LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125591.D
Acq On : 23 Sep 2021 14:35
Operator : JU/CG
Sample : M3798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-06-(15-18)

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-BF092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125591.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	8	16	24	rVB	1381823	1726083	35.12%	5.027%
2	5.510	577	582	585	rBV	3584178	3435706	69.90%	10.007%
3	6.510	746	752	755	rBV	3526562	3428919	69.76%	9.987%
4	6.892	814	817	824	rVB	1402621	1110458	22.59%	3.234%
5	7.451	907	912	915	rBV	2609529	2212415	45.01%	6.444%
6	8.075	1014	1018	1031	rBV	290889	252985	5.15%	0.737%
7	8.175	1031	1035	1038	rBV	1917143	1502889	30.58%	4.377%
8	9.251	1213	1218	1221	rBV	5217707	4484764	91.25%	13.063%
9	9.933	1330	1334	1337	rBV	1928633	1745719	35.52%	5.085%
10	10.716	1463	1467	1481	rBV	3159928	2918304	59.38%	8.500%
11	11.416	1582	1586	1589	rBV	2307907	1865002	37.95%	5.432%
12	11.939	1670	1675	1680	rBV	357751	318646	6.48%	0.928%
13	12.727	1805	1809	1819	rBV	149657	158832	3.23%	0.463%
14	13.004	1852	1856	1859	rBV	5248915	4915009	100.00%	14.316%
15	13.474	1933	1936	1943	rVB	92604	75937	1.55%	0.221%
16	13.898	2004	2008	2020	rBV2	342554	525719	10.70%	1.531%
17	14.057	2029	2035	2038	rBV	2009791	1817581	36.98%	5.294%
18	14.227	2060	2064	2072	rBV	56038	59508	1.21%	0.173%
19	14.533	2112	2116	2126	rBV	58762	77305	1.57%	0.225%
20	14.845	2165	2169	2174	rVB	49663	54533	1.11%	0.159%
21	14.921	2178	2182	2186	rBV	70830	69286	1.41%	0.202%
22	15.192	2224	2228	2234	rBV	45567	54563	1.11%	0.159%
23	15.533	2280	2286	2291	rBV	1159545	1461849	29.74%	4.258%
24	15.580	2291	2294	2302	rVB2	41722	60860	1.24%	0.177%

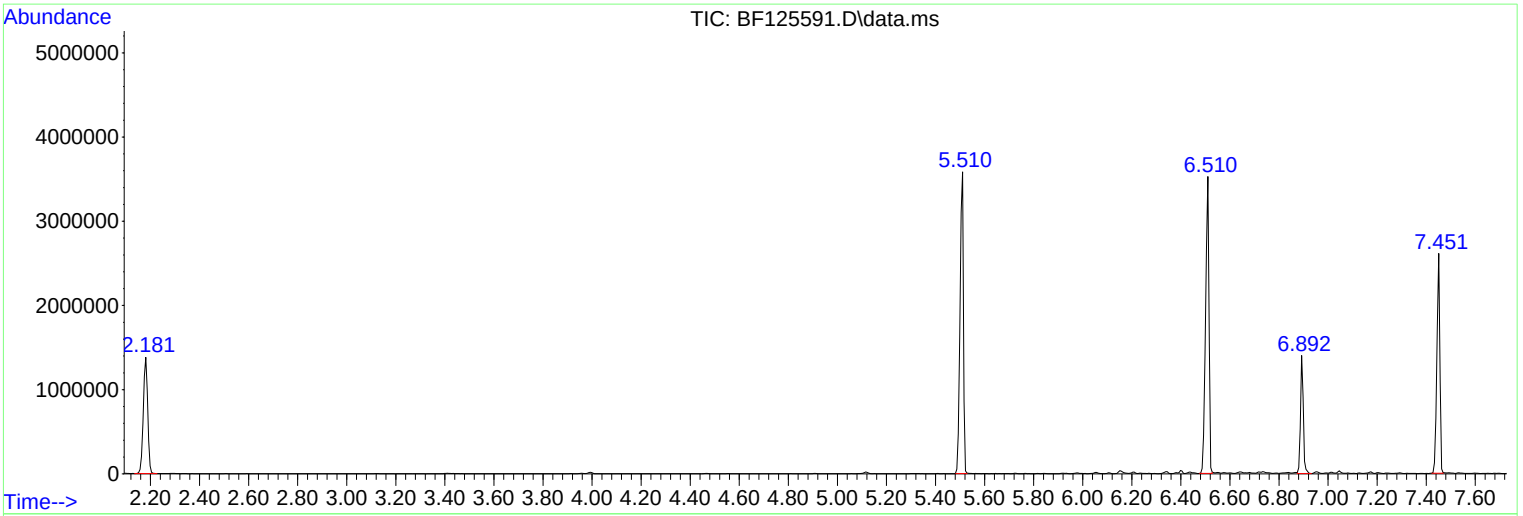
Sum of corrected areas: 34332872

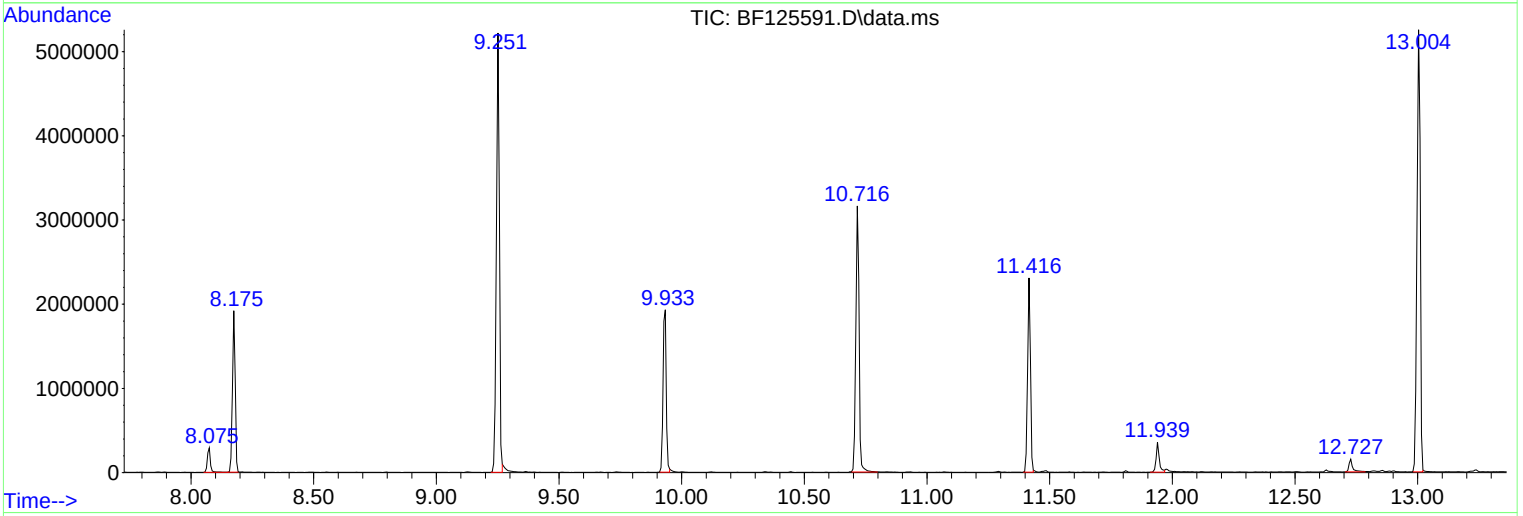
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125591.D
Acq On : 23 Sep 2021 14:35
Operator : JU/CG
Sample : M3798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

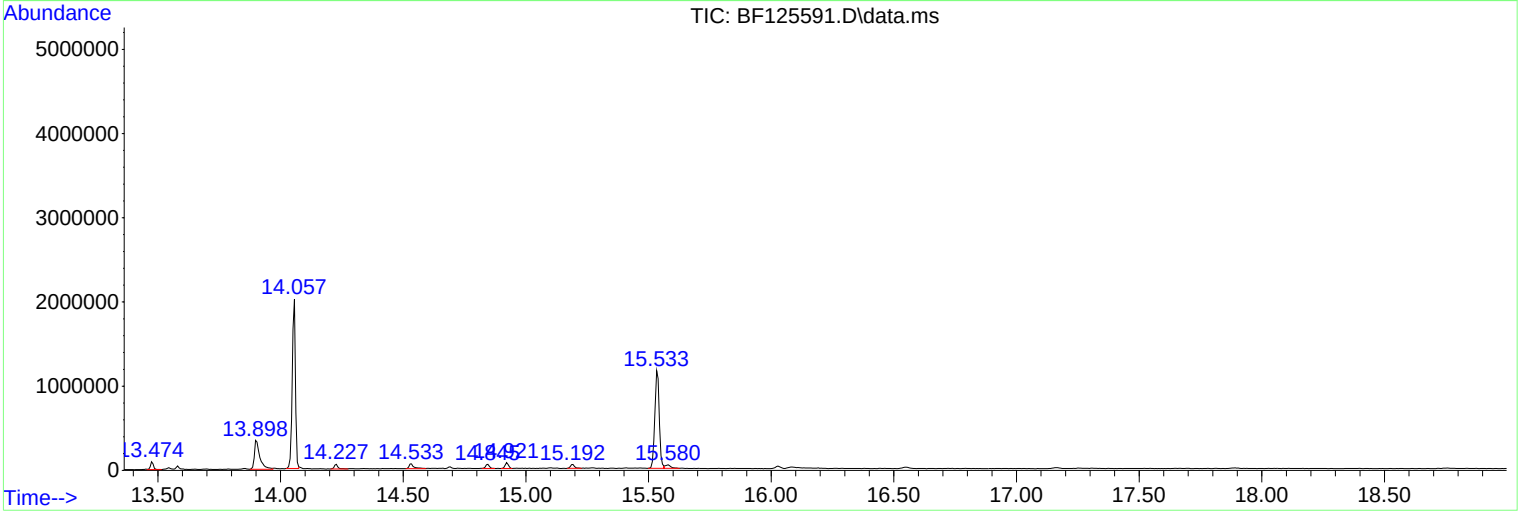
Instrument :
BNA_F
ClientSampleId :
NAPL-06-(15-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.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_F\Data\BF092321\
Data File : BF125591.D
Acq On : 23 Sep 2021 14:35
Operator : JU/CG
Sample : M3798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-06-(15-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

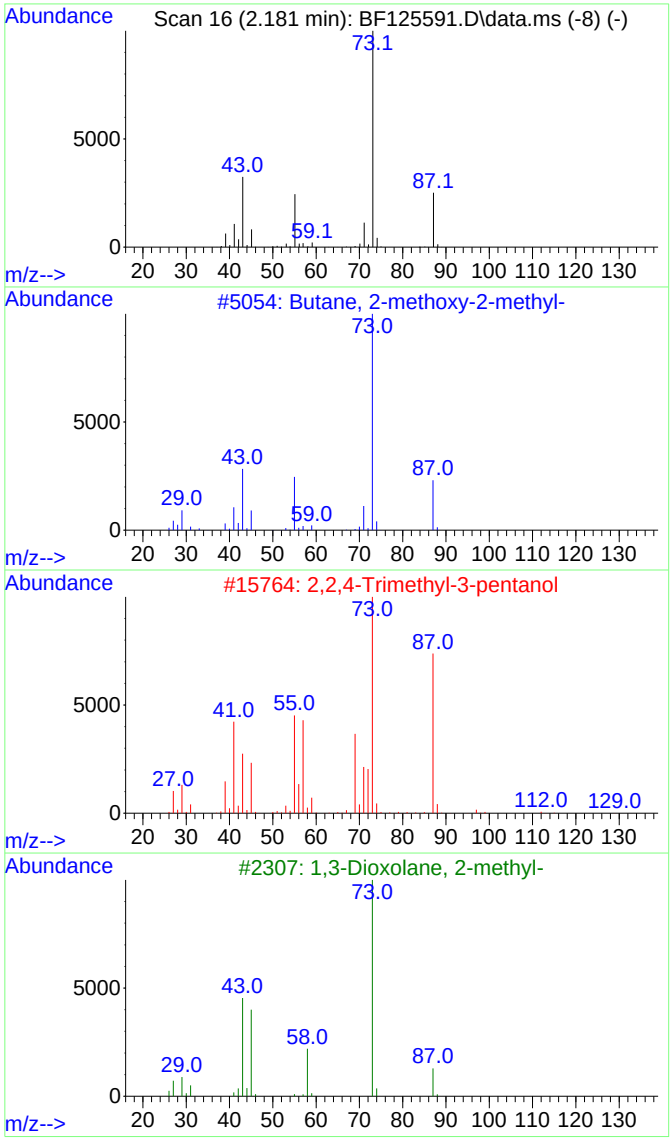
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

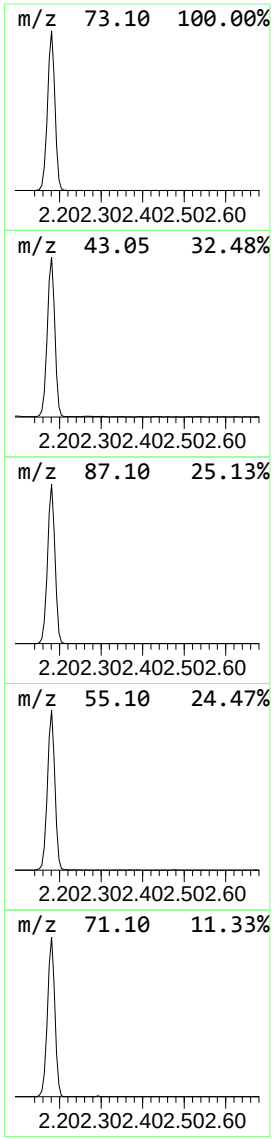
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.181	31.09 ng	1726080	1,4-Dichlorobenzene-d4	6.892

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125591.D
Acq On : 23 Sep 2021 14:35
Operator : JU/CG
Sample : M3798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-06-(15-18)

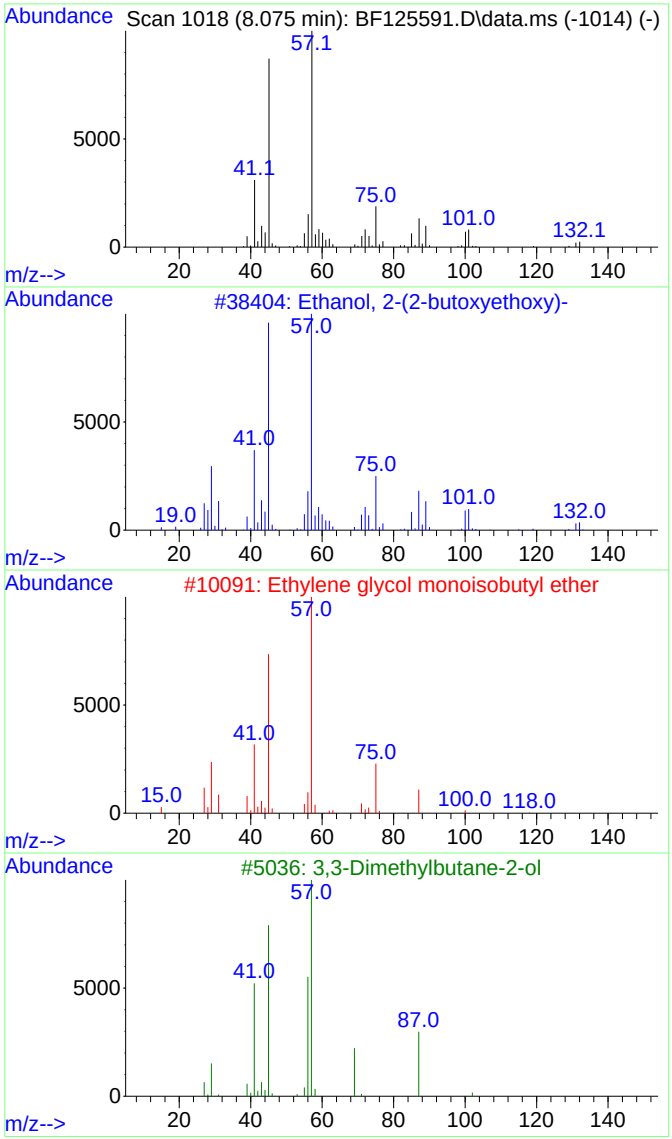
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

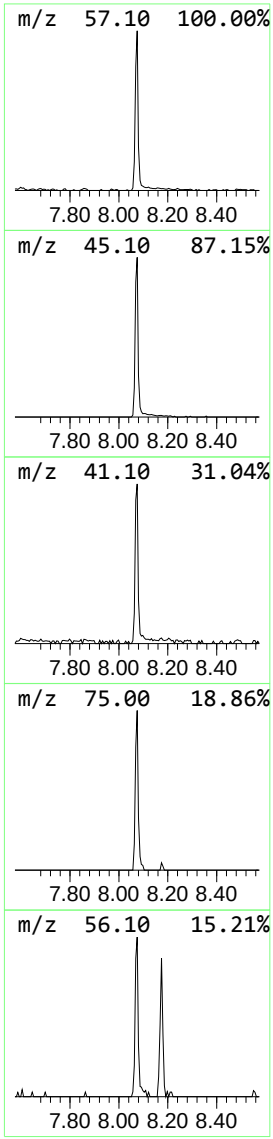
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	3.37 ng	252985	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
4	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	53
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125591.D
Acq On : 23 Sep 2021 14:35
Operator : JU/CG
Sample : M3798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-06-(15-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

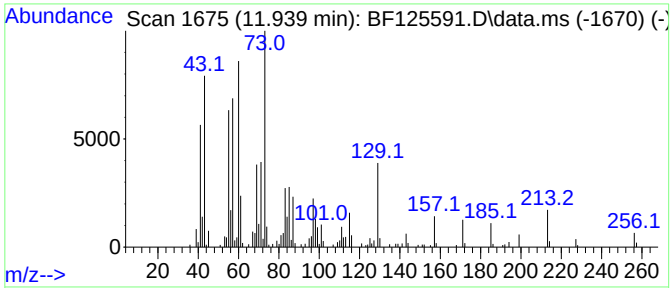
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

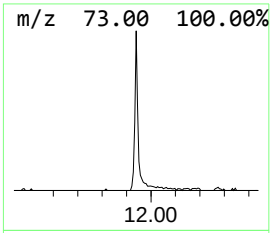
****

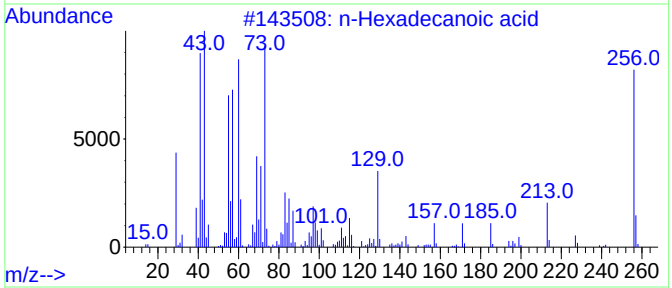
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

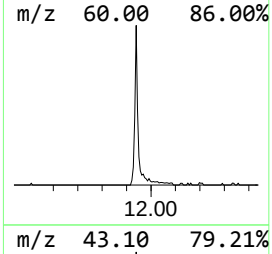
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	3.42 ng	318646	Phenanthrene-d10	11.416

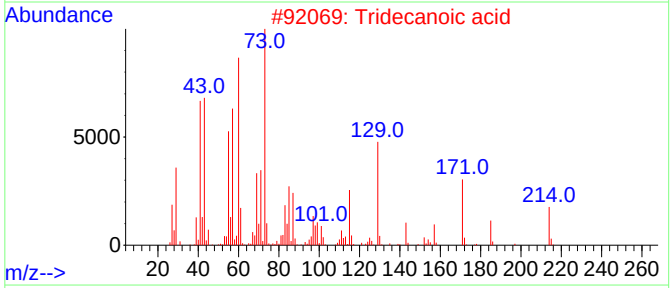
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68

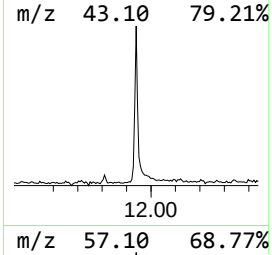


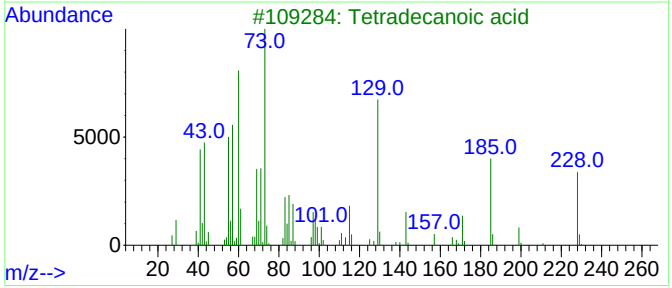


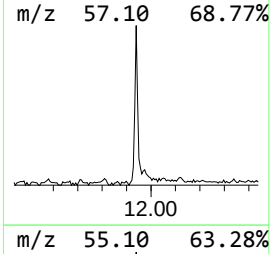


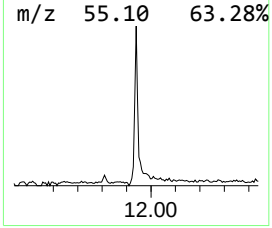












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125591.D
Acq On : 23 Sep 2021 14:35
Operator : JU/CG
Sample : M3798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-06-(15-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

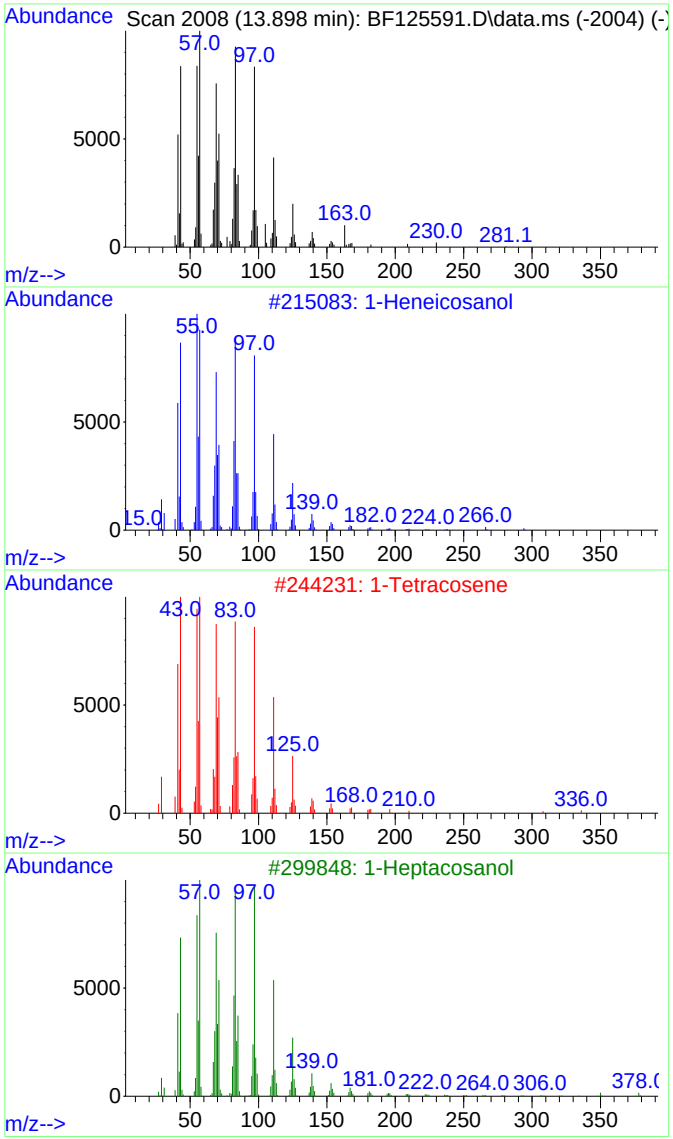
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

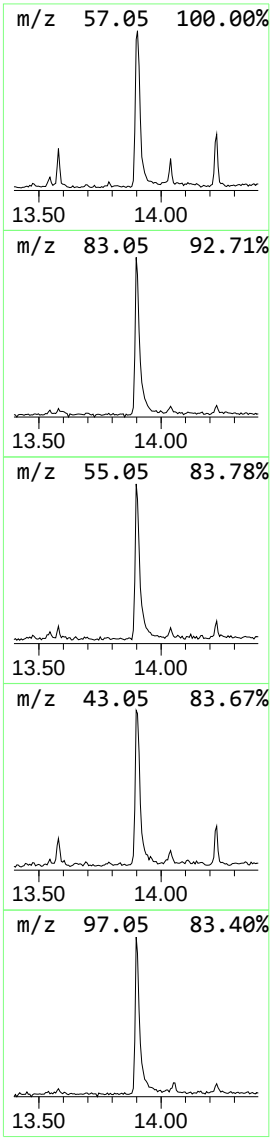
****

Peak Number 4 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	5.78 ng	525719	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Tetracosene	336	C24H48	010192-32-2	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125591.D
Acq On : 23 Sep 2021 14:35
Operator : JU/CG
Sample : M3798-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-06-(15-18)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.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...	2.181	31.1	ng	1726080	1	6.892	1110460	20.0
Ethanol, 2-(2-b...	8.075	3.4	ng	252985	2	8.175	1502890	20.0
n-Hexadecanoic ...	11.939	3.4	ng	318646	4	11.416	1865000	20.0
1-Heneicosanol	13.898	5.8	ng	525719	5	14.057	1817580	20.0