LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
Data File : BP003338.D
Acq On : 22 Sep 2020 14:40
Operator : CG/JU
Sample : L4099-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 029

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\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003338.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.187 | 384 | 391 | 410 | rBV | 2206412 | 3342550 | 64.27% | 8.350% |
| 2 | 6.769 | 652 | 660 | 686 | rBV | 2024677 | 3389271 | 65.17% | 8.466% |
| 3 | 7.569 | 789 | 796 | 806 | rBV | 580474 | 887594 | 17.07% | 2.217% |
| 4 | 8.722 | 983 | 992 | 1012 | rBV | 1427344 | 2449766 | 47.10% | 6.119% |
| 5 | 10.346 | 1260 | 1268 | 1287 | rBV | 720327 | 1253980 | 24.11% | 3.132% |
| 6 | 12.834 | 1684 | 1691 | 1709 | rBV | 2993065 | 4630683 | 89.04% | 11.567% |
| 7 | 13.681 | 1828 | 1835 | 1848 | rBV | 385364 | 575967 | 11.07% | 1.439% |
| 8 | 14.216 | 1920 | 1926 | 1943 | rBV | 1139587 | 1759390 | 33.83% | 4.395% |
| 9 | 15.716 | 2174 | 2181 | 2211 | rBV | 2675147 | 4167103 | 80.12% | 10.409% |
| 10 | 16.969 | 2388 | 2394 | 2400 | rBV | 1447059 | 2119536 | 40.75% | 5.294% |
| 11 | 17.898 | 2548 | 2552 | 2559 | rBV2 | 29398 | 53172 | 1.02% | 0.133% |
| 12 | 18.998 | 2734 | 2739 | 2745 | rBV | 132256 | 175118 | 3.37% | 0.437% |
| 13 | 19.351 | 2790 | 2799 | 2802 | rBV | 119609 | 197726 | 3.80% | 0.494% |
| 14 | 19.551 | 2827 | 2833 | 2847 | rBV | 4281207 | 5200808 | 100.00% | 12.991% |
| 15 | 20.351 | 2966 | 2969 | 2973 | rVB | 51012 | 57555 | 1.11% | 0.144% |
| 16 | 20.798 | 3041 | 3045 | 3053 | rBV | 527700 | 744539 | 14.32% | 1.860% |
| 17 | 21.069 | 3085 | 3091 | 3096 | rBV | 2143356 | 2718442 | 52.27% | 6.791% |
| 18 | 21.233 | 3115 | 3119 | 3124 | rBV2 | 119322 | 136722 | 2.63% | 0.342% |
| 19 | 21.657 | 3187 | 3191 | 3201 | rBV | 181523 | 271273 | 5.22% | 0.678% |
| 20 | 22.110 | 3263 | 3268 | 3274 | rBV | 281661 | 381958 | 7.34% | 0.954% |
| 21 | 22.610 | 3348 | 3353 | 3358 | rBV | 436307 | 701262 | 13.48% | 1.752% |
| 22 | 23.169 | 3442 | 3448 | 3455 | rBV | 526126 | 886788 | 17.05% | 2.215% |
| 23 | 23.263 | 3457 | 3464 | 3479 | rVB | 1461023 | 2670654 | 51.35% | 6.671% |
| 24 | 23.810 | 3551 | 3557 | 3565 | rVB | 393402 | 758675 | 14.59% | 1.895% |
| 25 | 24.545 | 3677 | 3682 | 3698 | rVB2 | 212087 | 502340 | 9.66% | 1.255% |

Sum of corrected areas: 40032872

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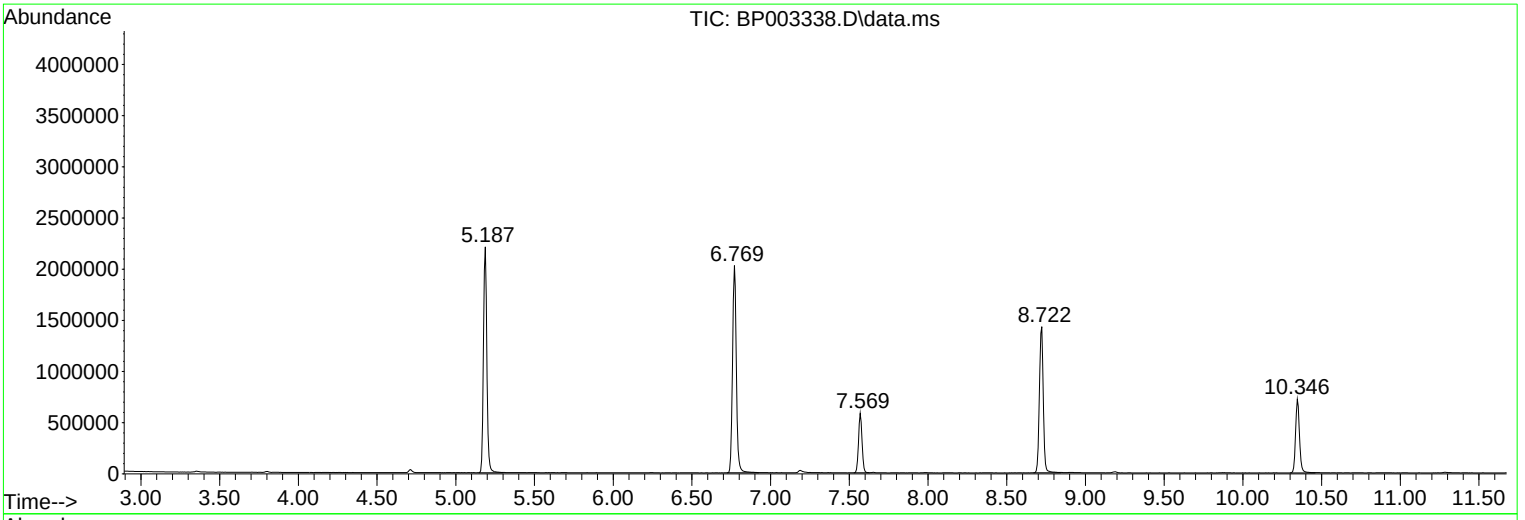
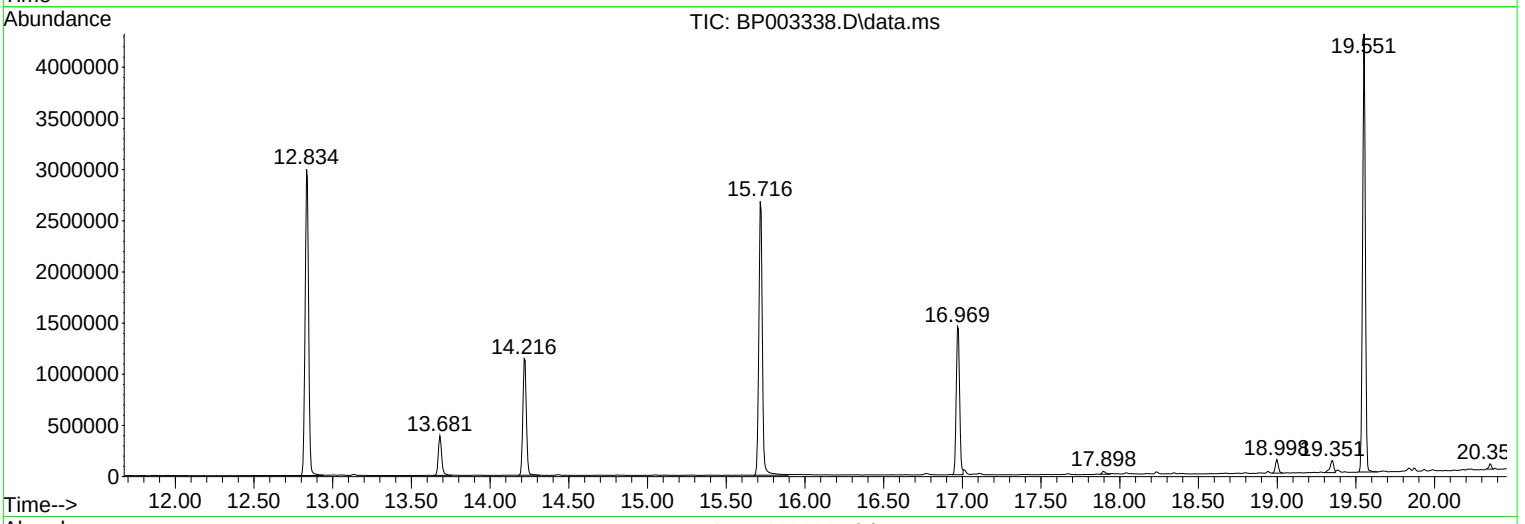
Misc :
ALS Vial : 6 Sample Multiplier: 1

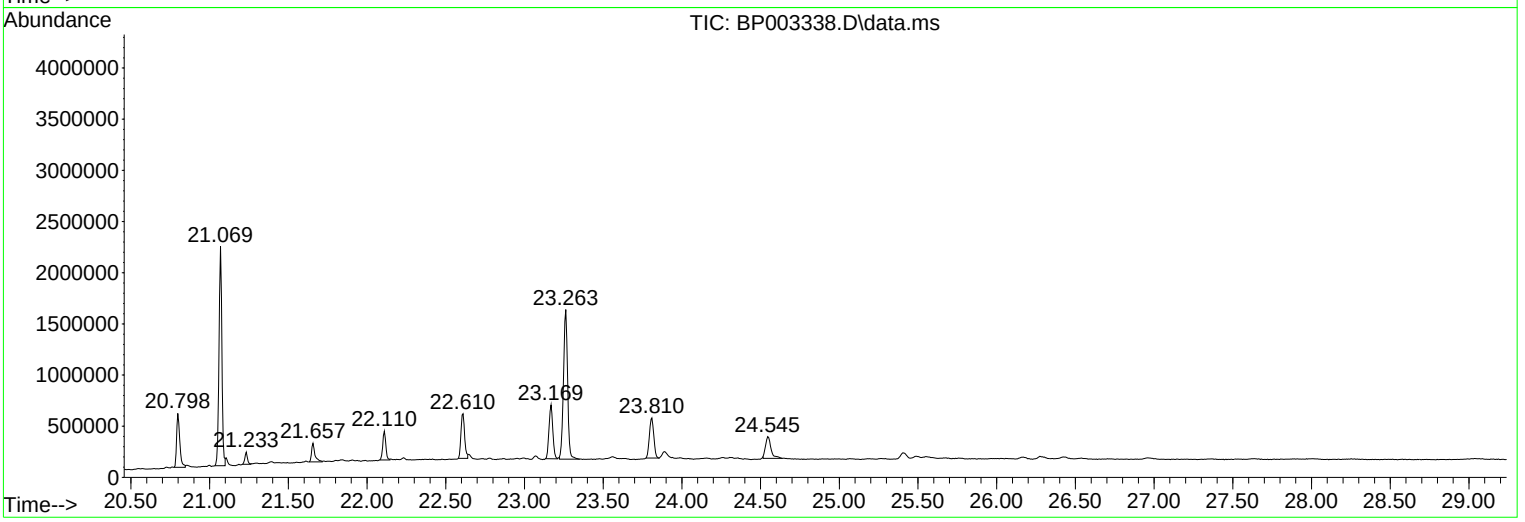
**Instrument :**
BNA_P
**ClientSampleId :**
029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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_P\Data\BP092220\
Data File : BP003338.D
Acq On : 22 Sep 2020 14:40
Operator : CG/JU
Sample : L4099-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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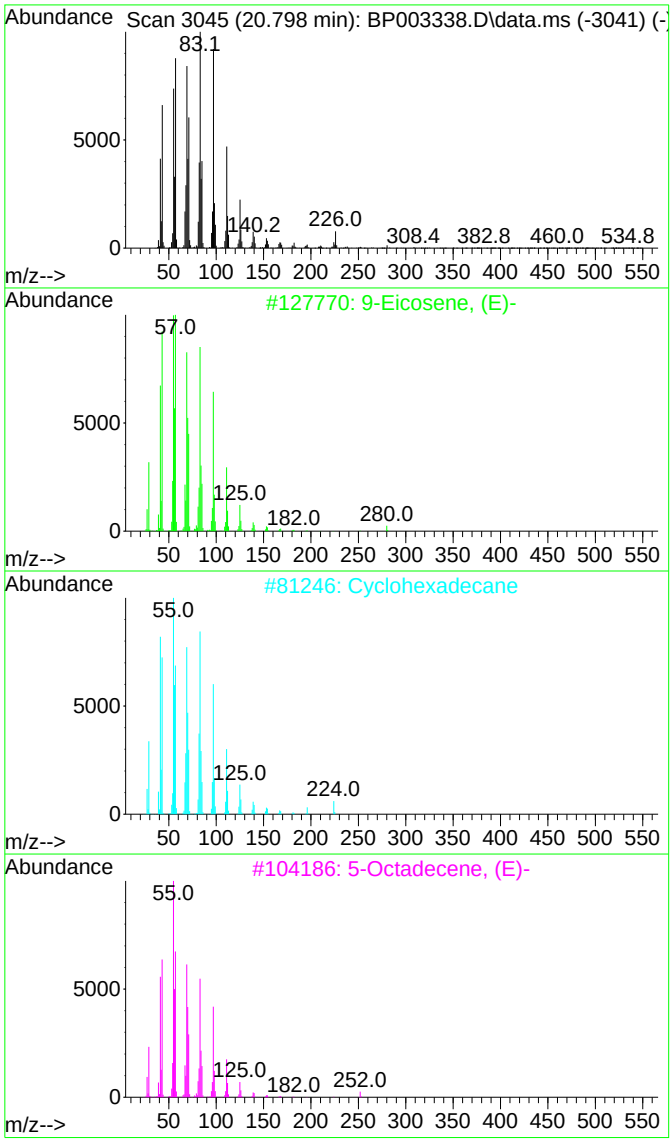
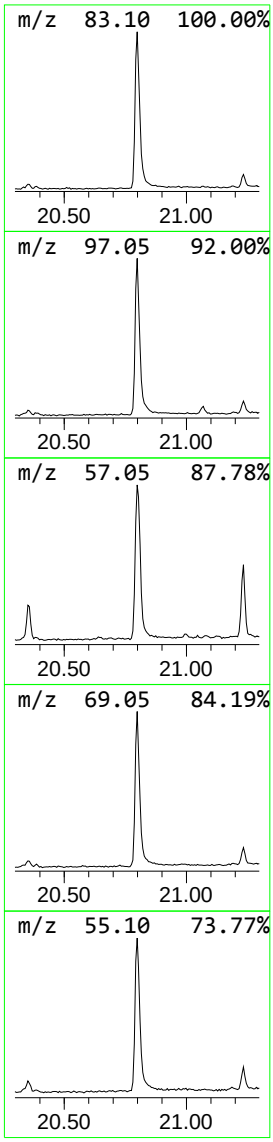
Peak Number 1 9-Eicosene, (E)- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.798 | 5.48 ng | 744539 | Chrysene-d12 | 21.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Eicosene, (E)- | 280 | C20H40 | 074685-29-3 | 94 |
| 2 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 94 |
| 3 | 5-Octadecene, (E)- | 252 | C18H36 | 007206-21-5 | 93 |
| 4 | E-14-Hexadecenal | 238 | C16H30O | 330207-53-9 | 93 |
| 5 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
Data File : BP003338.D
Acq On : 22 Sep 2020 14:40
Operator : CG/JU
Sample : L4099-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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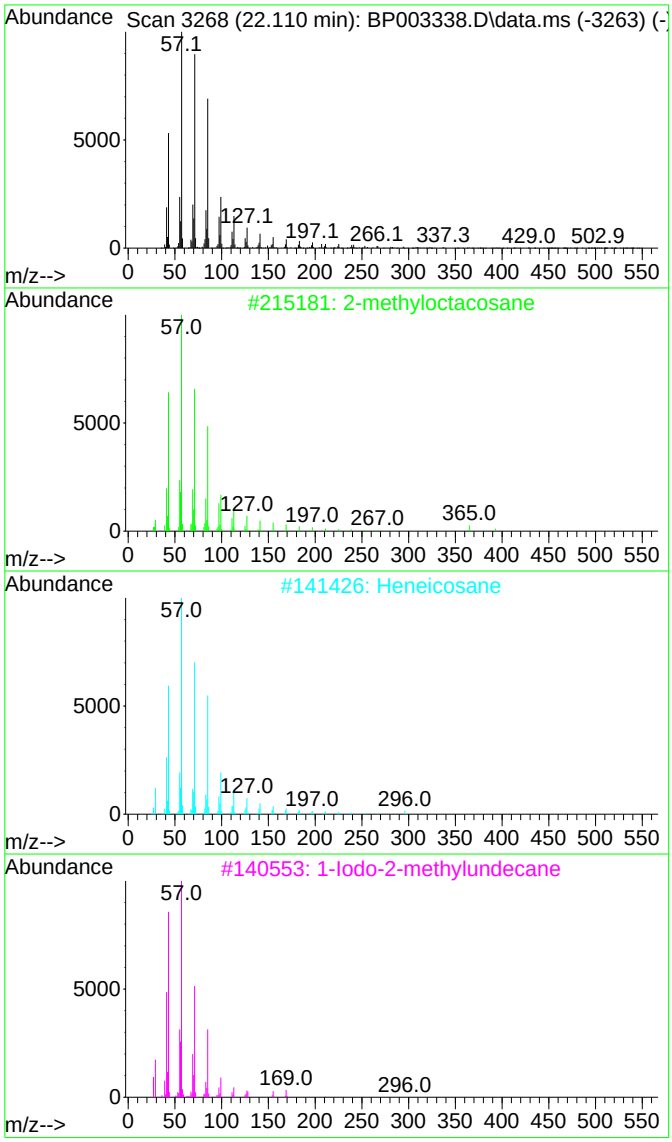
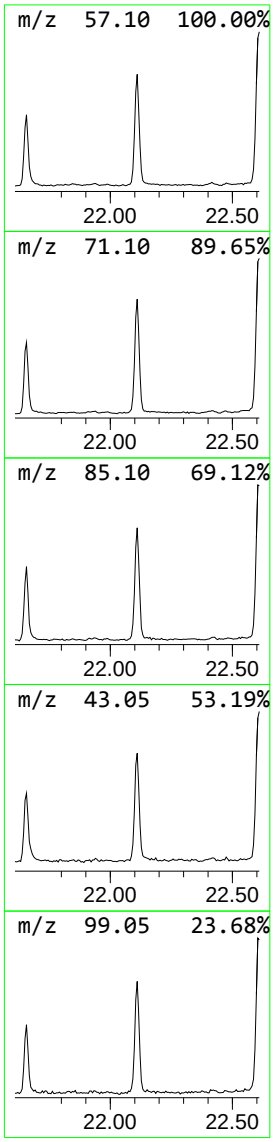
Peak Number 2 2-methyloctacosane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.110 | 2.81 ng | 381958 | Chrysene-d12 | 21.069 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 91 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 91 |
| 3 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 91 |
| 4 | 2-Bromo dodecane | 248 | C12H25Br | 013187-99-0 | 91 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
Data File : BP003338.D
Acq On : 22 Sep 2020 14:40
Operator : CG/JU
Sample : L4099-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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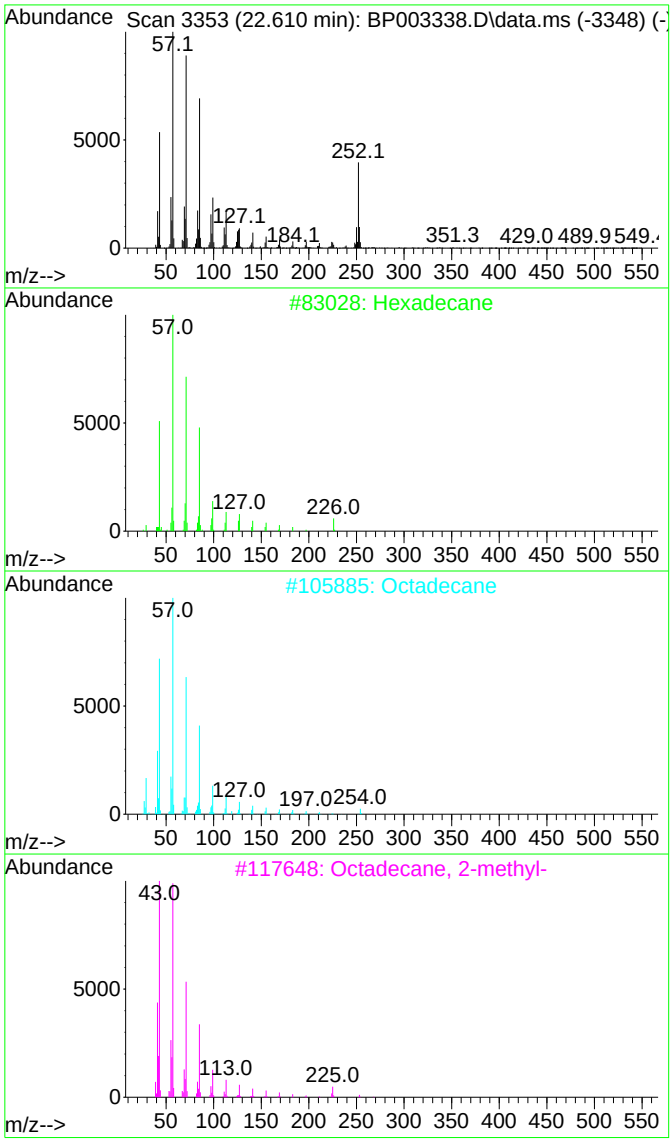
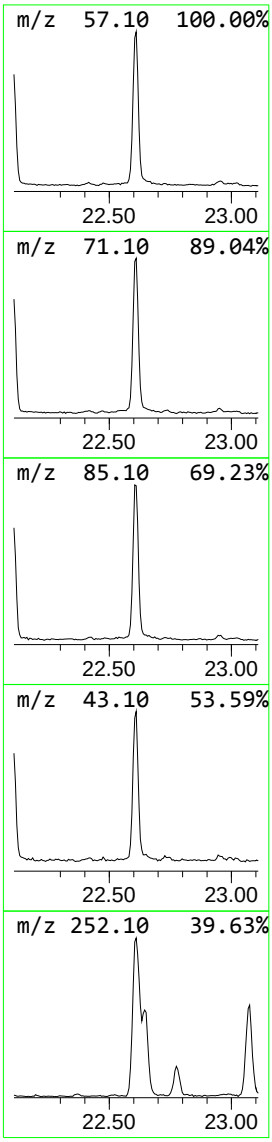
Peak Number 3 Hexadecane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.610 | 5.25 ng | 701262 | Perylene-d12 | 23.263 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 92 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 91 |
| 3 | Octadecane, 2-methyl- | 268 | C19H40 | 001560-88-9 | 86 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 83 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
Data File : BP003338.D
Acq On : 22 Sep 2020 14:40
Operator : CG/JU
Sample : L4099-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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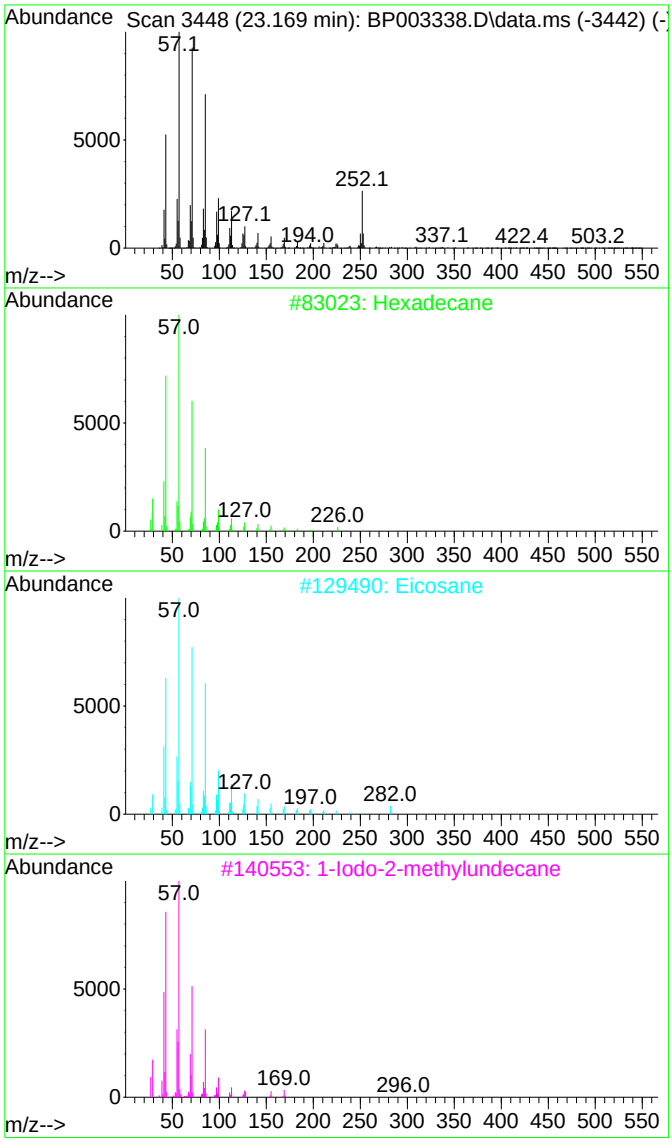
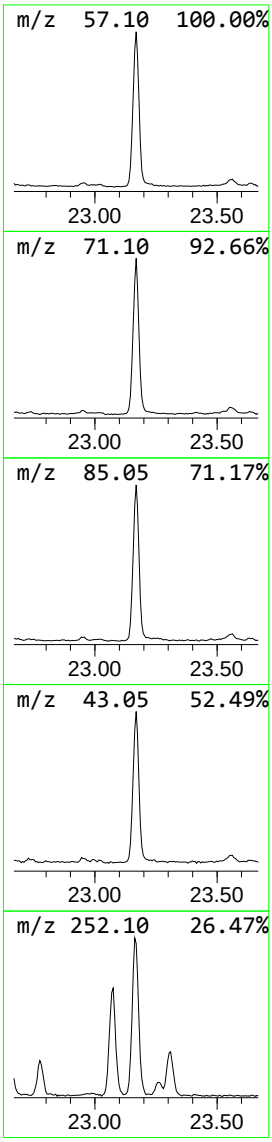
Peak Number 4 Eicosane Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.169 | 6.64 ng | 886788 | Perylene-d12 | 23.263 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 87 |
| 3 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 83 |
| 4 | 2-methylhexacosane | 380 | C27H56 | 1000376-72-7 | 83 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
Data File : BP003338.D
Acq On : 22 Sep 2020 14:40
Operator : CG/JU
Sample : L4099-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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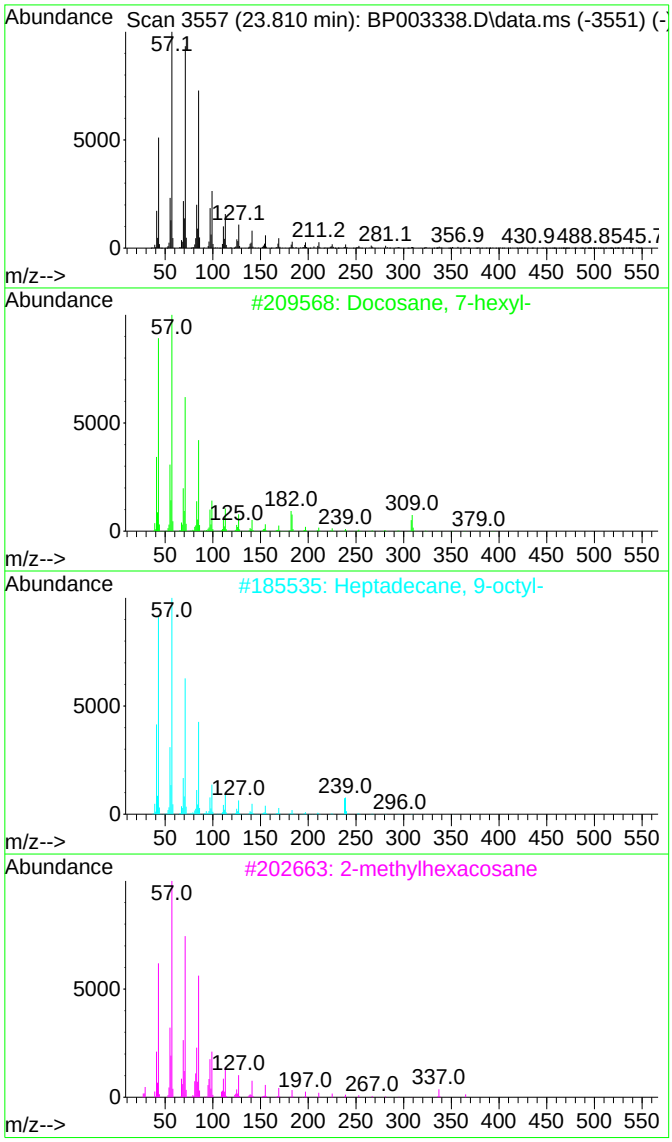
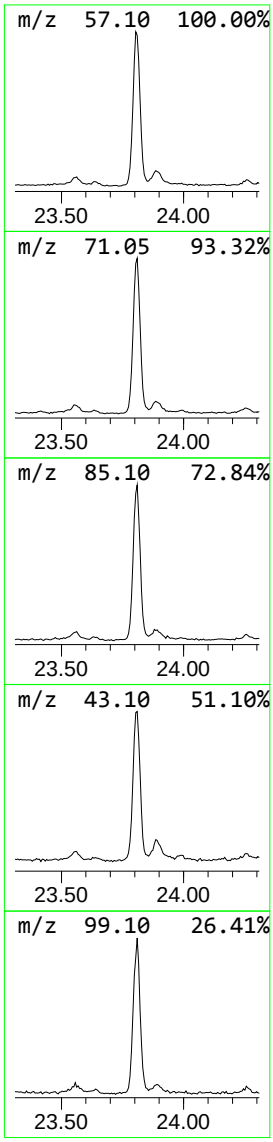
Peak Number 5 Docosane, 7-hexyl- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.810 | 5.68 ng | 758675 | Perylene-d12 | 23.263 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Docosane, 7-hexyl- | 394 | C28H58 | 055373-86-9 | 93 |
| 2 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 93 |
| 3 | 2-methylhexacosane | 380 | C27H56 | 1000376-72-7 | 91 |
| 4 | Heneicosane, 11-decyl- | 437 | C31H64 | 055320-06-4 | 89 |
| 5 | Triacontane | 422 | C30H62 | 000638-68-6 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
Data File : BP003338.D
Acq On : 22 Sep 2020 14:40
Operator : CG/JU
Sample : L4099-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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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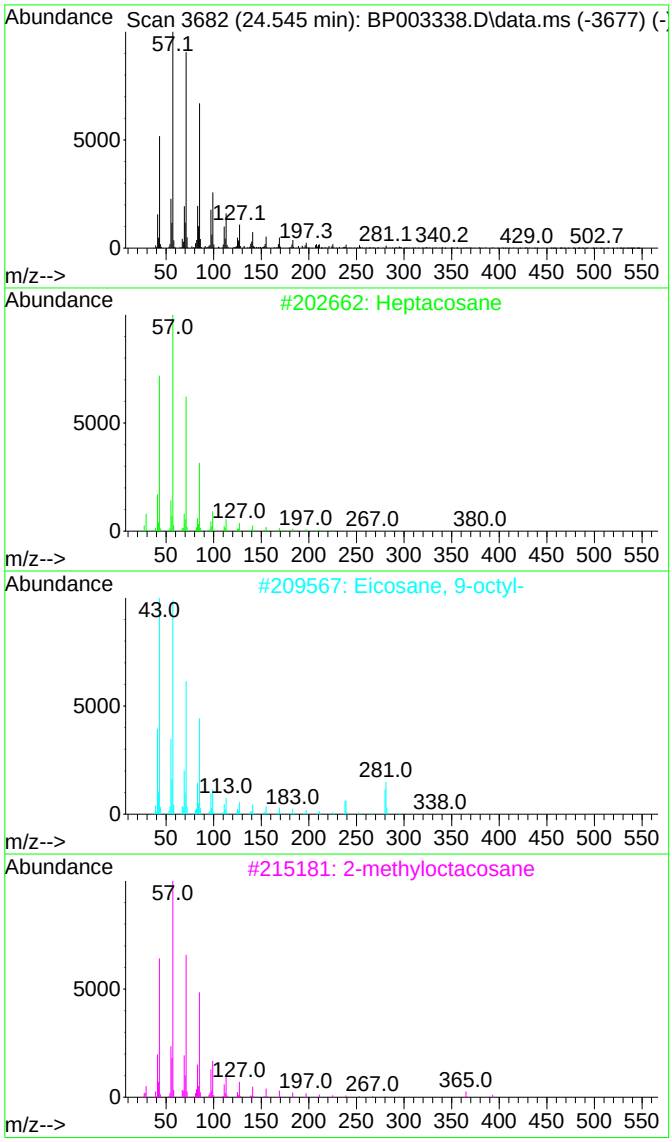
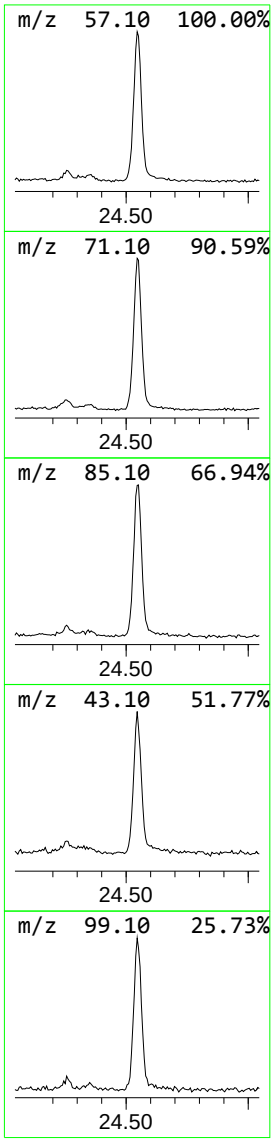
Peak Number 6 Heptacosane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.545 | 3.76 ng | 502340 | Perylene-d12 | 23.263 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptacosane | 380 | C27H56 | 000593-49-7 | 97 |
| 2 | Eicosane, 9-octyl- | 394 | C28H58 | 013475-77-9 | 94 |
| 3 | 2-methyloctacosane | 408 | C29H60 | 1000376-72-8 | 90 |
| 4 | Triacontane | 422 | C30H62 | 000638-68-6 | 90 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092220\
Data File : BP003338.D
Acq On : 22 Sep 2020 14:40
Operator : CG/JU
Sample : L4099-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.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 |
| 9-Eicosene, (E)- | 20.798 | 5.5 | ng | 744539 | 5 | 21.069 | 2718440 | 20.0 |
| 2-methyloctacosane | 22.110 | 2.8 | ng | 381958 | 5 | 21.069 | 2718440 | 20.0 |
| Hexadecane | 22.610 | 5.3 | ng | 701262 | 6 | 23.263 | 2670650 | 20.0 |
| Eicosane | 23.169 | 6.6 | ng | 886788 | 6 | 23.263 | 2670650 | 20.0 |
| Docosane, 7-hexyl- | 23.810 | 5.7 | ng | 758675 | 6 | 23.263 | 2670650 | 20.0 |
| Heptacosane | 24.545 | 3.8 | ng | 502340 | 6 | 23.263 | 2670650 | 20.0 |