LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-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\8270E-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009668.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.334 | 392 | 399 | 422 | rBV | 2930226 | 5157059 | 20.24% | 5.627% |
| 2 | 6.922 | 661 | 669 | 686 | rBV | 2754721 | 5287940 | 20.75% | 5.770% |
| 3 | 7.728 | 799 | 806 | 816 | rBV | 775415 | 1407908 | 5.53% | 1.536% |
| 4 | 8.887 | 996 | 1003 | 1013 | rBV | 1775011 | 3340272 | 13.11% | 3.645% |
| 5 | 10.516 | 1272 | 1280 | 1297 | rBV | 1015316 | 2122538 | 8.33% | 2.316% |
| 6 | 11.963 | 1518 | 1526 | 1535 | rBV | 149373 | 294513 | 1.16% | 0.321% |
| 7 | 12.193 | 1559 | 1565 | 1572 | rVB2 | 141995 | 276975 | 1.09% | 0.302% |
| 8 | 12.993 | 1694 | 1701 | 1716 | rBV | 5015178 | 8205691 | 32.21% | 8.954% |
| 9 | 13.210 | 1733 | 1738 | 1745 | rVB | 238119 | 372626 | 1.46% | 0.407% |
| 10 | 13.557 | 1788 | 1797 | 1803 | rBV2 | 150393 | 439026 | 1.72% | 0.479% |
| 11 | 13.698 | 1815 | 1821 | 1826 | rBV | 239050 | 458950 | 1.80% | 0.501% |
| 12 | 13.875 | 1842 | 1851 | 1855 | rBV2 | 223168 | 381593 | 1.50% | 0.416% |
| 13 | 14.293 | 1916 | 1922 | 1927 | rBV | 290303 | 431321 | 1.69% | 0.471% |
| 14 | 14.375 | 1928 | 1936 | 1943 | rVV | 1612168 | 2711372 | 10.64% | 2.959% |
| 15 | 14.598 | 1968 | 1974 | 1983 | rVB2 | 103512 | 276232 | 1.08% | 0.301% |
| 16 | 14.787 | 2000 | 2006 | 2011 | rVB2 | 194646 | 371286 | 1.46% | 0.405% |
| 17 | 14.857 | 2013 | 2018 | 2024 | rVB | 174129 | 279132 | 1.10% | 0.305% |
| 18 | 15.004 | 2036 | 2043 | 2048 | rBV2 | 139698 | 300300 | 1.18% | 0.328% |
| 19 | 15.245 | 2080 | 2084 | 2090 | rVB | 265653 | 361611 | 1.42% | 0.395% |
| 20 | 15.657 | 2148 | 2154 | 2159 | rVB2 | 211157 | 364615 | 1.43% | 0.398% |
| 21 | 15.881 | 2185 | 2192 | 2201 | rBV | 3851986 | 6244890 | 24.51% | 6.814% |
| 22 | 16.116 | 2227 | 2232 | 2234 | rBV | 400957 | 586965 | 2.30% | 0.640% |
| 23 | 16.916 | 2364 | 2368 | 2372 | rVV | 274547 | 338033 | 1.33% | 0.369% |
| 24 | 16.969 | 2372 | 2377 | 2386 | rVB2 | 193286 | 382733 | 1.50% | 0.418% |
| 25 | 17.145 | 2401 | 2407 | 2411 | rBV | 1916618 | 2970945 | 11.66% | 3.242% |
| 26 | 17.187 | 2411 | 2414 | 2419 | rVB | 235810 | 335535 | 1.32% | 0.366% |
| 27 | 17.657 | 2490 | 2494 | 2499 | rVB | 239431 | 306990 | 1.20% | 0.335% |
| 28 | 18.057 | 2558 | 2562 | 2574 | rVB2 | 304508 | 635898 | 2.50% | 0.694% |
| 29 | 19.169 | 2747 | 2751 | 2758 | rBV | 430543 | 657190 | 2.58% | 0.717% |
| 30 | 19.522 | 2807 | 2811 | 2816 | rBV | 375660 | 540232 | 2.12% | 0.589% |
| 31 | 19.722 | 2840 | 2845 | 2856 | rVB | 8729842 | 11894119 | 46.68% | 12.979% |
| 32 | 20.980 | 3056 | 3059 | 3069 | rVB3 | 652881 | 959376 | 3.77% | 1.047% |
| 33 | 21.263 | 3102 | 3107 | 3112 | rBV | 2540435 | 3600070 | 14.13% | 3.928% |
| 34 | 21.380 | 3121 | 3127 | 3152 | rBV | 16213123 | 25478971 | 100.00% | 27.802% |
| 35 | 23.639 | 3505 | 3511 | 3531 | rVB2 | 1694738 | 3871184 | 15.19% | 4.224% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-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\8270E-BP031722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

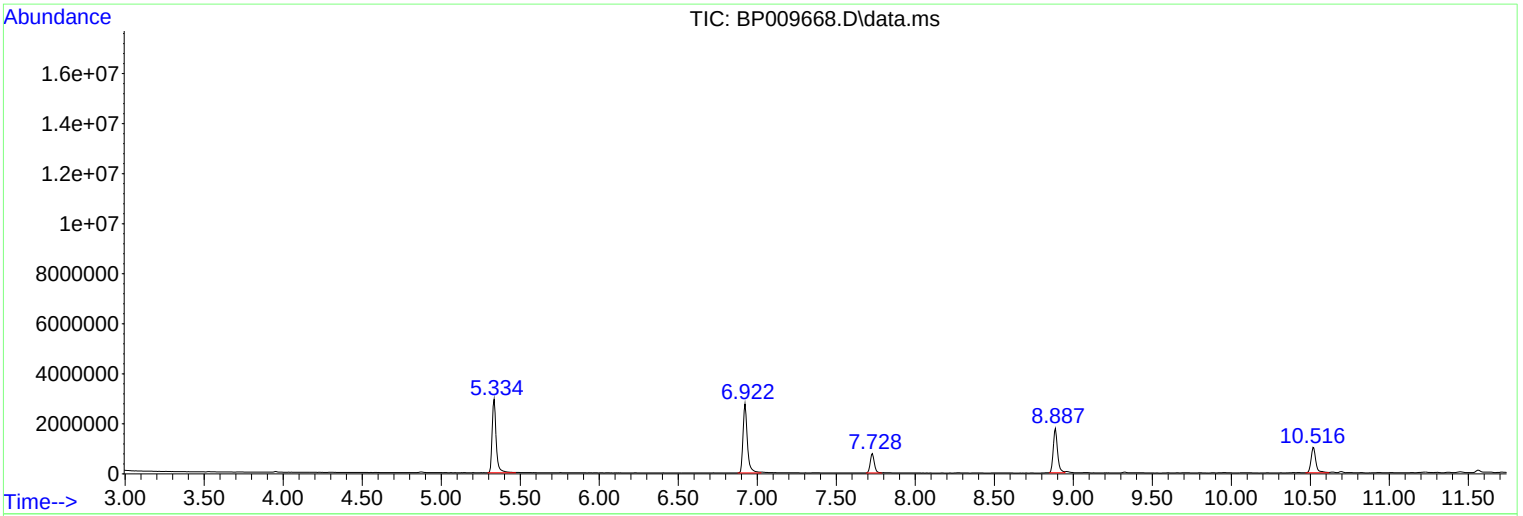
Sum of corrected areas: 91644091

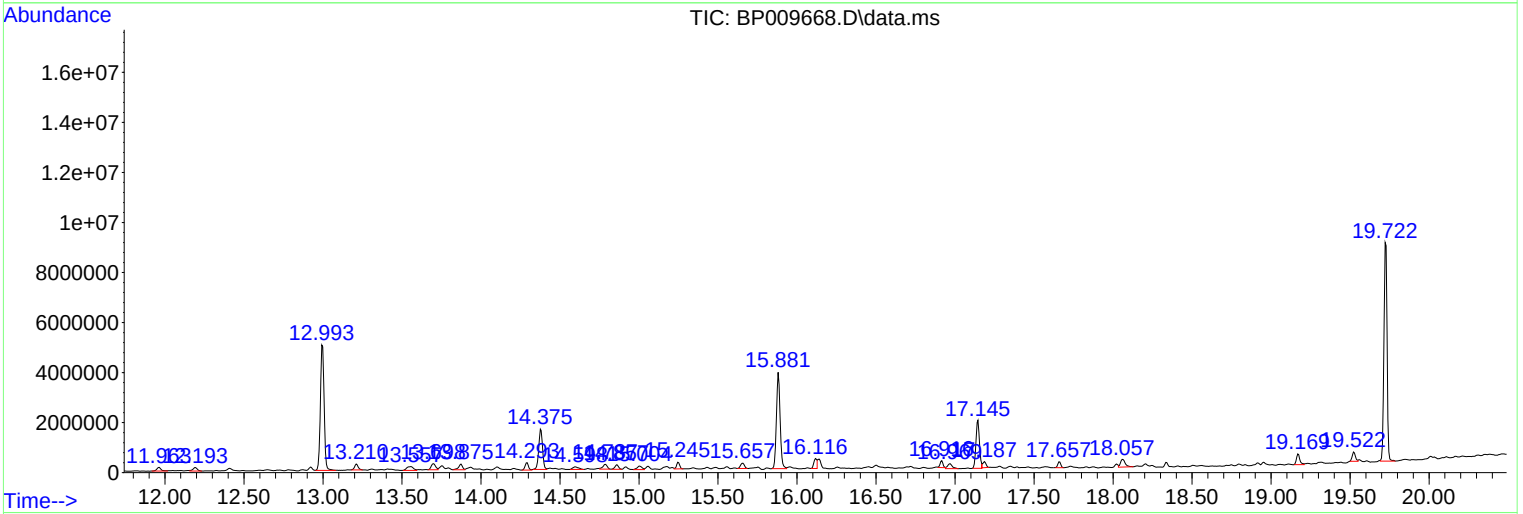
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

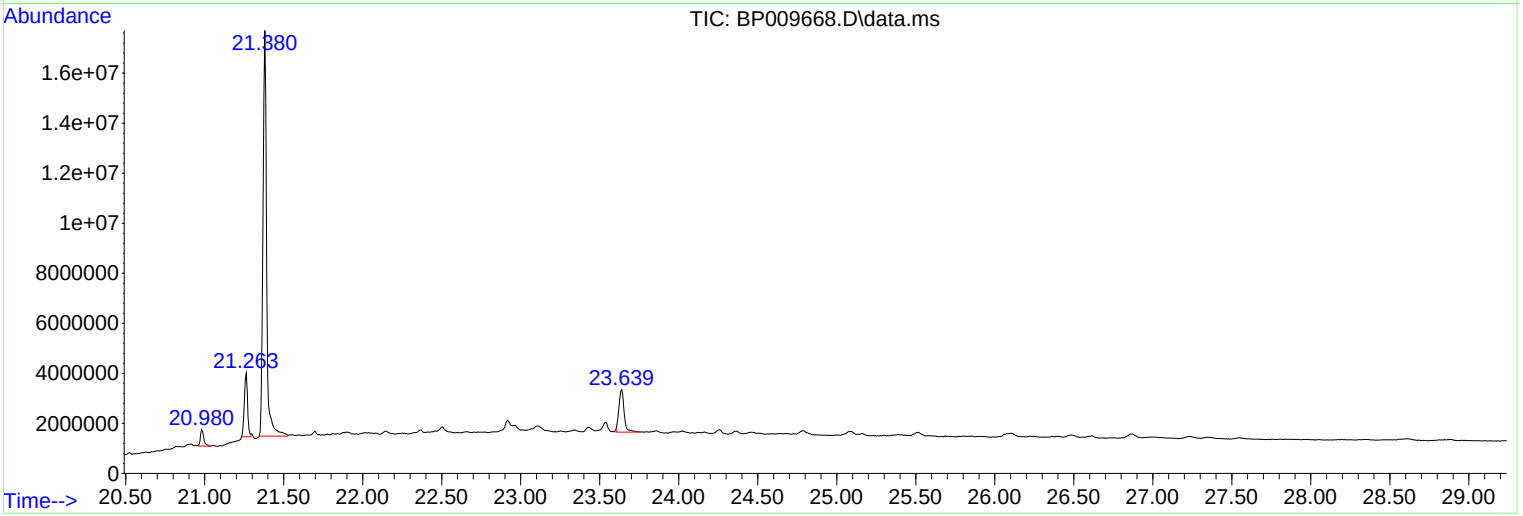
**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

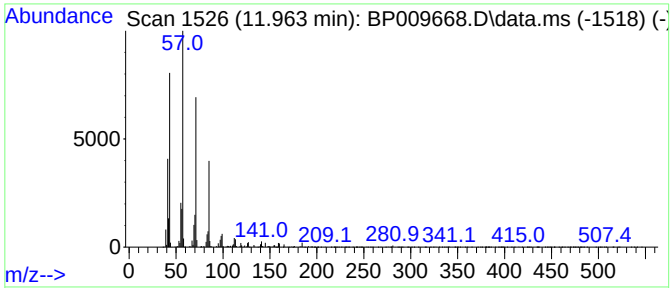
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

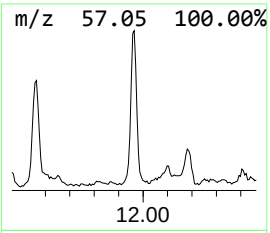
**********

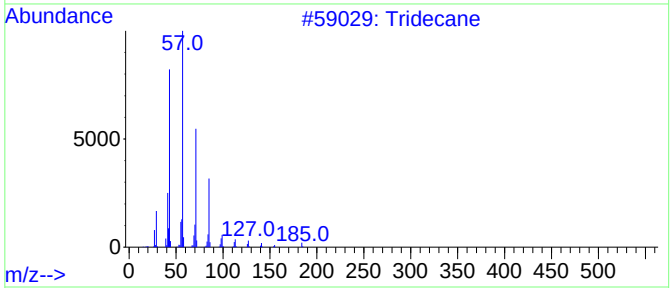
Peak Number 1 Tridecane Concentration Rank 9

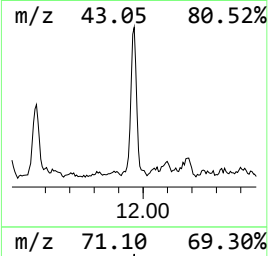
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.963 | 2.78 ng | 294513 | Naphthalene-d8 | 10.516 |

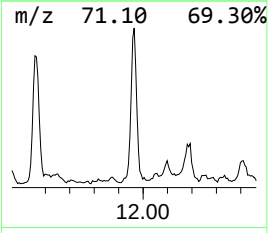
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 96 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 3 | Dodecane | 170 | C12H26 | 000112-40-3 | 90 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |
| 5 | Undecane, 4,7-dimethyl- | 184 | C13H28 | 017301-32-5 | 78 |

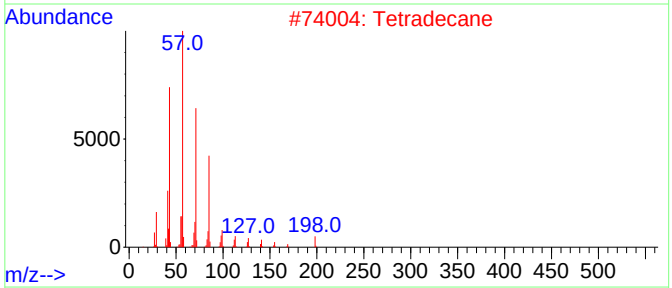


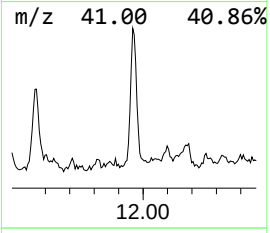



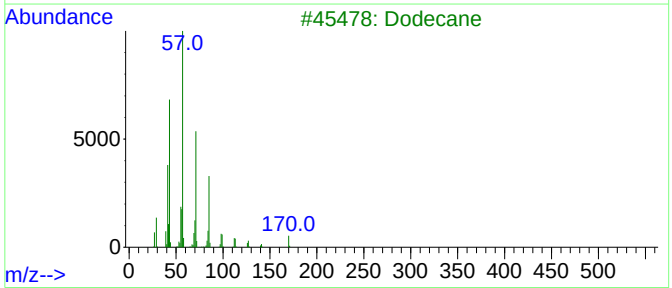



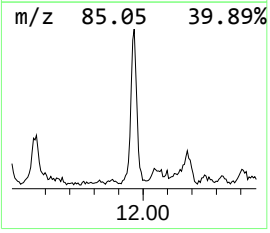



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

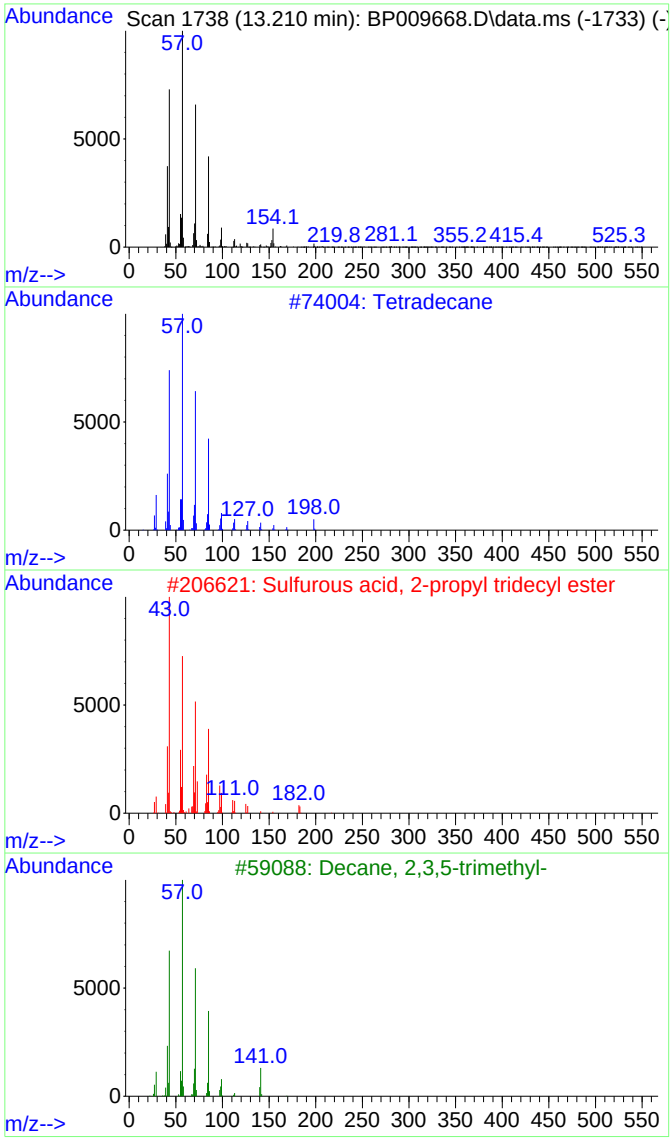
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

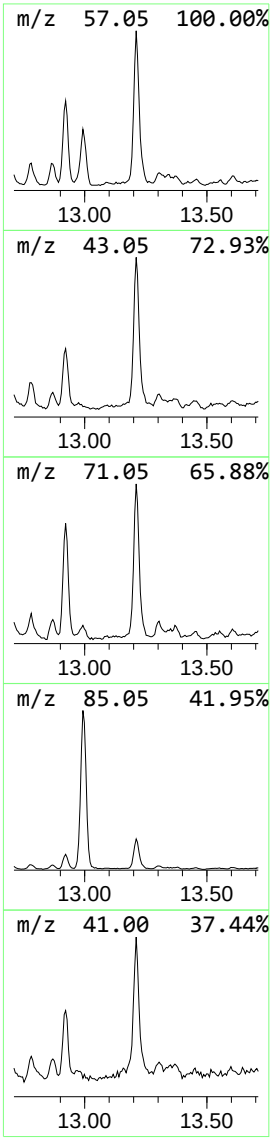
**********

Peak Number 2 Tetradecane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.210 | 2.75 ng | 372626 | Acenaphthene-d10 | 14.375 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 2 | Sulfurous acid, 2-propyl tridecy... | 306 | C16H34O3S | 1000309-12-4 | 83 |
| 3 | Decane, 2,3,5-trimethyl- | 184 | C13H28 | 062238-11-3 | 78 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |
| 5 | Octadecane, 1-chloro- | 288 | C18H37Cl | 003386-33-2 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

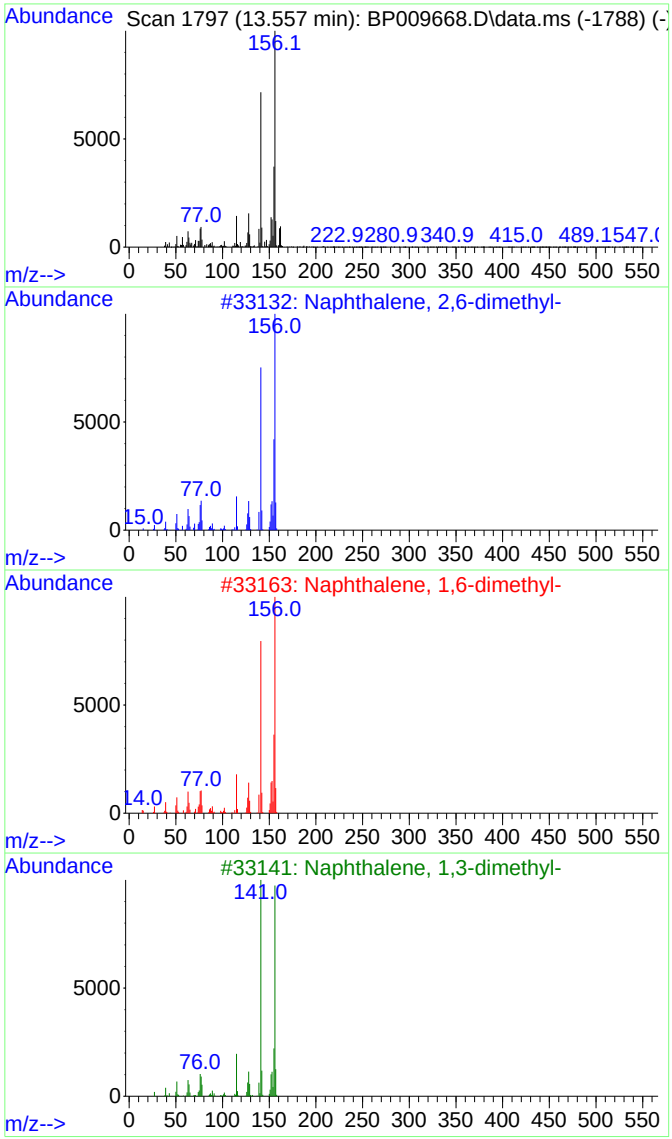
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

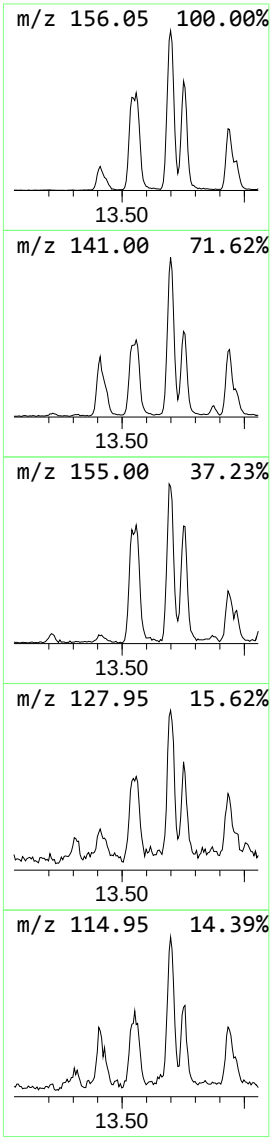
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.557 | 3.24 ng | 439026 | Acenaphthene-d10 | 14.375 |

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

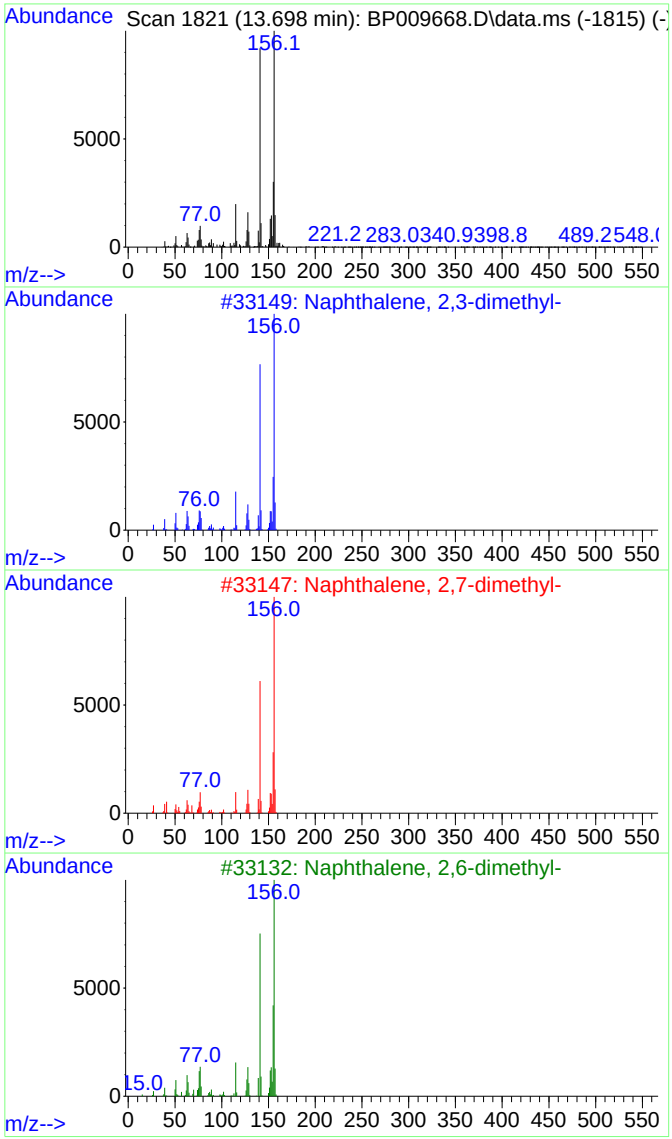
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

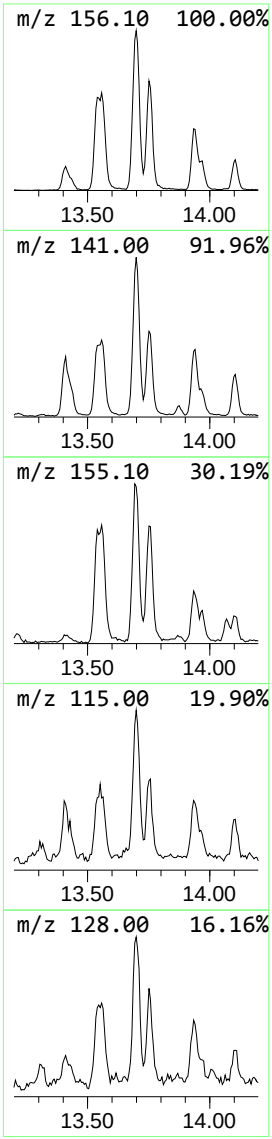
**********

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.698 | 3.39 ng | 458950 | Acenaphthene-d10 | 14.375 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 97 |
| 2 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 97 |
| 3 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 97 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

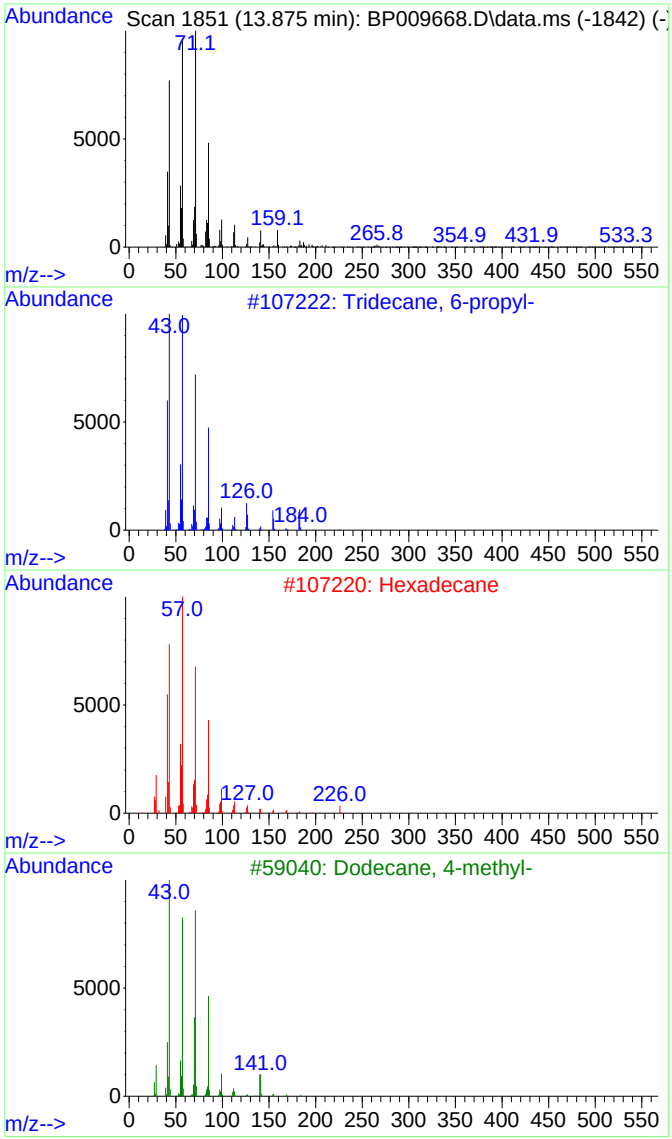
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

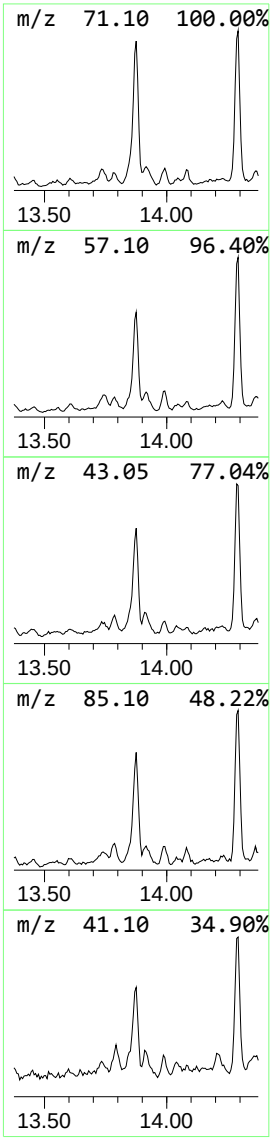
**********

Peak Number 5 Tridecane, 6-propyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.875 | 2.81 ng | 381593 | Acenaphthene-d10 | 14.375 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 86 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |
| 3 | Dodecane, 4-methyl- | 184 | C13H28 | 006117-97-1 | 83 |
| 4 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 80 |
| 5 | Decane, 5-propyl- | 184 | C13H28 | 017312-62-8 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

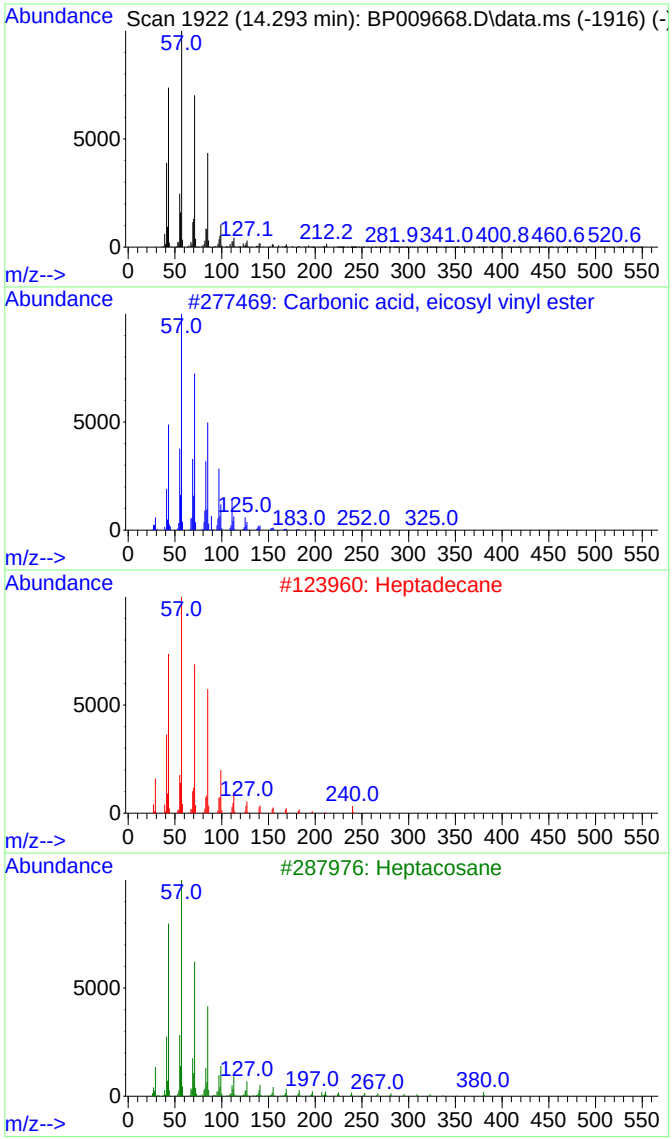
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

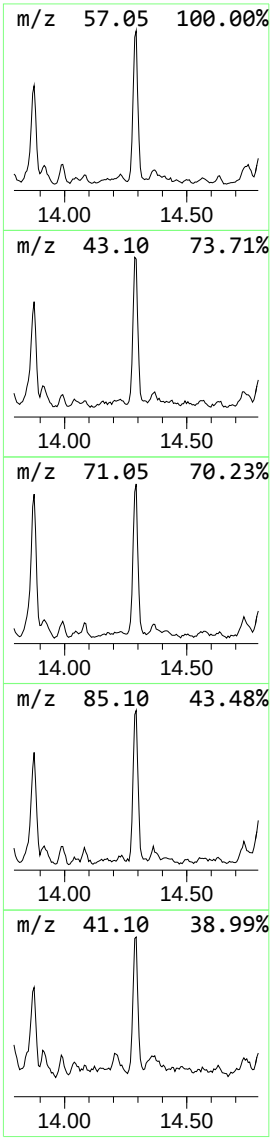
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Carbonic acid, eicosyl viny... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.293 | 3.18 ng | 431321 | Acenaphthene-d10 | 14.375 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 91 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 90 |
| 3 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 90 |
| 5 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

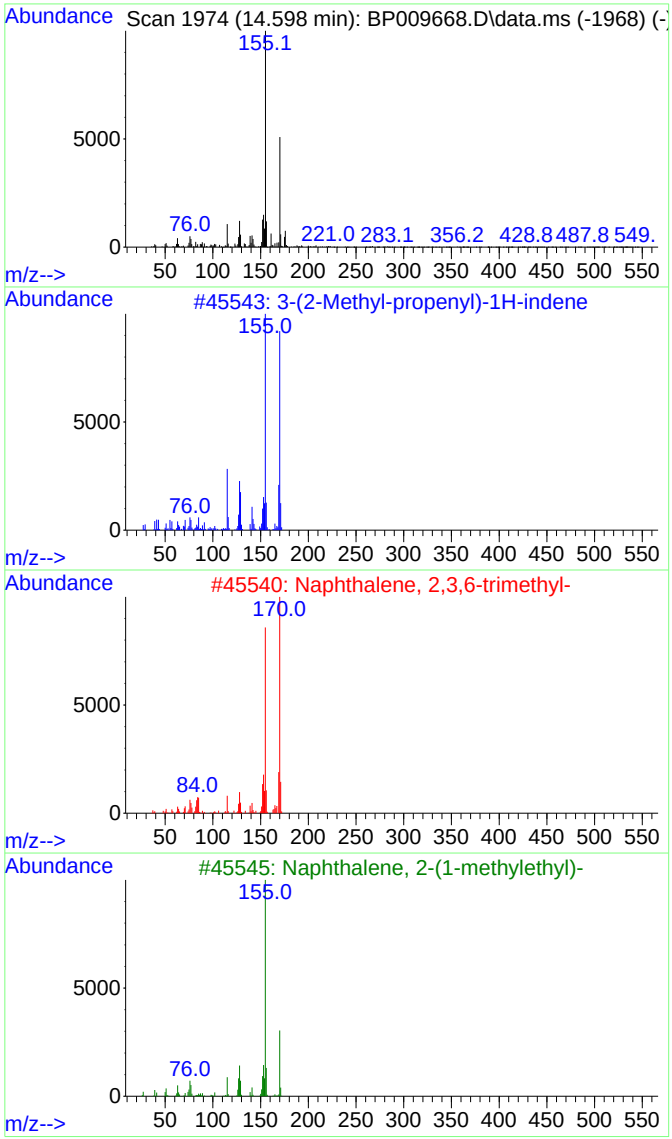
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

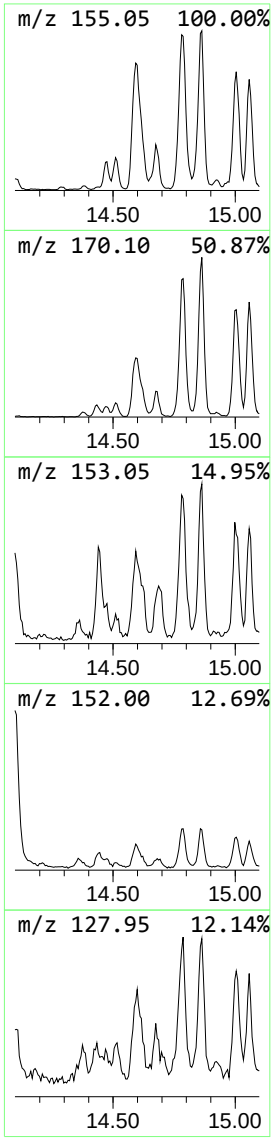
**********

Peak Number 7 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.598 | 2.04 ng | 276232 | Acenaphthene-d10 | 14.375 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14 | 1000187-78-5 | 93 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 93 |
| 3 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 90 |
| 4 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 80 |
| 5 | Ethanone, 1-(1-Naphthalenyl)- | 170 | C12H10O | 000941-98-0 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

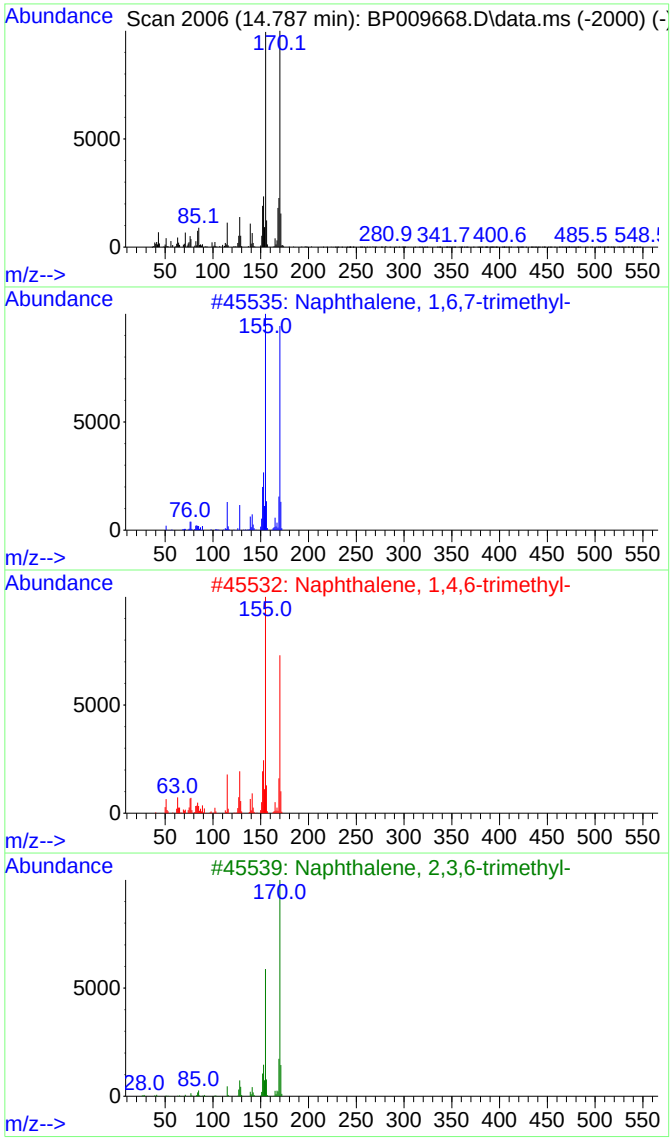
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

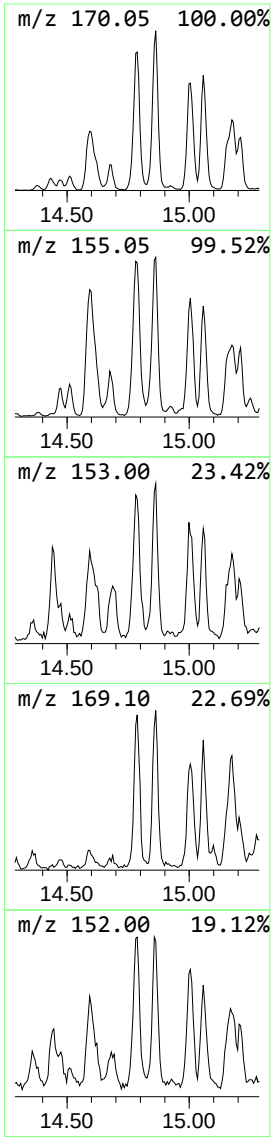
**********

Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.787 | 2.74 ng | 371286 | Acenaphthene-d10 | 14.375 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 98 |
| 2 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 97 |
| 3 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 93 |
| 4 | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14 | 002131-41-1 | 90 |
| 5 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 81 |



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Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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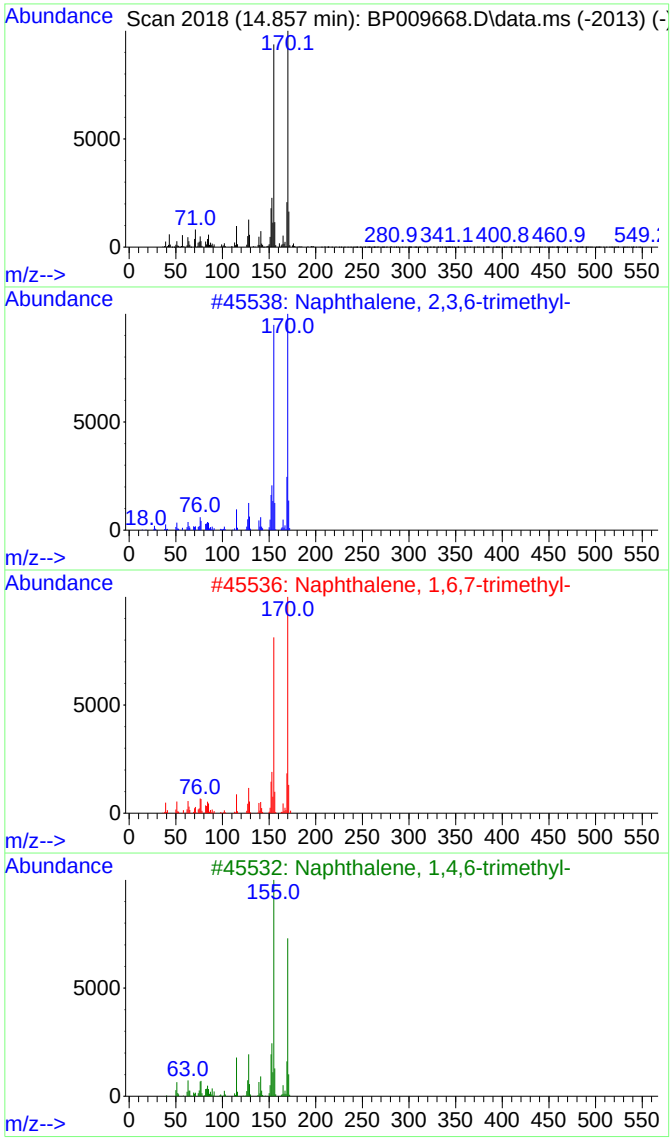
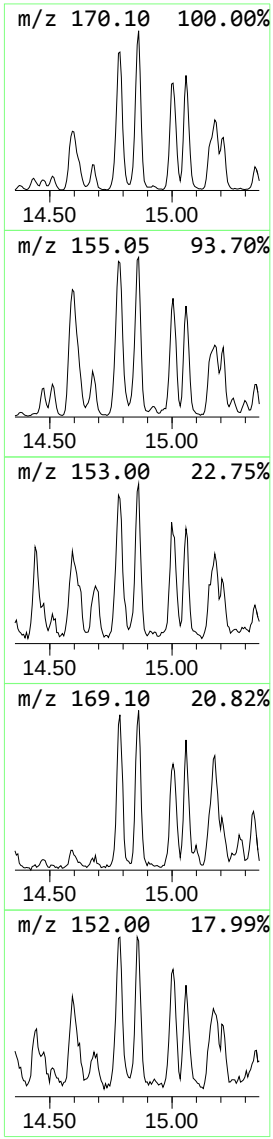
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.857 | 2.06 ng | 279132 | Acenaphthene-d10 | 14.375 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 98 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |
| 4 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 94 |
| 5 | Naphthalene, 1,4,5-trimethyl- | 170 | C13H14 | 002131-41-1 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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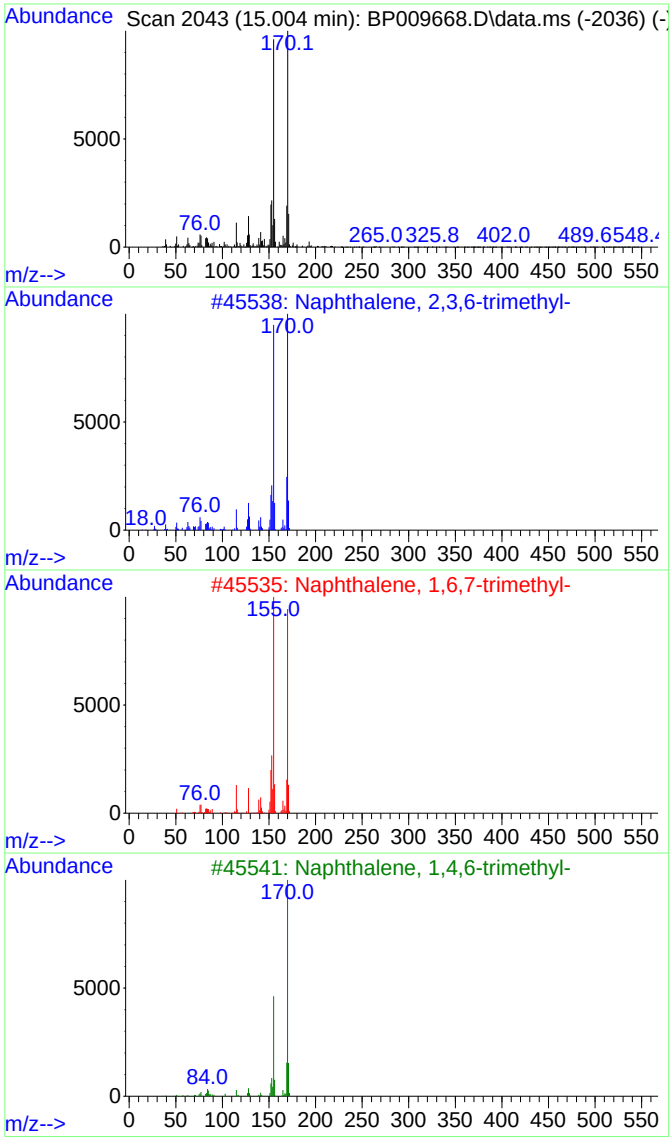
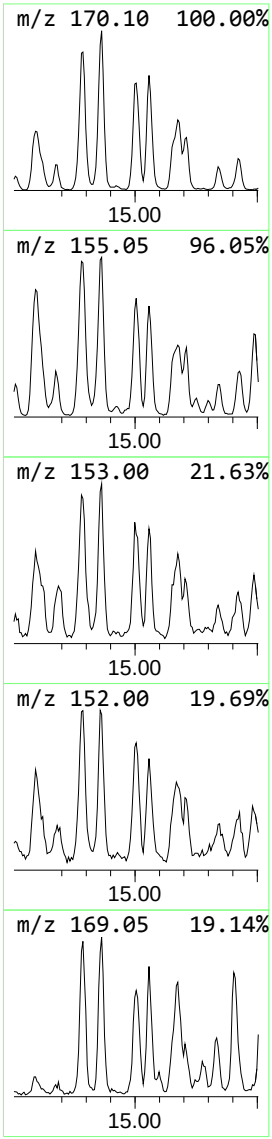
Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.004 | 2.22 ng | 300300 | Acenaphthene-d10 | 14.375 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 96 |
| 2 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 96 |
| 4 | 4,6,8-Trimethylazulene | 170 | C13H14 | 000941-81-1 | 91 |
| 5 | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14 | 1000187-78-5 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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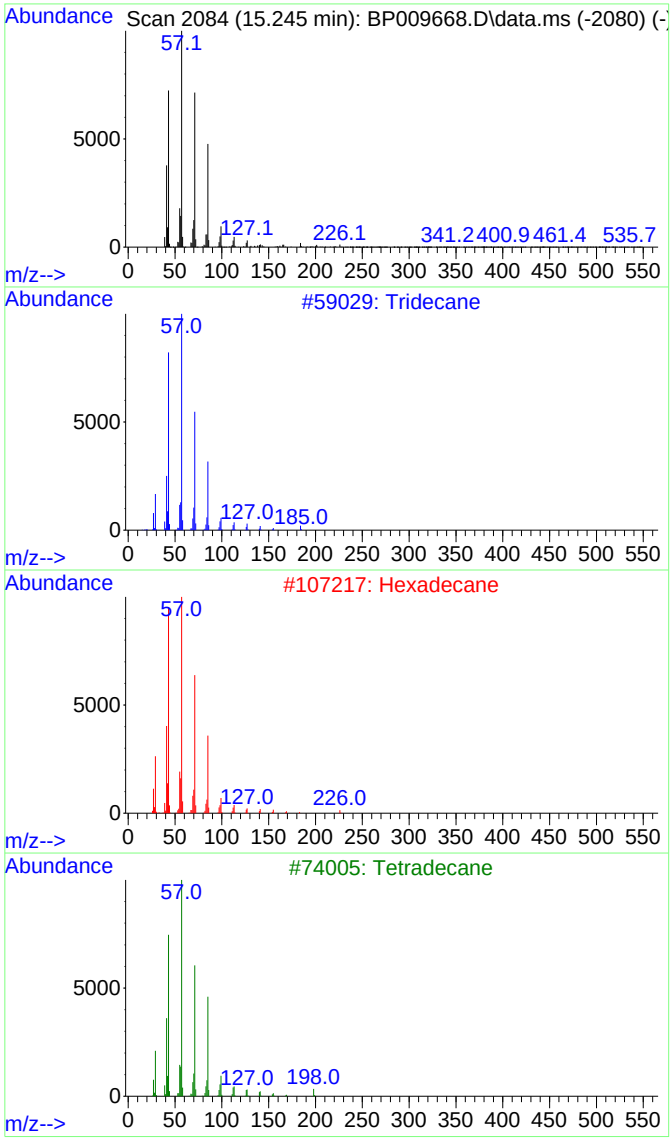
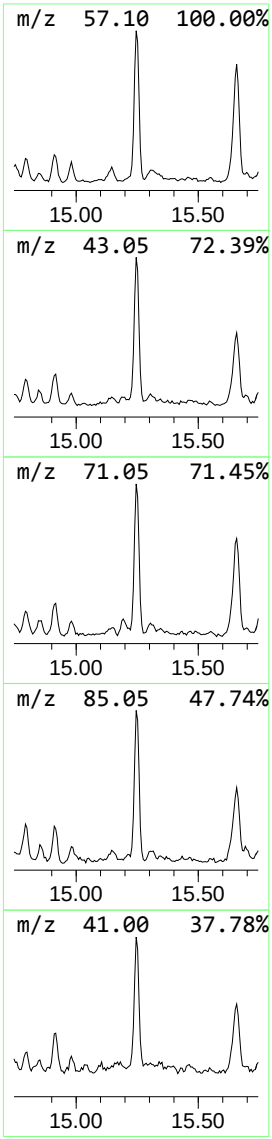
Peak Number 11 Hexadecane Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.246 | 2.67 ng | 361611 | Acenaphthene-d10 | 14.375 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 94 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 93 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 4 | Decane, 2,3,5-trimethyl- | 184 | C13H28 | 062238-11-3 | 90 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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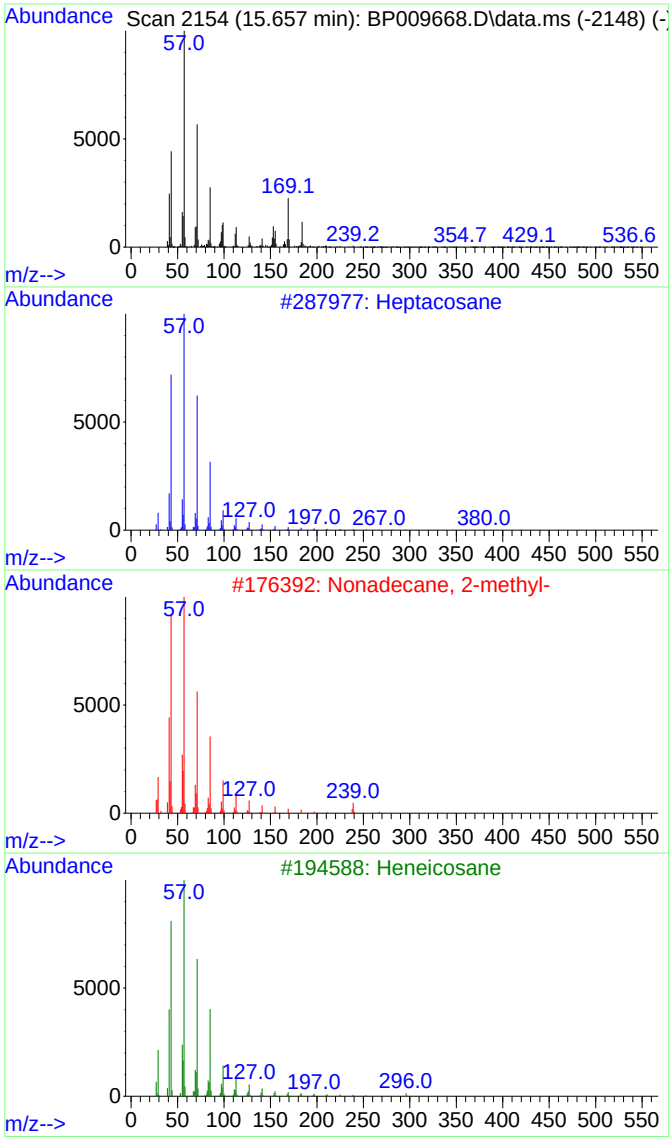
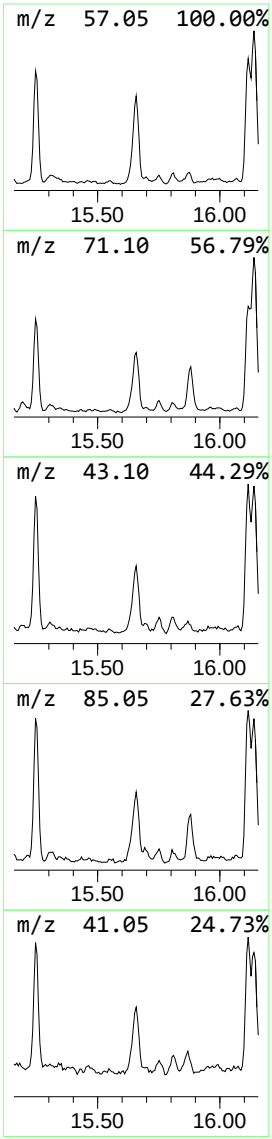
Peak Number 12 Heptacosane Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.657 | 2.69 ng | 364615 | Acenaphthene-d10 | 14.375 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 52 |
| 2 | Nonadecane, 2-methyl- | 282 | C20H42 | 001560-86-7 | 50 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 50 |
| 4 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 49 |
| 5 | Undecane, 3,6-dimethyl- | 184 | C13H28 | 017301-28-9 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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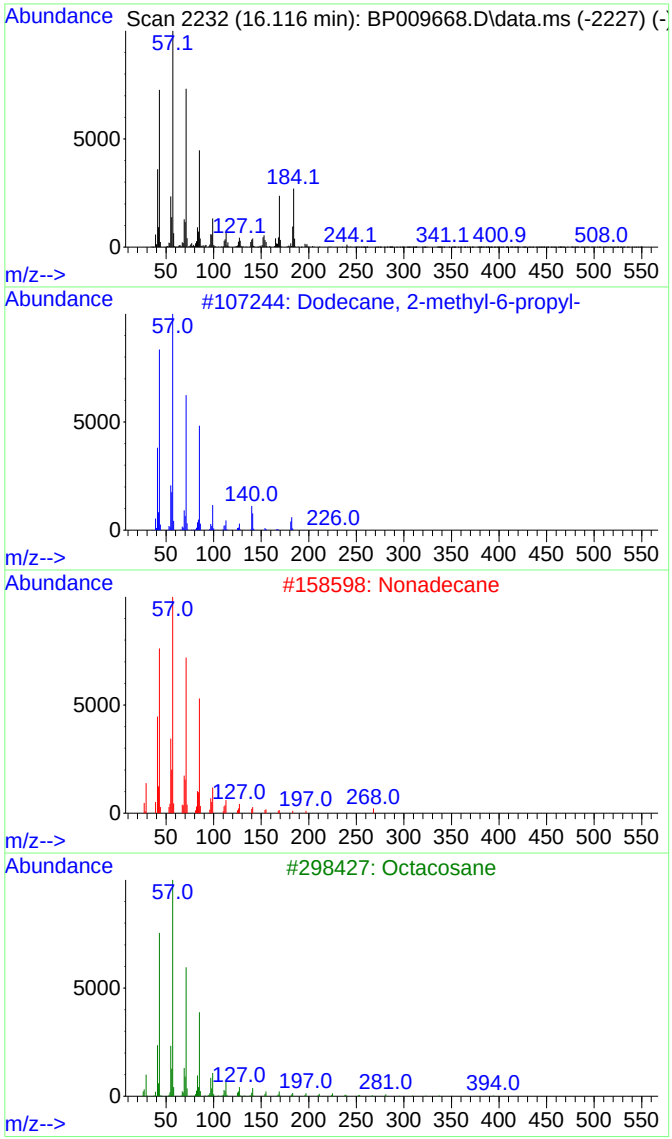
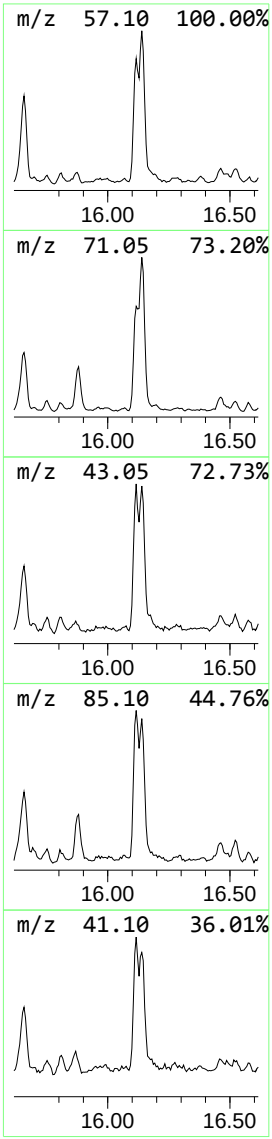
Peak Number 13 Dodecane, 2-methyl-6-propyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.116 | 3.95 ng | 586965 | Phenanthrene-d10 | 17.145 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 86 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 70 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 68 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 64 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 62 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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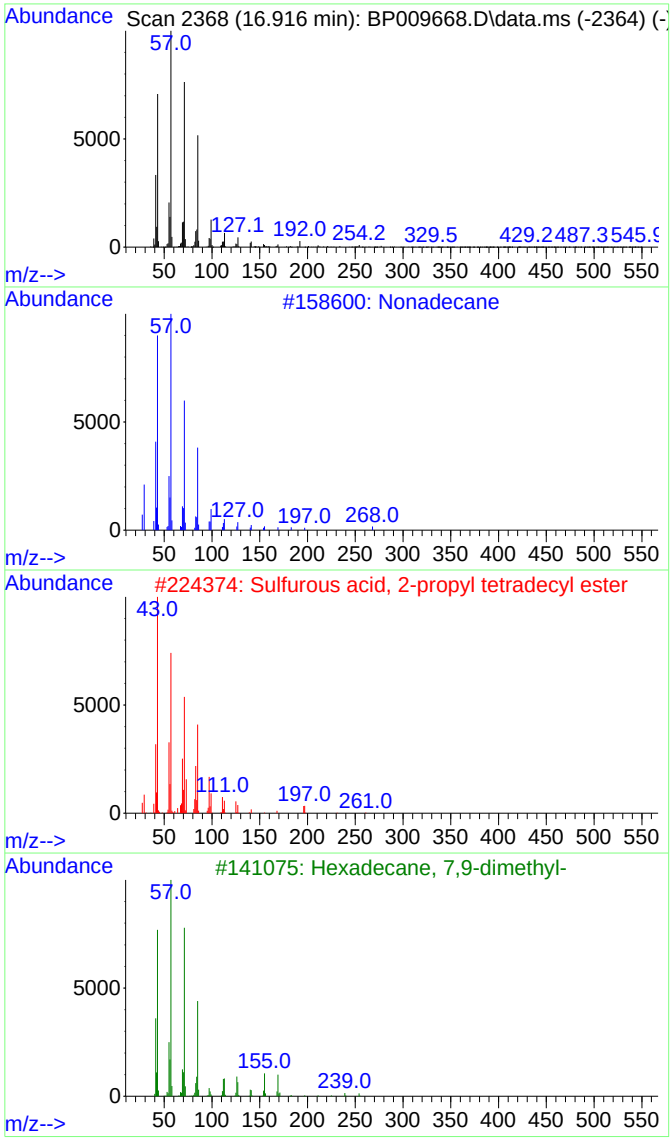
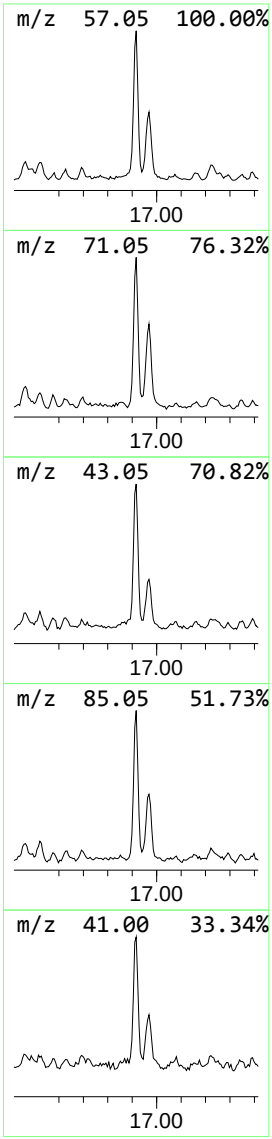
Peak Number 14 Nonadecane Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.916 | 2.28 ng | 338033 | Phenanthrene-d10 | 17.145 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 2 | Sulfurous acid, 2-propyl tetrade... | 320 | C17H36O3S | 1010309-12-5 | 90 |
| 3 | Hexadecane, 7,9-dimethyl- | 254 | C18H38 | 021164-95-4 | 89 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 86 |
| 5 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

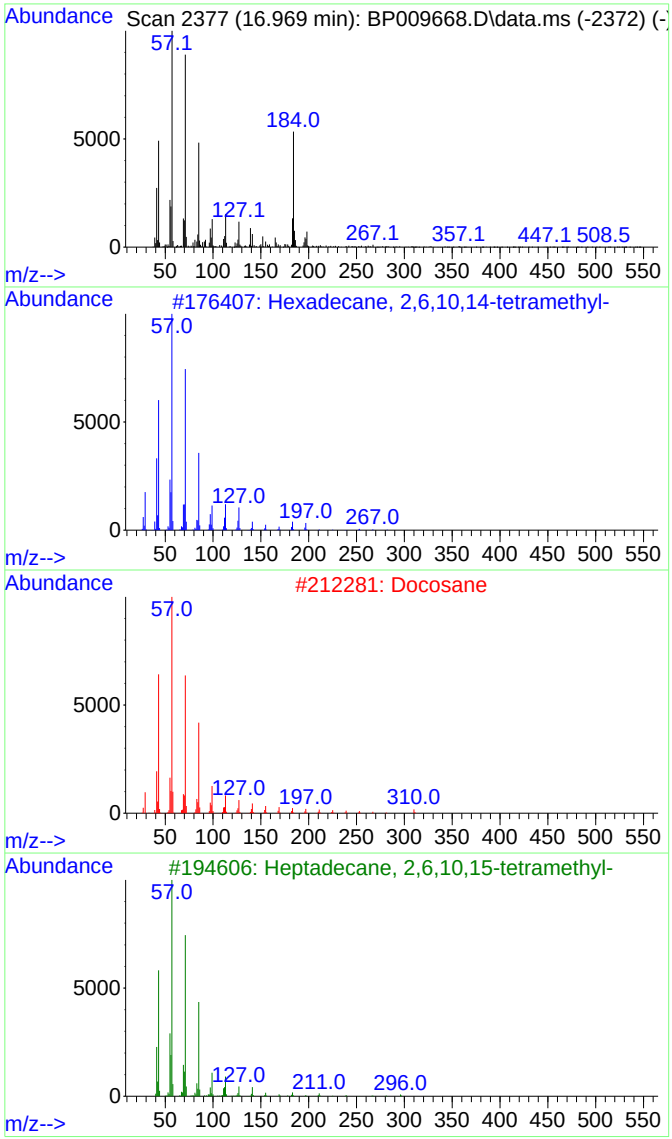
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

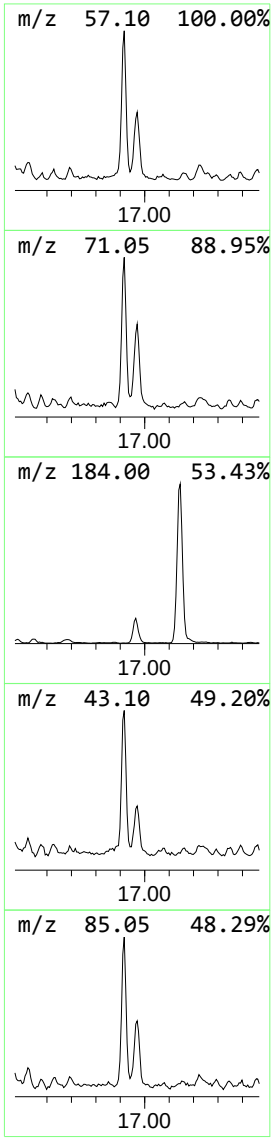
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.969 | 2.58 ng | 382733 | Phenanthrene-d10 | 17.145 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 68 |
| 2 | Docosane | 310 | C22H46 | 000629-97-0 | 64 |
| 3 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 62 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 60 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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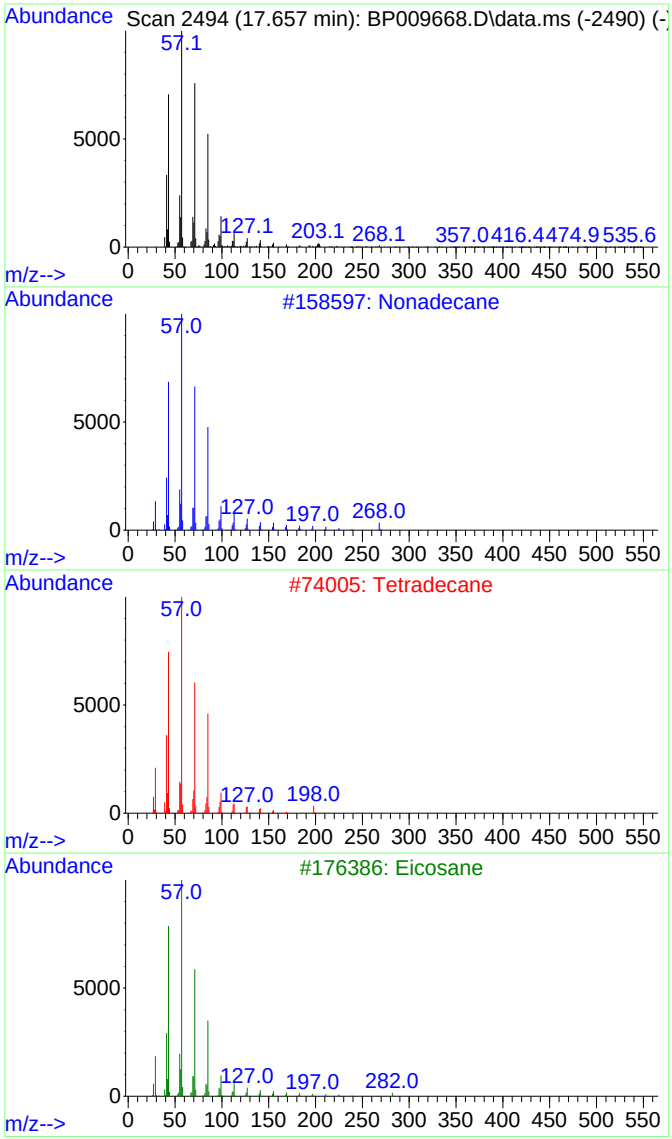
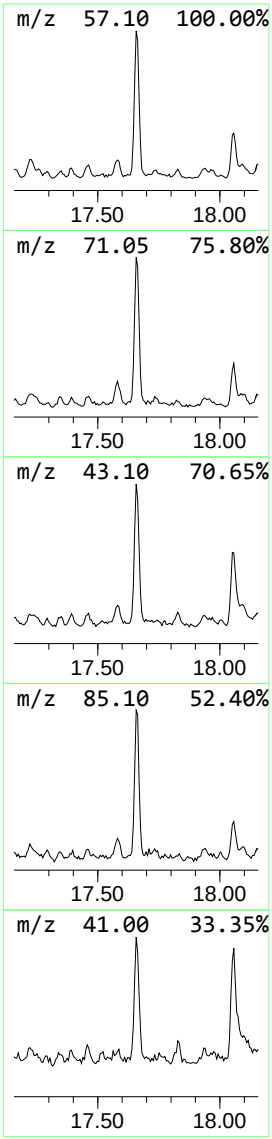
Peak Number 16 Eicosane Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.657 | 2.07 ng | 306990 | Phenanthrene-d10 | 17.145 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 91 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 90 |
| 4 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 90 |
| 5 | Decane, 1-iodo- | 268 | C10H21I | 002050-77-3 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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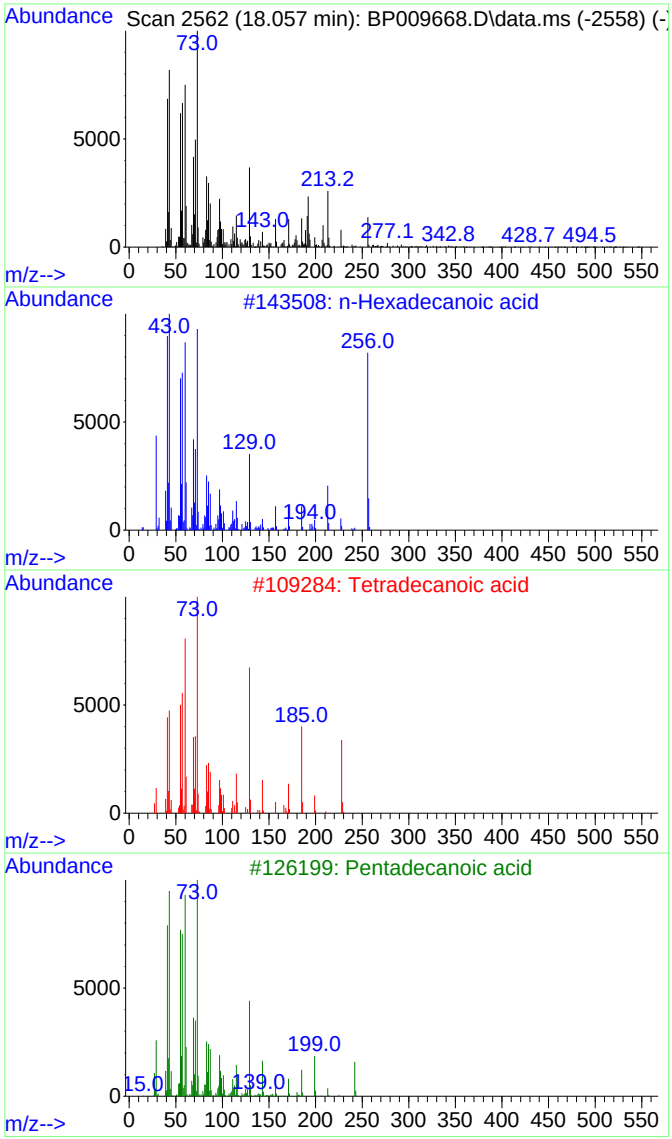
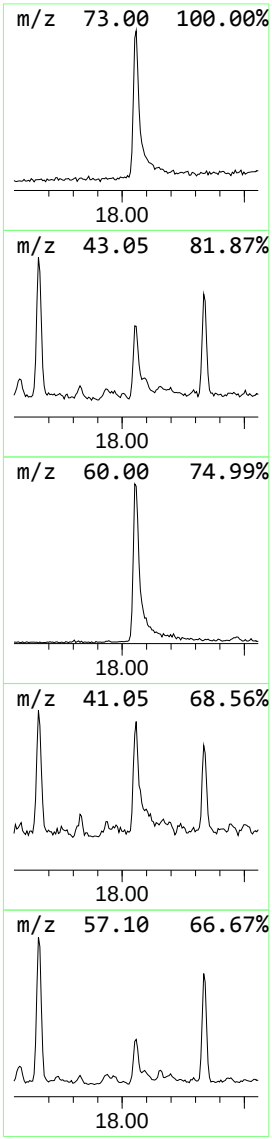
Peak Number 17 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.057 | 4.28 ng | 635898 | Phenanthrene-d10 | 17.145 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 91 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 76 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 62 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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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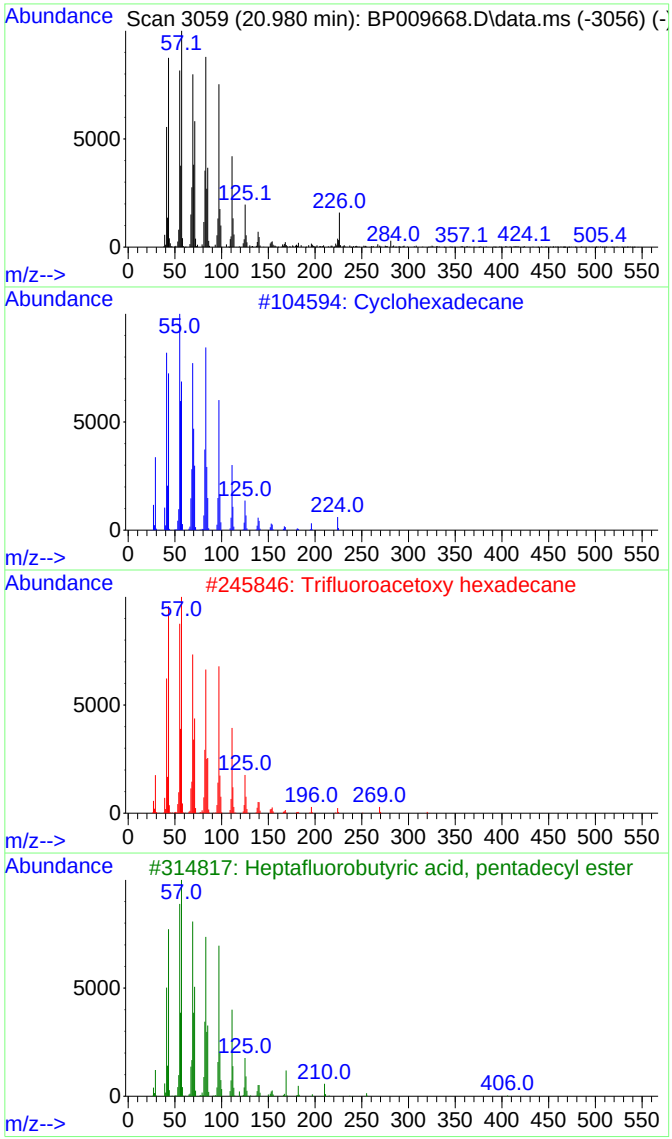
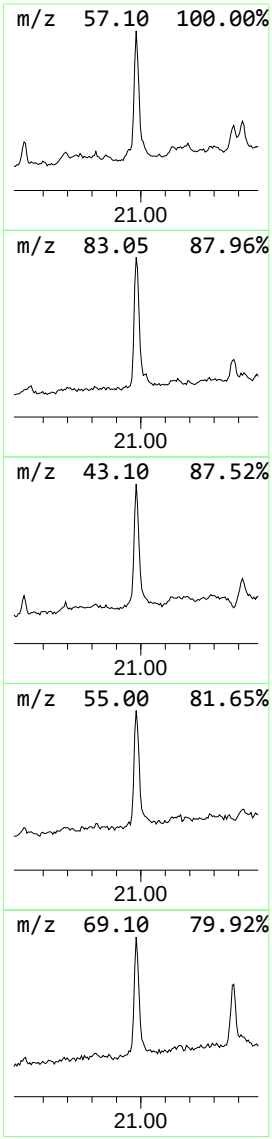
Peak Number 18 Cyclohexadecane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.980 | 5.33 ng | 959376 | Chrysene-d12 | 21.263 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 94 |
| 2 | Trifluoroacetoxy hexadecane | 338 | C18H33F3O2 | 006222-03-3 | 94 |
| 3 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |
| 4 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 94 |
| 5 | Nonacos-1-ene | 406 | C29H58 | 018835-35-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

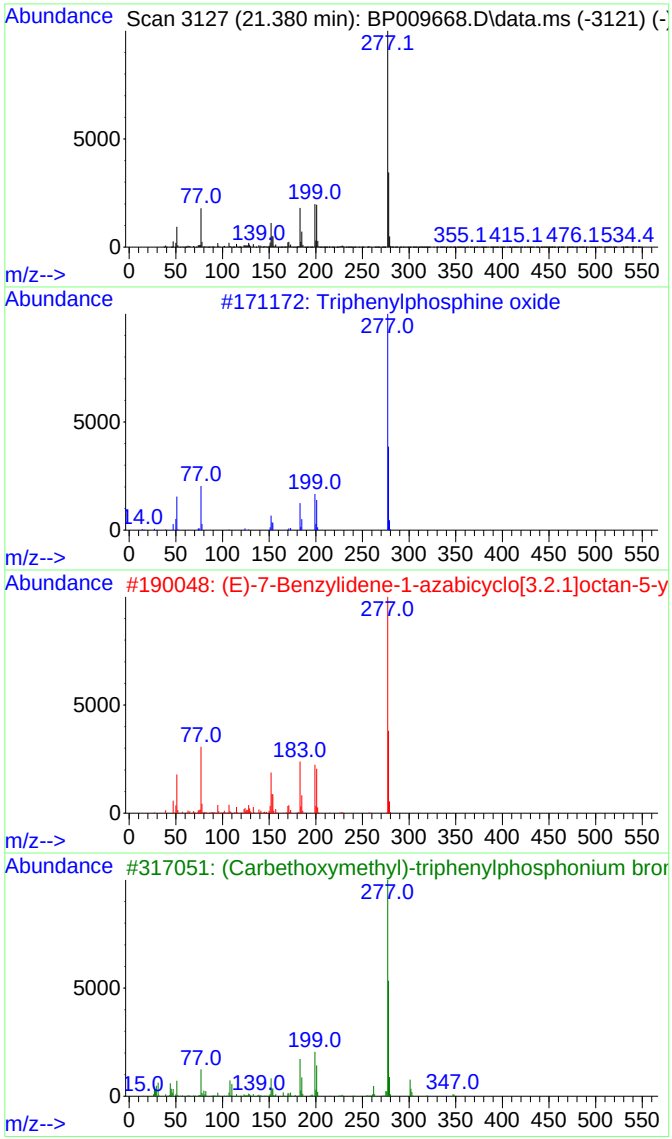
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

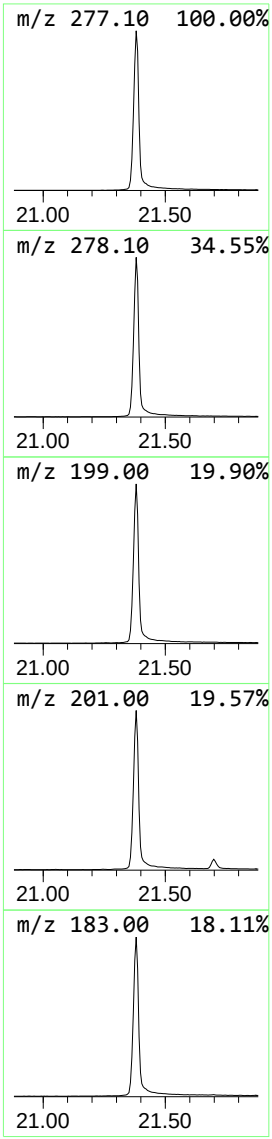
**********

Peak Number 19 Triphenylphosphine oxide Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.380 | 141.55 ng | 25479000 | Chrysene-d12 | 21.263 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Triphenylphosphine oxide | 278 | C18H15OP | 000791-28-6 | 95 |
| 2 | (E)-7-Benzylidene-1-azabicyclo[3... | 293 | C15H19NO3S | 1000483-83-4 | 90 |
| 3 | (Carbethoxymethyl)-triphenylphos... | 428 | C22H22BrO2P | 001530-45-6 | 42 |
| 4 | Formaldehyde, (triphenylphosphor... | 304 | C19H17N2P | 015990-54-2 | 37 |
| 5 | 3-(3,4-Dichlorophenyl)-2-thioxo-... | 277 | C9H5Cl2NOS2 | 017046-34-3 | 32 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
Data File : BP009668.D
Acq On : 01 Apr 2022 20:53
Operator : CG/JU
Sample : N2219-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.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 |
| Tridecane | 11.963 | 2.8 | ng | 294513 | 2 | 10.516 | 2122540 | 20.0 |
| Tetradecane | 13.210 | 2.8 | ng | 372626 | 3 | 14.375 | 2711370 | 20.0 |
| Naphthalene, 2,... | 13.557 | 3.2 | ng | 439026 | 3 | 14.375 | 2711370 | 20.0 |
| Naphthalene, 2,... | 13.698 | 3.4 | ng | 458950 | 3 | 14.375 | 2711370 | 20.0 |
| Tridecane, 6-pr... | 13.875 | 2.8 | ng | 381593 | 3 | 14.375 | 2711370 | 20.0 |
| Carbonic acid, ... | 14.293 | 3.2 | ng | 431321 | 3 | 14.375 | 2711370 | 20.0 |
| 3-(2-Methyl-pro... | 14.598 | 2.0 | ng | 276232 | 3 | 14.375 | 2711370 | 20.0 |
| Naphthalene, 1,... | 14.787 | 2.7 | ng | 371286 | 3 | 14.375 | 2711370 | 20.0 |
| Naphthalene, 2,... | 14.857 | 2.1 | ng | 279132 | 3 | 14.375 | 2711370 | 20.0 |
| Naphthalene, 1,... | 15.004 | 2.2 | ng | 300300 | 3 | 14.375 | 2711370 | 20.0 |
| Hexadecane | 15.246 | 2.7 | ng | 361611 | 3 | 14.375 | 2711370 | 20.0 |
| Heptacosane | 15.657 | 2.7 | ng | 364615 | 3 | 14.375 | 2711370 | 20.0 |
| Dodecane, 2-met... | 16.116 | 4.0 | ng | 586965 | 4 | 17.145 | 2970950 | 20.0 |
| Nonadecane | 16.916 | 2.3 | ng | 338033 | 4 | 17.145 | 2970950 | 20.0 |
| Hexadecane, 2,6... | 16.969 | 2.6 | ng | 382733 | 4 | 17.145 | 2970950 | 20.0 |
| Eicosane | 17.657 | 2.1 | ng | 306990 | 4 | 17.145 | 2970950 | 20.0 |
| n-Hexadecanoic ... | 18.057 | 4.3 | ng | 635898 | 4 | 17.145 | 2970950 | 20.0 |
| Cyclohexadecane | 20.980 | 5.3 | ng | 959376 | 5 | 21.263 | 3600070 | 20.0 |
| Triphenylphosph... | 21.380 | 141.6 | ng | 25479000 | 5 | 21.263 | 3600070 | 20.0 |