LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016950.D
Acq On : 02 Oct 2018 08:27
Operator : MJ/SJ
Sample : J5125-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B87

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-BM091018MA.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 | 3.187 | 30 | 34 | 39 | rVB | 1245931 | 1259425 | 24.56% | 3.088% |
| 2 | 7.093 | 696 | 698 | 702 | rVB3 | 6094 | 6844 | 0.13% | 0.017% |
| 3 | 7.269 | 725 | 728 | 734 | rVB5 | 4183 | 7393 | 0.14% | 0.018% |
| 4 | 7.334 | 735 | 739 | 747 | rVB6 | 8360 | 15321 | 0.30% | 0.038% |
| 5 | 7.634 | 786 | 790 | 795 | rVB6 | 6173 | 10039 | 0.20% | 0.025% |
| 6 | 7.710 | 795 | 803 | 811 | rVV | 1413177 | 2209295 | 43.08% | 5.417% |
| 7 | 7.775 | 812 | 814 | 818 | rVB4 | 5827 | 6986 | 0.14% | 0.017% |
| 8 | 7.940 | 838 | 842 | 843 | rBV4 | 4966 | 6897 | 0.13% | 0.017% |
| 9 | 7.992 | 846 | 851 | 854 | rVV5 | 5588 | 8746 | 0.17% | 0.021% |
| 10 | 8.216 | 885 | 889 | 893 | rBV4 | 4291 | 8438 | 0.16% | 0.021% |
| 11 | 8.298 | 899 | 903 | 907 | rVB4 | 4669 | 6948 | 0.14% | 0.017% |
| 12 | 8.369 | 908 | 915 | 920 | rBV6 | 7930 | 15245 | 0.30% | 0.037% |
| 13 | 8.539 | 940 | 944 | 945 | rBV4 | 4175 | 5354 | 0.10% | 0.013% |
| 14 | 8.575 | 948 | 950 | 953 | rVB3 | 5662 | 7182 | 0.14% | 0.018% |
| 15 | 8.698 | 968 | 971 | 975 | rVB5 | 4507 | 6121 | 0.12% | 0.015% |
| 16 | 8.775 | 975 | 984 | 985 | rBV6 | 10670 | 19594 | 0.38% | 0.048% |
| 17 | 8.928 | 1005 | 1010 | 1020 | rVB5 | 22912 | 51207 | 1.00% | 0.126% |
| 18 | 9.022 | 1020 | 1026 | 1027 | rBV5 | 5418 | 8065 | 0.16% | 0.020% |
| 19 | 9.063 | 1027 | 1033 | 1039 | rVB7 | 13086 | 30716 | 0.60% | 0.075% |
| 20 | 9.163 | 1045 | 1050 | 1055 | rVB8 | 8302 | 15954 | 0.31% | 0.039% |
| 21 | 9.234 | 1055 | 1062 | 1065 | rBV7 | 6404 | 12645 | 0.25% | 0.031% |
| 22 | 9.328 | 1074 | 1078 | 1080 | rBV4 | 6275 | 8269 | 0.16% | 0.020% |
| 23 | 9.363 | 1080 | 1084 | 1090 | rVV | 25649 | 38675 | 0.75% | 0.095% |
| 24 | 9.416 | 1090 | 1093 | 1098 | rVB4 | 8388 | 11091 | 0.22% | 0.027% |
| 25 | 9.569 | 1111 | 1119 | 1125 | rBV | 27200 | 52549 | 1.02% | 0.129% |
| 26 | 9.681 | 1130 | 1138 | 1139 | rBV6 | 17334 | 33773 | 0.66% | 0.083% |
| 27 | 9.775 | 1151 | 1154 | 1155 | rBV3 | 7949 | 6526 | 0.13% | 0.016% |
| 28 | 9.845 | 1163 | 1166 | 1169 | rVB4 | 6351 | 8366 | 0.16% | 0.021% |
| 29 | 9.934 | 1177 | 1181 | 1187 | rVB7 | 11408 | 24575 | 0.48% | 0.060% |
| 30 | 9.992 | 1187 | 1191 | 1192 | rBV4 | 5416 | 7398 | 0.14% | 0.018% |
| 31 | 10.186 | 1219 | 1224 | 1227 | rBV7 | 9715 | 18473 | 0.36% | 0.045% |
| 32 | 10.269 | 1236 | 1238 | 1241 | rVB4 | 8692 | 10424 | 0.20% | 0.026% |
| 33 | 10.363 | 1249 | 1254 | 1260 | rBV4 | 35995 | 72382 | 1.41% | 0.177% |
| 34 | 10.486 | 1265 | 1275 | 1286 | rVV | 1866720 | 3232105 | 63.02% | 7.925% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016950.D
Acq On : 02 Oct 2018 08:27
Operator : MJ/SJ
Sample : J5125-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B87

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-BM091018MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 10.610 | 1291 | 1296 | 1301 | rVB3 | 34302 | 55127 | 1.07% | 0.135% |
| 36 | 10.675 | 1304 | 1307 | 1311 | rBV | 17452 | 28558 | 0.56% | 0.070% |
| 37 | 10.739 | 1316 | 1318 | 1322 | rVB5 | 10180 | 14580 | 0.28% | 0.036% |
| 38 | 10.822 | 1328 | 1332 | 1338 | rVB8 | 6782 | 14079 | 0.27% | 0.035% |
| 39 | 10.898 | 1340 | 1345 | 1349 | rBV7 | 17403 | 29147 | 0.57% | 0.071% |
| 40 | 10.975 | 1355 | 1358 | 1362 | rVB5 | 10449 | 14724 | 0.29% | 0.036% |
| 41 | 11.033 | 1362 | 1368 | 1375 | rBV5 | 30555 | 88401 | 1.72% | 0.217% |
| 42 | 11.098 | 1376 | 1379 | 1383 | rVV2 | 24784 | 39101 | 0.76% | 0.096% |
| 43 | 11.139 | 1383 | 1386 | 1388 | rVV3 | 15758 | 21773 | 0.42% | 0.053% |
| 44 | 11.181 | 1389 | 1393 | 1398 | rVB3 | 49473 | 93660 | 1.83% | 0.230% |
| 45 | 11.245 | 1401 | 1404 | 1408 | rBV5 | 19176 | 30351 | 0.59% | 0.074% |
| 46 | 11.398 | 1427 | 1430 | 1437 | rVB8 | 28474 | 58606 | 1.14% | 0.144% |
| 47 | 11.463 | 1437 | 1441 | 1445 | rBV4 | 24758 | 36156 | 0.70% | 0.089% |
| 48 | 11.533 | 1447 | 1453 | 1455 | rVV4 | 40435 | 88695 | 1.73% | 0.217% |
| 49 | 11.580 | 1457 | 1461 | 1469 | rVB4 | 79322 | 175550 | 3.42% | 0.430% |
| 50 | 11.775 | 1491 | 1494 | 1498 | rBV4 | 29549 | 34355 | 0.67% | 0.084% |
| 51 | 11.951 | 1516 | 1524 | 1532 | rBV4 | 44116 | 185855 | 3.62% | 0.456% |
| 52 | 12.227 | 1566 | 1571 | 1578 | rBV4 | 93306 | 206151 | 4.02% | 0.506% |
| 53 | 12.545 | 1622 | 1625 | 1630 | rBV7 | 38724 | 68384 | 1.33% | 0.168% |
| 54 | 12.698 | 1646 | 1651 | 1656 | rBV7 | 88673 | 190962 | 3.72% | 0.468% |
| 55 | 12.780 | 1660 | 1665 | 1670 | rVB2 | 161979 | 259044 | 5.05% | 0.635% |
| 56 | 12.845 | 1671 | 1676 | 1680 | rBV7 | 63436 | 141195 | 2.75% | 0.346% |
| 57 | 12.939 | 1687 | 1692 | 1701 | rBV5 | 144648 | 328563 | 6.41% | 0.806% |
| 58 | 13.122 | 1719 | 1723 | 1727 | rBV | 242873 | 376900 | 7.35% | 0.924% |
| 59 | 13.763 | 1828 | 1832 | 1837 | rBV | 456259 | 698483 | 13.62% | 1.713% |
| 60 | 13.839 | 1841 | 1845 | 1849 | rVV | 404163 | 612967 | 11.95% | 1.503% |
| 61 | 13.886 | 1849 | 1853 | 1861 | rVB5 | 285487 | 607328 | 11.84% | 1.489% |
| 62 | 14.086 | 1883 | 1887 | 1891 | rBV3 | 370169 | 646912 | 12.61% | 1.586% |
| 63 | 14.180 | 1899 | 1903 | 1910 | rVB | 1192918 | 1876383 | 36.59% | 4.601% |
| 64 | 14.251 | 1911 | 1915 | 1920 | rBV3 | 243732 | 467867 | 9.12% | 1.147% |
| 65 | 14.351 | 1921 | 1932 | 1939 | rVV2 | 2775316 | 5128718 | 100.00% | 12.576% |
| 66 | 14.880 | 2018 | 2022 | 2028 | rBV2 | 823260 | 1294520 | 25.24% | 3.174% |
| 67 | 15.139 | 2062 | 2066 | 2071 | rBV2 | 791717 | 1053433 | 20.54% | 2.583% |
| 68 | 15.827 | 2180 | 2183 | 2187 | rBV | 471589 | 705845 | 13.76% | 1.731% |
| 69 | 16.104 | 2227 | 2230 | 2234 | rVB | 1031274 | 1278868 | 24.94% | 3.136% |
| 70 | 16.921 | 2367 | 2369 | 2382 | rVB | 929952 | 1518693 | 29.61% | 3.724% |
| 71 | 17.098 | 2395 | 2399 | 2405 | rBV2 | 2685503 | 4276817 | 83.39% | 10.487% |

LSC Area Percent Report

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Data File : BM016950.D
Acq On : 02 Oct 2018 08:27
Operator : MJ/SJ
Sample : J5125-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B87

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-BM091018MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 20.015 | 2893 | 2895 | 2899 | rVB | 767572 | 875322 | 17.07% | 2.146% |
| 73 | 20.298 | 2940 | 2943 | 2947 | rVB | 860789 | 992702 | 19.36% | 2.434% |
| 74 | 21.286 | 3107 | 3111 | 3115 | rBV | 2951846 | 3900590 | 76.05% | 9.565% |
| 75 | 21.315 | 3115 | 3116 | 3123 | rVB2 | 869809 | 864603 | 16.86% | 2.120% |
| 76 | 23.521 | 3484 | 3491 | 3505 | rVB | 2175361 | 4158317 | 81.08% | 10.197% |

Sum of corrected areas: 40781306

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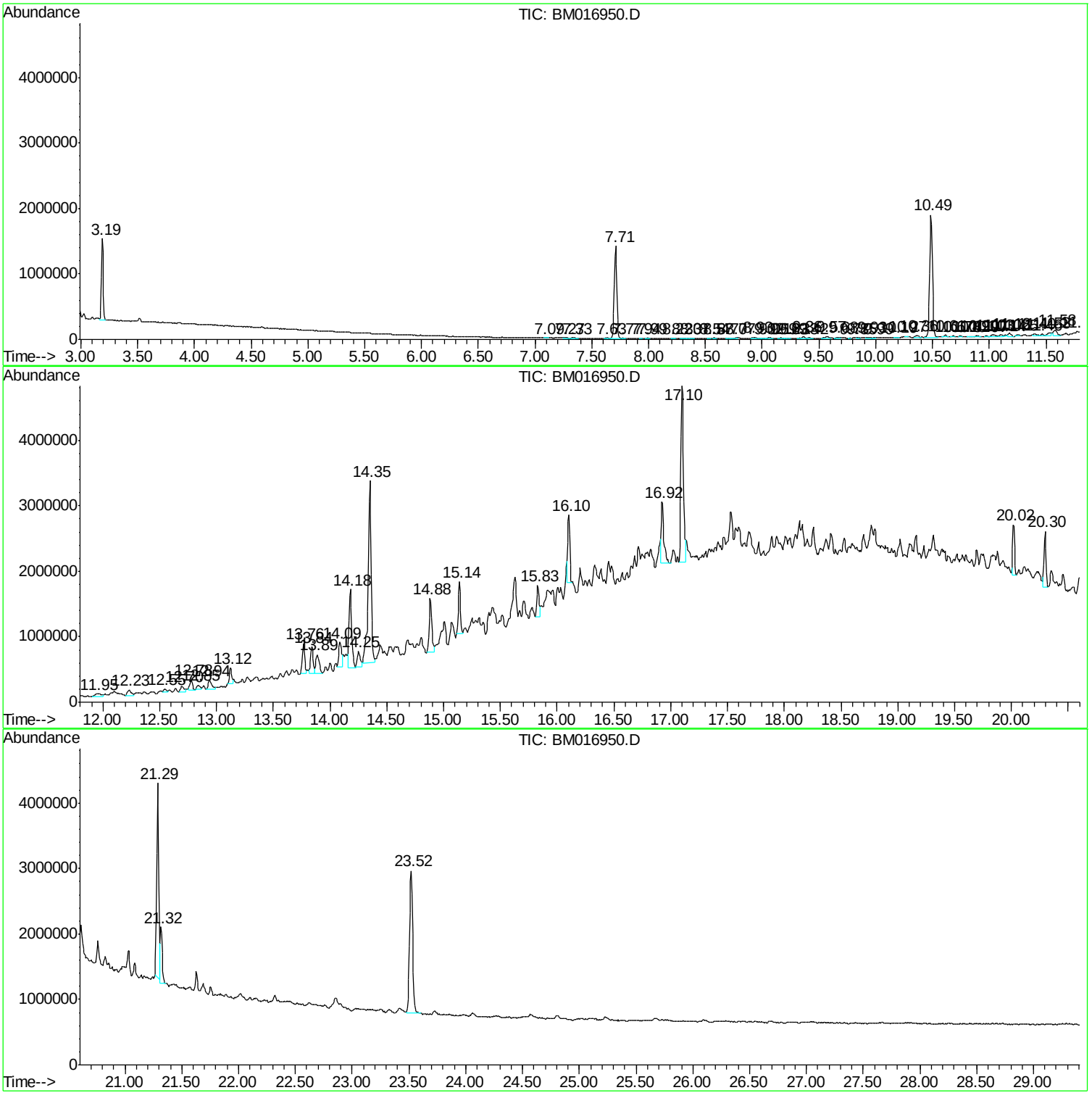
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
C0B87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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\BM100118\
Data File : BM016950.D
Acq On : 02 Oct 2018 08:27
Operator : MJ/SJ
Sample : J5125-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B87

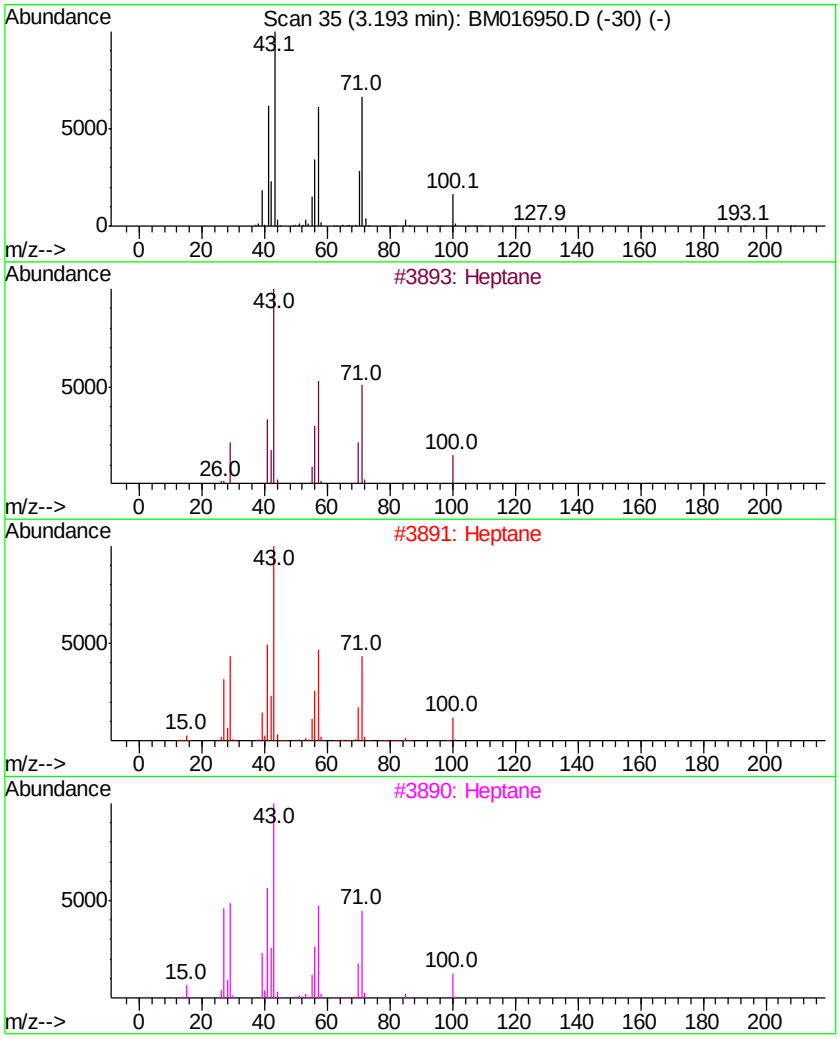
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

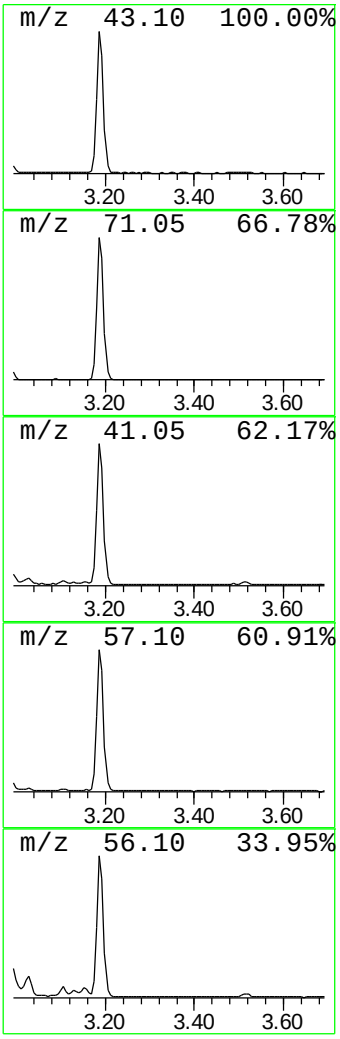
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.19 | 11.40 ng/ul | 1259430 | 1,4-Dichlorobenzene-d4 | 7.71 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptane | 100 | C7H16 | 000142-82-5 | 91 |
| 2 | Heptane | 100 | C7H16 | 000142-82-5 | 90 |
| 3 | Heptane | 100 | C7H16 | 000142-82-5 | 90 |
| 4 | Heptane | 100 | C7H16 | 000142-82-5 | 87 |
| 5 | Hexane, 2,3-dimethyl- | 114 | C8H18 | 000584-94-1 | 40 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016950.D
Acq On : 02 Oct 2018 08:27
Operator : MJ/SJ
Sample : J5125-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

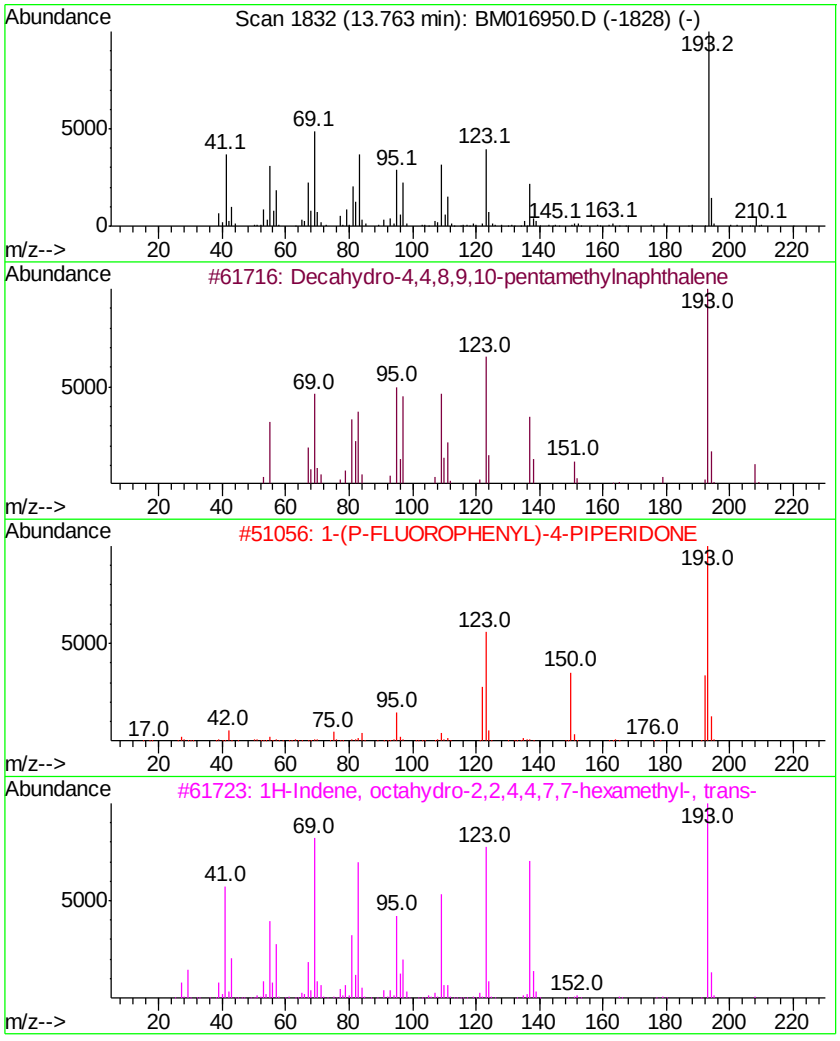
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

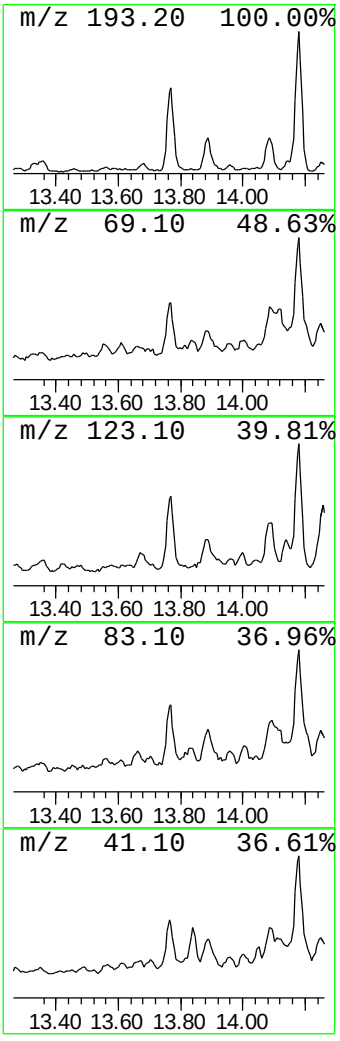
**********

Peak Number 2 Decahydro-4,4,8,9,10-pentam... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.76 | 2.72 ng/ul | 698483 | Acenaphthene-d10 | 14.35 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decahydro-4,4,8,9,10-pentamethyl... | 208 | C15H28 | 080655-44-3 | 81 |
| 2 | 1-(P-FLUOROPHENYL)-4-PIPERIDONE | 193 | C11H12FNO | 1000238-56-7 | 50 |
| 3 | 1H-Indene, octahydro-2,2,4,4,7,7... | 208 | C15H28 | 054832-83-6 | 45 |
| 4 | Borinic acid, diethyl-, 3,3,5-tr... | 208 | C13H25BO | 057387-76-5 | 40 |
| 5 | S-Phenyl 5-(phenylthio)pentaneth... | 302 | C17H18OS2 | 1000234-40-7 | 38 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016950.D
Acq On : 02 Oct 2018 08:27
Operator : MJ/SJ
Sample : J5125-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

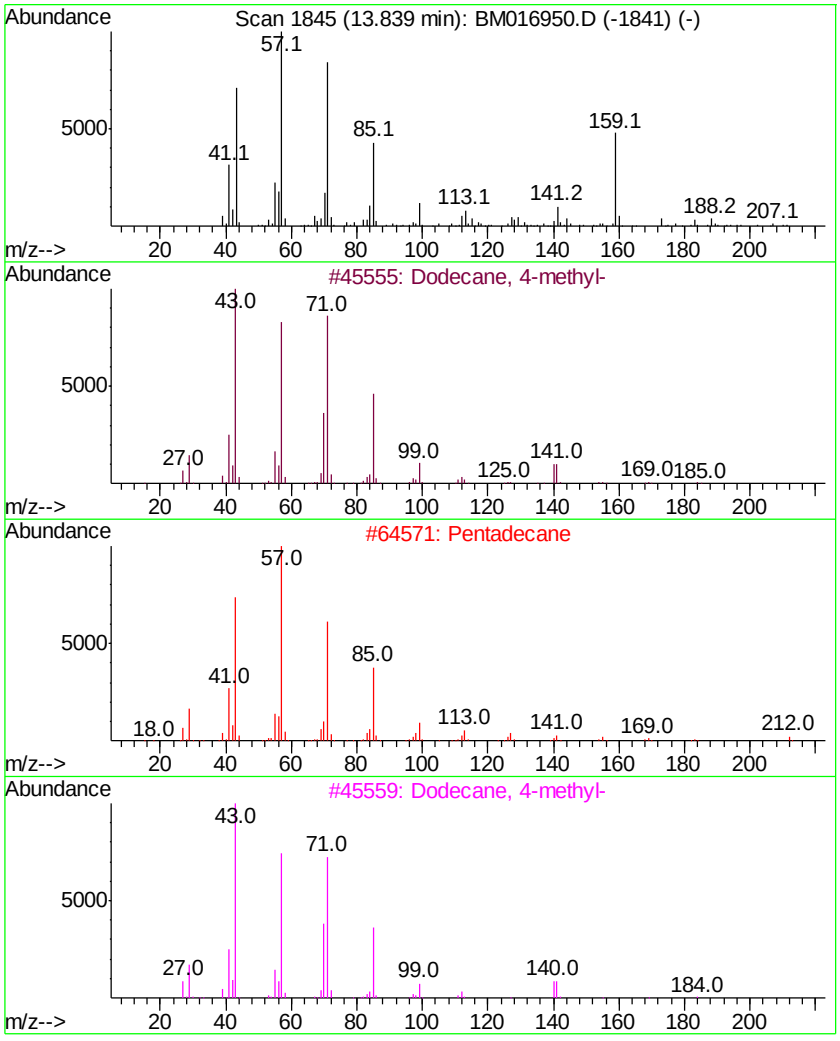
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

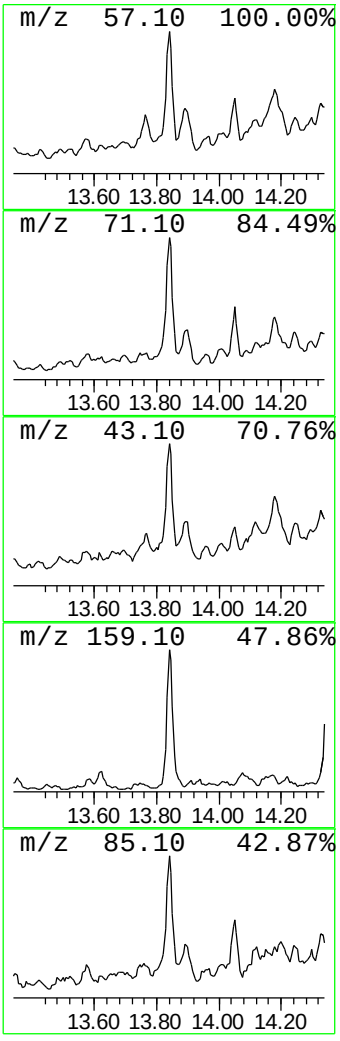
**********

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.84 | 2.39 ng/ul | 612967 | Acenaphthene-d10 | 14.35 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 4-methyl- | 184 | C13H28 | 006117-97-1 | 70 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 58 |
| 3 | Dodecane, 4-methyl- | 184 | C13H28 | 006117-97-1 | 58 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 58 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 58 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016950.D
Acq On : 02 Oct 2018 08:27
Operator : MJ/SJ
Sample : J5125-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

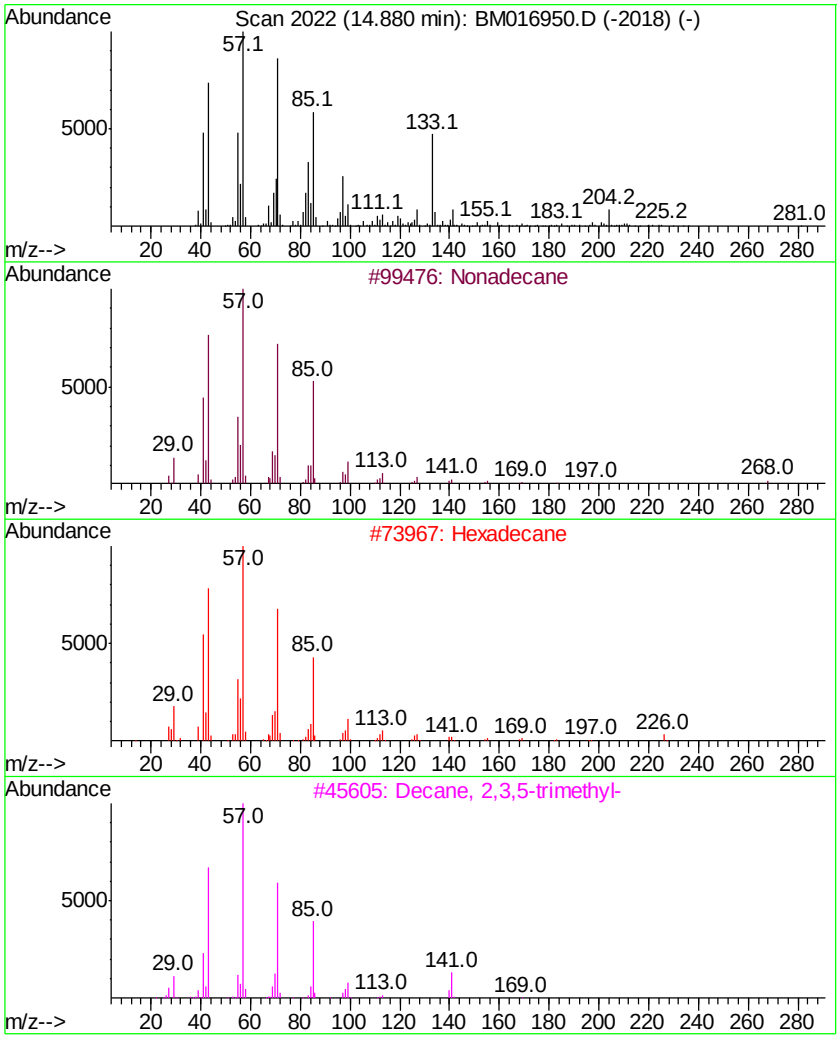
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

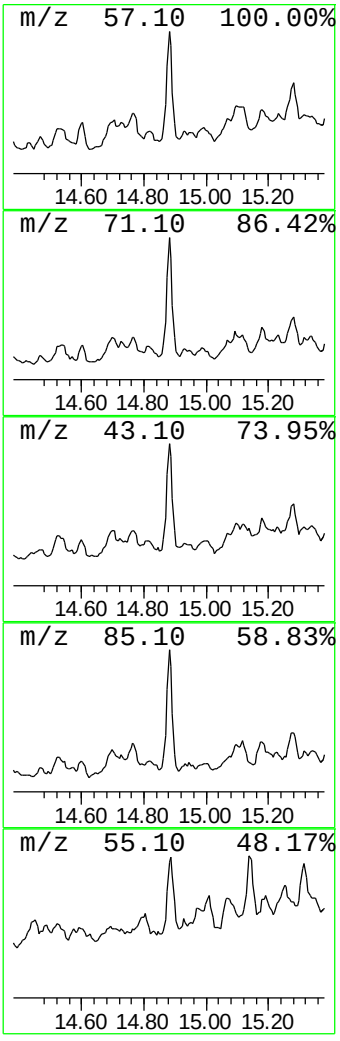
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.88 | 5.05 ng/ul | 1294520 | Acenaphthene-d10 | 14.35 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 58 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 58 |
| 3 | Decane, 2,3,5-trimethyl- | 184 | C13H28 | 062238-11-3 | 52 |
| 4 | Decane, 2,3,6-trimethyl- | 184 | C13H28 | 062238-12-4 | 50 |
| 5 | Dodecane, 4,6-dimethyl- | 198 | C14H30 | 061141-72-8 | 49 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016950.D
Acq On : 02 Oct 2018 08:27
Operator : MJ/SJ
Sample : J5125-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

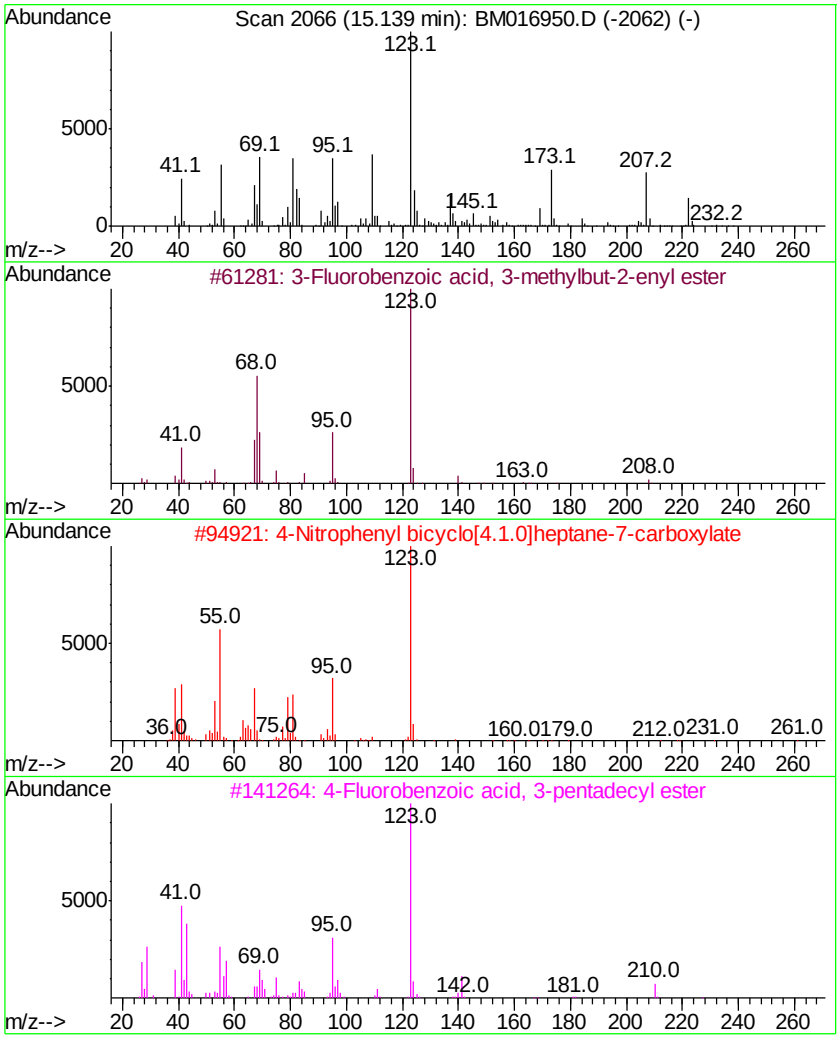
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

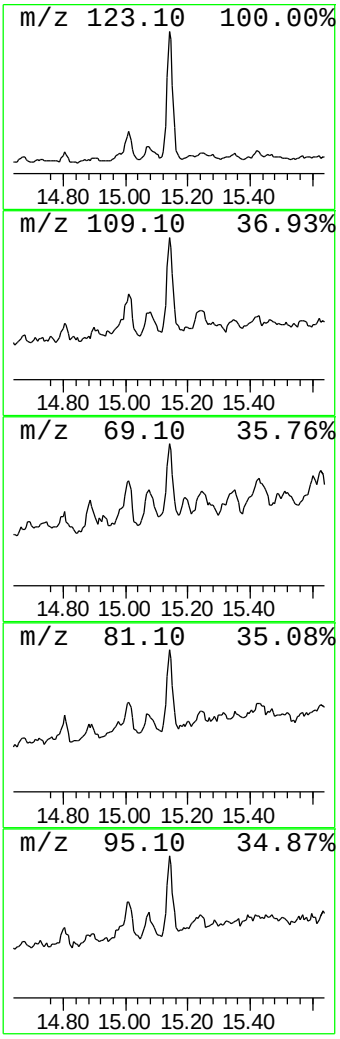
**********

Peak Number 8 unknown-02 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.14 | 4.11 ng/ul | 1053430 | Acenaphthene-d10 | 14.35 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Fluorobenzoic acid, 3-methylbu... | 208 | C12H13FO2 | 154559-38-3 | 45 |
| 2 | 4-Nitrophenyl bicyclo[4.1.0]hept... | 261 | C14H15NO4 | 328938-65-4 | 38 |
| 3 | 4-Fluorobenzoic acid, 3-pentadec... | 350 | C22H35FO2 | 1000280-68-4 | 38 |
| 4 | 4-Fluorobenzoic acid, 3-tetradec... | 336 | C21H33FO2 | 1000280-68-1 | 38 |
| 5 | 4-Chloro-2-isopropyl-5-methylphe... | 306 | C18H23ClO2 | 321918-37-0 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016950.D
Acq On : 02 Oct 2018 08:27
Operator : MJ/SJ
Sample : J5125-19
Misc :
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**Instrument :** BNA_M
**ClientSampleId :** C0B87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

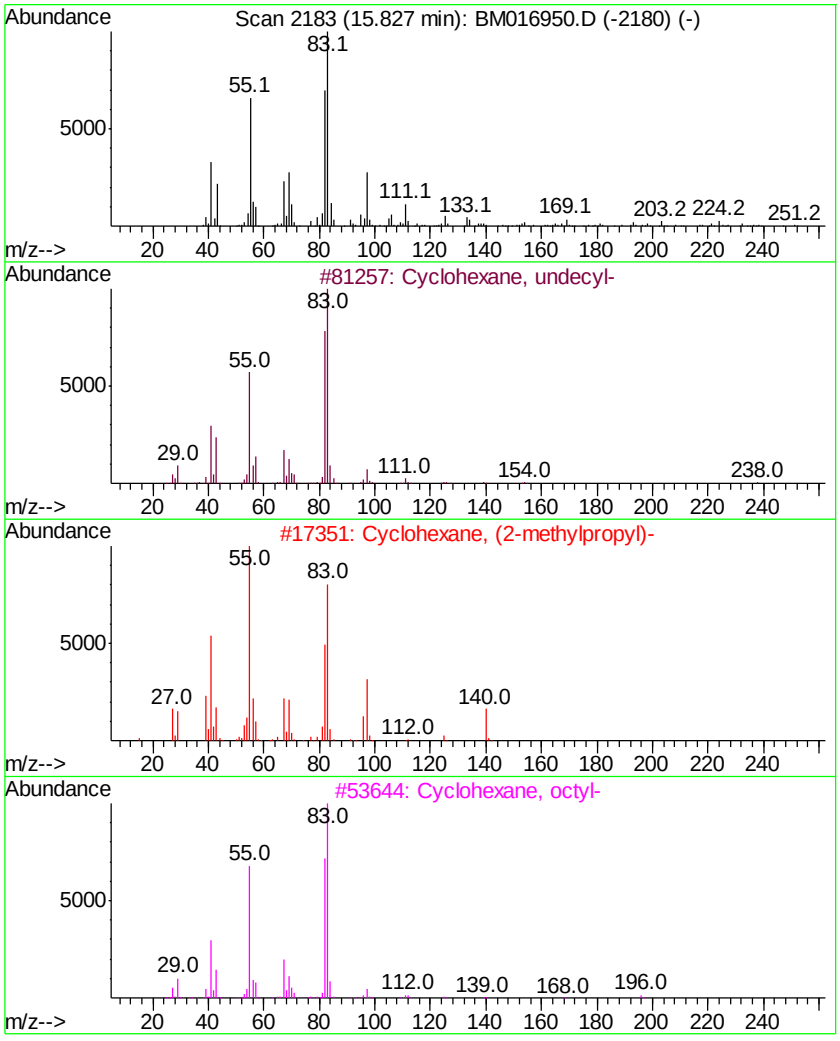
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

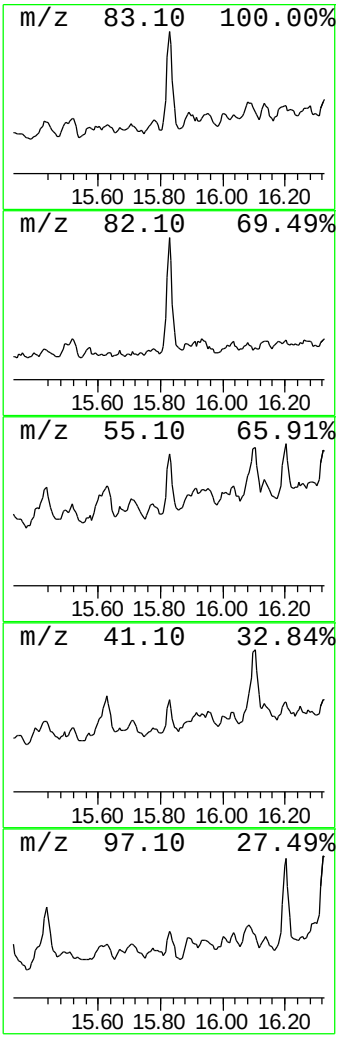
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.83 | 3.30 ng/ul | 705845 | Phenanthrene-d10 | 17.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, undecyl- | 238 | C17H34 | 054105-66-7 | 81 |
| 2 | Cyclohexane, (2-methylpropyl)- | 140 | C10H20 | 001678-98-4 | 80 |
| 3 | Cyclohexane, octyl- | 196 | C14H28 | 001795-15-9 | 74 |
| 4 | Cyclohexane, pentyl- | 154 | C11H22 | 004292-92-6 | 72 |
| 5 | Cyclohexane, 1,1'-(1,5-pentanedi... | 236 | C17H32 | 054833-31-7 | 72 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016950.D
Acq On : 02 Oct 2018 08:27
Operator : MJ/SJ
Sample : J5125-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

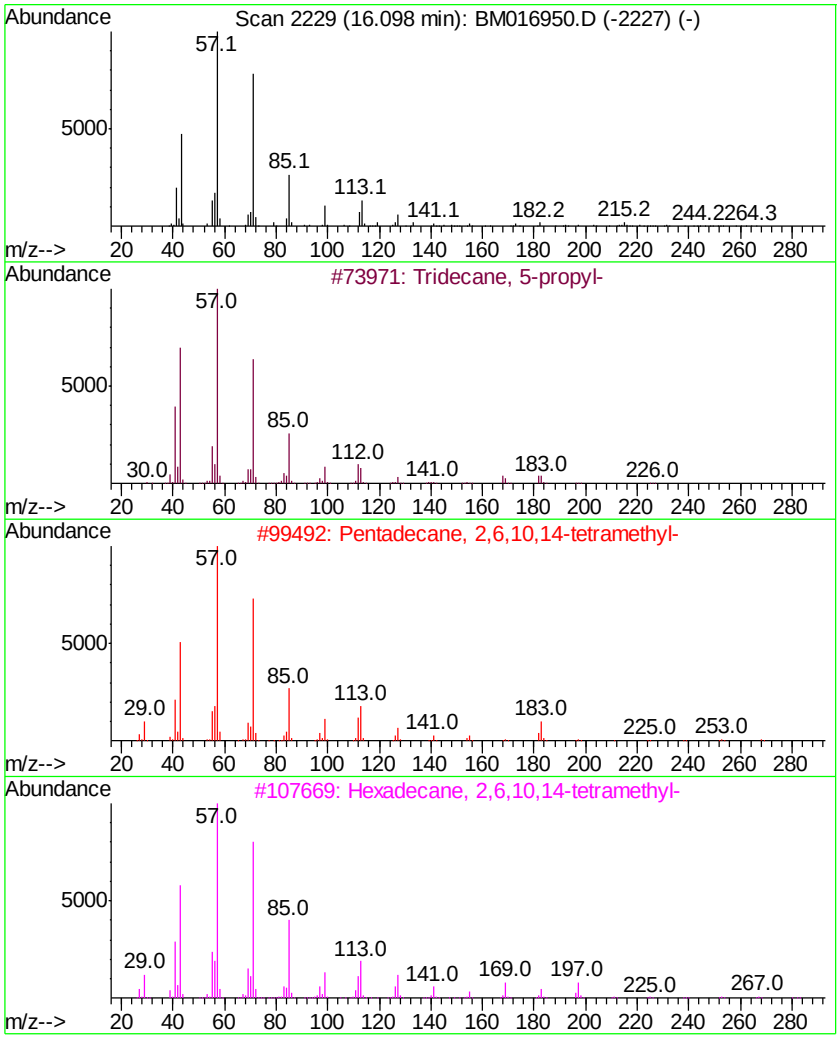
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

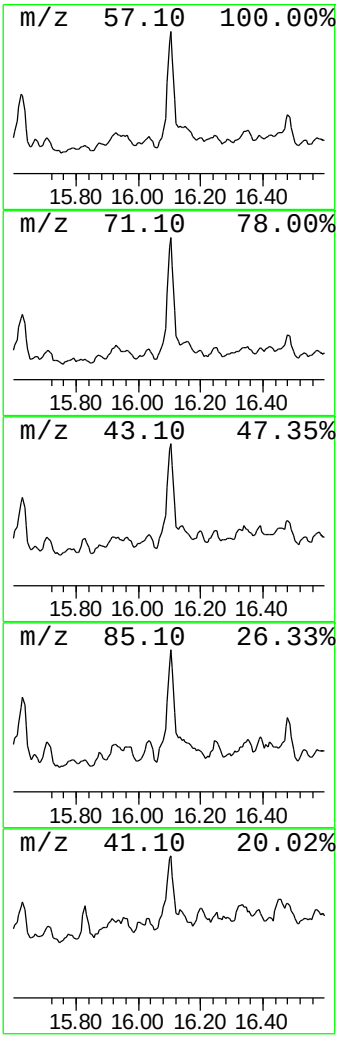
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.10 | 5.98 ng/ul | 1278870 | Phenanthrene-d10 | 17.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 5-propyl- | 226 | C16H34 | 055045-11-9 | 91 |
| 2 | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40 | 001921-70-6 | 90 |
| 3 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 83 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 78 |
| 5 | Undecane, 4,6-dimethyl- | 184 | C13H28 | 017312-82-2 | 78 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016950.D
Acq On : 02 Oct 2018 08:27
Operator : MJ/SJ
Sample : J5125-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

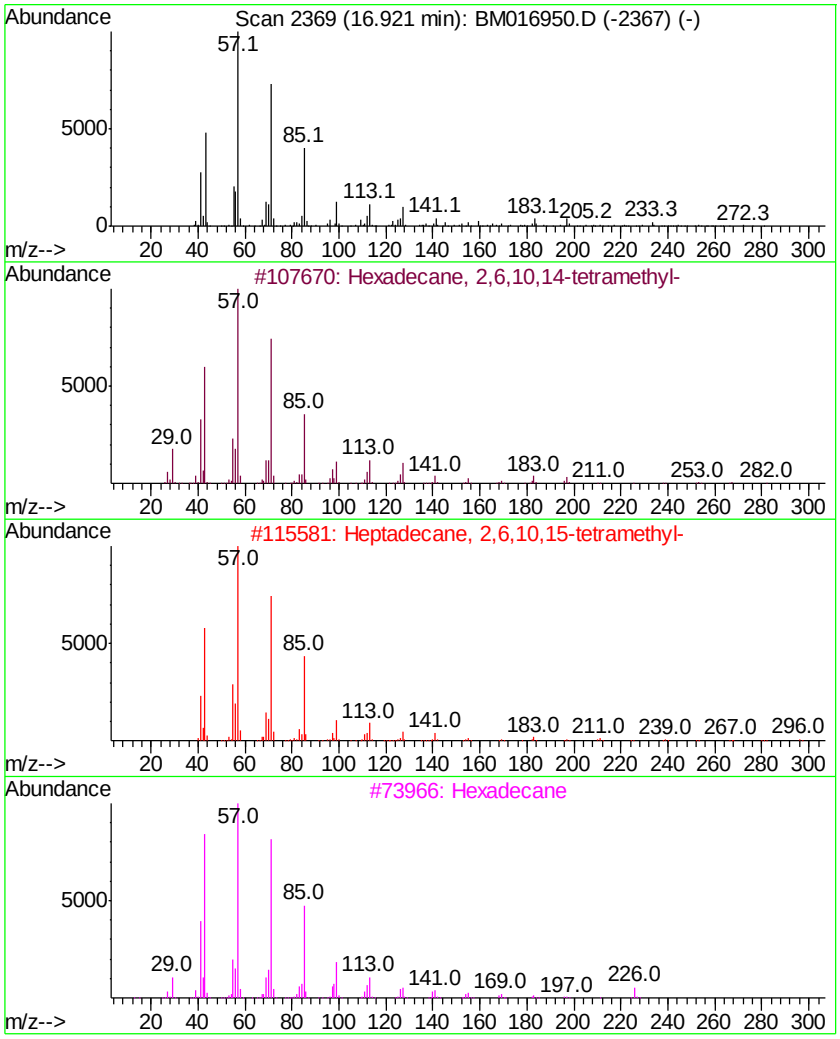
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

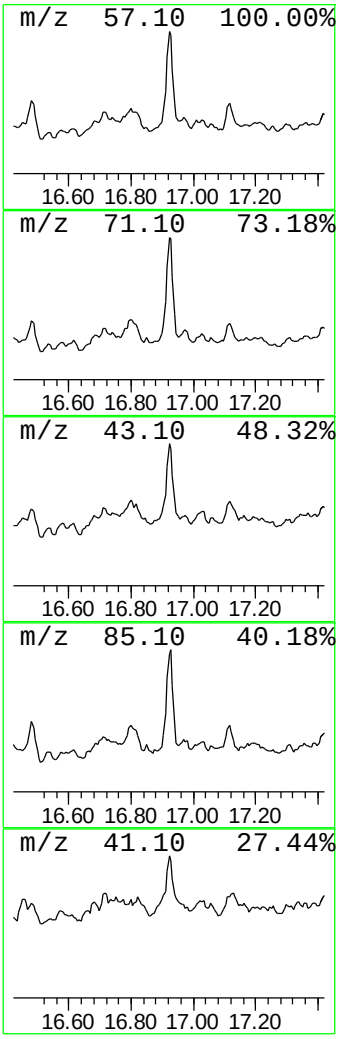
**********

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.92 | 7.10 ng/ul | 1518690 | Phenanthrene-d10 | 17.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 91 |
| 2 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 87 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |
| 4 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 86 |
| 5 | Pentadecane, 8-heptyl- | 310 | C22H46 | 071005-15-7 | 86 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016950.D
Acq On : 02 Oct 2018 08:27
Operator : MJ/SJ
Sample : J5125-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

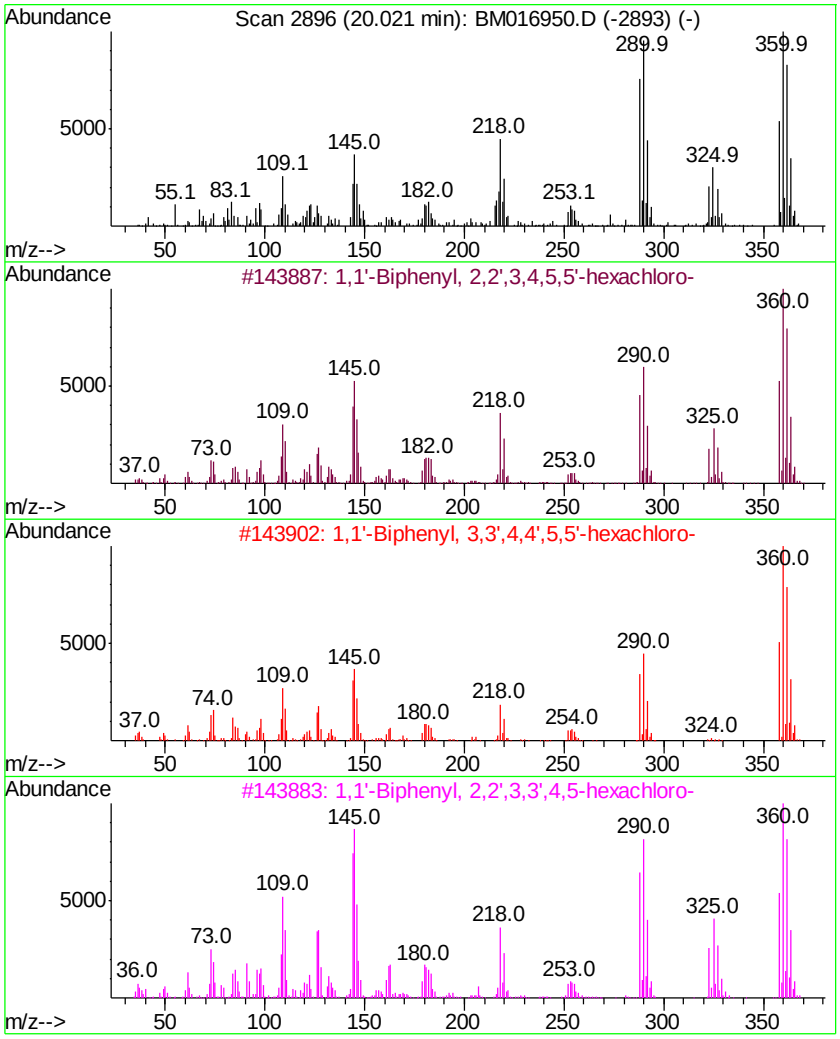
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

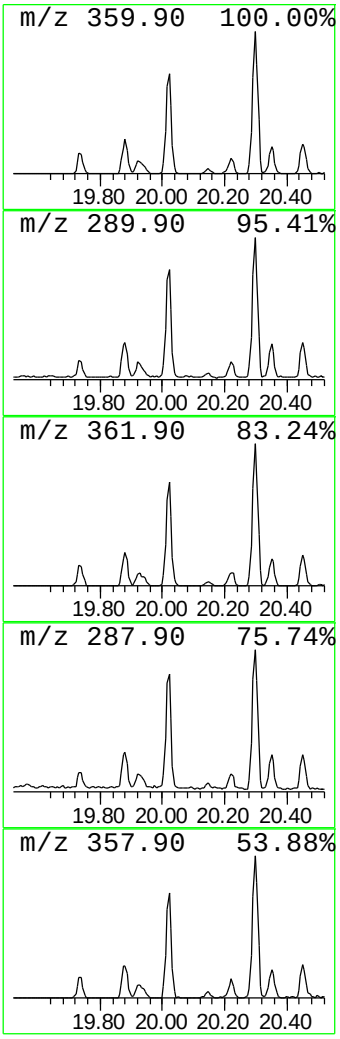
**********

Peak Number 12 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.02 | 4.49 ng/ul | 875322 | Chrysene-d12 | 21.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,2',3,4,5,5'-hex... | 358 | C12H4Cl6 | 052712-04-6 | 99 |
| 2 | 1,1'-Biphenyl, 3,3',4,4',5,5'-he... | 358 | C12H4Cl6 | 032774-16-6 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',3,3',4,5-hex... | 358 | C12H4Cl6 | 055215-18-4 | 99 |
| 4 | 1,1'-Biphenyl, 2,2',3,4,5,6'-Hex... | 358 | C12H4Cl6 | 068194-15-0 | 99 |
| 5 | 1,1'-Biphenyl, 2,2',3,3',6,6'-he... | 358 | C12H4Cl6 | 038411-22-2 | 99 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016950.D
Acq On : 02 Oct 2018 08:27
Operator : MJ/SJ
Sample : J5125-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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

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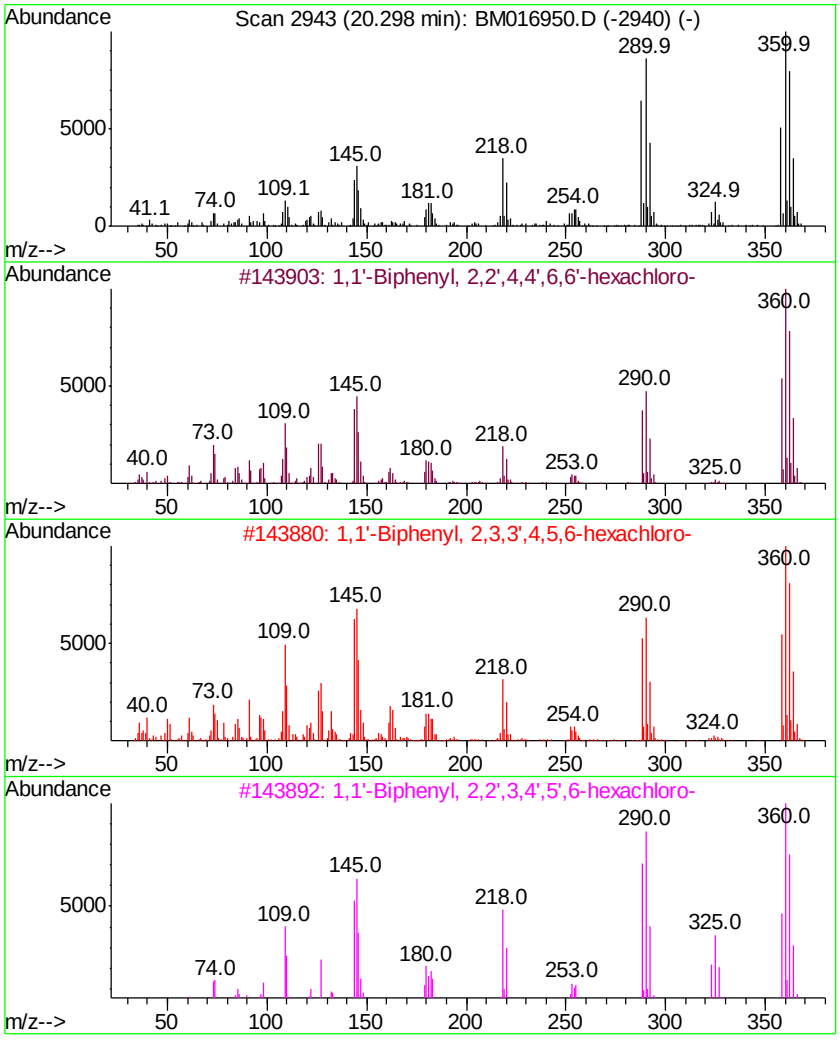
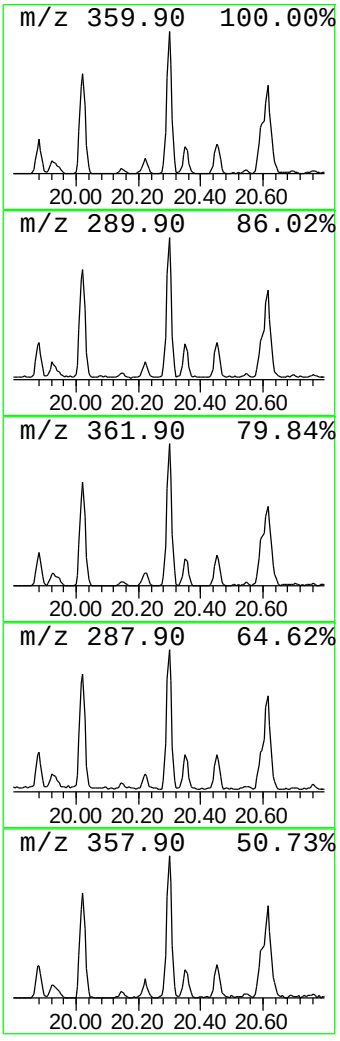
Peak Number 13 1,1'-Biphenyl, 2,2',4,4',6,... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.30 | 5.09 ng/ul | 992702 | Chrysene-d12 | 21.29 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,1'-Biphenyl, 2,2',4,4',6,6'-he... | 358 | C12H4Cl6 | 033979-03-2 | 99 |
| 2 | 1,1'-Biphenyl, 2,3,3',4,5,6-hexa... | 358 | C12H4Cl6 | 041411-62-5 | 99 |
| 3 | 1,1'-Biphenyl, 2,2',3,4',5',6-he... | 358 | C12H4Cl6 | 038380-04-0 | 96 |
| 4 | 1,1'-Biphenyl, 2,2',3,3',4,5-hex... | 358 | C12H4Cl6 | 055215-18-4 | 96 |
| 5 | 1,1'-Biphenyl, 2,2',3,4,5,6'-Hex... | 358 | C12H4Cl6 | 068194-15-0 | 95 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100118\
Data File : BM016950.D
Acq On : 02 Oct 2018 08:27
Operator : MJ/SJ
Sample : J5125-19
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0B87

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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 |
| (DEL) Alkane: Str... | 3.19 | 11.4 | ng/ul | 1259430 | 1 | 7.71 | 2209300 | 20.0 |
| Decahydro-4,4,8,9... | 13.76 | 2.7 | ng/ul | 698483 | 3 | 14.35 | 5128720 | 20.0 |
| (DEL) Alkane: Str... | 13.84 | 2.4 | ng/ul | 612967 | 3 | 14.35 | 5128720 | 20.0 |
| (DEL) Alkane: Str... | 14.88 | 5.0 | ng/ul | 1294520 | 3 | 14.35 | 5128720 | 20.0 |
| unknown-02 | 15.14 | 4.1 | ng/ul | 1053430 | 3 | 14.35 | 5128720 | 20.0 |
| (DEL) Alkane: Str... | 15.83 | 3.3 | ng/ul | 705845 | 4 | 17.10 | 4276820 | 20.0 |
| (DEL) Alkane: Str... | 16.10 | 6.0 | ng/ul | 1278870 | 4 | 17.10 | 4276820 | 20.0 |
| (DEL) Alkane: Str... | 16.92 | 7.1 | ng/ul | 1518690 | 4 | 17.10 | 4276820 | 20.0 |
| 1,1'-Biphenyl, 2,... | 20.02 | 4.5 | ng/ul | 875322 | 5 | 21.29 | 3900590 | 20.0 |
| 1,1'-Biphenyl, 2,... | 20.30 | 5.1 | ng/ul | 992702 | 5 | 21.29 | 3900590 | 20.0 |