LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003865.D
Acq On : 12 Dec 2018 23:29
Operator : JU/SJ
Sample : J6299-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** F9F37

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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 | 3.017 | 3 | 5 | 25 | rVB | 142279 | 218452 | 18.67% | 3.082% |
| 2 | 6.987 | 675 | 680 | 688 | rBB2 | 14811 | 25148 | 2.15% | 0.355% |
| 3 | 7.164 | 705 | 710 | 720 | rBB | 63902 | 98861 | 8.45% | 1.395% |
| 4 | 7.358 | 738 | 743 | 750 | rBB | 63241 | 96457 | 8.24% | 1.361% |
| 5 | 7.834 | 818 | 824 | 828 | rBV | 50591 | 80131 | 6.85% | 1.131% |
| 6 | 8.522 | 936 | 941 | 950 | rBB | 50540 | 75644 | 6.46% | 1.067% |
| 7 | 8.922 | 1004 | 1009 | 1015 | rBB | 30287 | 45217 | 3.86% | 0.638% |
| 8 | 8.999 | 1015 | 1022 | 1027 | rBV | 81954 | 135882 | 11.61% | 1.917% |
| 9 | 9.711 | 1138 | 1143 | 1150 | rBB | 70524 | 106250 | 9.08% | 1.499% |
| 10 | 10.240 | 1227 | 1233 | 1242 | rBV | 97903 | 158864 | 13.58% | 2.242% |
| 11 | 10.628 | 1292 | 1299 | 1305 | rBV | 88979 | 145873 | 12.47% | 2.058% |
| 12 | 11.905 | 1511 | 1516 | 1521 | rBB | 8886 | 13374 | 1.14% | 0.189% |
| 13 | 12.804 | 1665 | 1669 | 1679 | rBV | 11434 | 20279 | 1.73% | 0.286% |
| 14 | 13.057 | 1707 | 1712 | 1717 | rBB | 27237 | 37657 | 3.22% | 0.531% |
| 15 | 13.869 | 1845 | 1850 | 1858 | rBV | 243953 | 327435 | 27.98% | 4.620% |
| 16 | 14.163 | 1893 | 1900 | 1910 | rBV | 271171 | 397720 | 33.99% | 5.612% |
| 17 | 14.469 | 1945 | 1952 | 1959 | rVB2 | 150964 | 228265 | 19.51% | 3.221% |
| 18 | 14.663 | 1979 | 1985 | 1994 | rBV | 13958 | 21671 | 1.85% | 0.306% |
| 19 | 15.457 | 2114 | 2120 | 2129 | rBV | 390351 | 536327 | 45.84% | 7.568% |
| 20 | 15.581 | 2136 | 2141 | 2146 | rBV | 116414 | 151342 | 12.93% | 2.135% |
| 21 | 17.210 | 2412 | 2418 | 2426 | rBV | 228151 | 307932 | 26.32% | 4.345% |
| 22 | 17.310 | 2429 | 2435 | 2447 | rVB | 436136 | 613908 | 52.47% | 8.662% |
| 23 | 17.857 | 2525 | 2528 | 2532 | rVB | 33227 | 33333 | 2.85% | 0.470% |
| 24 | 19.604 | 2819 | 2825 | 2833 | rBV | 599022 | 798697 | 68.26% | 11.270% |
| 25 | 21.392 | 3123 | 3129 | 3135 | rBV | 375397 | 476975 | 40.76% | 6.730% |
| 26 | 22.427 | 3301 | 3305 | 3309 | rBV2 | 14435 | 17721 | 1.51% | 0.250% |
| 27 | 22.945 | 3389 | 3393 | 3398 | rVB3 | 19445 | 27804 | 2.38% | 0.392% |
| 28 | 23.557 | 3488 | 3497 | 3507 | rVB | 622464 | 1170120 | 100.00% | 16.511% |
| 29 | 23.704 | 3514 | 3522 | 3530 | rBV | 295181 | 564379 | 48.23% | 7.964% |
| 30 | 24.192 | 3600 | 3605 | 3613 | rBV | 21931 | 43562 | 3.72% | 0.615% |
| 31 | 24.963 | 3730 | 3736 | 3745 | rVB | 21919 | 48000 | 4.10% | 0.677% |
| 32 | 25.863 | 3884 | 3889 | 3896 | rVB2 | 14472 | 31893 | 2.73% | 0.450% |
| 33 | 26.921 | 4063 | 4069 | 4078 | rVB2 | 11325 | 31897 | 2.73% | 0.450% |

LSC Area Percent Report

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Data File : BN003865.D
Acq On : 12 Dec 2018 23:29
Operator : JU/SJ
Sample : J6299-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** F9F37

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Title : SVOA CALIBRATION

Sum of corrected areas: 7087070

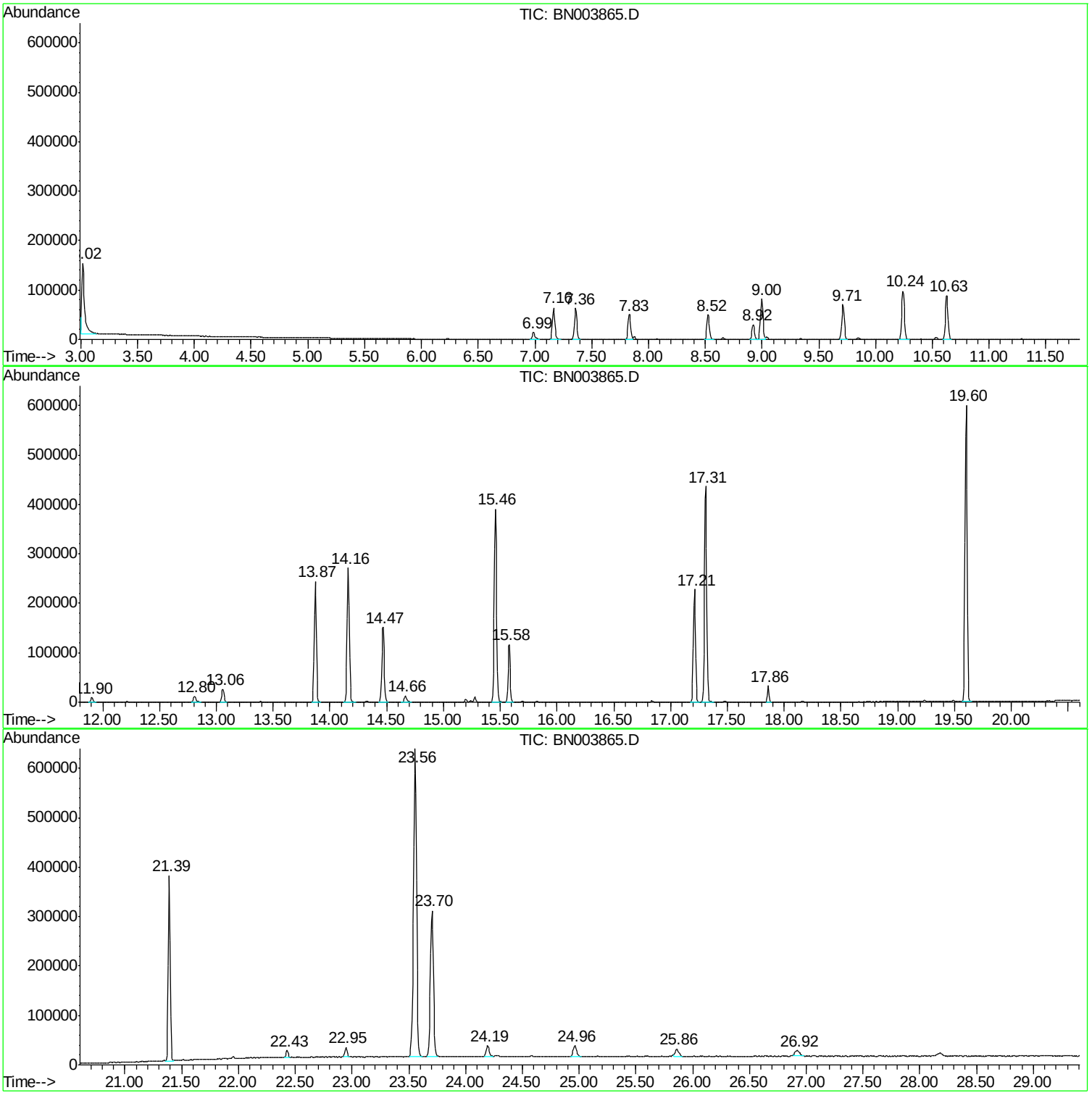
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003865.D
Acq On : 12 Dec 2018 23:29
Operator : JU/SJ
Sample : J6299-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** F9F37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003865.D
Acq On : 12 Dec 2018 23:29
Operator : JU/SJ
Sample : J6299-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** F9F37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

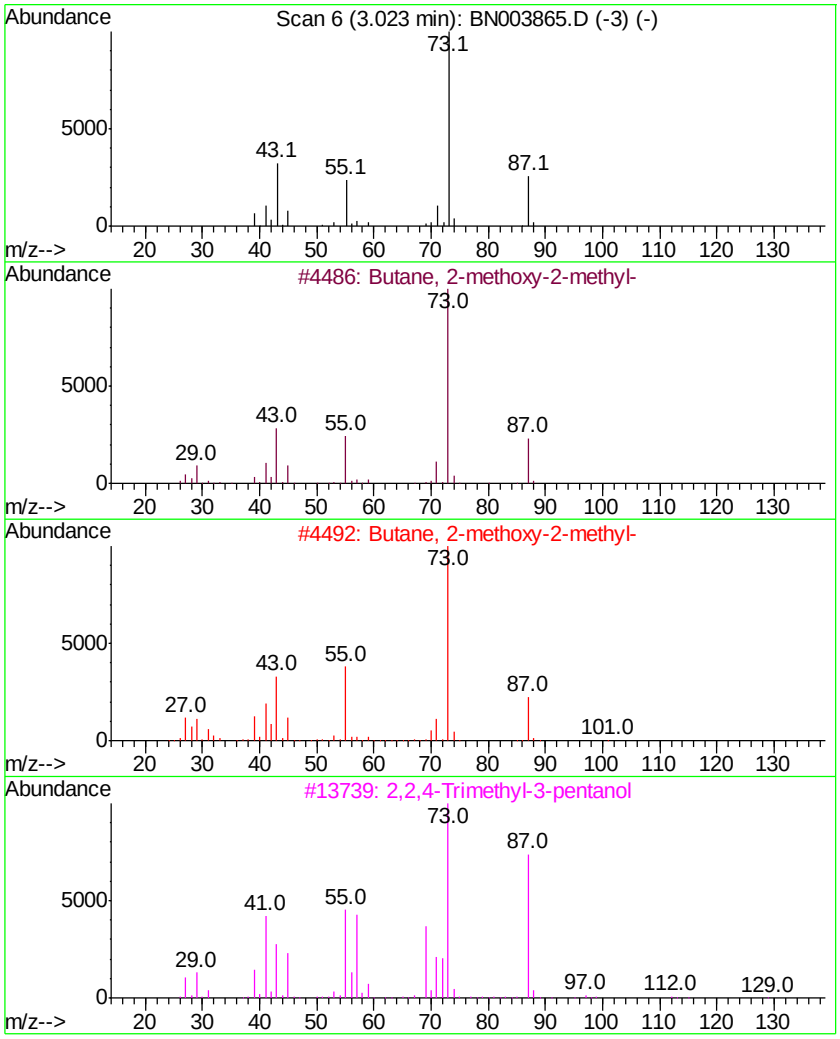
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

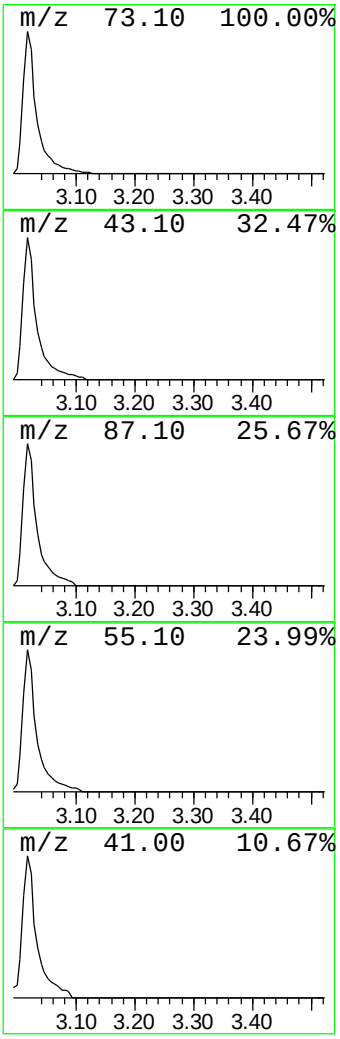
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.02 | 54.52 ng/ul | 218452 | 1,4-Dichlorobenzene-d4 | 7.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 86 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 39 |
| 4 | Silane, ethyltrimethyl- | 102 | C5H14Si | 003439-38-1 | 33 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 23 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003865.D
Acq On : 12 Dec 2018 23:29
Operator : JU/SJ
Sample : J6299-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** F9F37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

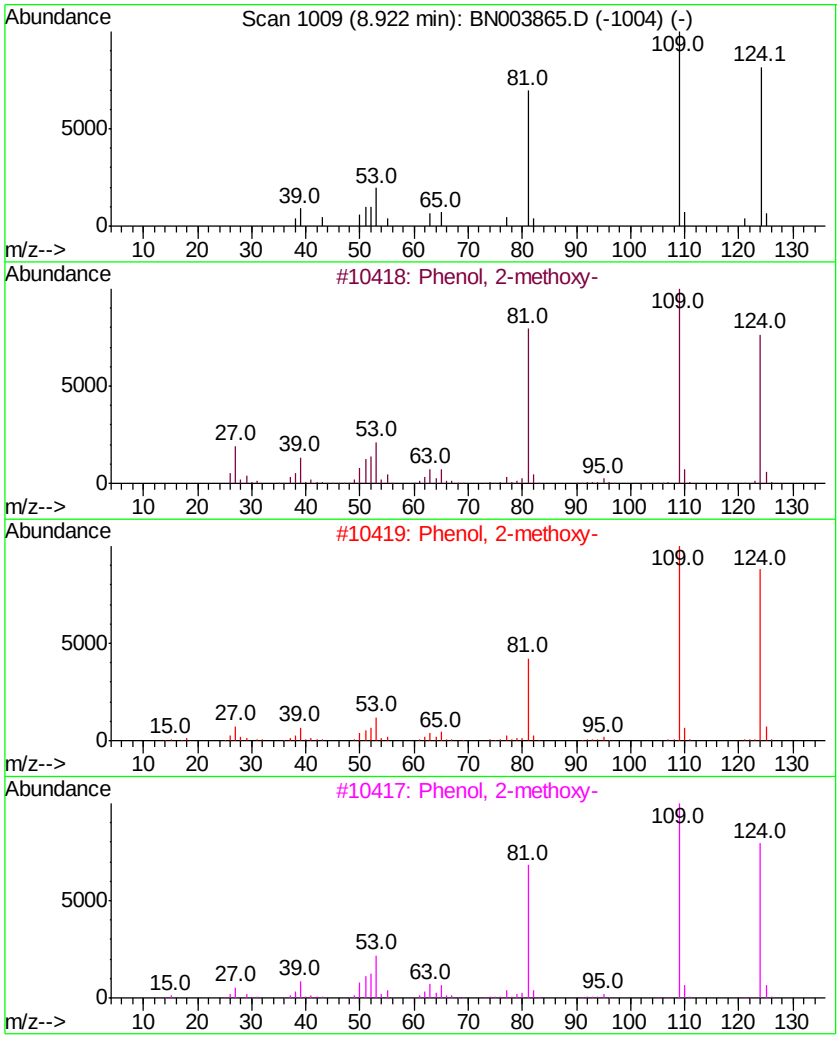
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

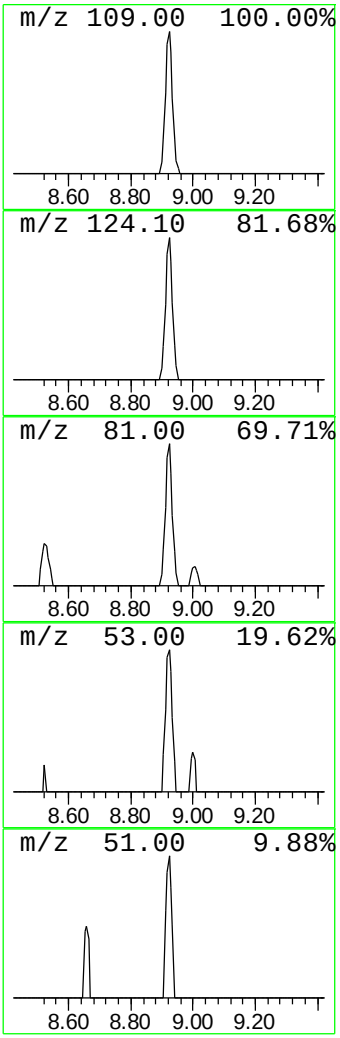
**********

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.92 | 11.29 ng/ul | 45217 | 1,4-Dichlorobenzene-d4 | 7.83 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-methoxy- | 124 | C7H8O2 | 000090-05-1 | 91 |
| 2 | Phenol, 2-methoxy- | 124 | C7H8O2 | 000090-05-1 | 91 |
| 3 | Phenol, 2-methoxy- | 124 | C7H8O2 | 000090-05-1 | 91 |
| 4 | Ethanone, 1-(2-methyl-1-cyclopen... | 124 | C8H12O | 003168-90-9 | 86 |
| 5 | Mequinol | 124 | C7H8O2 | 000150-76-5 | 86 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003865.D
Acq On : 12 Dec 2018 23:29
Operator : JU/SJ
Sample : J6299-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** F9F37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

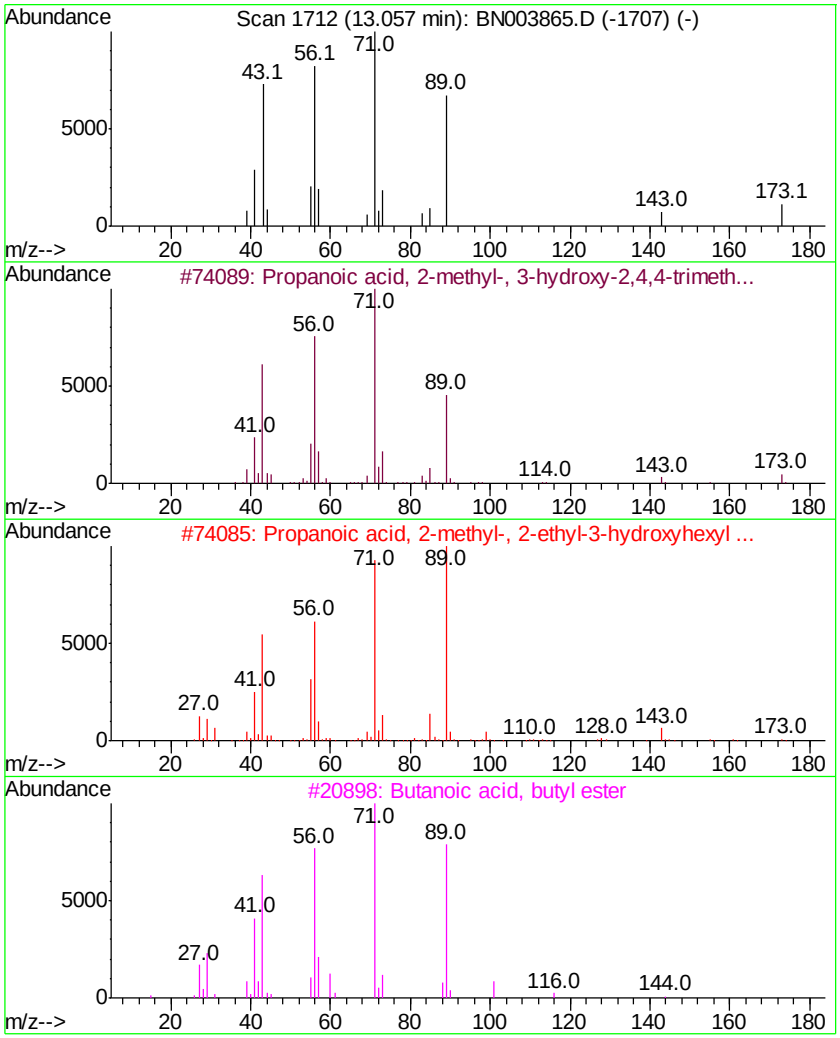
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

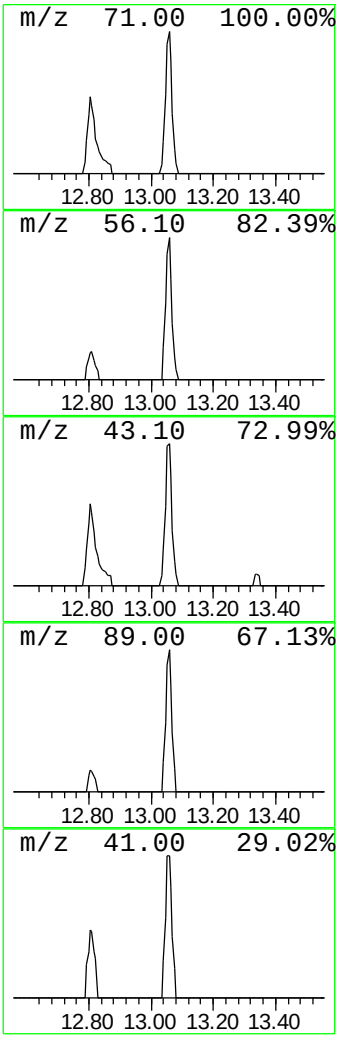
**********

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.06 | 3.30 ng/ul | 37657 | Acenaphthene-d10 | 14.46 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, 2-methyl-, 3-hyd... | 216 | C12H24O3 | 074367-34-3 | 83 |
| 2 | Propanoic acid, 2-methyl-, 2-eth... | 216 | C12H24O3 | 074367-31-0 | 78 |
| 3 | Butanoic acid, butyl ester | 144 | C8H16O2 | 000109-21-7 | 72 |
| 4 | Butanoic acid, hexyl ester | 172 | C10H20O2 | 002639-63-6 | 42 |
| 5 | Butanoic acid, hexyl ester | 172 | C10H20O2 | 002639-63-6 | 40 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003865.D
Acq On : 12 Dec 2018 23:29
Operator : JU/SJ
Sample : J6299-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** F9F37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

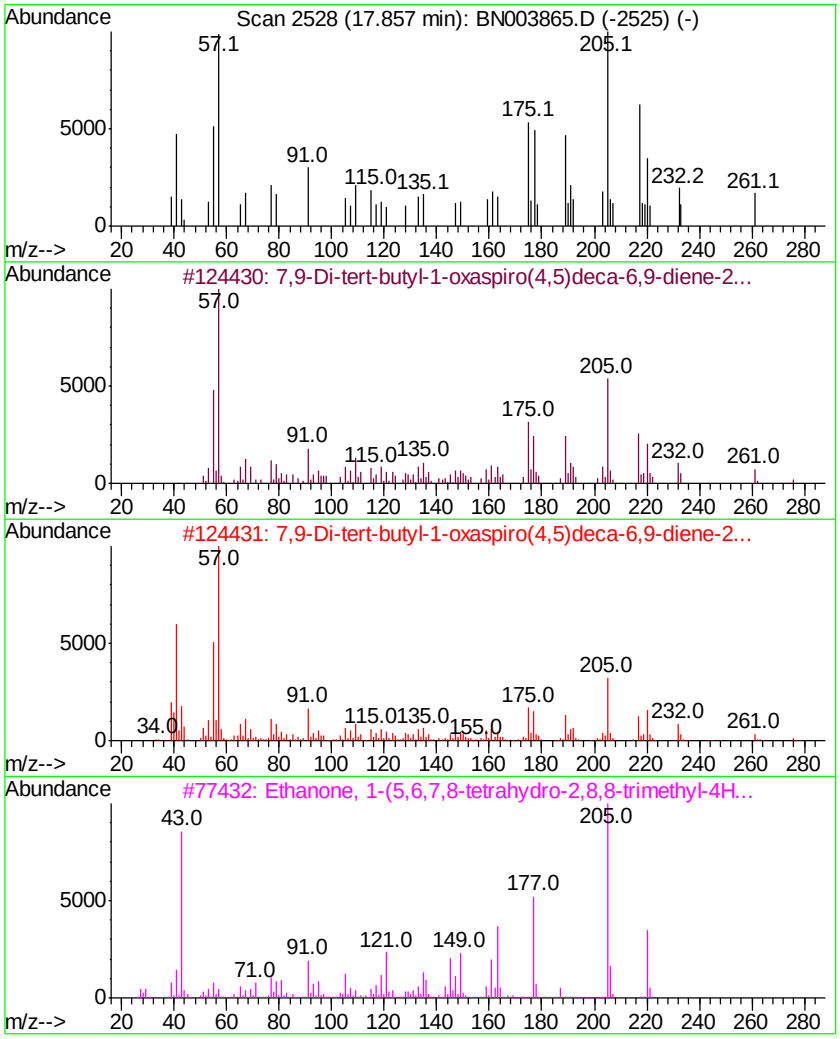
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

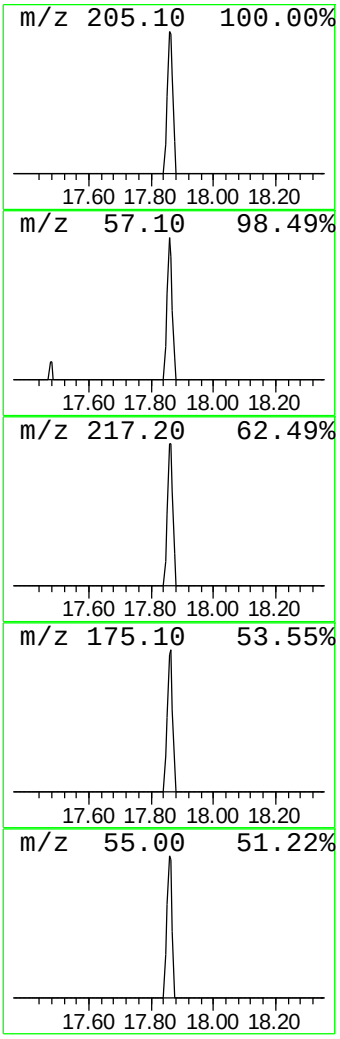
**********

Peak Number 4 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.86 | 2.16 ng/ul | 33333 | Phenanthrene-d10 | 17.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3 | 082304-66-3 | 91 |
| 2 | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3 | 082304-66-3 | 72 |
| 3 | Ethanone, 1-(5,6,7,8-tetrahydro-... | 220 | C14H20O2 | 071596-88-8 | 41 |
| 4 | 1,3-Pentadiene, 1,1-diphenyl-, (Z)- | 220 | C17H16 | 015295-31-5 | 30 |
| 5 | 2,4-Dimethyl-5,6-dimethoxy-8-ami... | 232 | C13H16N2O2 | 064993-02-8 | 22 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121218\
Data File : BN003865.D
Acq On : 12 Dec 2018 23:29
Operator : JU/SJ
Sample : J6299-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** F9F37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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 |
| Butane, 2-methoxy... | 3.02 | 54.5 | ng/ul | 218452 | 1 | 7.83 | 80131 | 20.0 |
| Phenol, 2-methoxy- | 8.92 | 11.3 | ng/ul | 45217 | 1 | 7.83 | 80131 | 20.0 |
| Propanoic acid, 2... | 13.06 | 3.3 | ng/ul | 37657 | 3 | 14.46 | 228265 | 20.0 |
| 7,9-Di-tert-butyl... | 17.86 | 2.2 | ng/ul | 33333 | 4 | 17.21 | 307932 | 20.0 |