LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** TW-518R-S

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025429.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.037 | 13 | 17 | 39 | rVB | 2289481 | 2928633 | 37.55% | 5.586% |
| 2 | 4.943 | 335 | 341 | 351 | rVB | 160282 | 233412 | 2.99% | 0.445% |
| 3 | 5.402 | 412 | 419 | 432 | rBV | 1431849 | 2123070 | 27.22% | 4.049% |
| 4 | 6.960 | 676 | 684 | 697 | rBV | 1084692 | 1763139 | 22.60% | 3.363% |
| 5 | 7.784 | 817 | 824 | 833 | rBV | 498558 | 807651 | 10.35% | 1.540% |
| 6 | 8.925 | 1010 | 1018 | 1031 | rBV | 1425922 | 2410865 | 30.91% | 4.598% |
| 7 | 10.043 | 1203 | 1208 | 1218 | rBV | 46533 | 82517 | 1.06% | 0.157% |
| 8 | 10.548 | 1287 | 1294 | 1303 | rBV | 675605 | 1153049 | 14.78% | 2.199% |
| 9 | 13.013 | 1705 | 1713 | 1722 | rBV | 3516621 | 5489188 | 70.38% | 10.470% |
| 10 | 14.395 | 1940 | 1948 | 1960 | rBV | 1139680 | 1619657 | 20.77% | 3.089% |
| 11 | 15.589 | 2143 | 2151 | 2153 | rBV | 68947 | 95758 | 1.23% | 0.183% |
| 12 | 15.625 | 2153 | 2157 | 2162 | rVB | 120225 | 167534 | 2.15% | 0.320% |
| 13 | 15.731 | 2169 | 2175 | 2178 | rBV | 76900 | 102011 | 1.31% | 0.195% |
| 14 | 15.772 | 2178 | 2182 | 2189 | rVB | 409708 | 567152 | 7.27% | 1.082% |
| 15 | 15.907 | 2199 | 2205 | 2215 | rVB | 2937132 | 4523851 | 58.00% | 8.629% |
| 16 | 16.172 | 2243 | 2250 | 2255 | rBV | 424996 | 572507 | 7.34% | 1.092% |
| 17 | 16.266 | 2260 | 2266 | 2270 | rBV | 564468 | 800525 | 10.26% | 1.527% |
| 18 | 16.331 | 2270 | 2277 | 2283 | rVV2 | 580883 | 1329711 | 17.05% | 2.536% |
| 19 | 16.389 | 2283 | 2287 | 2291 | rVV2 | 592392 | 874696 | 11.21% | 1.668% |
| 20 | 16.436 | 2291 | 2295 | 2299 | rVV | 545618 | 747578 | 9.58% | 1.426% |
| 21 | 16.483 | 2299 | 2303 | 2306 | rVV2 | 315649 | 557665 | 7.15% | 1.064% |
| 22 | 16.542 | 2309 | 2313 | 2316 | rVV | 315431 | 481657 | 6.18% | 0.919% |
| 23 | 16.595 | 2316 | 2322 | 2329 | rVV5 | 664165 | 1368209 | 17.54% | 2.610% |
| 24 | 16.666 | 2329 | 2334 | 2337 | rVV | 599287 | 827057 | 10.60% | 1.577% |
| 25 | 16.701 | 2337 | 2340 | 2343 | rVV | 202027 | 309821 | 3.97% | 0.591% |
| 26 | 16.742 | 2343 | 2347 | 2352 | rVB | 377271 | 496366 | 6.36% | 0.947% |
| 27 | 16.795 | 2352 | 2356 | 2362 | rVB | 55334 | 99543 | 1.28% | 0.190% |
| 28 | 16.883 | 2364 | 2371 | 2375 | rBV4 | 89164 | 185465 | 2.38% | 0.354% |
| 29 | 17.007 | 2386 | 2392 | 2396 | rVB | 84538 | 163851 | 2.10% | 0.313% |
| 30 | 17.089 | 2403 | 2406 | 2409 | rBV2 | 71521 | 97496 | 1.25% | 0.186% |
| 31 | 17.119 | 2409 | 2411 | 2417 | rVB2 | 99880 | 130718 | 1.68% | 0.249% |
| 32 | 17.195 | 2418 | 2424 | 2434 | rVB2 | 1323917 | 1979865 | 25.38% | 3.776% |
| 33 | 17.789 | 2521 | 2525 | 2535 | rBV | 101729 | 160723 | 2.06% | 0.307% |
| 34 | 18.142 | 2580 | 2585 | 2591 | rBV | 687206 | 1034212 | 13.26% | 1.973% |
| 35 | 19.119 | 2746 | 2751 | 2754 | rVB3 | 53194 | 78370 | 1.00% | 0.149% |
| 36 | 19.166 | 2754 | 2759 | 2767 | rBV | 362988 | 538250 | 6.90% | 1.027% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 19.313 | 2780 | 2784 | 2786 | rBV | 102477 | 134971 | 1.73% | 0.257% |
| 38 | 19.466 | 2805 | 2810 | 2824 | rBV2 | 340380 | 545452 | 6.99% | 1.040% |
| 39 | 19.624 | 2834 | 2837 | 2841 | rVB2 | 70371 | 80517 | 1.03% | 0.154% |
| 40 | 19.742 | 2854 | 2857 | 2864 | rVB3 | 76217 | 100753 | 1.29% | 0.192% |
| 41 | 19.919 | 2882 | 2887 | 2893 | rVB | 6589020 | 7799883 | 100.00% | 14.877% |
| 42 | 20.260 | 2943 | 2945 | 2949 | rVB | 84081 | 88779 | 1.14% | 0.169% |
| 43 | 20.401 | 2967 | 2969 | 2974 | rVB5 | 57916 | 78044 | 1.00% | 0.149% |
| 44 | 20.783 | 3031 | 3034 | 3038 | rVB | 138834 | 132353 | 1.70% | 0.252% |
| 45 | 21.307 | 3119 | 3123 | 3133 | rVB3 | 345908 | 685506 | 8.79% | 1.308% |
| 46 | 21.560 | 3161 | 3166 | 3171 | rBV | 496159 | 670670 | 8.60% | 1.279% |
| 47 | 21.624 | 3171 | 3177 | 3185 | rVB | 1412781 | 2117070 | 27.14% | 4.038% |
| 48 | 21.895 | 3219 | 3223 | 3230 | rVB | 156519 | 225838 | 2.90% | 0.431% |
| 49 | 22.548 | 3331 | 3334 | 3344 | rVB2 | 140148 | 258723 | 3.32% | 0.493% |
| 50 | 23.495 | 3491 | 3495 | 3502 | rVB2 | 142716 | 275869 | 3.54% | 0.526% |
| 51 | 24.983 | 3739 | 3748 | 3762 | rVB2 | 833505 | 2332249 | 29.90% | 4.448% |

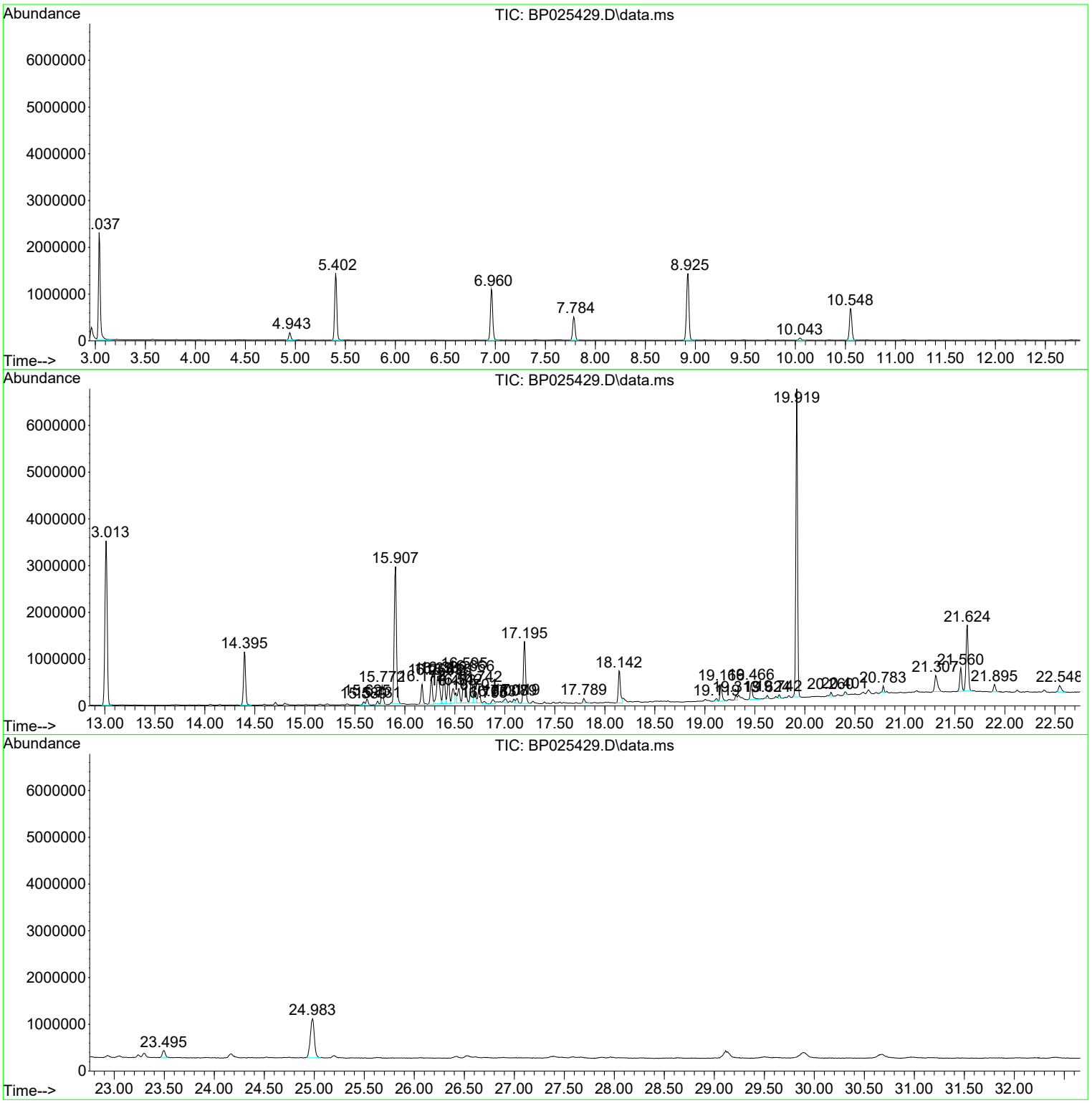
Sum of corrected areas: 52428449

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

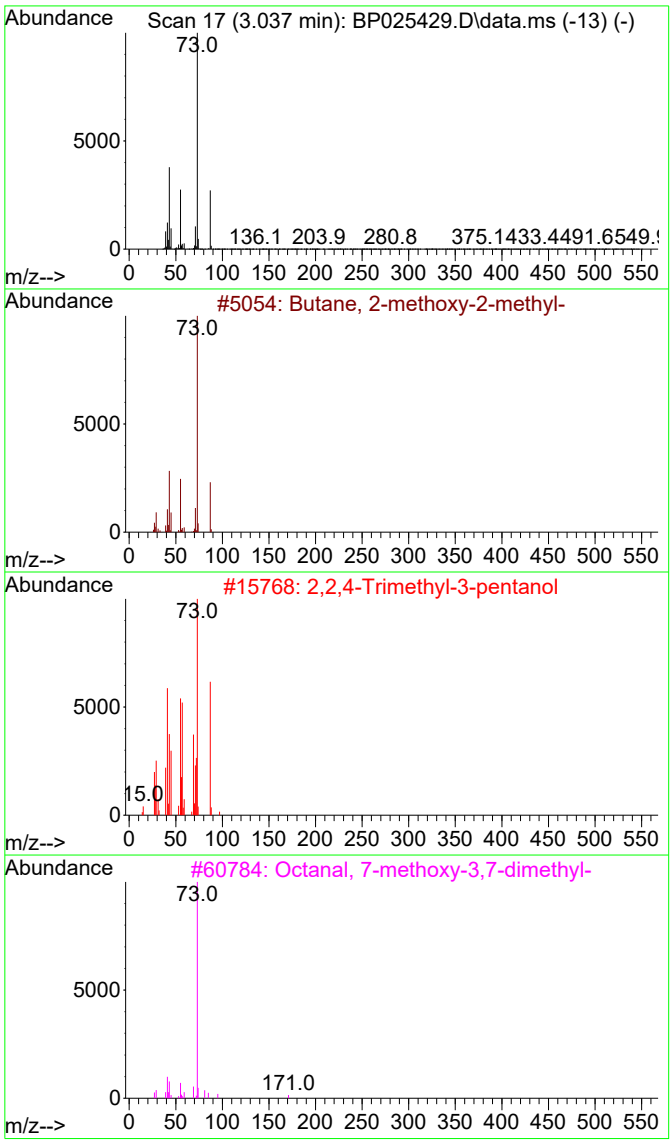
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

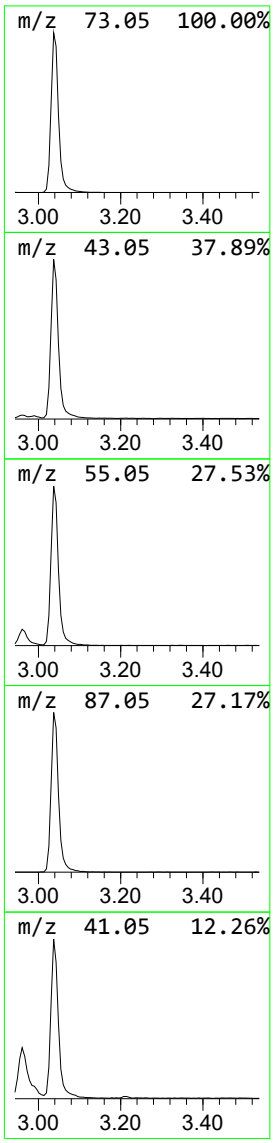
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.037 | 72.52 ng | 2928630 | 1,4-Dichlorobenzene-d4 | 7.784 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 2 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 3 | Octanal, 7-methoxy-3,7-dimethyl- | 186 | C11H22O2 | 003613-30-7 | 23 |
| 4 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 17 |
| 5 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

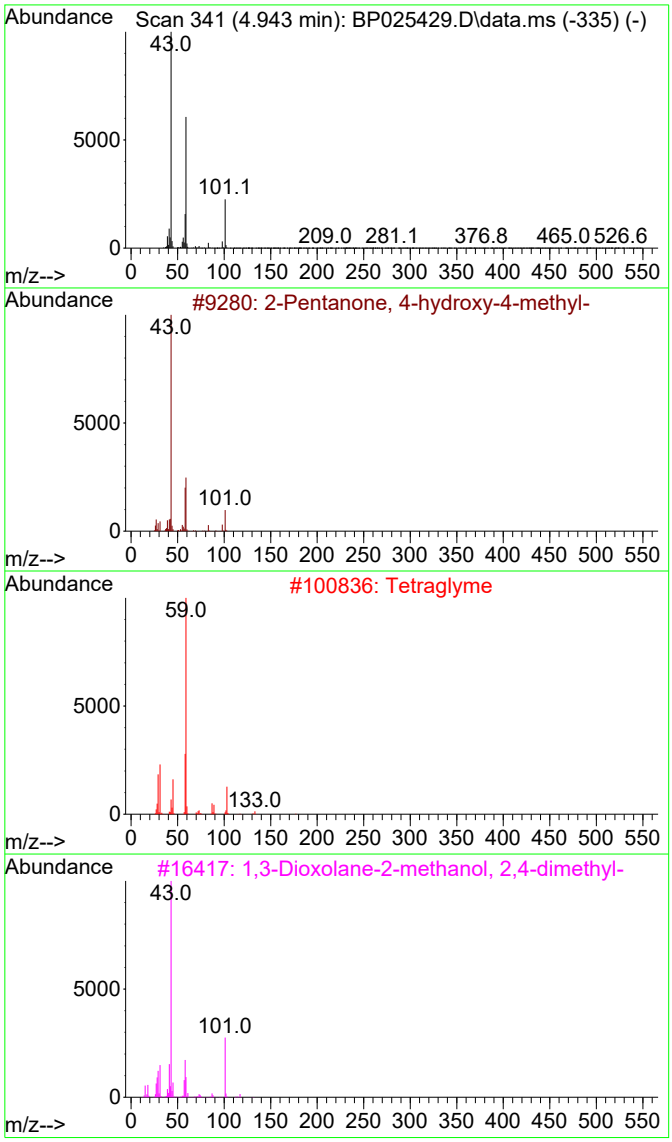
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

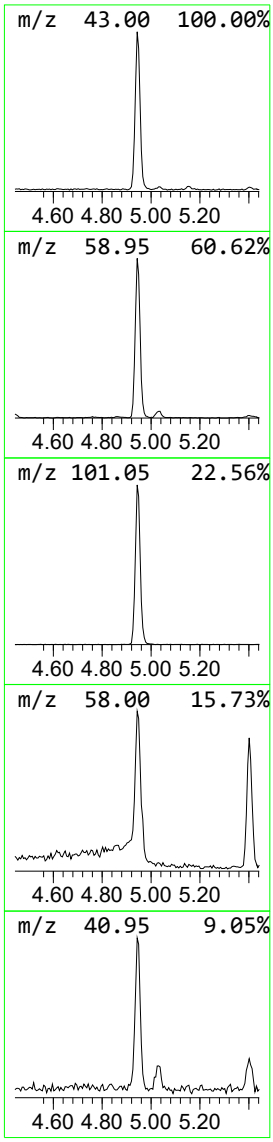
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.943 | 5.78 ng | 233412 | 1,4-Dichlorobenzene-d4 | 7.784 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 64 |
| 2 | Tetraglyme | 222 | C10H22O5 | 000143-24-8 | 25 |
| 3 | 1,3-Dioxolane-2-methanol, 2,4-di... | 132 | C6H12O3 | 053951-43-2 | 25 |
| 4 | 2,5,8,11-Tetraoxadodecane | 178 | C8H18O4 | 000112-49-2 | 23 |
| 5 | 1,2-Butanediol | 90 | C4H10O2 | 000584-03-2 | 17 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

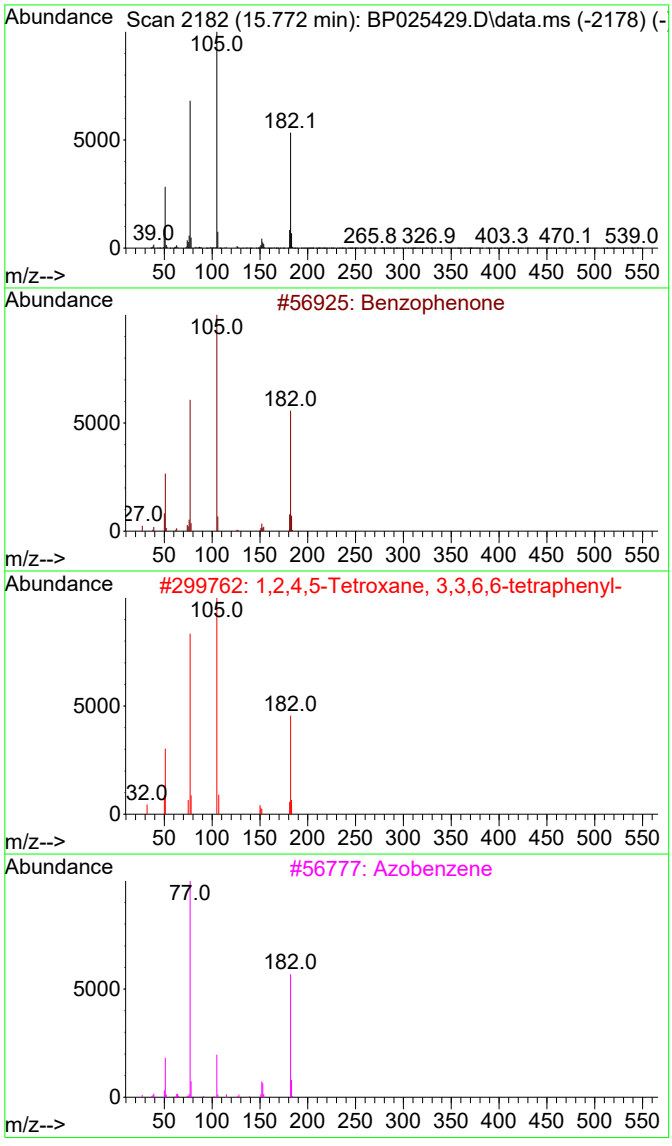
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

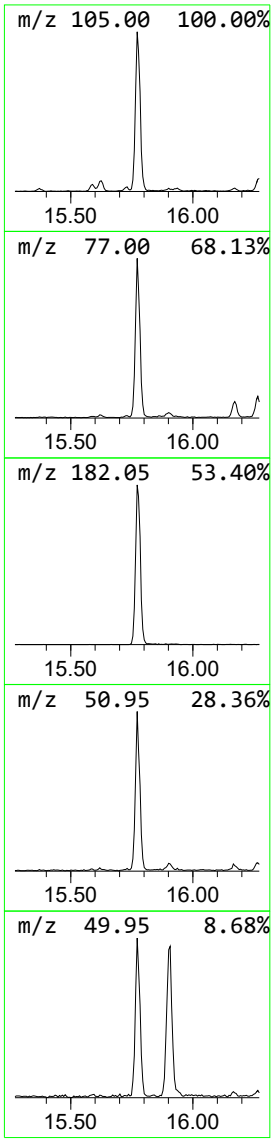
**********

Peak Number 3 Benzophenone Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.772 | 7.00 ng | 567152 | Acenaphthene-d10 | 14.395 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 64 |
| 3 | Azobenzene | 182 | C12H10N2 | 000103-33-3 | 53 |
| 4 | Azobenzene, (E)- | 182 | C12H10N2 | 017082-12-1 | 50 |
| 5 | 1,2,4-Trioxolane, 3,3,5-triphenyl- | 304 | C20H16O3 | 023246-12-0 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

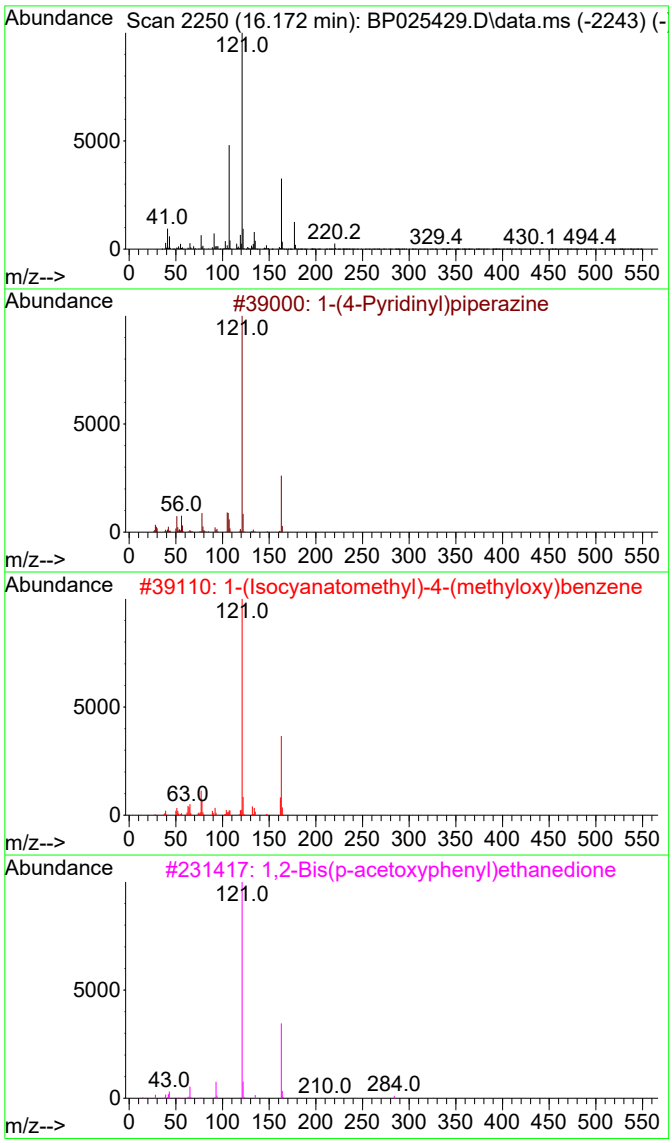
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

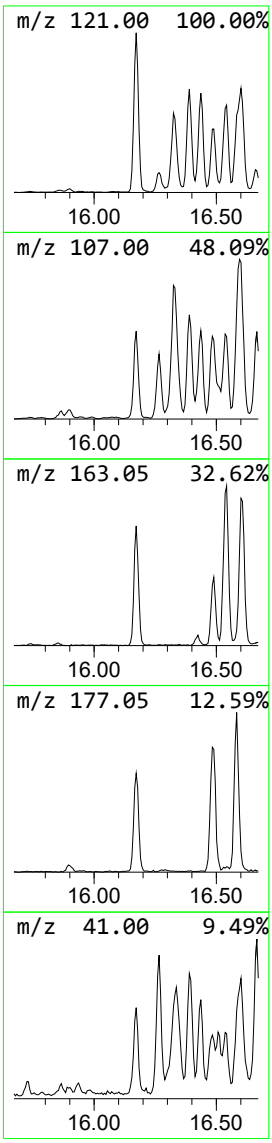
**********

Peak Number 4 1-(4-Pyridinyl)piperazine Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.172 | 5.78 ng | 572507 | Phenanthrene-d10 | 17.195 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-(4-Pyridinyl)piperazine | 163 | C9H13N3 | 001008-91-9 | 50 |
| 2 | 1-(Isocyanatomethyl)-4-(methylox... | 163 | C9H9NO2 | 056651-60-6 | 50 |
| 3 | 1,2-Bis(p-acetoxyphenyl)ethanedione | 326 | C18H14O6 | 093655-79-9 | 50 |
| 4 | 1-Propyl-1,2,3,4-tetrahydropyrro... | 164 | C10H16N2 | 112758-86-8 | 49 |
| 5 | 2H-1,2,3,4-Tetrazol-5-amine, N-[... | 205 | C9H11N5O | 1000337-56-1 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

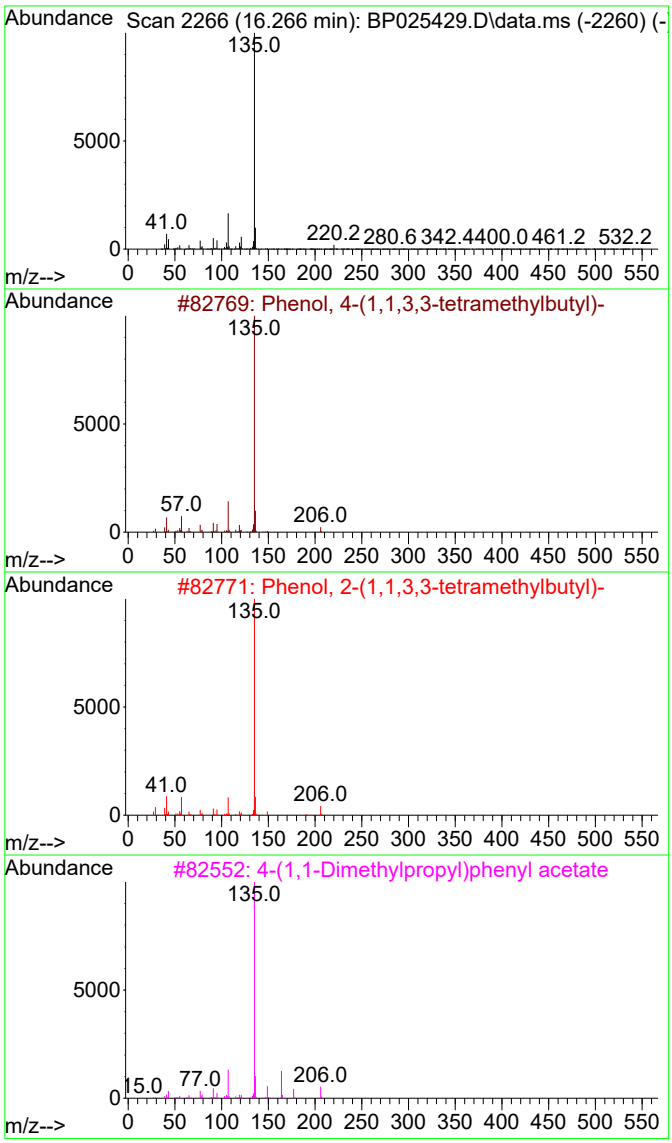
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

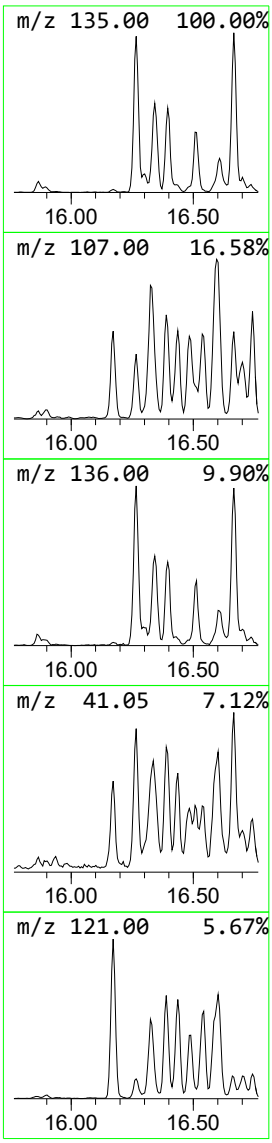
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.266 | 8.09 ng | 800525 | Phenanthrene-d10 | 17.195 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4-(1,1,3,3-tetramethylbu... | 206 | C14H22O | 000140-66-9 | 86 |
| 2 | Phenol, 2-(1,1,3,3-tetramethylbu... | 206 | C14H22O | 003884-95-5 | 78 |
| 3 | 4-(1,1-Dimethylpropyl)phenyl ace... | 206 | C13H18O2 | 1000373-45-3 | 78 |
| 4 | Phenol, 2-methyl-5-(1-methylethyl)- | 150 | C10H14O | 000499-75-2 | 78 |
| 5 | 2-tert-Butylphenol, O-(n-propylo... | 236 | C14H20O3 | 1000487-37-9 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

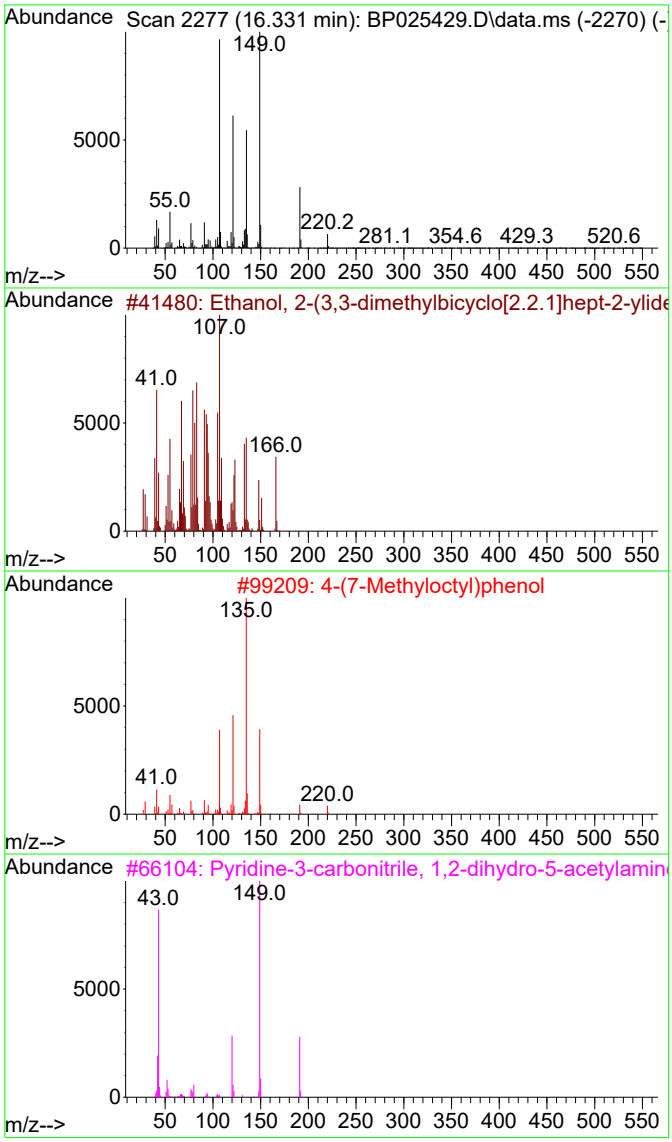
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

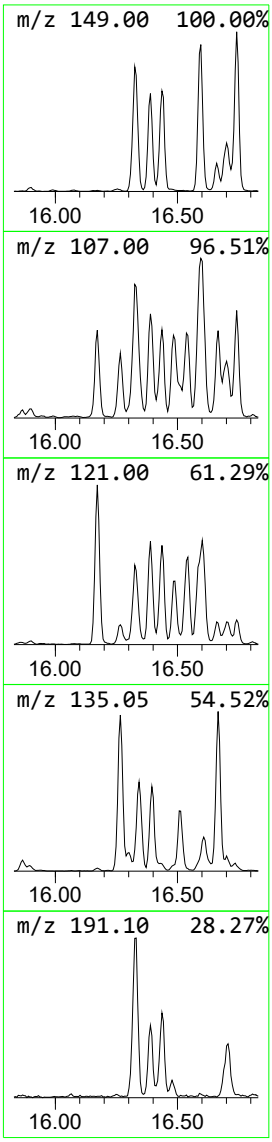
**********

Peak Number 6 unknown16.331 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.331 | 13.43 ng | 1329710 | Phenanthrene-d10 | 17.195 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(3,3-dimethylbicyclo[... | 166 | C11H18O | 002226-05-3 | 46 |
| 2 | 4-(7-Methyloctyl)phenol | 220 | C15H24O | 024518-48-7 | 38 |
| 3 | Pyridine-3-carbonitrile, 1,2-dih... | 191 | C9H9N3O2 | 220098-92-0 | 38 |
| 4 | Phthalic acid, 4-methylhept-3-yl... | 320 | C19H28O4 | 1000377-93-7 | 35 |
| 5 | Butanamide, N-(2-methylphenyl)-3... | 191 | C11H13NO2 | 000093-68-5 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

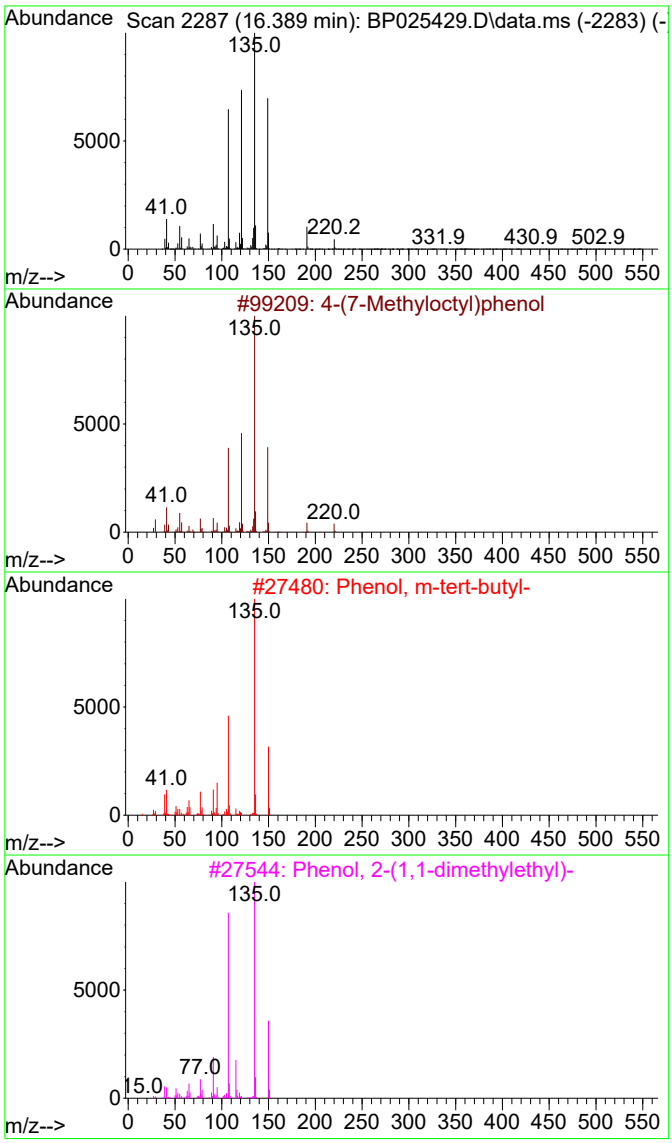
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

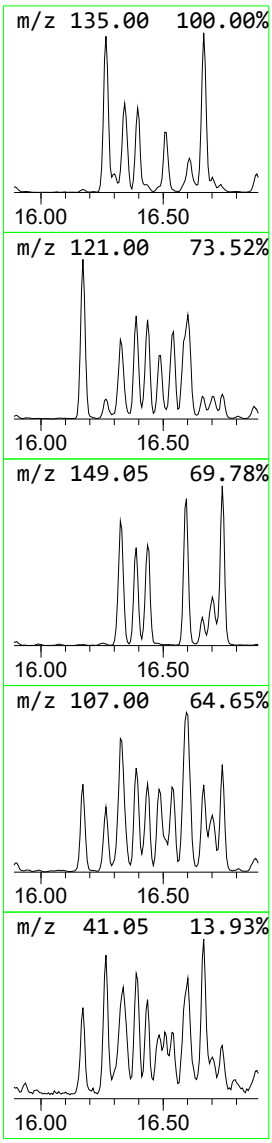
**********

Peak Number 7 4-(7-Methyloctyl)phenol Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.389 | 8.84 ng | 874696 | Phenanthrene-d10 | 17.195 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-(7-Methyloctyl)phenol | 220 | C15H24O | 024518-48-7 | 95 |
| 2 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 38 |
| 3 | Phenol, 2-(1,1-dimethylethyl)- | 150 | C10H14O | 000088-18-6 | 38 |
| 4 | Hexestrol, O-(n-propyloxycarbonyl)- | 356 | C22H28O4 | 1000487-65-1 | 38 |
| 5 | Hexestrol, O-methoxycarbonyl- | 328 | C20H24O4 | 1000487-66-3 | 35 |



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Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

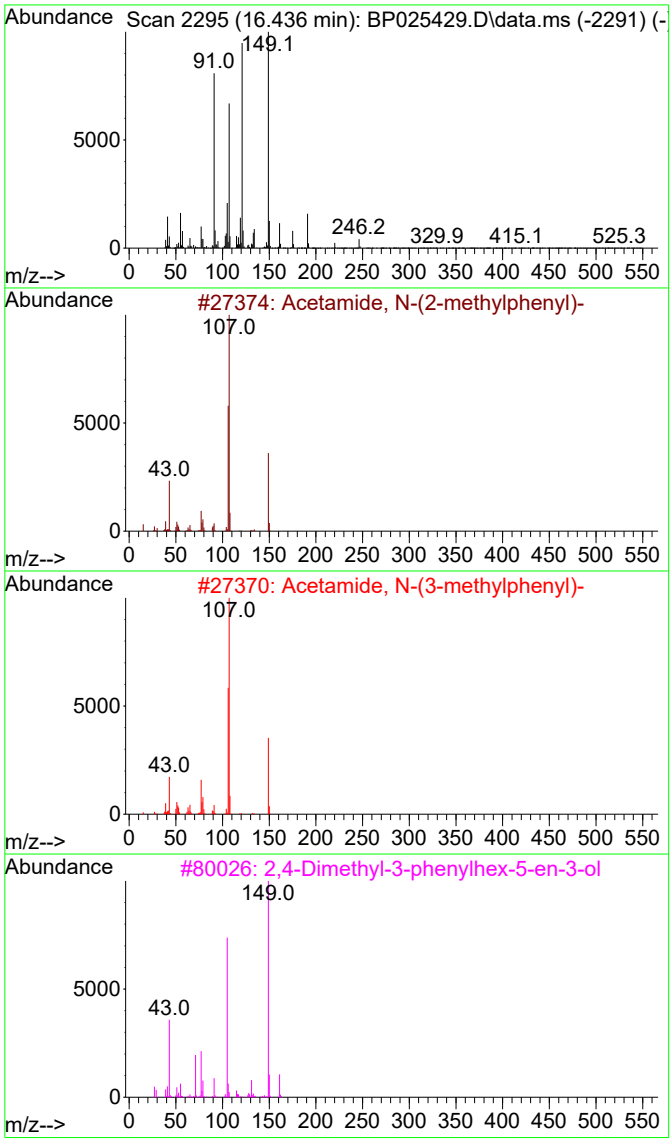
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

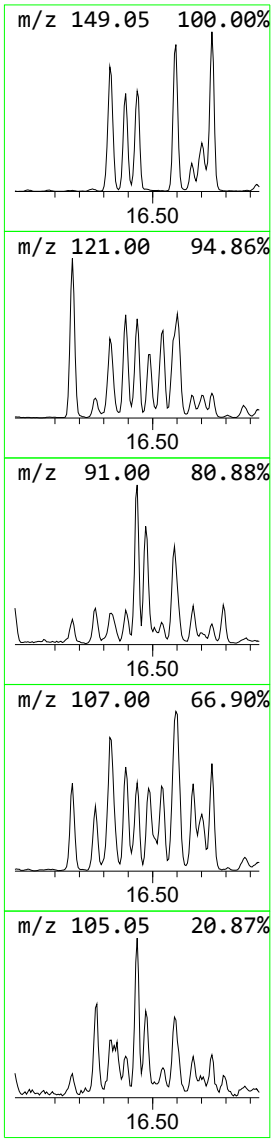
**********

Peak Number 8 unknown16.436 Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.436 | 7.55 ng | 747578 | Phenanthrene-d10 | 17.195 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetamide, N-(2-methylphenyl)- | 149 | C9H11NO | 000120-66-1 | 38 |
| 2 | Acetamide, N-(3-methylphenyl)- | 149 | C9H11NO | 000537-92-8 | 38 |
| 3 | 2,4-Dimethyl-3-phenylhex-5-en-3-ol | 204 | C14H20O | 342625-00-7 | 27 |
| 4 | (3aR,4R,7R,7aS)-1,1,3a,7-tetrame... | 222 | C15H26O | 1000496-79-9 | 27 |
| 5 | m-Tolyl isothiocyanate | 149 | C8H7NS | 000621-30-7 | 27 |



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Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

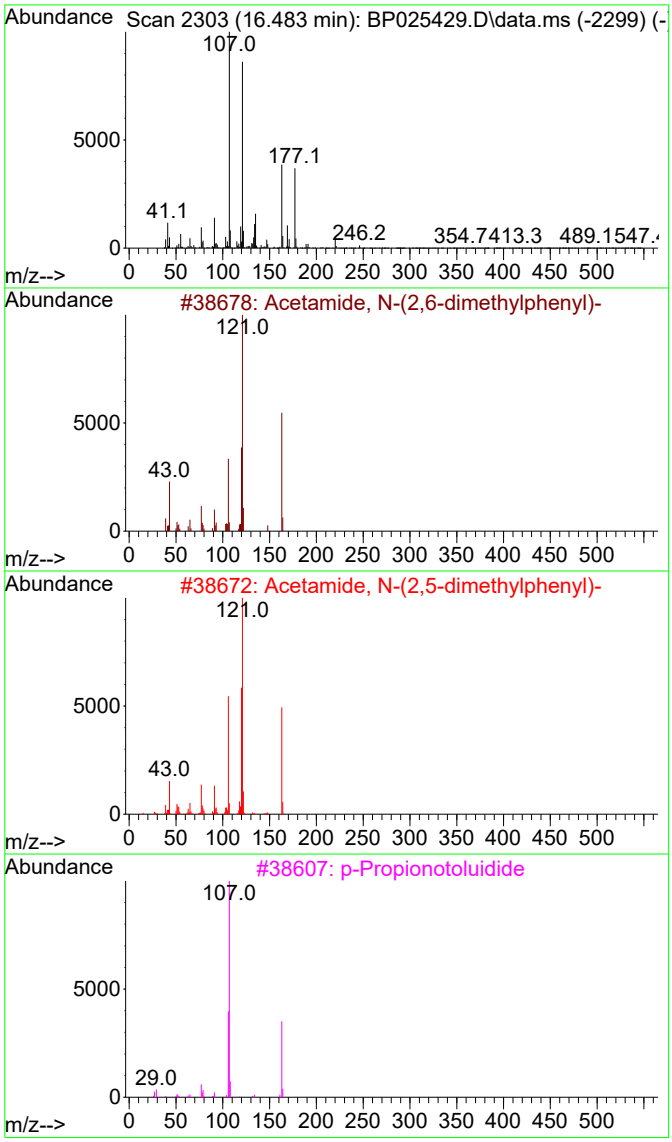
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

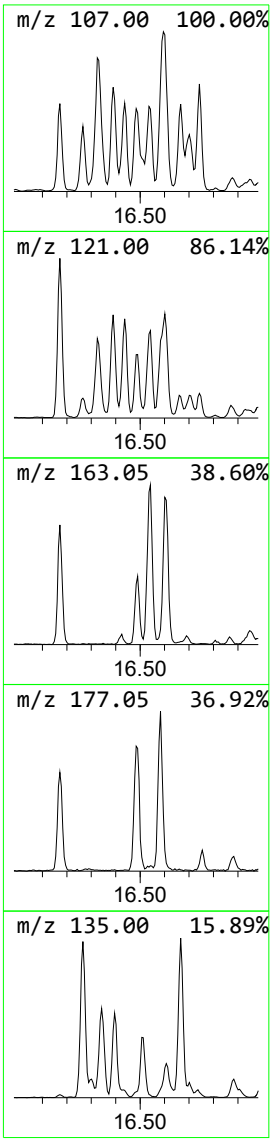
**********

Peak Number 9 unknown16.483 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.483 | 5.63 ng | 557665 | Phenanthrene-d10 | 17.195 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetamide, N-(2,6-dimethylphenyl)- | 163 | C10H13NO | 002198-53-0 | 38 |
| 2 | Acetamide, N-(2,5-dimethylphenyl)- | 163 | C10H13NO | 002050-44-4 | 38 |
| 3 | p-Propionotoluidide | 163 | C10H13NO | 002759-55-9 | 35 |
| 4 | Propanamide, N-(3-methylphenyl)-... | 177 | C11H15NO | 1000307-32-0 | 30 |
| 5 | Benzene, 1-ethoxy-4-ethyl- | 150 | C10H14O | 001585-06-4 | 22 |



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Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

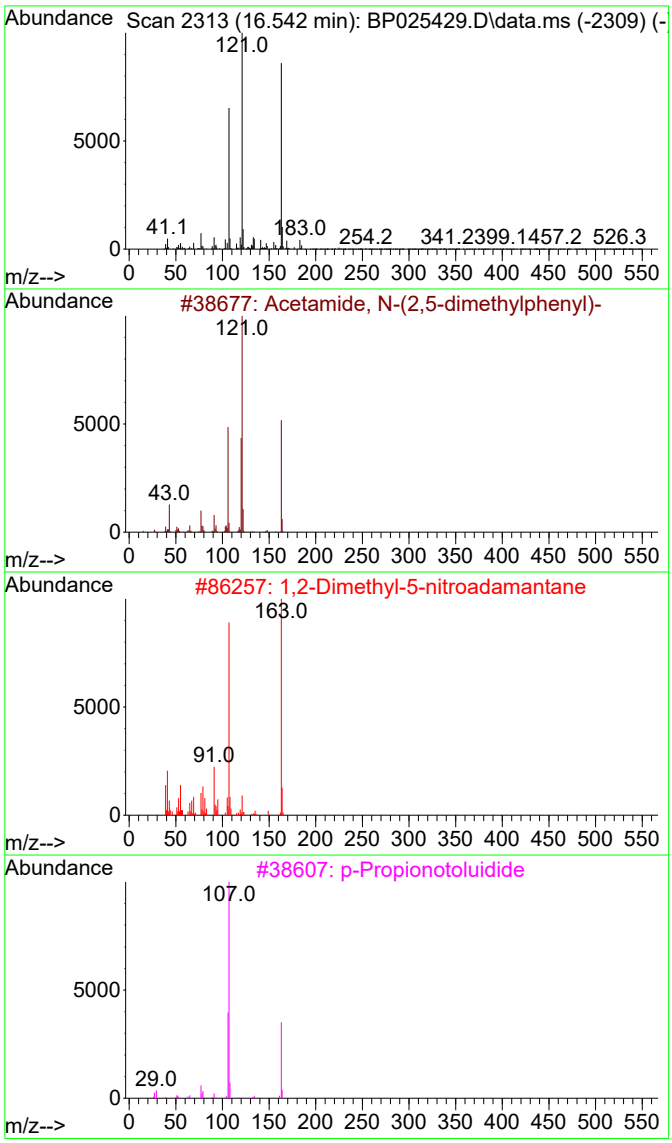
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

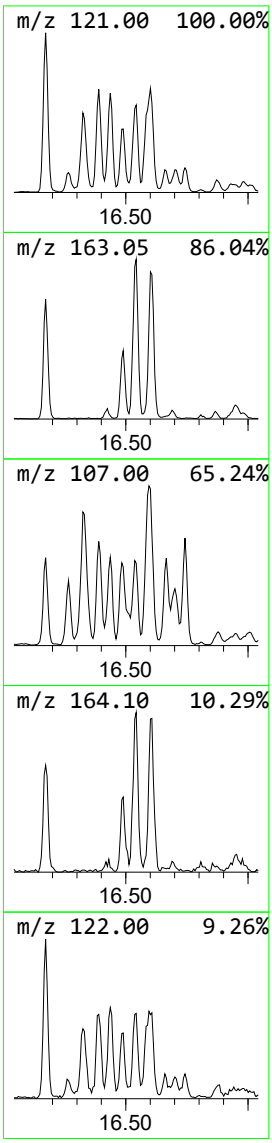
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Acetamide, N-(2,5-dimethylp... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.542 | 4.87 ng | 481657 | Phenanthrene-d10 | 17.195 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetamide, N-(2,5-dimethylphenyl)- | 163 | C10H13NO | 002050-44-4 | 58 |
| 2 | 1,2-Dimethyl-5-nitroadamantane | 209 | C12H19NO2 | 006588-68-7 | 43 |
| 3 | p-Propionotoluidide | 163 | C10H13NO | 002759-55-9 | 43 |
| 4 | 2-Propanone, 1-(4-methoxyphenyl)- | 164 | C10H12O2 | 000122-84-9 | 30 |
| 5 | 4-sec-Butylphenol, O-isopropylox... | 236 | C14H20O3 | 1201410-83-4 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

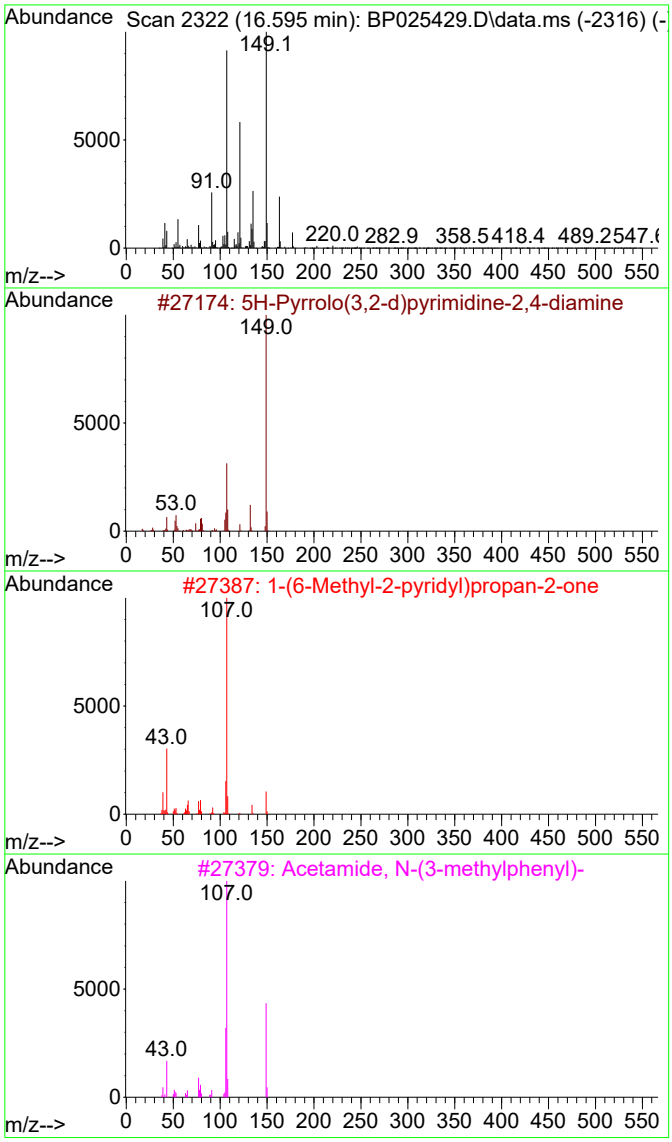
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

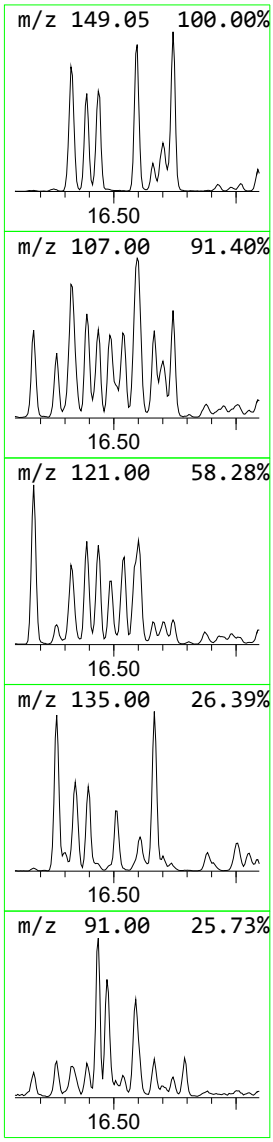
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.595 | 13.82 ng | 1368210 | Phenanthrene-d10 | 17.195 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5H-Pyrrolo(3,2-d)pyrimidine-2,4-... | 149 | C6H7N5 | 1000244-21-4 | 64 |
| 2 | 1-(6-Methyl-2-pyridyl)propan-2-one | 149 | C9H11NO | 065702-08-1 | 58 |
| 3 | Acetamide, N-(3-methylphenyl)- | 149 | C9H11NO | 000537-92-8 | 58 |
| 4 | 2-Methyl-4-hydroxybenzoxazole | 149 | C8H7NO2 | 051110-60-2 | 46 |
| 5 | 1-Isopropenyl-3-propenylcyclopen... | 150 | C11H18 | 1000192-81-2 | 35 |



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Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

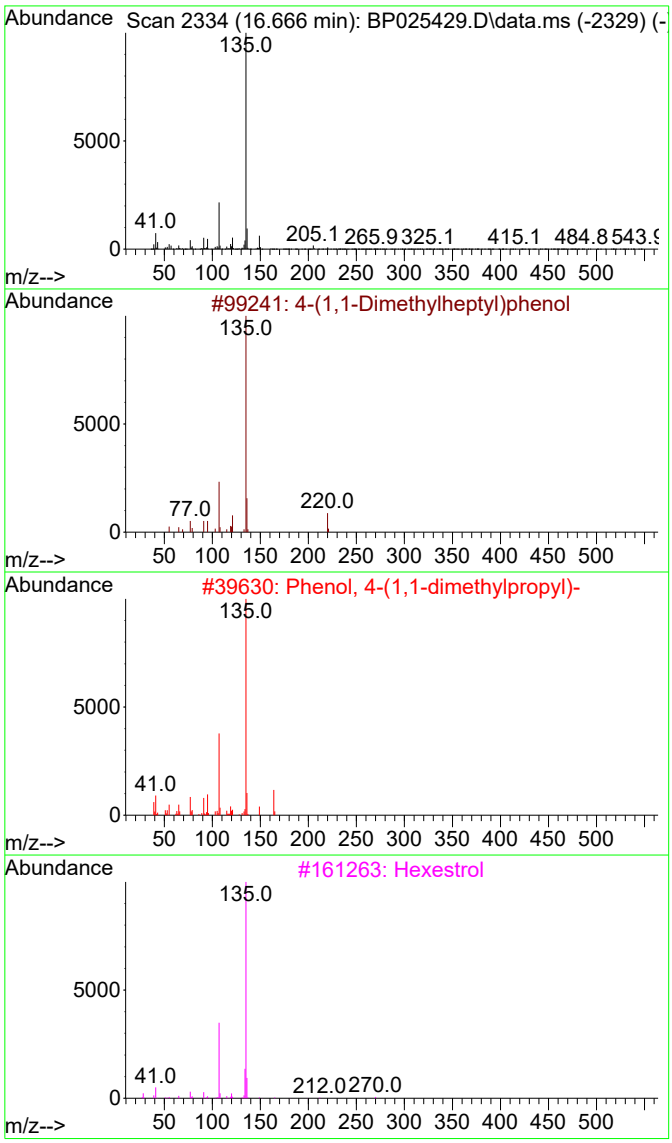
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

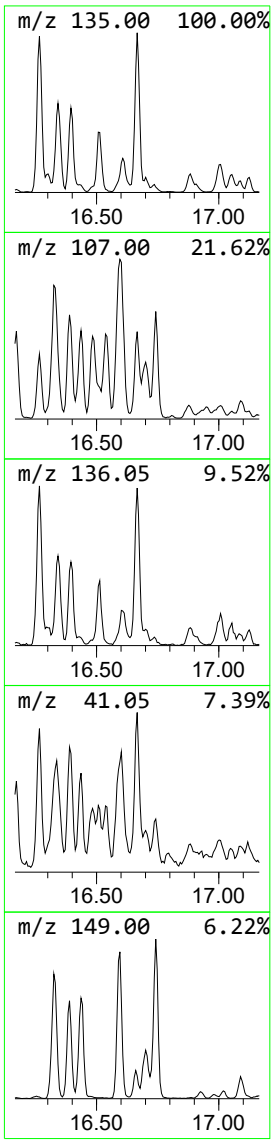
**********

Peak Number 12 4-(1,1-Dimethylheptyl)phenol Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.666 | 8.35 ng | 827057 | Phenanthrene-d10 | 17.195 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-(1,1-Dimethylheptyl)phenol | 220 | C15H24O | 1000384-80-3 | 74 |
| 2 | Phenol, 4-(1,1-dimethylpropyl)- | 164 | C11H16O | 000080-46-6 | 72 |
| 3 | Hexestrol | 270 | C18H22O2 | 000084-16-2 | 64 |
| 4 | Phenol, 2-(1,1,3,3-tetramethylbu... | 206 | C14H22O | 003884-95-5 | 64 |
| 5 | ((1,2-Diethylethylene)bis(p-phen... | 354 | C22H26O4 | 004547-76-6 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

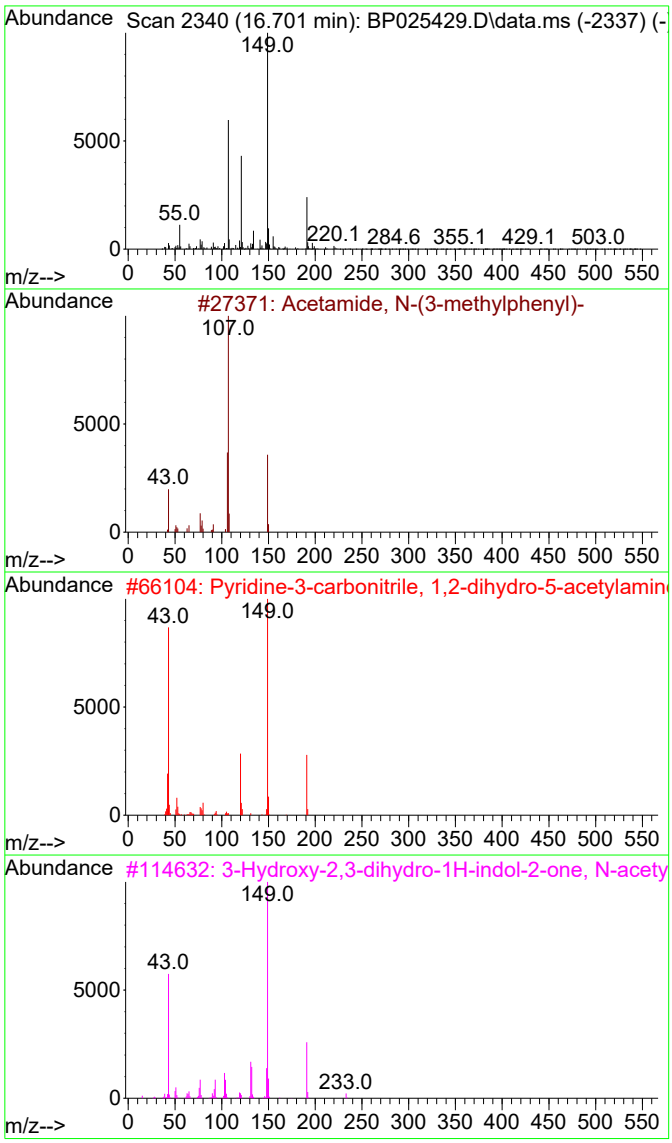
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

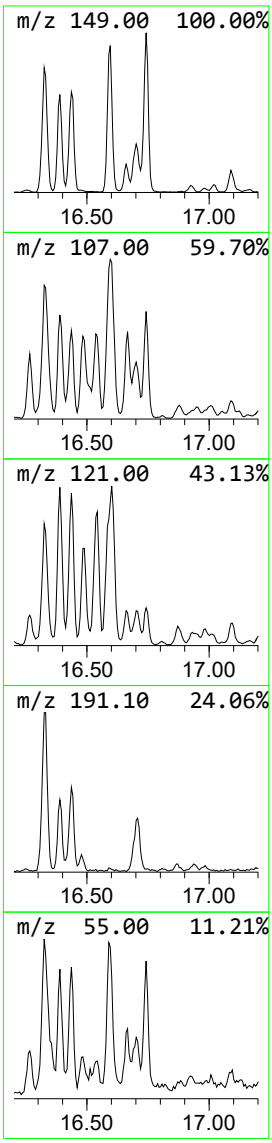
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Acetamide, N-(3-methylphenyl)- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.701 | 3.13 ng | 309821 | Phenanthrene-d10 | 17.195 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetamide, N-(3-methylphenyl)- | 149 | C9H11NO | 000537-92-8 | 58 |
| 2 | Pyridine-3-carbonitrile, 1,2-dih... | 191 | C9H9N3O2 | 220098-92-0 | 52 |
| 3 | 3-Hydroxy-2,3-dihydro-1H-indol-2... | 233 | C12H11NO4 | 1000502-99-4 | 50 |
| 4 | Phthalic acid, 7-methyloct-3-yn-... | 330 | C20H26O4 | 1000315-42-5 | 47 |
| 5 | 1,2-propanedione,1-(3,4-methylen... | 192 | C10H8O4 | 1000378-93-0 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

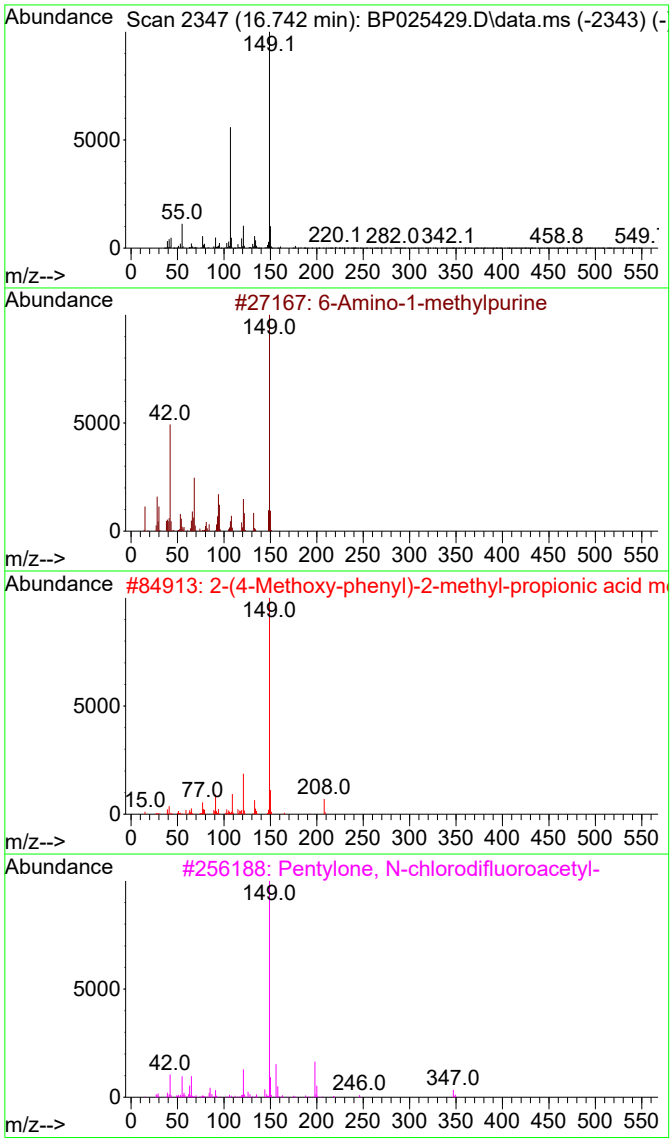
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

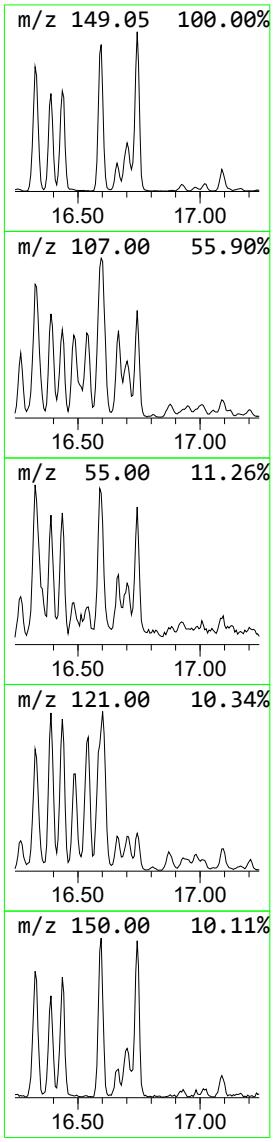
**********

Peak Number 14 6-Amino-1-methylpurine Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.742 | 5.01 ng | 496366 | Phenanthrene-d10 | 17.195 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6-Amino-1-methylpurine | 149 | C6H7N5 | 005142-22-3 | 50 |
| 2 | 2-(4-Methoxy-phenyl)-2-methyl-pr... | 208 | C12H16O3 | 006274-50-6 | 50 |
| 3 | Pentylone, N-chlorodifluoroacetyl- | 347 | C15H16ClF2NO4 | 1000448-27-1 | 47 |
| 4 | 7-Methylthieno[3,2-b]pyridine | 149 | C8H7NS | 013362-83-9 | 47 |
| 5 | Benzaldehyde, 3-pentafluoropheno... | 332 | C15H9F5O3 | 329222-68-6 | 43 |



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Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

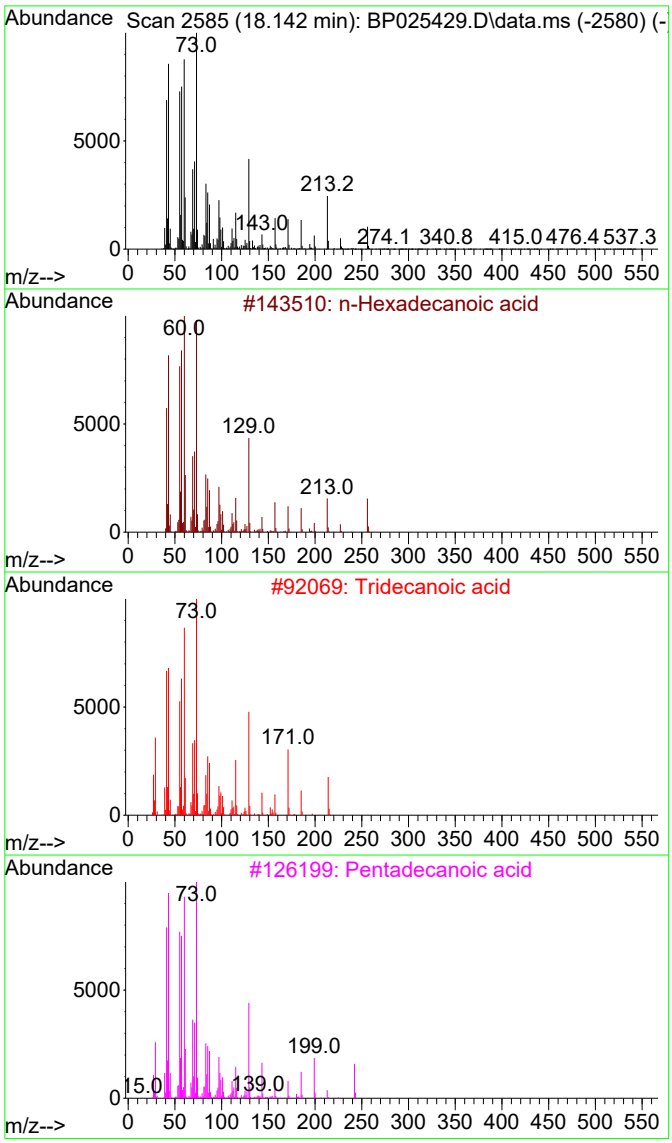
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

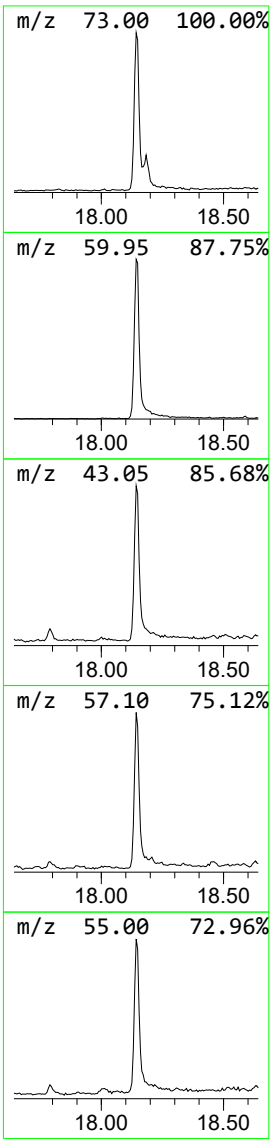
**********

Peak Number 15 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.142 | 10.45 ng | 1034210 | Phenanthrene-d10 | 17.195 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 95 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 80 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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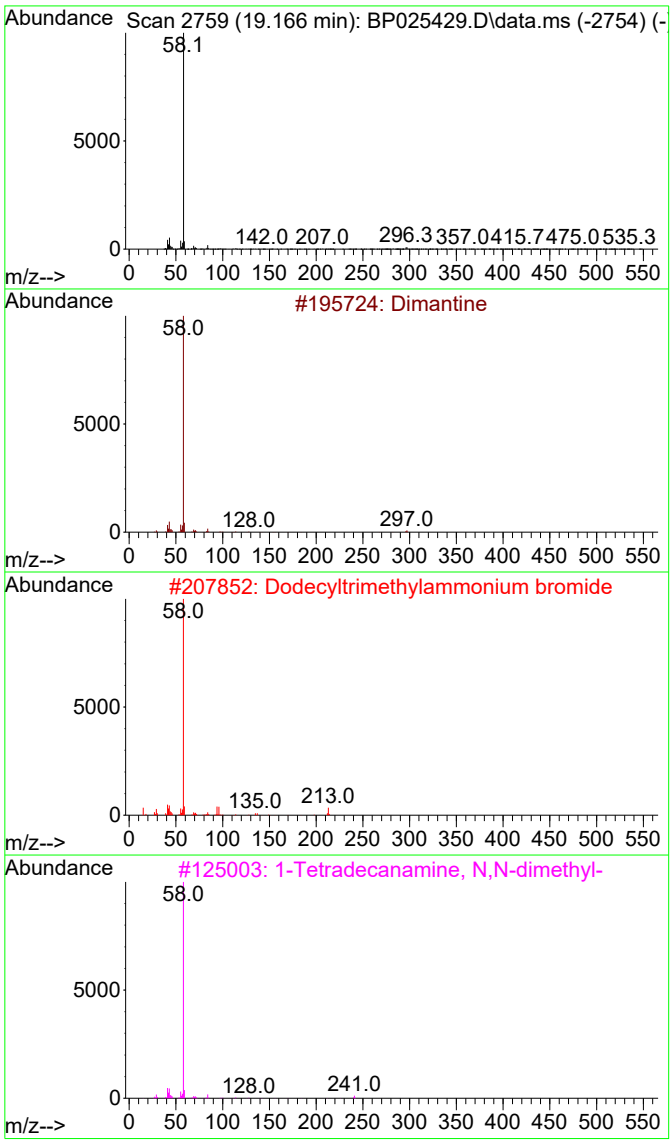
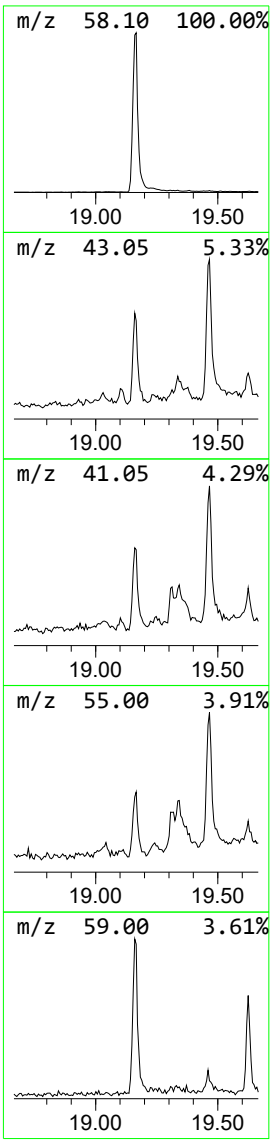
Peak Number 16 Dimantine Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.166 | 5.44 ng | 538250 | Phenanthrene-d10 | 17.195 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dimantine | 297 | C20H43N | 000124-28-7 | 90 |
| 2 | Dodecyltrimethylammonium bromide | 307 | C15H34BrN | 001119-94-4 | 78 |
| 3 | 1-Tetradecanamine, N,N-dimethyl- | 241 | C16H35N | 000112-75-4 | 78 |
| 4 | Dimethyl palmitamine | 269 | C18H39N | 000112-69-6 | 78 |
| 5 | Cetrimonium Bromide | 363 | C19H42BrN | 000057-09-0 | 78 |



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Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

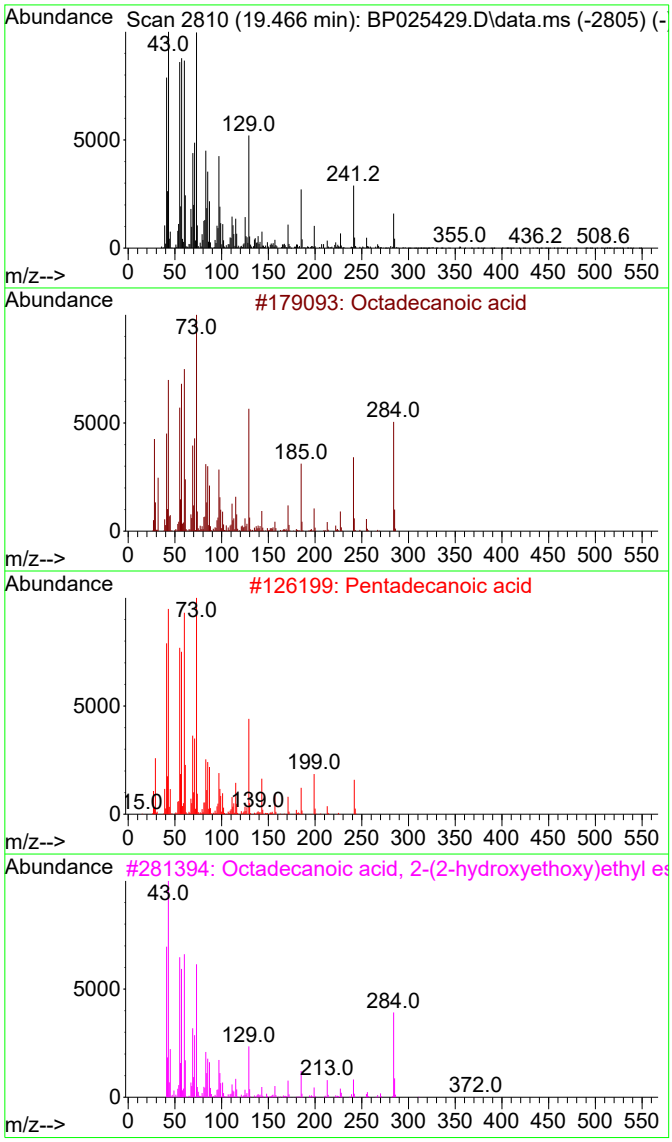
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

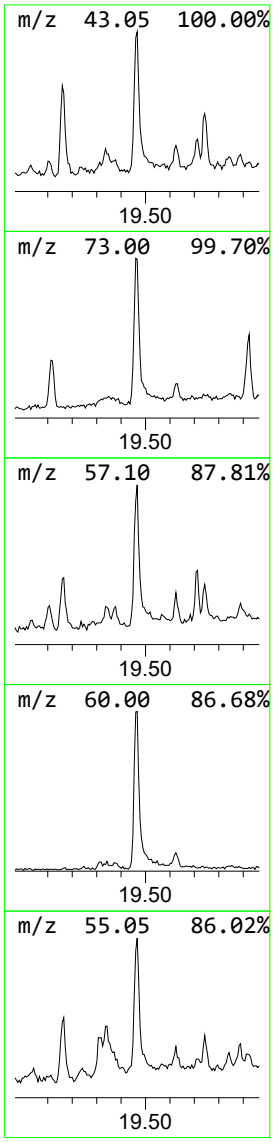
**********

Peak Number 17 Octadecanoic acid Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.466 | 5.15 ng | 545452 | Chrysene-d12 | 21.624 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 86 |
| 3 | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 72 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 53 |
| 5 | Cetene | 224 | C16H32 | 000629-73-2 | 44 |



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Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

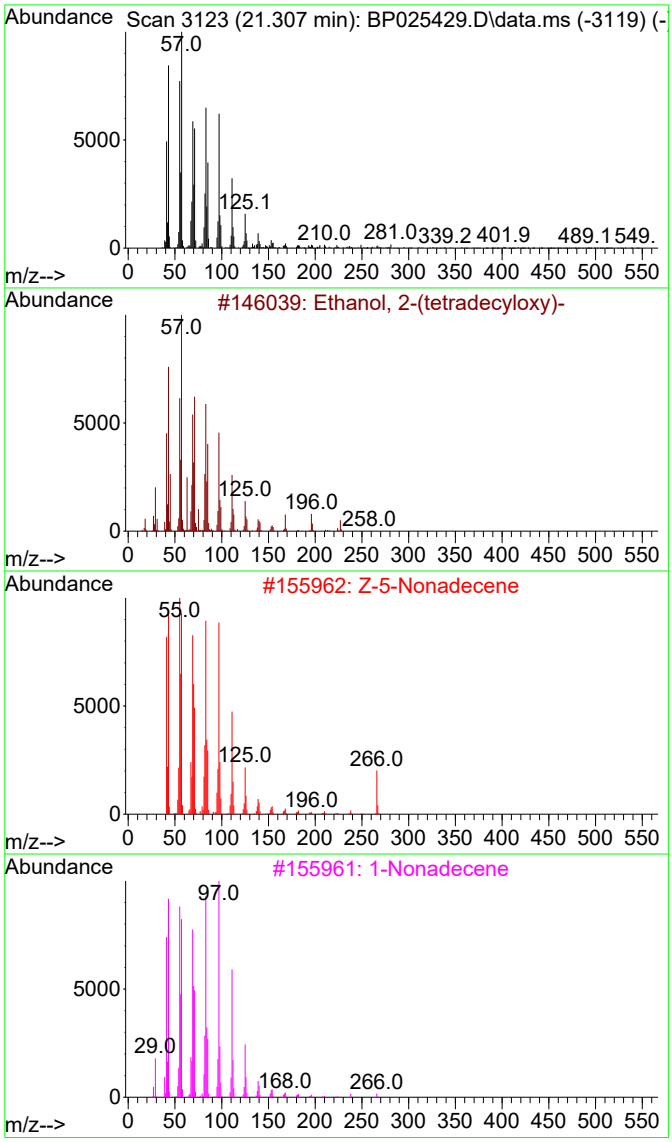
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

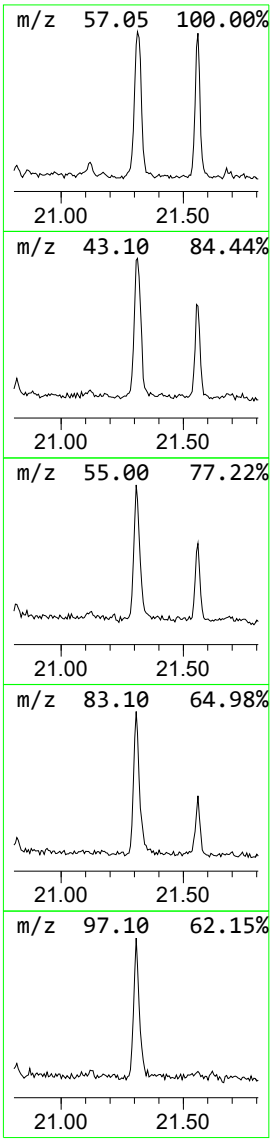
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 Ethanol, 2-(tetradecyloxy)- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.307 | 6.48 ng | 685506 | Chrysene-d12 | 21.624 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(tetradecyloxy)- | 258 | C16H34O2 | 002136-70-1 | 96 |
| 2 | Z-5-Nonadecene | 266 | C19H38 | 1000131-11-8 | 95 |
| 3 | 1-Nonadecene | 266 | C19H38 | 018435-45-5 | 94 |
| 4 | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2 | 088104-31-8 | 94 |
| 5 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

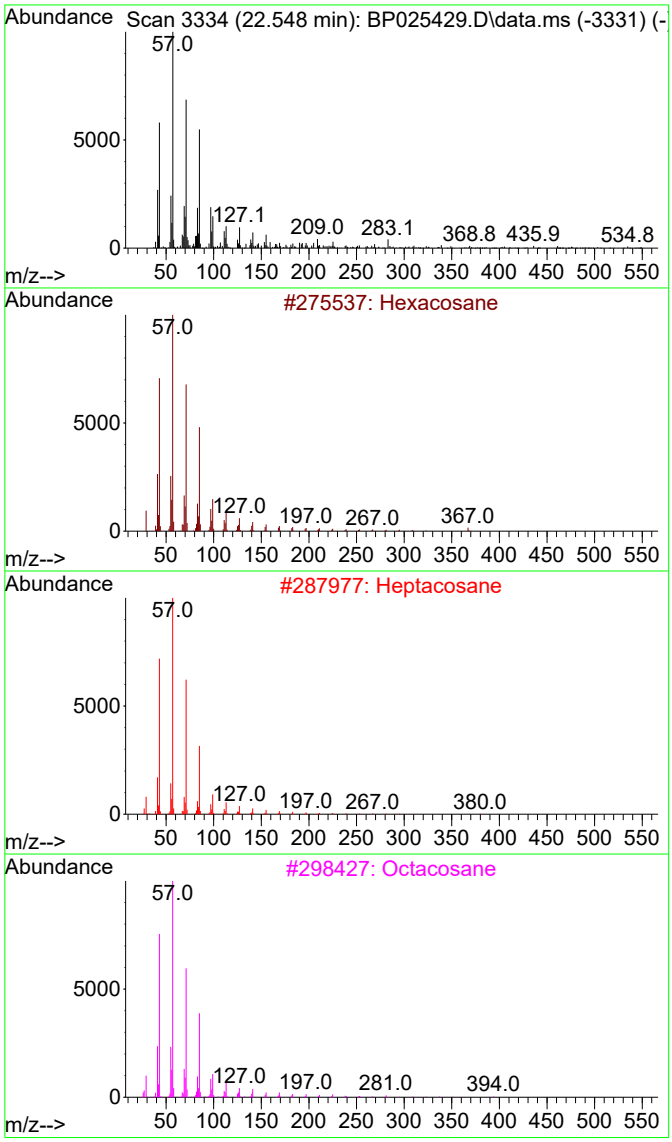
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

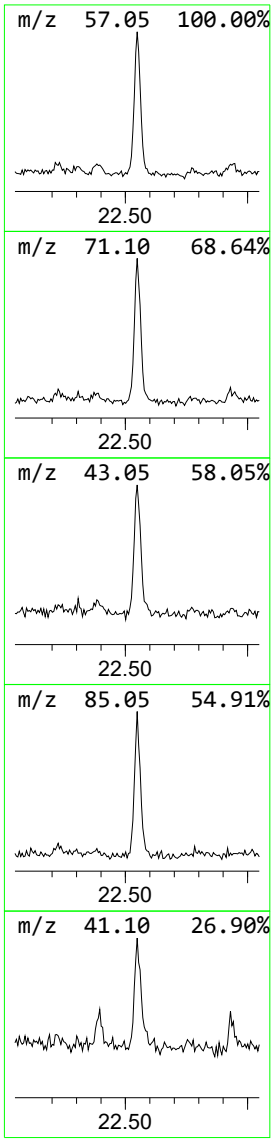
**********

Peak Number 19 Hexacosane Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.548 | 2.44 ng | 258723 | Chrysene-d12 | 21.624 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 4 | Tricosane | 324 | C23H48 | 000638-67-5 | 87 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

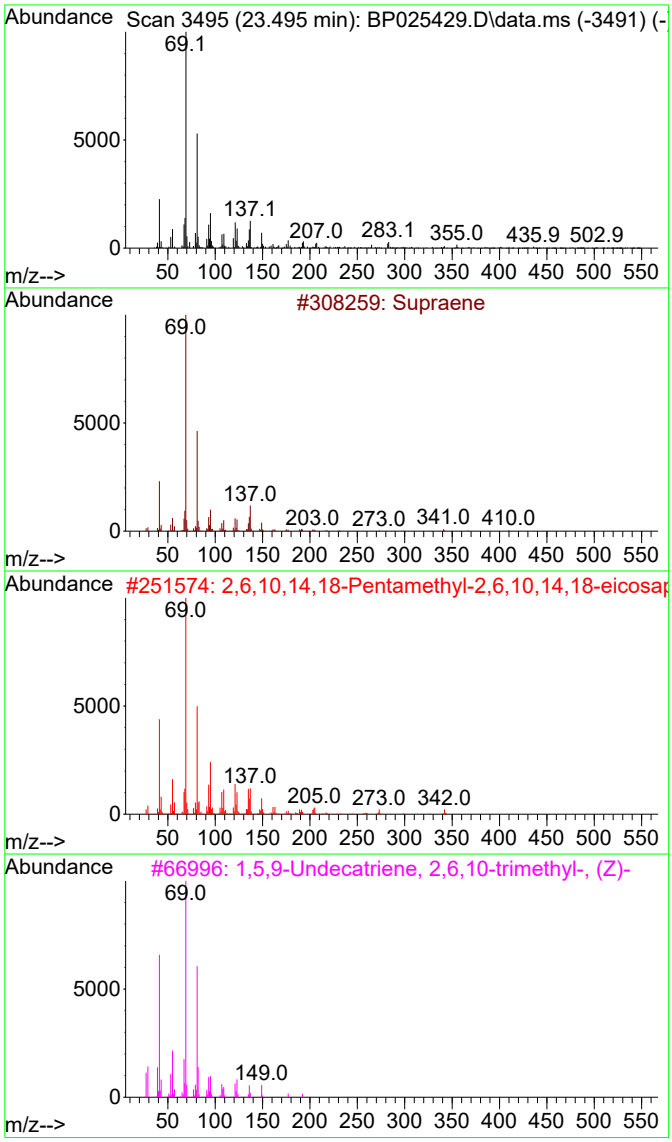
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

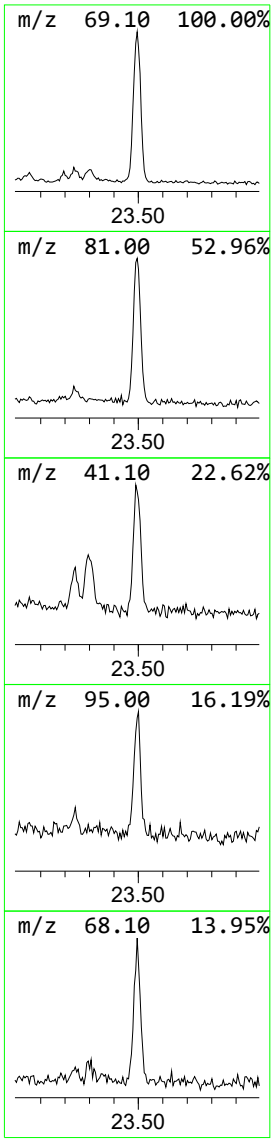
**********

Peak Number 20 Supraene Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.495 | 2.37 ng | 275869 | Perylene-d12 | 24.983 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Supraene | 410 | C30H50 | 007683-64-9 | 96 |
| 2 | 2,6,10,14,18-Pentamethyl-2,6,10,... | 342 | C25H42 | 075581-03-2 | 90 |
| 3 | 1,5,9-Undecatriene, 2,6,10-trime... | 192 | C14H24 | 062951-96-6 | 74 |
| 4 | Squalene | 410 | C30H50 | 000111-02-4 | 72 |
| 5 | 2,6,10,14-Hexadecatetraenoic aci... | 332 | C22H36O2 | 024035-35-6 | 72 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025429.D
Acq On : 15 Aug 2025 16:12
Operator : CG/JU
Sample : Q2814-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TW-518R-S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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 |
| Butane, 2-metho... | 3.037 | 72.5 | ng | 2928630 | 1 | 7.784 | 807651 | 20.0 |
| 2-Pentanone, 4-... | 4.943 | 5.8 | ng | 233412 | 1 | 7.784 | 807651 | 20.0 |
| Benzophenone | 15.772 | 7.0 | ng | 567152 | 3 | 14.395 | 1619660 | 20.0 |
| 1-(4-Pyridinyl)... | 16.172 | 5.8 | ng | 572507 | 4 | 17.195 | 1979870 | 20.0 |
| Phenol, 4-(1,1,... | 16.266 | 8.1 | ng | 800525 | 4 | 17.195 | 1979870 | 20.0 |
| unknown16.331 | 16.331 | 13.4 | ng | 1329710 | 4 | 17.195 | 1979870 | 20.0 |
| 4-(7-Methylocty... | 16.389 | 8.8 | ng | 874696 | 4 | 17.195 | 1979870 | 20.0 |
| unknown16.436 | 16.436 | 7.5 | ng | 747578 | 4 | 17.195 | 1979870 | 20.0 |
| unknown16.483 | 16.483 | 5.6 | ng | 557665 | 4 | 17.195 | 1979870 | 20.0 |
| Acetamide, N-(2... | 16.542 | 4.9 | ng | 481657 | 4 | 17.195 | 1979870 | 20.0 |
| 5H-Pyrrolo(3,2-... | 16.595 | 13.8 | ng | 1368210 | 4 | 17.195 | 1979870 | 20.0 |
| 4-(1,1-Dimethyl... | 16.666 | 8.3 | ng | 827057 | 4 | 17.195 | 1979870 | 20.0 |
| Acetamide, N-(3... | 16.701 | 3.1 | ng | 309821 | 4 | 17.195 | 1979870 | 20.0 |
| 6-Amino-1-methy... | 16.742 | 5.0 | ng | 496366 | 4 | 17.195 | 1979870 | 20.0 |
| n-Hexadecanoic ... | 18.142 | 10.4 | ng | 1034210 | 4 | 17.195 | 1979870 | 20.0 |
| Dimantine | 19.166 | 5.4 | ng | 538250 | 4 | 17.195 | 1979870 | 20.0 |
| Octadecanoic acid | 19.466 | 5.2 | ng | 545452 | 5 | 21.624 | 2117070 | 20.0 |
| Ethanol, 2-(tet... | 21.307 | 6.5 | ng | 685506 | 5 | 21.624 | 2117070 | 20.0 |
| Hexacosane | 22.548 | 2.4 | ng | 258723 | 5 | 21.624 | 2117070 | 20.0 |
| Supraene | 23.495 | 2.4 | ng | 275869 | 6 | 24.983 | 2332250 | 20.0 |