LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
Data File : BG061213.D
Acq On : 15 May 2024 19:46
Operator : MA/JU
Sample : P2470-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
WCS-TPG

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061213.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.076 | 8 | 15 | 22 | rBV5 | 10176 | 26569 | 1.66% | 0.308% |
| 2 | 3.152 | 22 | 28 | 45 | rVB | 319506 | 538844 | 33.68% | 6.240% |
| 3 | 3.675 | 112 | 117 | 123 | rBV | 14994 | 23311 | 1.46% | 0.270% |
| 4 | 5.526 | 425 | 432 | 442 | rBV | 408916 | 650981 | 40.69% | 7.539% |
| 5 | 7.107 | 694 | 701 | 716 | rBV | 421400 | 757397 | 47.34% | 8.771% |
| 6 | 7.929 | 835 | 841 | 848 | rBV | 119911 | 200274 | 12.52% | 2.319% |
| 7 | 9.087 | 1030 | 1038 | 1047 | rBV | 289700 | 501403 | 31.34% | 5.807% |
| 8 | 10.720 | 1308 | 1316 | 1324 | rBV | 152391 | 270063 | 16.88% | 3.128% |
| 9 | 13.176 | 1727 | 1734 | 1744 | rBV | 688166 | 1052624 | 65.79% | 12.190% |
| 10 | 14.557 | 1962 | 1969 | 1977 | rVB | 249116 | 370446 | 23.15% | 4.290% |
| 11 | 16.049 | 2216 | 2223 | 2240 | rBV | 606514 | 941202 | 58.83% | 10.900% |
| 12 | 17.306 | 2427 | 2437 | 2442 | rBV | 311516 | 447906 | 28.00% | 5.187% |
| 13 | 17.347 | 2442 | 2444 | 2449 | rVB | 14314 | 17300 | 1.08% | 0.200% |
| 14 | 18.205 | 2583 | 2590 | 2593 | rBV5 | 16801 | 25959 | 1.62% | 0.301% |
| 15 | 19.357 | 2781 | 2786 | 2791 | rBV | 32665 | 50644 | 3.17% | 0.586% |
| 16 | 19.721 | 2839 | 2848 | 2856 | rVB | 31691 | 75590 | 4.72% | 0.875% |
| 17 | 19.927 | 2876 | 2883 | 2888 | rBV | 1214651 | 1599917 | 100.00% | 18.528% |
| 18 | 21.225 | 3101 | 3104 | 3112 | rBV3 | 31798 | 61976 | 3.87% | 0.718% |
| 19 | 21.566 | 3155 | 3162 | 3168 | rBV | 304835 | 526643 | 32.92% | 6.099% |
| 20 | 24.692 | 3686 | 3694 | 3707 | rVB | 174694 | 495923 | 31.00% | 5.743% |

Sum of corrected areas: 8634972

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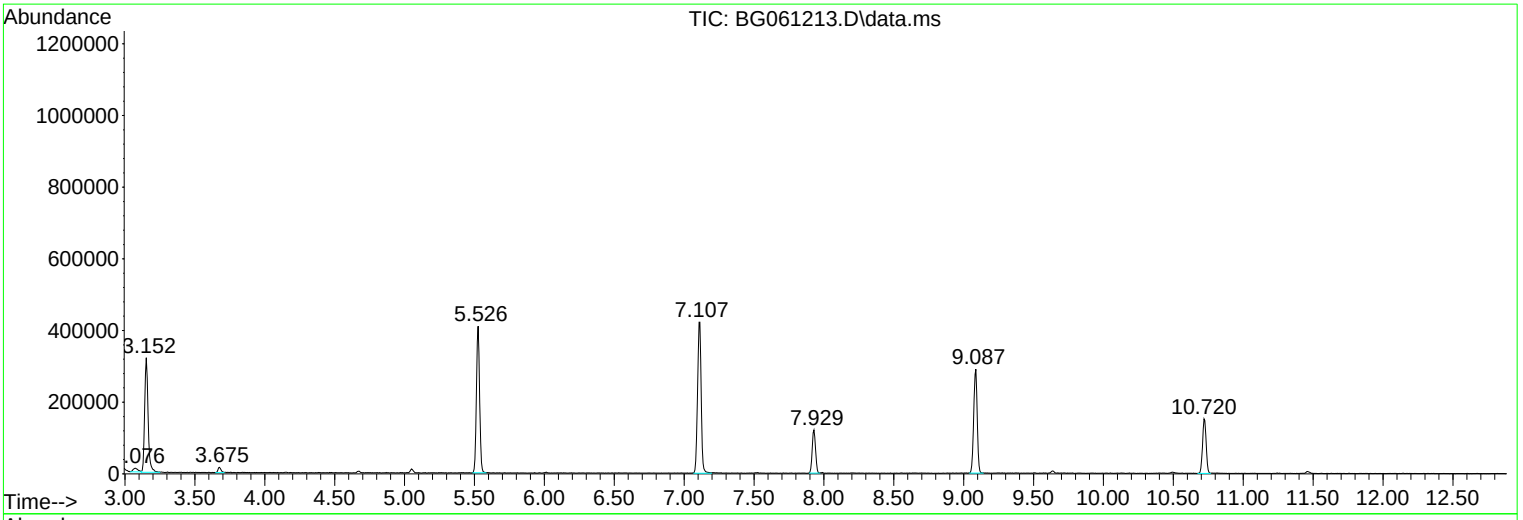
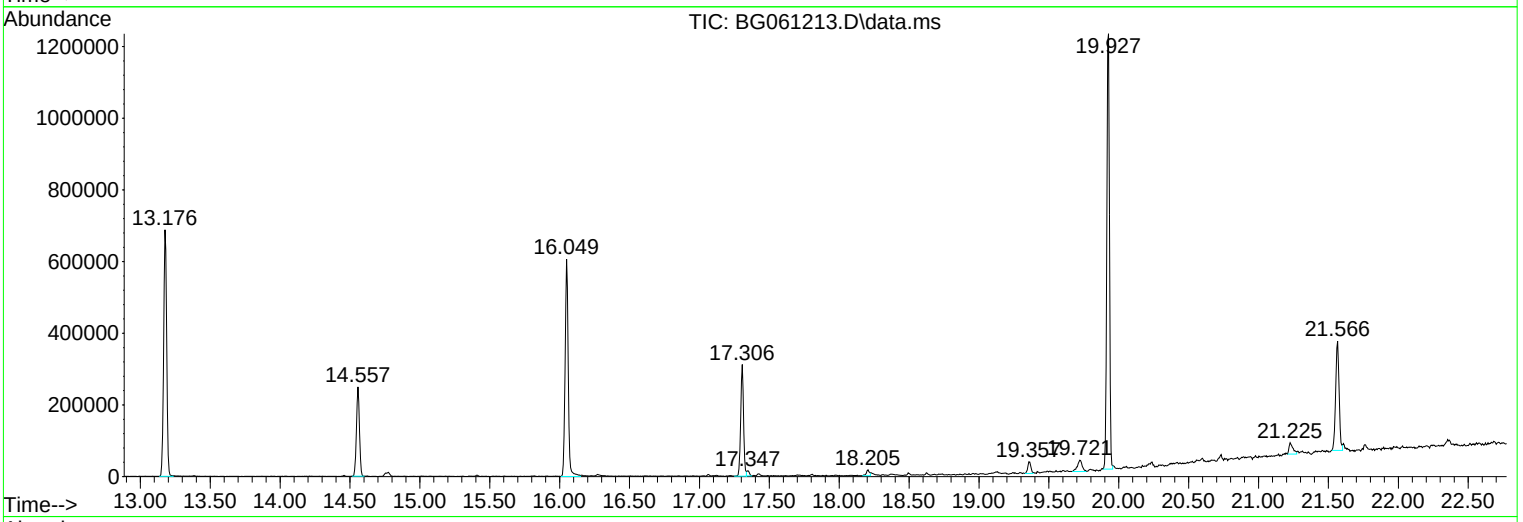
Misc :
ALS Vial : 16 Sample Multiplier: 1

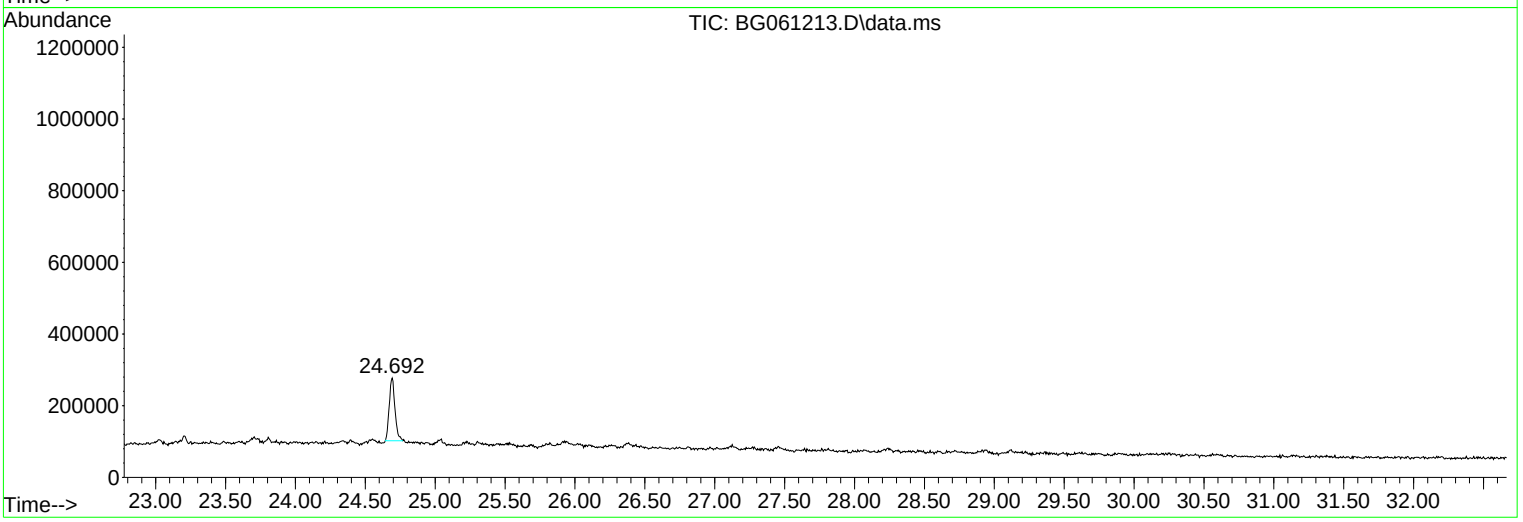
**Instrument :**
BNA_G
**ClientSampleId :**
WCS-TPG

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Data File : BG061213.D
Acq On : 15 May 2024 19:46
Operator : MA/JU
Sample : P2470-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
WCS-TPG

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

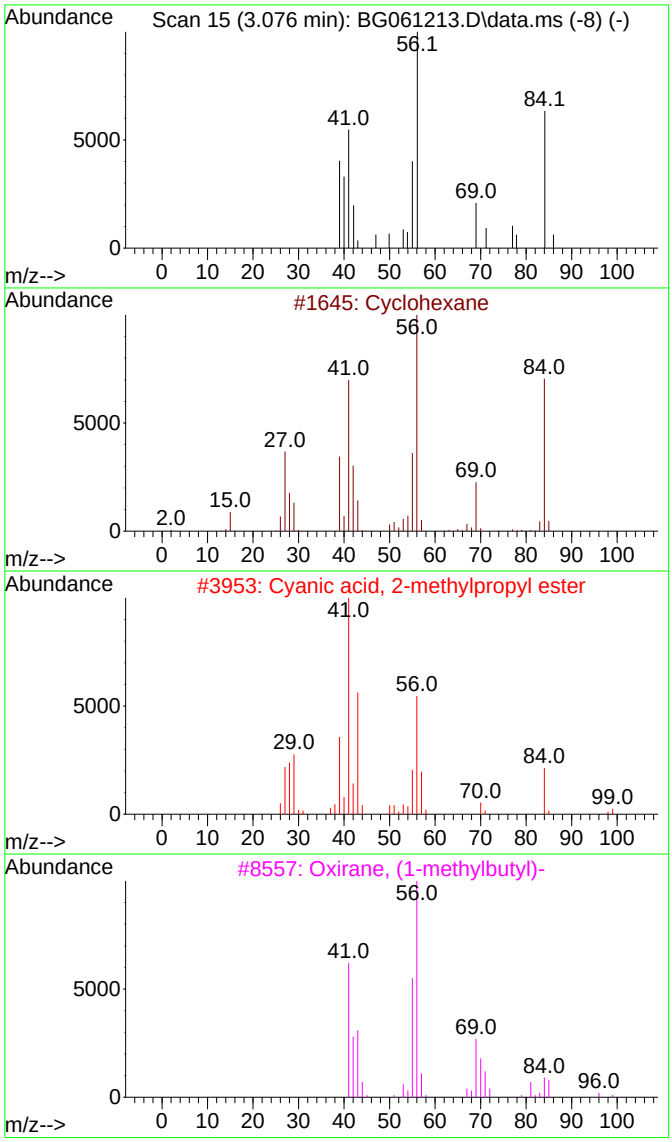
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

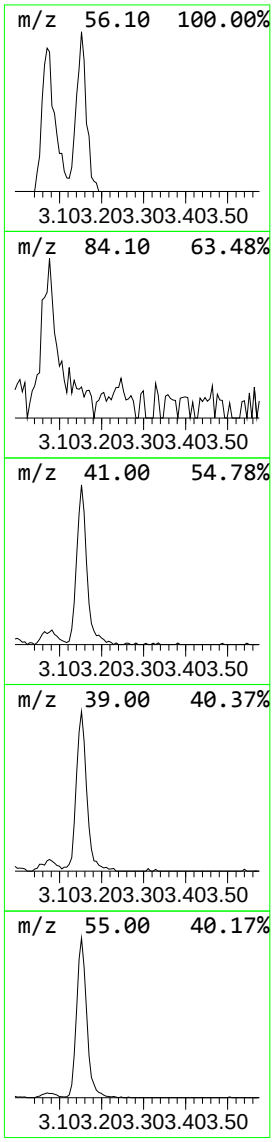
**********

Peak Number 1 Cyclohexane Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.076 | 2.65 ng | 26569 | 1,4-Dichlorobenzene-d4 | 7.929 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 52 |
| 2 | Cyanic acid, 2-methylpropyl ester | 99 | C5H9NO | 001768-25-8 | 47 |
| 3 | Oxirane, (1-methylbutyl)- | 114 | C7H14O | 053229-39-3 | 40 |
| 4 | Pentane, 2-cyclopropyl- | 112 | C8H16 | 005458-16-2 | 40 |
| 5 | 1-Hexene, 5-methyl- | 98 | C7H14 | 003524-73-0 | 38 |



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Data File : BG061213.D
Acq On : 15 May 2024 19:46
Operator : MA/JU
Sample : P2470-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
WCS-TPG

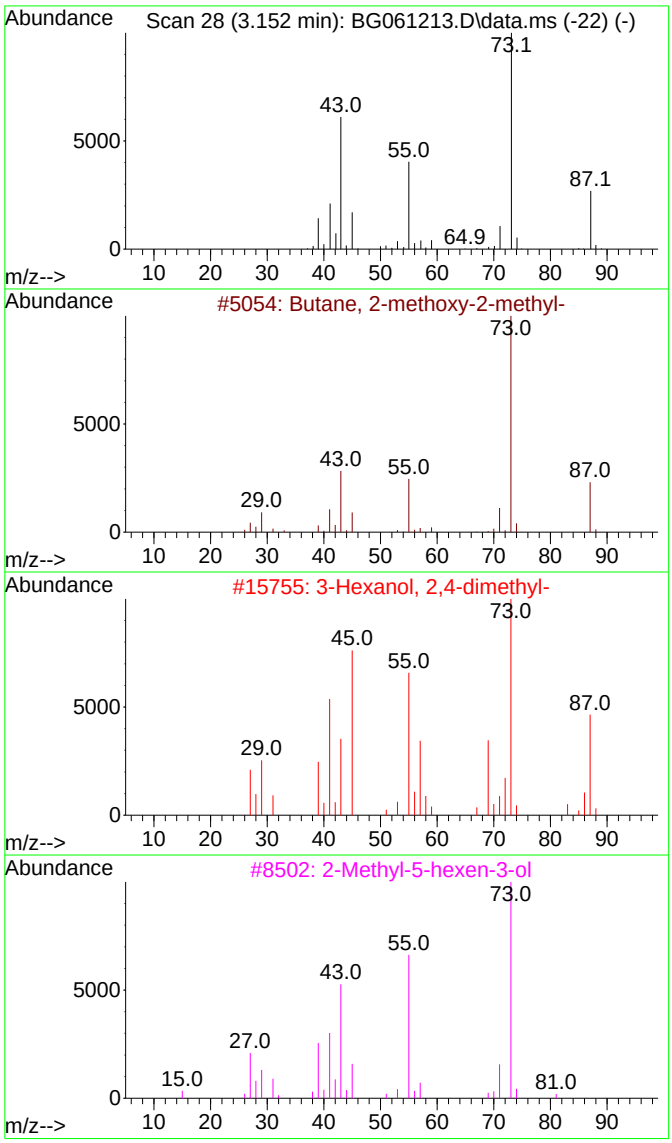
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

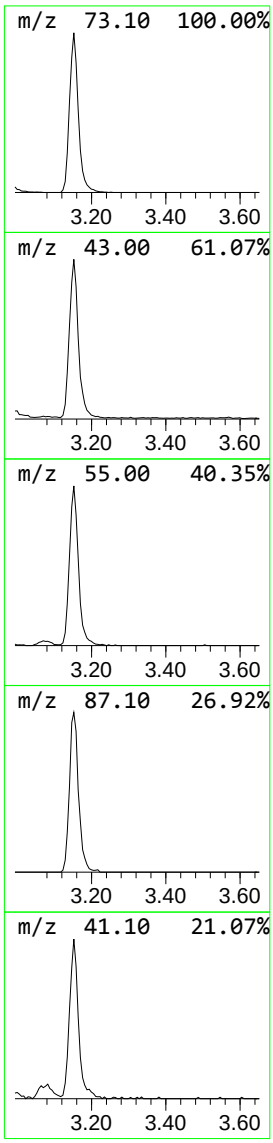
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.152 | 53.81 ng | 538844 | 1,4-Dichlorobenzene-d4 | 7.929 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 3-Hexanol, 2,4-dimethyl- | 130 | C8H18O | 013432-25-2 | 45 |
| 3 | 2-Methyl-5-hexen-3-ol | 114 | C7H14O | 032815-70-6 | 40 |
| 4 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 38 |
| 5 | 3-Pentanol, 3-methyl- | 102 | C6H14O | 000077-74-7 | 33 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
Data File : BG061213.D
Acq On : 15 May 2024 19:46
Operator : MA/JU
Sample : P2470-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
WCS-TPG

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

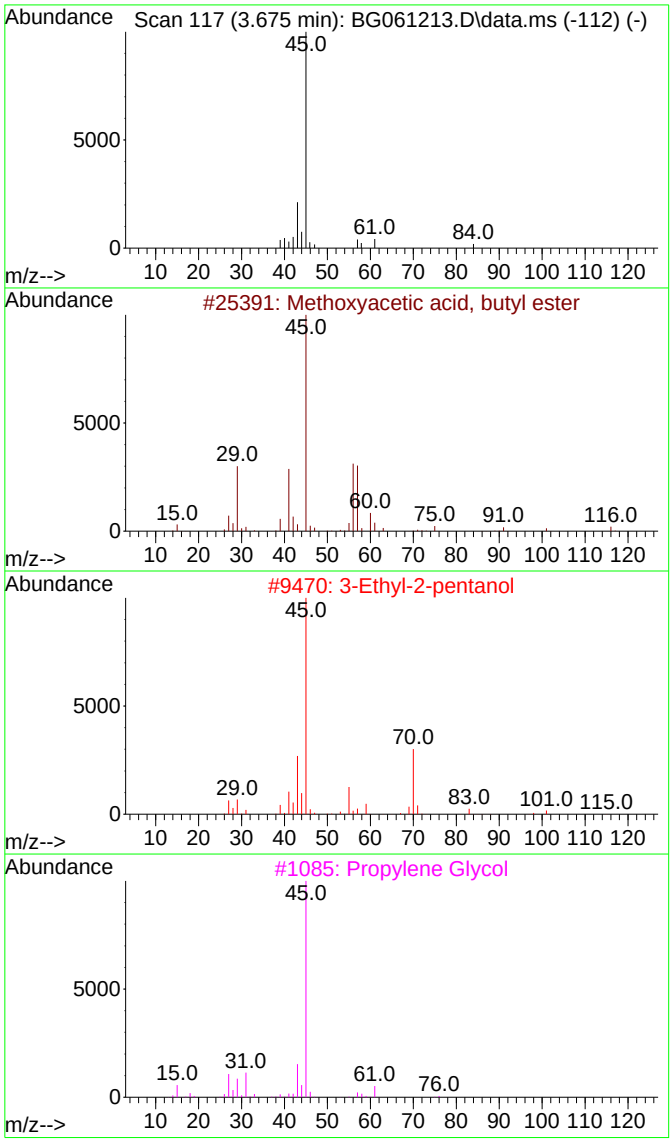
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

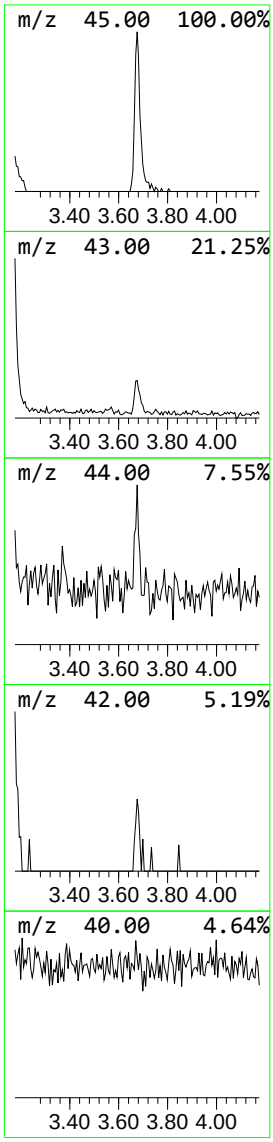
**********

Peak Number 3 unknown3.675 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.675 | 2.33 ng | 23311 | 1,4-Dichlorobenzene-d4 | 7.929 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methoxyacetic acid, butyl ester | 146 | C7H14O3 | 017640-22-1 | 9 |
| 2 | 3-Ethyl-2-pentanol | 116 | C7H16O | 000609-27-8 | 9 |
| 3 | Propylene Glycol | 76 | C3H8O2 | 000057-55-6 | 9 |
| 4 | Butanenitrile, 2-(methoxymethoxy) | 129 | C6H11NO2 | 1000196-86-5 | 9 |
| 5 | Ethanol, 2,2'-oxybis- | 106 | C4H10O3 | 000111-46-6 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
Data File : BG061213.D
Acq On : 15 May 2024 19:46
Operator : MA/JU
Sample : P2470-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
WCS-TPG

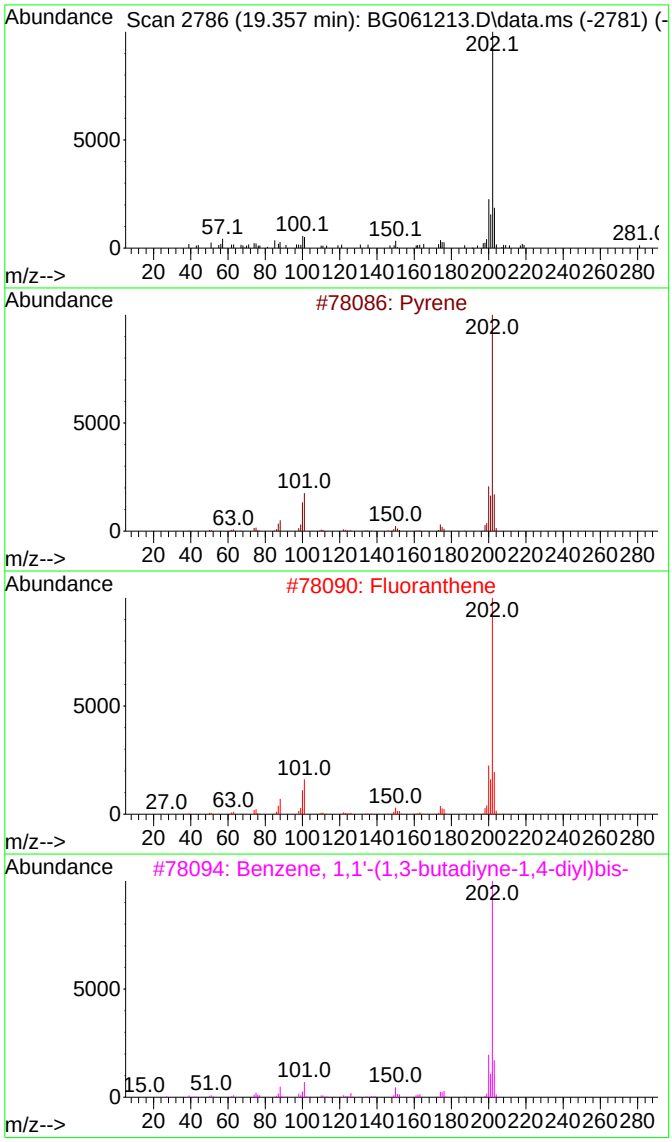
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

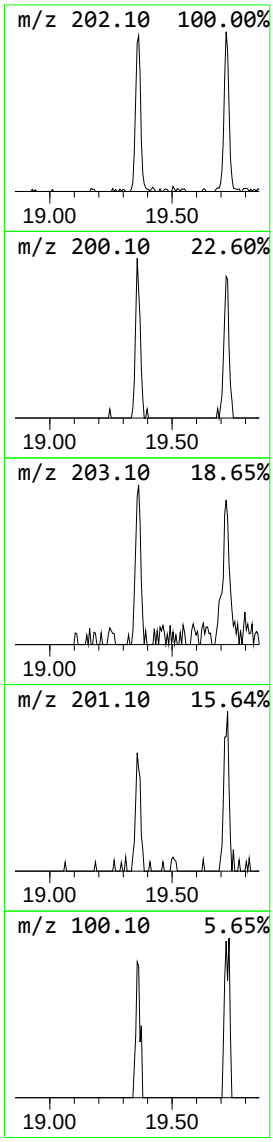
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.357 | 2.26 ng | 50644 | Phenanthrene-d10 | 17.306 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene | 202 | C16H10 | 000129-00-0 | 81 |
| 2 | Fluoranthene | 202 | C16H10 | 000206-44-0 | 81 |
| 3 | Benzene, 1,1'-(1,3-butadiyne-1,4... | 202 | C16H10 | 000886-66-8 | 76 |
| 4 | 7H-Furo[3,2-g][1]benzopyran-7-on... | 202 | C11H6O4 | 002009-24-7 | 50 |
| 5 | 2-pyrazinol, 3-bromo-5,6-dimethyl- | 202 | C6H7BrN2O | 1010396-05-3 | 40 |



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Data File : BG061213.D
Acq On : 15 May 2024 19:46
Operator : MA/JU
Sample : P2470-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
WCS-TPG

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

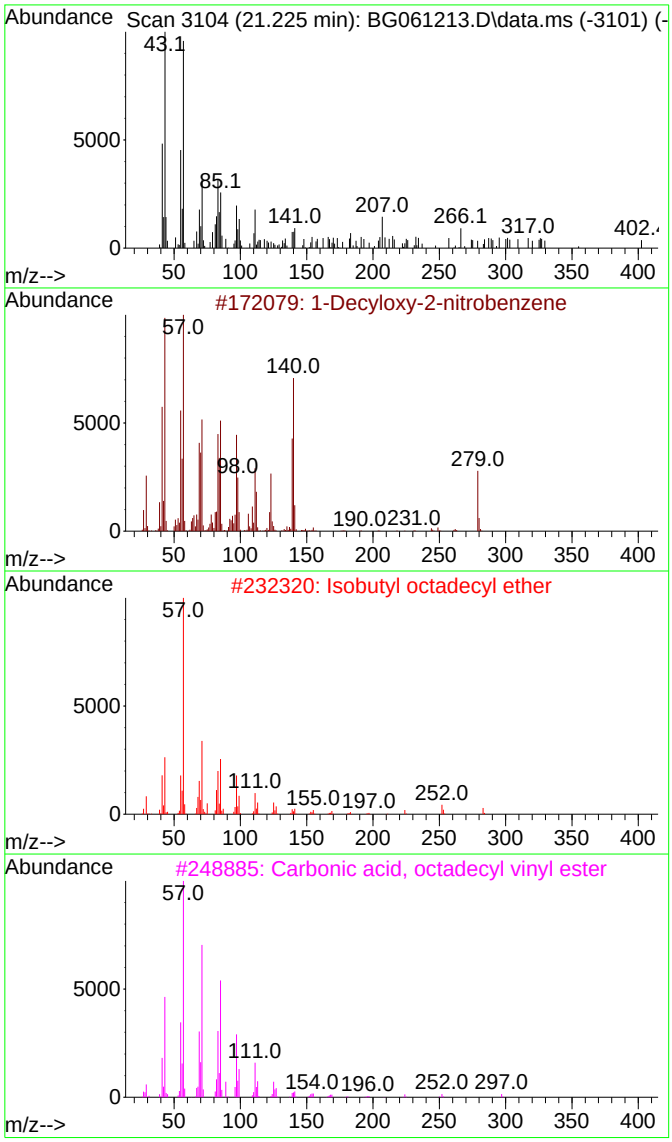
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

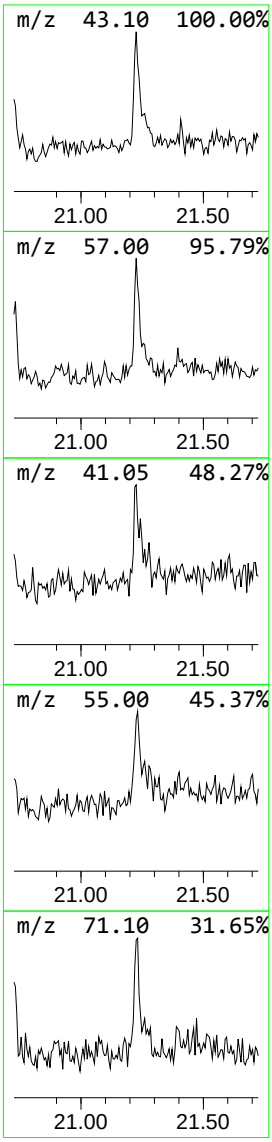
**********

Peak Number 6 unknown21.225 Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.225 | 2.35 ng | 61976 | Chrysene-d12 | 21.566 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Decyloxy-2-nitrobenzene | 279 | C16H25NO3 | 098311-79-6 | 41 |
| 2 | Isobutyl octadecyl ether | 326 | C22H46O | 1000406-32-9 | 35 |
| 3 | Carbonic acid, octadecyl vinyl e... | 340 | C21H40O3 | 1000382-54-4 | 22 |
| 4 | Dodecane | 170 | C12H26 | 000112-40-3 | 15 |
| 5 | Oct-3-enoylamide, N-hexyl- | 225 | C14H27NO | 1000420-41-0 | 15 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
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Sample : P2470-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
WCS-TPG

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Cyclohexane | 3.076 | 2.6 | ng | 26569 | 1 | 7.929 | 200274 | 20.0 |
| Butane, 2-metho... | 3.152 | 53.8 | ng | 538844 | 1 | 7.929 | 200274 | 20.0 |
| unknown3.675 | 3.675 | 2.3 | ng | 23311 | 1 | 7.929 | 200274 | 20.0 |
| Benzene, 1,1'-(... | 19.357 | 2.3 | ng | 50644 | 4 | 17.306 | 447906 | 20.0 |
| unknown21.225 | 21.225 | 2.4 | ng | 61976 | 5 | 21.566 | 526643 | 20.0 |