LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022443.D
Acq On : 19 Jun 2016 3:58
Operator : UM/SJ
Sample : H3489-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S6-B2(0-10)C

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:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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 | 2.869 | 3 | 5 | 27 | rVB | 1297960 | 2095665 | 100.00% | 14.151% |
| 2 | 4.485 | 275 | 280 | 292 | rBV | 28379 | 53876 | 2.57% | 0.364% |
| 3 | 5.108 | 379 | 386 | 399 | rVB | 139321 | 265746 | 12.68% | 1.794% |
| 4 | 5.607 | 464 | 471 | 490 | rBV | 219412 | 421342 | 20.11% | 2.845% |
| 5 | 7.235 | 740 | 748 | 763 | rBV | 514485 | 1050670 | 50.14% | 7.095% |
| 6 | 7.587 | 800 | 808 | 832 | rBV | 502814 | 1007565 | 48.08% | 6.804% |
| 7 | 8.046 | 879 | 886 | 894 | rBV | 117166 | 218089 | 10.41% | 1.473% |
| 8 | 8.369 | 933 | 941 | 951 | rBV | 474311 | 930397 | 44.40% | 6.283% |
| 9 | 9.227 | 1078 | 1087 | 1106 | rBV | 329586 | 707683 | 33.77% | 4.779% |
| 10 | 10.866 | 1359 | 1366 | 1380 | rVB | 172852 | 363992 | 17.37% | 2.458% |
| 11 | 12.076 | 1562 | 1572 | 1579 | rBV | 44229 | 82886 | 3.96% | 0.560% |
| 12 | 12.176 | 1584 | 1589 | 1595 | rVB | 17529 | 30345 | 1.45% | 0.205% |
| 13 | 12.517 | 1640 | 1647 | 1658 | rBV | 301932 | 566298 | 27.02% | 3.824% |
| 14 | 12.734 | 1677 | 1684 | 1692 | rBV | 167799 | 306540 | 14.63% | 2.070% |
| 15 | 12.811 | 1692 | 1697 | 1704 | rVB4 | 16031 | 30322 | 1.45% | 0.205% |
| 16 | 13.304 | 1773 | 1781 | 1796 | rBV | 960914 | 1682222 | 80.27% | 11.359% |
| 17 | 13.480 | 1802 | 1811 | 1815 | rBV8 | 12981 | 28759 | 1.37% | 0.194% |
| 18 | 13.715 | 1843 | 1851 | 1859 | rBV2 | 27208 | 63789 | 3.04% | 0.431% |
| 19 | 13.851 | 1866 | 1874 | 1883 | rBV3 | 52127 | 145559 | 6.95% | 0.983% |
| 20 | 14.009 | 1894 | 1901 | 1905 | rBV | 84098 | 160905 | 7.68% | 1.087% |
| 21 | 14.056 | 1905 | 1909 | 1914 | rVV | 81246 | 132620 | 6.33% | 0.896% |
| 22 | 14.133 | 1916 | 1922 | 1928 | rVB | 204065 | 325665 | 15.54% | 2.199% |
| 23 | 14.244 | 1936 | 1941 | 1950 | rVB2 | 34335 | 72622 | 3.47% | 0.490% |
| 24 | 14.409 | 1964 | 1969 | 1975 | rBV | 25438 | 46182 | 2.20% | 0.312% |
| 25 | 14.556 | 1989 | 1994 | 1999 | rBV3 | 15727 | 24044 | 1.15% | 0.162% |
| 26 | 14.685 | 2002 | 2016 | 2023 | rBV2 | 253834 | 501184 | 23.92% | 3.384% |
| 27 | 14.755 | 2026 | 2028 | 2033 | rVB4 | 17859 | 26512 | 1.27% | 0.179% |
| 28 | 14.890 | 2045 | 2051 | 2058 | rBV3 | 21432 | 49319 | 2.35% | 0.333% |
| 29 | 15.079 | 2078 | 2083 | 2091 | rVB3 | 26664 | 49955 | 2.38% | 0.337% |
| 30 | 15.155 | 2091 | 2096 | 2105 | rVB3 | 26701 | 57885 | 2.76% | 0.391% |
| 31 | 15.296 | 2115 | 2120 | 2125 | rBV3 | 19365 | 37893 | 1.81% | 0.256% |
| 32 | 15.349 | 2125 | 2129 | 2133 | rVB2 | 17197 | 27103 | 1.29% | 0.183% |
| 33 | 15.460 | 2141 | 2148 | 2151 | rBV4 | 18955 | 41600 | 1.99% | 0.281% |
| 34 | 15.502 | 2151 | 2155 | 2161 | rVB3 | 31176 | 47694 | 2.28% | 0.322% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022443.D
Acq On : 19 Jun 2016 3:58
Operator : UM/SJ
Sample : H3489-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S6-B2(0-10)C

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:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 16.177 | 2265 | 2270 | 2278 | rBV2 | 121035 | 210987 | 10.07% | 1.425% |
| 36 | 16.359 | 2297 | 2301 | 2303 | rBV2 | 22457 | 31959 | 1.53% | 0.216% |
| 37 | 16.500 | 2321 | 2325 | 2329 | rBV | 16642 | 26294 | 1.25% | 0.178% |
| 38 | 16.565 | 2331 | 2336 | 2340 | rVV2 | 15428 | 29606 | 1.41% | 0.200% |
| 39 | 16.618 | 2341 | 2345 | 2349 | rVV3 | 16090 | 22973 | 1.10% | 0.155% |
| 40 | 16.882 | 2387 | 2390 | 2394 | rVB | 15011 | 22333 | 1.07% | 0.151% |
| 41 | 17.153 | 2432 | 2436 | 2440 | rBV | 22416 | 30732 | 1.47% | 0.208% |
| 42 | 17.429 | 2477 | 2483 | 2488 | rBV | 254038 | 429016 | 20.47% | 2.897% |
| 43 | 17.476 | 2488 | 2491 | 2496 | rVB | 57588 | 89286 | 4.26% | 0.603% |
| 44 | 17.887 | 2558 | 2561 | 2568 | rVB2 | 24620 | 35163 | 1.68% | 0.237% |
| 45 | 19.479 | 2827 | 2832 | 2837 | rBV | 85384 | 131697 | 6.28% | 0.889% |
| 46 | 19.703 | 2866 | 2870 | 2875 | rBV | 53110 | 76553 | 3.65% | 0.517% |
| 47 | 19.843 | 2891 | 2894 | 2901 | rVB2 | 90254 | 139363 | 6.65% | 0.941% |
| 48 | 20.026 | 2920 | 2925 | 2932 | rBV | 985673 | 1409127 | 67.24% | 9.515% |
| 49 | 21.700 | 3205 | 3210 | 3227 | rVB2 | 203827 | 471238 | 22.49% | 3.182% |

Sum of corrected areas: 14809255

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Data File : BG022443.D
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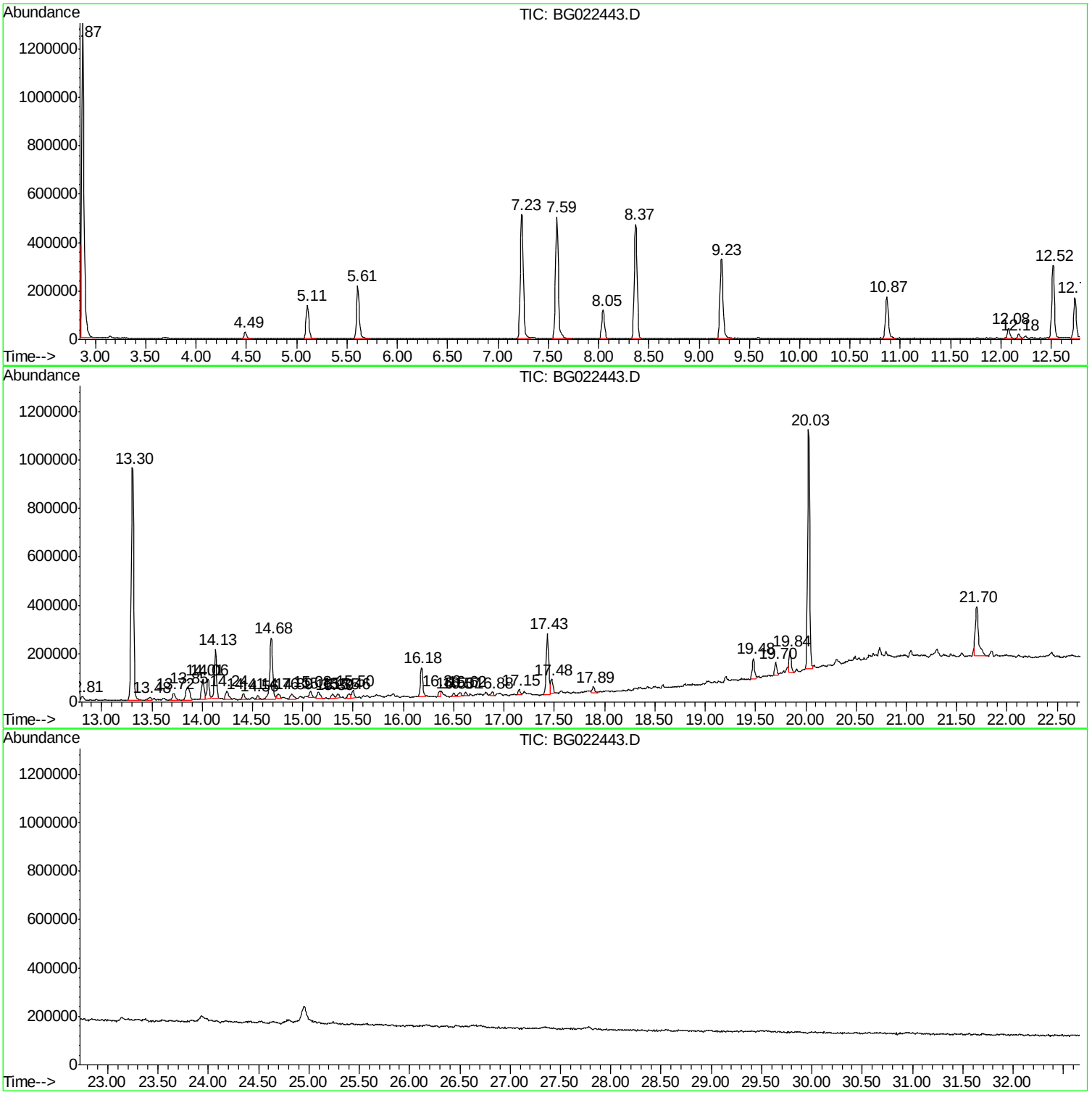
Operator : UM/SJ
Sample : H3489-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
S6-B2(0-10)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022443.D
Acq On : 19 Jun 2016 3:58
Operator : UM/SJ
Sample : H3489-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S6-B2(0-10)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

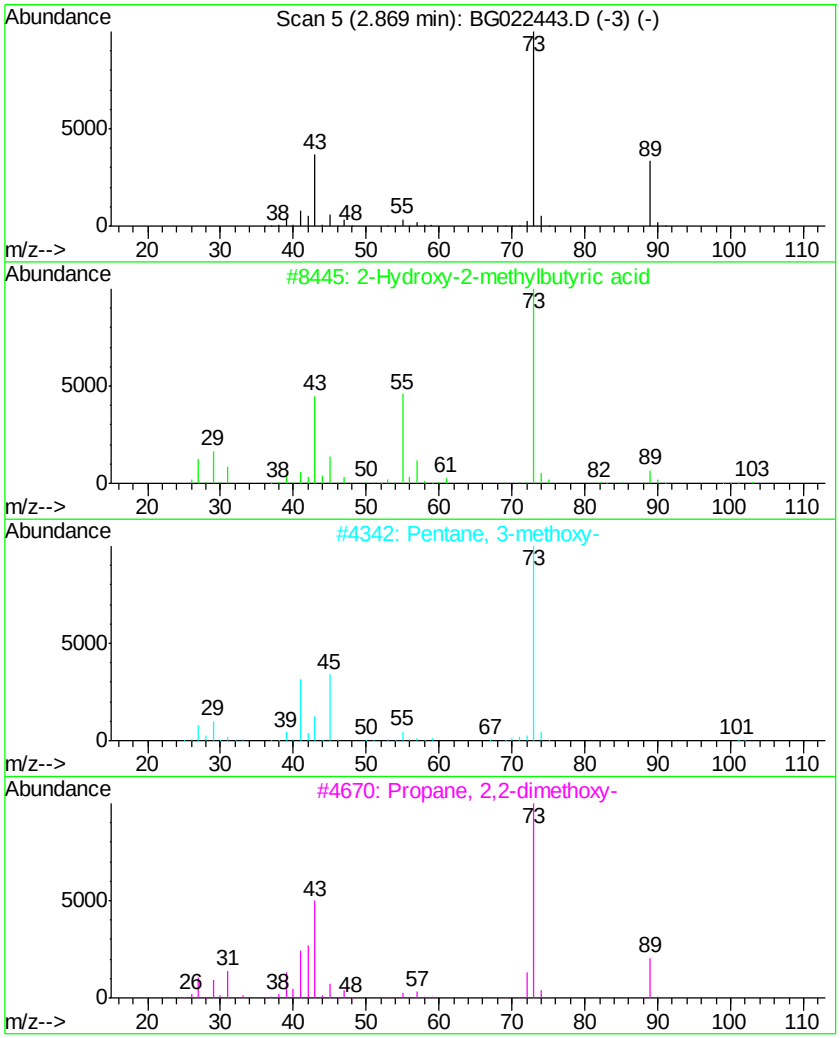
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

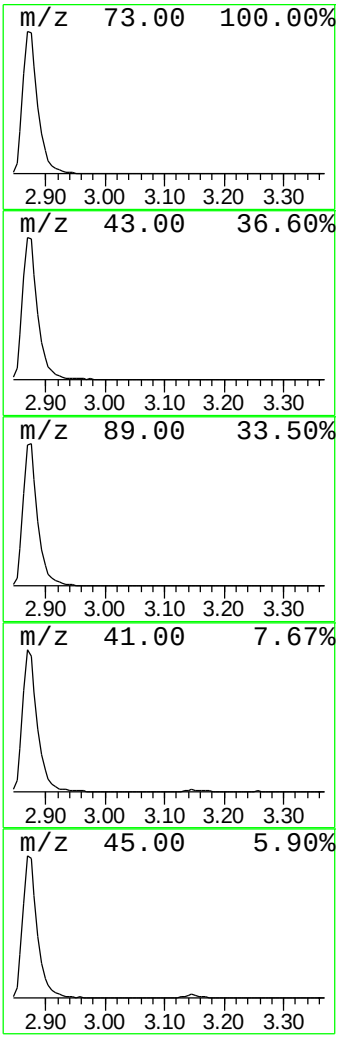
**********

Peak Number 1 unknown2.87 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.87 | 192.18 ng | 2095670 | 1,4-Dichlorobenzene-d4 | 8.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Hydroxy-2-methylbutyric acid | 118 | C5H10O3 | 003739-30-8 | 28 |
| 2 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 23 |
| 3 | Propane, 2,2-dimethoxy- | 104 | C5H12O2 | 000077-76-9 | 9 |
| 4 | Propane, 2-methoxy-2-methyl- | 88 | C5H12O | 001634-04-4 | 9 |
| 5 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 7 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022443.D
Acq On : 19 Jun 2016 3:58
Operator : UM/SJ
Sample : H3489-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S6-B2(0-10)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

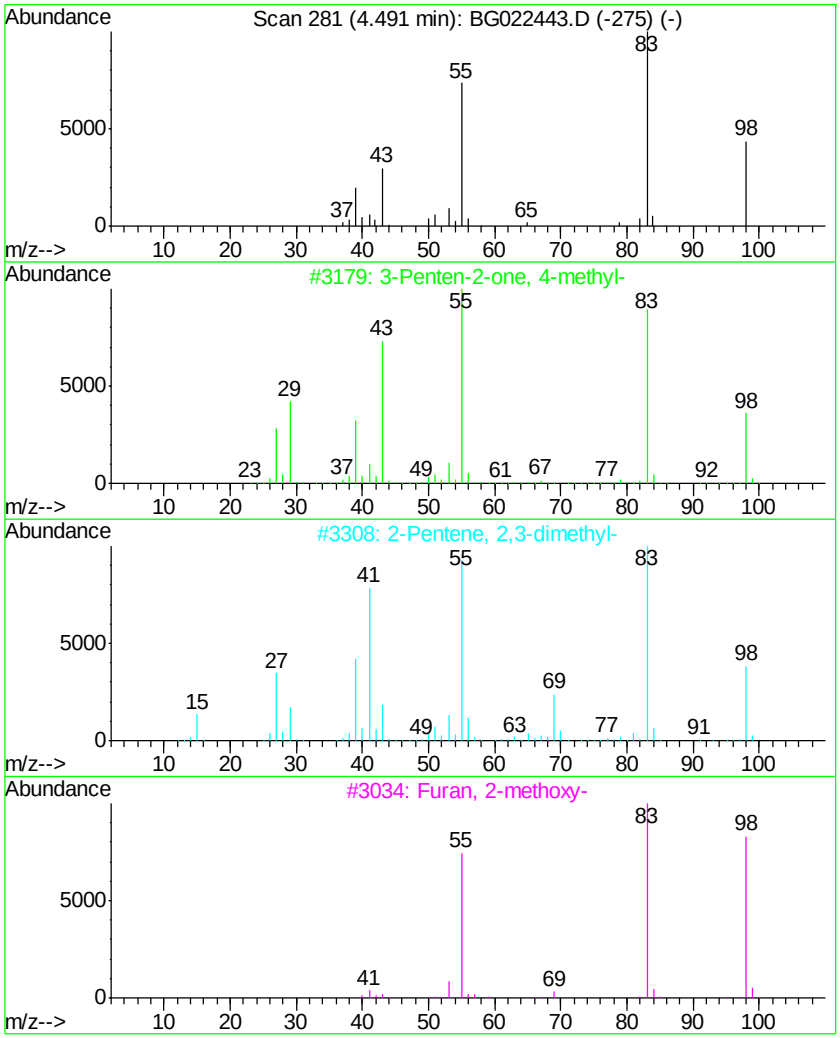
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

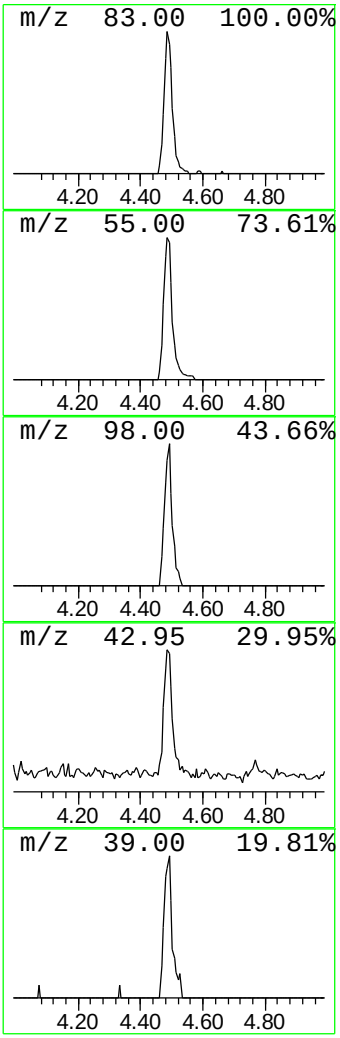
**********

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.49 | 4.94 ng | 53876 | 1,4-Dichlorobenzene-d4 | 8.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Penten-2-one, 4-methyl- | 98 | C6H10O | 000141-79-7 | 86 |
| 2 | 2-Pentene, 2,3-dimethyl- | 98 | C7H14 | 010574-37-5 | 86 |
| 3 | Furan, 2-methoxy- | 98 | C5H6O2 | 025414-22-6 | 86 |
| 4 | 3-Hexen-2-one | 98 | C6H10O | 000763-93-9 | 86 |
| 5 | 2-Pentene, 3,4-dimethyl-, (E)- | 98 | C7H14 | 004914-92-5 | 86 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022443.D
Acq On : 19 Jun 2016 3:58
Operator : UM/SJ
Sample : H3489-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S6-B2(0-10)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

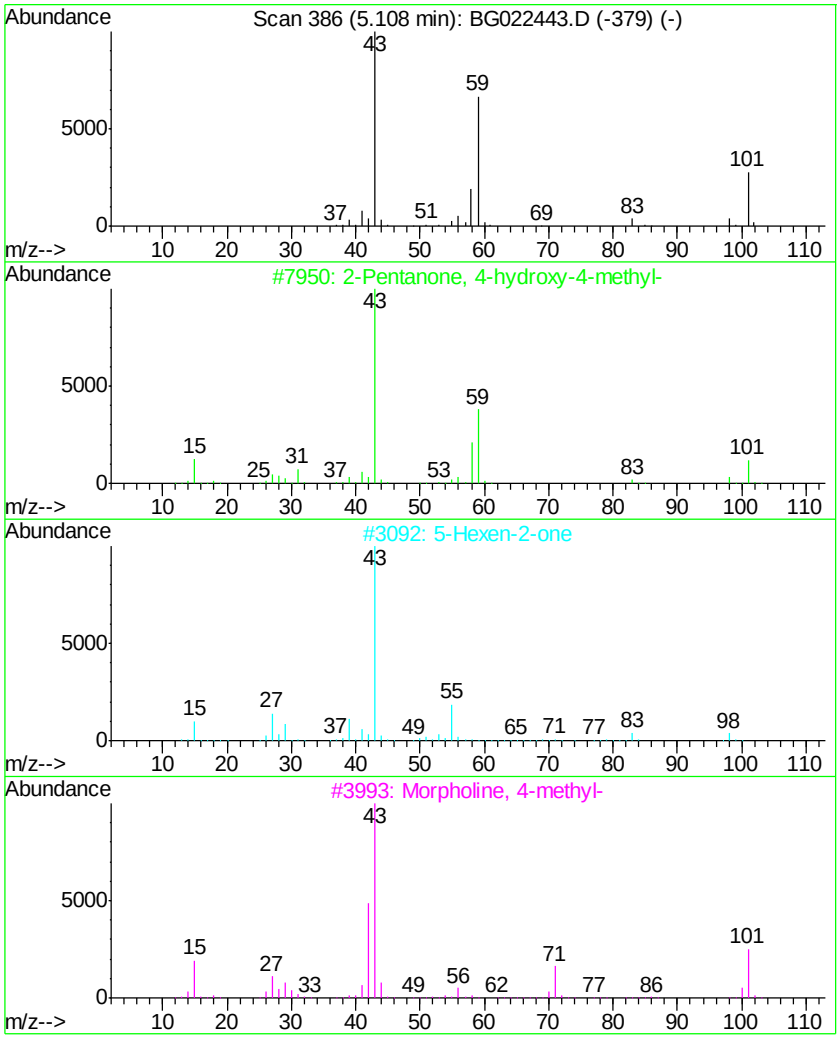
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

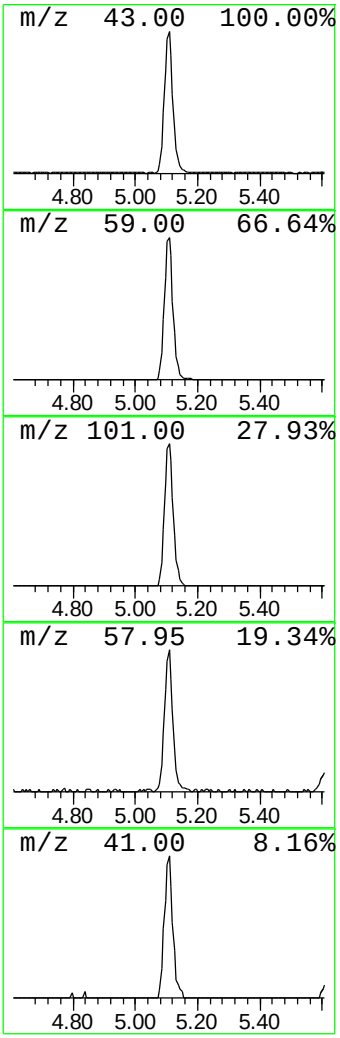
**********

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.11 | 24.37 ng | 265746 | 1,4-Dichlorobenzene-d4 | 8.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 53 |
| 2 | 5-Hexen-2-one | 98 | C6H10O | 000109-49-9 | 9 |
| 3 | Morpholine, 4-methyl- | 101 | C5H11NO | 000109-02-4 | 9 |
| 4 | Guanidine | 59 | CH5N3 | 000113-00-8 | 9 |
| 5 | Acetone | 58 | C3H6O | 000067-64-1 | 9 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022443.D
Acq On : 19 Jun 2016 3:58
Operator : UM/SJ
Sample : H3489-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S6-B2(0-10)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

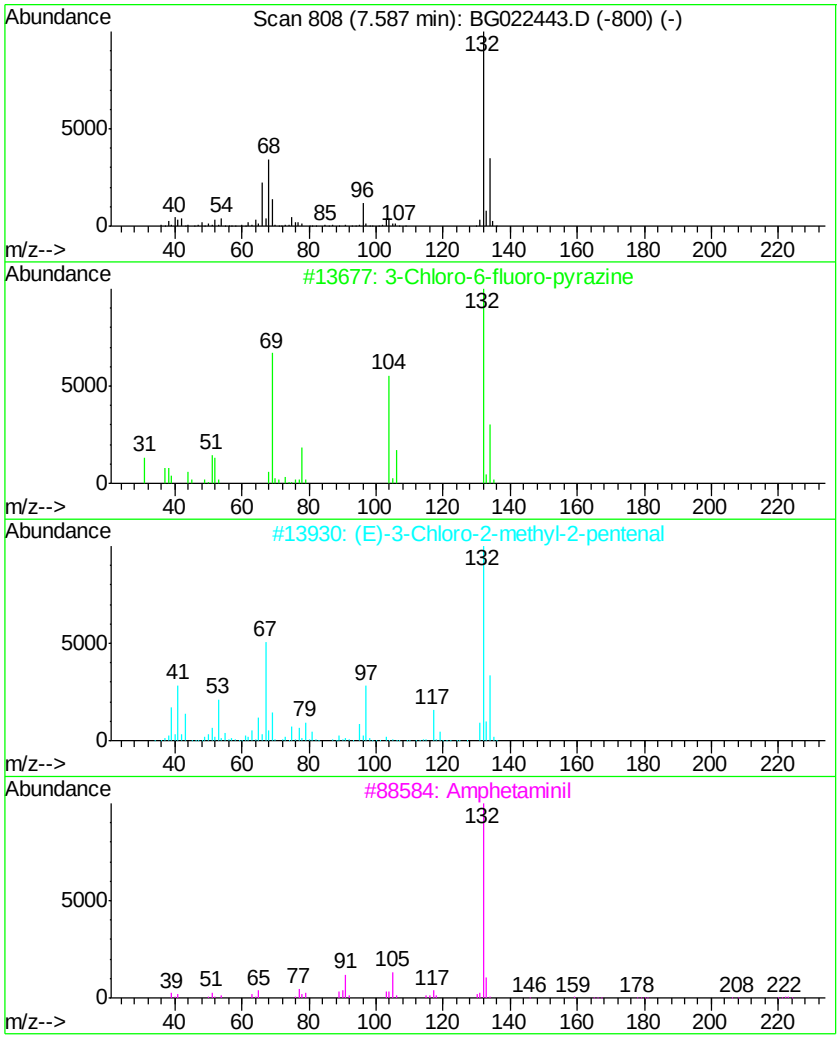
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

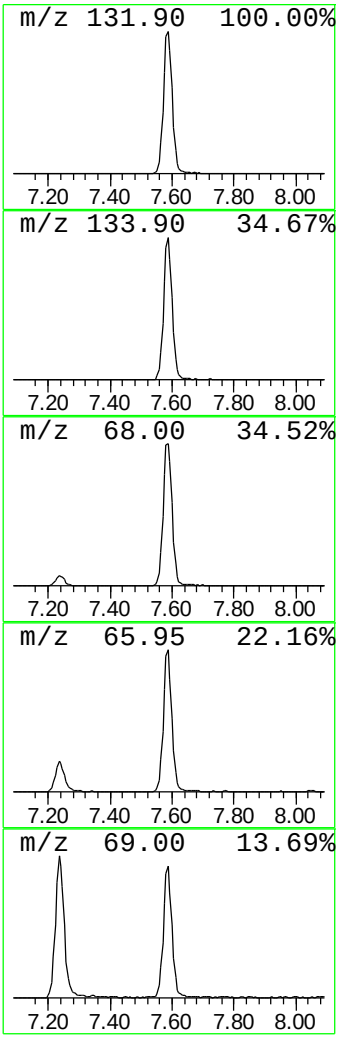
**********

Peak Number 4 unknown7.59 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.59 | 92.40 ng | 1007570 | 1,4-Dichlorobenzene-d4 | 8.05 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 38 |
| 2 | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO | 031357-76-3 | 17 |
| 3 | Amphetaminil | 250 | C17H18N2 | 017590-01-1 | 12 |
| 4 | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6 | 9 |
| 5 | 1H-Benzimidazole, 2-methyl- | 132 | C8H8N2 | 000615-15-6 | 9 |



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Data File : BG022443.D
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Operator : UM/SJ
Sample : H3489-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S6-B2(0-10)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

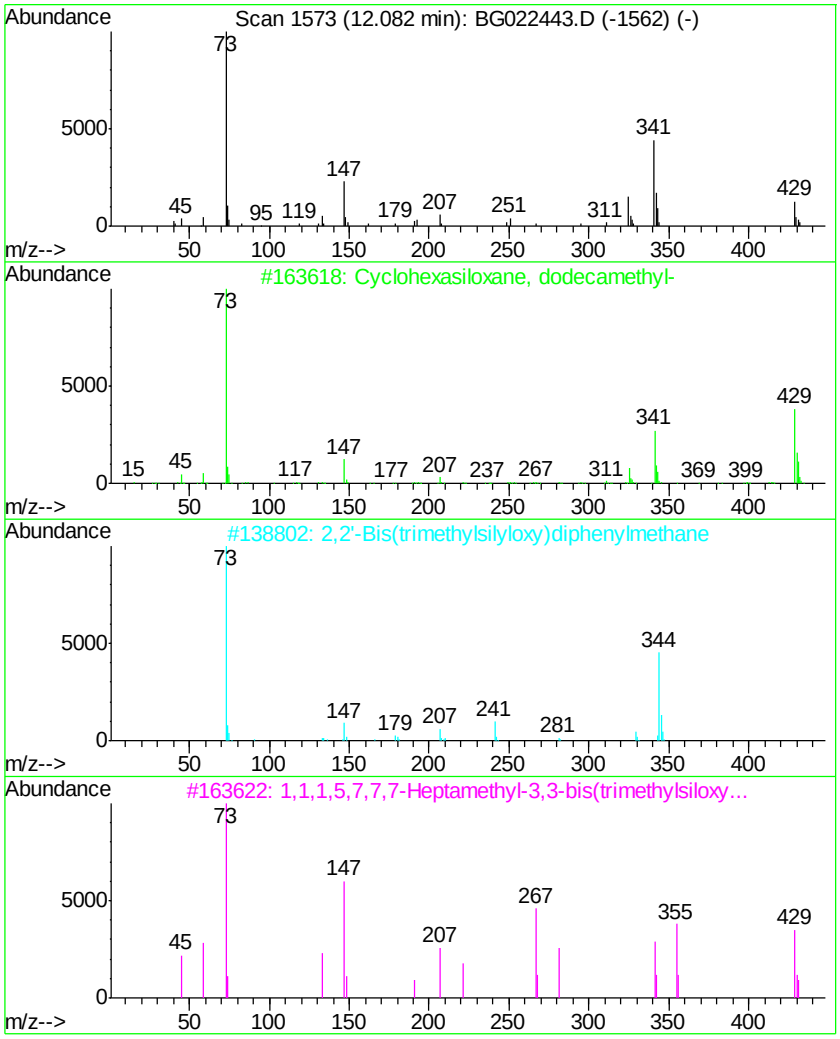
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

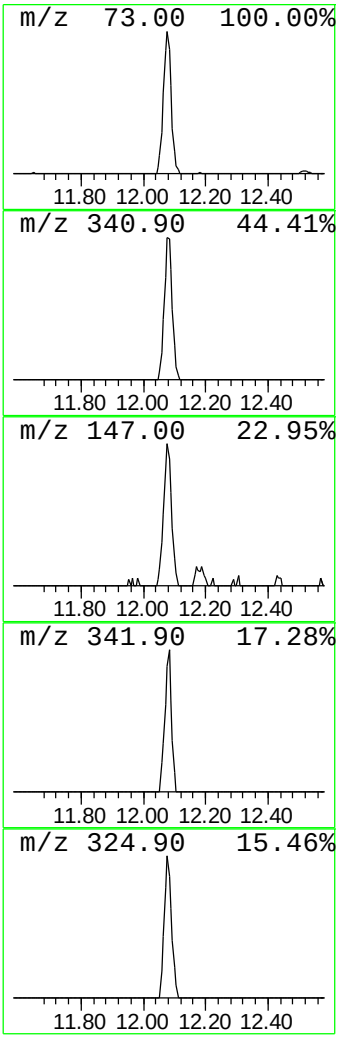
**********

Peak Number 6 Cyclohexasiloxane, dodecame... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.08 | 4.55 ng | 82886 | Naphthalene-d8 | 10.87 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexasiloxane, dodecamethyl- | 444 | C12H36O6Si6 | 000540-97-6 | 91 |
| 2 | 2,2'-Bis(trimethylsilyloxy)diphe... | 344 | C19H28O2Si2 | 097993-26-5 | 10 |
| 3 | 1,1,1,5,7,7,7-Heptamethyl-3,3-bi... | 444 | C13H40O5Si6 | 038147-00-1 | 10 |
| 4 | 2H-1,4-Benzodiazepin-2-one, 7-ch... | 342 | C18H19ClN2OSi | 055299-24-6 | 10 |
| 5 | Pregnane-3,20-dione, 11-[(trimet... | 462 | C26H46N2O3Si | 057305-27-8 | 10 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022443.D
Acq On : 19 Jun 2016 3:58
Operator : UM/SJ
Sample : H3489-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S6-B2(0-10)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

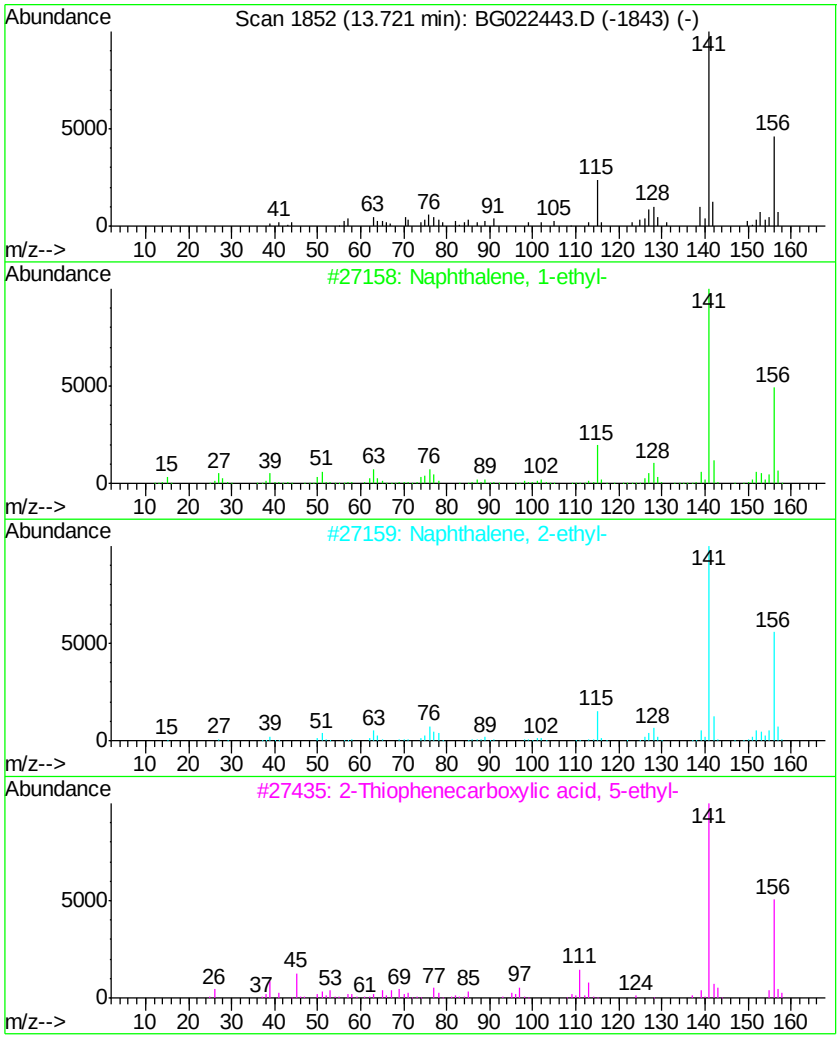
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

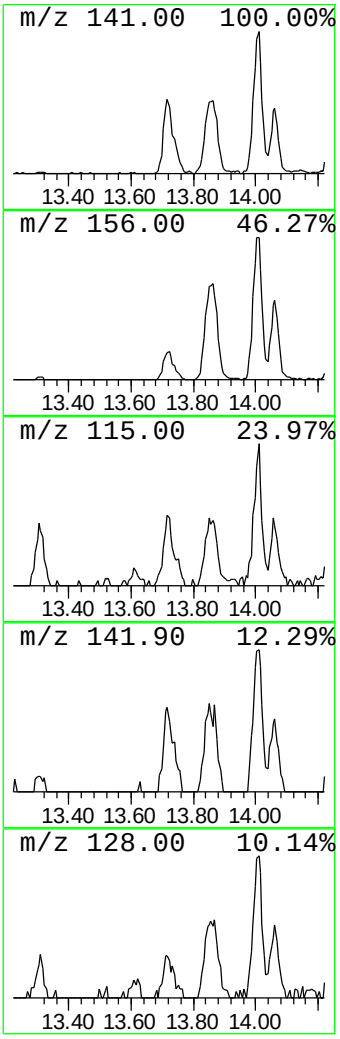
**********

Peak Number 8 Naphthalene, 1-ethyl- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.72 | 2.55 ng | 63789 | Acenaphthene-d10 | 14.68 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 96 |
| 2 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 95 |
| 3 | 2-Thiophenecarboxylic acid, 5-et... | 156 | C7H8O2S | 023229-72-3 | 59 |
| 4 | 2',5'-Difluoroacetophenone | 156 | C8H6F2O | 001979-36-8 | 53 |
| 5 | 3',4'-Difluoroacetophenone | 156 | C8H6F2O | 000369-33-5 | 53 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022443.D
Acq On : 19 Jun 2016 3:58
Operator : UM/SJ
Sample : H3489-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S6-B2(0-10)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

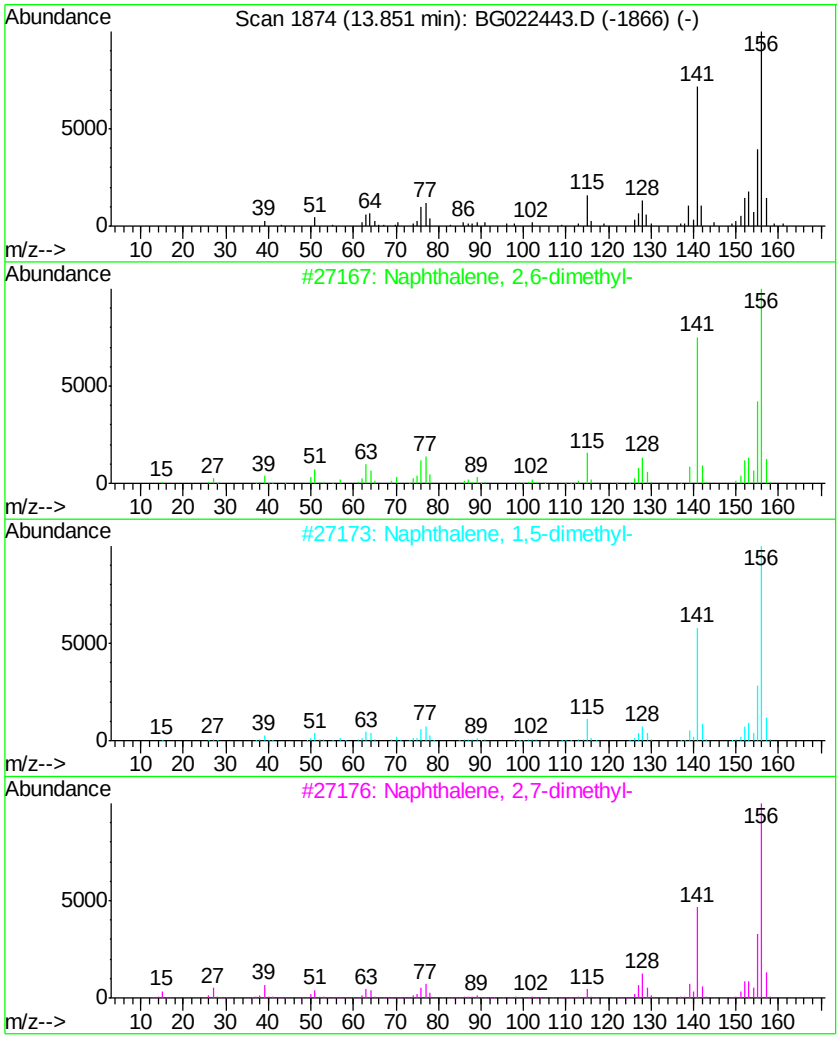
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

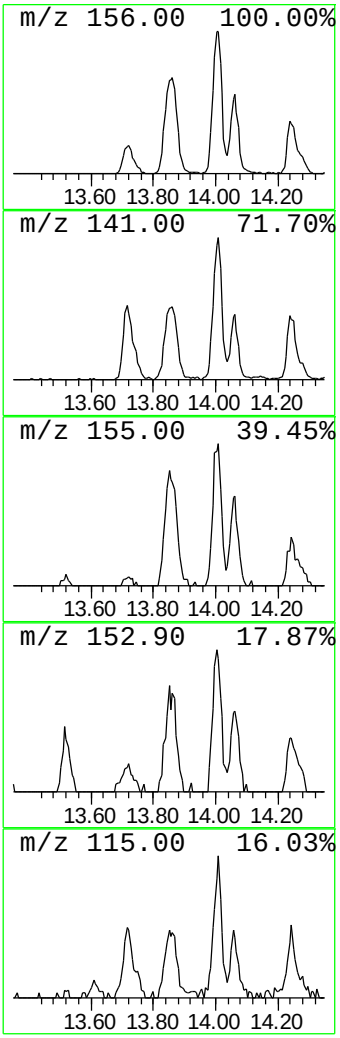
**********

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.85 | 5.81 ng | 145559 | Acenaphthene-d10 | 14.68 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 2 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 97 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 4 | Naphthalene, 1,8-dimethyl- | 156 | C12H12 | 000569-41-5 | 96 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022443.D
Acq On : 19 Jun 2016 3:58
Operator : UM/SJ
Sample : H3489-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S6-B2(0-10)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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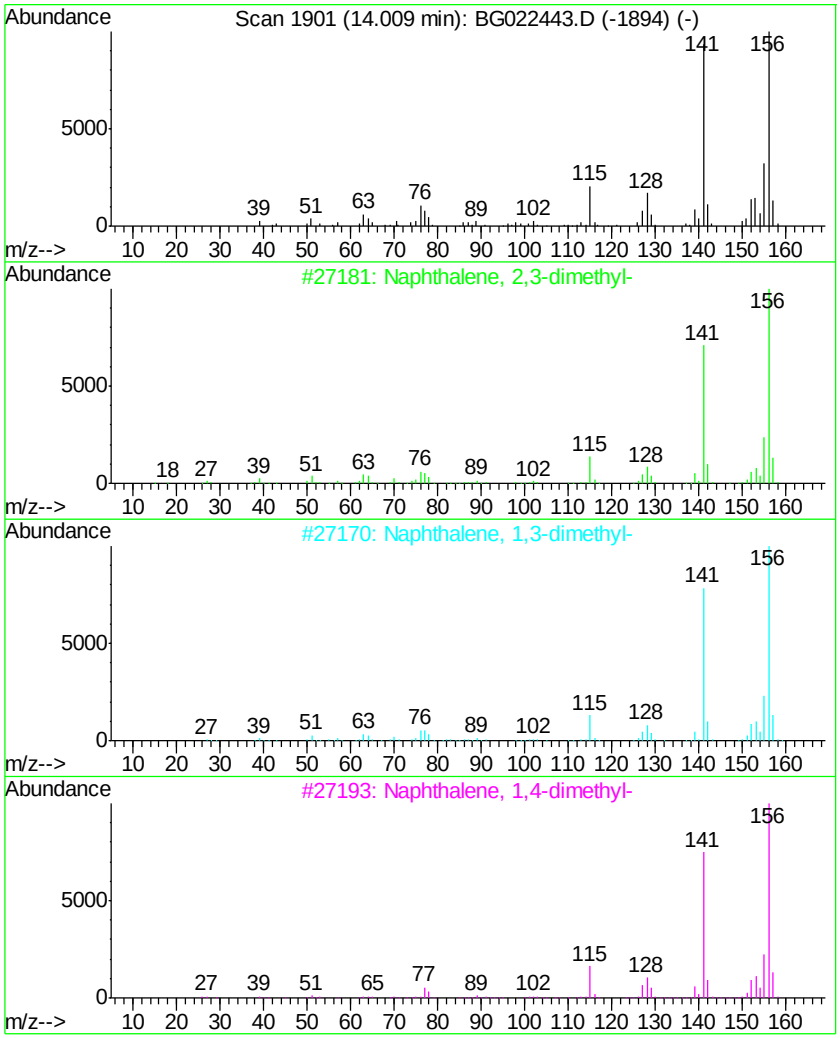
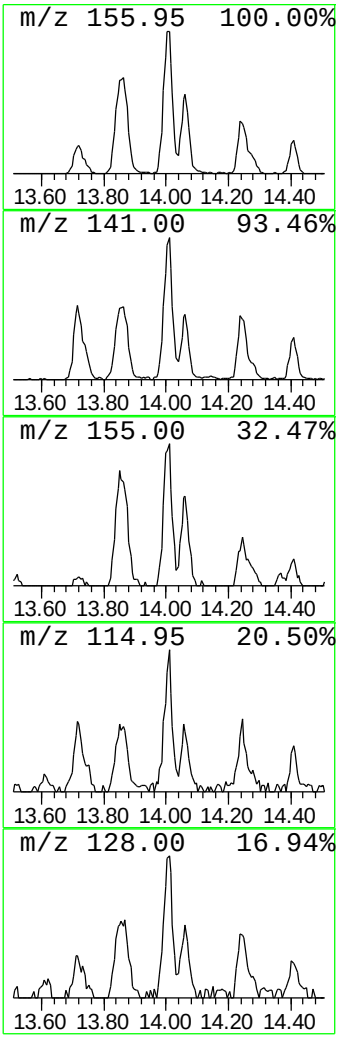
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.01 | 6.42 ng | 160905 | Acenaphthene-d10 | 14.68 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 3 | Naphthalene, 1,4-dimethyl- | 156 | C12H12 | 000571-58-4 | 96 |
| 4 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 96 |
| 5 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022443.D
Acq On : 19 Jun 2016 3:58
Operator : UM/SJ
Sample : H3489-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S6-B2(0-10)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

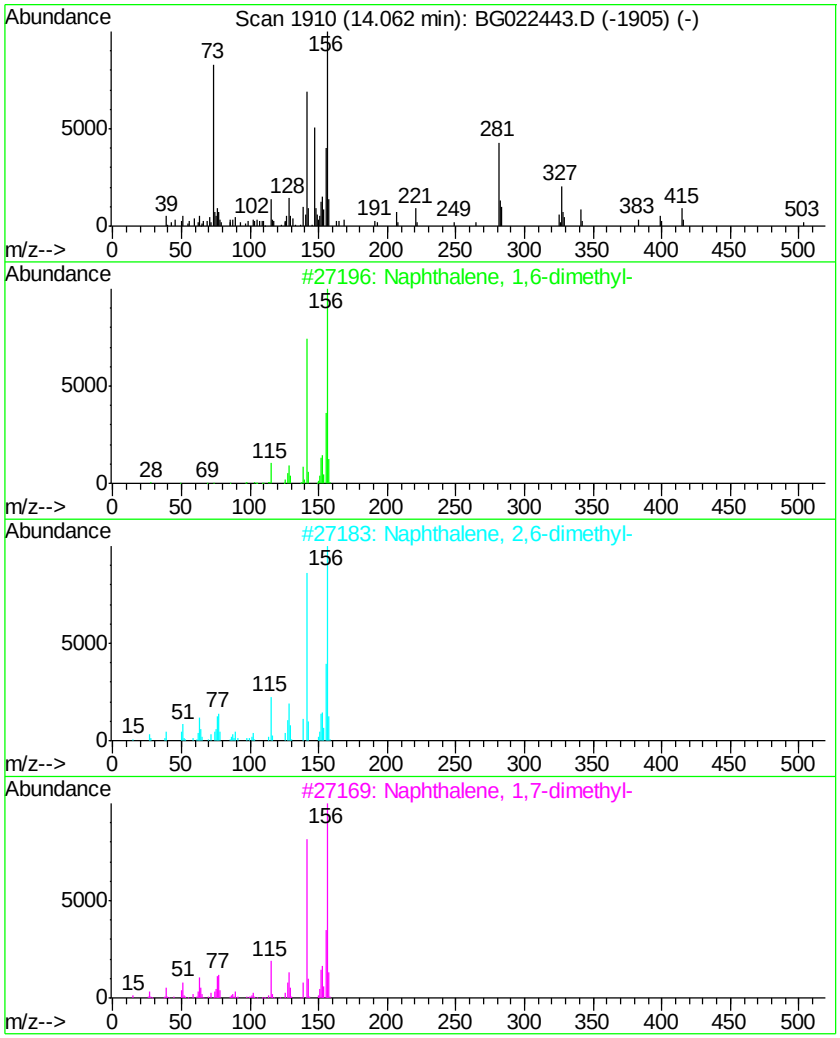
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

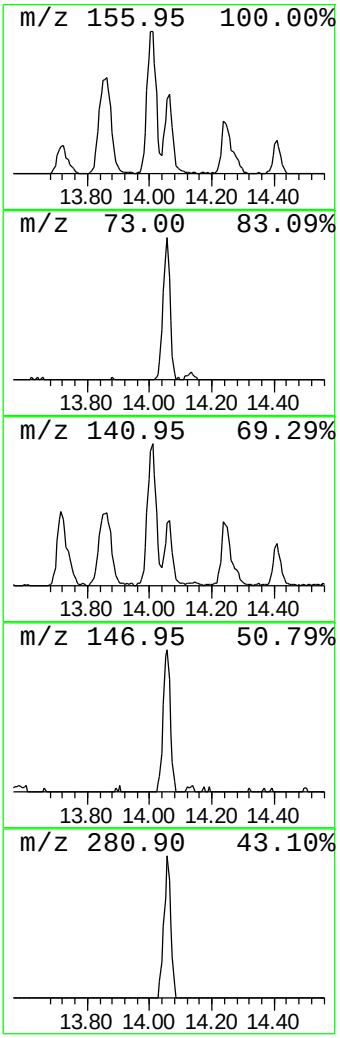
**********

Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.06 | 5.29 ng | 132620 | Acenaphthene-d10 | 14.68 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 95 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 90 |
| 3 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 89 |
| 4 | Naphthalene, 1,5-dimethyl- | 156 | C12H12 | 000571-61-9 | 86 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 86 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022443.D
Acq On : 19 Jun 2016 3:58
Operator : UM/SJ
Sample : H3489-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S6-B2(0-10)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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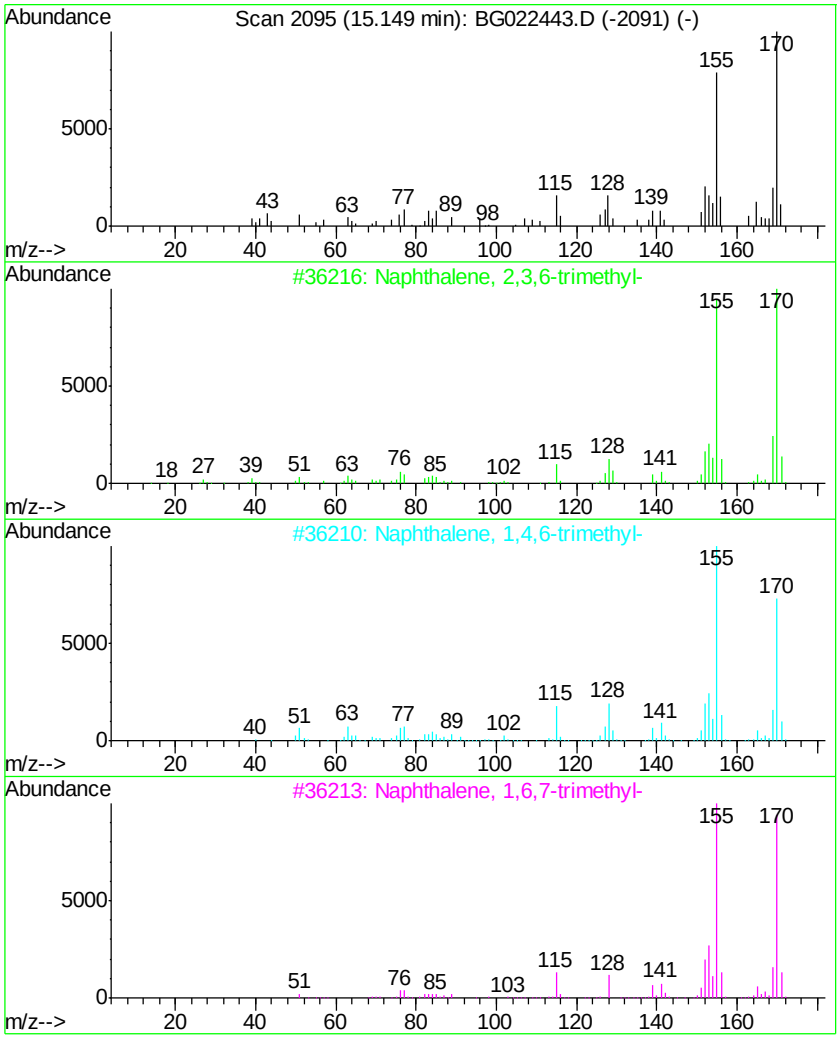
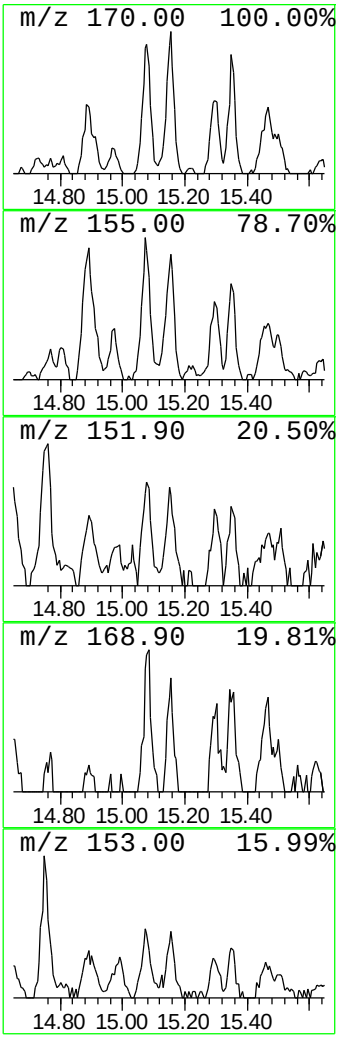
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.15 | 2.31 ng | 57885 | Acenaphthene-d10 | 14.68 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 2 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 91 |
| 3 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 91 |
| 4 | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14 | 1000187-78-5 | 83 |
| 5 | 1-(2,2-Dimethylcyclopropyl)-2-ph... | 170 | C13H14 | 1000294-91-1 | 72 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022443.D
Acq On : 19 Jun 2016 3:58
Operator : UM/SJ
Sample : H3489-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S6-B2(0-10)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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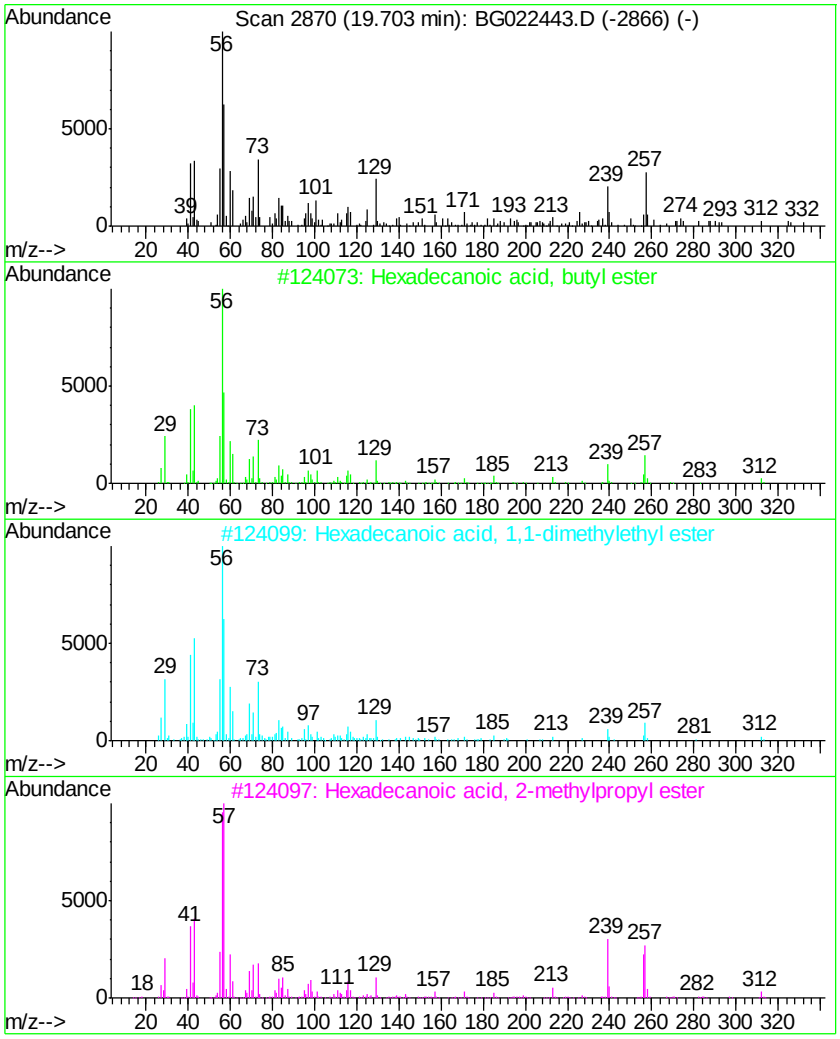
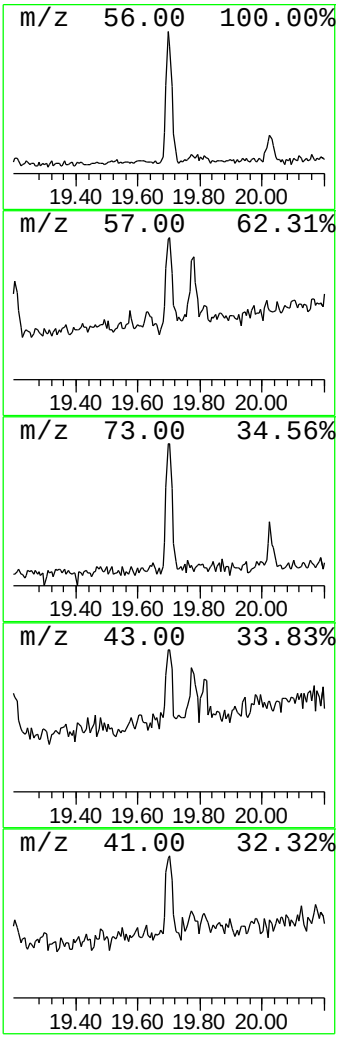
Peak Number 14 Hexadecanoic acid, butyl ester Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.70 | 3.25 ng | 76553 | Chrysene-d12 | 21.70 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecanoic acid, butyl ester | 312 | C20H40O2 | 000111-06-8 | 95 |
| 2 | Hexadecanoic acid, 1,1-dimethyle... | 312 | C20H40O2 | 031158-91-5 | 92 |
| 3 | Hexadecanoic acid, 2-methylpropy... | 312 | C20H40O2 | 000110-34-9 | 50 |
| 4 | Nipecotic acid | 129 | C6H11NO2 | 000498-95-3 | 47 |
| 5 | Urea, N,N'-di-2-propenyl- | 140 | C7H12N2O | 001801-72-5 | 30 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
Data File : BG022443.D
Acq On : 19 Jun 2016 3:58
Operator : UM/SJ
Sample : H3489-05
Misc :
ALS Vial : 52 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** S6-B2(0-10)C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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 |
| unknown2.87 | 2.87 | 192.2 | ng | 2095670 | 1 | 8.05 | 218089 | 20.0 |
| 3-Penten-2-one, 4... | 4.49 | 4.9 | ng | 53876 | 1 | 8.05 | 218089 | 20.0 |
| 2-Pentanone, 4-hy... | 5.11 | 24.4 | ng | 265746 | 1 | 8.05 | 218089 | 20.0 |
| unknown7.59 | 7.59 | 92.4 | ng | 1007570 | 1 | 8.05 | 218089 | 20.0 |
| Cyclohexasiloxane... | 12.08 | 4.5 | ng | 82886 | 2 | 10.87 | 363992 | 20.0 |
| Naphthalene, 1-et... | 13.72 | 2.5 | ng | 63789 | 3 | 14.68 | 501184 | 20.0 |
| Naphthalene, 2,6-... | 13.85 | 5.8 | ng | 145559 | 3 | 14.68 | 501184 | 20.0 |
| Naphthalene, 2,3-... | 14.01 | 6.4 | ng | 160905 | 3 | 14.68 | 501184 | 20.0 |
| Naphthalene, 1,6-... | 14.06 | 5.3 | ng | 132620 | 3 | 14.68 | 501184 | 20.0 |
| Naphthalene, 2,3,... | 15.15 | 2.3 | ng | 57885 | 3 | 14.68 | 501184 | 20.0 |
| Hexadecanoic acid... | 19.70 | 3.3 | ng | 76553 | 5 | 21.70 | 471238 | 20.0 |