

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112322\  
 Data File : BF131383.D  
 Acq On : 24 Nov 2022 03:00  
 Operator : CG\JU  
 Sample : N5642-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PILE-21

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\_F\Methods\8270-BF112122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131383.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.293       | 28            | 35          | 41           | rVB      | 947783         | 1296677       | 47.66%          | 6.425%        |
| 2         | 5.187       | 522           | 527         | 536          | rVB      | 343677         | 426572        | 15.68%          | 2.114%        |
| 3         | 5.569       | 587           | 592         | 595          | rBV      | 2661266        | 2720768       | 100.00%         | 13.481%       |
| 4         | 6.569       | 756           | 762         | 765          | rBV      | 2234841        | 2669262       | 98.11%          | 13.226%       |
| 5         | 6.951       | 824           | 827         | 831          | rBV      | 749716         | 667222        | 24.52%          | 3.306%        |
| 6         | 7.522       | 918           | 924         | 927          | rBV      | 1672913        | 1659556       | 61.00%          | 8.223%        |
| 7         | 8.240       | 1042          | 1046        | 1050         | rBV      | 853902         | 774756        | 28.48%          | 3.839%        |
| 8         | 9.322       | 1225          | 1230        | 1233         | rBV      | 2962090        | 2623552       | 96.43%          | 13.000%       |
| 9         | 10.004      | 1342          | 1346        | 1350         | rBV      | 839206         | 724543        | 26.63%          | 3.590%        |
| 10        | 10.722      | 1465          | 1468        | 1472         | rVB      | 413137         | 312126        | 11.47%          | 1.547%        |
| 11        | 10.798      | 1477          | 1481        | 1484         | rBV      | 1665905        | 1359685       | 49.97%          | 6.737%        |
| 12        | 11.504      | 1597          | 1601        | 1604         | rBV      | 731986         | 641249        | 23.57%          | 3.177%        |
| 13        | 11.604      | 1615          | 1618        | 1621         | rVB      | 40718          | 30645         | 1.13%           | 0.152%        |
| 14        | 12.022      | 1682          | 1689        | 1696         | rBV      | 180040         | 175379        | 6.45%           | 0.869%        |
| 15        | 12.810      | 1820          | 1823        | 1829         | rBV3     | 40837          | 41638         | 1.53%           | 0.206%        |
| 16        | 13.098      | 1868          | 1872        | 1875         | rBV      | 2482748        | 2187888       | 80.41%          | 10.841%       |
| 17        | 13.669      | 1964          | 1969        | 1971         | rBV2     | 35421          | 37936         | 1.39%           | 0.188%        |
| 18        | 14.004      | 2022          | 2026        | 2027         | rBV2     | 63990          | 67680         | 2.49%           | 0.335%        |
| 19        | 14.157      | 2048          | 2052        | 2056         | rVB      | 650855         | 587986        | 21.61%          | 2.913%        |
| 20        | 14.257      | 2064          | 2069        | 2075         | rBV      | 125209         | 155886        | 5.73%           | 0.772%        |
| 21        | 14.316      | 2077          | 2079        | 2086         | rVB      | 47250          | 48436         | 1.78%           | 0.240%        |
| 22        | 14.627      | 2129          | 2132        | 2136         | rVB      | 65821          | 56829         | 2.09%           | 0.282%        |
| 23        | 14.957      | 2185          | 2188        | 2192         | rVB      | 65904          | 67262         | 2.47%           | 0.333%        |
| 24        | 15.039      | 2199          | 2202        | 2207         | rVB      | 54582          | 56372         | 2.07%           | 0.279%        |
| 25        | 15.321      | 2246          | 2250        | 2253         | rVB      | 69516          | 81054         | 2.98%           | 0.402%        |
| 26        | 15.698      | 2309          | 2314        | 2317         | rBV      | 338834         | 425196        | 15.63%          | 2.107%        |
| 27        | 15.733      | 2317          | 2320        | 2326         | rVB      | 73490          | 95244         | 3.50%           | 0.472%        |
| 28        | 16.210      | 2396          | 2401        | 2406         | rVB2     | 66028          | 104961        | 3.86%           | 0.520%        |
| 29        | 16.757      | 2490          | 2494        | 2501         | rVB      | 45776          | 85222         | 3.13%           | 0.422%        |

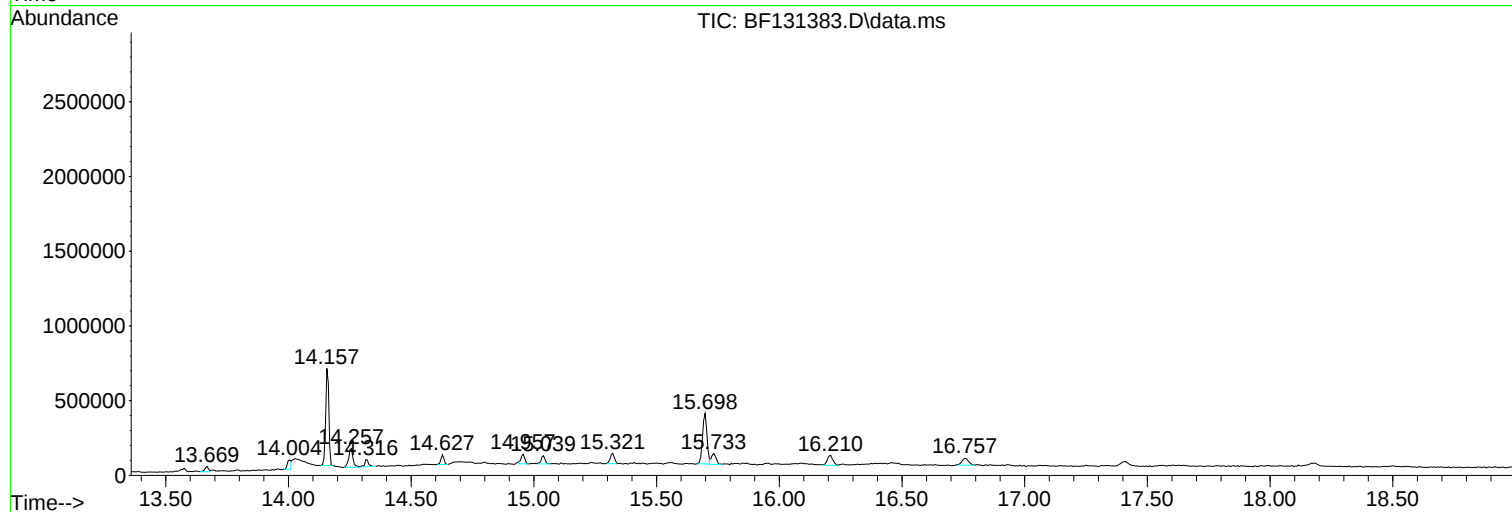
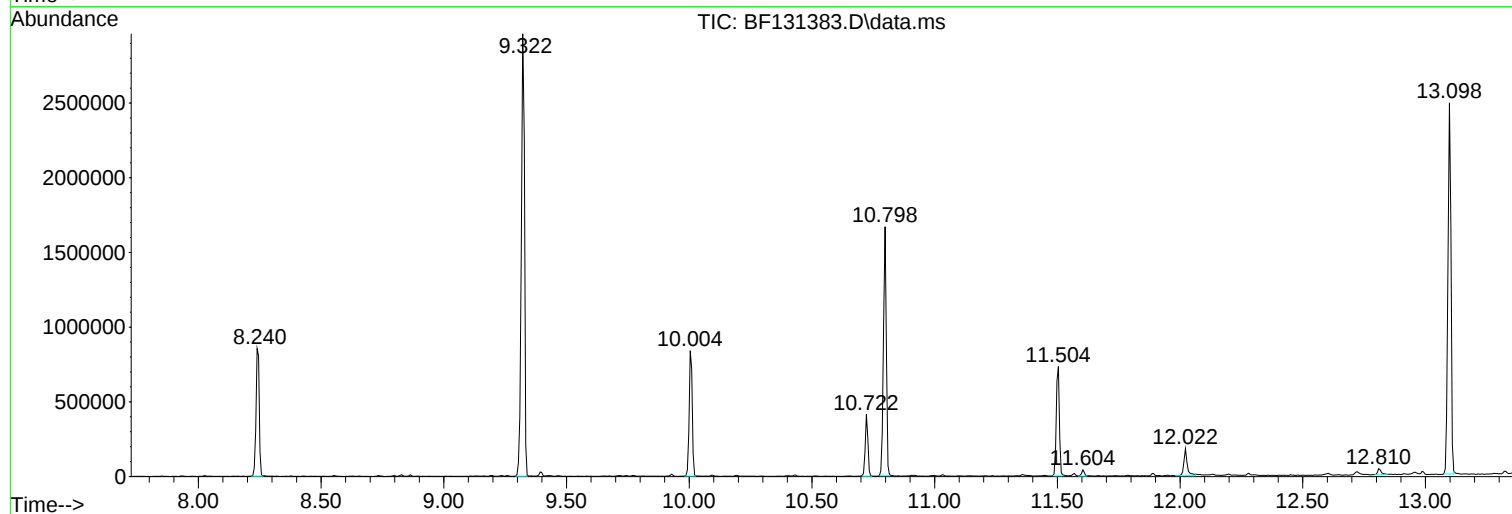
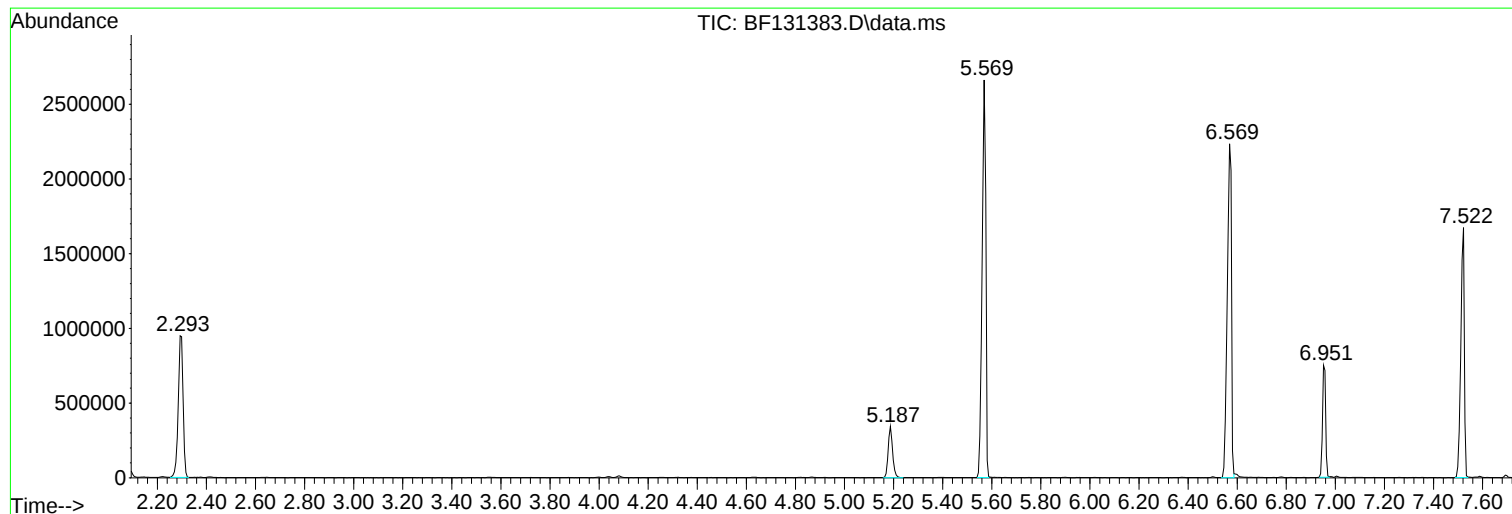
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ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PILE-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.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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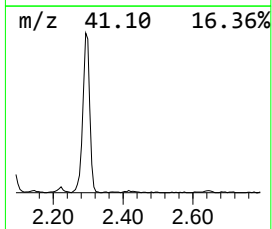
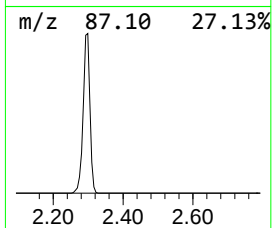
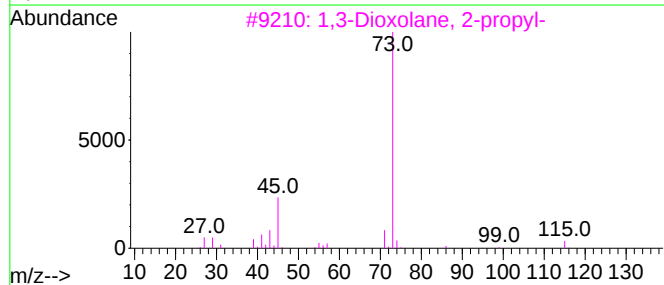
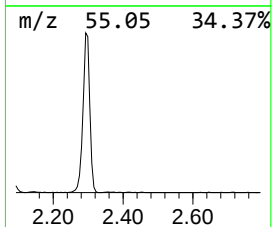
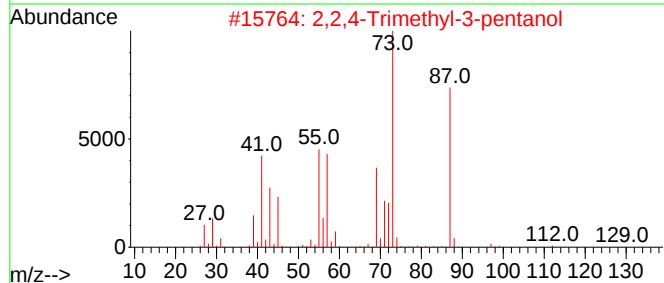
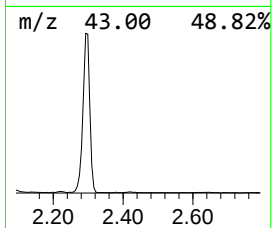
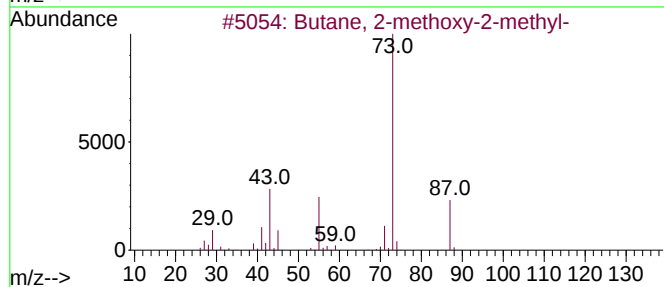
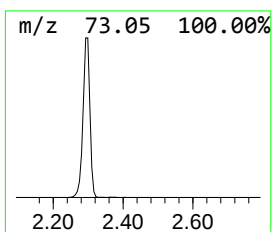
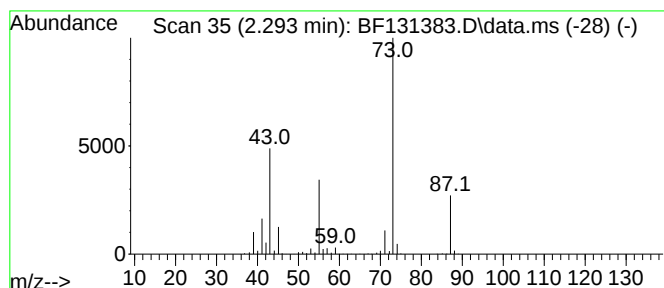
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.293 | 38.87 ng | 1296680 | 1,4-Dichlorobenzene-d4 | 6.957 |

| 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-propyl-    | 116 | C6H12O2 | 003390-13-4 | 23   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 23   |
| 5    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 17   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

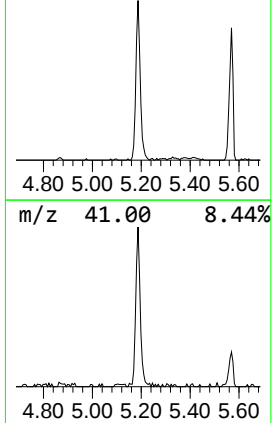
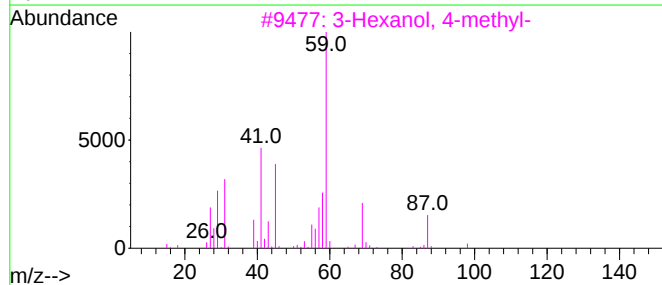
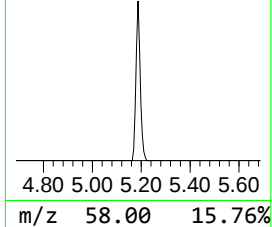
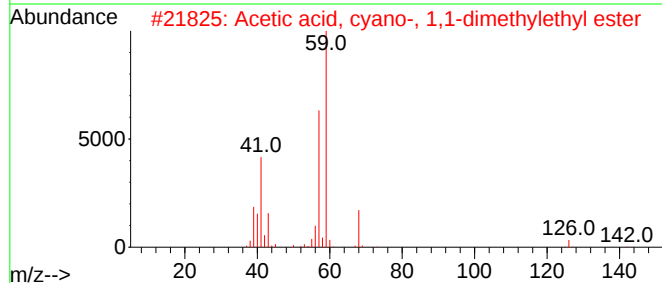
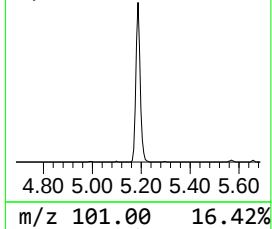
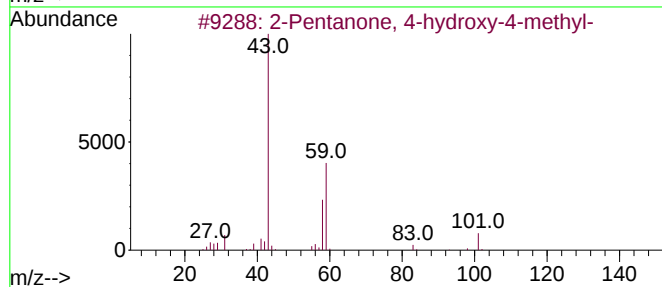
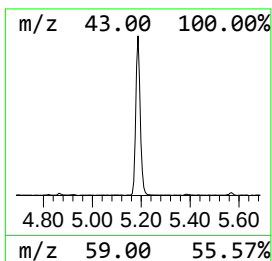
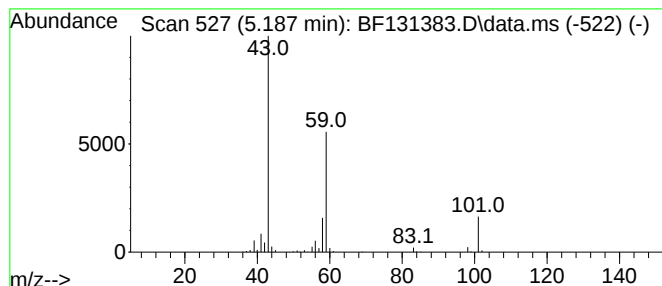
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.187 | 12.79 ng | 426572 | 1,4-Dichlorobenzene-d4 | 6.957 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 64      |      |      |
| 2    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 37      |      |      |
| 3    | 3-Hexanol, 4-methyl-                | 116 | C7H16O       | 000615-29-2 | 33      |      |      |
| 4    | 2-Hexanol, 2-methyl-                | 116 | C7H16O       | 000625-23-0 | 28      |      |      |
| 5    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2      | 000540-88-5 | 28      |      |      |



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Sample : N5642-01  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PILE-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

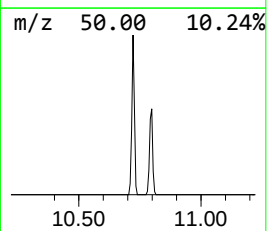
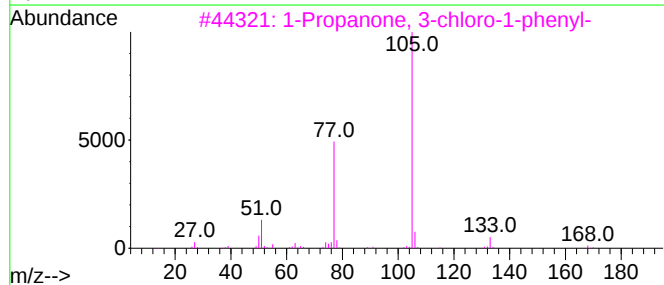
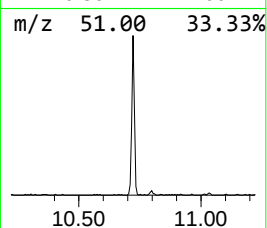
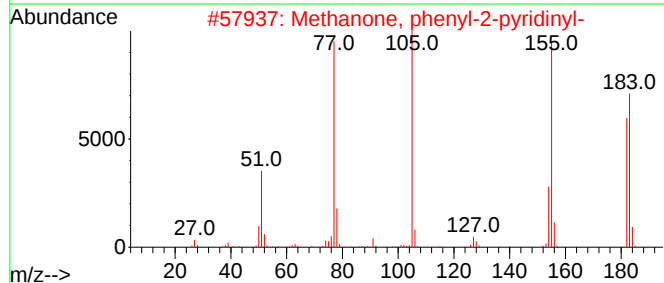
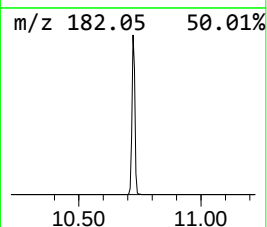
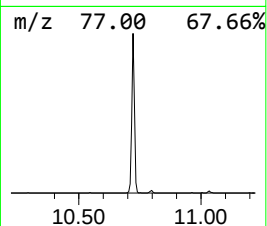
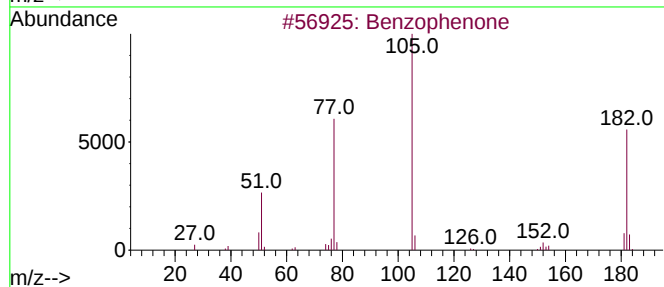
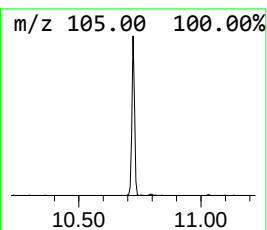
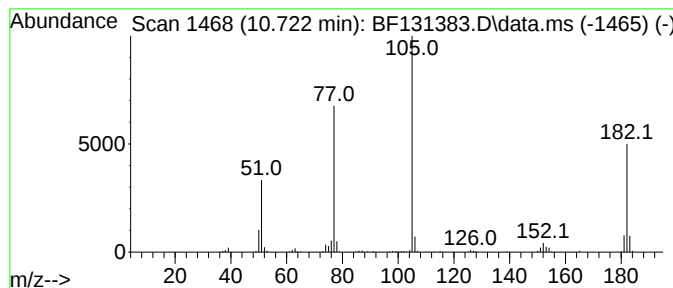
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzophenone Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.722 | 8.62 ng | 312126 | Acenaphthene-d10 | 10.004 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O    | 000119-61-9  | 96   |
| 2    |    |   | Methanone, phenyl-2-pyridinyl-      | 183 | C12H9NO    | 000091-02-1  | 78   |
| 3    |    |   | 1-Propanone, 3-chloro-1-phenyl-     | 168 | C9H9ClO    | 000936-59-4  | 50   |
| 4    |    |   | Vinyl benzoate                      | 148 | C9H8O2     | 000769-78-8  | 50   |
| 5    |    |   | N-Methylbenzamide, N-pentafluoro... | 281 | C11H8F5NO2 | 1000446-98-1 | 50   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

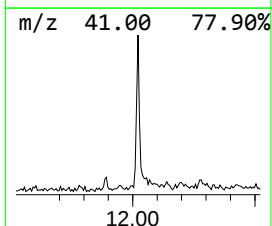
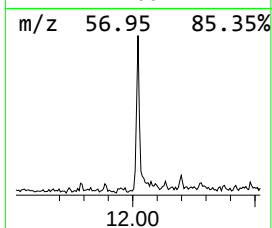
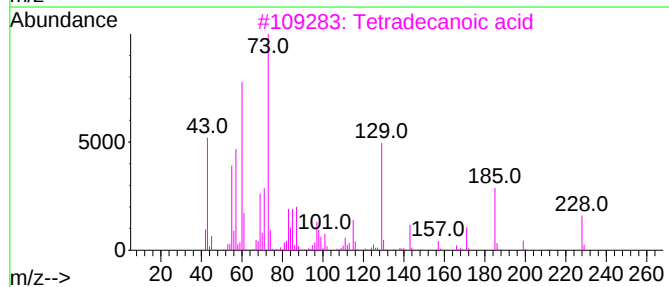
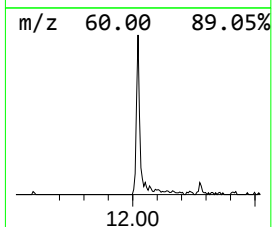
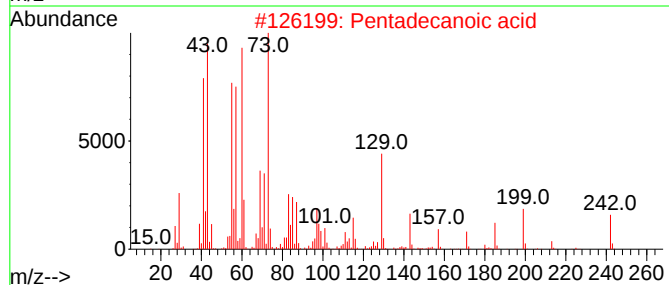
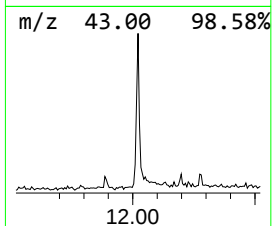
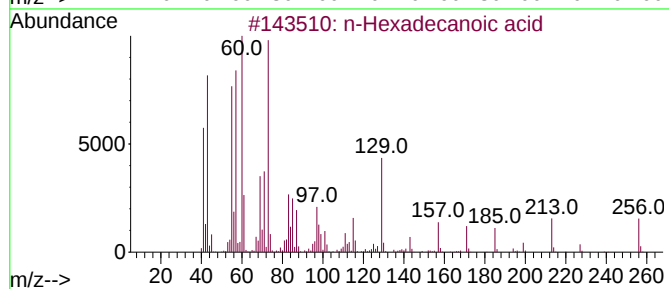
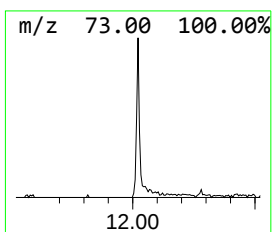
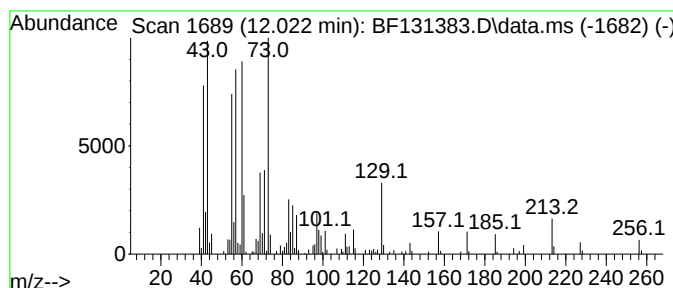
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.022 | 5.47 ng | 175379 | Phenanthrene-d10 | 11.504 |

| 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 | 90   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 87   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 87   |
| 5    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 72   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
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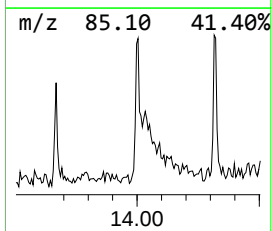
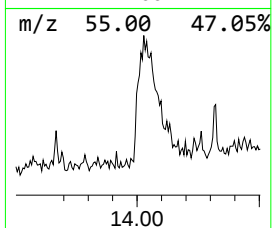
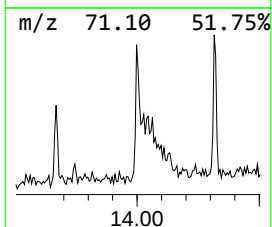
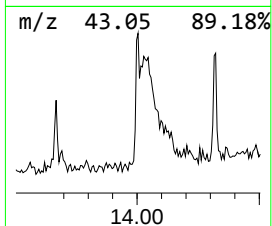
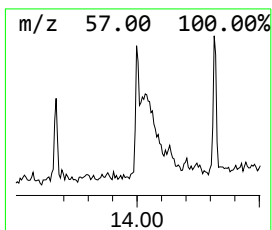
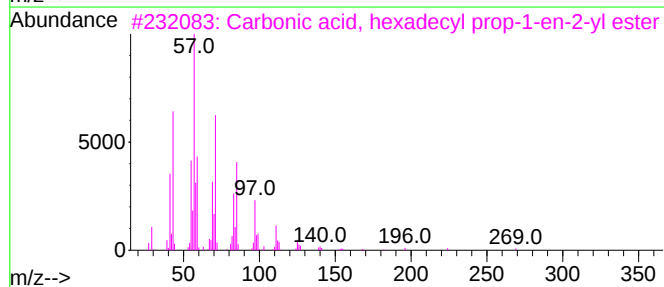
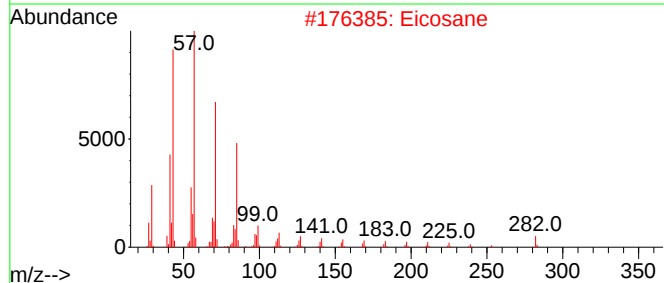
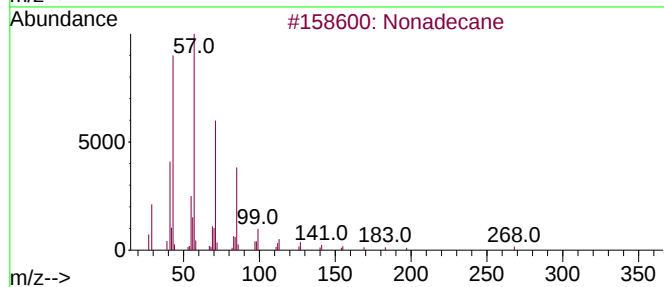
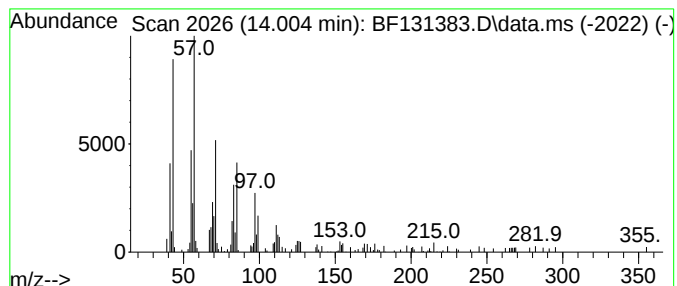
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Nonadecane Concentration Rank 11

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.004 | 2.30 ng | 67680 | Chrysene-d12     | 14.157 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Nonadecane                          | 268 | C19H40    | 000629-92-5  | 92   |
| 2    |    |   | Eicosane                            | 282 | C20H42    | 000112-95-8  | 92   |
| 3    |    |   | Carbonic acid, hexadecyl prop-1-... | 326 | C20H38O3  | 1000382-90-3 | 91   |
| 4    |    |   | 1-Chloroeicosane                    | 316 | C20H41Cl  | 042217-02-7  | 86   |
| 5    |    |   | Sulfurous acid, butyl heptadecyl... | 376 | C21H44O3S | 1000309-18-4 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112322\  
Data File : BF131383.D  
Acq On : 24 Nov 2022 03:00  
Operator : CG\JU  
Sample : N5642-01  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PILE-21

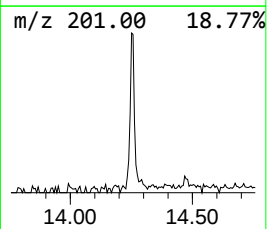
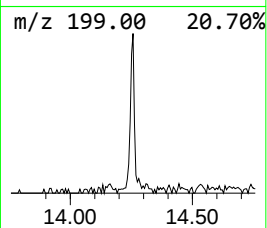
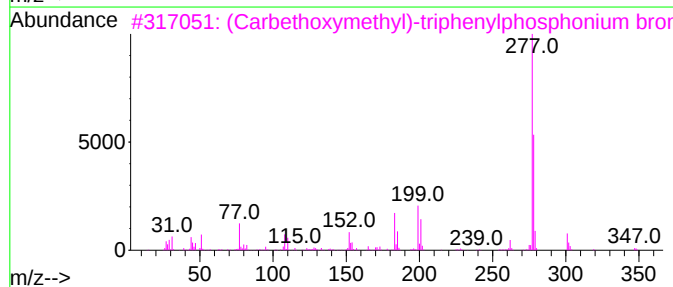
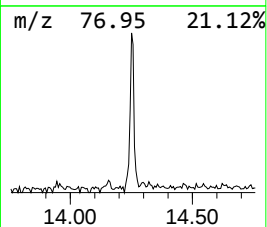
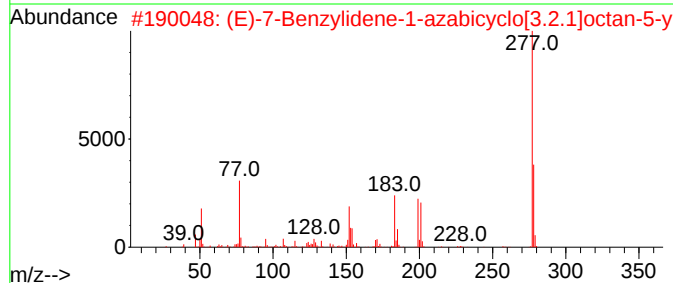
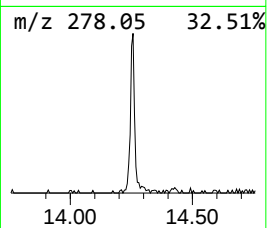
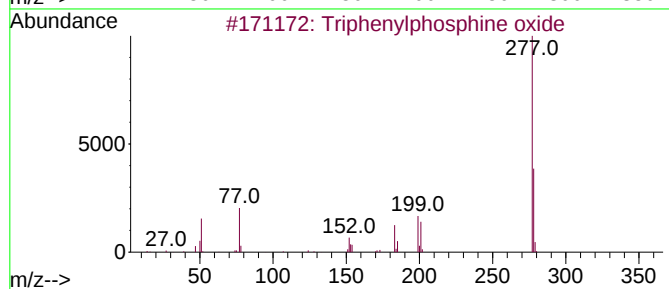
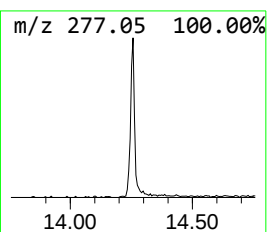
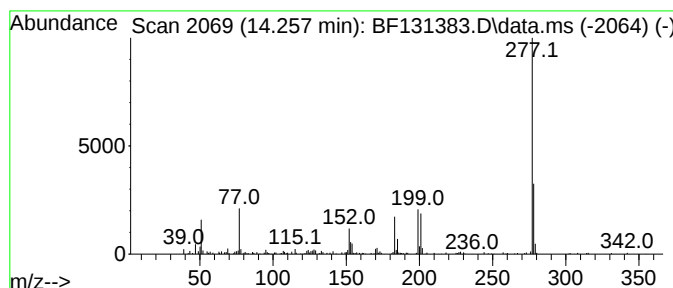
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Triphenylphosphine oxide Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.257 | 5.30 ng | 155886 | Chrysene-d12     | 14.157 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm     | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide             | 278 | C18H15OP    | 000791-28-6  | 96   |
| 2    |    |   | (E)-7-Benzylidene-1-azabicyclo[3...] | 293 | C15H19NO3S  | 1000483-83-4 | 52   |
| 3    |    |   | (Carbethoxymethyl)-triphenylphos...  | 428 | C22H22BrO2P | 001530-45-6  | 50   |
| 4    |    |   | Vanadium, cycloheptatrienyl-(pen...  | 277 | C17H22V     | 1000155-20-5 | 38   |
| 5    |    |   | Formaldehyde, (triphenylphosphor...  | 304 | C19H17N2P   | 015990-54-2  | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112322\  
Data File : BF131383.D  
Acq On : 24 Nov 2022 03:00  
Operator : CG\JU  
Sample : N5642-01  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PILE-21

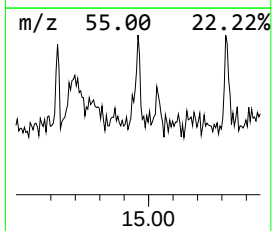
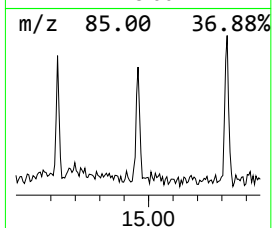
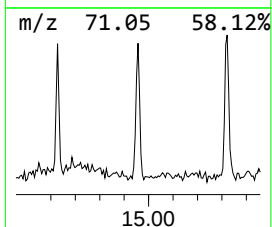
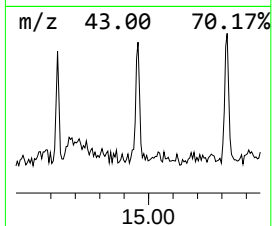
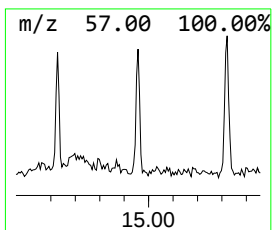
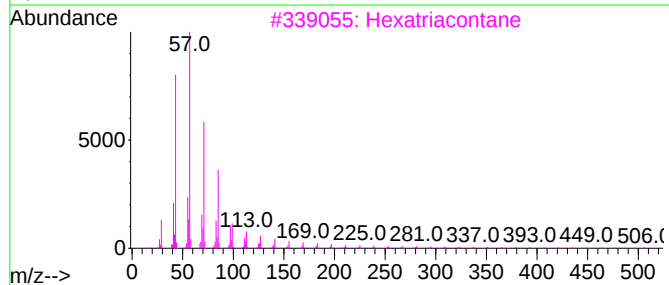
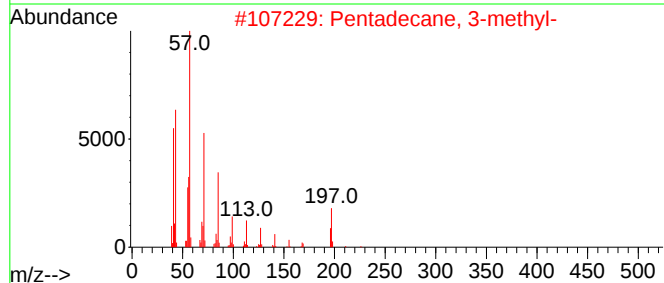
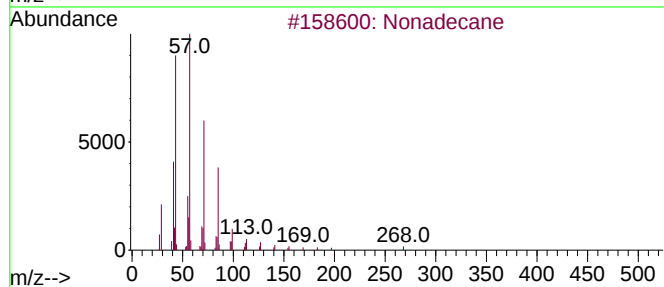
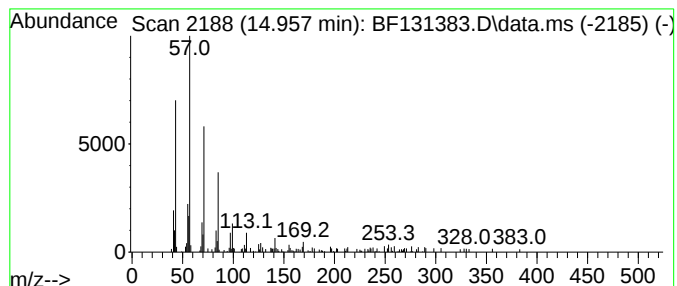
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Pentadecane, 3-methyl- Concentration Rank 9

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.957 | 3.16 ng | 67262 | Perylene-d12     | 15.698 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonadecane             | 268 | C19H40  | 000629-92-5 | 91   |
| 2    |    |   | Pentadecane, 3-methyl- | 226 | C16H34  | 002882-96-4 | 87   |
| 3    |    |   | Hexatriacontane        | 507 | C36H74  | 000630-06-8 | 83   |
| 4    |    |   | Eicosane, 9-octyl-     | 394 | C28H58  | 013475-77-9 | 83   |
| 5    |    |   | Eicosane, 2-methyl-    | 296 | C21H44  | 001560-84-5 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112322\  
Data File : BF131383.D  
Acq On : 24 Nov 2022 03:00  
Operator : CG\JU  
Sample : N5642-01  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PILE-21

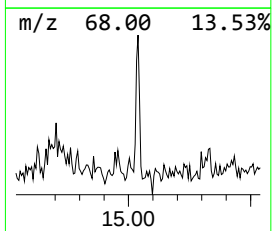
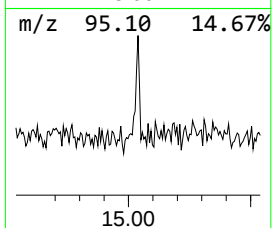
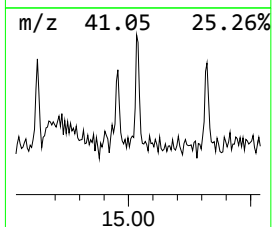
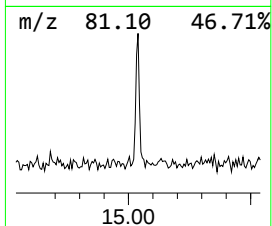
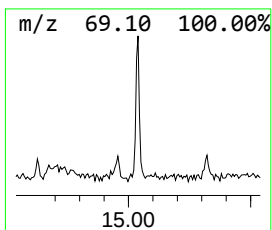
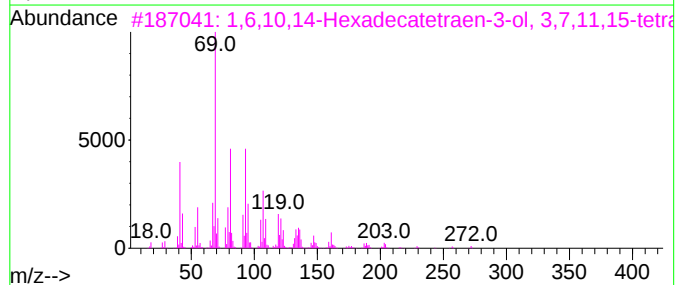
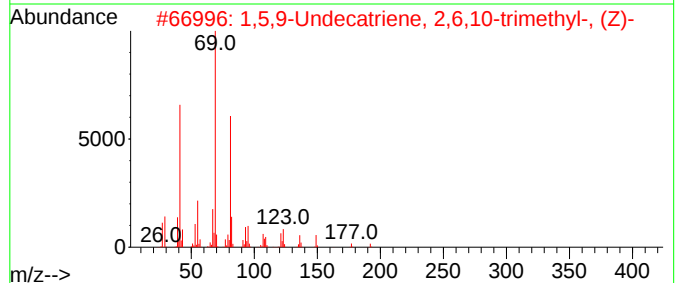
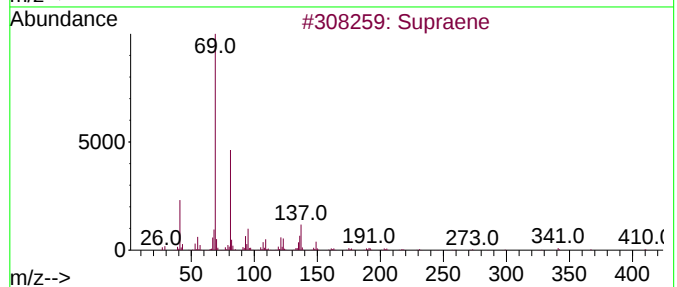
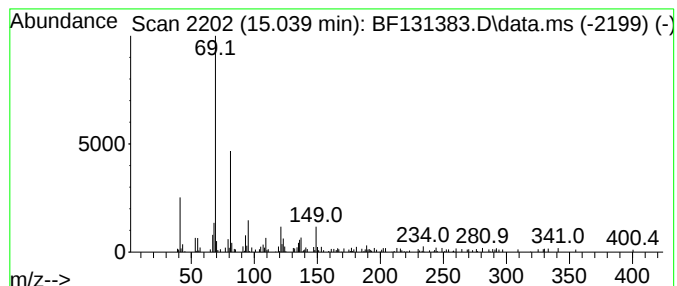
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Supraene Concentration Rank 10

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 15.039 | 2.65 ng | 56372 | Perylene-d12     | 15.698 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Supraene                            | 410 | C30H50   | 007683-64-9  | 64   |
| 2    |    |   | 1,5,9-Undecatriene, 2,6,10-trime... | 192 | C14H24   | 062951-96-6  | 56   |
| 3    |    |   | 1,6,10,14-Hexadecatetraen-3-ol, ... | 290 | C20H34O  | 001113-21-9  | 53   |
| 4    |    |   | 2-propenoic acid, 2-methyl-, 4-f... | 190 | C11H10O3 | 1000400-21-0 | 53   |
| 5    |    |   | Trideca-1,7,11-triene-1,1-dicarb... | 270 | C18H26N2 | 1000161-46-0 | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112322\  
Data File : BF131383.D  
Acq On : 24 Nov 2022 03:00  
Operator : CG\JU  
Sample : N5642-01  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SOIL-PILE-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
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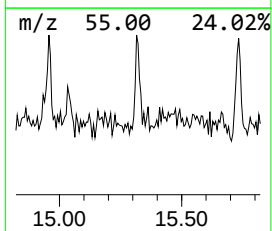
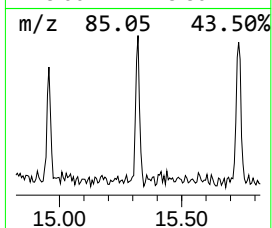
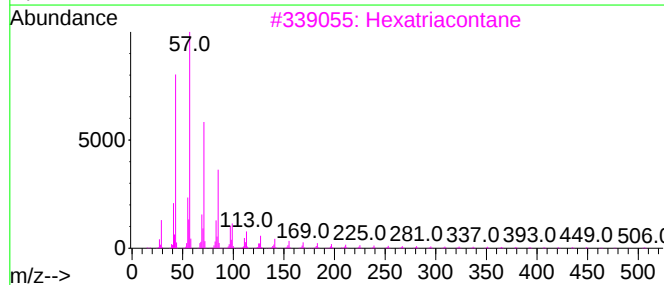
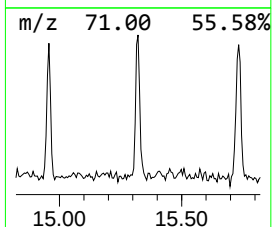
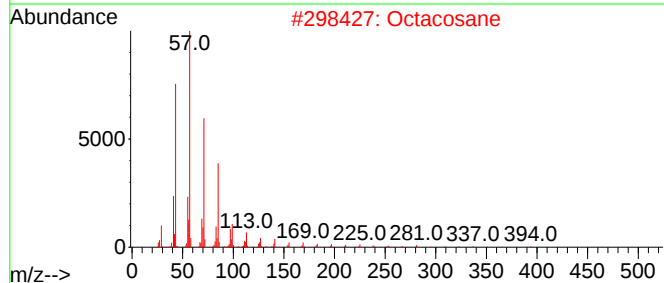
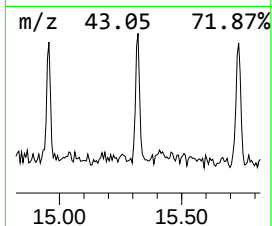
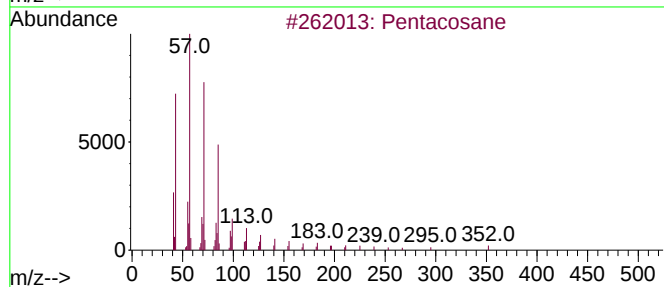
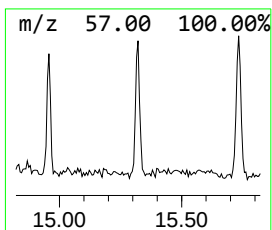
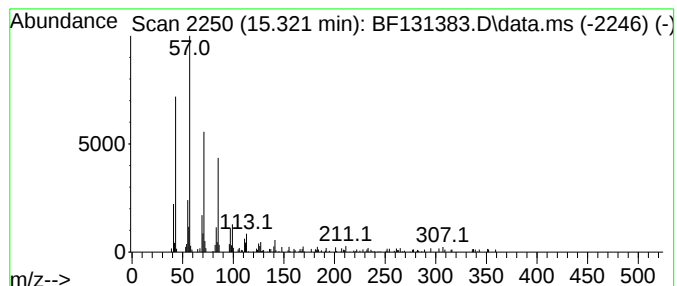
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 Pentacosane Concentration Rank 8

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 15.321 | 3.81 ng | 81054 | Perylene-d12     | 15.698 |

| Hit# | of 5 | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------|-----|---------|-------------|------|
| 1    |      | Pentacosane        | 352 | C25H52  | 000629-99-2 | 96   |
| 2    |      | Octacosane         | 394 | C28H58  | 000630-02-4 | 90   |
| 3    |      | Hexatriacontane    | 507 | C36H74  | 000630-06-8 | 90   |
| 4    |      | Eicosane, 7-hexyl- | 366 | C26H54  | 055333-99-8 | 87   |
| 5    |      | Octadecane         | 254 | C18H38  | 000593-45-3 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112322\  
Data File : BF131383.D  
Acq On : 24 Nov 2022 03:00  
Operator : CG\JU  
Sample : N5642-01  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
SOIL-PILE-21

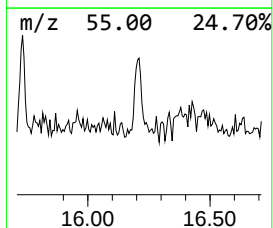
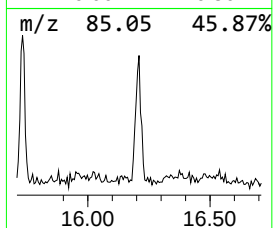
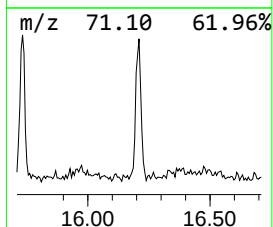
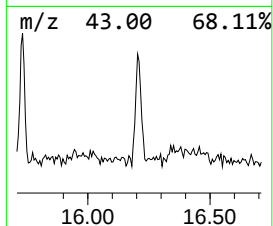
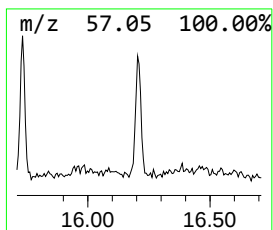
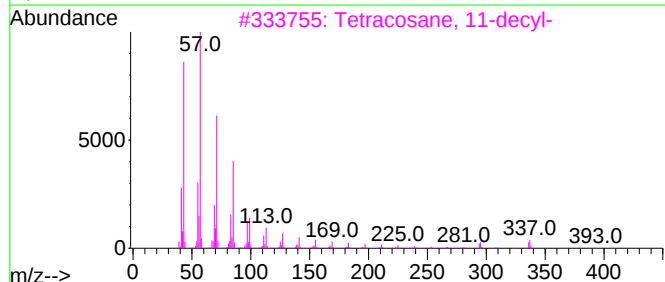
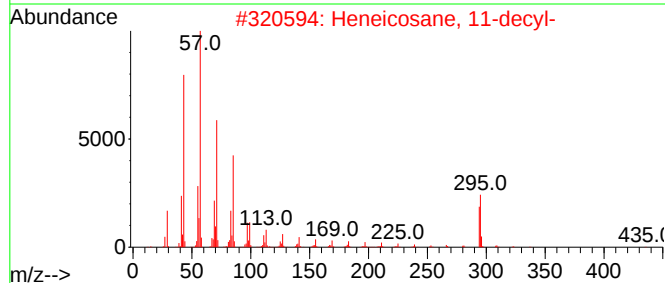
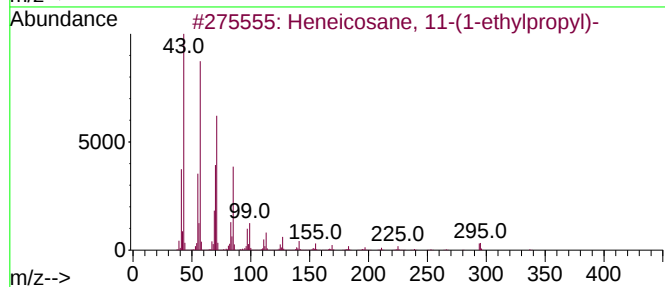
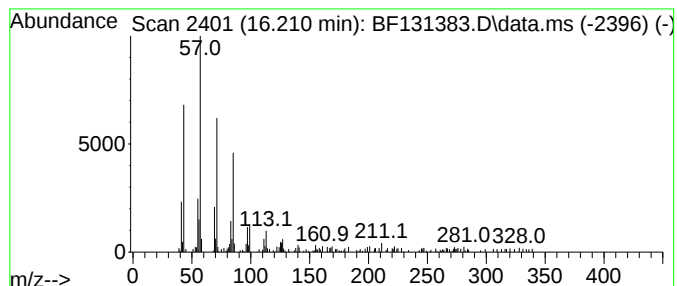
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Heneicosane, 11-(1-ethylpro... Concentration Rank 6

| R.T.      | EstConc                          | Area   | Relative to ISTD | R.T.        |      |
|-----------|----------------------------------|--------|------------------|-------------|------|
| 16.210    | 4.94 ng                          | 104961 | Perylene-d12     | 15.698      |      |
| Hit# of 5 | Tentative ID                     | MW     | MolForm          | CAS#        | Qual |
| 1         | Heneicosane, 11-(1-ethylpropyl)- | 366    | C26H54           | 055282-11-6 | 87   |
| 2         | Heneicosane, 11-decyl-           | 437    | C31H64           | 055320-06-4 | 87   |
| 3         | Tetracosane, 11-decyl-           | 479    | C34H70           | 055429-84-0 | 87   |
| 4         | Octacosane, 2-methyl-            | 408    | C29H60           | 001560-98-1 | 87   |
| 5         | Tetratetracontane                | 619    | C44H90           | 007098-22-8 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112322\  
Data File : BF131383.D  
Acq On : 24 Nov 2022 03:00  
Operator : CG\JU  
Sample : N5642-01  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
SOIL-PILE-21

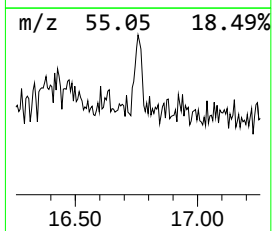
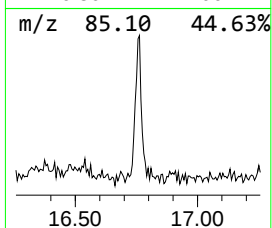
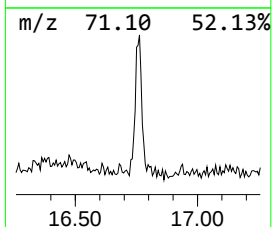
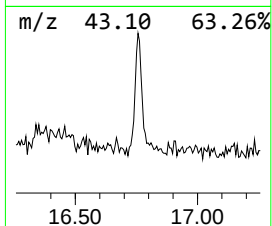
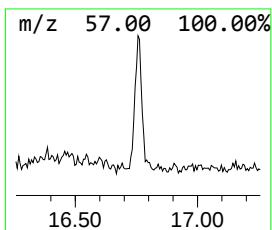
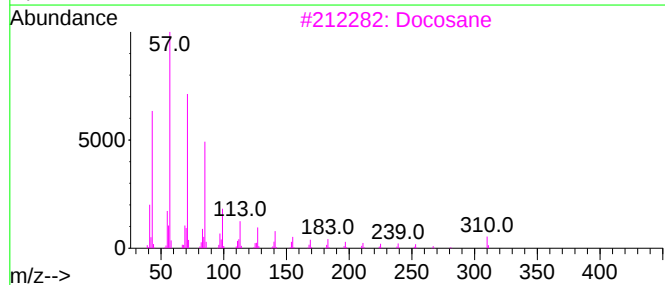
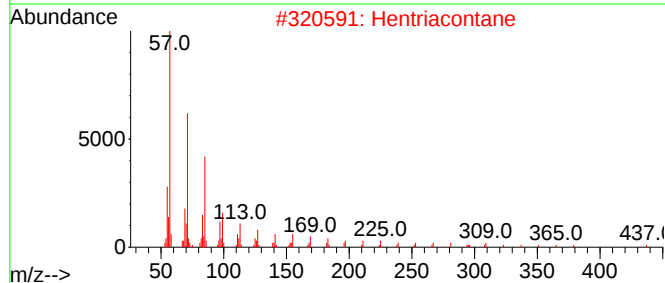
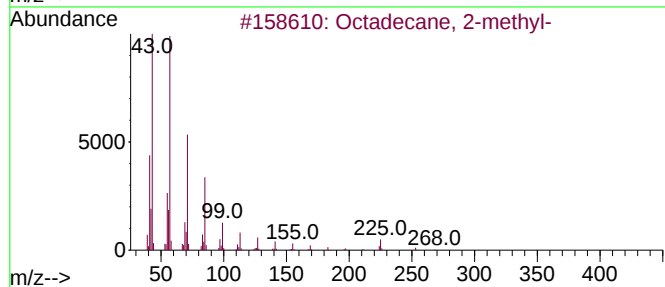
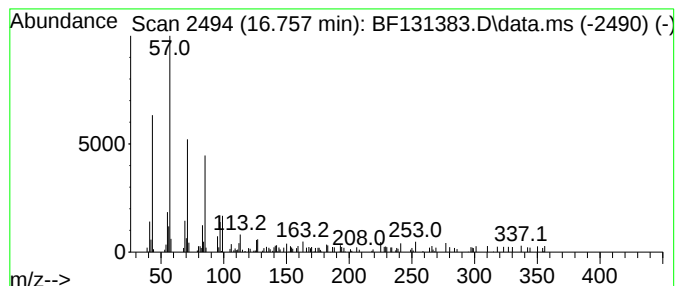
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 Octadecane, 2-methyl- Concentration Rank 7

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 16.757 | 4.01 ng | 85222 | Perylene-d12     | 15.698 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | Octadecane, 2-methyl- | 268 | C19H40  | 001560-88-9 | 87   |
| 2    |      | Hentriacontane        | 437 | C31H64  | 000630-04-6 | 83   |
| 3    |      | Docosane              | 310 | C22H46  | 000629-97-0 | 83   |
| 4    |      | Heneicosane           | 296 | C21H44  | 000629-94-7 | 80   |
| 5    |      | Octadecane            | 254 | C18H38  | 000593-45-3 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112322\  
 Data File : BF131383.D  
 Acq On : 24 Nov 2022 03:00  
 Operator : CG\JU  
 Sample : N5642-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SOIL-PILE-21

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF112122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Butane, 2-metho... | 2.293  | 38.9    | ng    | 1296680  | 1                     | 6.957  | 667222 | 20.0 |
| 2-Pentanone, 4-... | 5.187  | 12.8    | ng    | 426572   | 1                     | 6.957  | 667222 | 20.0 |
| Benzophenone       | 10.722 | 8.6     | ng    | 312126   | 3                     | 10.004 | 724543 | 20.0 |
| n-Hexadecanoic ... | 12.022 | 5.5     | ng    | 175379   | 4                     | 11.504 | 641249 | 20.0 |
| Nonadecane         | 14.004 | 2.3     | ng    | 67680    | 5                     | 14.157 | 587986 | 20.0 |
| Triphenylphosph... | 14.257 | 5.3     | ng    | 155886   | 5                     | 14.157 | 587986 | 20.0 |
| Pentadecane, 3-... | 14.957 | 3.2     | ng    | 67262    | 6                     | 15.698 | 425196 | 20.0 |
| Supraene           | 15.039 | 2.6     | ng    | 56372    | 6                     | 15.698 | 425196 | 20.0 |
| Pentacosane        | 15.321 | 3.8     | ng    | 81054    | 6                     | 15.698 | 425196 | 20.0 |
| Heneicosane, 11... | 16.210 | 4.9     | ng    | 104961   | 6                     | 15.698 | 425196 | 20.0 |
| Octadecane, 2-m... | 16.757 | 4.0     | ng    | 85222    | 6                     | 15.698 | 425196 | 20.0 |