# LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001696.D
Acq On : 27 Jan 2020 18:04
Operator : CG/JU
Sample : L1242-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 20200065-AMENDED-COMP-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_P\METHODS\8270-BP010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.834 | 3 | 8 | 21 | rVB | 64134 | 99193 | 5.23% | 0.786% |
| 2 | 4.711 | 318 | 327 | 342 | rBV | 1130073 | 1579297 | 83.28% | 12.517% |
| 3 | 5.175 | 399 | 406 | 414 | rBV | 145348 | 222295 | 11.72% | 1.762% |
| 4 | 6.752 | 667 | 674 | 686 | rBV | 340793 | 569362 | 30.02% | 4.513% |
| 5 | 7.552 | 804 | 810 | 818 | rBV | 97338 | 153780 | 8.11% | 1.219% |
| 6 | 7.869 | 856 | 864 | 872 | rBV | 380608 | 590603 | 31.14% | 4.681% |
| 7 | 8.334 | 937 | 943 | 953 | rVB2 | 27182 | 49948 | 2.63% | 0.396% |
| 8 | 8.699 | 991 | 1005 | 1015 | rBV | 350840 | 582523 | 30.72% | 4.617% |
| 9 | 9.040 | 1055 | 1063 | 1071 | rBV | 387146 | 658012 | 34.70% | 5.215% |
| 10 | 10.328 | 1275 | 1282 | 1288 | rBV | 137834 | 226682 | 11.95% | 1.797% |
| 11 | 12.828 | 1700 | 1707 | 1714 | rBV | 779866 | 1150898 | 60.69% | 9.122% |
| 12 | 13.210 | 1765 | 1772 | 1779 | rBV2 | 78486 | 128440 | 6.77% | 1.018% |
| 13 | 13.675 | 1846 | 1851 | 1857 | rBV | 89127 | 120206 | 6.34% | 0.953% |
| 14 | 14.210 | 1935 | 1942 | 1949 | rBV | 242450 | 346851 | 18.29% | 2.749% |
| 15 | 14.275 | 1949 | 1953 | 1958 | rVB | 17877 | 25707 | 1.36% | 0.204% |
| 16 | 15.592 | 2172 | 2177 | 2186 | rVB3 | 12891 | 24498 | 1.29% | 0.194% |
| 17 | 15.710 | 2192 | 2197 | 2210 | rBV | 144746 | 229933 | 12.12% | 1.822% |
| 18 | 15.928 | 2227 | 2234 | 2240 | rBV | 318295 | 454860 | 23.98% | 3.605% |
| 19 | 16.081 | 2256 | 2260 | 2265 | rBV | 15165 | 20321 | 1.07% | 0.161% |
| 20 | 16.139 | 2265 | 2270 | 2276 | rVB3 | 15995 | 28880 | 1.52% | 0.229% |
| 21 | 16.198 | 2276 | 2280 | 2284 | rBV3 | 14510 | 23382 | 1.23% | 0.185% |
| 22 | 16.398 | 2309 | 2314 | 2322 | rVB4 | 18001 | 38145 | 2.01% | 0.302% |
| 23 | 16.469 | 2322 | 2326 | 2329 | rBV | 15846 | 22155 | 1.17% | 0.176% |
| 24 | 16.733 | 2363 | 2371 | 2377 | rBV4 | 37642 | 72392 | 3.82% | 0.574% |
| 25 | 16.975 | 2406 | 2412 | 2416 | rBV | 289298 | 428414 | 22.59% | 3.396% |
| 26 | 17.010 | 2416 | 2418 | 2424 | rVB | 59731 | 77306 | 4.08% | 0.613% |
| 27 | 17.104 | 2429 | 2434 | 2439 | rVB | 43165 | 58919 | 3.11% | 0.467% |
| 28 | 17.392 | 2478 | 2483 | 2487 | rBV3 | 23105 | 32561 | 1.72% | 0.258% |
| 29 | 17.975 | 2577 | 2582 | 2586 | rBV3 | 13702 | 24418 | 1.29% | 0.194% |
| 30 | 18.039 | 2590 | 2593 | 2598 | rVB2 | 23354 | 32778 | 1.73% | 0.260% |
| 31 | 18.133 | 2604 | 2609 | 2616 | rBV8 | 12492 | 32174 | 1.70% | 0.255% |
| 32 | 18.339 | 2638 | 2644 | 2648 | rBV2 | 12592 | 26433 | 1.39% | 0.210% |
| 33 | 18.804 | 2719 | 2723 | 2728 | rBV5 | 12249 | 21601 | 1.14% | 0.171% |
| 34 | 18.857 | 2729 | 2732 | 2735 | rVV | 17156 | 19970 | 1.05% | 0.158% |

LSC Area Percent Report

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Operator : CG/JU
Sample : L1242-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 20200065-AMENDED-COMP-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_P\METHODS\8270-BP010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 18.998 | 2752 | 2756 | 2763 | rVB | 147448 | 187472 | 9.89% | 1.486% |
| 36 | 19.351 | 2808 | 2816 | 2824 | rBV2 | 118833 | 201436 | 10.62% | 1.597% |
| 37 | 19.569 | 2847 | 2853 | 2862 | rVB | 1627187 | 1896469 | 100.00% | 15.031% |
| 38 | 19.845 | 2896 | 2900 | 2905 | rVB | 35250 | 48378 | 2.55% | 0.383% |
| 39 | 19.939 | 2913 | 2916 | 2921 | rVB | 40987 | 46859 | 2.47% | 0.371% |
| 40 | 20.827 | 3063 | 3067 | 3074 | rVB3 | 110329 | 147088 | 7.76% | 1.166% |
| 41 | 21.021 | 3098 | 3100 | 3103 | rBV | 19505 | 19460 | 1.03% | 0.154% |
| 42 | 21.080 | 3103 | 3110 | 3114 | rVV2 | 416140 | 597475 | 31.50% | 4.735% |
| 43 | 21.116 | 3114 | 3116 | 3126 | rVB | 93458 | 118003 | 6.22% | 0.935% |
| 44 | 21.263 | 3138 | 3141 | 3144 | rVB2 | 29056 | 29203 | 1.54% | 0.231% |
| 45 | 21.698 | 3211 | 3215 | 3219 | rVB2 | 38437 | 50264 | 2.65% | 0.398% |
| 46 | 22.157 | 3289 | 3293 | 3297 | rVB | 53547 | 70949 | 3.74% | 0.562% |
| 47 | 22.621 | 3367 | 3372 | 3374 | rBV | 46348 | 75118 | 3.96% | 0.595% |
| 48 | 22.657 | 3375 | 3378 | 3383 | rVB2 | 105752 | 162792 | 8.58% | 1.290% |
| 49 | 23.086 | 3447 | 3451 | 3460 | rVB | 31994 | 64832 | 3.42% | 0.514% |
| 50 | 23.180 | 3463 | 3467 | 3471 | rBV | 41311 | 67042 | 3.54% | 0.531% |
| 51 | 23.227 | 3471 | 3475 | 3478 | rVV | 37859 | 59704 | 3.15% | 0.473% |
| 52 | 23.280 | 3478 | 3484 | 3491 | rVB | 246983 | 449103 | 23.68% | 3.560% |
| 53 | 23.868 | 3580 | 3584 | 3590 | rVB2 | 40564 | 73608 | 3.88% | 0.583% |
| 54 | 25.492 | 3854 | 3860 | 3872 | rVB4 | 26674 | 78758 | 4.15% | 0.624% |

Sum of corrected areas: 12616950

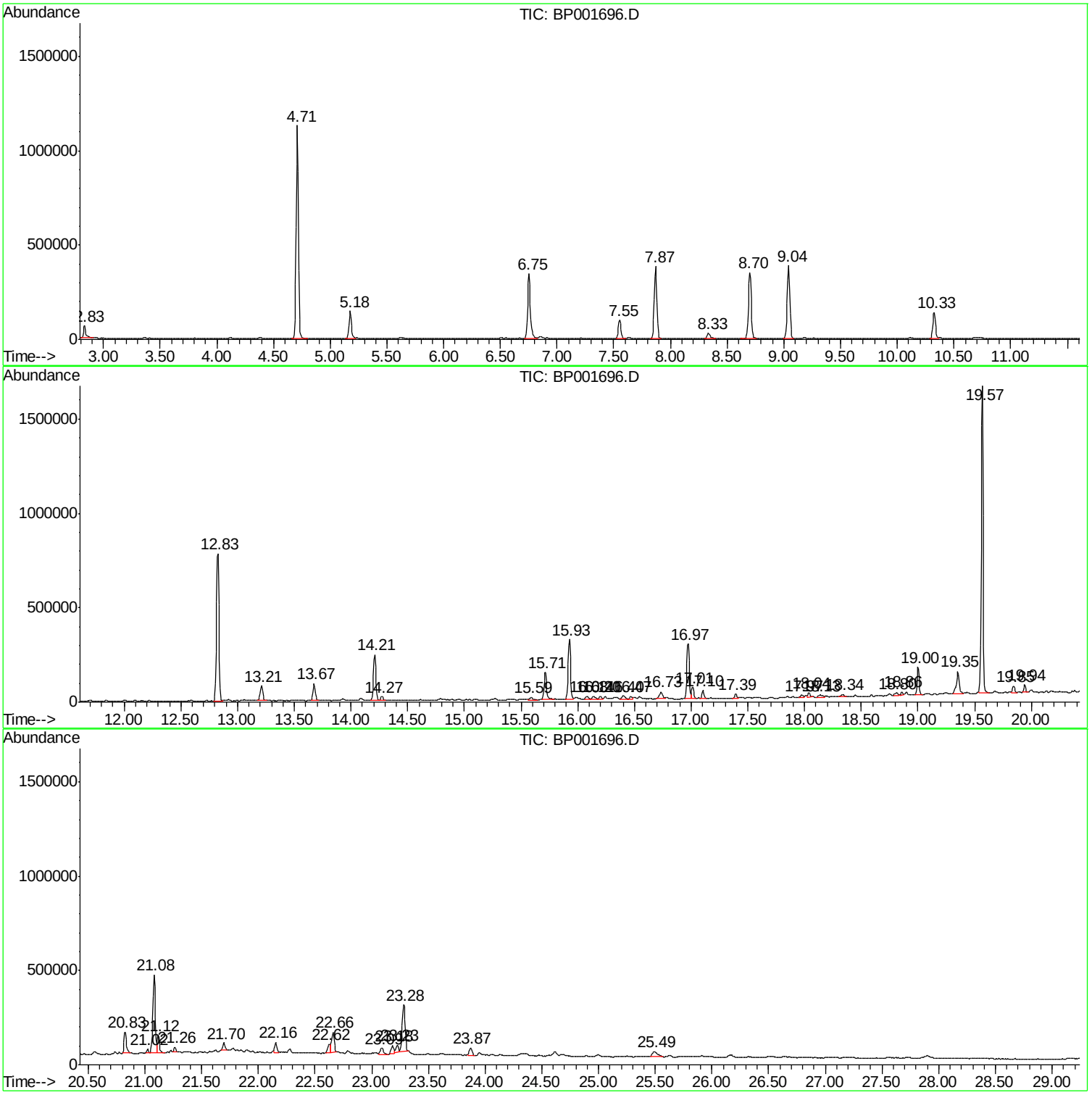
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001696.D
Acq On : 27 Jan 2020 18:04
Operator : CG/JU
Sample : L1242-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
20200065-AMENDED-COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001696.D
Acq On : 27 Jan 2020 18:04
Operator : CG/JU
Sample : L1242-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 20200065-AMENDED-COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

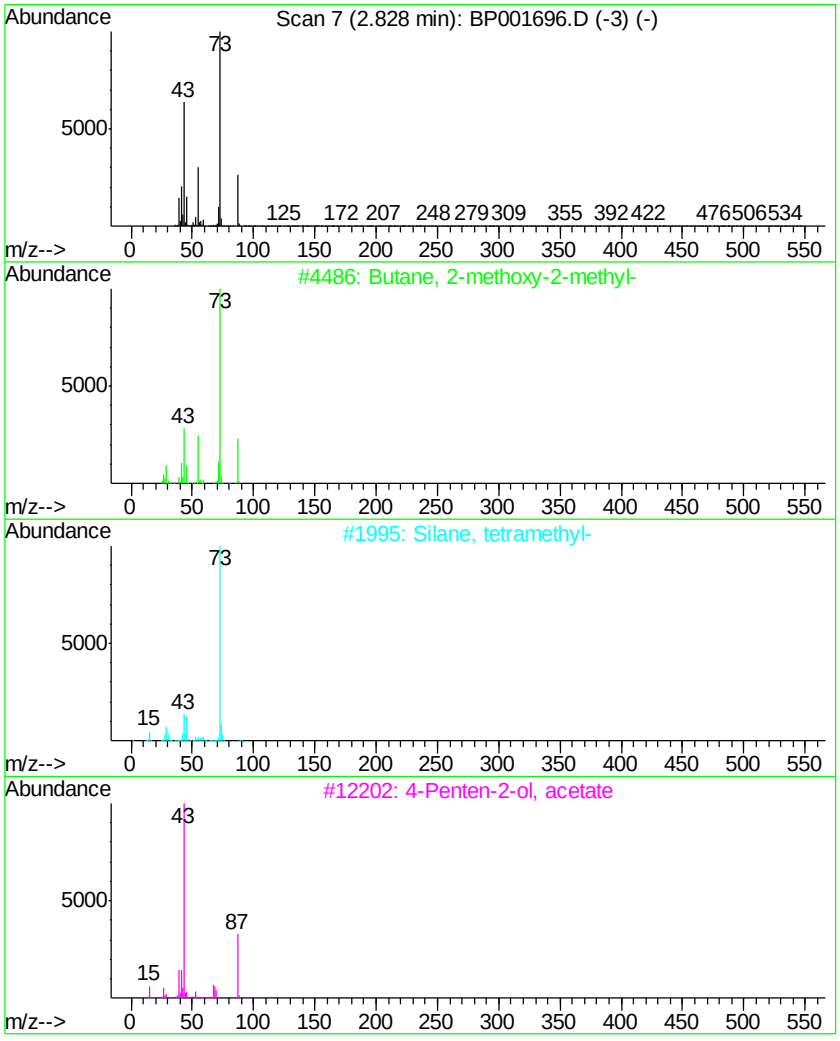
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

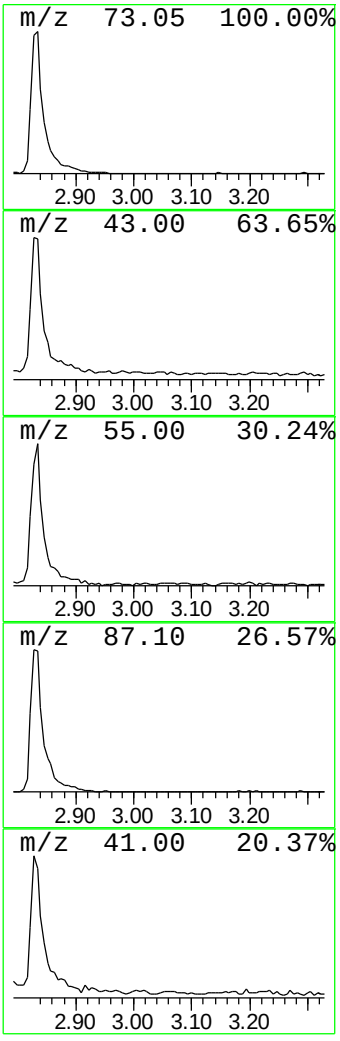
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.83 | 12.90 ng | 99193 | 1,4-Dichlorobenzene-d4 | 7.55 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 35 |
| 3 | 4-Penten-2-ol, acetate | 128 | C7H12O2 | 1000352-31-5 | 10 |
| 4 | 1-Propanol, 2-methyl- | 74 | C4H10O | 000078-83-1 | 10 |
| 5 | Acetic acid, hydrazide | 74 | C2H6N2O | 001068-57-1 | 9 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001696.D
Acq On : 27 Jan 2020 18:04
Operator : CG/JU
Sample : L1242-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 20200065-AMENDED-COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

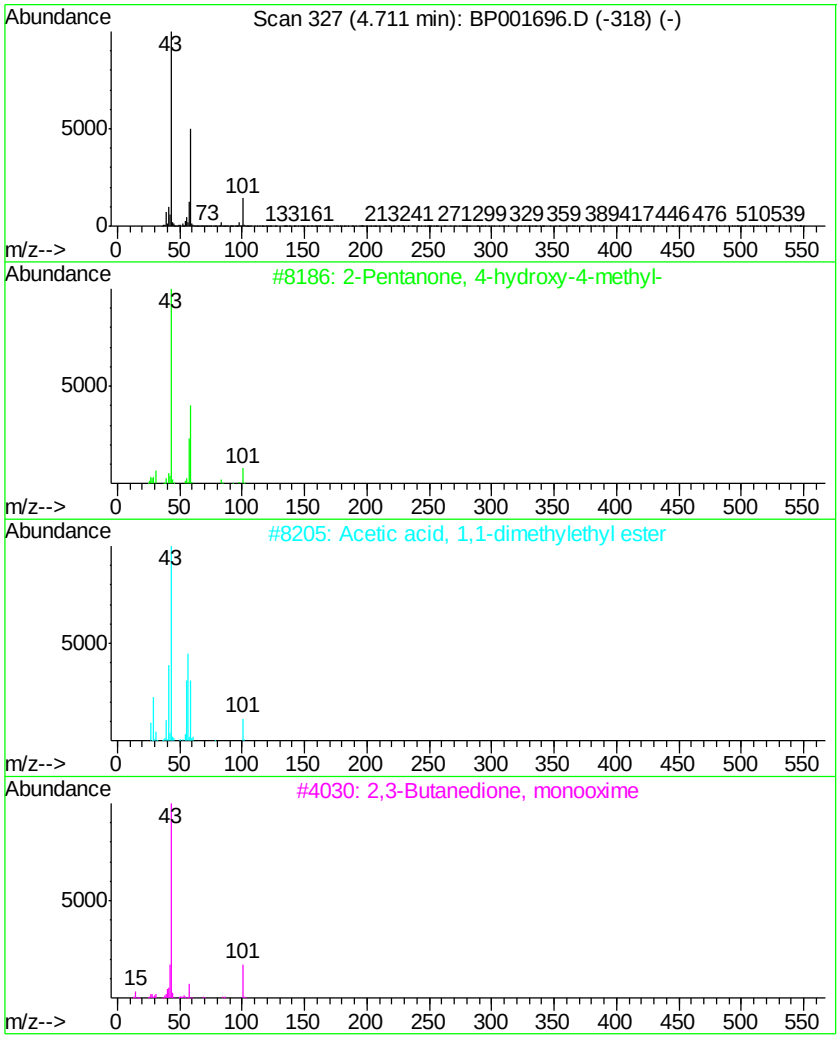
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

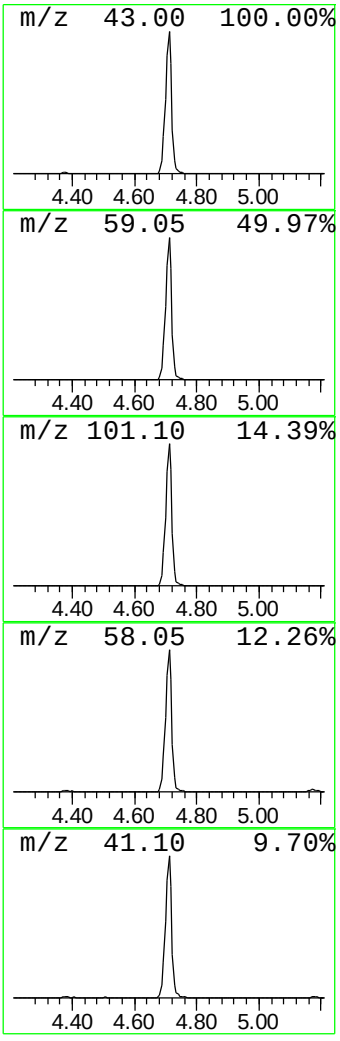
**********

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.71 | 205.40 ng | 1579300 | 1,4-Dichlorobenzene-d4 | 7.55 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 28 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 16 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |
| 5 | 1-Butene, 4-ethoxy- | 100 | C6H12O | 044611-46-3 | 9 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001696.D
Acq On : 27 Jan 2020 18:04
Operator : CG/JU
Sample : L1242-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 20200065-AMENDED-COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

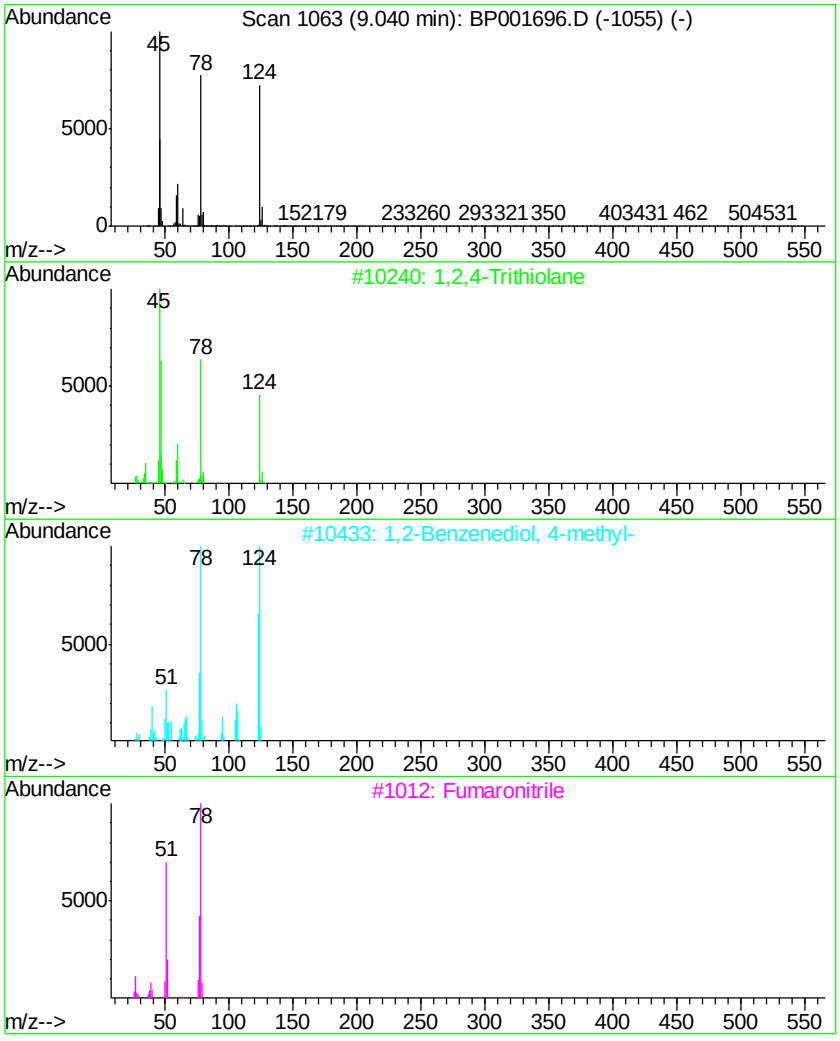
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

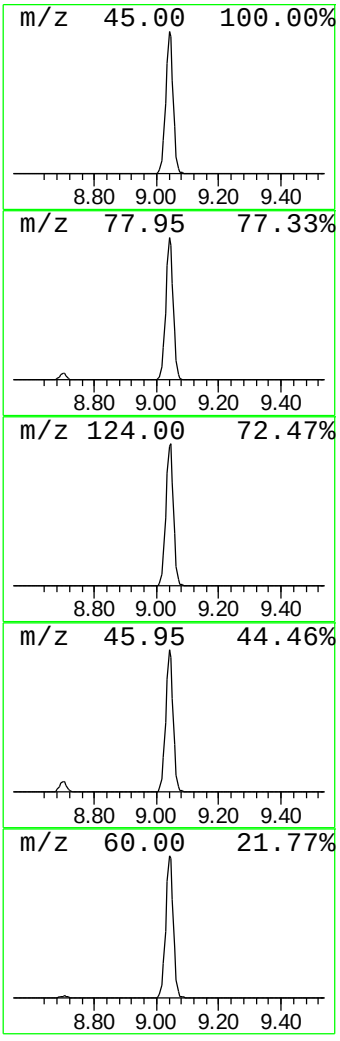
**********

Peak Number 4 1,2,4-Trithiolane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.04 | 58.06 ng | 658012 | Naphthalene-d8 | 10.33 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2,4-Trithiolane | 124 | C2H4S3 | 000289-16-7 | 90 |
| 2 | 1,2-Benzenediol, 4-methyl- | 124 | C7H8O2 | 000452-86-8 | 9 |
| 3 | Fumaronitrile | 78 | C4H2N2 | 000764-42-1 | 9 |
| 4 | Benzene | 78 | C6H6 | 000071-43-2 | 9 |
| 5 | 1,3-Hexadien-5-yne | 78 | C6H6 | 010420-90-3 | 9 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001696.D
Acq On : 27 Jan 2020 18:04
Operator : CG/JU
Sample : L1242-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 20200065-AMENDED-COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

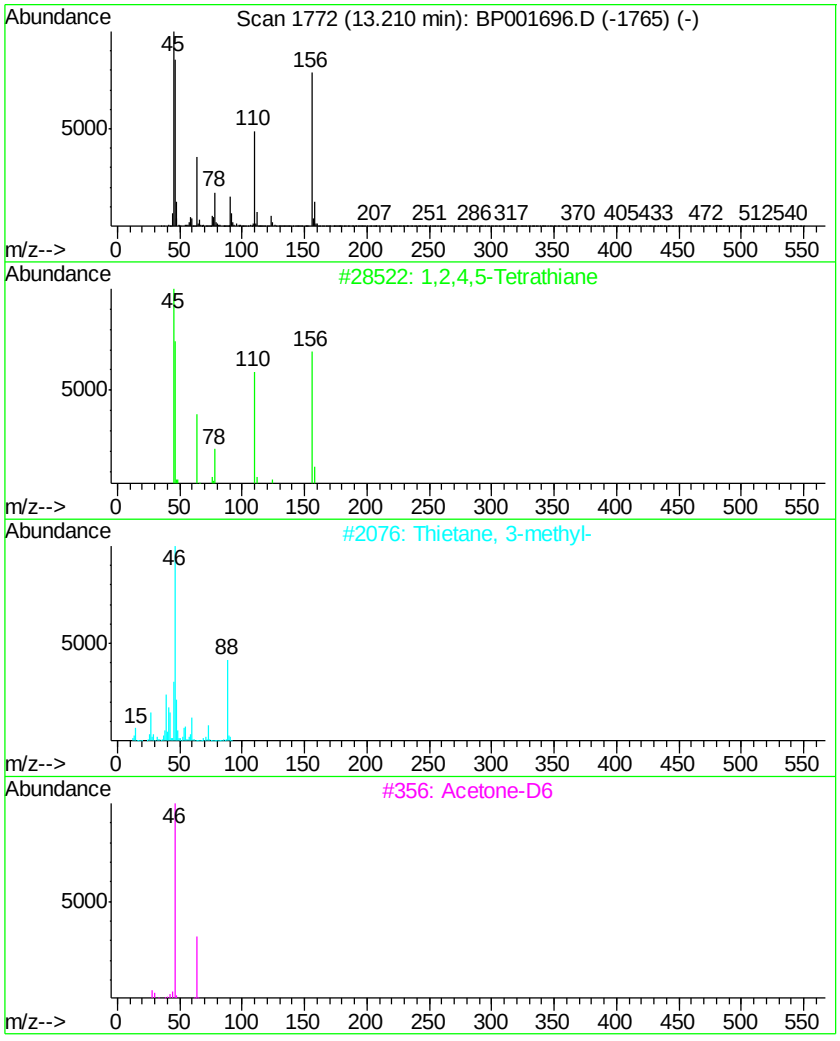
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

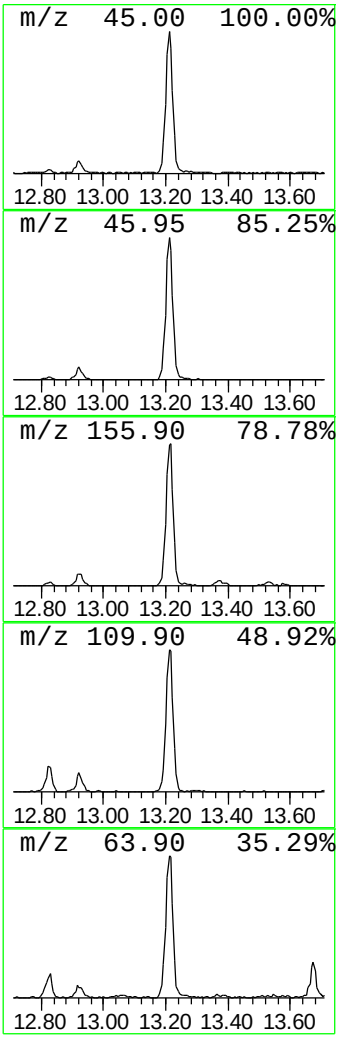
**********

Peak Number 5 1,2,4,5-Tetrathiane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.21 | 7.41 ng | 128440 | Acenaphthene-d10 | 14.21 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2,4,5-Tetrathiane | 156 | C2H4S4 | 000291-22-5 | 94 |
| 2 | Thietane, 3-methyl- | 88 | C4H8S | 022438-40-0 | 10 |
| 3 | Acetone-D6 | 64 | C3D6O | 000666-52-4 | 9 |
| 4 | 2-Chloro-5-hydroxy-2,4,6-cyclohe... | 156 | C7H5ClO2 | 007009-16-7 | 9 |
| 5 | 2,3'-Dipyridyl | 156 | C10H8N2 | 000581-50-0 | 9 |



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**ClientSampleId :** 20200065-AMENDED-COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

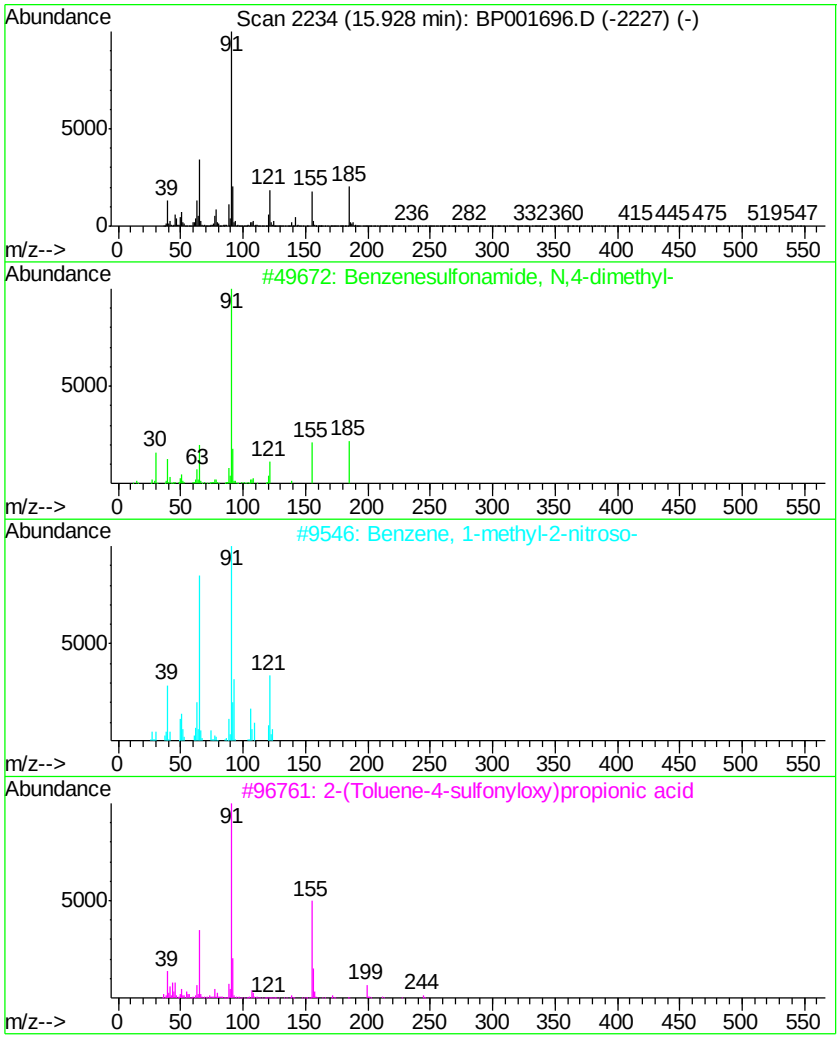
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

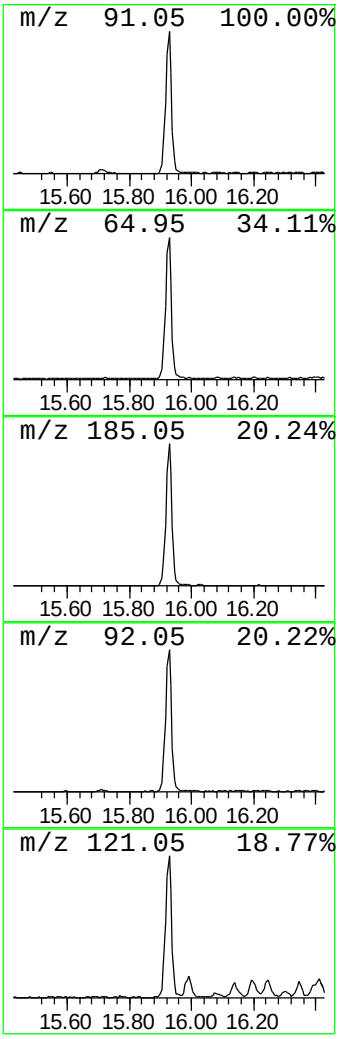
**********

Peak Number 6 Benzenesulfonamide, N,4-dim... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.93 | 21.23 ng | 454860 | Phenanthrene-d10 | 16.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenesulfonamide, N,4-dimethyl- | 185 | C8H11NO2S | 000640-61-9 | 81 |
| 2 | Benzene, 1-methyl-2-nitroso- | 121 | C7H7NO | 000611-23-4 | 64 |
| 3 | 2-(Toluene-4-sulfonyloxy)propion... | 244 | C10H12O5S | 1000210-27-2 | 58 |
| 4 | (2R)-(-)-Glycidyl p-toluenesulfo... | 228 | C10H12O4S | 113826-06-5 | 55 |
| 5 | Pyridine-2-carbonitrile, 3,5,6-t... | 375 | C13H8Cl3N3O2S | 255713-77-0 | 50 |



Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

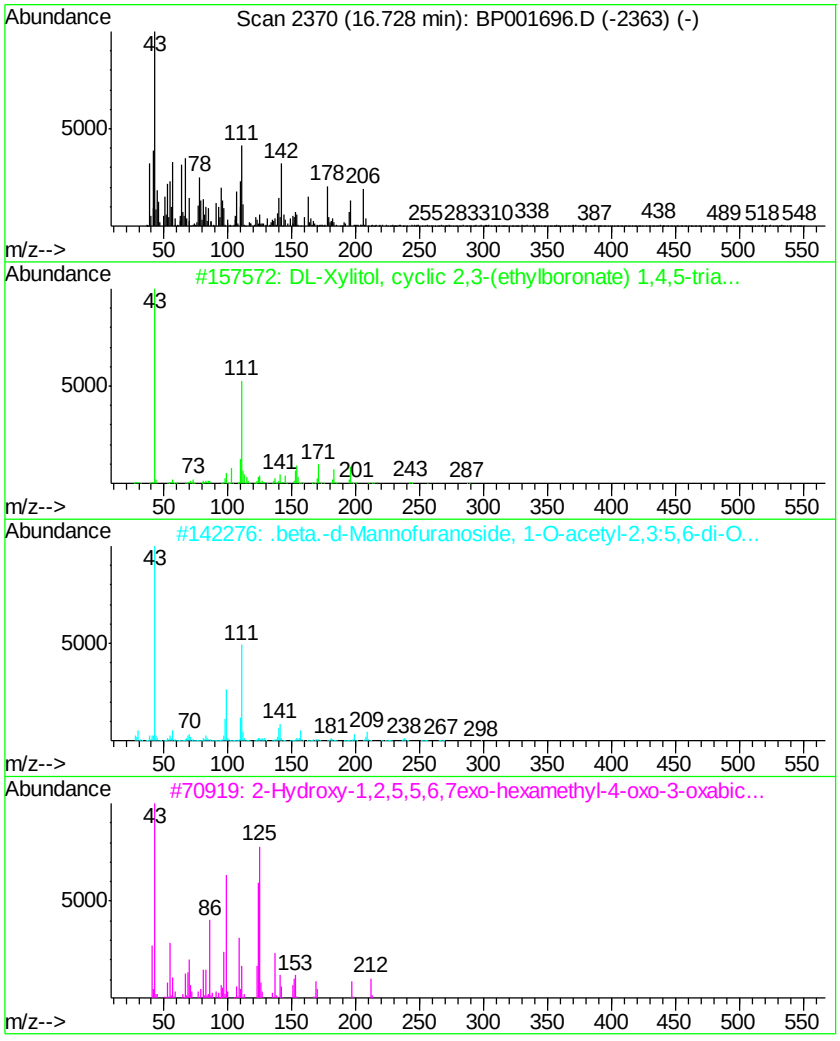
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

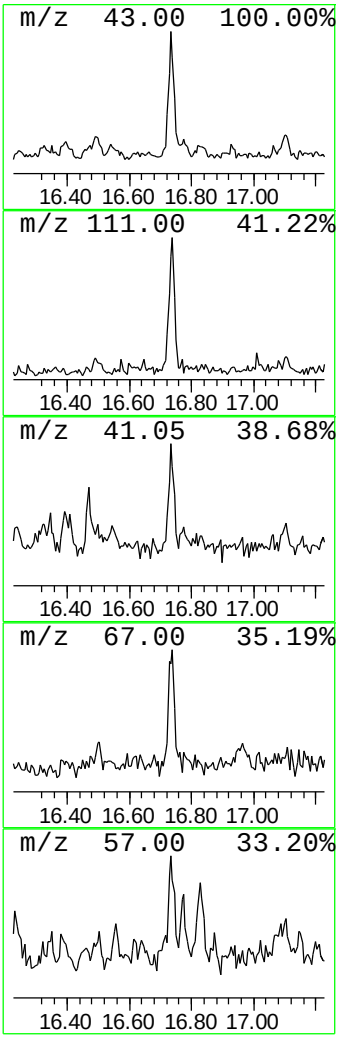
**********

Peak Number 7 unknown16.73 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.73 | 3.38 ng | 72392 | Phenanthrene-d10 | 16.97 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | DL-Xylitol, cyclic 2,3-(ethylbor... | 316 | C13H21BO8 | 074793-01-4 | 25 |
| 2 | .beta.-d-Mannofuranoside, 1-O-ac... | 298 | C12H20B2O7 | 1000149-79-8 | 12 |
| 3 | 2-Hydroxy-1,2,5,5,6,7exo-hexamet... | 212 | C12H20O3 | 132305-29-4 | 11 |
| 4 | 5-Ethyl-3-hepten-2-one | 140 | C9H16O | 1000370-34-0 | 10 |
| 5 | Cyclohexanone, 2-(3-oxobutyl)- | 168 | C10H16O2 | 026942-62-1 | 10 |



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**Instrument :** BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

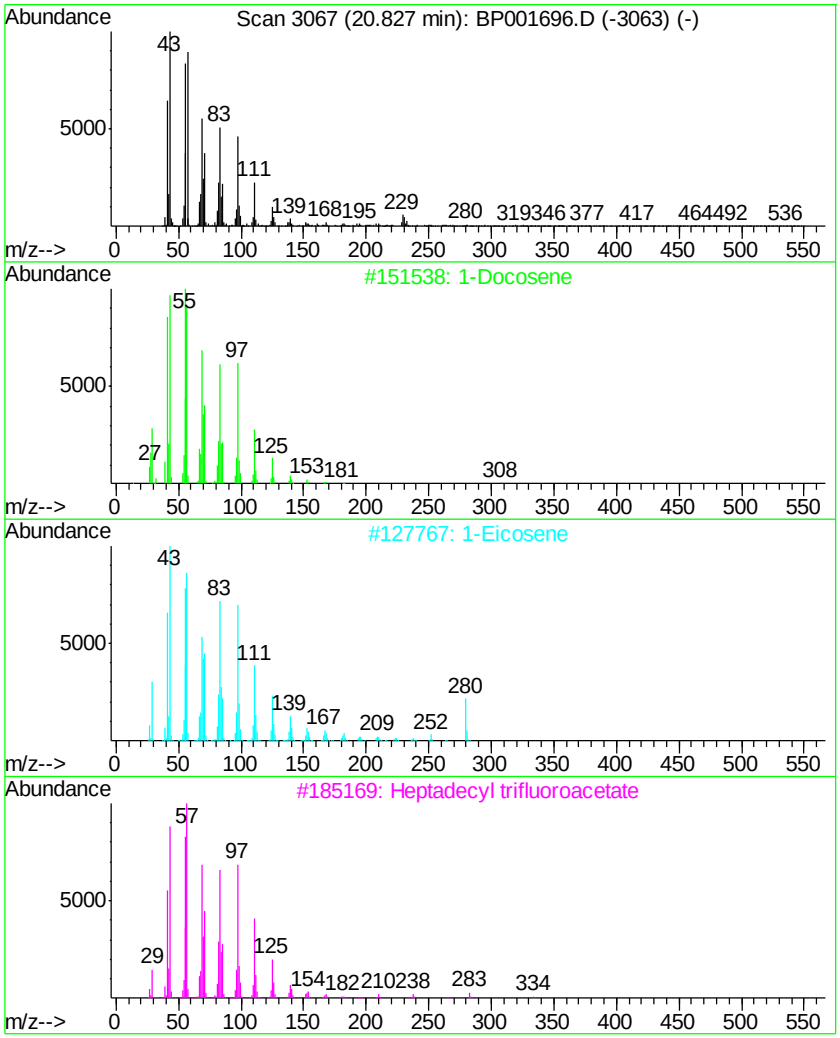
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

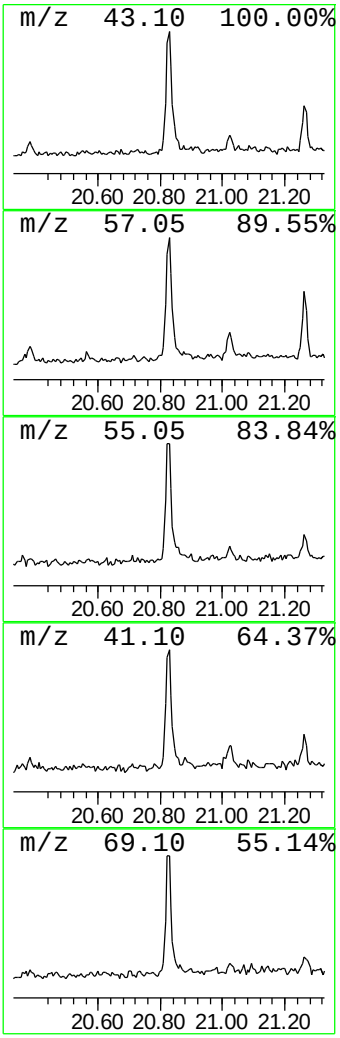
**********

Peak Number 8 1-Docosene Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.83 | 4.92 ng | 147088 | Chrysene-d12 | 21.08 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 94 |
| 2 | 1-Eicosene | 280 | C20H40 | 003452-07-1 | 91 |
| 3 | Heptadecyl trifluoroacetate | 352 | C19H35F3O2 | 1000351-87-0 | 91 |
| 4 | Cyclohexadecane, 1,2-diethyl- | 280 | C20H40 | 1000155-85-3 | 91 |
| 5 | Octadecyl trifluoroacetate | 366 | C20H37F3O2 | 079392-43-1 | 91 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001696.D
Acq On : 27 Jan 2020 18:04
Operator : CG/JU
Sample : L1242-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 20200065-AMENDED-COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

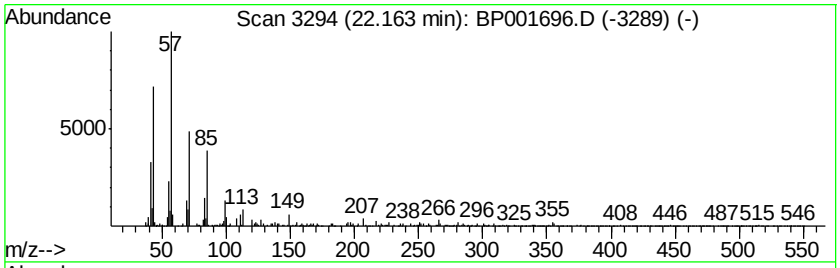
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

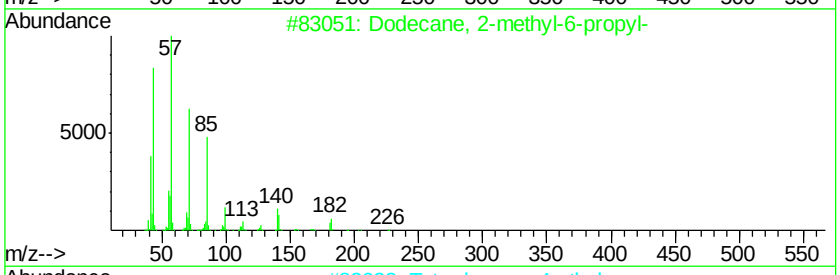
**********

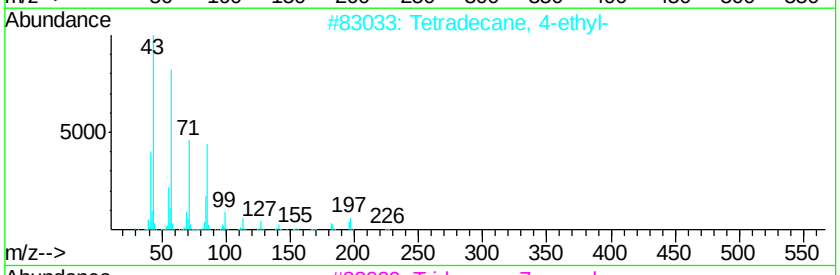
Peak Number 9 Dodecane, 2-methyl-6-propyl- Concentration Rank 12

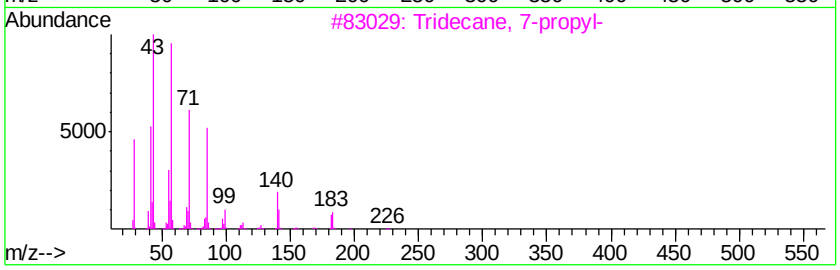
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.16 | 2.37 ng | 70949 | Chrysene-d12 | 21.08 |

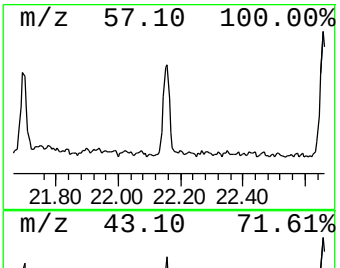
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 83 |
| 2 | Tetradecane, 4-ethyl- | 226 | C16H34 | 055045-14-2 | 72 |
| 3 | Tridecane, 7-propyl- | 226 | C16H34 | 055045-09-5 | 68 |
| 4 | Tricosane, 2-methyl- | 338 | C24H50 | 001928-30-9 | 58 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 58 |

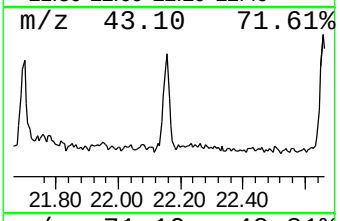


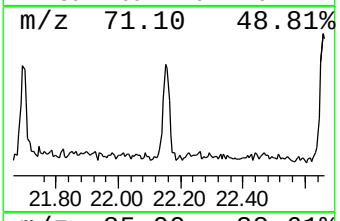



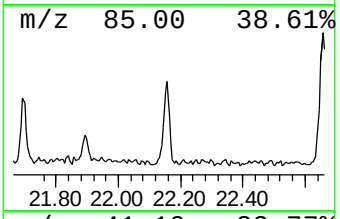



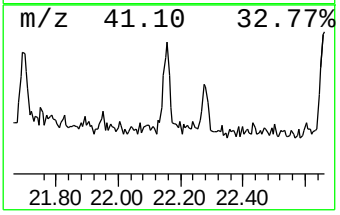



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001696.D
Acq On : 27 Jan 2020 18:04
Operator : CG/JU
Sample : L1242-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 20200065-AMENDED-COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

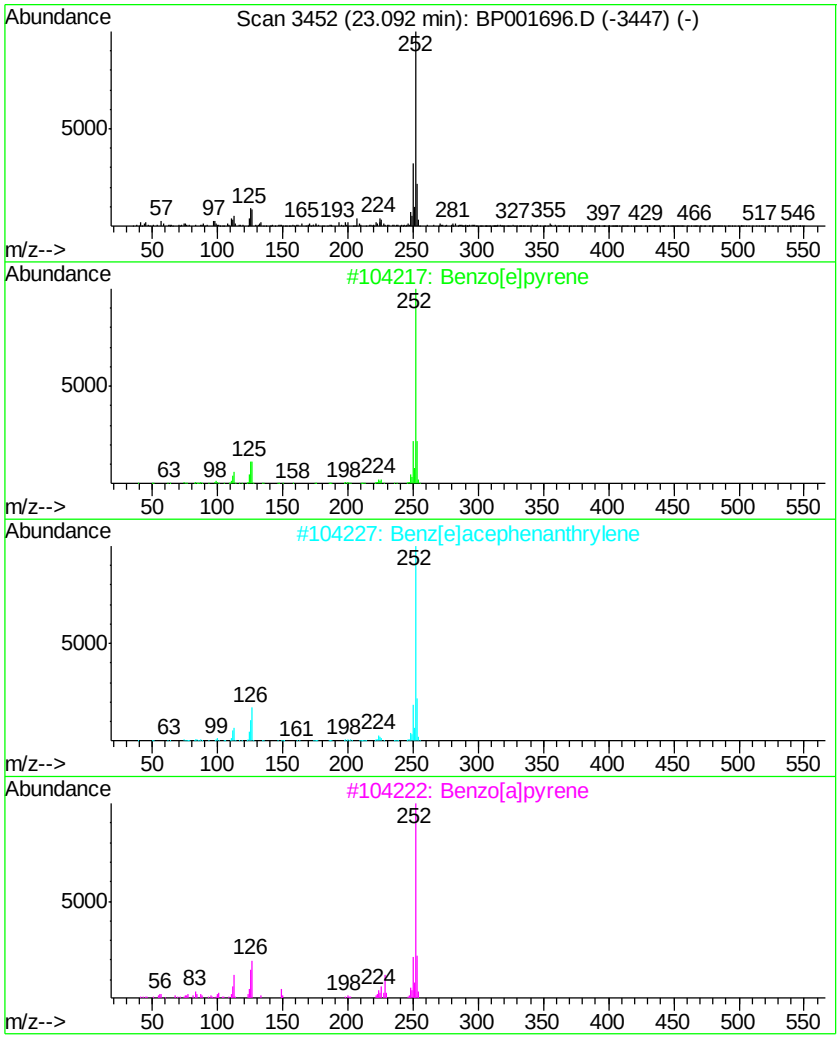
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

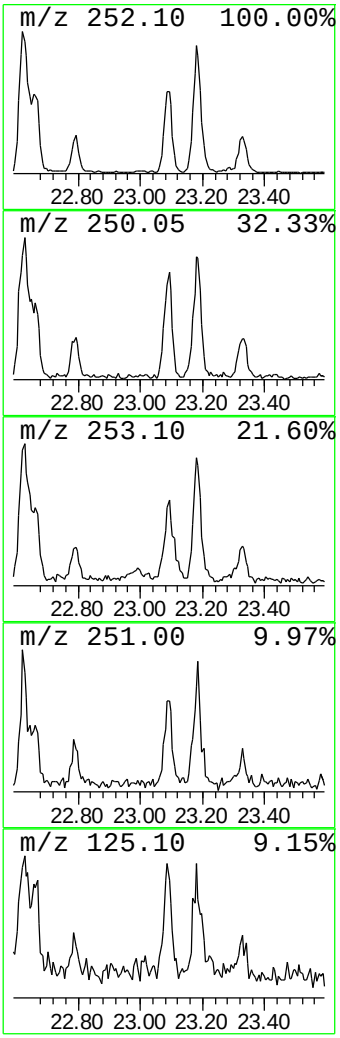
**********

Peak Number 10 Benzo[e]pyrene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.09 | 2.89 ng | 64832 | Perylene-d12 | 23.28 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 93 |
| 2 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 91 |
| 3 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 90 |
| 4 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 90 |
| 5 | Perylene | 252 | C20H12 | 000198-55-0 | 89 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001696.D
Acq On : 27 Jan 2020 18:04
Operator : CG/JU
Sample : L1242-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 20200065-AMENDED-COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

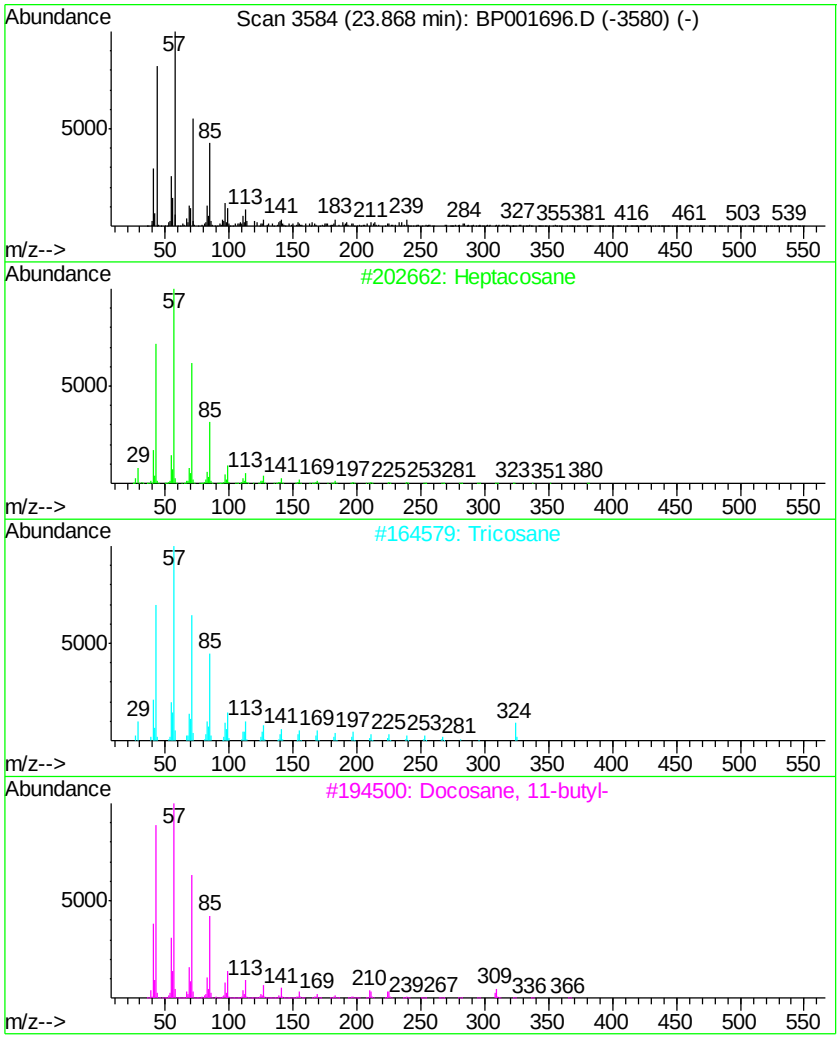
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

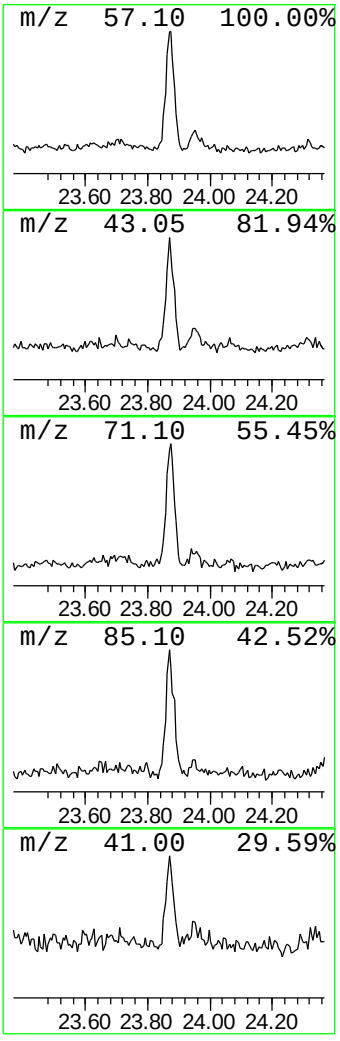
**********

Peak Number 11 Heptacosane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.87 | 3.28 ng | 73608 | Perylene-d12 | 23.28 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 92 |
| 2 | Tricosane | 324 | C23H48 | 000638-67-5 | 86 |
| 3 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 83 |
| 4 | Cyclopentane, (4-octyldodecyl)- | 350 | C25H50 | 005638-09-5 | 74 |
| 5 | Docosane, 5-butyl- | 366 | C26H54 | 055282-16-1 | 64 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
Data File : BP001696.D
Acq On : 27 Jan 2020 18:04
Operator : CG/JU
Sample : L1242-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 20200065-AMENDED-COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

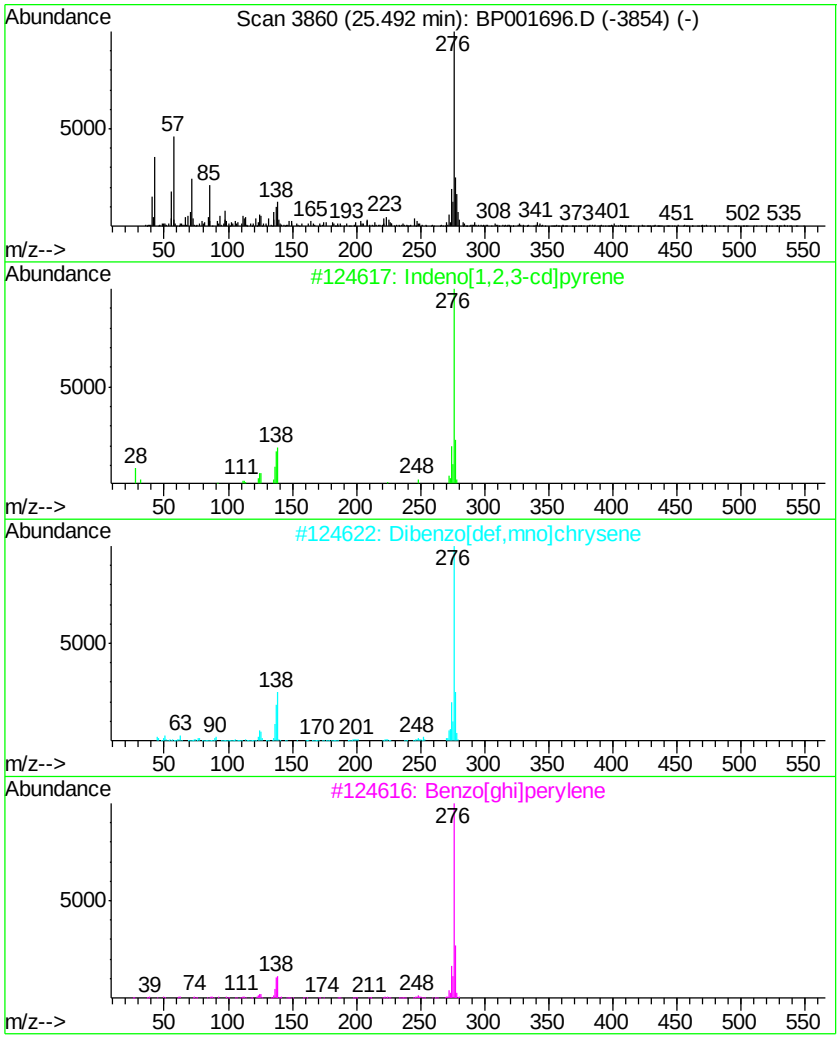
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

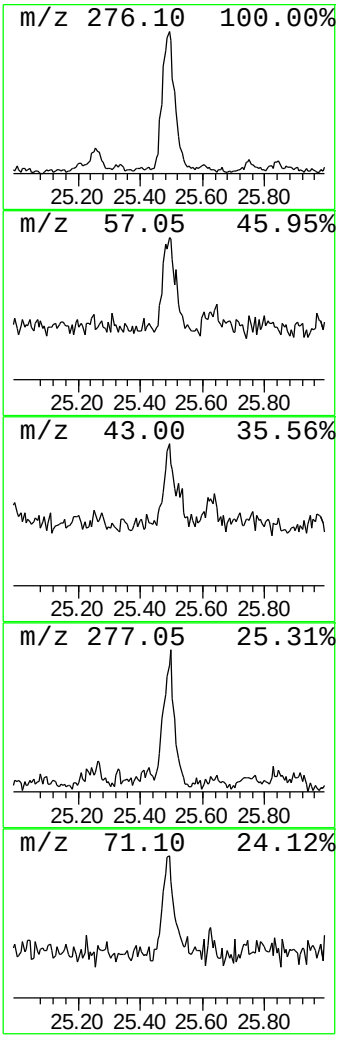
**********

Peak Number 12 Dibenzo[def,mno]chrysene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.49 | 3.51 ng | 78758 | Perylene-d12 | 23.28 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indeno[1,2,3-cd]pyrene | 276 | C22H12 | 000193-39-5 | 90 |
| 2 | Dibenzo[def,mno]chrysene | 276 | C22H12 | 000191-26-4 | 70 |
| 3 | Benzo[ghi]perylene | 276 | C22H12 | 000191-24-2 | 70 |
| 4 | Indeno[1,2,3-cd]fluoranthene | 276 | C22H12 | 000193-43-1 | 58 |
| 5 | 2-Thiophenecarbaldehyde, 5-[5-(t... | 276 | C13H8OS3 | 1000217-28-5 | 58 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP012720\
Data File : BP001696.D
Acq On : 27 Jan 2020 18:04
Operator : CG/JU
Sample : L1242-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 20200065-AMENDED-COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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... | 2.83 | 12.9 | ng | 99193 | 1 | 7.55 | 153780 | 20.0 |
| 2-Pentanone, 4-hy... | 4.71 | 205.4 | ng | 1579300 | 1 | 7.55 | 153780 | 20.0 |
| 1,2,4-Trithiolane | 9.04 | 58.1 | ng | 658012 | 2 | 10.33 | 226682 | 20.0 |
| 1,2,4,5-Tetrathiane | 13.21 | 7.4 | ng | 128440 | 3 | 14.21 | 346851 | 20.0 |
| Benzenesulfonamid... | 15.93 | 21.2 | ng | 454860 | 4 | 16.97 | 428414 | 20.0 |
| unknown16.73 | 16.73 | 3.4 | ng | 72392 | 4 | 16.97 | 428414 | 20.0 |
| 1-Docosene | 20.83 | 4.9 | ng | 147088 | 5 | 21.08 | 597475 | 20.0 |
| Dodecane, 2-methy... | 22.16 | 2.4 | ng | 70949 | 5 | 21.08 | 597475 | 20.0 |
| Benzo[e]pyrene | 23.09 | 2.9 | ng | 64832 | 6 | 23.28 | 449103 | 20.0 |
| Heptacosane | 23.87 | 3.3 | ng | 73608 | 6 | 23.28 | 449103 | 20.0 |
| Dibenzo[def,mno]c... | 25.49 | 3.5 | ng | 78758 | 6 | 23.28 | 449103 | 20.0 |