LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 304EM-STOCKPILE

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-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP004050.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.923 | 3 | 6 | 23 | rVB | 2095015 | 2962446 | 39.63% | 6.757% |
| 2 | 3.076 | 26 | 32 | 43 | rBV2 | 51745 | 117834 | 1.58% | 0.269% |
| 3 | 3.170 | 43 | 48 | 53 | rBV | 122140 | 186596 | 2.50% | 0.426% |
| 4 | 4.875 | 332 | 338 | 348 | rVB | 53971 | 88253 | 1.18% | 0.201% |
| 5 | 5.264 | 397 | 404 | 412 | rBV | 243353 | 360173 | 4.82% | 0.822% |
| 6 | 5.805 | 489 | 496 | 513 | rBV | 1259339 | 1953723 | 26.13% | 4.456% |
| 7 | 7.452 | 769 | 776 | 788 | rBV | 1224263 | 2069984 | 27.69% | 4.722% |
| 8 | 8.264 | 905 | 914 | 924 | rBV | 392639 | 625903 | 8.37% | 1.428% |
| 9 | 9.428 | 1101 | 1112 | 1124 | rBV | 769350 | 1272608 | 17.02% | 2.903% |
| 10 | 11.093 | 1387 | 1395 | 1402 | rBV | 480489 | 830367 | 11.11% | 1.894% |
| 11 | 12.746 | 1666 | 1676 | 1685 | rBV2 | 74880 | 155085 | 2.07% | 0.354% |
| 12 | 13.340 | 1772 | 1777 | 1789 | rBV | 45239 | 98756 | 1.32% | 0.225% |
| 13 | 13.510 | 1799 | 1806 | 1818 | rBV | 1668914 | 2456862 | 32.86% | 5.604% |
| 14 | 14.310 | 1937 | 1942 | 1947 | rBV | 114242 | 180545 | 2.42% | 0.412% |
| 15 | 14.610 | 1987 | 1993 | 1999 | rBV | 91198 | 137597 | 1.84% | 0.314% |
| 16 | 14.887 | 2030 | 2040 | 2047 | rBV | 741863 | 1074906 | 14.38% | 2.452% |
| 17 | 16.310 | 2276 | 2282 | 2287 | rBV | 80454 | 126760 | 1.70% | 0.289% |
| 18 | 16.369 | 2287 | 2292 | 2302 | rVV | 1095197 | 1656818 | 22.16% | 3.779% |
| 19 | 16.792 | 2360 | 2364 | 2372 | rVB | 117453 | 147771 | 1.98% | 0.337% |
| 20 | 17.622 | 2498 | 2505 | 2509 | rVV | 822314 | 1364751 | 18.26% | 3.113% |
| 21 | 17.663 | 2509 | 2512 | 2520 | rVV2 | 212086 | 402132 | 5.38% | 0.917% |
| 22 | 17.751 | 2523 | 2527 | 2532 | rVB | 75232 | 98457 | 1.32% | 0.225% |
| 23 | 18.486 | 2644 | 2652 | 2667 | rBV | 3950781 | 7475734 | 100.00% | 17.052% |
| 24 | 18.645 | 2676 | 2679 | 2685 | rVB4 | 72806 | 123373 | 1.65% | 0.281% |
| 25 | 19.475 | 2817 | 2820 | 2826 | rBV2 | 112819 | 147664 | 1.98% | 0.337% |
| 26 | 19.598 | 2836 | 2841 | 2846 | rBV | 614930 | 864769 | 11.57% | 1.973% |
| 27 | 19.686 | 2850 | 2856 | 2874 | rBV | 3320803 | 6007202 | 80.36% | 13.702% |
| 28 | 19.945 | 2896 | 2900 | 2907 | rVB | 590144 | 808546 | 10.82% | 1.844% |
| 29 | 20.116 | 2924 | 2929 | 2934 | rVB | 2452754 | 2923030 | 39.10% | 6.667% |
| 30 | 20.386 | 2970 | 2975 | 2978 | rBV3 | 180991 | 312711 | 4.18% | 0.713% |
| 31 | 20.710 | 3028 | 3030 | 3033 | rBV | 95944 | 86269 | 1.15% | 0.197% |
| 32 | 20.751 | 3034 | 3037 | 3040 | rVB | 118097 | 125474 | 1.68% | 0.286% |
| 33 | 21.310 | 3128 | 3132 | 3140 | rVB3 | 556261 | 941611 | 12.60% | 2.148% |
| 34 | 21.375 | 3141 | 3143 | 3147 | rVB2 | 155263 | 173208 | 2.32% | 0.395% |
| 35 | 21.651 | 3184 | 3190 | 3194 | rBV2 | 952172 | 1725425 | 23.08% | 3.936% |
| 36 | 21.692 | 3194 | 3197 | 3201 | rVB | 325548 | 408170 | 5.46% | 0.931% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 304EM-STOCKPILE

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-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 22.210 | 3281 | 3285 | 3287 | rBV | 299104 | 354371 | 4.74% | 0.808% |
| 38 | 22.245 | 3287 | 3291 | 3298 | rVB2 | 299232 | 584225 | 7.81% | 1.333% |
| 39 | 22.957 | 3409 | 3412 | 3417 | rVB | 255436 | 375289 | 5.02% | 0.856% |
| 40 | 23.263 | 3460 | 3464 | 3469 | rVB | 380562 | 571339 | 7.64% | 1.303% |
| 41 | 24.010 | 3588 | 3591 | 3597 | rVB | 250725 | 397910 | 5.32% | 0.908% |
| 42 | 24.121 | 3605 | 3610 | 3616 | rVB2 | 586694 | 1066545 | 14.27% | 2.433% |

Sum of corrected areas: 43841192

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
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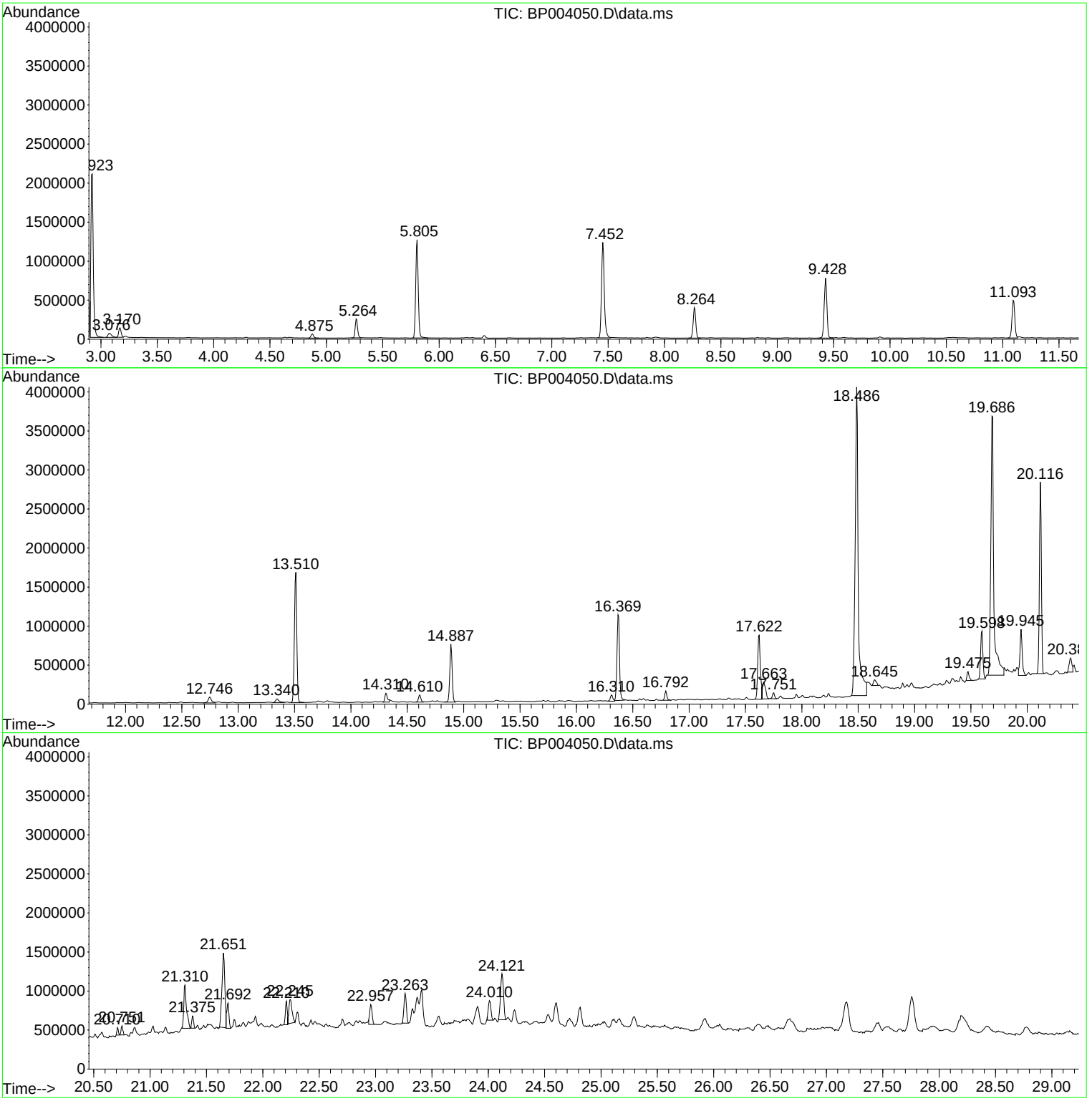
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
304EM-STOCKPILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.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\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
304EM-STOCKPILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.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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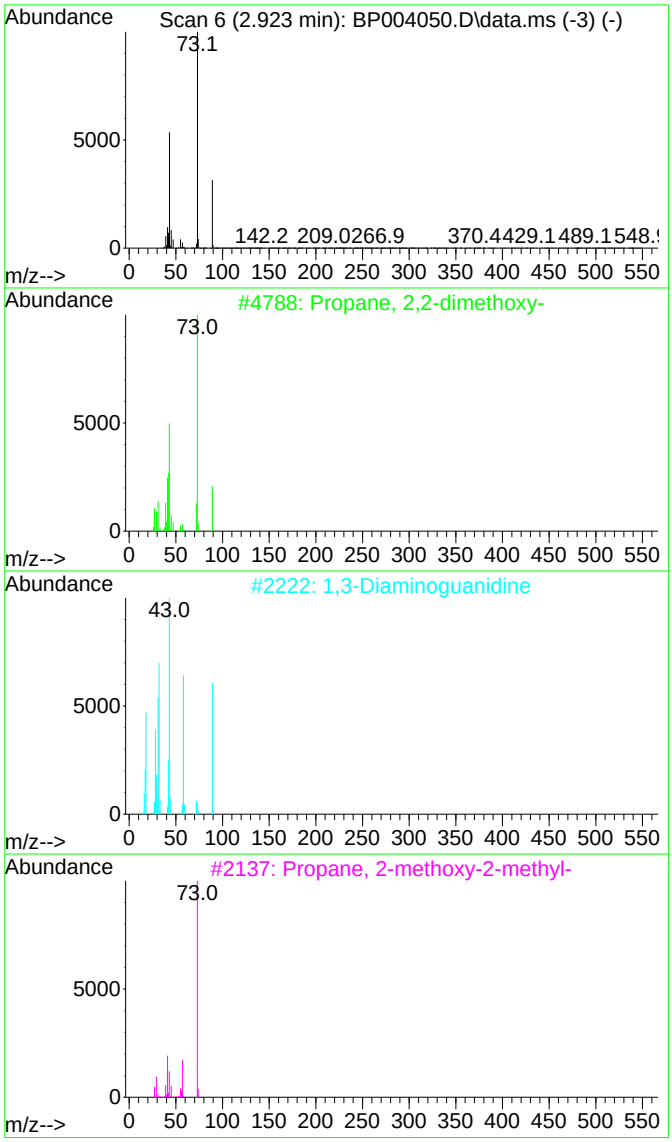
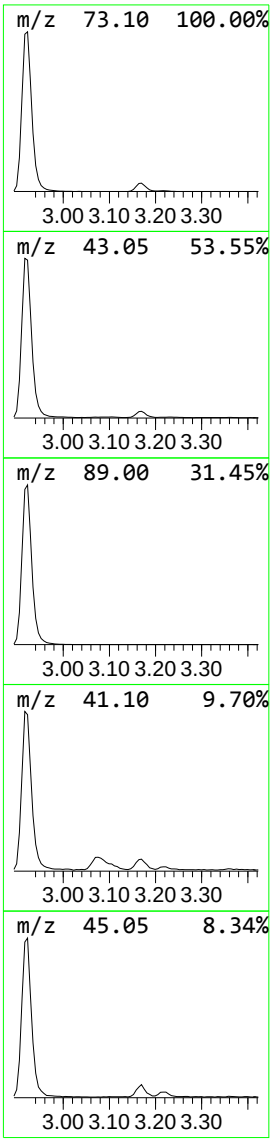
Peak Number 1 unknown2.923 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 2.923 | 94.66 ng | 2962450 | 1,4-Dichlorobenzene-d4 | 8.264 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propane, 2,2-dimethoxy- | 104 | C5H12O2 | 000077-76-9 | 38 |
| 2 | 1,3-Diaminoguanidine | 89 | CH7N5 | 004364-78-7 | 9 |
| 3 | Propane, 2-methoxy-2-methyl- | 88 | C5H12O | 001634-04-4 | 9 |
| 4 | 1-Hexen-4-ol, 1-chloro-3,5-dimet... | 162 | C8H15ClO | 100244-09-5 | 9 |
| 5 | 2-Hydroxy-2-methylbutyric acid | 118 | C5H10O3 | 003739-30-8 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
304EM-STOCKPILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.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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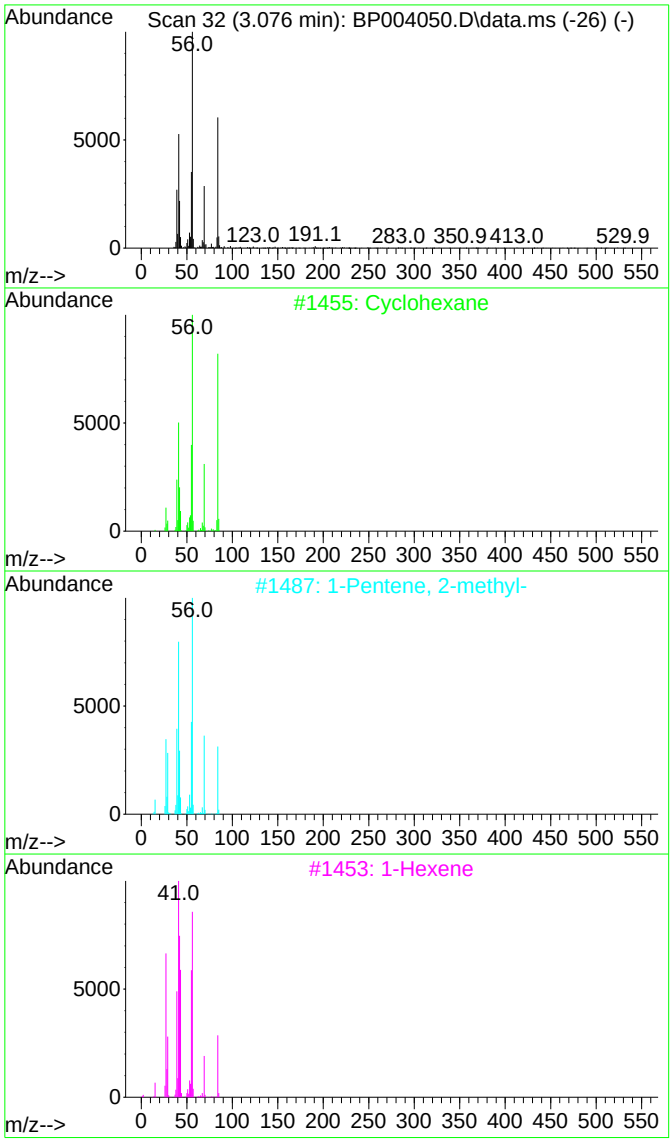
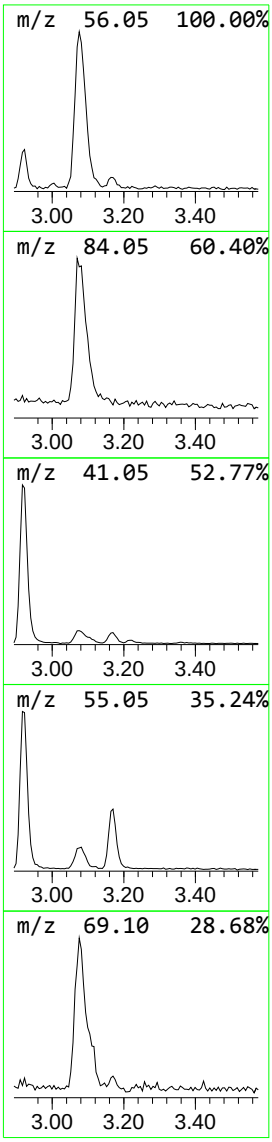
Peak Number 2 Cyclohexane Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.076 | 3.77 ng | 117834 | 1,4-Dichlorobenzene-d4 | 8.264 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane | 84 | C6H12 | 000110-82-7 | 93 |
| 2 | 1-Pentene, 2-methyl- | 84 | C6H12 | 000763-29-1 | 72 |
| 3 | 1-Hexene | 84 | C6H12 | 000592-41-6 | 53 |
| 4 | 1-Hexene, 5-methyl- | 98 | C7H14 | 003524-73-0 | 47 |
| 5 | Cyclopentane, methyl- | 84 | C6H12 | 000096-37-7 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
304EM-STOCKPILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

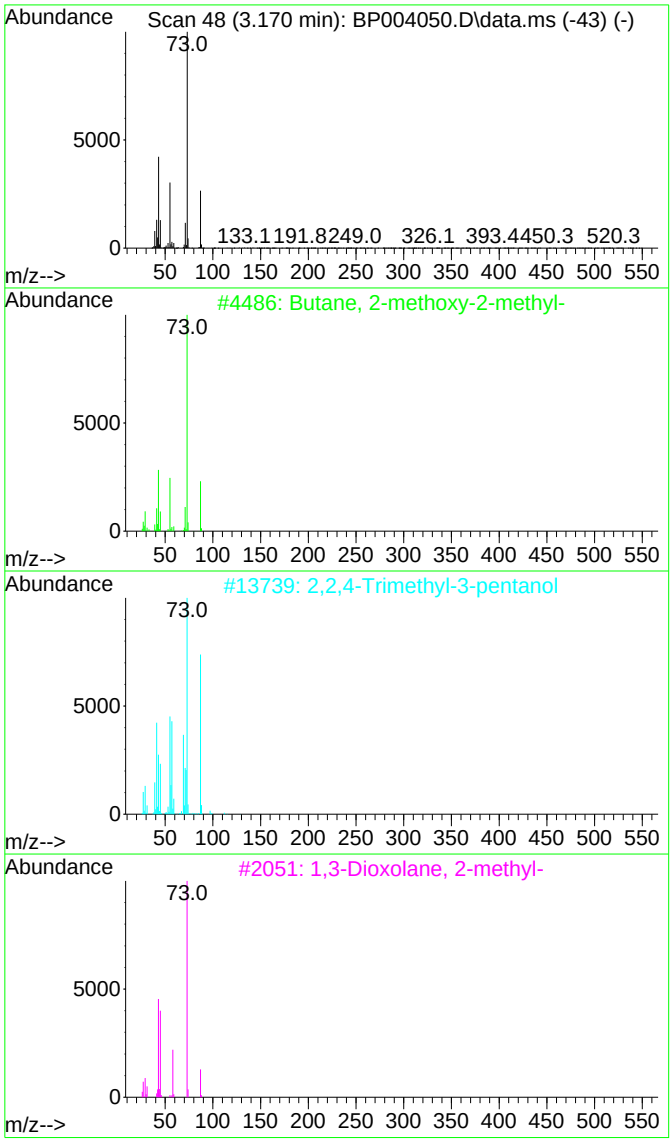
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

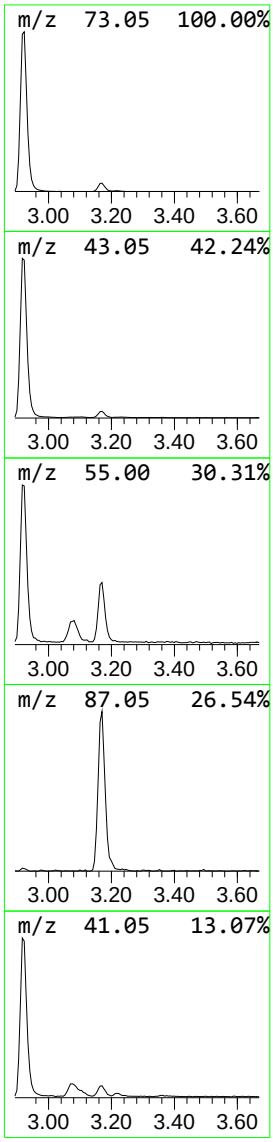
**********

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.170 | 5.96 ng | 186596 | 1,4-Dichlorobenzene-d4 | 8.264 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 3 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 32 |
| 4 | 3-Pentanol, 2,4-dimethyl- | 116 | C7H16O | 000600-36-2 | 23 |
| 5 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
304EM-STOCKPILE

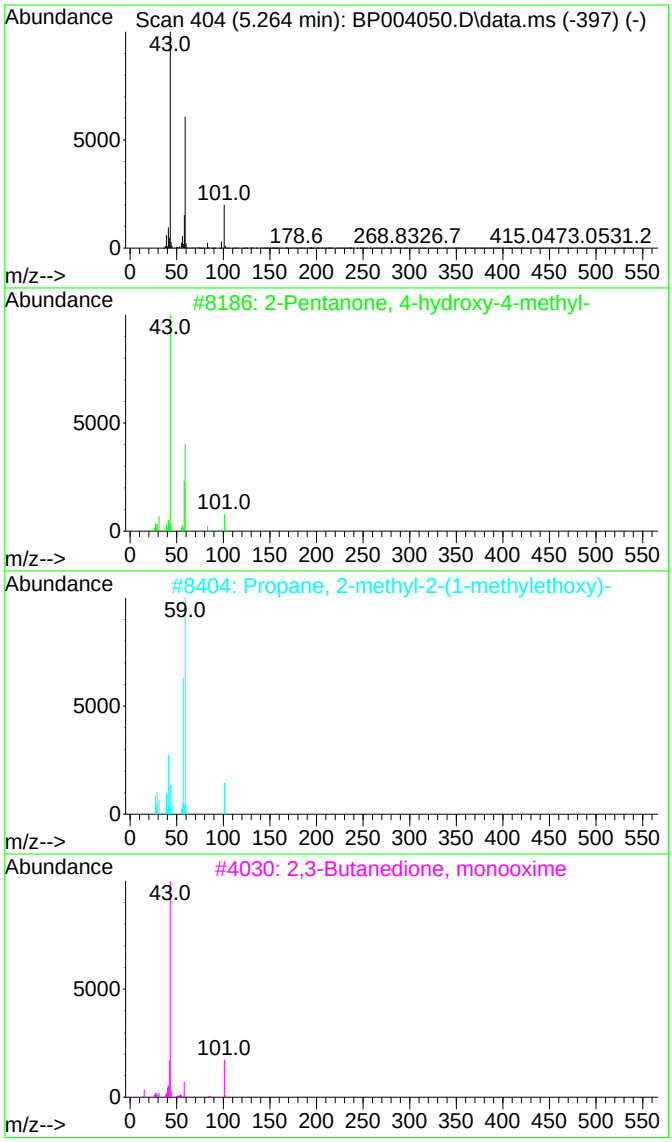
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

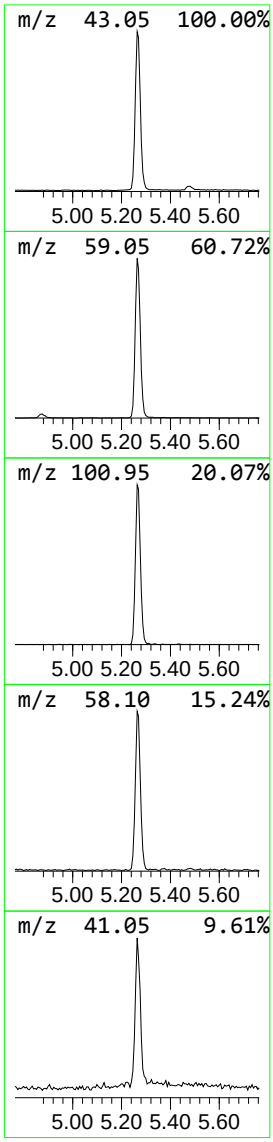
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.264 | 11.51 ng | 360173 | 1,4-Dichlorobenzene-d4 | 8.264 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 56 |
| 2 | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O | 017348-59-3 | 53 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 35 |
| 4 | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23 |
| 5 | Morpholine, 4-methyl- | 101 | C5H11NO | 000109-02-4 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
304EM-STOCKPILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

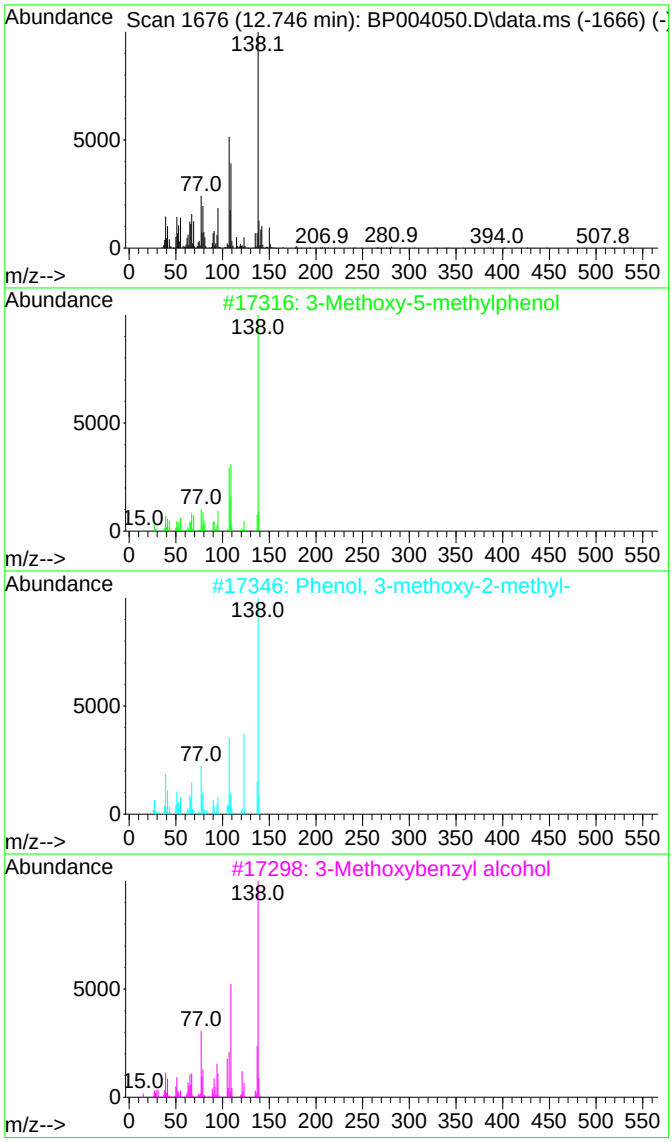
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

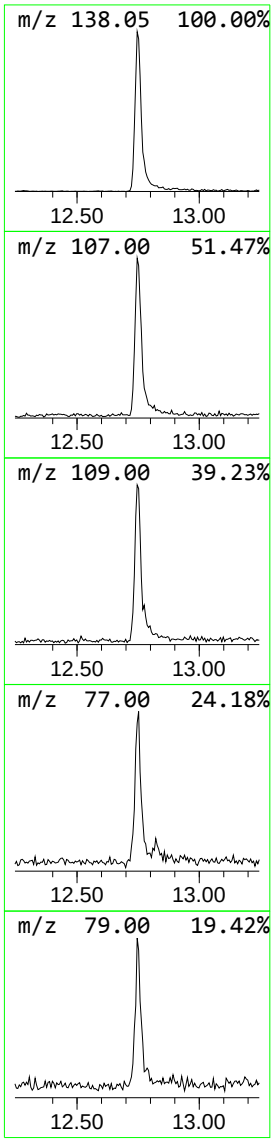
**********

Peak Number 6 3-Methoxy-5-methylphenol Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.746 | 3.74 ng | 155085 | Naphthalene-d8 | 11.093 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Methoxy-5-methylphenol | 138 | C8H10O2 | 003209-13-0 | 89 |
| 2 | Phenol, 3-methoxy-2-methyl- | 138 | C8H10O2 | 006971-52-4 | 58 |
| 3 | 3-Methoxybenzyl alcohol | 138 | C8H10O2 | 006971-51-3 | 50 |
| 4 | Benzeneethanol, 2-hydroxy- | 138 | C8H10O2 | 007768-28-7 | 50 |
| 5 | Benzenemethanol, 4-methoxy- | 138 | C8H10O2 | 000105-13-5 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
304EM-STOCKPILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.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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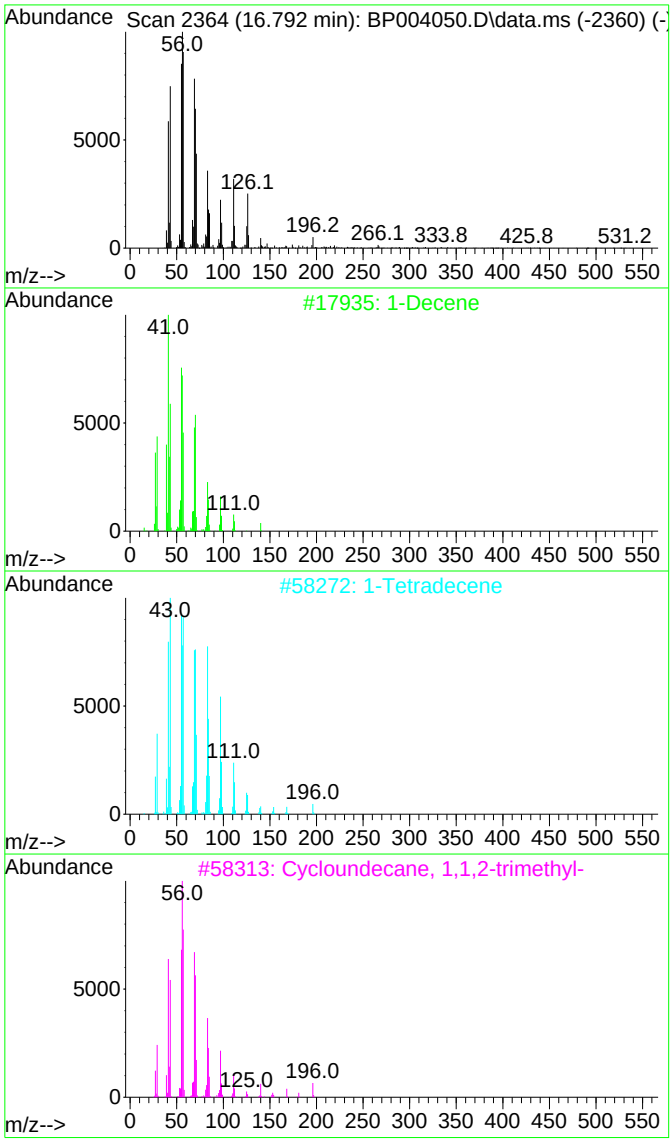
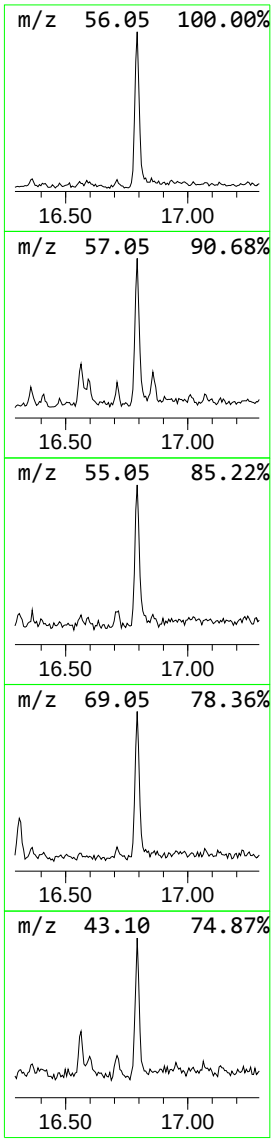
Peak Number 7 1-Decene Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.793 | 2.17 ng | 147771 | Phenanthrene-d10 | 17.616 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Decene | 140 | C10H20 | 000872-05-9 | 70 |
| 2 | 1-Tetradecene | 196 | C14H28 | 001120-36-1 | 70 |
| 3 | Cycloundecane, 1,1,2-trimethyl- | 196 | C14H28 | 062376-15-2 | 68 |
| 4 | 6-Tridecene, 7-methyl- | 196 | C14H28 | 024949-42-6 | 60 |
| 5 | 1-Octene, 7-methyl- | 126 | C9H18 | 013151-06-9 | 58 |



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Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

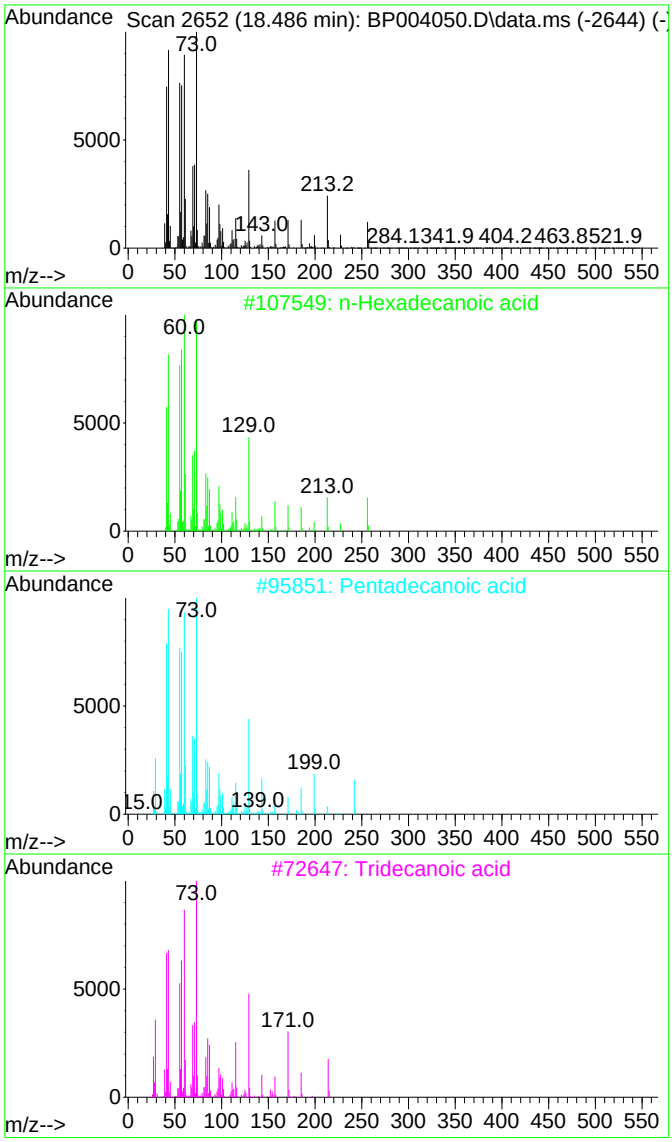
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

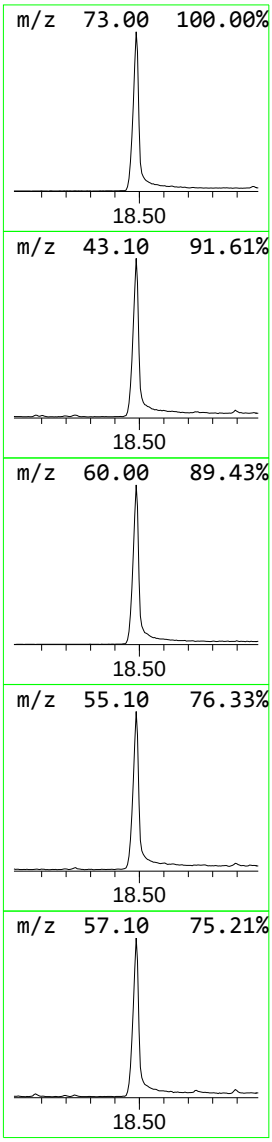
**********

Peak Number 8 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.486 | 109.56 ng | 7475730 | Phenanthrene-d10 | 17.616 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 93 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 64 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
304EM-STOCKPILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

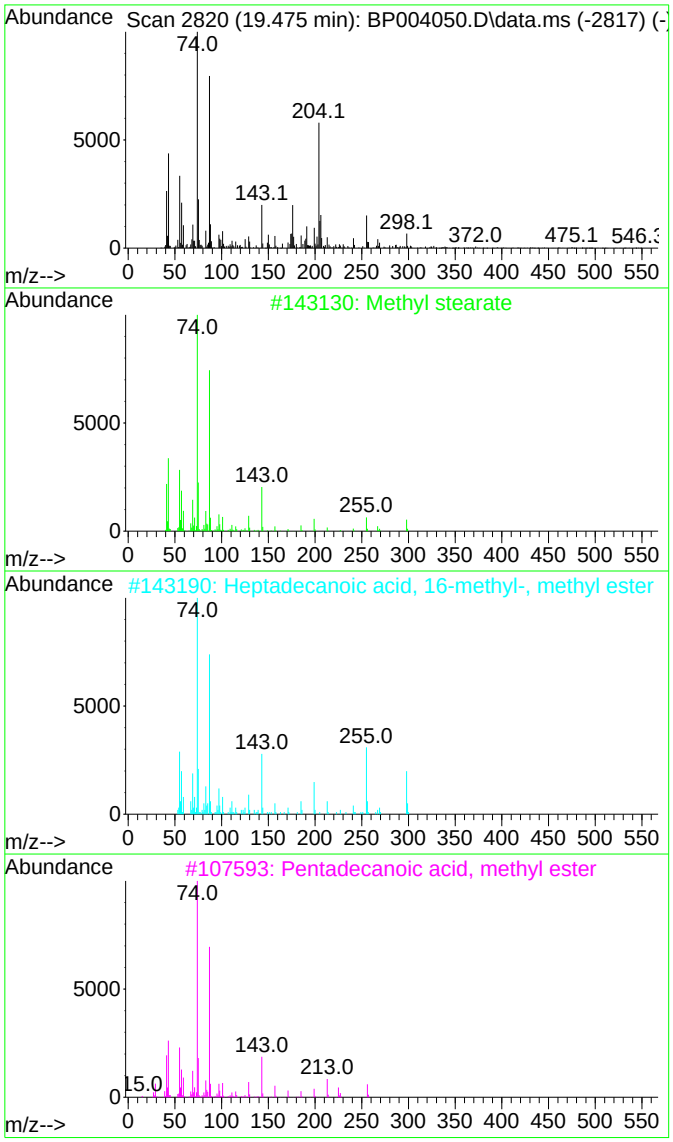
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

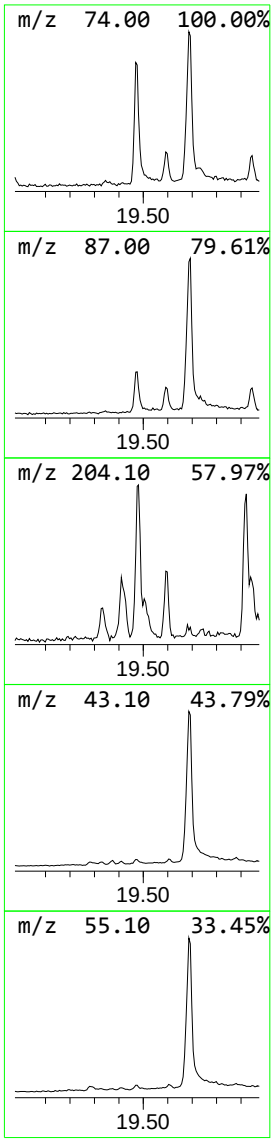
**********

Peak Number 9 Methyl stearate Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.475 | 2.16 ng | 147664 | Phenanthrene-d10 | 17.616 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl stearate | 298 | C19H38O2 | 000112-61-8 | 83 |
| 2 | Heptadecanoic acid, 16-methyl-, ... | 298 | C19H38O2 | 005129-61-3 | 70 |
| 3 | Pentadecanoic acid, methyl ester | 256 | C16H32O2 | 007132-64-1 | 64 |
| 4 | Methyl tetradecanoate | 242 | C15H30O2 | 000124-10-7 | 64 |
| 5 | Hexadecanoic acid, methyl ester | 270 | C17H34O2 | 000112-39-0 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
304EM-STOCKPILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

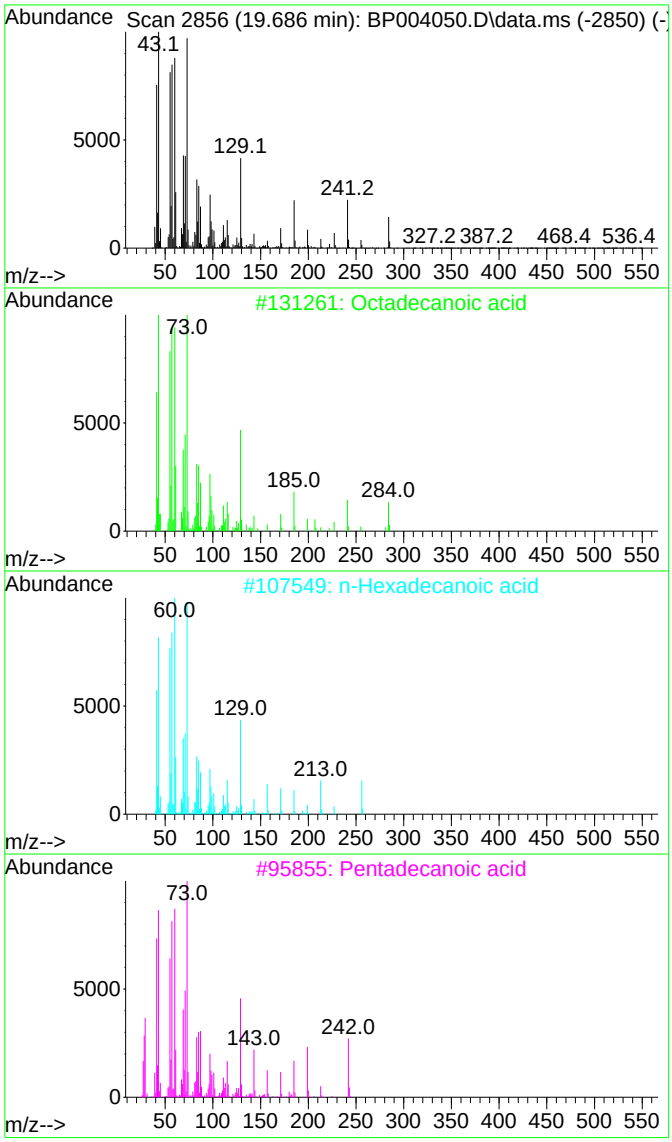
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

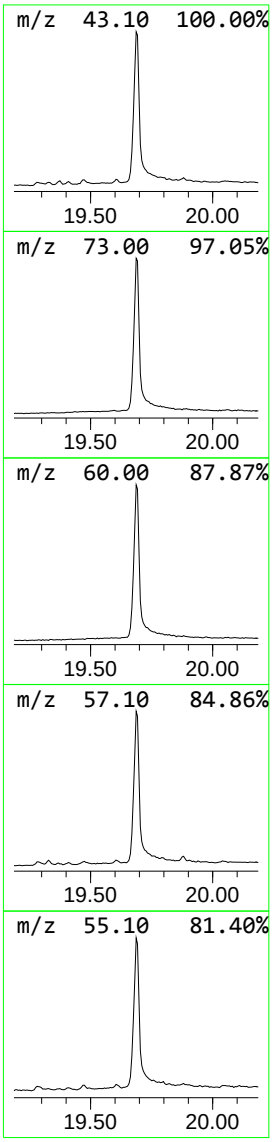
**********

Peak Number 10 Octadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.686 | 69.63 ng | 6007200 | Chrysene-d12 | 21.651 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 89 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 83 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
304EM-STOCKPILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

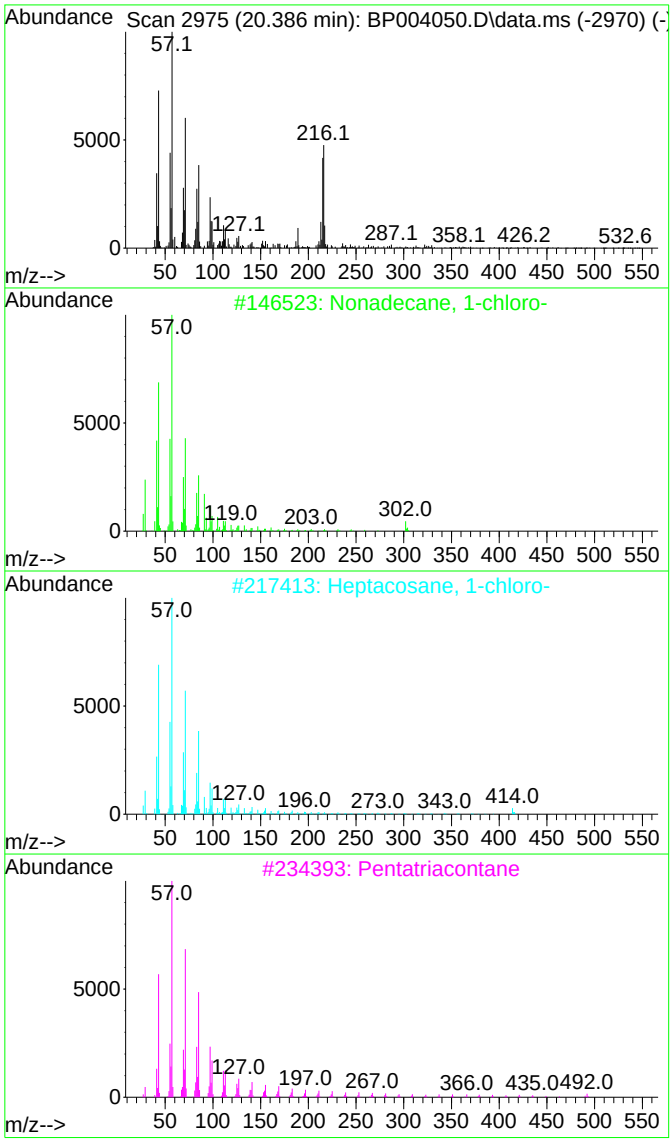
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

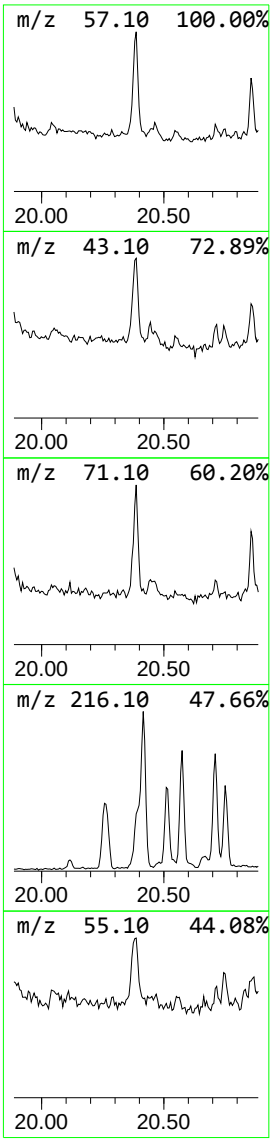
**********

Peak Number 11 Nonadecane, 1-chloro- Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.386 | 3.62 ng | 312711 | Chrysene-d12 | 21.651 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane, 1-chloro- | 302 | C19H39Cl | 062016-76-6 | 89 |
| 2 | Heptacosane, 1-chloro- | 414 | C27H55Cl | 062016-79-9 | 46 |
| 3 | Pentatriacontane | 493 | C35H72 | 000630-07-9 | 46 |
| 4 | 1-Octadecanesulphonyl chloride | 352 | C18H37ClO2S | 1000342-70-4 | 41 |
| 5 | Tricosane | 324 | C23H48 | 000638-67-5 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
304EM-STOCKPILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

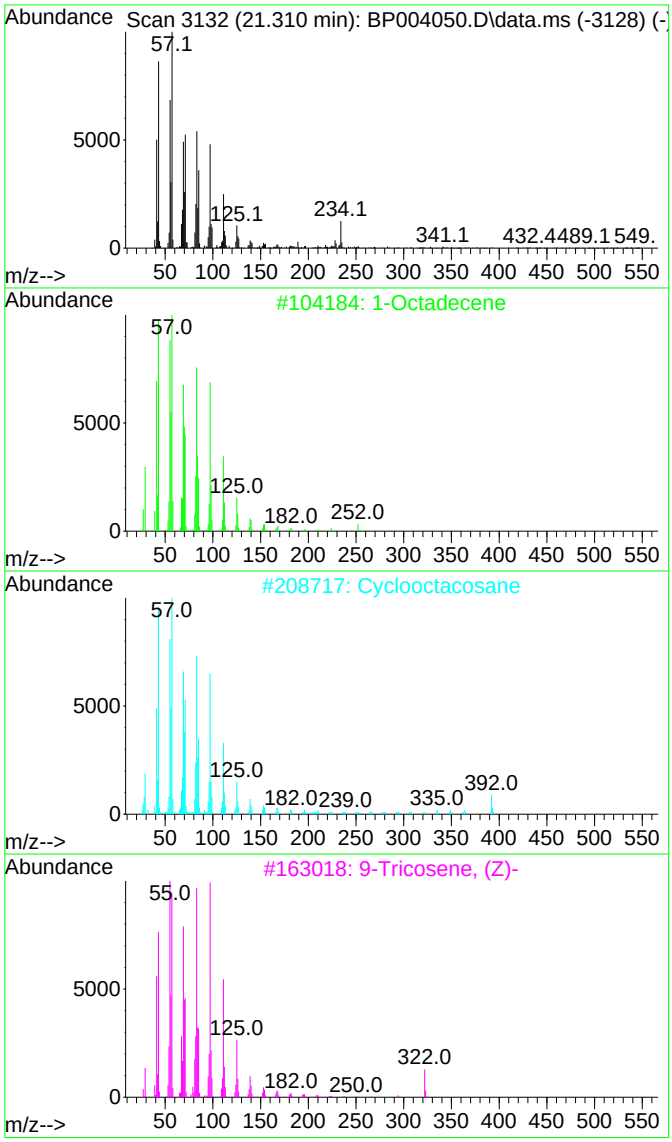
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

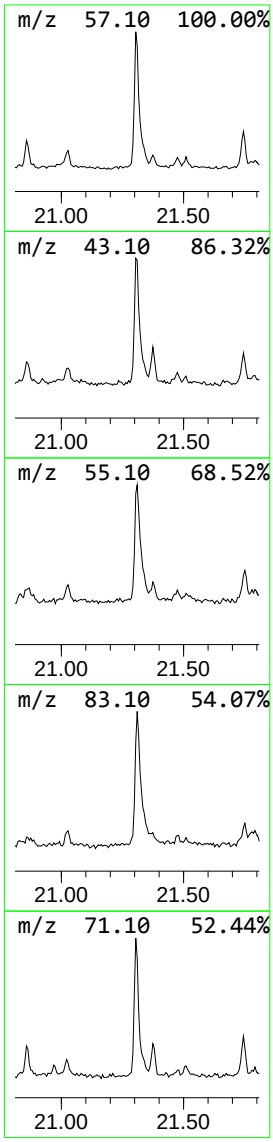
**********

Peak Number 12 1-Octadecene Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.310 | 10.91 ng | 941611 | Chrysene-d12 | 21.651 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 95 |
| 2 | Cyclooctacosane | 392 | C28H56 | 000297-24-5 | 94 |
| 3 | 9-Tricosene, (Z)- | 322 | C23H46 | 027519-02-4 | 93 |
| 4 | 1-Triacontanol | 438 | C30H62O | 000593-50-0 | 93 |
| 5 | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
304EM-STOCKPILE

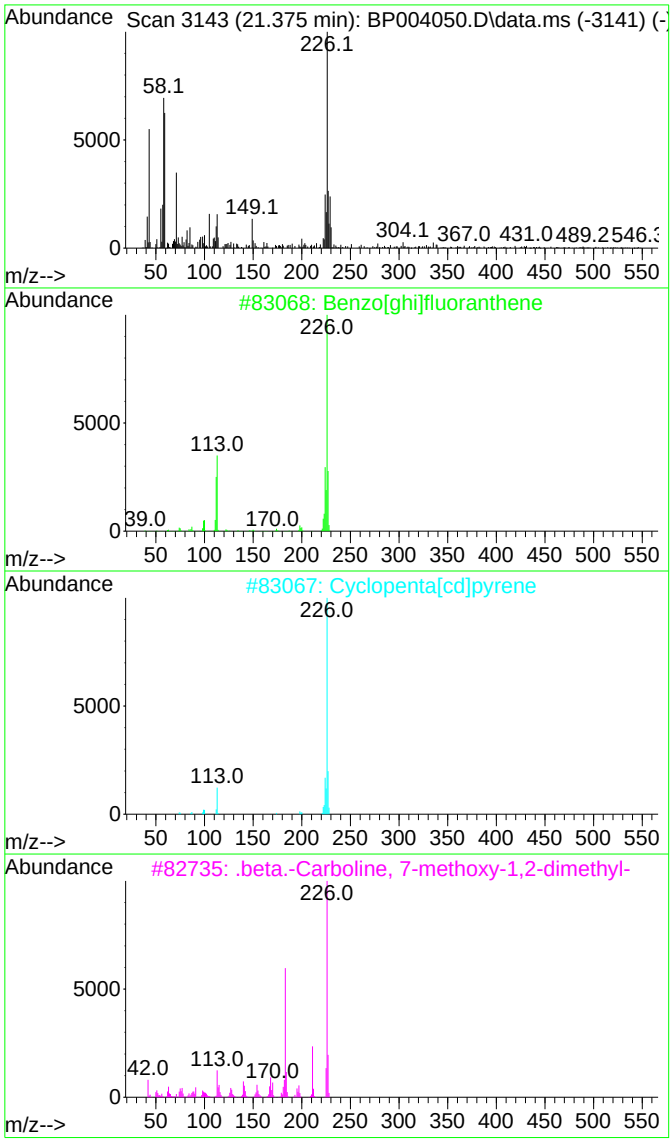
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

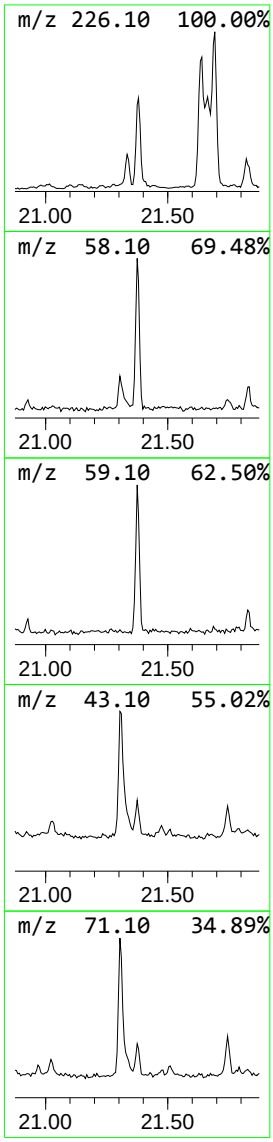
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzo[ghi]fluoranthene Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.375 | 2.01 ng | 173208 | Chrysene-d12 | 21.651 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[ghi]fluoranthene | 226 | C18H10 | 000203-12-3 | 53 |
| 2 | Cyclopenta[cd]pyrene | 226 | C18H10 | 027208-37-3 | 53 |
| 3 | .beta.-Carboline, 7-methoxy-1,2-... | 226 | C14H14N2O | 006519-18-2 | 27 |
| 4 | Benzene, [4-(3-ethynylphenyl)-1,... | 226 | C18H10 | 1000115-87-3 | 25 |
| 5 | 6-Methyl-4-phenyl-3-cyanopyridin... | 226 | C13H10N2S | 078564-23-5 | 16 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
304EM-STOCKPILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

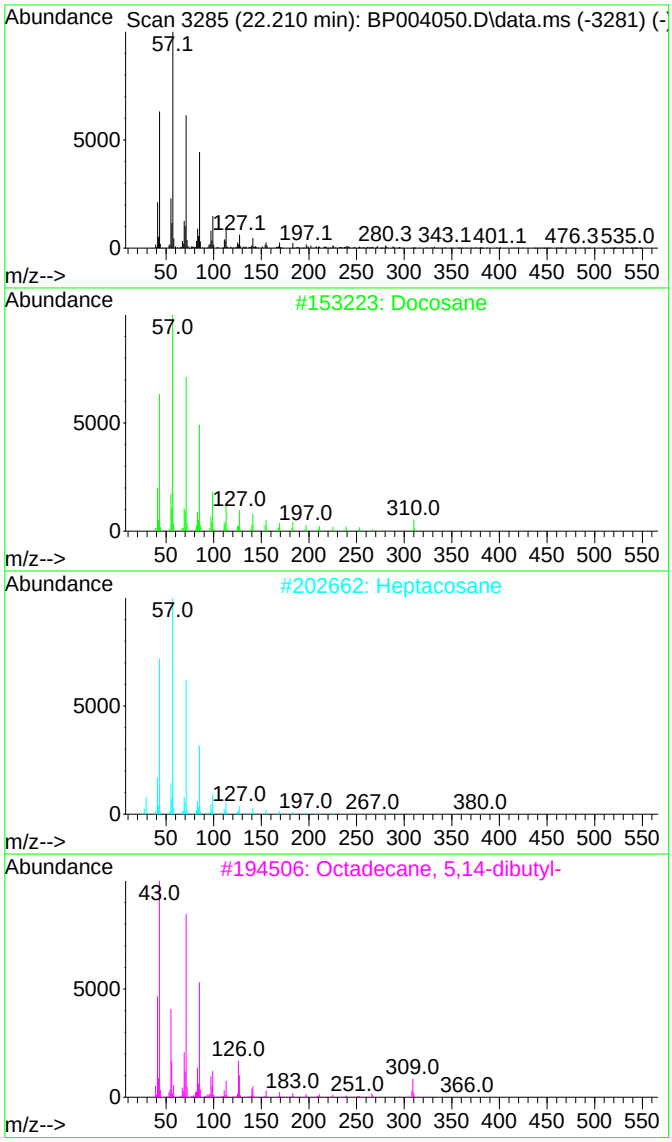
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

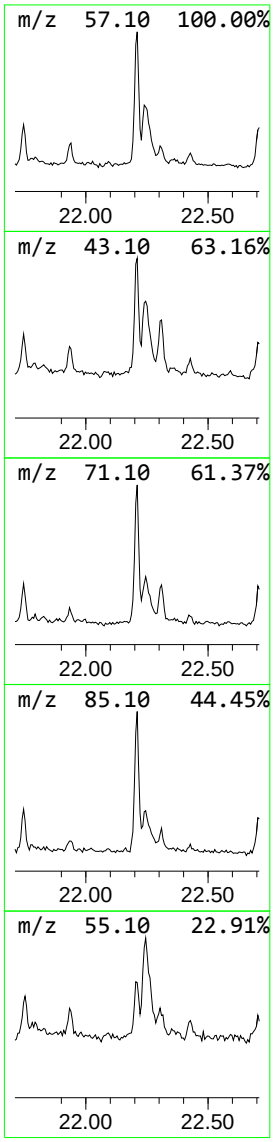
**********

Peak Number 14 Docosane Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.210 | 4.11 ng | 354371 | Chrysene-d12 | 21.651 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Docosane | 310 | C22H46 | 000629-97-0 | 98 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 97 |
| 3 | Octadecane, 5,14-dibutyl- | 366 | C26H54 | 055282-13-8 | 94 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 93 |
| 5 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
304EM-STOCKPILE

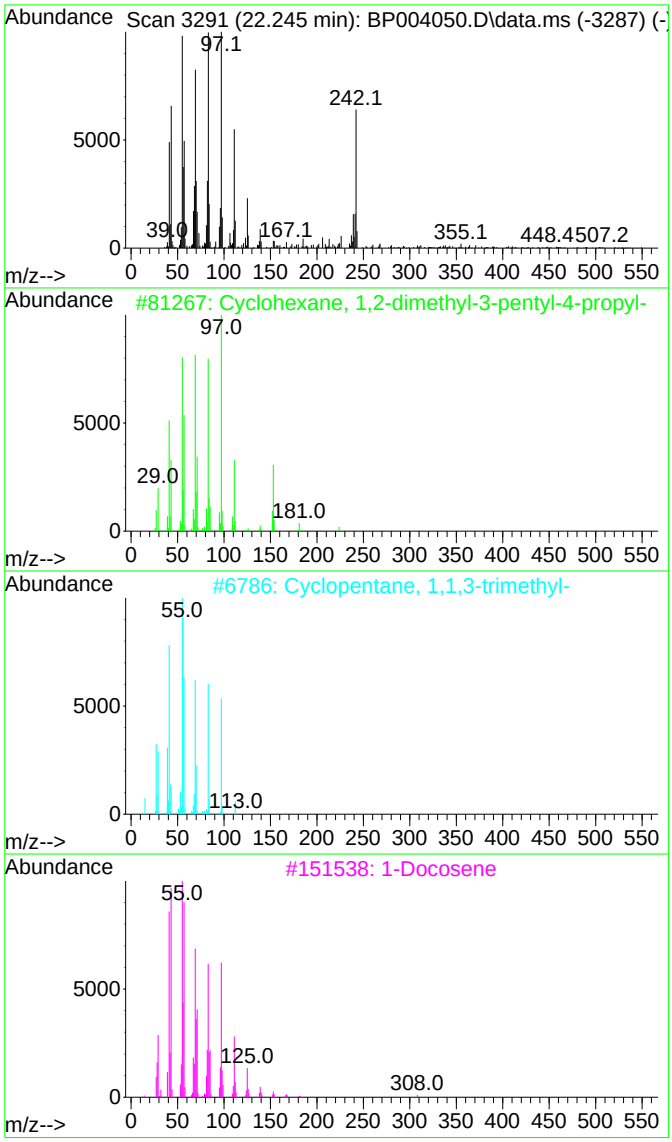
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

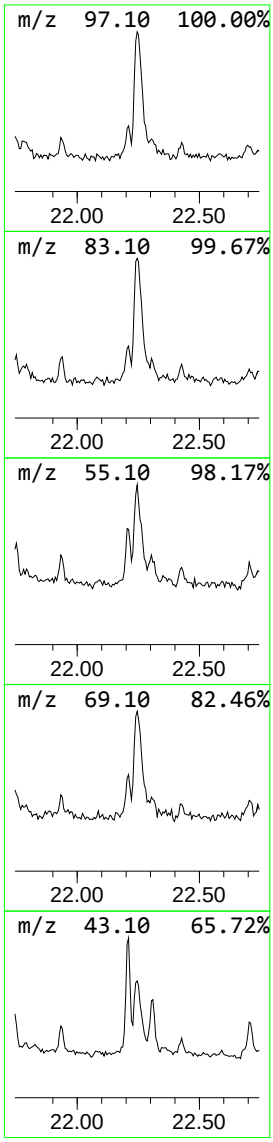
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Cyclohexane, 1,2-dimethyl-3... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.245 | 6.77 ng | 584225 | Chrysene-d12 | 21.651 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2-dimethyl-3-pent... | 224 | C16H32 | 062376-17-4 | 68 |
| 2 | Cyclopentane, 1,1,3-trimethyl- | 112 | C8H16 | 004516-69-2 | 58 |
| 3 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 49 |
| 4 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 43 |
| 5 | Cyclotetracosane | 336 | C24H48 | 000297-03-0 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
304EM-STOCKPILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.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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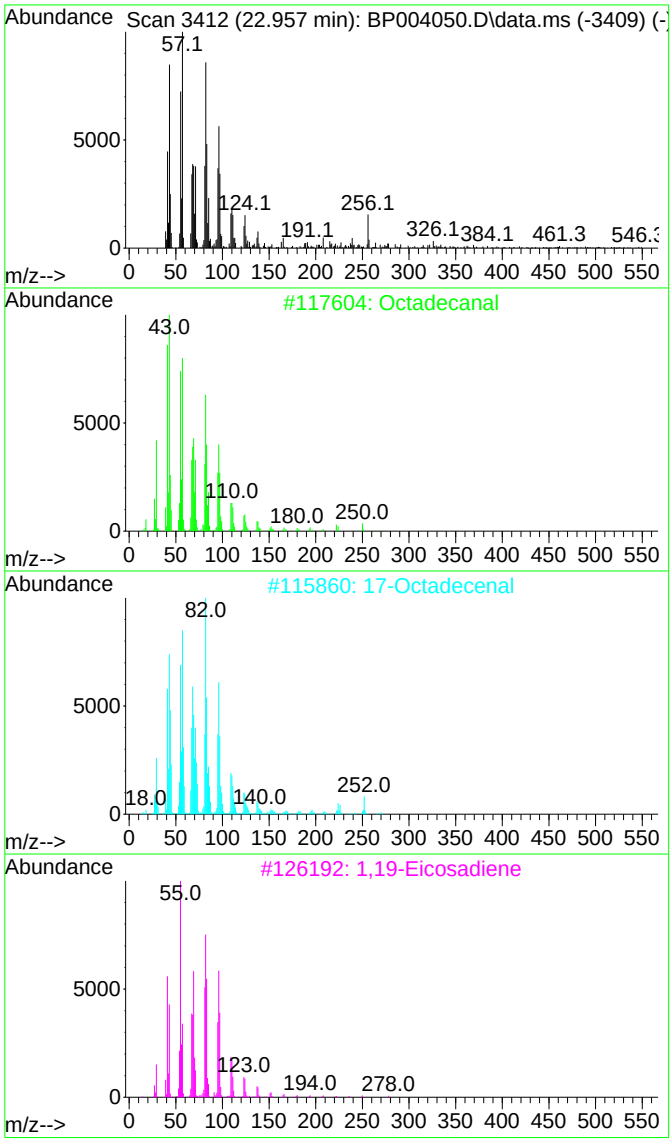
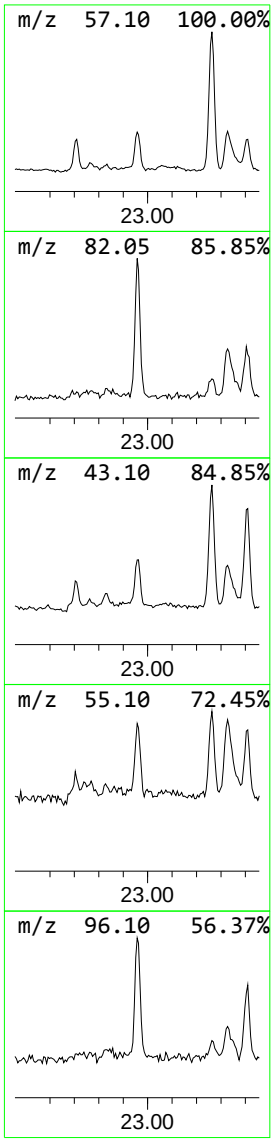
Peak Number 16 Octadecanal Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.957 | 7.04 ng | 375289 | Perylene-d12 | 24.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanal | 268 | C18H36O | 000638-66-4 | 91 |
| 2 | 17-Octadecenal | 266 | C18H34O | 056554-86-0 | 91 |
| 3 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 90 |
| 4 | Tetradecanal | 212 | C14H28O | 000124-25-4 | 90 |
| 5 | 1,16-Hexadecanediol | 258 | C16H34O2 | 007735-42-4 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
304EM-STOCKPILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.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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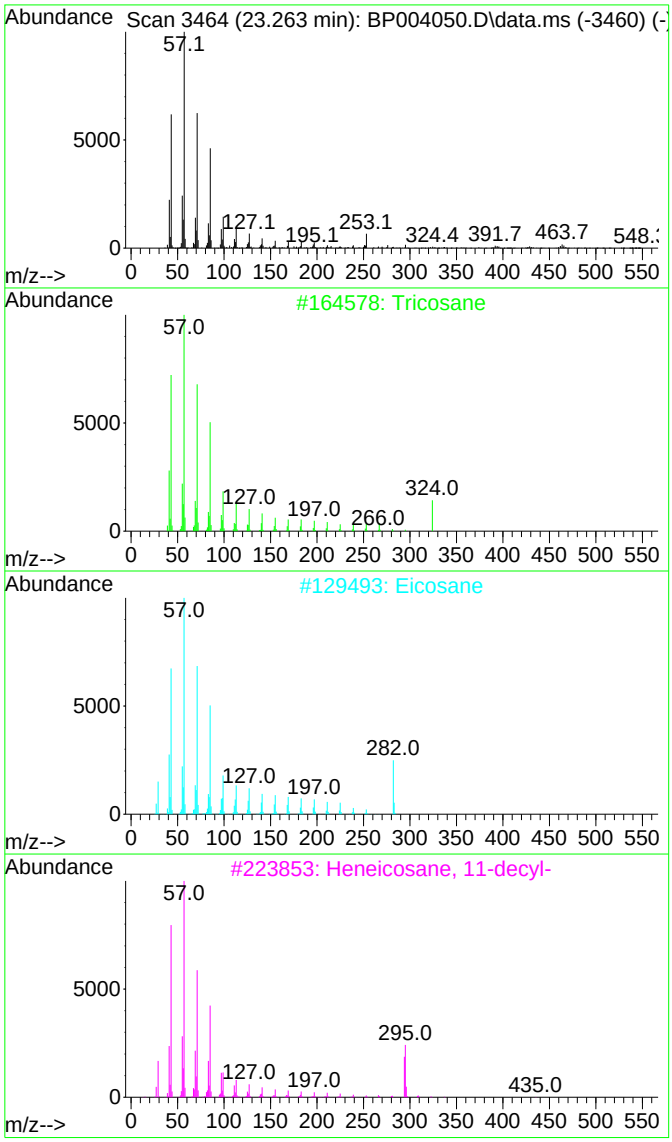
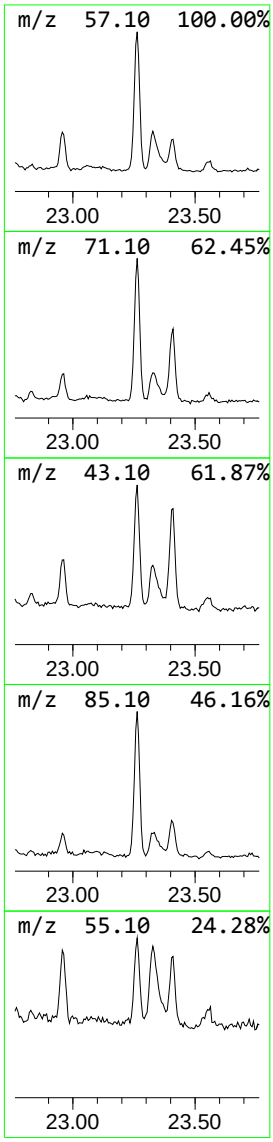
Peak Number 17 Tricosane Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.263 | 10.71 ng | 571339 | Perylene-d12 | 24.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tricosane | 324 | C23H48 | 000638-67-5 | 95 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 93 |
| 3 | Heneicosane, 11-decyl- | 437 | C31H64 | 055320-06-4 | 93 |
| 4 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
Data File : BP004050.D
Acq On : 21 Nov 2020 22:04
Operator : CG/JU
Sample : L4857-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 304EM-STOCKPILE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.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 |
| unknown2.923 | 2.923 | 94.7 | ng | 2962450 | 1 | 8.264 | 625903 | 20.0 |
| Cyclohexane | 3.076 | 3.8 | ng | 117834 | 1 | 8.264 | 625903 | 20.0 |
| Butane, 2-metho... | 3.170 | 6.0 | ng | 186596 | 1 | 8.264 | 625903 | 20.0 |
| 2-Pentanone, 4-... | 5.264 | 11.5 | ng | 360173 | 1 | 8.264 | 625903 | 20.0 |
| 3-Methoxy-5-met... | 12.746 | 3.7 | ng | 155085 | 2 | 11.093 | 830367 | 20.0 |
| 1-Decene | 16.793 | 2.2 | ng | 147771 | 4 | 17.616 | 1364750 | 20.0 |
| n-Hexadecanoic ... | 18.486 | 109.6 | ng | 7475730 | 4 | 17.616 | 1364750 | 20.0 |
| Methyl stearate | 19.475 | 2.2 | ng | 147664 | 4 | 17.616 | 1364750 | 20.0 |
| Octadecanoic acid | 19.686 | 69.6 | ng | 6007200 | 5 | 21.651 | 1725430 | 20.0 |
| Nonadecane, 1-c... | 20.386 | 3.6 | ng | 312711 | 5 | 21.651 | 1725430 | 20.0 |
| 1-Octadecene | 21.310 | 10.9 | ng | 941611 | 5 | 21.651 | 1725430 | 20.0 |
| Benzo[ghi]fluor... | 21.375 | 2.0 | ng | 173208 | 5 | 21.651 | 1725430 | 20.0 |
| Docosane | 22.210 | 4.1 | ng | 354371 | 5 | 21.651 | 1725430 | 20.0 |
| Cyclohexane, 1,... | 22.245 | 6.8 | ng | 584225 | 5 | 21.651 | 1725430 | 20.0 |
| Octadecanal | 22.957 | 7.0 | ng | 375289 | 6 | 24.122 | 1066550 | 20.0 |
| Tricosane | 23.263 | 10.7 | ng | 571339 | 6 | 24.122 | 1066550 | 20.0 |