LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020527.D
Acq On : 05 Jun 2024 22:00
Operator : MA/JU
Sample : P2662-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
WCS-TPR

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-BP052924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP020527.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.040 | 4 | 9 | 26 | rVB | 2925431 | 3643074 | 21.67% | 4.514% |
| 2 | 3.558 | 93 | 97 | 110 | rBV | 498473 | 654489 | 3.89% | 0.811% |
| 3 | 5.381 | 399 | 407 | 416 | rBV | 5184740 | 7664454 | 45.58% | 9.496% |
| 4 | 6.934 | 661 | 671 | 690 | rBV | 5131256 | 7931846 | 47.17% | 9.827% |
| 5 | 7.363 | 739 | 744 | 755 | rBV | 132806 | 212960 | 1.27% | 0.264% |
| 6 | 7.769 | 804 | 813 | 820 | rBV | 865084 | 1444522 | 8.59% | 1.790% |
| 7 | 8.910 | 996 | 1007 | 1018 | rBV | 3094418 | 5252237 | 31.24% | 6.507% |
| 8 | 9.469 | 1093 | 1102 | 1108 | rBV | 110176 | 179316 | 1.07% | 0.222% |
| 9 | 10.528 | 1275 | 1282 | 1290 | rBV | 1084863 | 1981714 | 11.79% | 2.455% |
| 10 | 11.275 | 1400 | 1409 | 1418 | rBV | 281353 | 509469 | 3.03% | 0.631% |
| 11 | 13.004 | 1694 | 1703 | 1711 | rBV | 7246963 | 11608128 | 69.03% | 14.382% |
| 12 | 14.392 | 1931 | 1939 | 1946 | rBV | 1704916 | 2558847 | 15.22% | 3.170% |
| 13 | 15.904 | 2189 | 2196 | 2205 | rBV | 5928960 | 8630180 | 51.32% | 10.692% |
| 14 | 17.198 | 2409 | 2416 | 2430 | rBV | 1999853 | 3035735 | 18.05% | 3.761% |
| 15 | 18.145 | 2572 | 2577 | 2589 | rBV2 | 317522 | 539879 | 3.21% | 0.669% |
| 16 | 19.480 | 2800 | 2804 | 2821 | rVB | 154566 | 237120 | 1.41% | 0.294% |
| 17 | 19.933 | 2875 | 2881 | 2887 | rBV | 13447444 | 16815089 | 100.00% | 20.833% |
| 18 | 21.333 | 3114 | 3119 | 3126 | rBV | 416419 | 750973 | 4.47% | 0.930% |
| 19 | 21.645 | 3167 | 3172 | 3180 | rVB2 | 2236491 | 3387590 | 20.15% | 4.197% |
| 20 | 24.992 | 3732 | 3741 | 3753 | rVB | 1330226 | 3676959 | 21.87% | 4.556% |

Sum of corrected areas: 80714581

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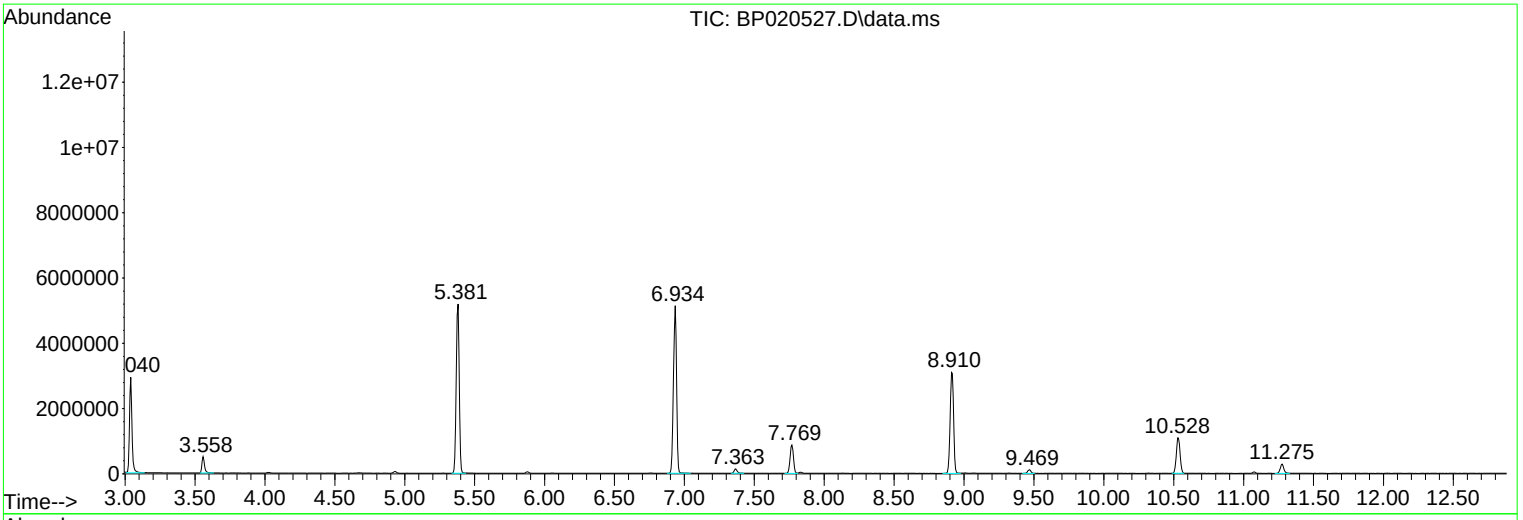
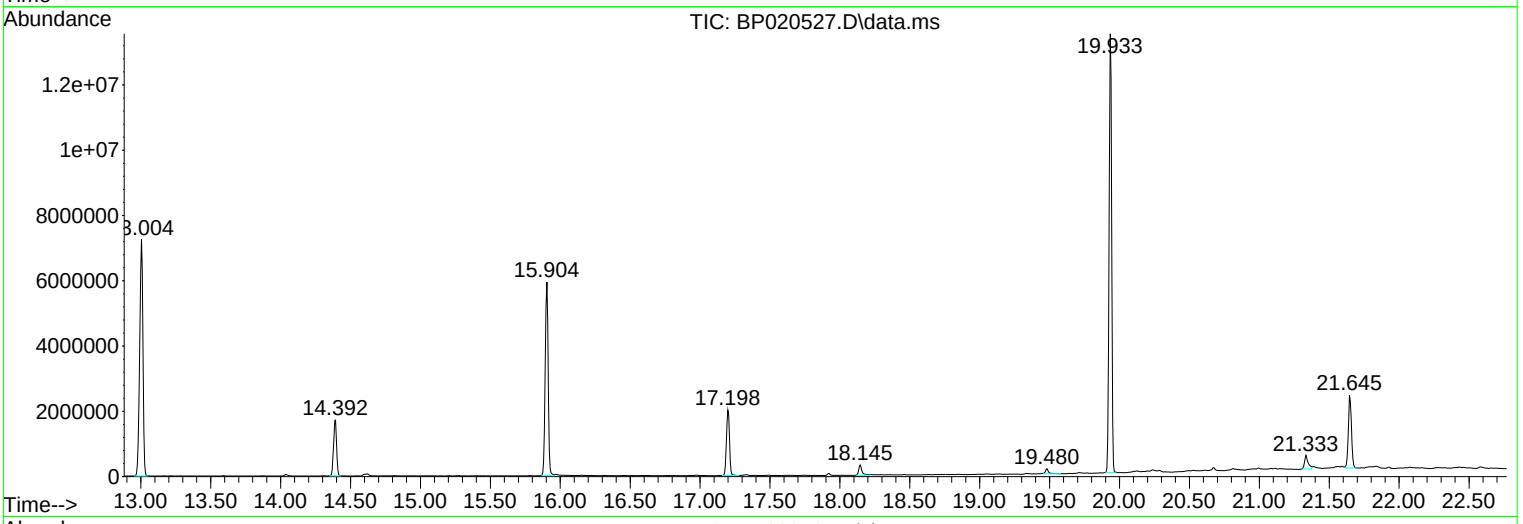
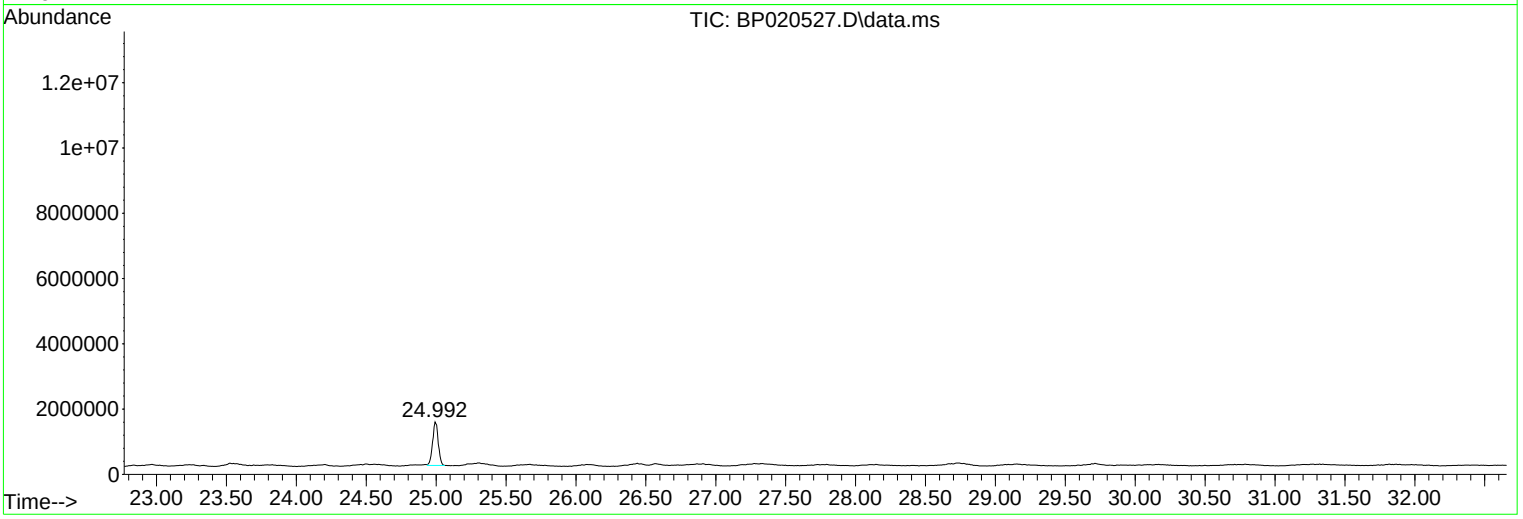
BNA_P
**ClientSampleId :**
WCS-TPR

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.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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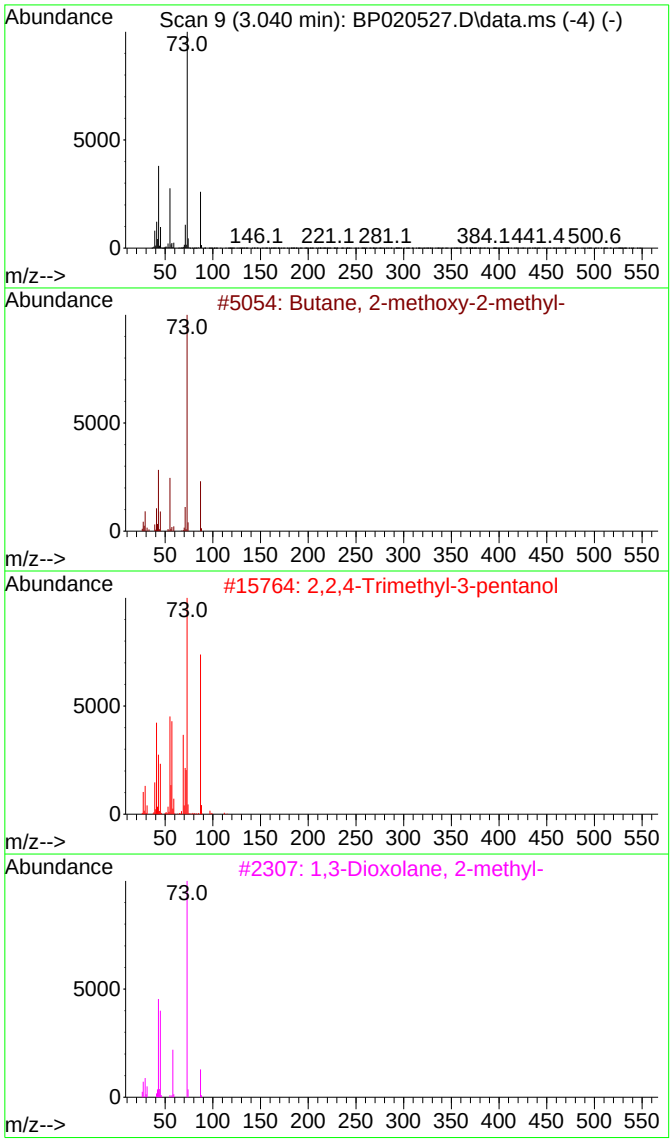
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

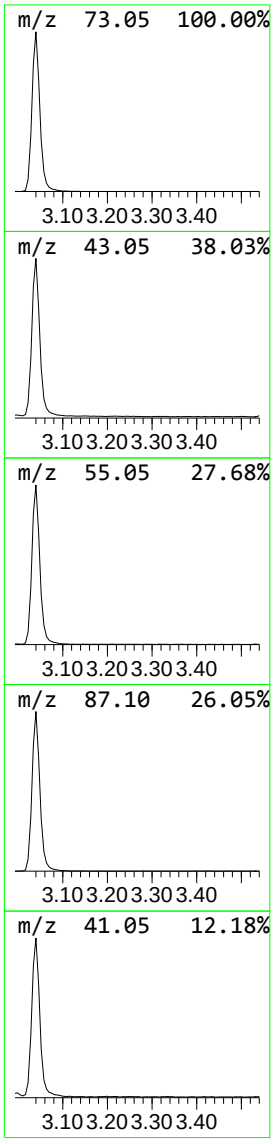
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.040 | 50.44 ng | 3643070 | 1,4-Dichlorobenzene-d4 | 7.769 |

| 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 | 1,3-Dioxolane, 2-methyl- | 88 | C4H8O2 | 000497-26-7 | 25 |
| 4 | Acetamide, N-ethyl- | 87 | C4H9NO | 000625-50-3 | 22 |
| 5 | Pentane, 3-methoxy- | 102 | C6H14O | 036839-67-5 | 17 |



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Operator : MA/JU
Sample : P2662-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
WCS-TPR

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

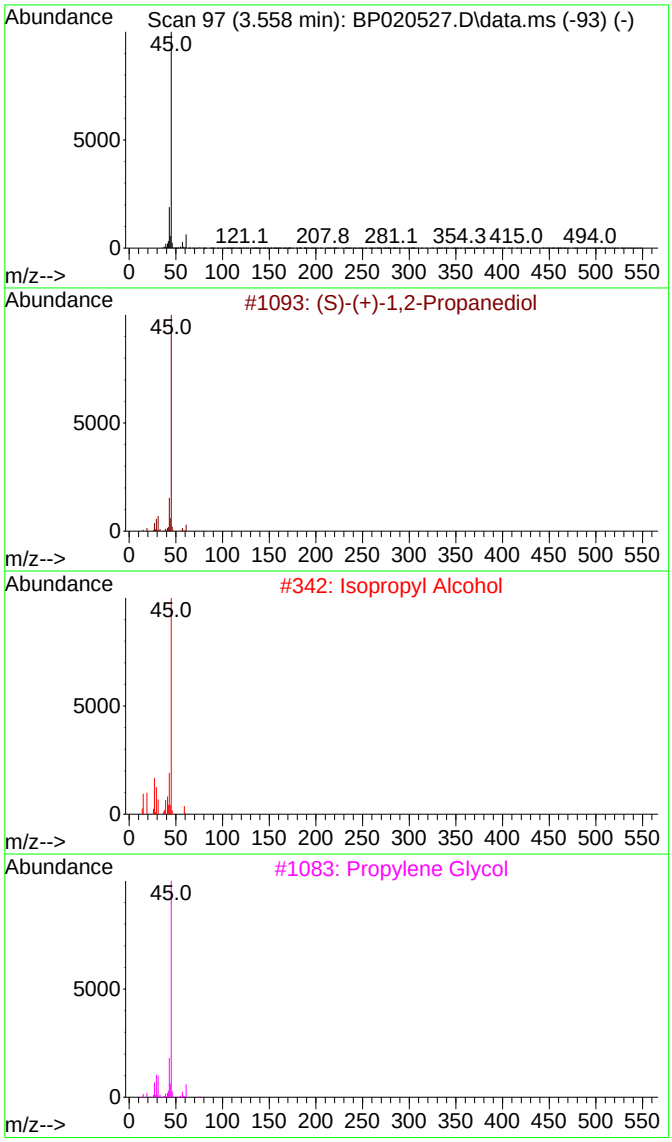
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

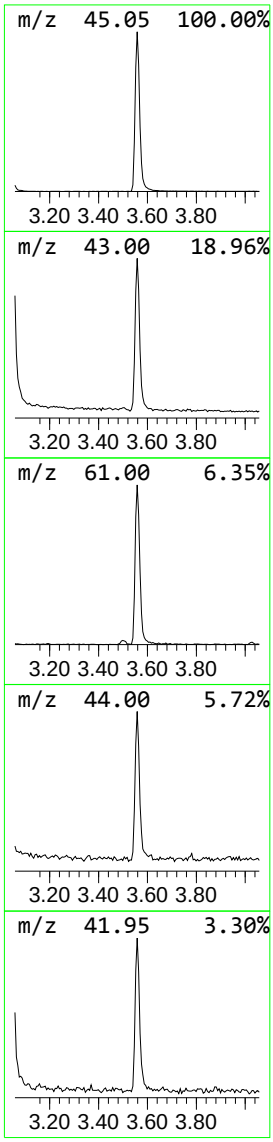
**********

Peak Number 2 (S)-(+)-1,2-Propanediol Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.558 | 9.06 ng | 654489 | 1,4-Dichlorobenzene-d4 | 7.769 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (S)-(+)-1,2-Propanediol | 76 | C3H8O2 | 004254-15-3 | 64 |
| 2 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 56 |
| 3 | Propylene Glycol | 76 | C3H8O2 | 000057-55-6 | 43 |
| 4 | R-(-)-1,2-propanediol | 76 | C3H8O2 | 004254-14-2 | 43 |
| 5 | Propanoic acid, 2-hydroxy-, meth... | 104 | C4H8O3 | 000547-64-8 | 9 |



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Data File : BP020527.D
Acq On : 05 Jun 2024 22:00
Operator : MA/JU
Sample : P2662-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
WCS-TPR

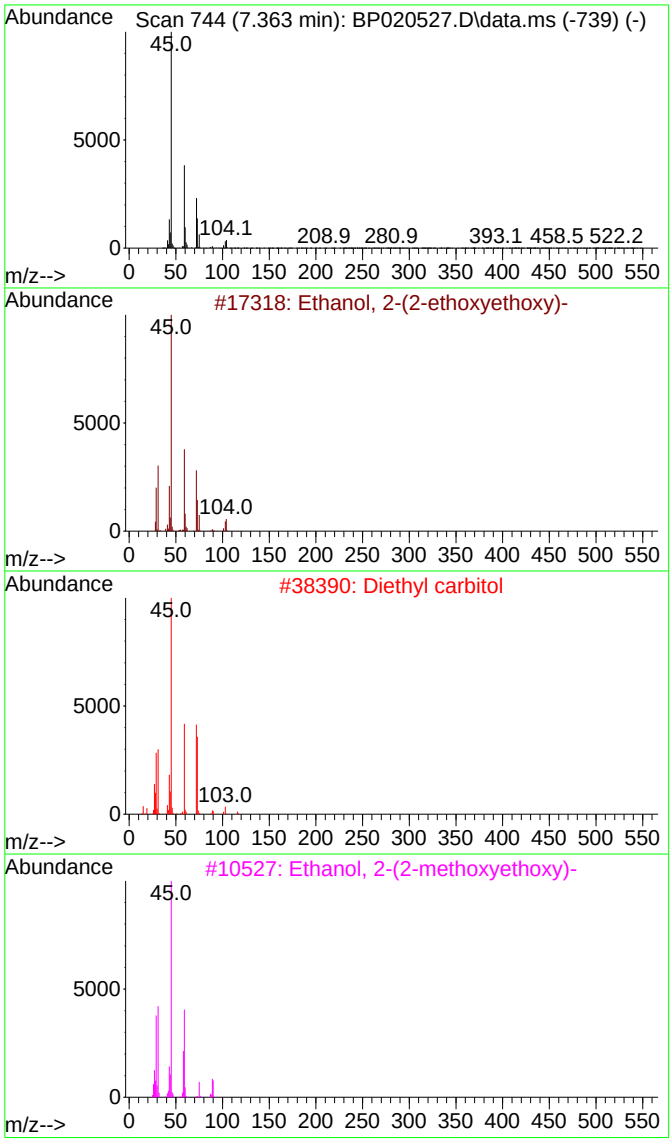
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

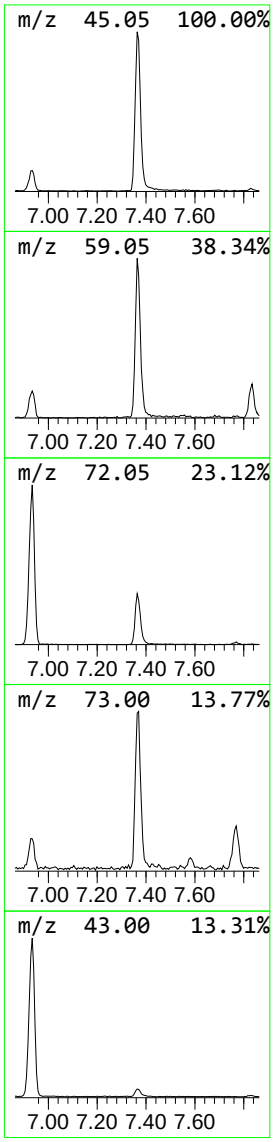
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.363 | 2.95 ng | 212960 | 1,4-Dichlorobenzene-d4 | 7.769 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-ethoxyethoxy)- | 134 | C6H14O3 | 000111-90-0 | 90 |
| 2 | Diethyl carbitol | 162 | C8H18O3 | 000112-36-7 | 72 |
| 3 | Ethanol, 2-(2-methoxyethoxy)- | 120 | C5H12O3 | 000111-77-3 | 45 |
| 4 | 2-Propanol, 1-(1-methylethoxy)- | 118 | C6H14O2 | 003944-36-3 | 45 |
| 5 | 2-Butanol, 3-methyl- | 88 | C5H12O | 000598-75-4 | 38 |



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Sample : P2662-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
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WCS-TPR

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
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TIC Library : C:\Database\NIST20.L
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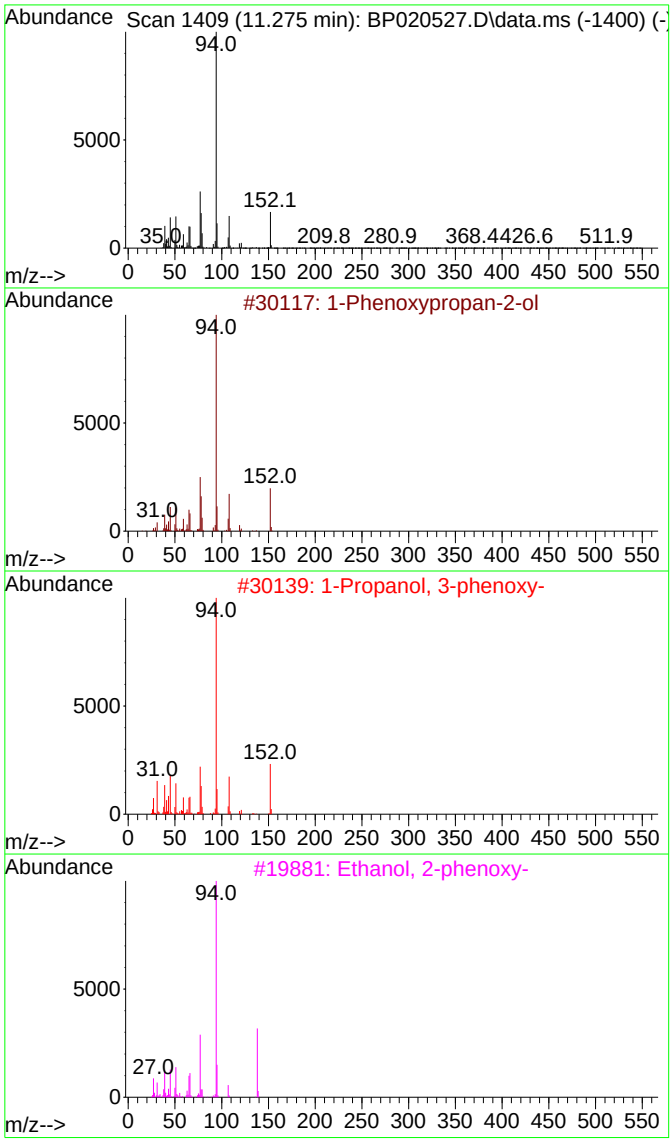
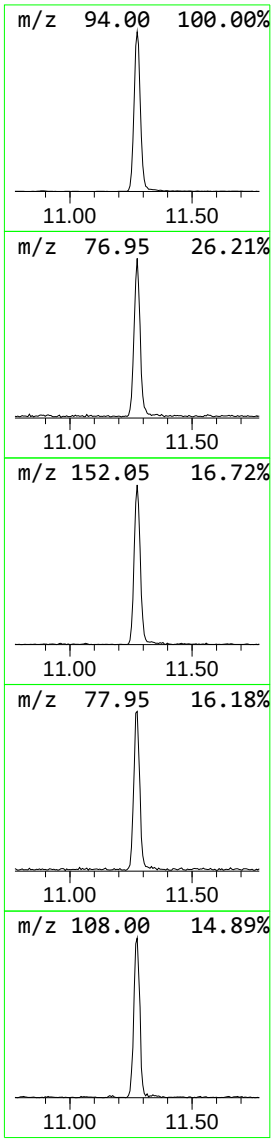
**********

Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.275 | 5.14 ng | 509469 | Naphthalene-d8 | 10.534 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Phenoxypropan-2-ol | 152 | C9H12O2 | 000770-35-4 | 95 |
| 2 | 1-Propanol, 3-phenoxy- | 152 | C9H12O2 | 006180-61-6 | 91 |
| 3 | Ethanol, 2-phenoxy- | 138 | C8H10O2 | 000122-99-6 | 64 |
| 4 | Carbonic acid, neopentyl phenyl ... | 208 | C12H16O3 | 013183-19-2 | 59 |
| 5 | 1-Propanol, 2-phenoxy- | 152 | C9H12O2 | 004169-04-4 | 59 |



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Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
WCS-TPR

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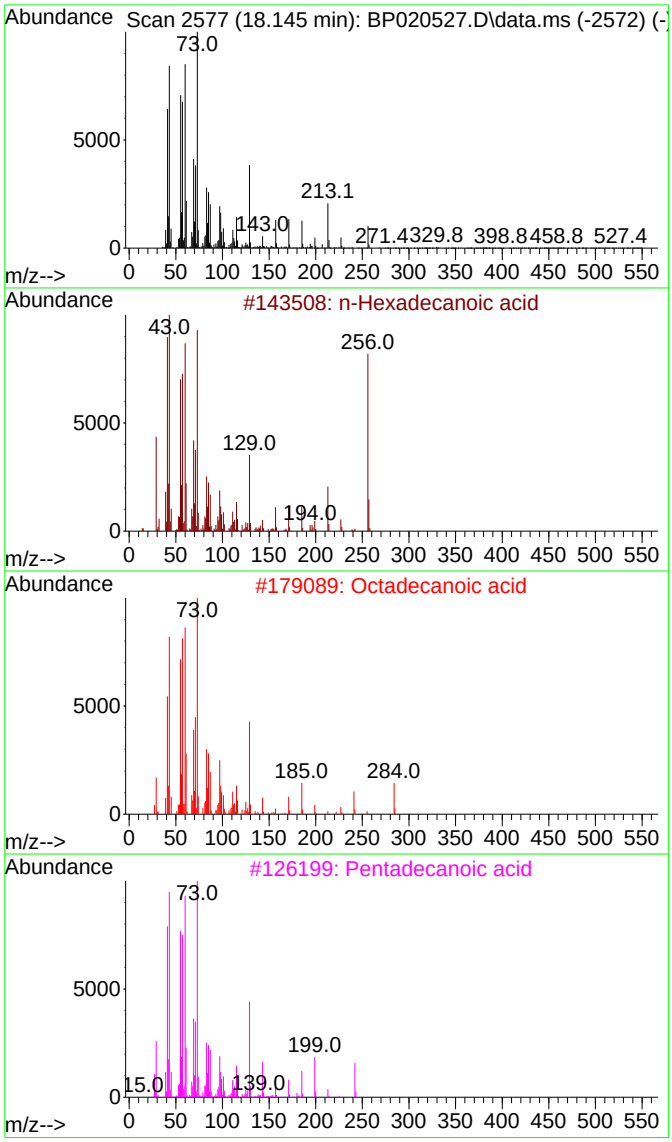
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

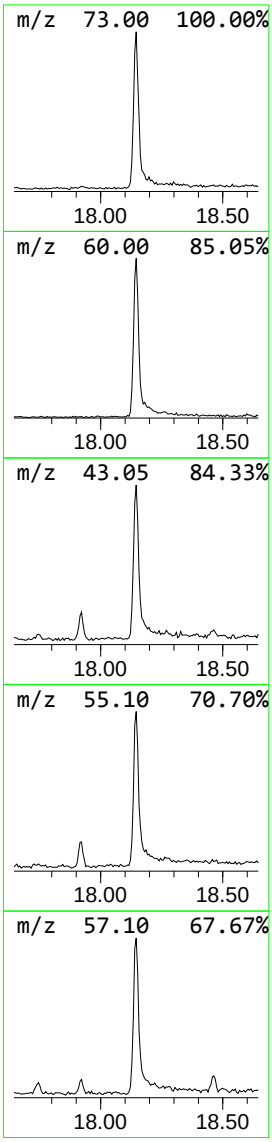
**********

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.145 | 3.56 ng | 539879 | Phenanthrene-d10 | 17.198 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 90 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 90 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 81 |
| 5 | 8-Methylnonanoic acid | 172 | C10H20O2 | 005963-14-4 | 70 |



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Misc :
ALS Vial : 9 Sample Multiplier: 1

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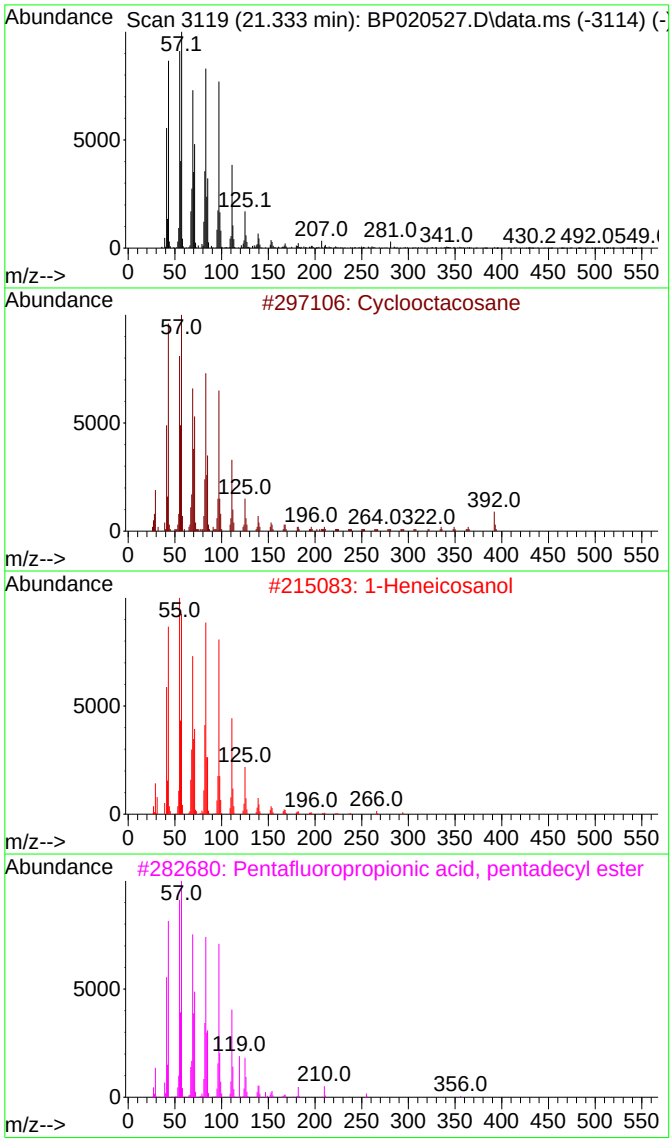
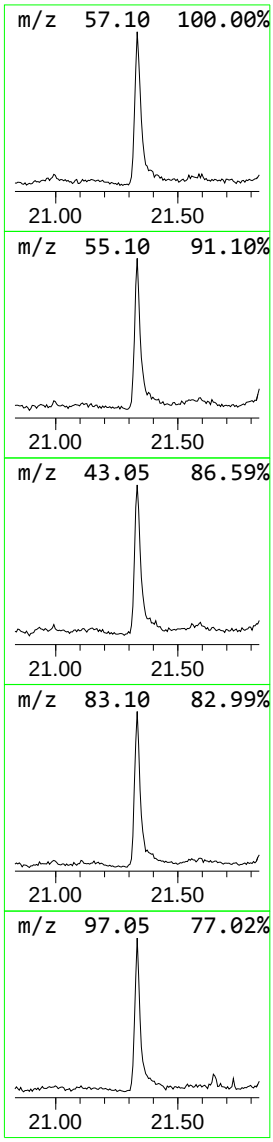
**********

Peak Number 6 Cyclooctacosane Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.333 | 4.43 ng | 750973 | Chrysene-d12 | 21.645 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclooctacosane | 392 | C28H56 | 000297-24-5 | 95 |
| 2 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 95 |
| 3 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 94 |
| 4 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 94 |
| 5 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |



Tentatively Identified Compound (LSC) summary

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| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butane, 2-metho... | 3.040 | 50.4 | ng | 3643070 | 1 | 7.769 | 1444520 | 20.0 |
| (S)-(+)-1,2-Pro... | 3.558 | 9.1 | ng | 654489 | 1 | 7.769 | 1444520 | 20.0 |
| Ethanol, 2-(2-e... | 7.363 | 3.0 | ng | 212960 | 1 | 7.769 | 1444520 | 20.0 |
| 1-Phenoxypropan... | 11.275 | 5.1 | ng | 509469 | 2 | 10.534 | 1981710 | 20.0 |
| n-Hexadecanoic ... | 18.145 | 3.6 | ng | 539879 | 4 | 17.198 | 3035740 | 20.0 |
| Cyclooctacosane | 21.333 | 4.4 | ng | 750973 | 5 | 21.645 | 3387590 | 20.0 |