LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043643.D
Acq On : 14 Nov 2019 21:06
Operator : JU
Sample : K5813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP-B

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_G\METHODS\8270-BG102119.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 | 3.164 | 8 | 13 | 23 | rVB | 79981 | 139957 | 1.17% | 0.527% |
| 2 | 5.103 | 337 | 343 | 351 | rBV | 90732 | 146303 | 1.22% | 0.551% |
| 3 | 5.597 | 420 | 427 | 437 | rBV | 435596 | 759973 | 6.35% | 2.861% |
| 4 | 7.201 | 692 | 700 | 715 | rBV | 440165 | 888352 | 7.42% | 3.344% |
| 5 | 7.541 | 751 | 758 | 768 | rBV | 479601 | 853010 | 7.13% | 3.211% |
| 6 | 7.994 | 828 | 835 | 842 | rBV | 128681 | 232637 | 1.94% | 0.876% |
| 7 | 8.323 | 881 | 891 | 904 | rBV | 369116 | 652250 | 5.45% | 2.455% |
| 8 | 9.157 | 1026 | 1033 | 1057 | rBV | 240485 | 504973 | 4.22% | 1.901% |
| 9 | 10.802 | 1305 | 1313 | 1317 | rBV2 | 164149 | 315920 | 2.64% | 1.189% |
| 10 | 10.849 | 1317 | 1321 | 1330 | rVB | 167786 | 317358 | 2.65% | 1.195% |
| 11 | 13.247 | 1722 | 1729 | 1746 | rBV | 683318 | 1135730 | 9.49% | 4.275% |
| 12 | 14.075 | 1862 | 1870 | 1880 | rBV | 83805 | 145016 | 1.21% | 0.546% |
| 13 | 14.627 | 1954 | 1964 | 1971 | rBV | 298370 | 470397 | 3.93% | 1.771% |
| 14 | 16.120 | 2211 | 2218 | 2228 | rBV | 614140 | 1039443 | 8.68% | 3.913% |
| 15 | 17.371 | 2424 | 2431 | 2435 | rBV | 355276 | 570900 | 4.77% | 2.149% |
| 16 | 17.412 | 2435 | 2438 | 2447 | rVV | 135020 | 225386 | 1.88% | 0.848% |
| 17 | 18.264 | 2576 | 2583 | 2586 | rBV2 | 79575 | 160272 | 1.34% | 0.603% |
| 18 | 18.787 | 2667 | 2672 | 2677 | rBV | 262784 | 374837 | 3.13% | 1.411% |
| 19 | 19.428 | 2776 | 2781 | 2786 | rBV | 281177 | 390068 | 3.26% | 1.468% |
| 20 | 19.786 | 2839 | 2842 | 2850 | rVB | 241404 | 392146 | 3.28% | 1.476% |
| 21 | 19.986 | 2870 | 2876 | 2881 | rBV | 1235778 | 1633453 | 13.64% | 6.148% |
| 22 | 20.285 | 2923 | 2927 | 2933 | rVB3 | 122046 | 166281 | 1.39% | 0.626% |
| 23 | 21.519 | 3133 | 3137 | 3143 | rVB3 | 95512 | 137850 | 1.15% | 0.519% |
| 24 | 21.637 | 3149 | 3157 | 3162 | rBV3 | 441126 | 918508 | 7.67% | 3.457% |
| 25 | 21.819 | 3184 | 3188 | 3193 | rVB4 | 81526 | 123907 | 1.04% | 0.466% |
| 26 | 22.418 | 3286 | 3290 | 3296 | rVB3 | 82792 | 123862 | 1.03% | 0.466% |
| 27 | 23.100 | 3401 | 3406 | 3413 | rVB2 | 93722 | 173515 | 1.45% | 0.653% |
| 28 | 23.817 | 3521 | 3528 | 3533 | rBV3 | 81979 | 263484 | 2.20% | 0.992% |
| 29 | 24.522 | 3643 | 3648 | 3657 | rVB2 | 51838 | 140665 | 1.18% | 0.529% |
| 30 | 24.674 | 3666 | 3674 | 3683 | rVB2 | 75982 | 231034 | 1.93% | 0.870% |
| 31 | 24.821 | 3690 | 3699 | 3718 | rVB3 | 322587 | 968100 | 8.09% | 3.644% |
| 32 | 25.156 | 3728 | 3756 | 3774 | rBV | 1956037 | 11971381 | 100.00% | 45.061% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043643.D
Acq On : 14 Nov 2019 21:06
Operator : JU
Sample : K5813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
SP-B

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_G\METHODS\8270-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 26566968

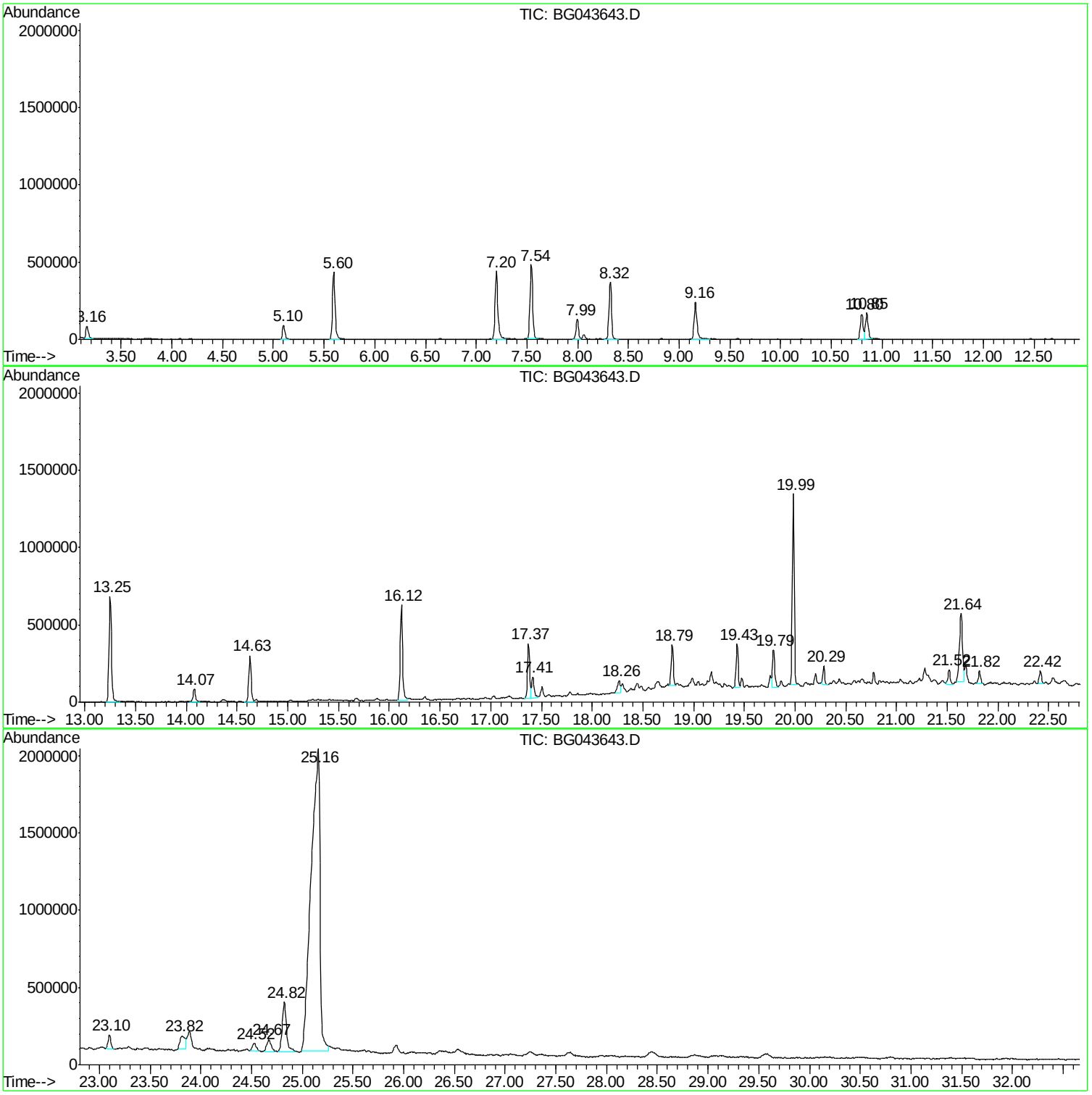
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043643.D
Acq On : 14 Nov 2019 21:06
Operator : JU
Sample : K5813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043643.D
Acq On : 14 Nov 2019 21:06
Operator : JU
Sample : K5813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

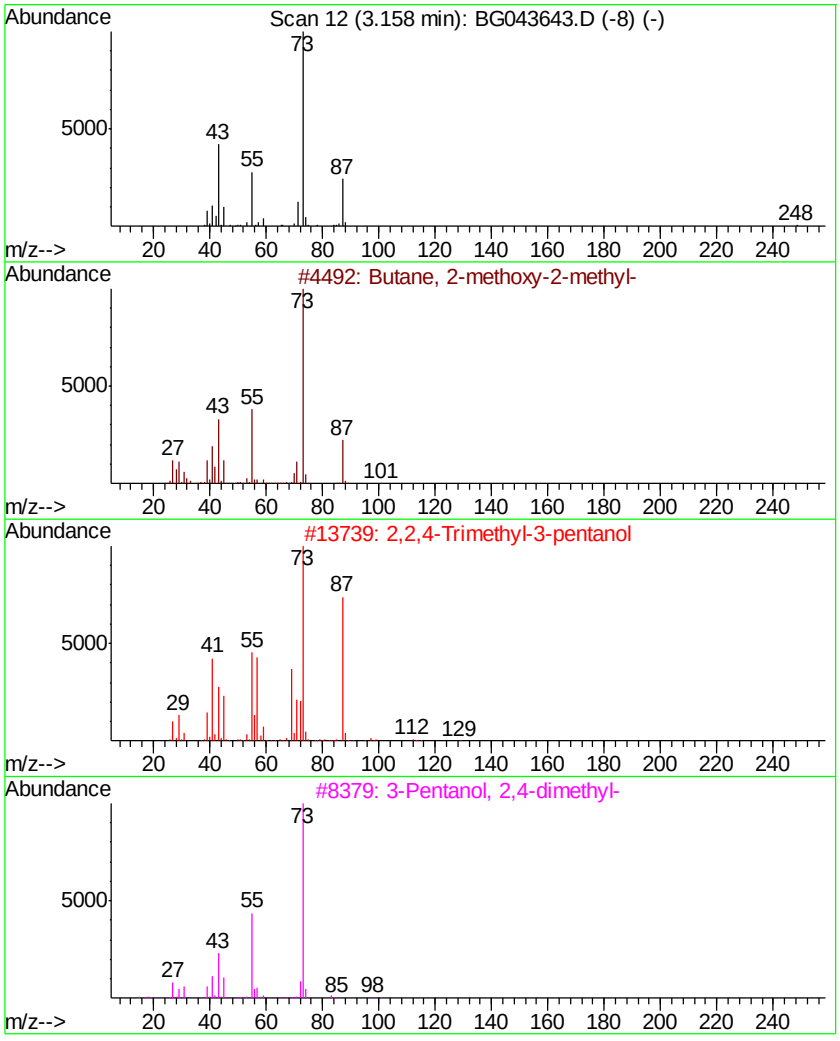
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

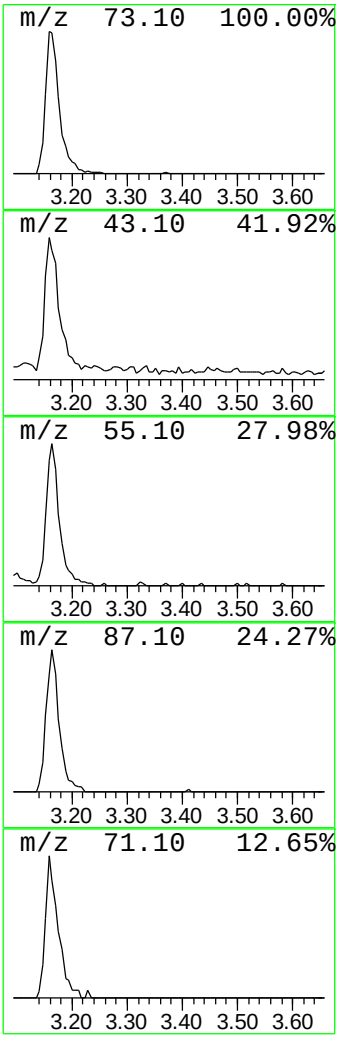
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.16 | 12.03 ng | 139957 | 1,4-Dichlorobenzene-d4 | 7.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 3 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 23 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 12 |
| 5 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 9 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043643.D
Acq On : 14 Nov 2019 21:06
Operator : JU
Sample : K5813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

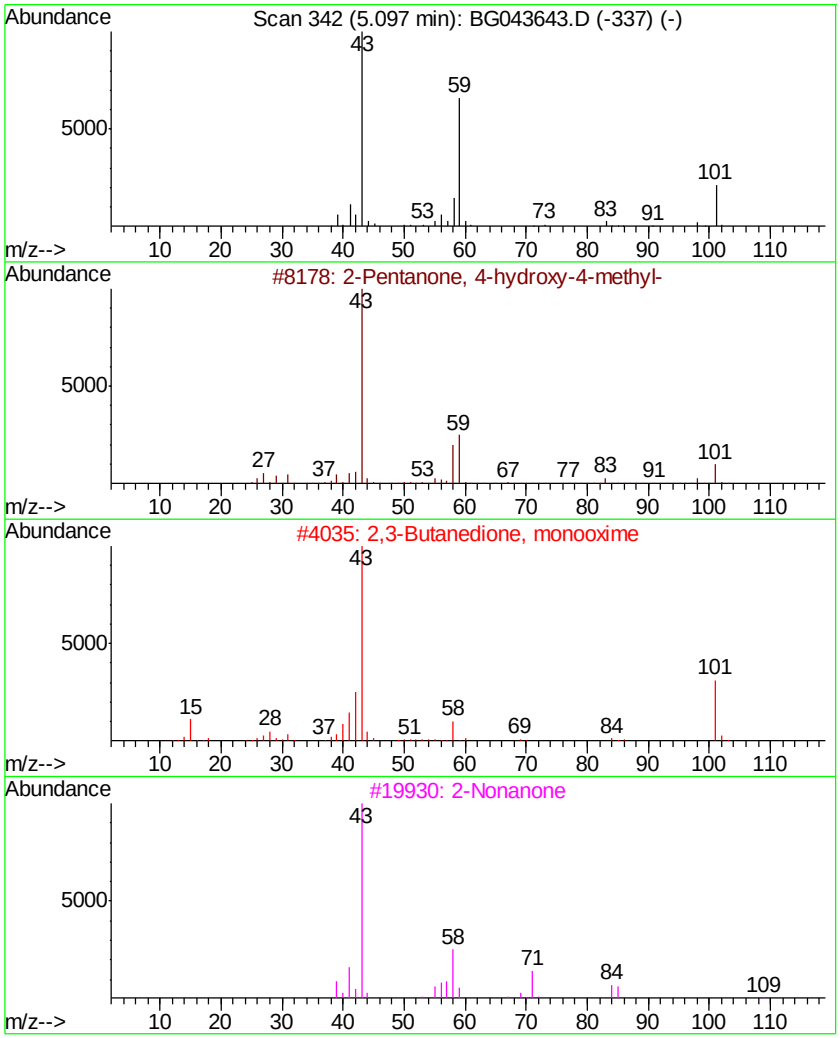
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

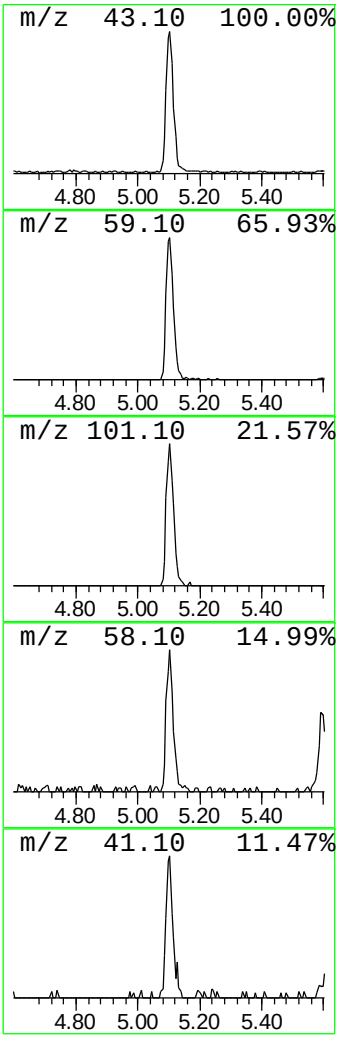
**********

Peak Number 2 unknown5.10 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.10 | 12.58 ng | 146303 | 1,4-Dichlorobenzene-d4 | 7.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 40 |
| 2 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 25 |
| 3 | 2-Nonanone | 142 | C9H18O | 000821-55-6 | 17 |
| 4 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |
| 5 | Acetone | 58 | C3H6O | 000067-64-1 | 9 |



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043643.D
Acq On : 14 Nov 2019 21:06
Operator : JU
Sample : K5813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

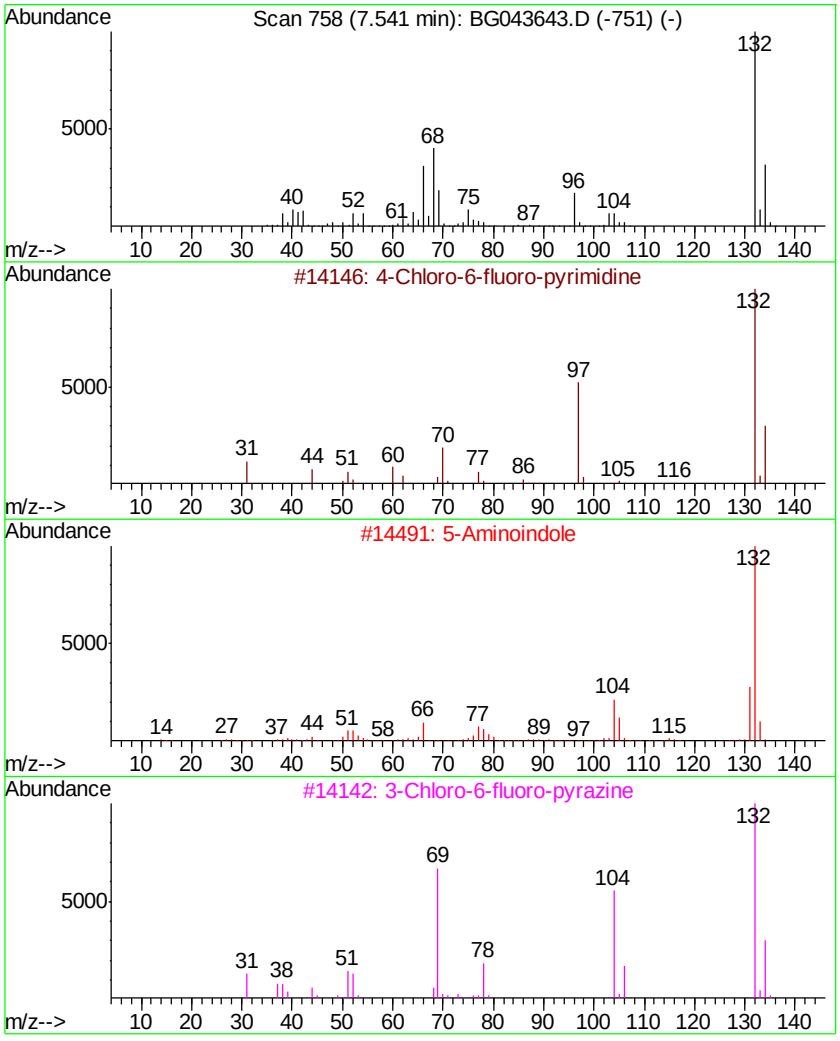
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

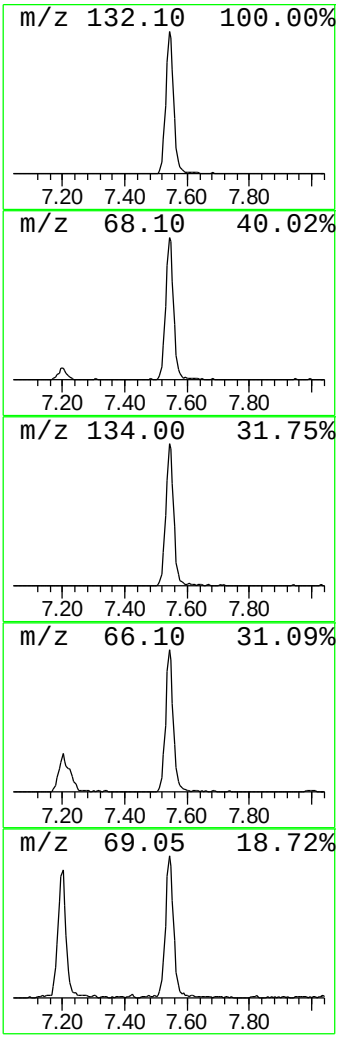
**********

Peak Number 3 unknown7.54 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.54 | 73.33 ng | 853010 | 1,4-Dichlorobenzene-d4 | 7.99 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6 | 27 |
| 2 | 5-Aminoindole | 132 | C8H8N2 | 005192-03-0 | 27 |
| 3 | 3-Chloro-6-fluoro-pyrazine | 132 | C4H2ClFN2 | 1000146-10-7 | 27 |
| 4 | Pyrazolo(2,3-a)pyridine, 7-methyl- | 132 | C8H8N2 | 034760-58-2 | 22 |
| 5 | 5-Fluoro-2-chloropyrimidine | 132 | C4H2ClFN2 | 062802-42-0 | 16 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043643.D
Acq On : 14 Nov 2019 21:06
Operator : JU
Sample : K5813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

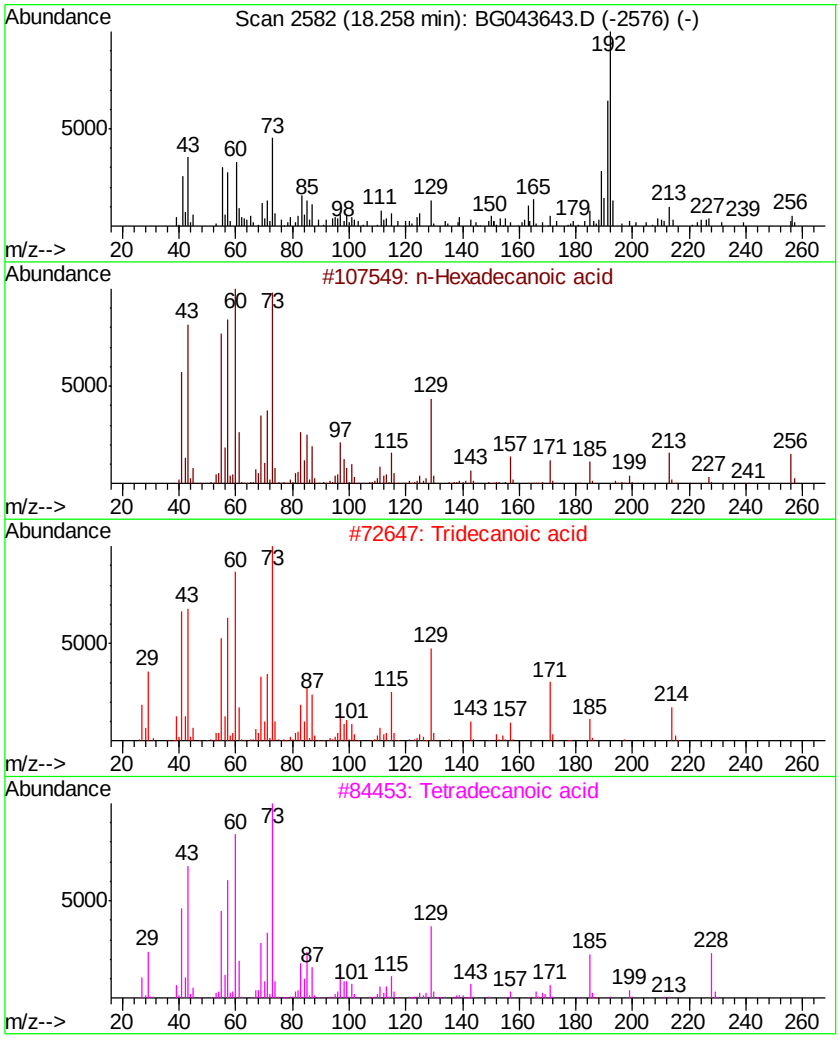
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

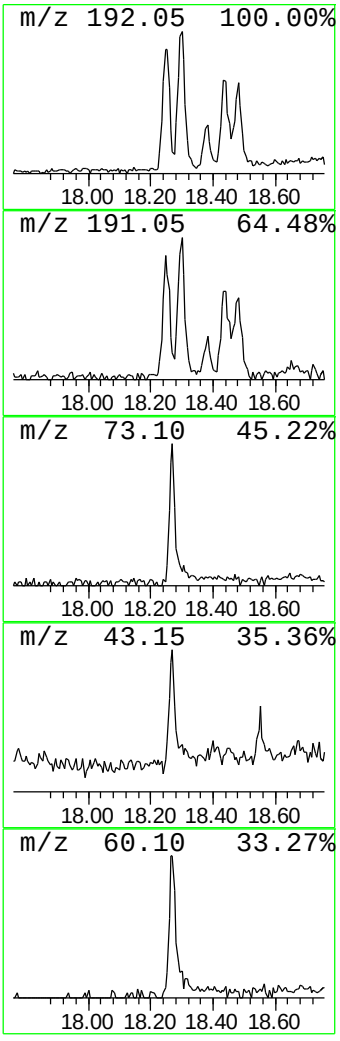
**********

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.26 | 5.61 ng | 160272 | Phenanthrene-d10 | 17.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 78 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 49 |
| 4 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 46 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 38 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043643.D
Acq On : 14 Nov 2019 21:06
Operator : JU
Sample : K5813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

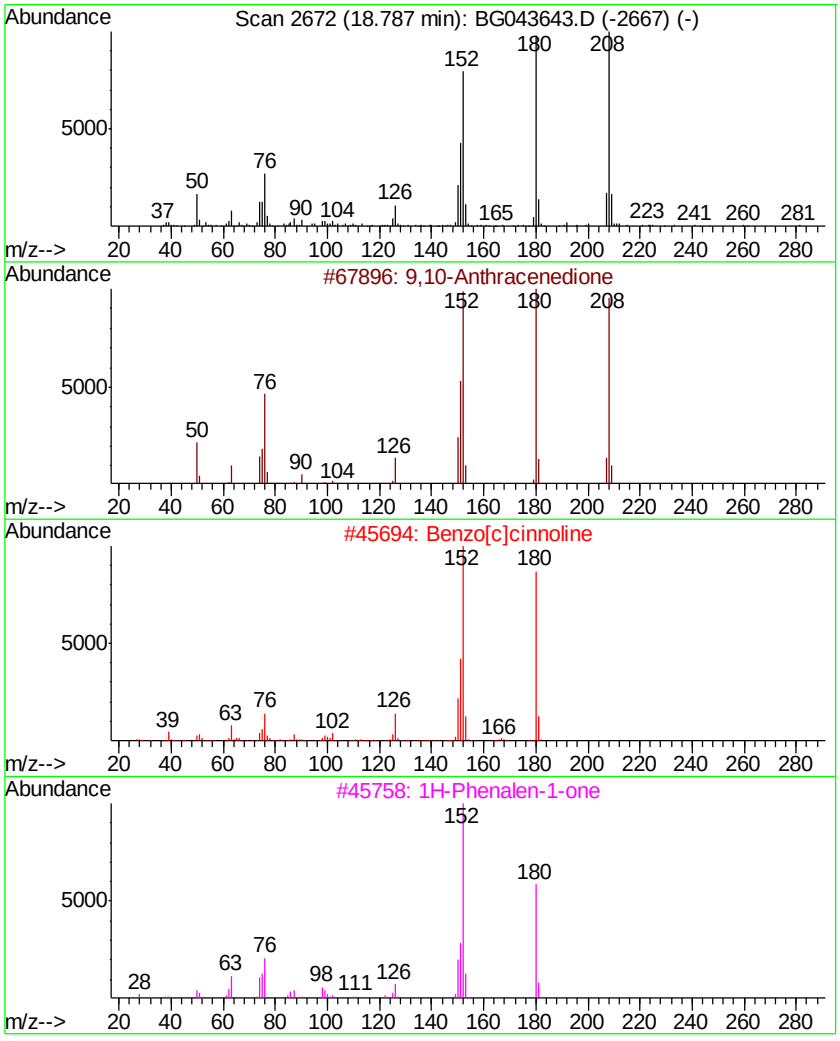
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

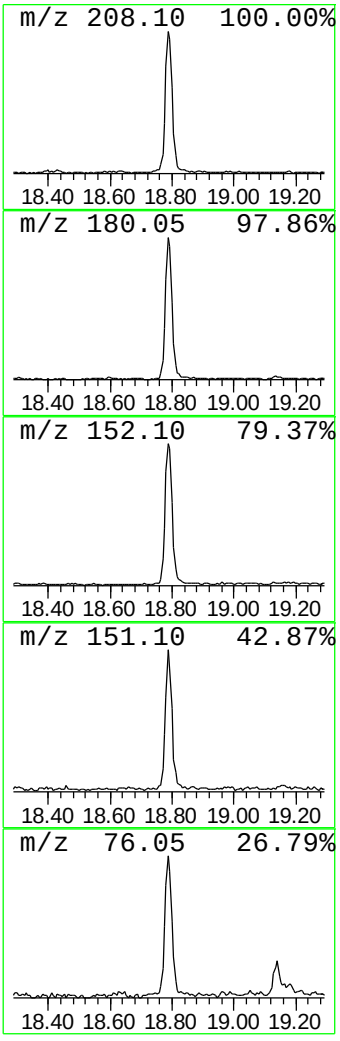
**********

Peak Number 6 9,10-Anthracenedione Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.79 | 13.13 ng | 374837 | Phenanthrene-d10 | 17.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 97 |
| 2 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 86 |
| 3 | 1H-Phenalen-1-one | 180 | C13H8O | 000548-39-0 | 64 |
| 4 | 1,4-Anthracenedione | 208 | C14H8O2 | 000635-12-1 | 64 |
| 5 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 62 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043643.D
Acq On : 14 Nov 2019 21:06
Operator : JU
Sample : K5813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

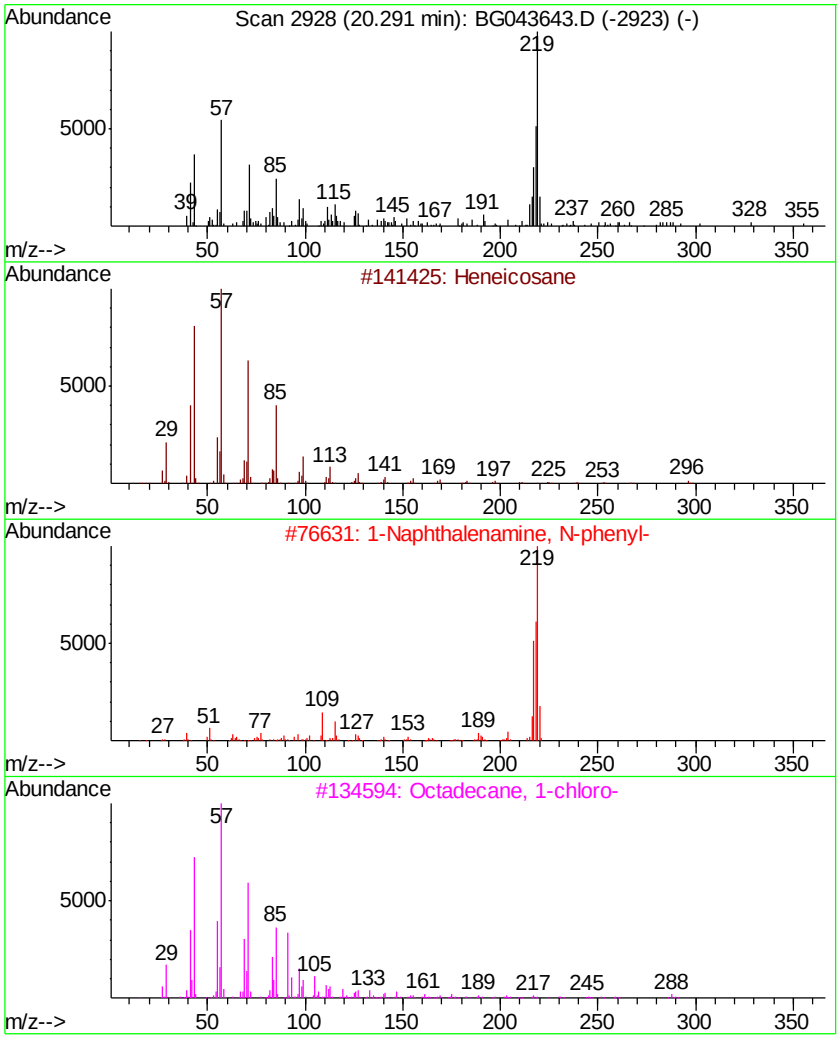
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

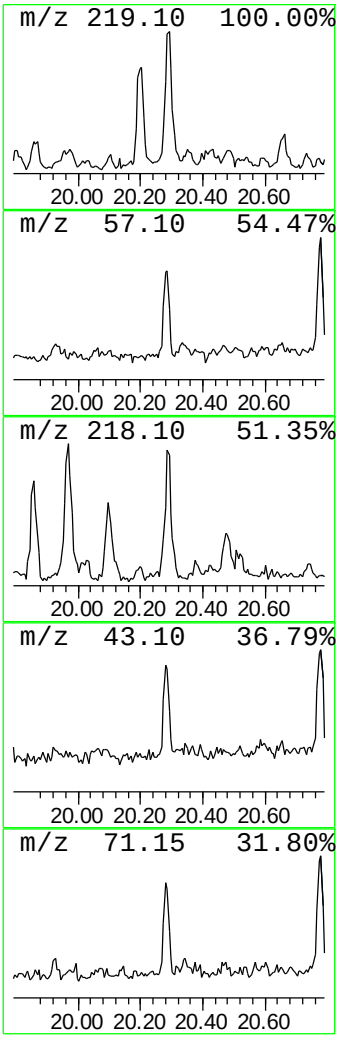
**********

Peak Number 7 unknown20.29 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.29 | 3.62 ng | 166281 | Chrysene-d12 | 21.64 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 45 |
| 2 | 1-Naphthalenamine, N-phenyl- | 219 | C16H13N | 000090-30-2 | 25 |
| 3 | Octadecane, 1-chloro- | 288 | C18H37Cl | 003386-33-2 | 25 |
| 4 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 20 |
| 5 | Allopregnane-3.alpha.,20.alpha.-... | 320 | C21H36O2 | 000566-58-5 | 18 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043643.D
Acq On : 14 Nov 2019 21:06
Operator : JU
Sample : K5813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP-B

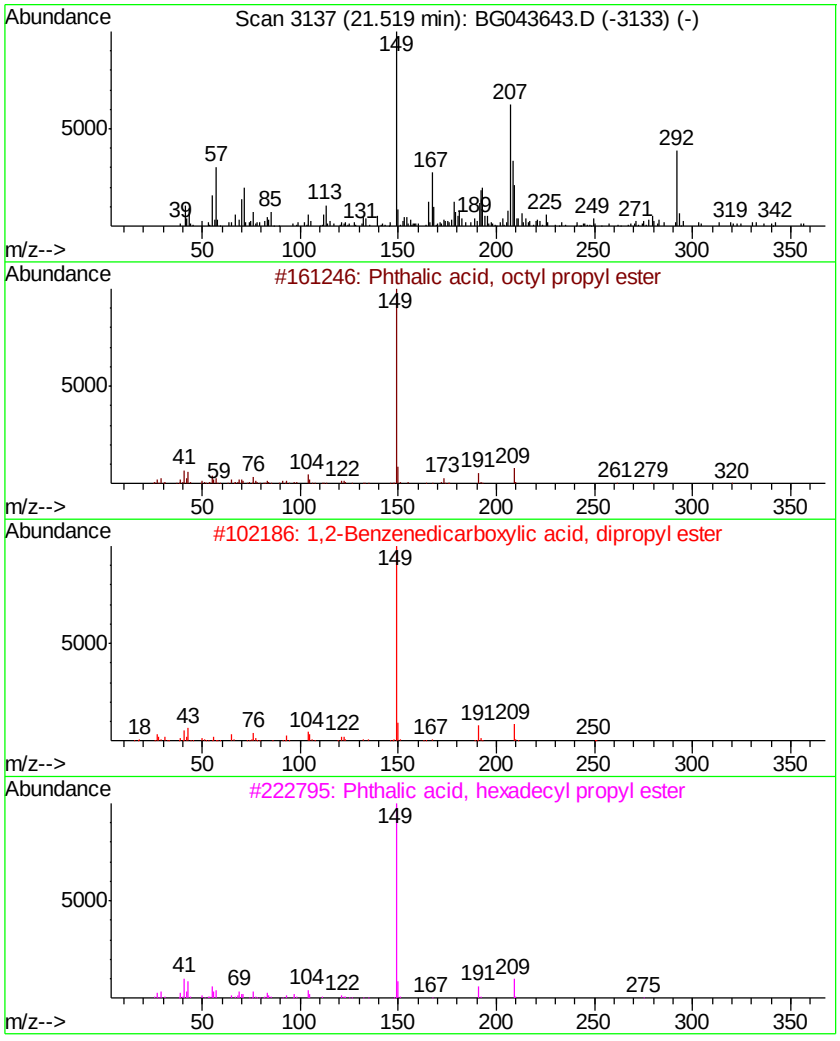
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

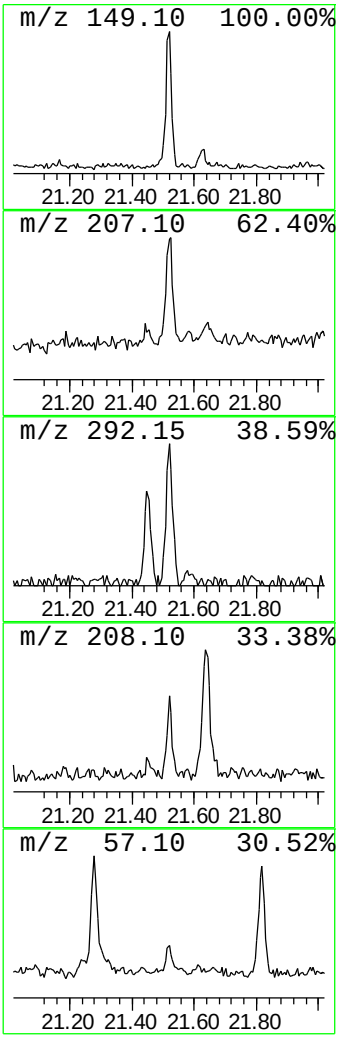
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Phthalic acid, octyl propyl... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.52 | 3.00 ng | 137850 | Chrysene-d12 | 21.64 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phthalic acid, octyl propyl ester | 320 | C19H28O4 | 1000309-10-8 | 81 |
| 2 | 1,2-Benzenedicarboxylic acid, di... | 250 | C14H18O4 | 000131-16-8 | 49 |
| 3 | Phthalic acid, hexadecyl propyl ... | 432 | C27H44O4 | 1000309-06-5 | 30 |
| 4 | Phthalic acid, decyl propyl ester | 348 | C21H32O4 | 1000308-98-8 | 22 |
| 5 | Phthalic acid, monoamide, N-isop... | 277 | C16H23NO3 | 1000314-85-1 | 18 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043643.D
Acq On : 14 Nov 2019 21:06
Operator : JU
Sample : K5813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

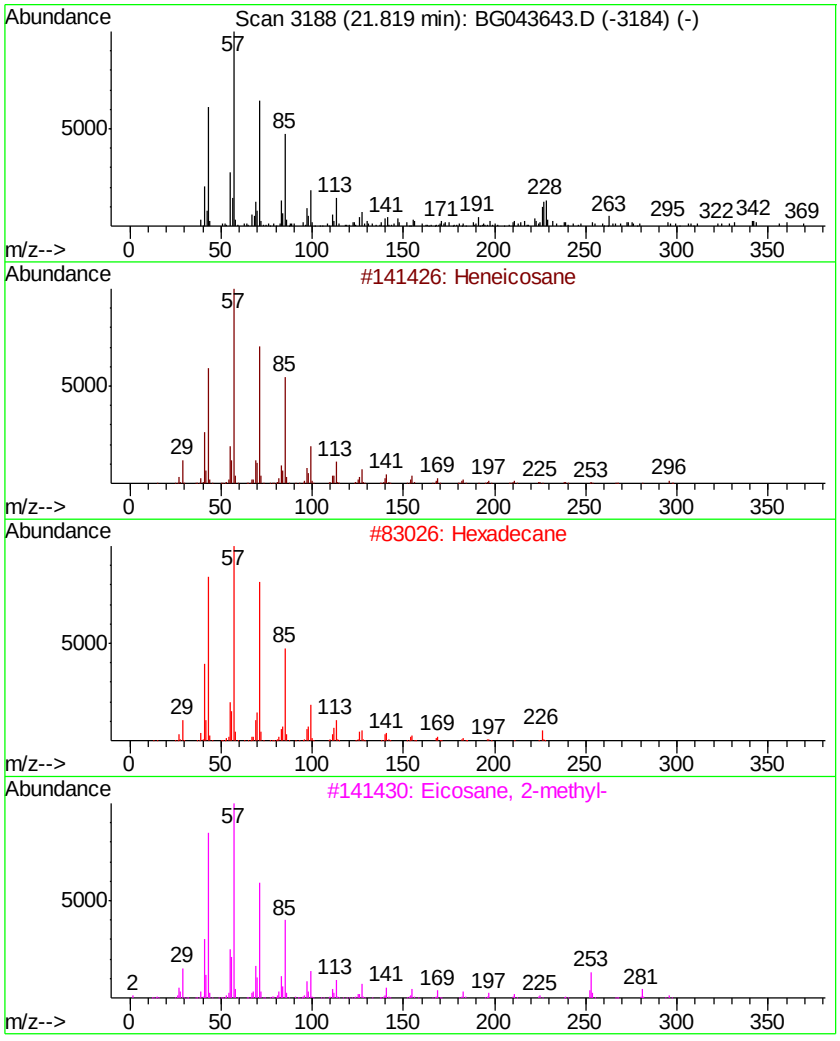
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

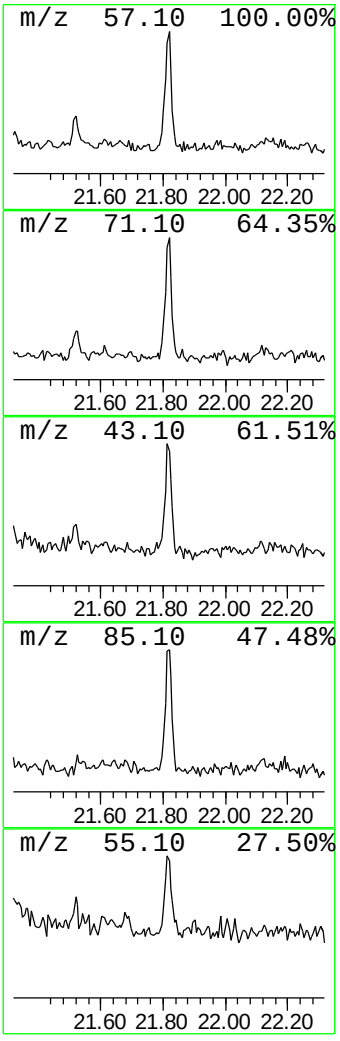
**********

Peak Number 9 Hexadecane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.82 | 2.70 ng | 123907 | Chrysene-d12 | 21.64 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 99 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 89 |
| 3 | Eicosane, 2-methyl- | 296 | C21H44 | 001560-84-5 | 86 |
| 4 | Tricosane | 324 | C23H48 | 000638-67-5 | 83 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 70 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043643.D
Acq On : 14 Nov 2019 21:06
Operator : JU
Sample : K5813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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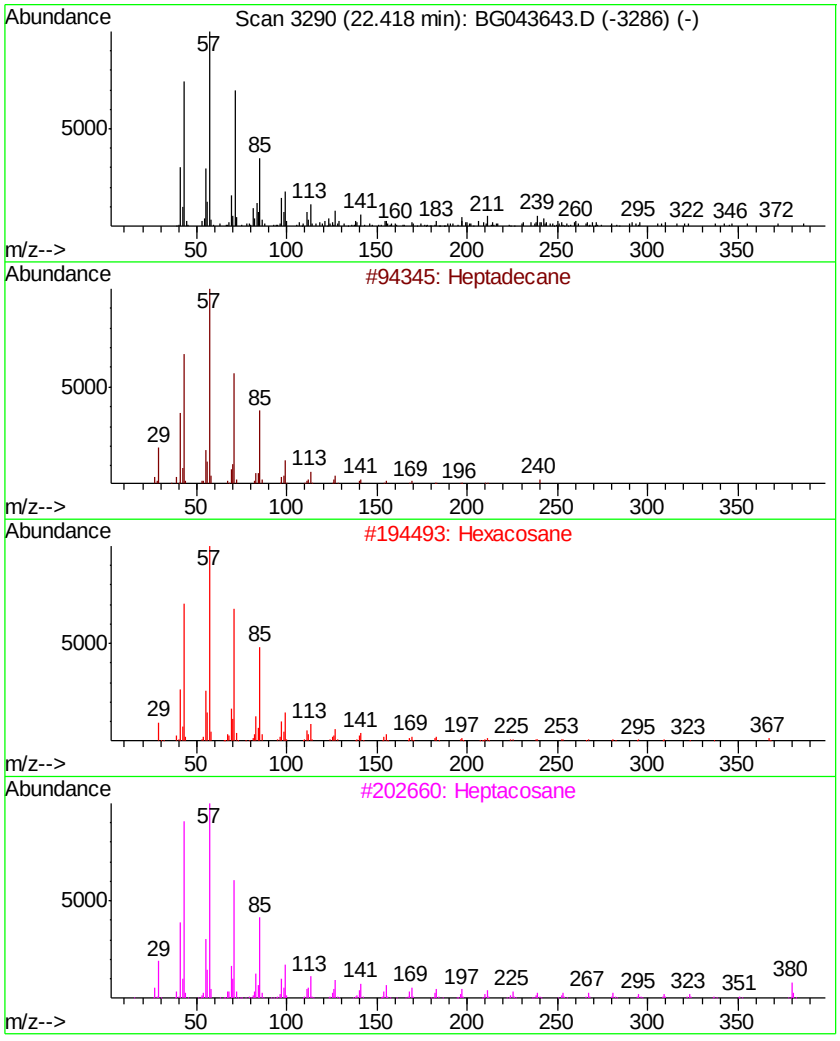
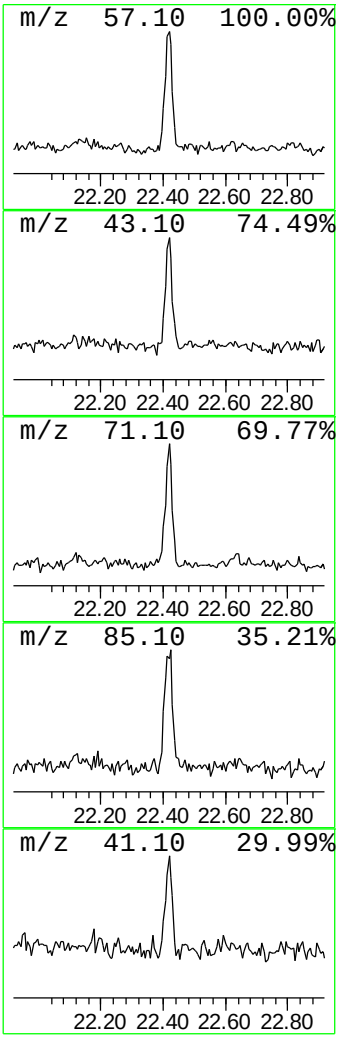
Peak Number 10 Heptadecane Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.42 | 2.70 ng | 123862 | Chrysene-d12 | 21.64 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 5 | Pentacosane | 352 | C25H52 | 000629-99-2 | 87 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043643.D
Acq On : 14 Nov 2019 21:06
Operator : JU
Sample : K5813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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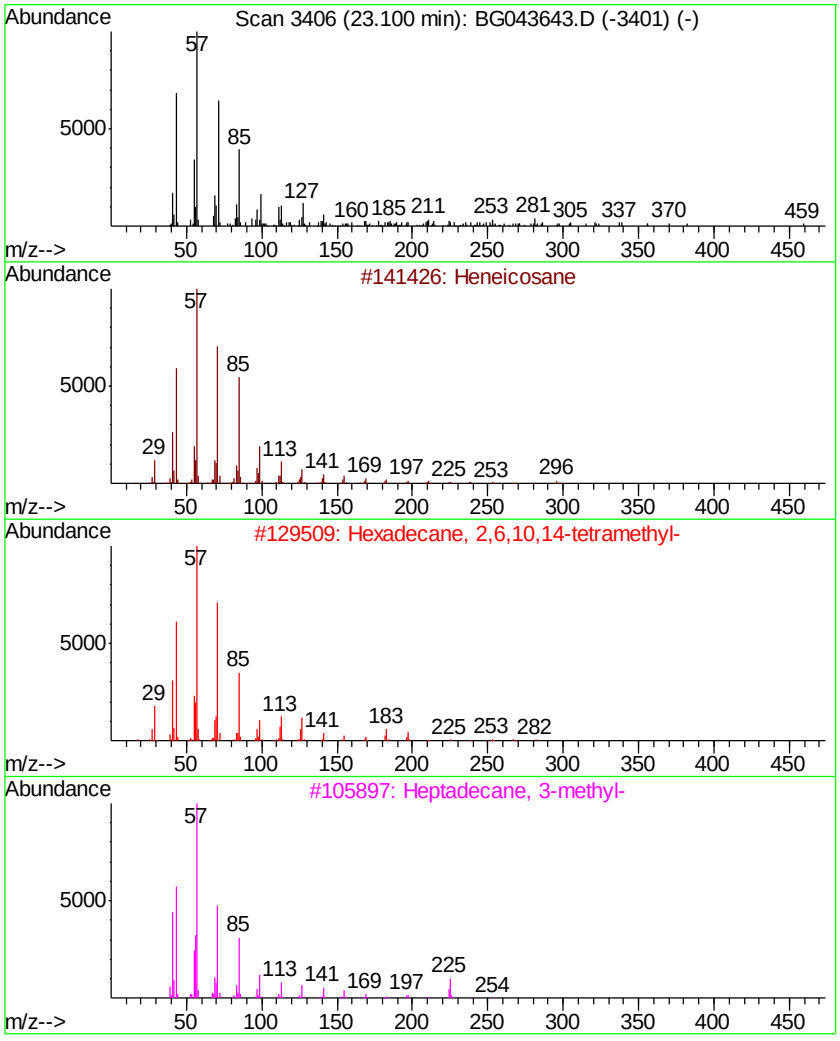
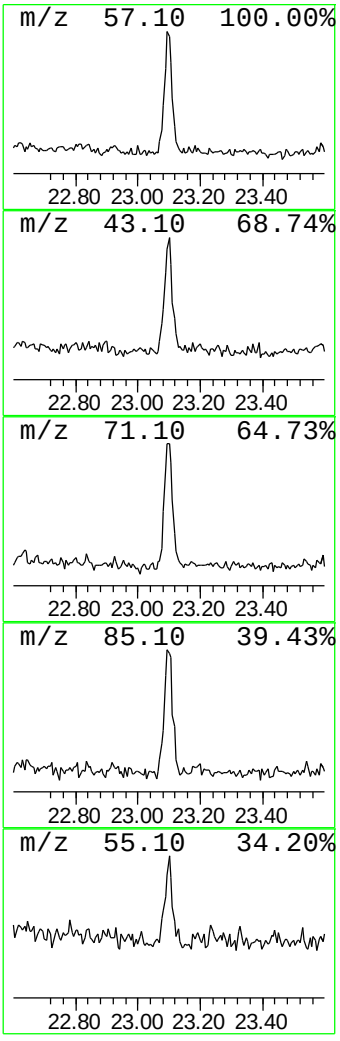
Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.10 | 3.78 ng | 173515 | Chrysene-d12 | 21.64 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 93 |
| 2 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 91 |
| 3 | Heptadecane, 3-methyl- | 254 | C18H38 | 006418-44-6 | 91 |
| 4 | Hentriacontane | 437 | C31H64 | 000630-04-6 | 90 |
| 5 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 90 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043643.D
Acq On : 14 Nov 2019 21:06
Operator : JU
Sample : K5813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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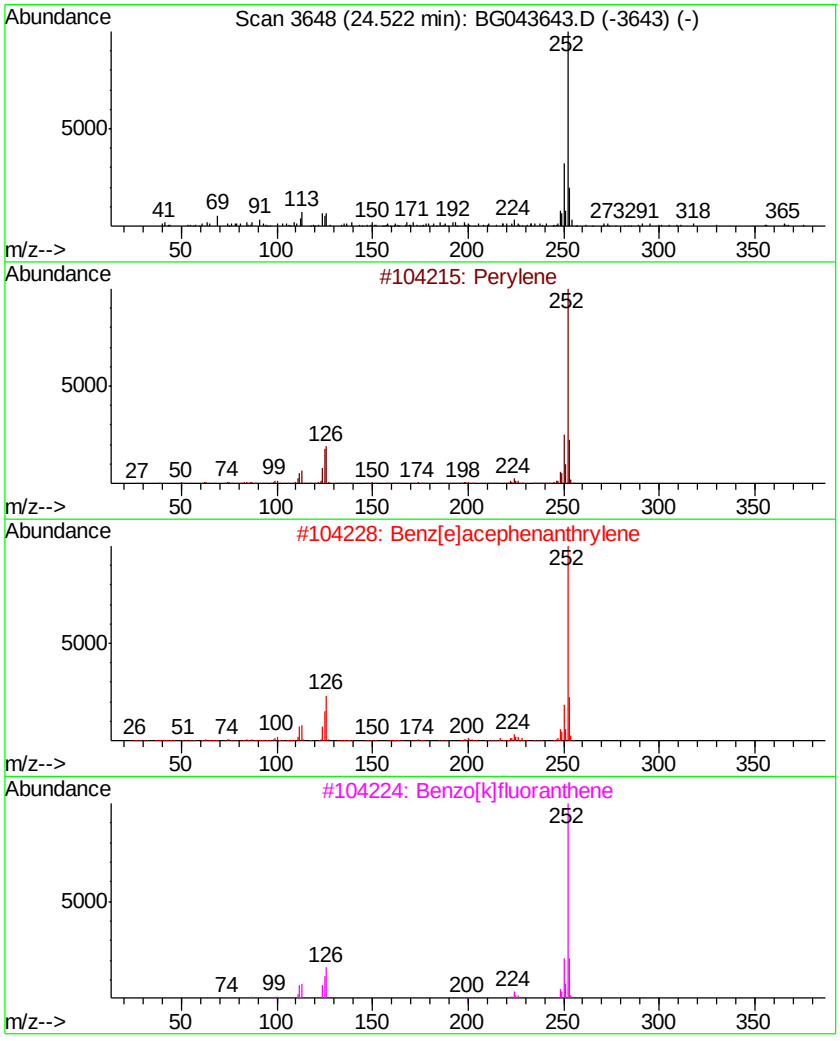
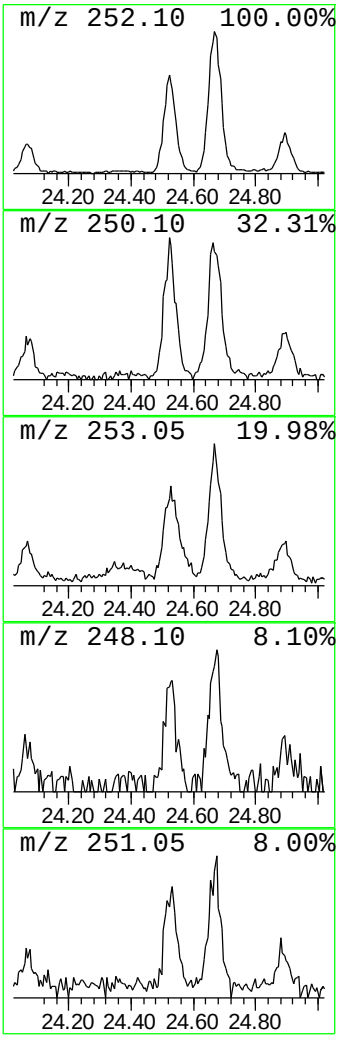
Peak Number 12 Perylene Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.52 | 2.91 ng | 140665 | Perylene-d12 | 24.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Perylene | 252 | C20H12 | 000198-55-0 | 89 |
| 2 | Benz[e]acephenanthrylene | 252 | C20H12 | 000205-99-2 | 76 |
| 3 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 76 |
| 4 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 76 |
| 5 | Benzo[j]fluoranthene | 252 | C20H12 | 000205-82-3 | 76 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043643.D
Acq On : 14 Nov 2019 21:06
Operator : JU
Sample : K5813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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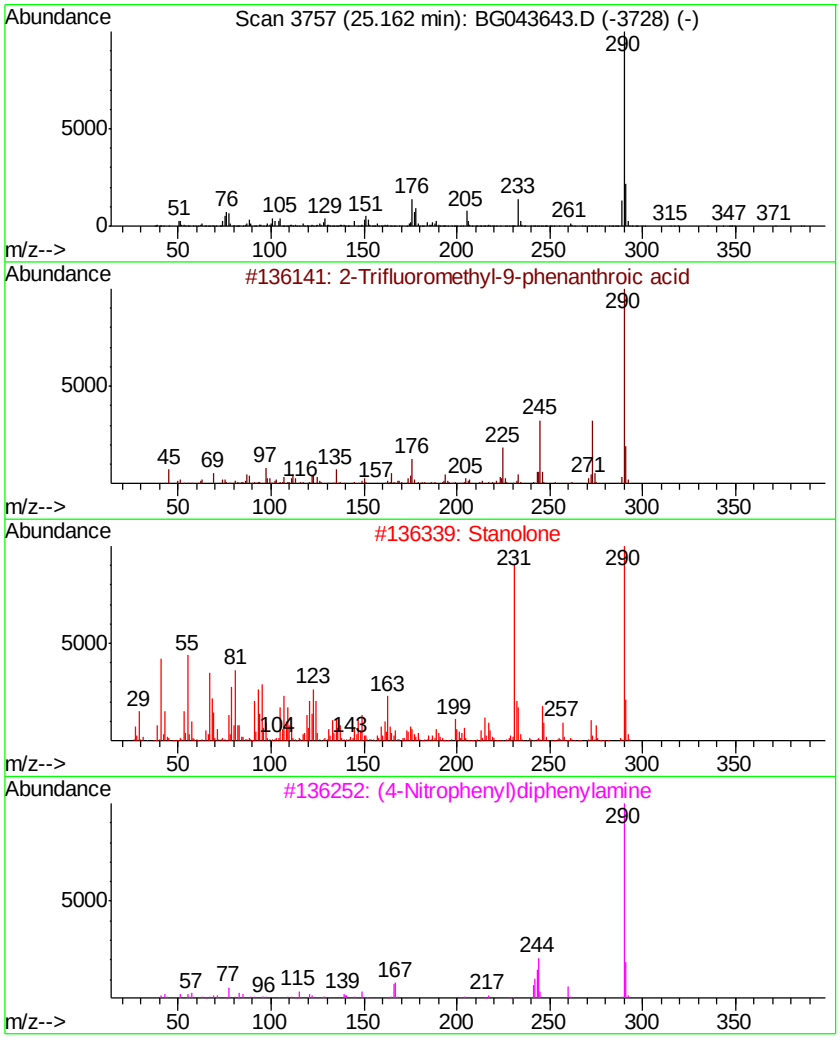
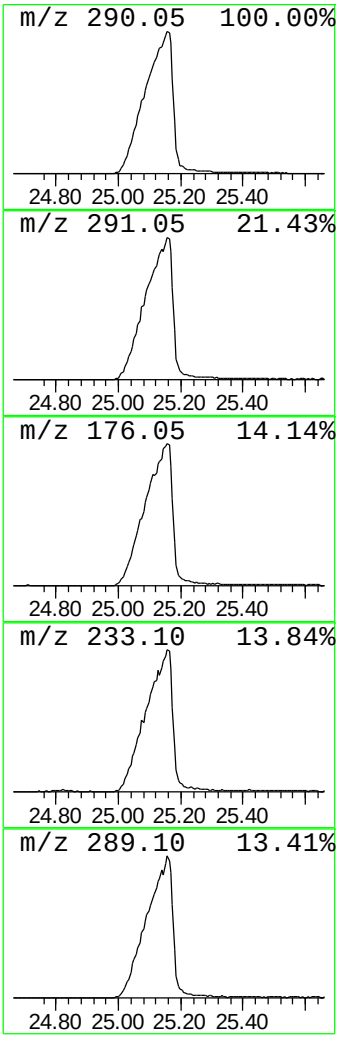
Peak Number 13 2-Trifluoromethyl-9-phenant... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 25.16 | 247.32 ng | 11971400 | Perylene-d12 | 24.82 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Trifluoromethyl-9-phenanthroic... | 290 | C16H9F3O2 | 038635-68-6 | 64 |
| 2 | Stanolone | 290 | C19H30O2 | 000521-18-6 | 59 |
| 3 | (4-Nitrophenyl)diphenylamine | 290 | C18H14N2O2 | 004316-57-8 | 53 |
| 4 | Ferrocene, benzoyl- | 290 | C17H14FeO | 001272-44-2 | 53 |
| 5 | Ethyl alpha-cyano-alpha-(6-phena... | 290 | C18H14N2O2 | 1000241-29-4 | 53 |



# Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111419\
Data File : BG043643.D
Acq On : 14 Nov 2019 21:06
Operator : JU
Sample : K5813-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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... | 3.16 | 12.0 | ng | 139957 | 1 | 7.99 | 232637 | 20.0 |
| unknown5.10 | 5.10 | 12.6 | ng | 146303 | 1 | 7.99 | 232637 | 20.0 |
| unknown7.54 | 7.54 | 73.3 | ng | 853010 | 1 | 7.99 | 232637 | 20.0 |
| n-Hexadecanoic acid | 18.26 | 5.6 | ng | 160272 | 4 | 17.37 | 570900 | 20.0 |
| 9,10-Anthracenedione | 18.79 | 13.1 | ng | 374837 | 4 | 17.37 | 570900 | 20.0 |
| unknown20.29 | 20.29 | 3.6 | ng | 166281 | 5 | 21.64 | 918508 | 20.0 |
| Phthalic acid, oc... | 21.52 | 3.0 | ng | 137850 | 5 | 21.64 | 918508 | 20.0 |
| Hexadecane | 21.82 | 2.7 | ng | 123907 | 5 | 21.64 | 918508 | 20.0 |
| Heptadecane | 22.42 | 2.7 | ng | 123862 | 5 | 21.64 | 918508 | 20.0 |
| Hexadecane, 2,6,1... | 23.10 | 3.8 | ng | 173515 | 5 | 21.64 | 918508 | 20.0 |
| Perylene | 24.52 | 2.9 | ng | 140665 | 6 | 24.82 | 968100 | 20.0 |
| 2-Trifluoromethyl... | 25.16 | 247.3 | ng | 11971400 | 6 | 24.82 | 968100 | 20.0 |