 1099806 | 2143346 | 45.08% | 5.960% |
| 55 | 23.927 | 3554 | 3560 | 3569 | rVB | 477644 | 912992 | 19.20% | 2.539% |
| 56 | 24.656 | 3679 | 3684 | 3692 | rVB | 275336 | 575952 | 12.11% | 1.601% |

Sum of corrected areas: 35964040

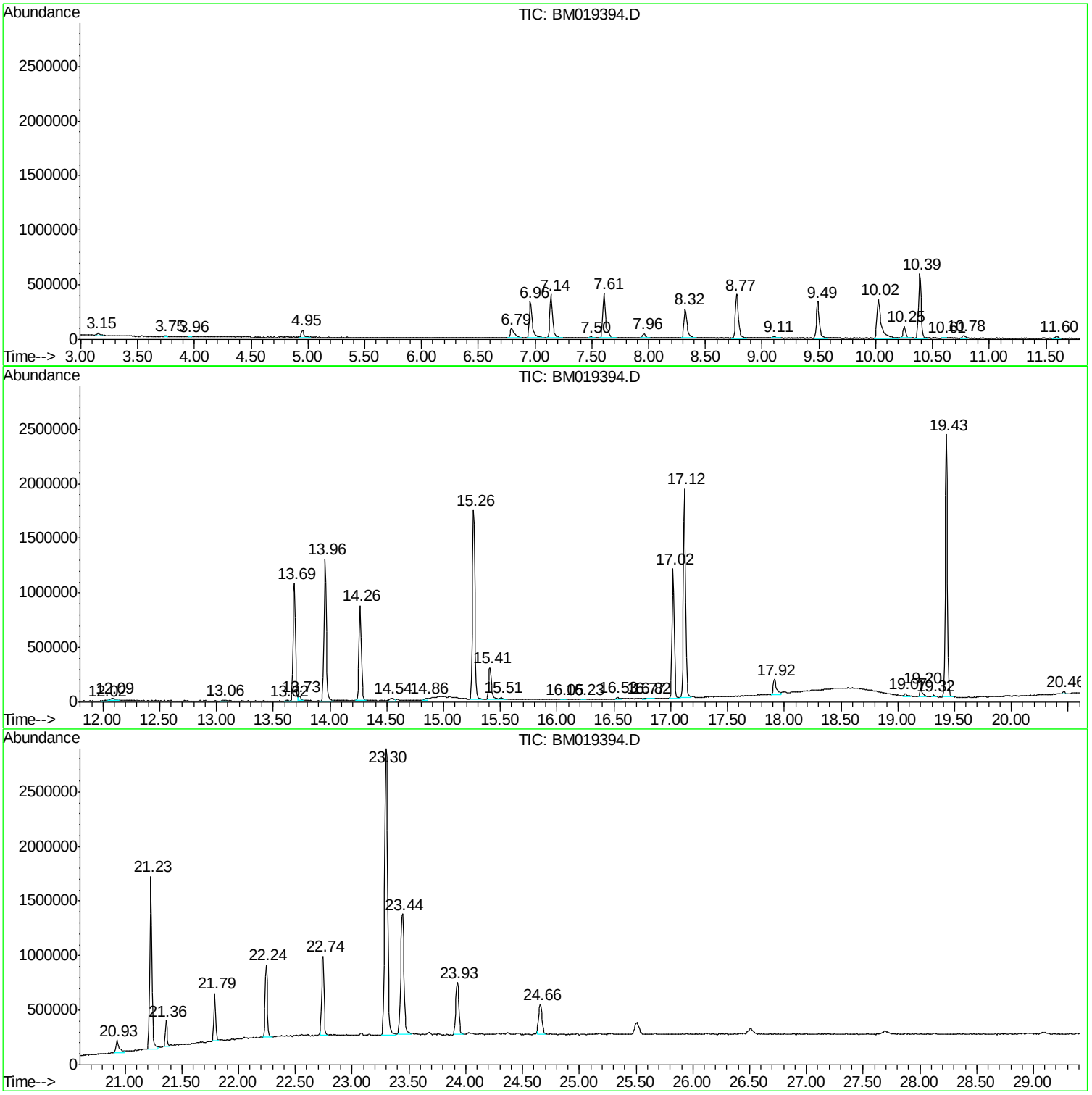
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019394.D
Acq On : 24 Mar 2019 16:25
Operator : JU/SJ
Sample : K2027-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C09A6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019394.D
Acq On : 24 Mar 2019 16:25
Operator : JU/SJ
Sample : K2027-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C09A6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

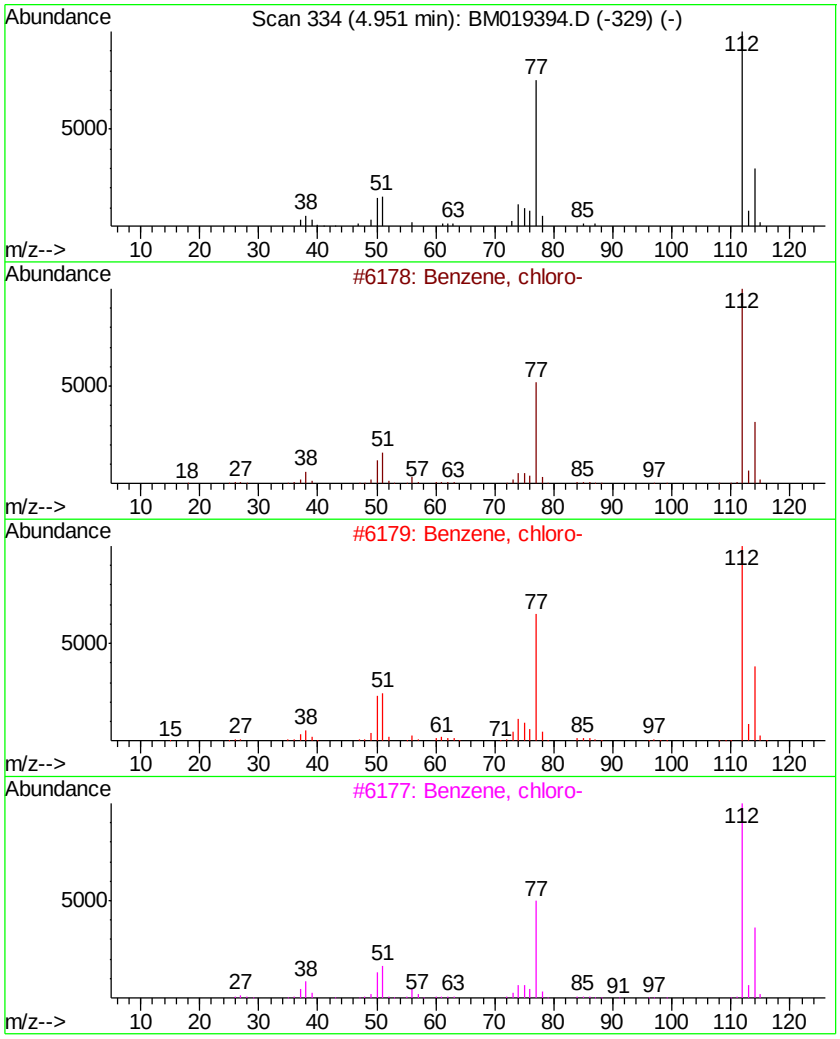
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

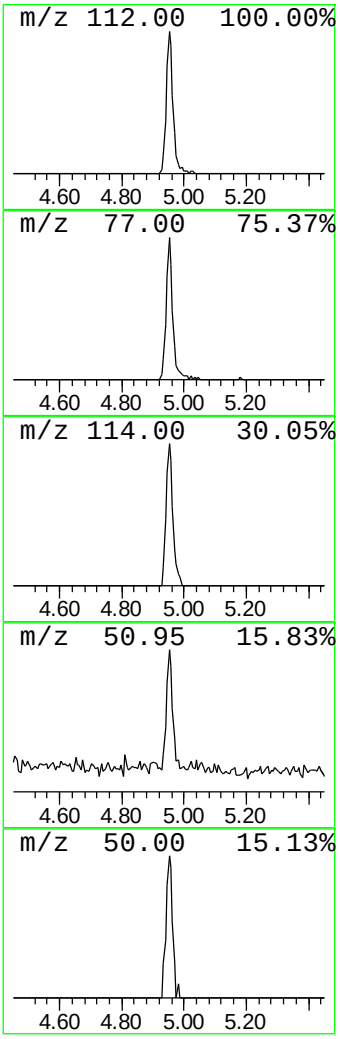
**********

Peak Number 1 Benzene, chloro- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.95 | 2.57 ng/ul | 98926 | 1,4-Dichlorobenzene-d4 | 7.61 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, chloro- | 112 | C6H5Cl | 000108-90-7 | 91 |
| 2 | Benzene, chloro- | 112 | C6H5Cl | 000108-90-7 | 91 |
| 3 | Benzene, chloro- | 112 | C6H5Cl | 000108-90-7 | 91 |
| 4 | Benzene, chloro- | 112 | C6H5Cl | 000108-90-7 | 91 |
| 5 | Propane, 1,2-dichloro-2-methyl- | 126 | C4H8Cl2 | 000594-37-6 | 16 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019394.D
Acq On : 24 Mar 2019 16:25
Operator : JU/SJ
Sample : K2027-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C09A6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

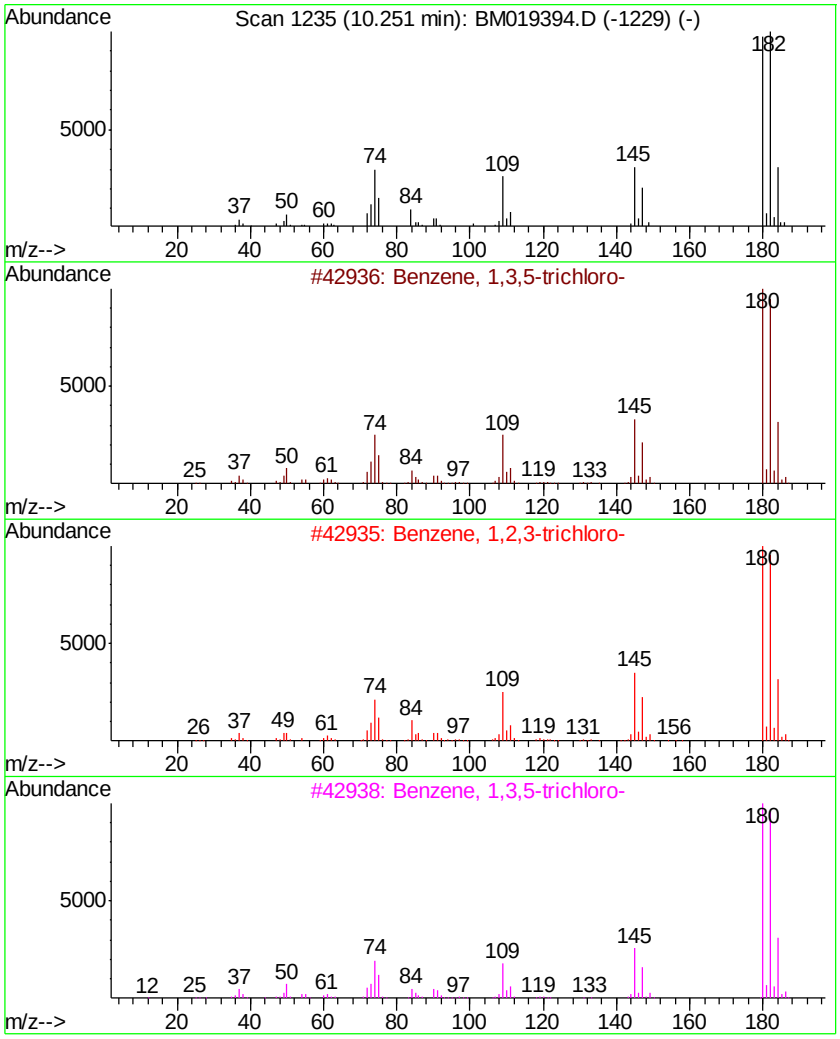
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

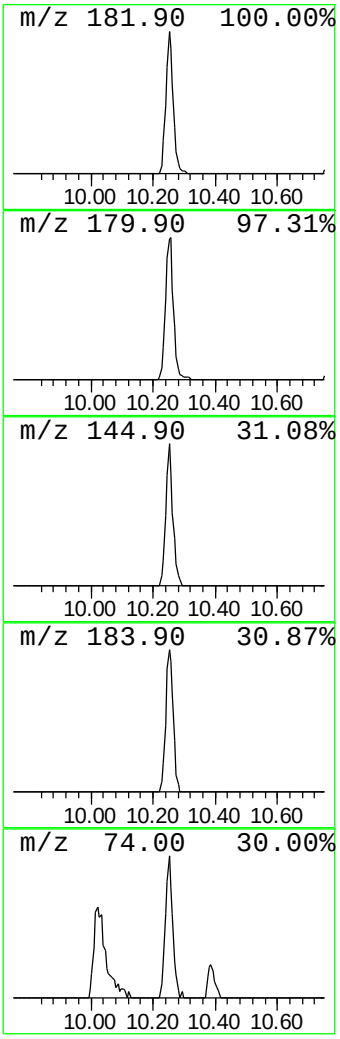
**********

Peak Number 2 Benzene, 1,3,5-trichloro- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.25 | 3.65 ng/ul | 178199 | Naphthalene-d8 | 10.39 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 98 |
| 2 | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 98 |
| 3 | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 97 |
| 4 | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 96 |
| 5 | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 95 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019394.D
Acq On : 24 Mar 2019 16:25
Operator : JU/SJ
Sample : K2027-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C09A6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

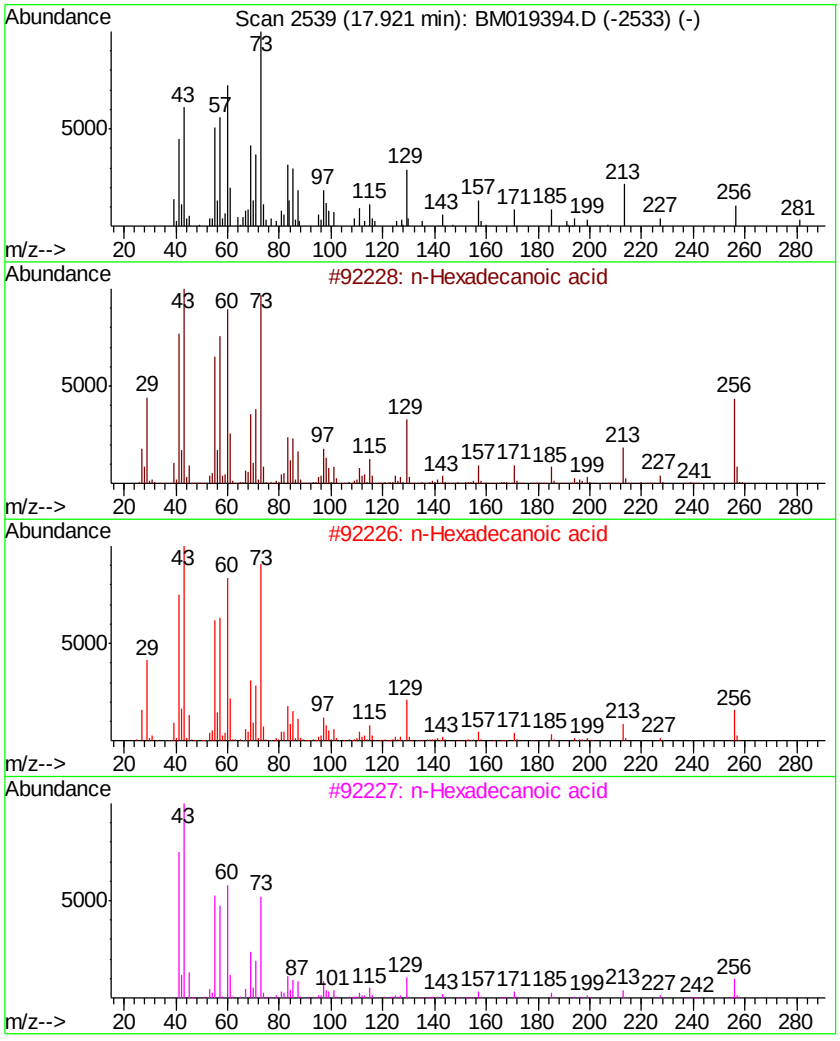
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

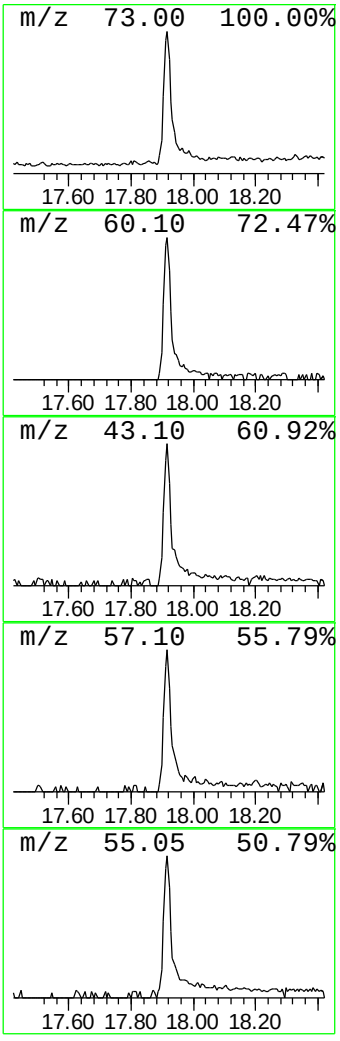
**********

Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.92 | 3.20 ng/ul | 262173 | Phenanthrene-d10 | 17.02 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 76 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 58 |
| 5 | Amyl Nitrite | 117 | C5H11NO2 | 000110-46-3 | 43 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019394.D
Acq On : 24 Mar 2019 16:25
Operator : JU/SJ
Sample : K2027-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C09A6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

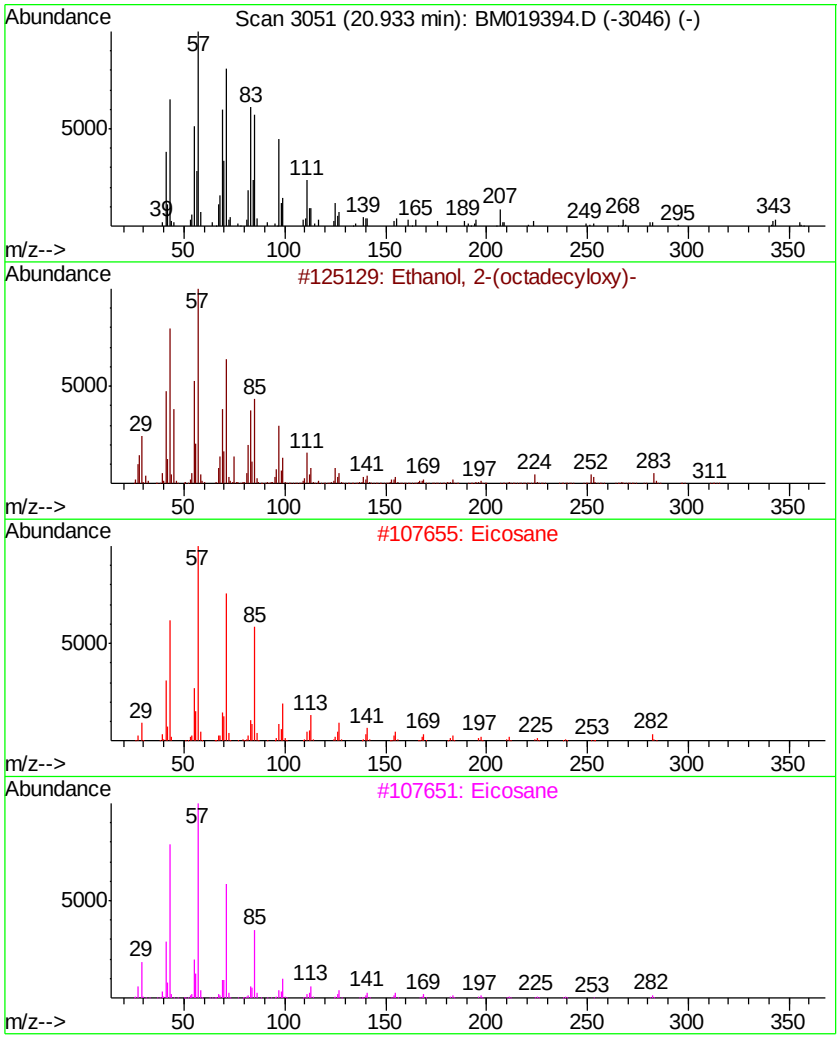
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

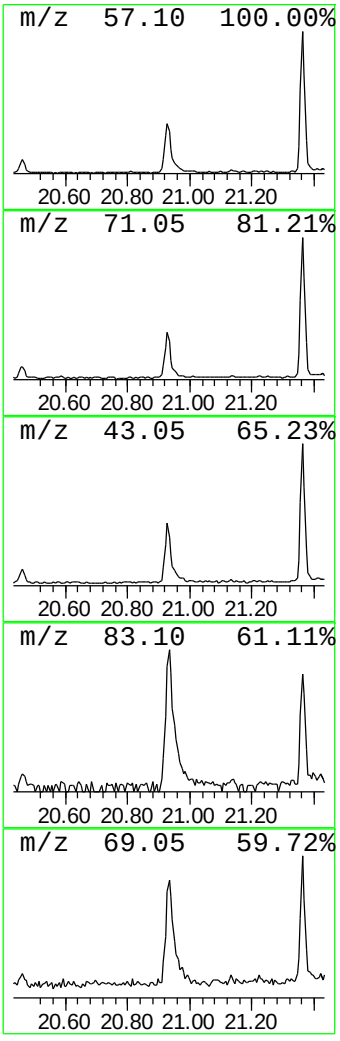
**********

Peak Number 4 Ethanol, 2-(octadecyloxy)- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.93 | 2.30 ng/ul | 233982 | Chrysene-d12 | 21.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(octadecyloxy)- | 314 | C20H42O2 | 002136-72-3 | 87 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 86 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 78 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 64 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 52 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019394.D
Acq On : 24 Mar 2019 16:25
Operator : JU/SJ
Sample : K2027-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C09A6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

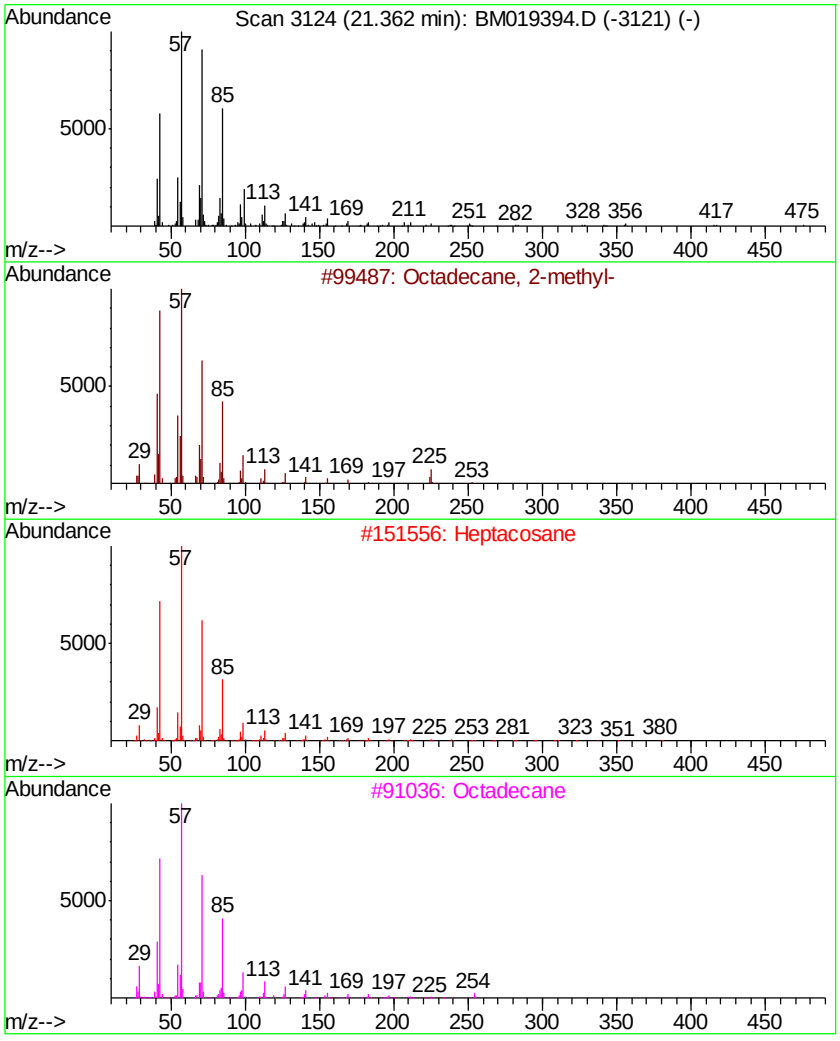
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

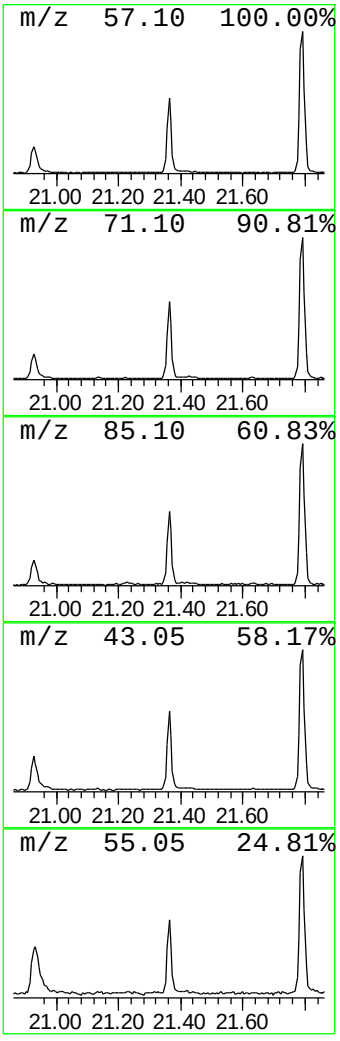
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.36 | 2.25 ng/ul | 228176 | Chrysene-d12 | 21.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 90 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |
| 3 | Octadecane | 254 | C18H38 | 000593-45-3 | 87 |
| 4 | Octadecane, 1-iodo- | 380 | C18H37I | 000629-93-6 | 87 |
| 5 | 2-Thiopheneacetic acid, 4-tetrad... | 338 | C20H34O2S | 1000280-67-0 | 86 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019394.D
Acq On : 24 Mar 2019 16:25
Operator : JU/SJ
Sample : K2027-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C09A6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

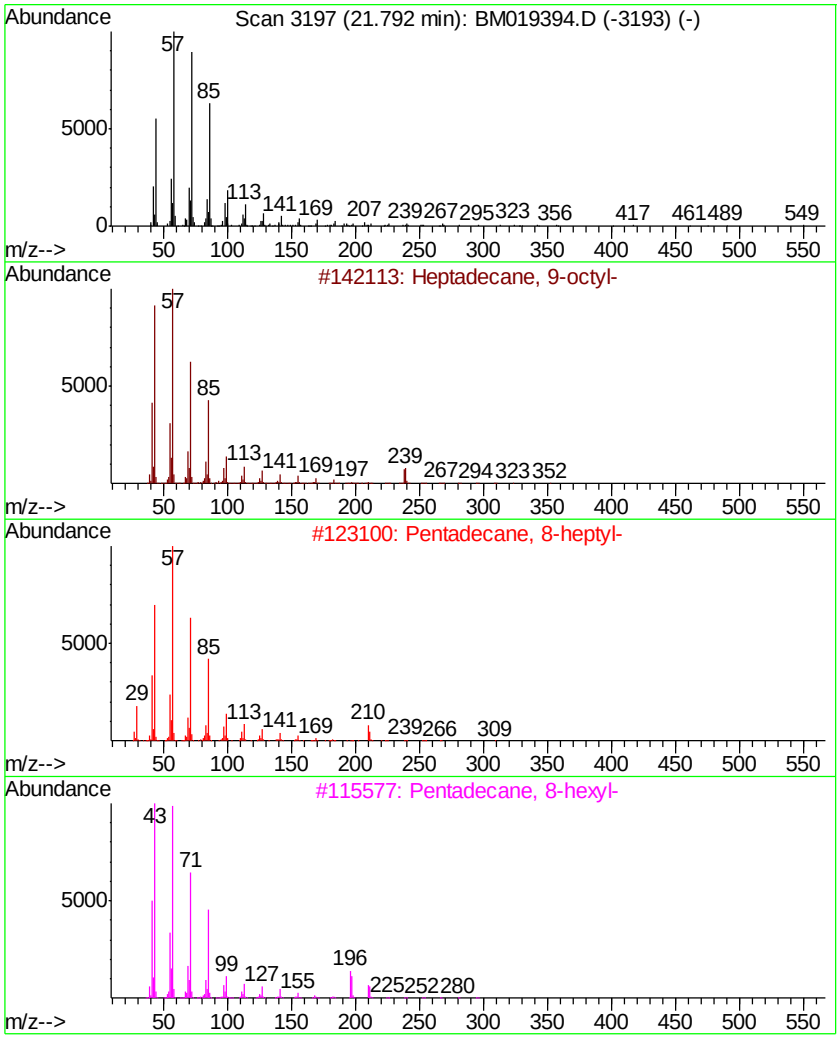
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

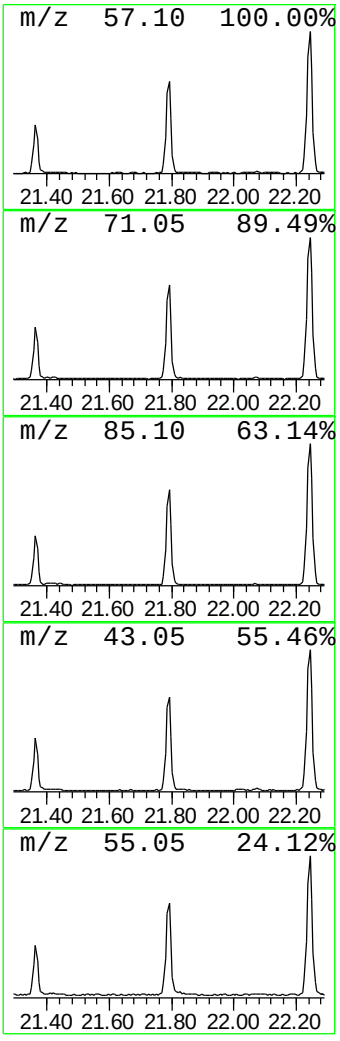
**********

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.79 | 4.91 ng/ul | 498407 | Chrysene-d12 | 21.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 2 | Pentadecane, 8-heptyl- | 310 | C22H46 | 071005-15-7 | 90 |
| 3 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 90 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 87 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019394.D
Acq On : 24 Mar 2019 16:25
Operator : JU/SJ
Sample : K2027-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C09A6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

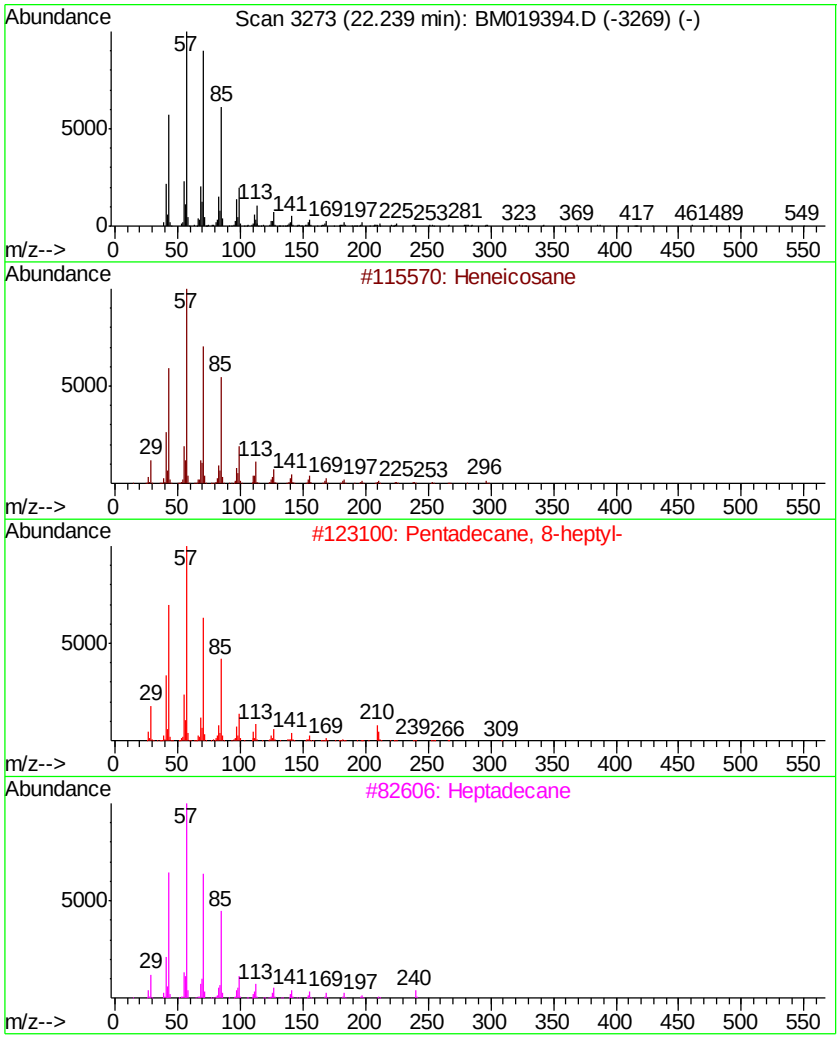
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

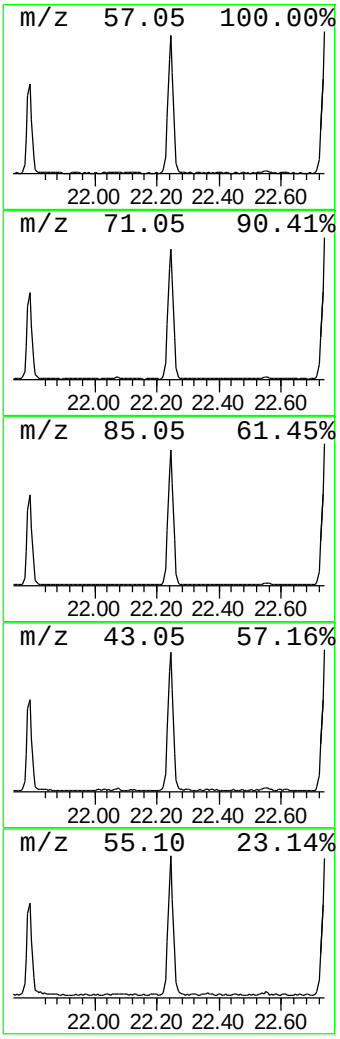
**********

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.24 | 8.53 ng/ul | 866172 | Chrysene-d12 | 21.23 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 2 | Pentadecane, 8-heptyl- | 310 | C22H46 | 071005-15-7 | 91 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 5 | Docosane, 9-butyl- | 366 | C26H54 | 055282-14-9 | 90 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019394.D
Acq On : 24 Mar 2019 16:25
Operator : JU/SJ
Sample : K2027-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C09A6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

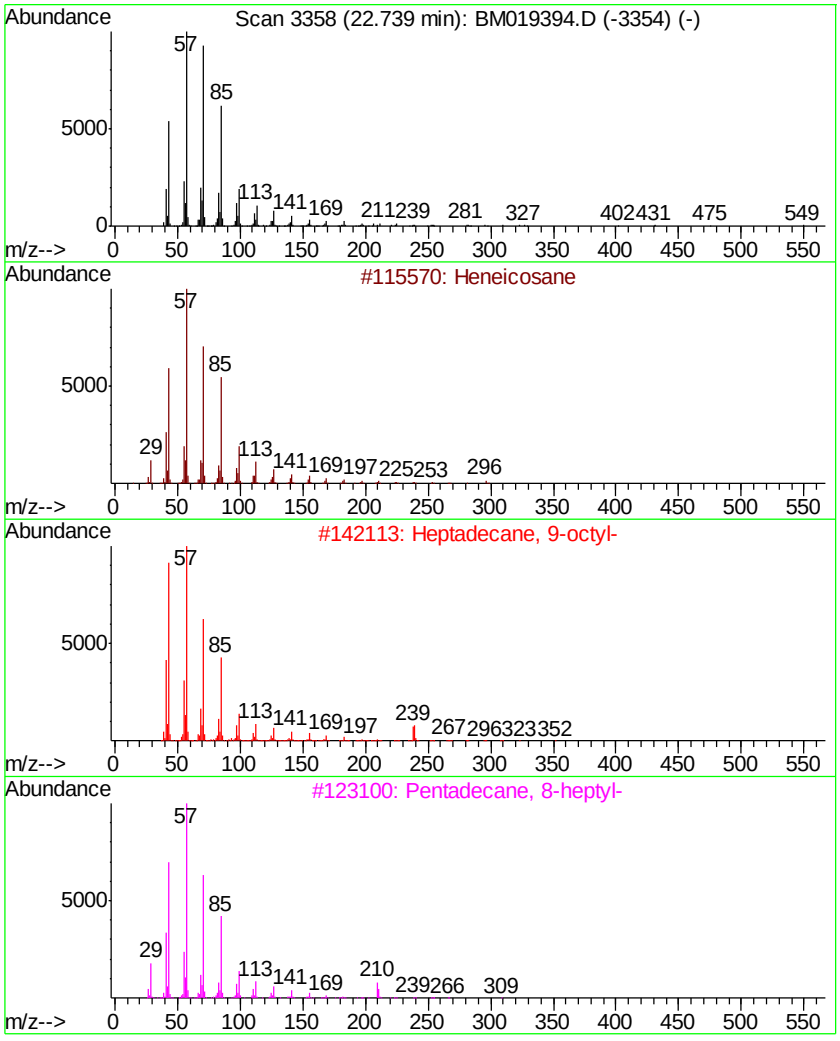
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

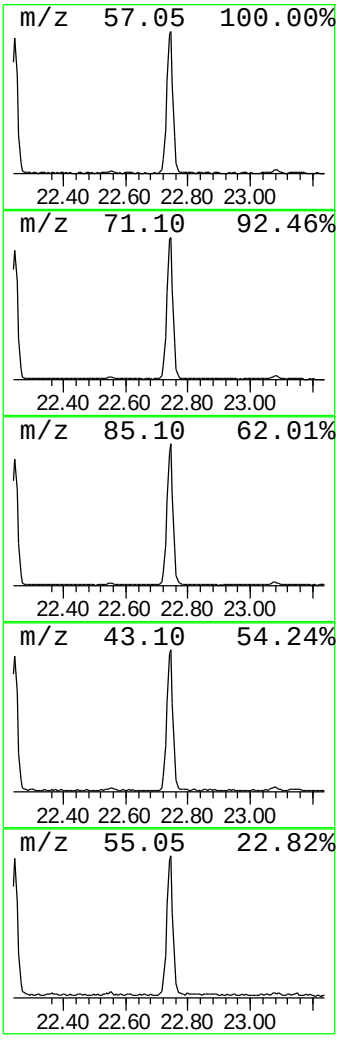
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.74 | 9.46 ng/ul | 1014340 | Perylene-d12 | 23.44 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 2 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 3 | Pentadecane, 8-heptyl- | 310 | C22H46 | 071005-15-7 | 90 |
| 4 | Octadecane | 254 | C18H38 | 000593-45-3 | 87 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019394.D
Acq On : 24 Mar 2019 16:25
Operator : JU/SJ
Sample : K2027-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C09A6

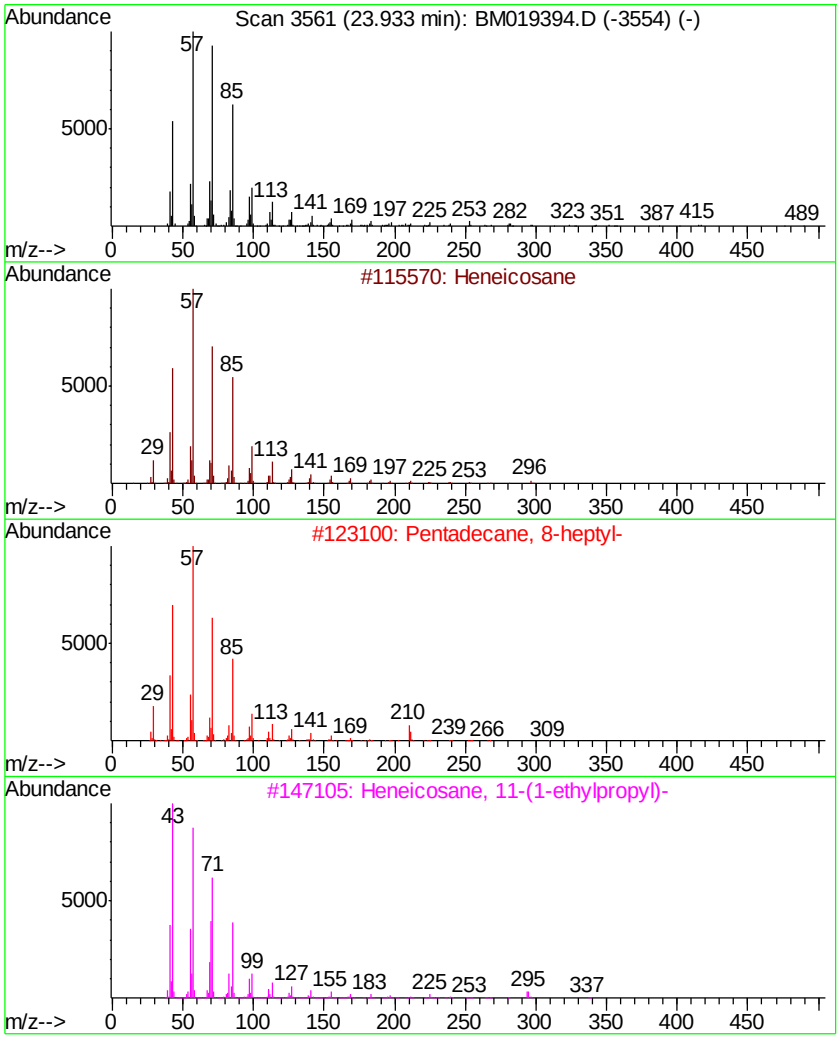
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

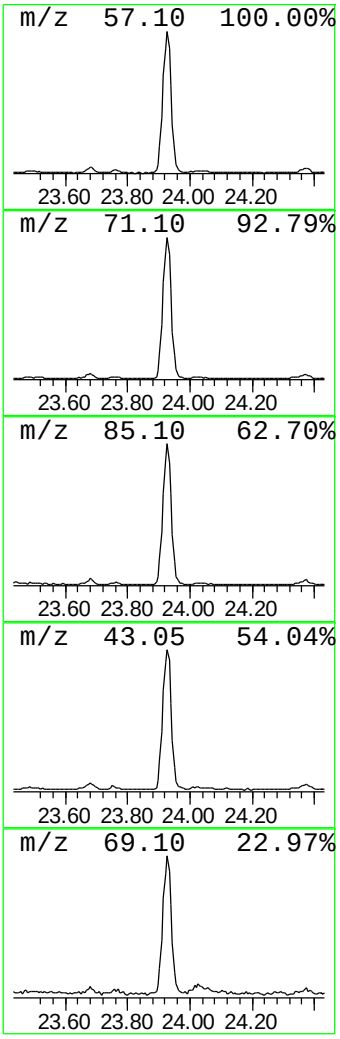
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.93 | 8.52 ng/ul | 912992 | Perylene-d12 | 23.44 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 2 | Pentadecane, 8-heptyl- | 310 | C22H46 | 071005-15-7 | 90 |
| 3 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 87 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019394.D
Acq On : 24 Mar 2019 16:25
Operator : JU/SJ
Sample : K2027-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C09A6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

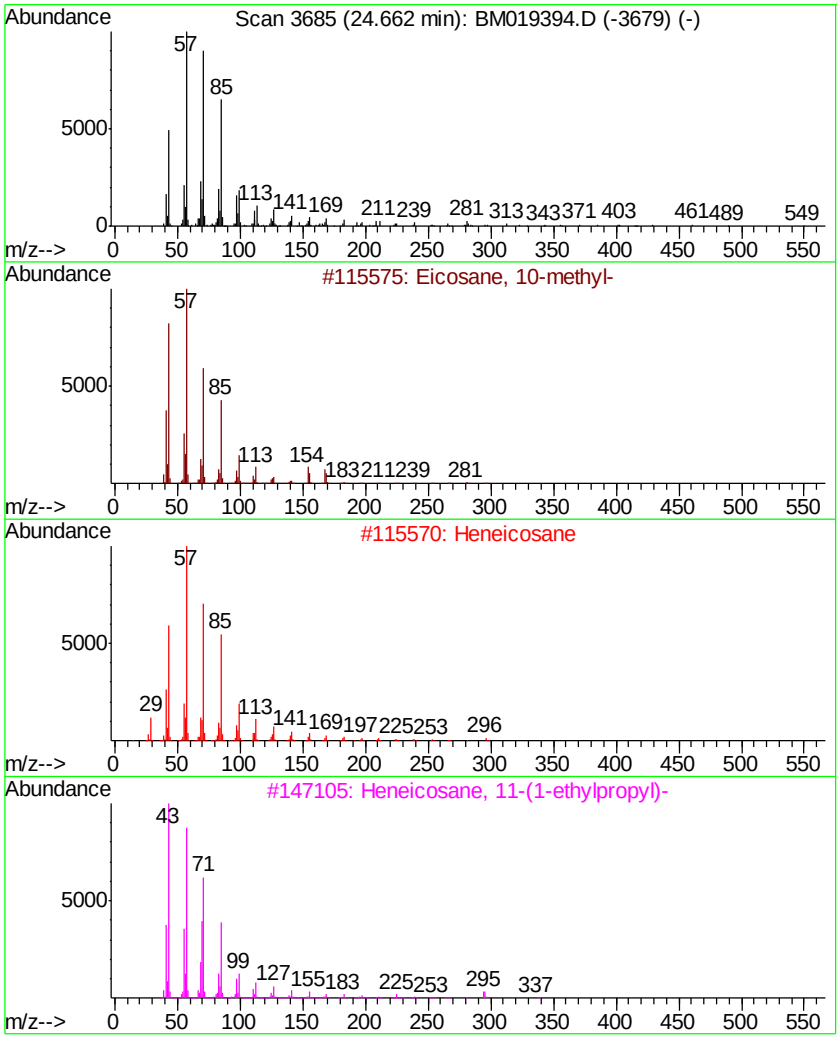
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

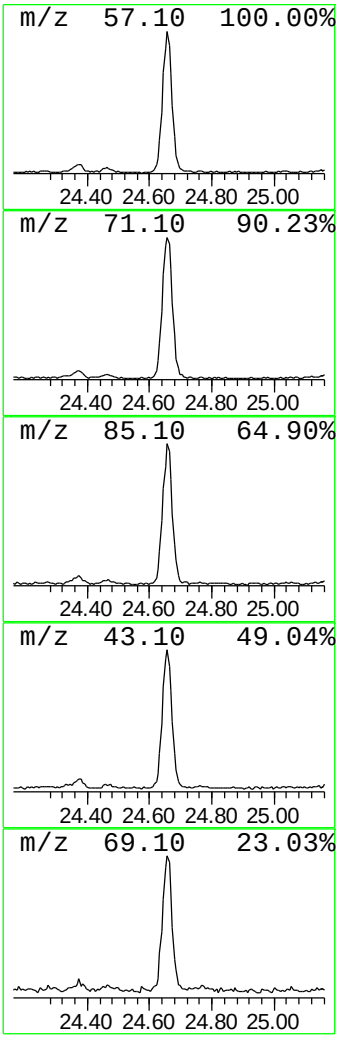
**********

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.66 | 5.37 ng/ul | 575952 | Perylene-d12 | 23.44 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane, 10-methyl- | 296 | C21H44 | 054833-23-7 | 90 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 3 | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54 | 055282-11-6 | 87 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 5 | Nonadecane, 2-methyl- | 282 | C20H42 | 001560-86-7 | 86 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032419\
Data File : BM019394.D
Acq On : 24 Mar 2019 16:25
Operator : JU/SJ
Sample : K2027-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C09A6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Benzene, chloro- | 4.95 | 2.6 | ng/ul | 98926 | 1 | 7.61 | 769205 | 20.0 |
| Benzene, 1,3,5-tr... | 10.25 | 3.6 | ng/ul | 178199 | 2 | 10.39 | 977610 | 20.0 |
| n-Hexadecanoic acid | 17.92 | 3.2 | ng/ul | 262173 | 4 | 17.02 | 1639310 | 20.0 |
| Ethanol, 2-(octad... | 20.93 | 2.3 | ng/ul | 233982 | 5 | 21.23 | 2030390 | 20.0 |
| (DEL) Alkane: Str... | 21.36 | 2.3 | ng/ul | 228176 | 5 | 21.23 | 2030390 | 20.0 |
| (DEL) Alkane: Str... | 21.79 | 4.9 | ng/ul | 498407 | 5 | 21.23 | 2030390 | 20.0 |
| (DEL) Alkane: Str... | 22.24 | 8.5 | ng/ul | 866172 | 5 | 21.23 | 2030390 | 20.0 |
| (DEL) Alkane: Str... | 22.74 | 9.5 | ng/ul | 1014340 | 6 | 23.44 | 2143350 | 20.0 |
| (DEL) Alkane: Str... | 23.93 | 8.5 | ng/ul | 912992 | 6 | 23.44 | 2143350 | 20.0 |
| (DEL) Alkane: Str... | 24.66 | 5.4 | ng/ul | 575952 | 6 | 23.44 | 2143350 | 20.0 |