LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022272.D
Acq On : 9 Jun 2016 17:48
Operator : UM/SJ
Sample : H3399-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SS-33

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 | 2.984 | 19 | 25 | 45 | rVB | 1200913 | 2020169 | 100.00% | 10.554% |
| 2 | 5.188 | 392 | 400 | 409 | rBV2 | 38325 | 73801 | 3.65% | 0.386% |
| 3 | 5.669 | 474 | 482 | 499 | rBV | 396064 | 752707 | 37.26% | 3.932% |
| 4 | 7.279 | 747 | 756 | 771 | rBV | 433963 | 863555 | 42.75% | 4.512% |
| 5 | 7.649 | 808 | 819 | 835 | rBV | 489592 | 939274 | 46.49% | 4.907% |
| 6 | 8.119 | 892 | 899 | 909 | rVB | 128280 | 245413 | 12.15% | 1.282% |
| 7 | 8.443 | 946 | 954 | 968 | rBV | 377422 | 735111 | 36.39% | 3.840% |
| 8 | 9.289 | 1091 | 1098 | 1109 | rBV | 254100 | 529205 | 26.20% | 2.765% |
| 9 | 10.940 | 1369 | 1379 | 1386 | rBV | 209905 | 430005 | 21.29% | 2.247% |
| 10 | 13.372 | 1783 | 1793 | 1803 | rBV | 861158 | 1490777 | 73.79% | 7.788% |
| 11 | 14.065 | 1902 | 1911 | 1918 | rBV4 | 9976 | 21939 | 1.09% | 0.115% |
| 12 | 14.195 | 1924 | 1933 | 1938 | rBV | 72242 | 121377 | 6.01% | 0.634% |
| 13 | 14.753 | 2018 | 2028 | 2034 | rBV2 | 313956 | 567663 | 28.10% | 2.966% |
| 14 | 14.812 | 2034 | 2038 | 2045 | rVB | 51770 | 87707 | 4.34% | 0.458% |
| 15 | 15.147 | 2086 | 2095 | 2103 | rBV2 | 26033 | 48885 | 2.42% | 0.255% |
| 16 | 15.793 | 2198 | 2205 | 2213 | rBV2 | 42851 | 80852 | 4.00% | 0.422% |
| 17 | 16.081 | 2251 | 2254 | 2264 | rVB | 11662 | 23089 | 1.14% | 0.121% |
| 18 | 16.239 | 2274 | 2281 | 2288 | rBV | 510282 | 853857 | 42.27% | 4.461% |
| 19 | 16.421 | 2308 | 2312 | 2315 | rBV3 | 16195 | 25966 | 1.29% | 0.136% |
| 20 | 17.144 | 2431 | 2435 | 2442 | rVB3 | 21490 | 38749 | 1.92% | 0.202% |
| 21 | 17.215 | 2443 | 2447 | 2453 | rBV5 | 27286 | 47727 | 2.36% | 0.249% |
| 22 | 17.315 | 2459 | 2464 | 2470 | rVB2 | 27519 | 50382 | 2.49% | 0.263% |
| 23 | 17.497 | 2488 | 2495 | 2498 | rBV | 326832 | 575639 | 28.49% | 3.007% |
| 24 | 17.538 | 2498 | 2502 | 2509 | rVV | 514813 | 846636 | 41.91% | 4.423% |
| 25 | 17.626 | 2512 | 2517 | 2523 | rVB | 102033 | 168459 | 8.34% | 0.880% |
| 26 | 17.896 | 2556 | 2563 | 2569 | rBV2 | 43007 | 95047 | 4.70% | 0.497% |
| 27 | 17.955 | 2571 | 2573 | 2577 | rVB2 | 18715 | 22054 | 1.09% | 0.115% |
| 28 | 18.002 | 2578 | 2581 | 2588 | rVV4 | 12268 | 20236 | 1.00% | 0.106% |
| 29 | 18.078 | 2589 | 2594 | 2601 | rVB6 | 12589 | 28678 | 1.42% | 0.150% |
| 30 | 18.302 | 2627 | 2632 | 2635 | rBV4 | 10770 | 21196 | 1.05% | 0.111% |
| 31 | 18.366 | 2638 | 2643 | 2647 | rVV | 62123 | 100901 | 4.99% | 0.527% |
| 32 | 18.419 | 2647 | 2652 | 2658 | rVB2 | 76784 | 134509 | 6.66% | 0.703% |
| 33 | 18.496 | 2661 | 2665 | 2670 | rVB2 | 29048 | 45351 | 2.24% | 0.237% |
| 34 | 18.566 | 2670 | 2677 | 2687 | rBV3 | 97748 | 264934 | 13.11% | 1.384% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022272.D
Acq On : 9 Jun 2016 17:48
Operator : UM/SJ
Sample : H3399-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SS-33

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 | 18.860 | 2722 | 2727 | 2731 | rBV2 | 44914 | 69341 | 3.43% | 0.362% |
| 36 | 18.907 | 2731 | 2735 | 2742 | rVB3 | 40724 | 65394 | 3.24% | 0.342% |
| 37 | 19.271 | 2793 | 2797 | 2803 | rBV2 | 35804 | 70339 | 3.48% | 0.367% |
| 38 | 19.418 | 2818 | 2822 | 2830 | rVB3 | 32286 | 59192 | 2.93% | 0.309% |
| 39 | 19.541 | 2836 | 2843 | 2849 | rBV | 743351 | 1165275 | 57.68% | 6.088% |
| 40 | 19.870 | 2894 | 2899 | 2900 | rBV2 | 104823 | 145069 | 7.18% | 0.758% |
| 41 | 19.900 | 2900 | 2904 | 2912 | rVV | 631774 | 1000959 | 49.55% | 5.229% |
| 42 | 19.964 | 2912 | 2915 | 2922 | rVB2 | 30717 | 44477 | 2.20% | 0.232% |
| 43 | 20.088 | 2930 | 2936 | 2942 | rBV | 1064734 | 1509340 | 74.71% | 7.885% |
| 44 | 20.487 | 3001 | 3004 | 3008 | rBV2 | 45714 | 51674 | 2.56% | 0.270% |
| 45 | 21.157 | 3114 | 3118 | 3124 | rVB | 44046 | 78112 | 3.87% | 0.408% |
| 46 | 21.380 | 3153 | 3156 | 3161 | rVB3 | 66407 | 103852 | 5.14% | 0.543% |
| 47 | 21.762 | 3214 | 3221 | 3227 | rBV2 | 405498 | 1079437 | 53.43% | 5.639% |
| 48 | 21.821 | 3227 | 3231 | 3241 | rVB | 232682 | 462253 | 22.88% | 2.415% |
| 49 | 24.065 | 3601 | 3613 | 3626 | rVB3 | 191986 | 864539 | 42.80% | 4.517% |

Sum of corrected areas: 19141103

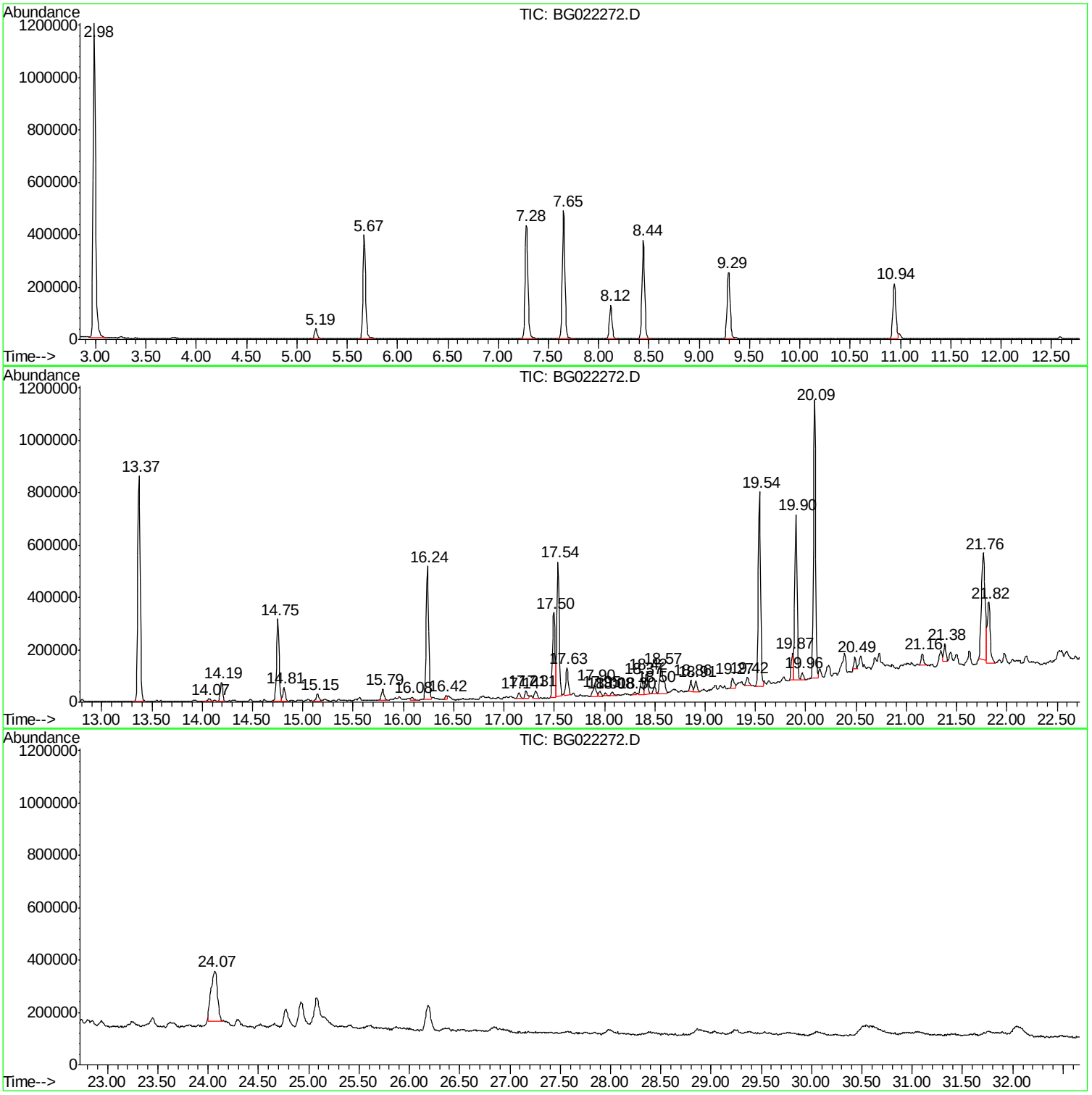
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022272.D
Acq On : 9 Jun 2016 17:48
Operator : UM/SJ
Sample : H3399-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SS-33

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\BG060916\
Data File : BG022272.D
Acq On : 9 Jun 2016 17:48
Operator : UM/SJ
Sample : H3399-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SS-33

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

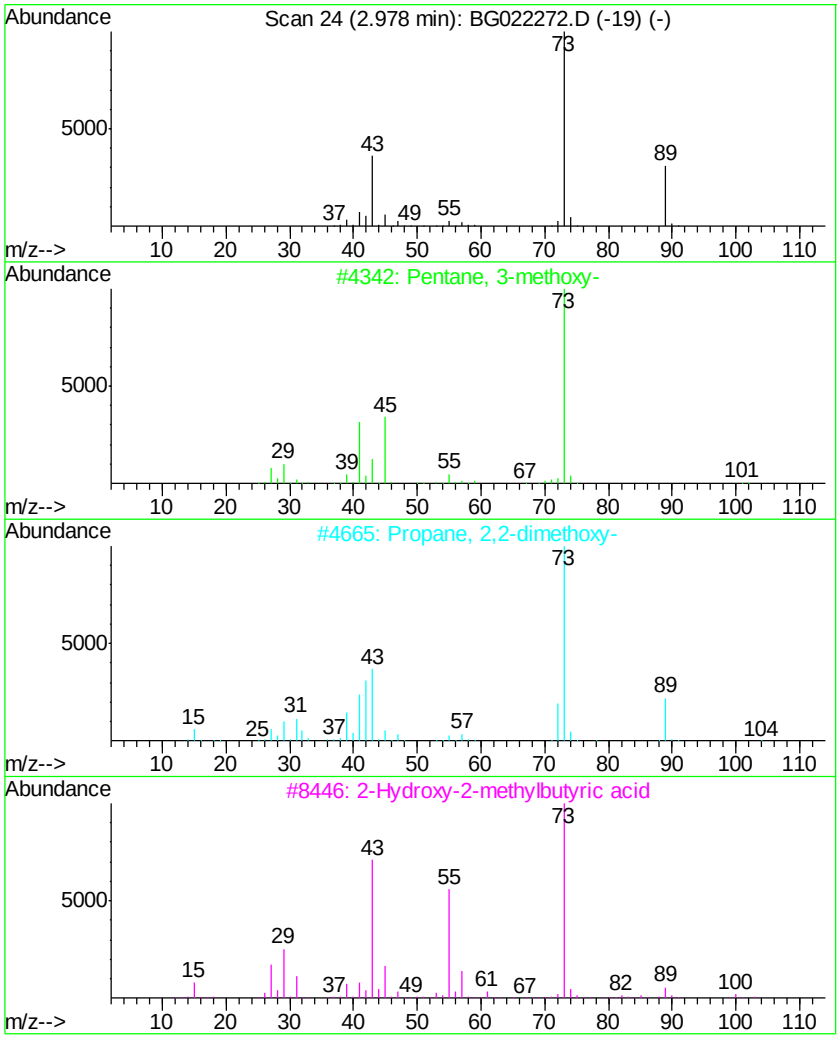
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

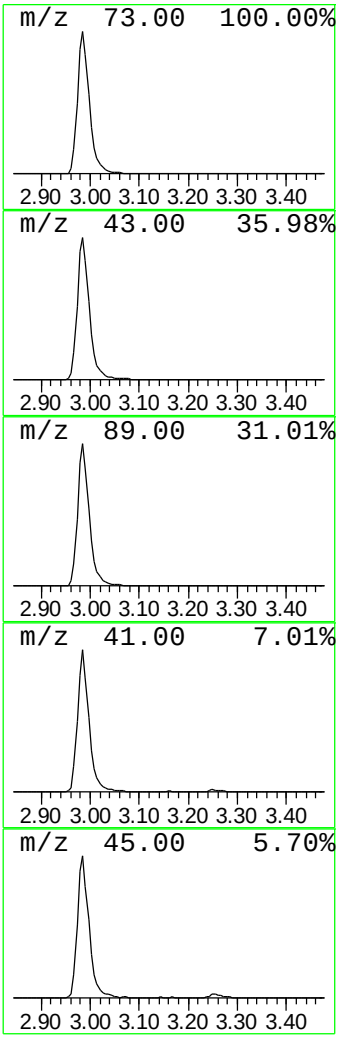
**********

Peak Number 1 unknown2.98 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.98 | 164.63 ng | 2020170 | 1,4-Dichlorobenzene-d4 | 8.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 23 |
| 2 | Propane, 2,2-dimethoxy- | 104 | C5H12O2 | 000077-76-9 | 9 |
| 3 | 2-Hydroxy-2-methylbutyric acid | 118 | C5H10O3 | 003739-30-8 | 9 |
| 4 | Methane, isothiocyanato- | 73 | C2H3NS | 000556-61-6 | 7 |
| 5 | N-Ethylformamide | 73 | C3H7NO | 000627-45-2 | 7 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022272.D
Acq On : 9 Jun 2016 17:48
Operator : UM/SJ
Sample : H3399-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SS-33

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

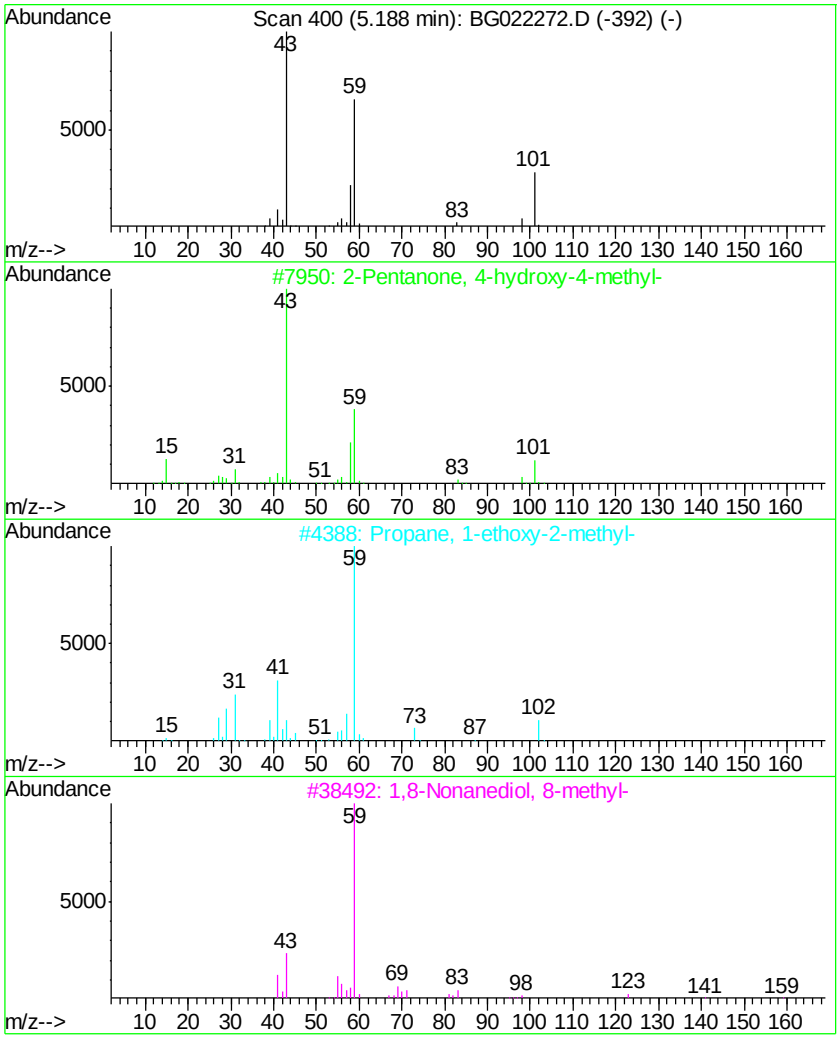
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

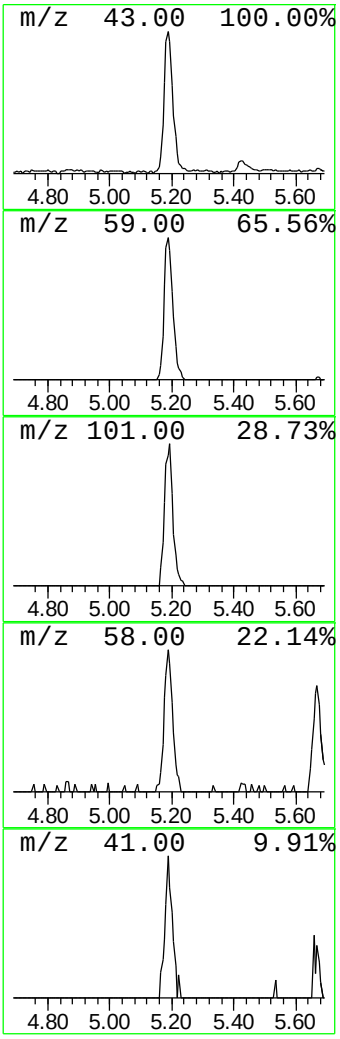
**********

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.19 | 6.01 ng | 73801 | 1,4-Dichlorobenzene-d4 | 8.12 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 42 |
| 2 | Propane, 1-ethoxy-2-methyl- | 102 | C6H14O | 000627-02-1 | 35 |
| 3 | 1,8-Nonanediol, 8-methyl- | 174 | C10H22O2 | 054725-73-4 | 17 |
| 4 | 3-Hydroxy-3-methyl-2-butanone | 102 | C5H10O2 | 000115-22-0 | 12 |
| 5 | Butane, 1-ethoxy- | 102 | C6H14O | 000628-81-9 | 9 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022272.D
Acq On : 9 Jun 2016 17:48
Operator : UM/SJ
Sample : H3399-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SS-33

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

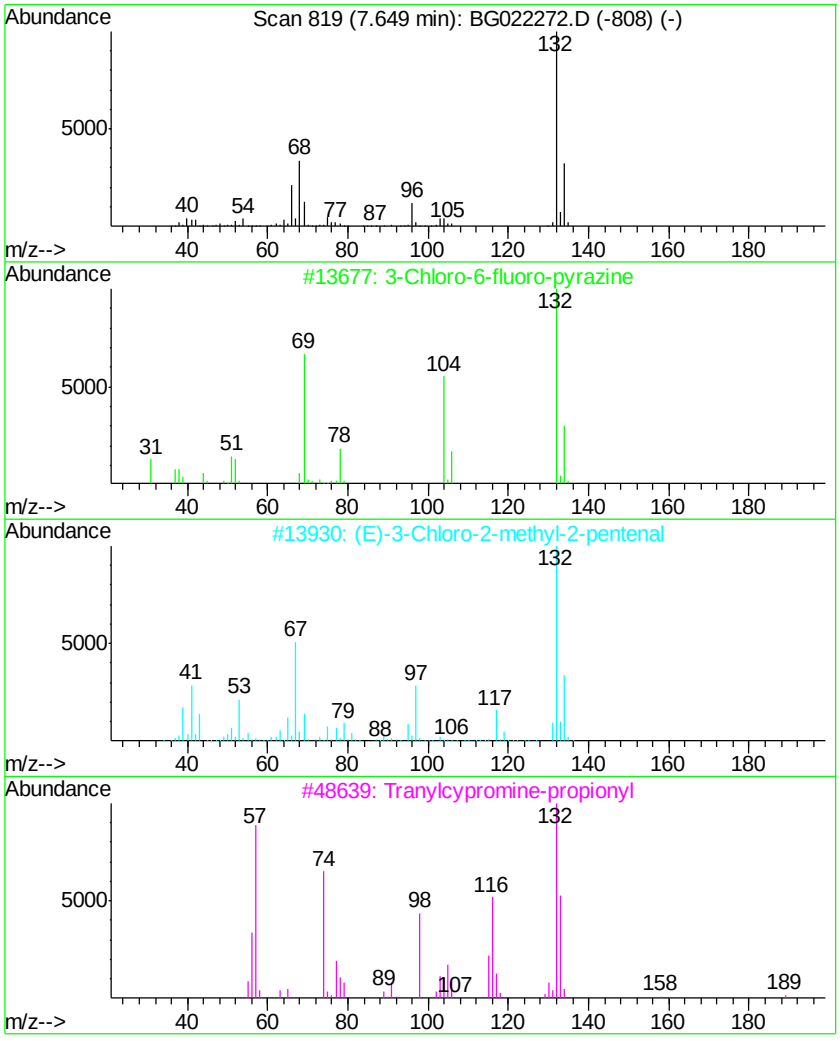
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

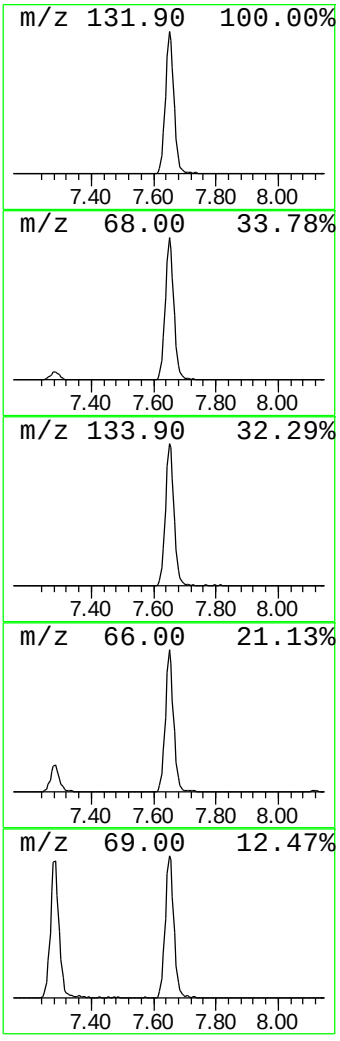
**********

Peak Number 3 unknown7.65 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.65 | 76.55 ng | 939274 | 1,4-Dichlorobenzene-d4 | 8.12 |

| 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 | 35 |
| 3 | Tranylcypromine-propionyl | 189 | C12H15NO | 1000123-86-3 | 12 |
| 4 | Amphetaminil | 250 | C17H18N2 | 017590-01-1 | 12 |
| 5 | Benzene, 1,3,5-trifluoro- | 132 | C6H3F3 | 000372-38-3 | 9 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022272.D
Acq On : 9 Jun 2016 17:48
Operator : UM/SJ
Sample : H3399-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SS-33

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

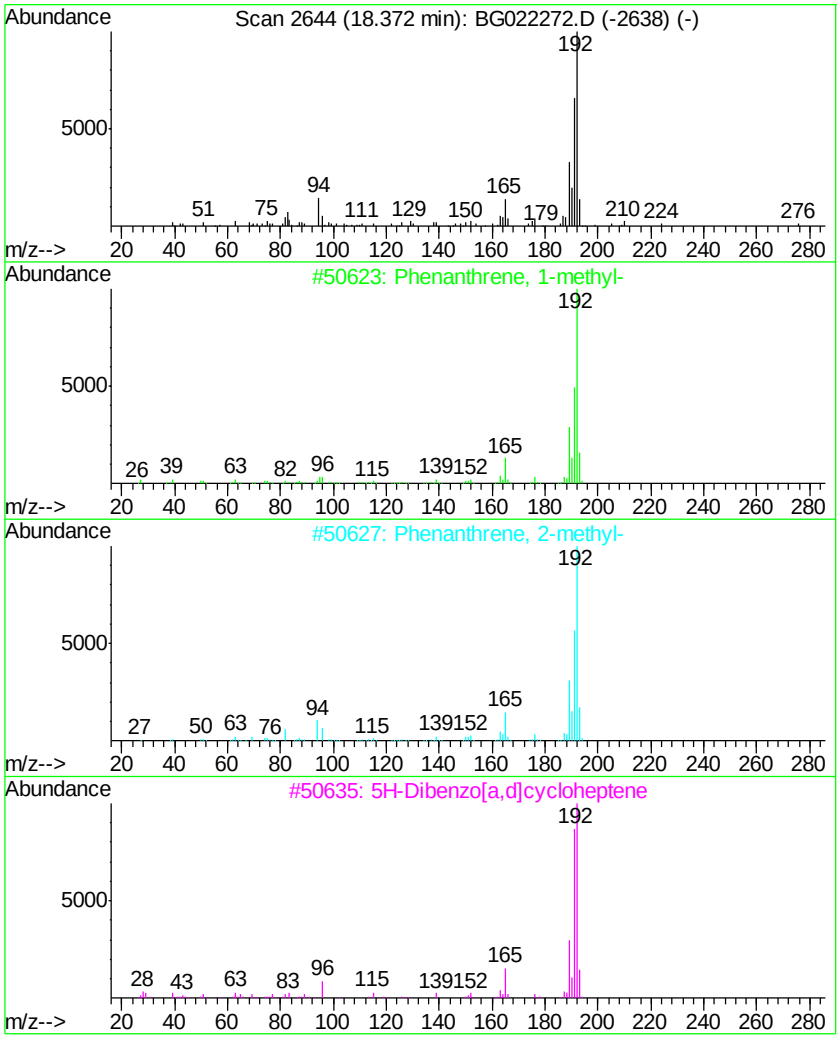
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

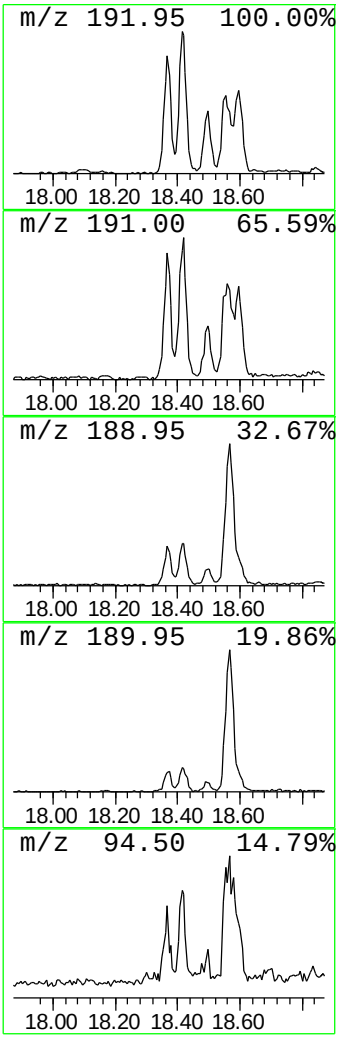
**********

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.37 | 3.51 ng | 100901 | Phenanthrene-d10 | 17.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 93 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 91 |
| 3 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 90 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 90 |
| 5 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 89 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022272.D
Acq On : 9 Jun 2016 17:48
Operator : UM/SJ
Sample : H3399-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SS-33

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

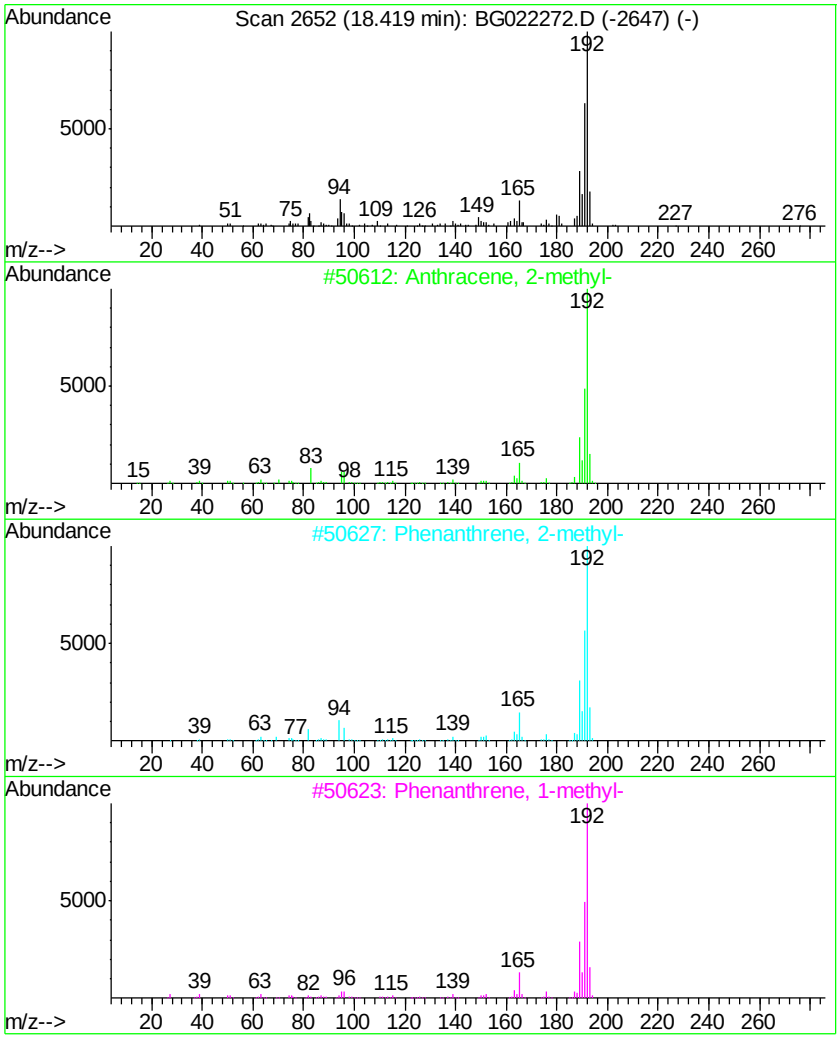
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

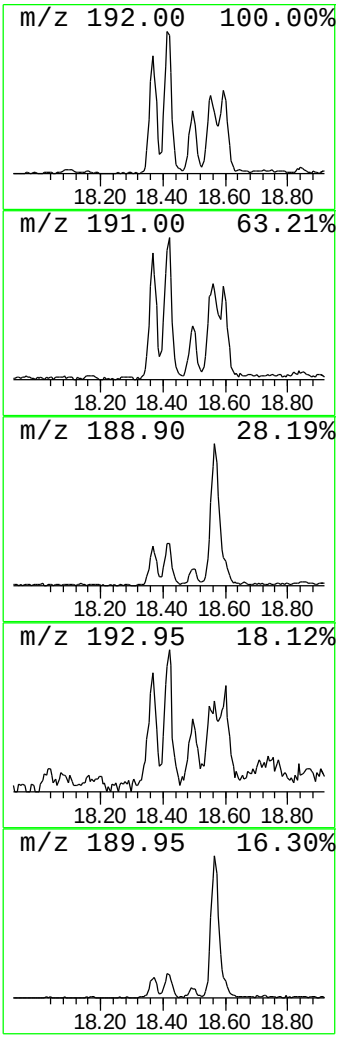
**********

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.42 | 4.67 ng | 134509 | Phenanthrene-d10 | 17.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 97 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 97 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |
| 4 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 94 |
| 5 | Anthracene, 1-methyl- | 192 | C15H12 | 000610-48-0 | 93 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022272.D
Acq On : 9 Jun 2016 17:48
Operator : UM/SJ
Sample : H3399-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SS-33

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

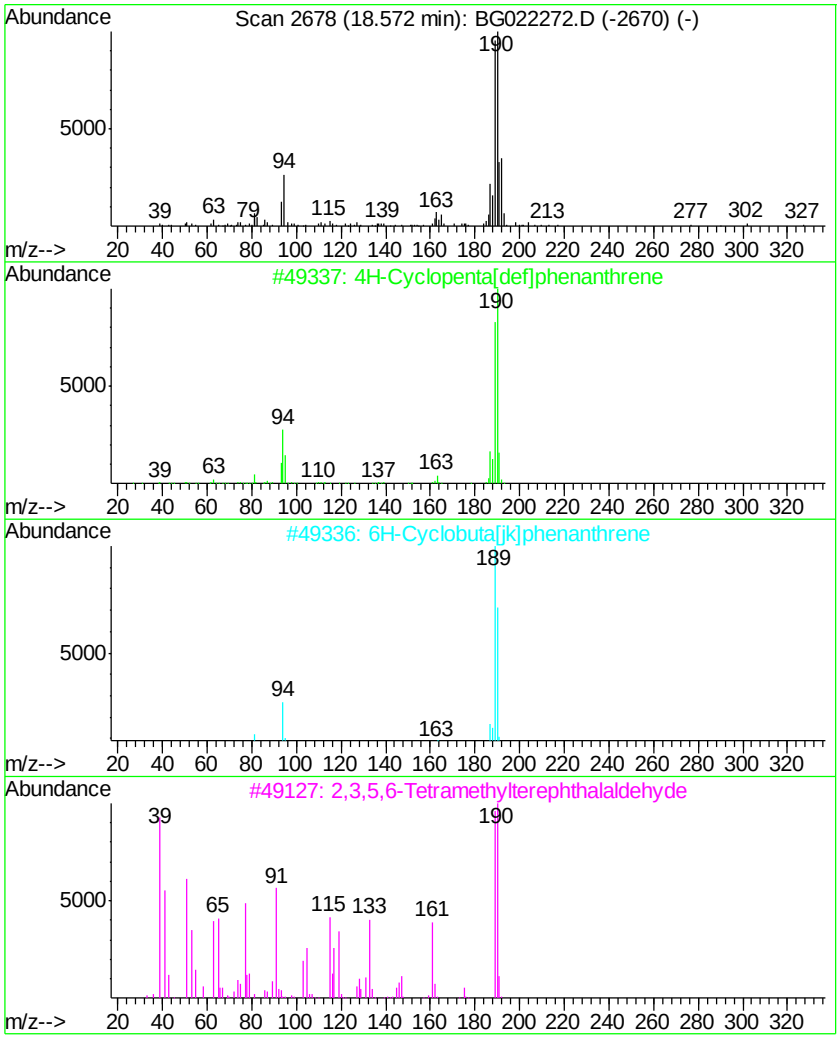
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

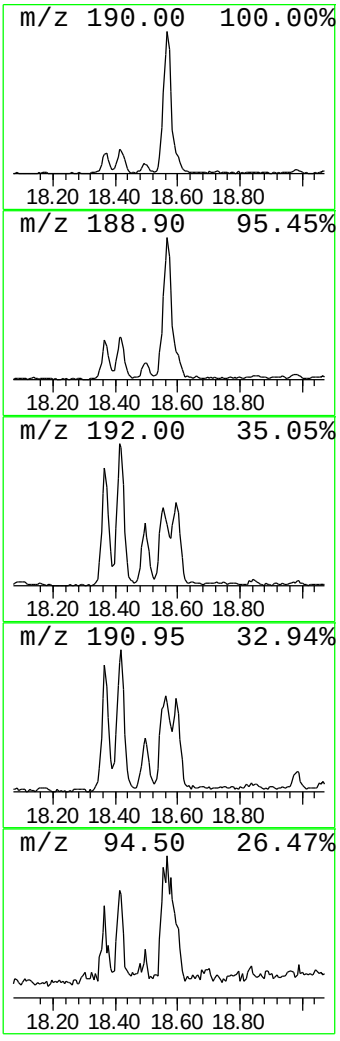
**********

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.57 | 9.20 ng | 264934 | Phenanthrene-d10 | 17.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4H-Cyclopenta[def]phenanthrene | 190 | C15H10 | 000203-64-5 | 94 |
| 2 | 6H-Cyclobuta[jk]phenanthrene | 190 | C15H10 | 083469-43-6 | 59 |
| 3 | 2,3,5,6-Tetramethylterephthalald... | 190 | C12H14O2 | 007072-01-7 | 47 |
| 4 | 2,2'-Bis(4,5-dimethylimidazole) | 190 | C10H14N4 | 069286-06-2 | 42 |
| 5 | Hydrazinecarboxaldehyde, 2-[3-(m... | 190 | C4H6N4OS2 | 038362-25-3 | 14 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022272.D
Acq On : 9 Jun 2016 17:48
Operator : UM/SJ
Sample : H3399-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SS-33

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

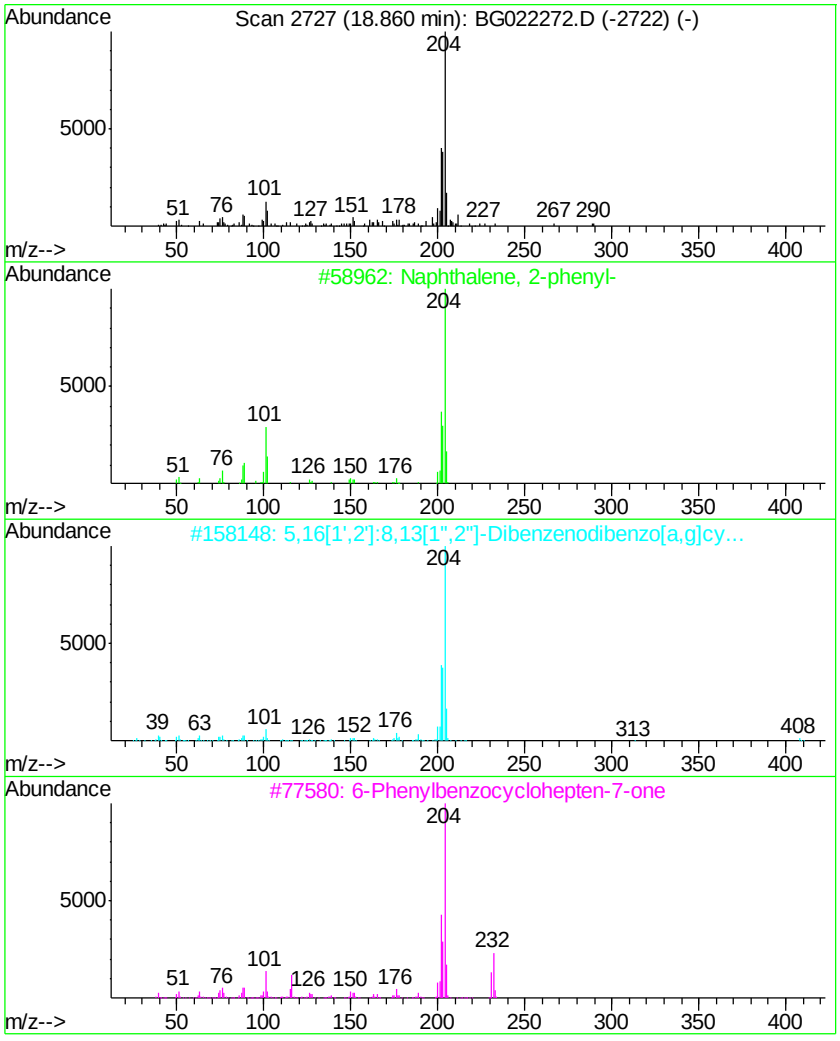
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

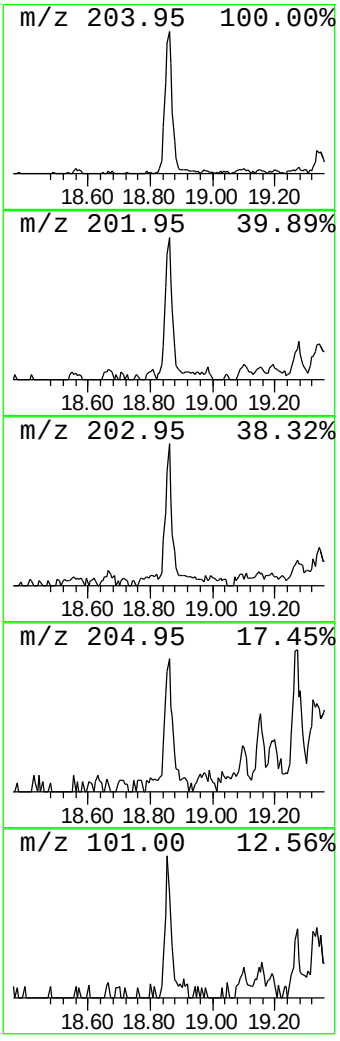
**********

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.86 | 2.41 ng | 69341 | Phenanthrene-d10 | 17.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 86 |
| 2 | 5,16[1',2']:8,13[1'',2'']-Dibenz... | 408 | C32H24 | 005672-97-9 | 78 |
| 3 | 6-Phenylbenzocyclohepten-7-one | 232 | C17H12O | 093327-56-1 | 64 |
| 4 | 9,10-Bis(bromomethyl)anthracene | 362 | C16H12Br2 | 034373-96-1 | 64 |
| 5 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 58 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022272.D
Acq On : 9 Jun 2016 17:48
Operator : UM/SJ
Sample : H3399-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SS-33

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

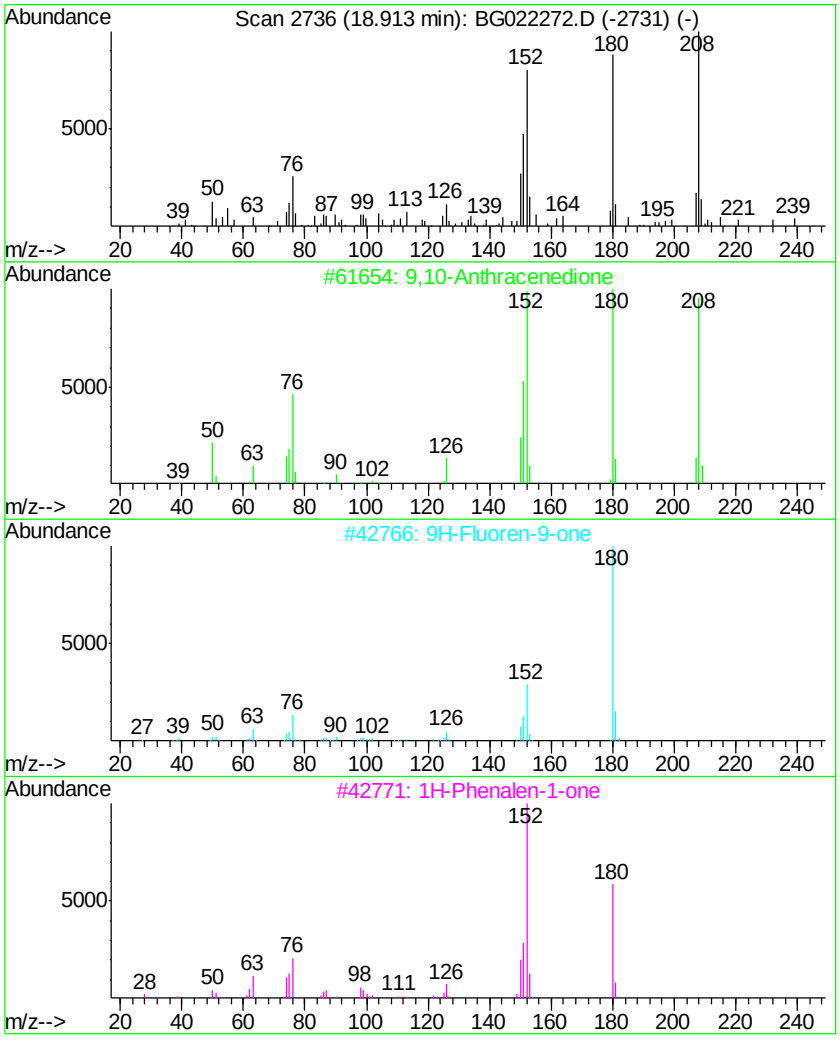
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

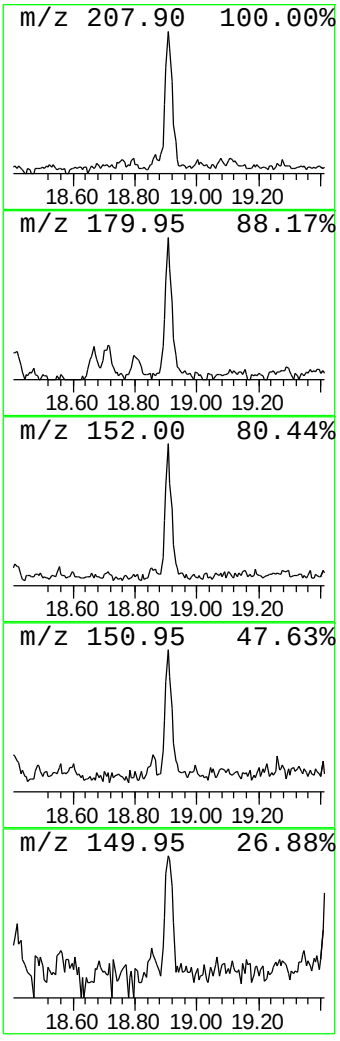
**********

Peak Number 9 9,10-Anthracenedione Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.91 | 2.27 ng | 65394 | Phenanthrene-d10 | 17.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 94 |
| 2 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 91 |
| 3 | 1H-Phenalen-1-one | 180 | C13H8O | 000548-39-0 | 64 |
| 4 | Benzo[h]cinnoline | 180 | C12H8N2 | 000230-31-9 | 64 |
| 5 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 62 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022272.D
Acq On : 9 Jun 2016 17:48
Operator : UM/SJ
Sample : H3399-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SS-33

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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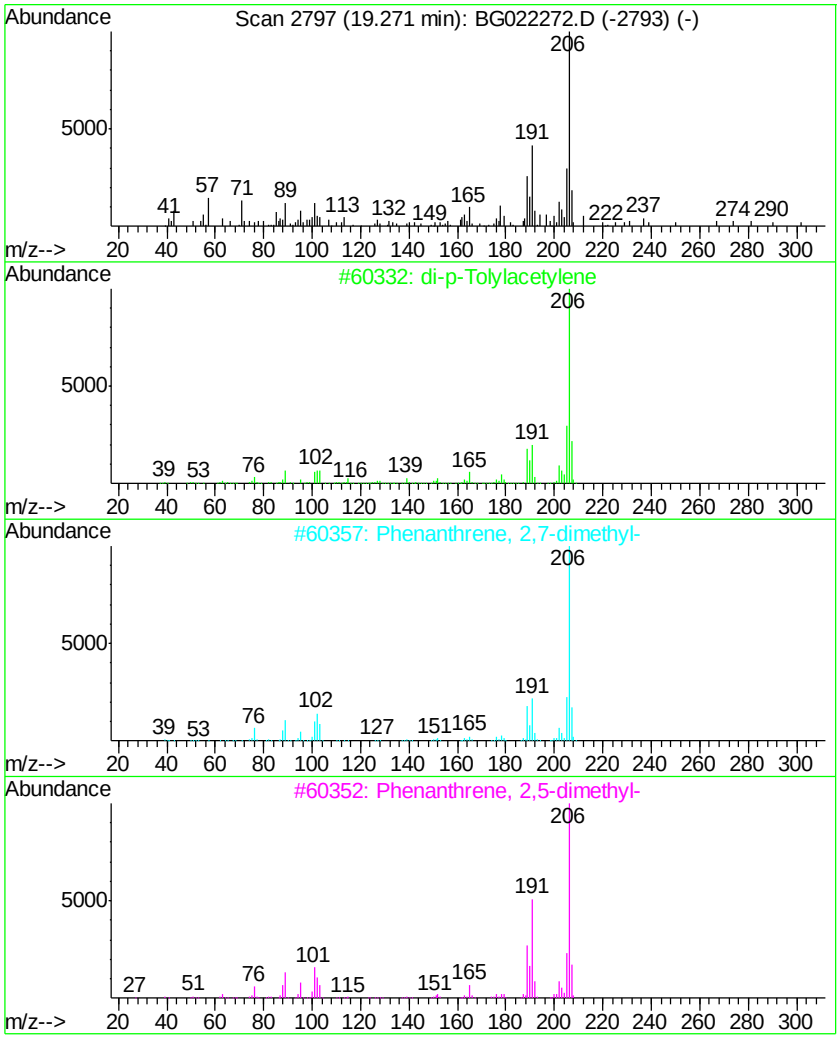
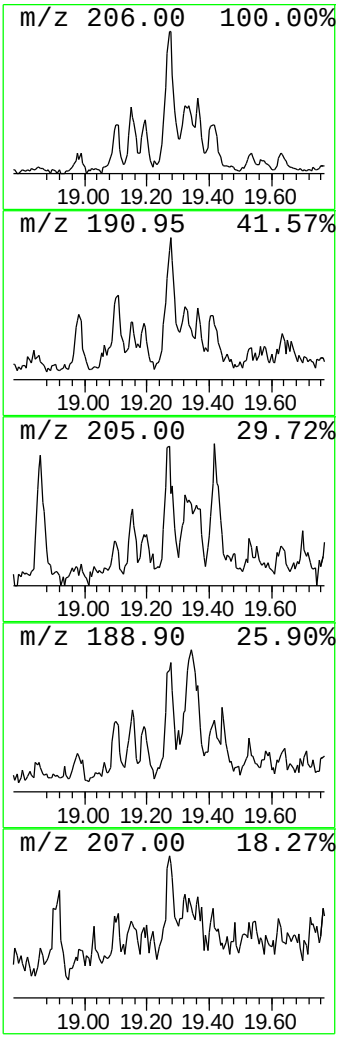
Peak Number 10 di-p-Tolylacetylene Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.27 | 2.44 ng | 70339 | Phenanthrene-d10 | 17.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | di-p-Tolylacetylene | 206 | C16H14 | 002789-88-0 | 93 |
| 2 | Phenanthrene, 2,7-dimethyl- | 206 | C16H14 | 001576-69-8 | 91 |
| 3 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 91 |
| 4 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 91 |
| 5 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 91 |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG060916\
Data File : BG022272.D
Acq On : 9 Jun 2016 17:48
Operator : UM/SJ
Sample : H3399-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SS-33

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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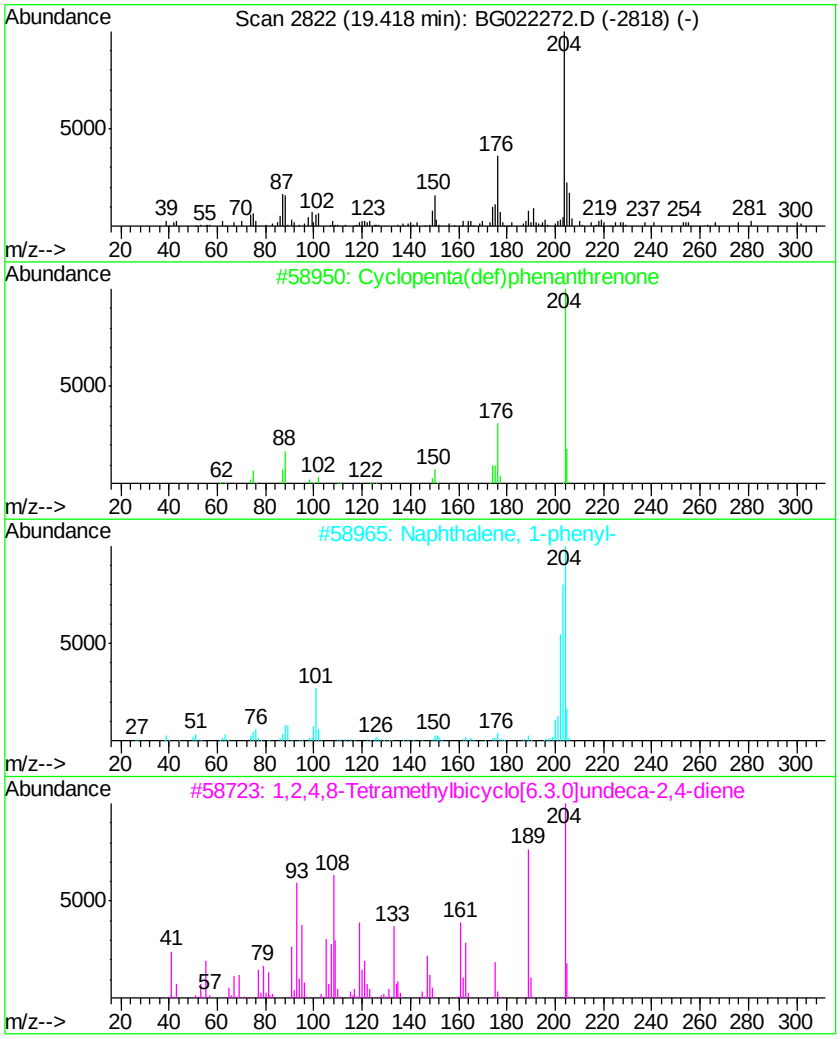
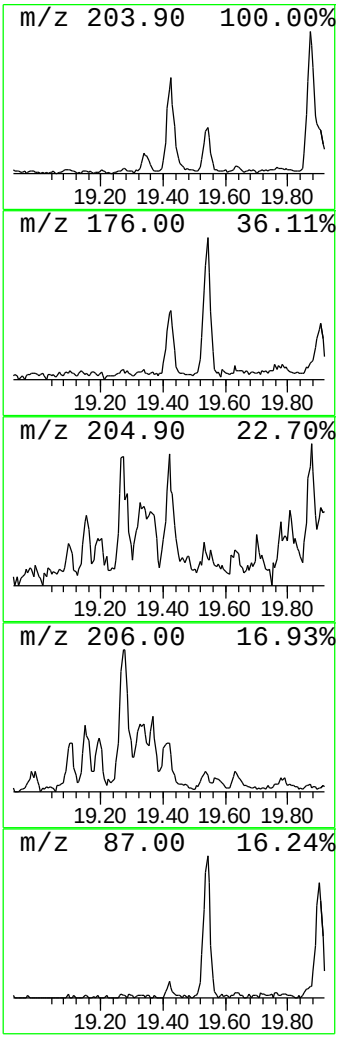
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.42 | 2.06 ng | 59192 | Phenanthrene-d10 | 17.50 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopenta(def)phenanthrenone | 204 | C15H8O | 005737-13-3 | 87 |
| 2 | Naphthalene, 1-phenyl- | 204 | C16H12 | 000605-02-7 | 50 |
| 3 | 1,2,4,8-Tetramethylbicyclo[6.3.0... | 204 | C15H24 | 137235-51-9 | 49 |
| 4 | .alpha.-l-Mannopyranoside, methy... | 394 | C16H38O5Si3 | 056271-60-4 | 47 |
| 5 | [1,1'-Biphenyl]-2,2'-dicarbonitrile | 204 | C14H8N2 | 004341-02-0 | 47 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060916\
Data File : BG022272.D
Acq On : 9 Jun 2016 17:48
Operator : UM/SJ
Sample : H3399-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** SS-33

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 |
| unknown2.98 | 2.98 | 164.6 | ng | 2020170 | 1 | 8.12 | 245413 | 20.0 |
| 2-Pentanone, 4-hy... | 5.19 | 6.0 | ng | 73801 | 1 | 8.12 | 245413 | 20.0 |
| unknown7.65 | 7.65 | 76.5 | ng | 939274 | 1 | 8.12 | 245413 | 20.0 |
| Phenanthrene, 1-m... | 18.37 | 3.5 | ng | 100901 | 4 | 17.50 | 575639 | 20.0 |
| Anthracene, 2-met... | 18.42 | 4.7 | ng | 134509 | 4 | 17.50 | 575639 | 20.0 |
| 4H-Cyclopenta[def... | 18.57 | 9.2 | ng | 264934 | 4 | 17.50 | 575639 | 20.0 |
| Naphthalene, 2-ph... | 18.86 | 2.4 | ng | 69341 | 4 | 17.50 | 575639 | 20.0 |
| 9,10-Anthracenedione | 18.91 | 2.3 | ng | 65394 | 4 | 17.50 | 575639 | 20.0 |
| di-p-Tolylacetylene | 19.27 | 2.4 | ng | 70339 | 4 | 17.50 | 575639 | 20.0 |
| Cyclopenta(def)ph... | 19.42 | 2.1 | ng | 59192 | 4 | 17.50 | 575639 | 20.0 |