LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125569.D
Acq On : 22 Sep 2021 20:40
Operator : JU/CG
Sample : M3733-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-AREA-01-(25-27)

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: BF125569.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	11	19	24	rVB	1556228	1957799	39.79%	5.242%
2	2.305	32	37	43	rVB2	51445	70280	1.43%	0.188%
3	5.116	507	515	524	rVB	157743	191513	3.89%	0.513%
4	5.510	577	582	585	rBV	3891880	3708012	75.36%	9.927%
5	6.510	747	752	755	rBV	3662273	3739980	76.01%	10.013%
6	6.892	814	817	821	rVB	1456220	1181731	24.02%	3.164%
7	7.451	907	912	915	rBV	2622920	2441549	49.62%	6.537%
8	8.075	1014	1018	1021	rBV	1942667	1639904	33.33%	4.391%
9	8.175	1031	1035	1038	rBV	1990364	1687608	34.30%	4.518%
10	9.251	1213	1218	1221	rBV	5557042	4920301	100.00%	13.173%
11	9.363	1235	1237	1242	rVB	73987	63503	1.29%	0.170%
12	9.933	1329	1334	1337	rBV	2133114	1993433	40.51%	5.337%
13	10.716	1463	1467	1470	rBV	3298753	2929719	59.54%	7.844%
14	11.416	1582	1586	1589	rBV	2482438	1992410	40.49%	5.334%
15	11.810	1650	1653	1656	rBV	146055	109342	2.22%	0.293%
16	11.939	1671	1675	1680	rBV	241077	223338	4.54%	0.598%
17	12.516	1771	1773	1779	rVB	146022	125826	2.56%	0.337%
18	12.727	1805	1809	1821	rBV	92734	116482	2.37%	0.312%
19	13.004	1851	1856	1859	rBV	5246255	4596693	93.42%	12.307%
20	13.480	1931	1937	1944	rBV	307667	312214	6.35%	0.836%
21	13.898	2004	2008	2019	rBV2	349684	437135	8.88%	1.170%
22	14.051	2029	2034	2038	rBV	1642725	1541183	31.32%	4.126%
23	14.533	2113	2116	2122	rBV2	43282	54321	1.10%	0.145%
24	14.921	2178	2182	2186	rVB	74794	69446	1.41%	0.186%
25	15.533	2280	2286	2291	rBV	1026638	1247317	25.35%	3.339%

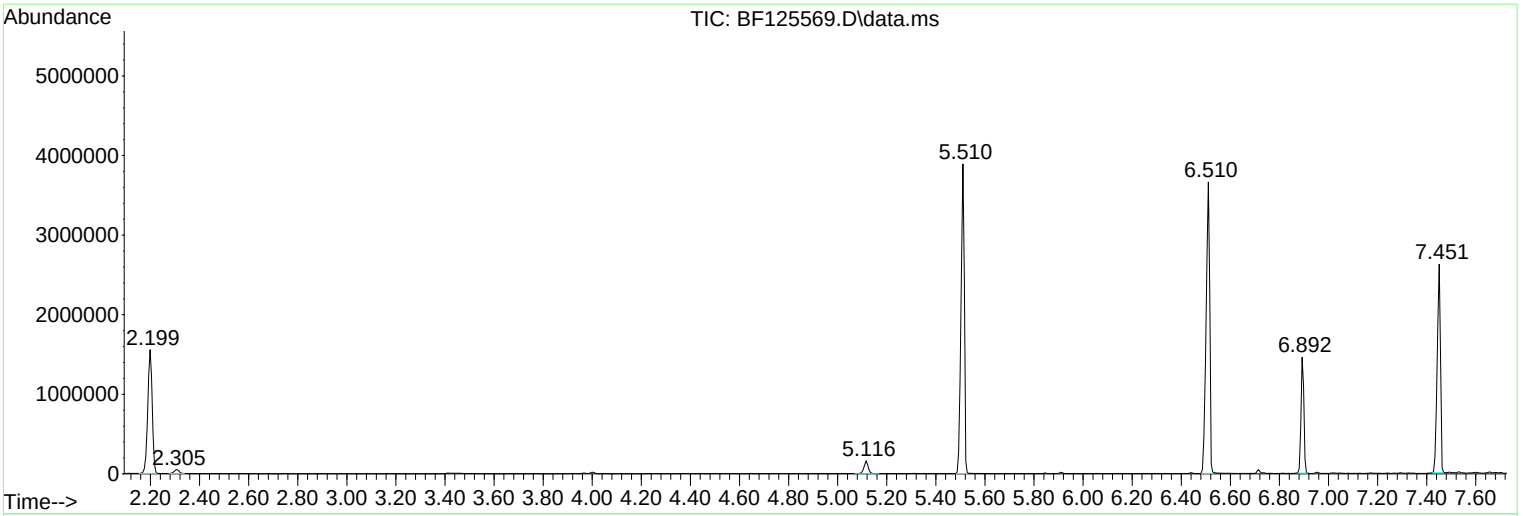
Sum of corrected areas: 37351039

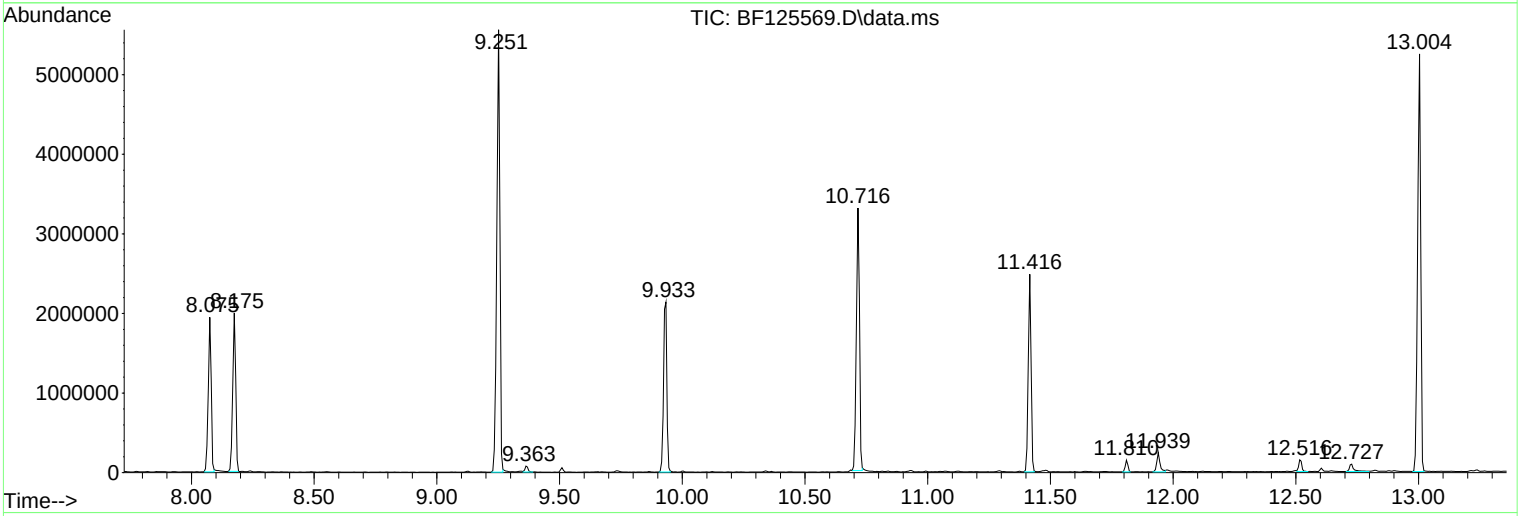
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125569.D
Acq On : 22 Sep 2021 20:40
Operator : JU/CG
Sample : M3733-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

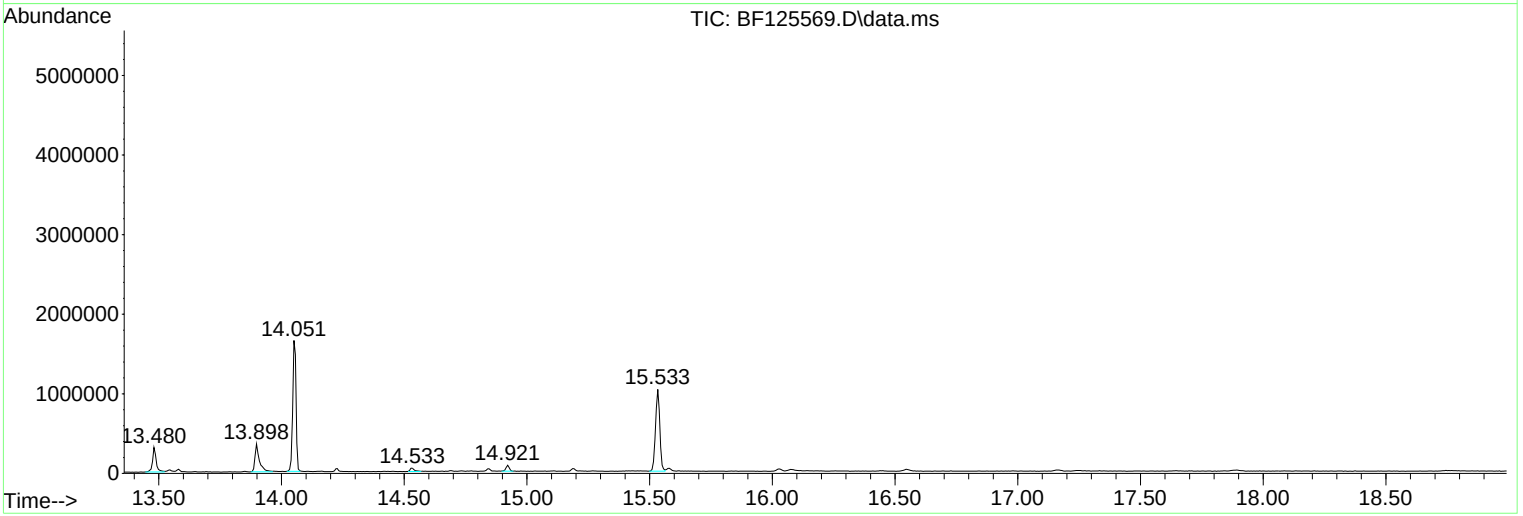
Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-01-(25-27)

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\BF092221\
Data File : BF125569.D
Acq On : 22 Sep 2021 20:40
Operator : JU/CG
Sample : M3733-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-AREA-01-(25-27)

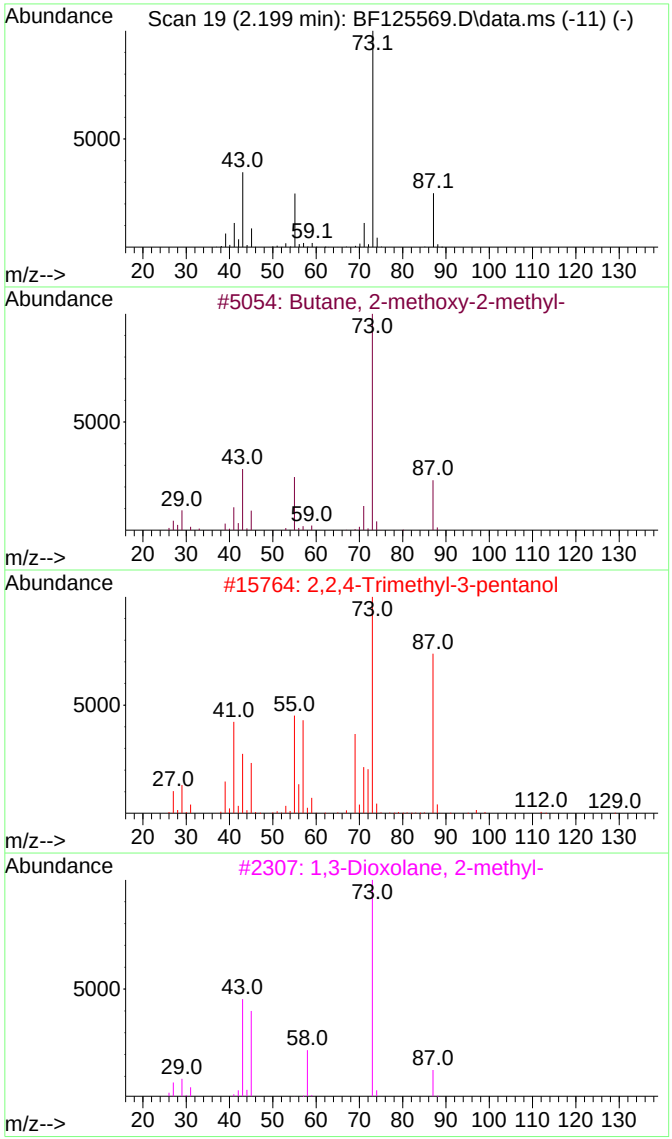
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

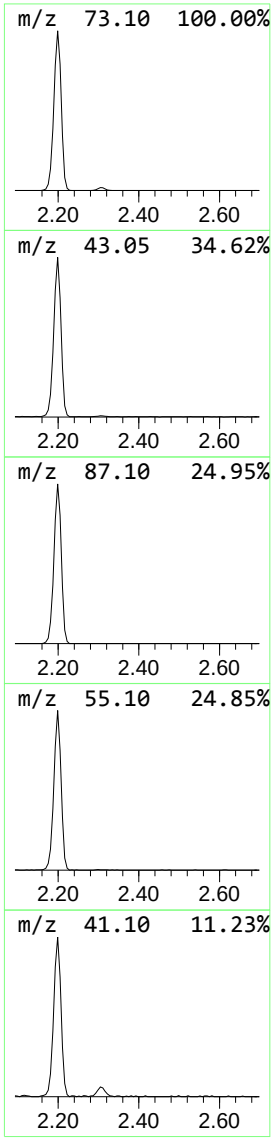
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	33.13 ng	1957800	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	25
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\BF092221\
Data File : BF125569.D
Acq On : 22 Sep 2021 20:40
Operator : JU/CG
Sample : M3733-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NAPL-AREA-01-(25-27)

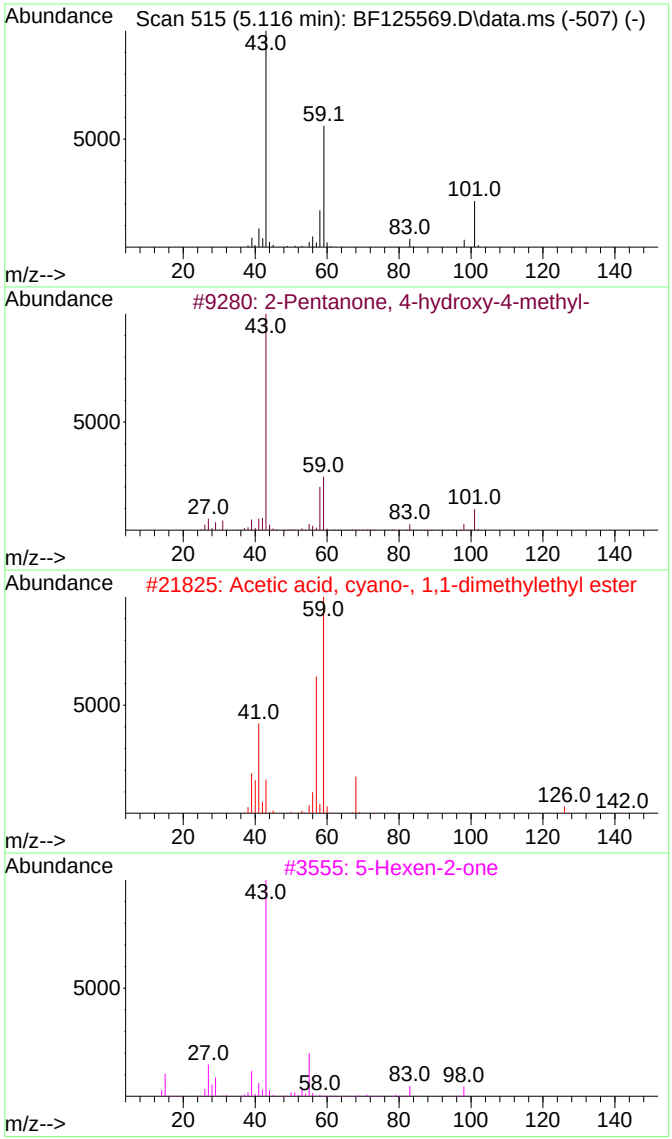
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

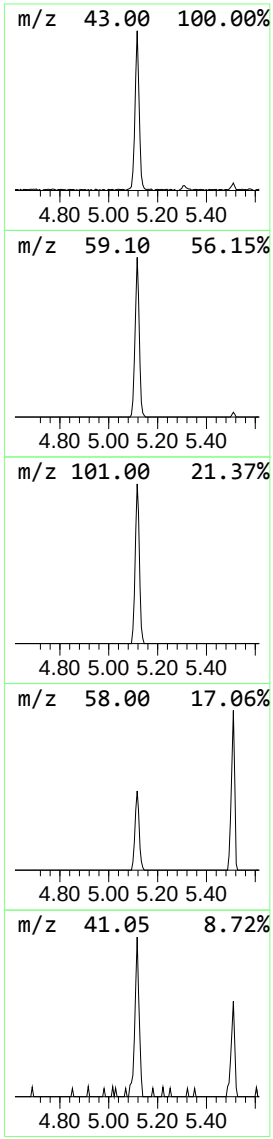
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	3.24 ng	191513	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125569.D
Acq On : 22 Sep 2021 20:40
Operator : JU/CG
Sample : M3733-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-AREA-01-(25-27)

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

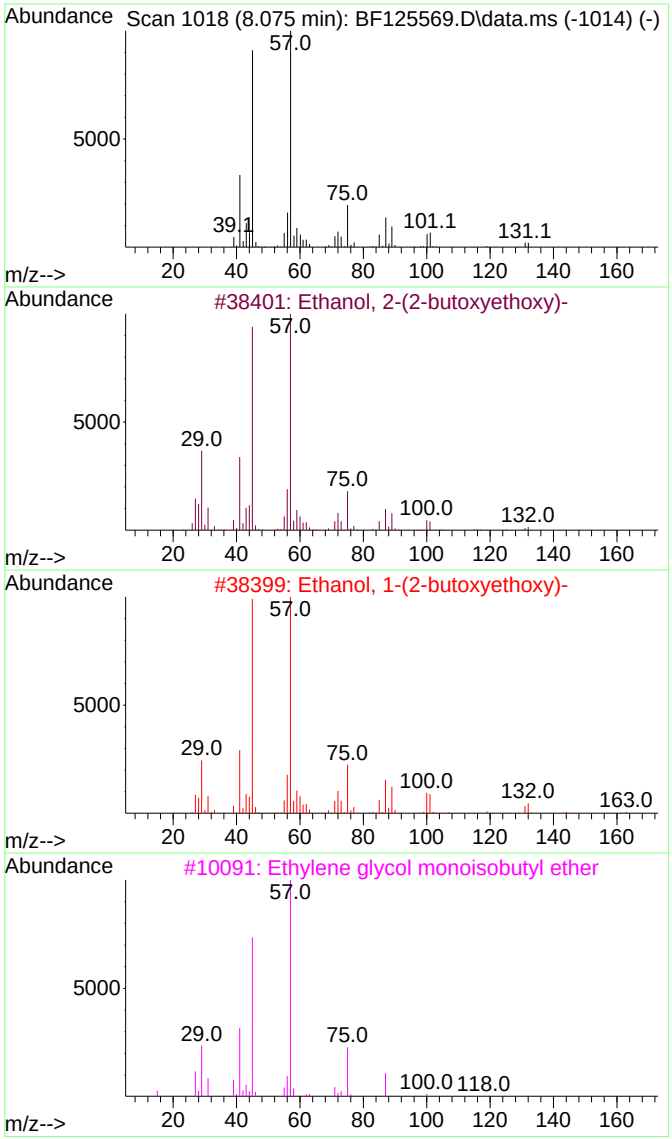
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

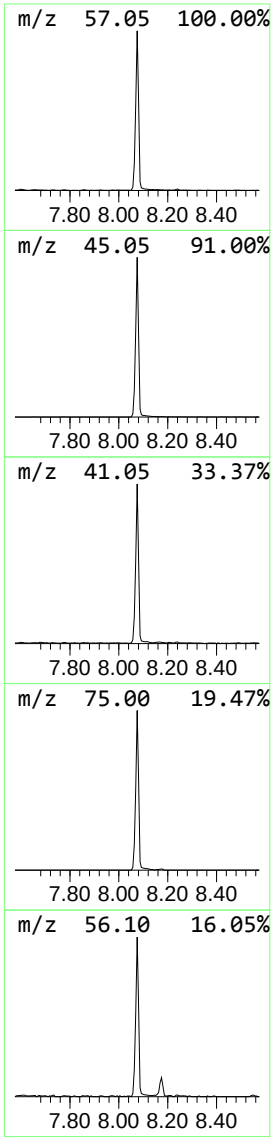
****

Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	19.43 ng	1639900	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125569.D
Acq On : 22 Sep 2021 20:40
Operator : JU/CG
Sample : M3733-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-AREA-01-(25-27)

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

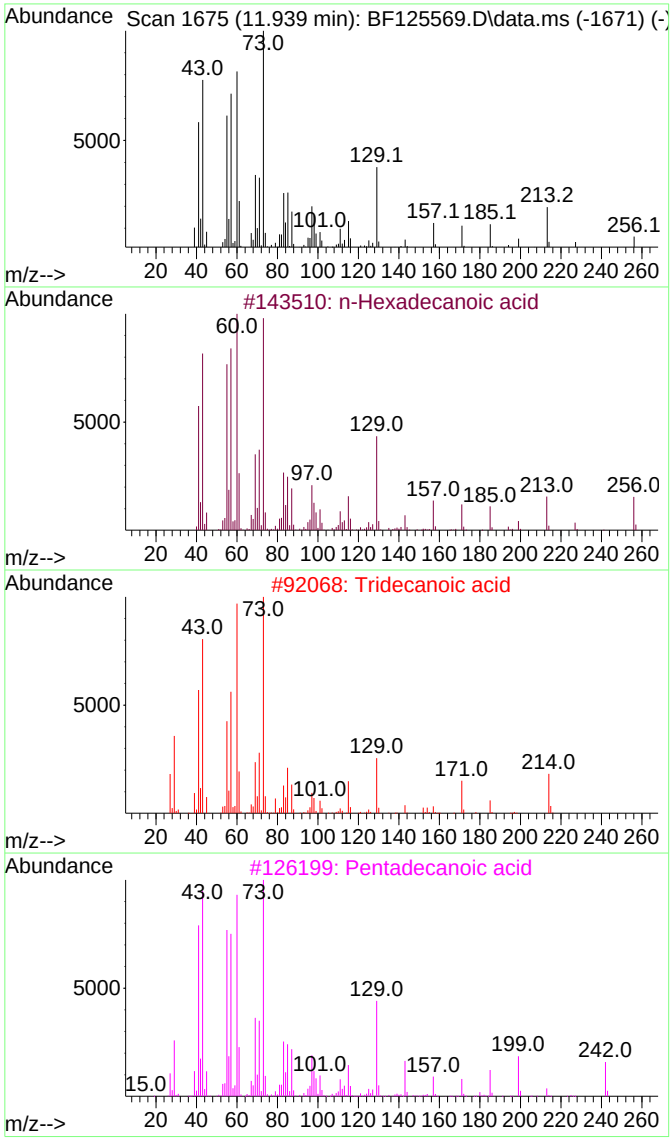
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

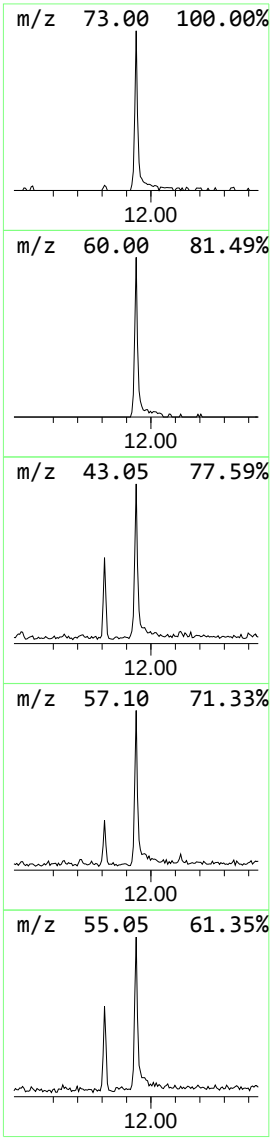
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.24 ng	223338	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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125569.D
Acq On : 22 Sep 2021 20:40
Operator : JU/CG
Sample : M3733-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-AREA-01-(25-27)

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

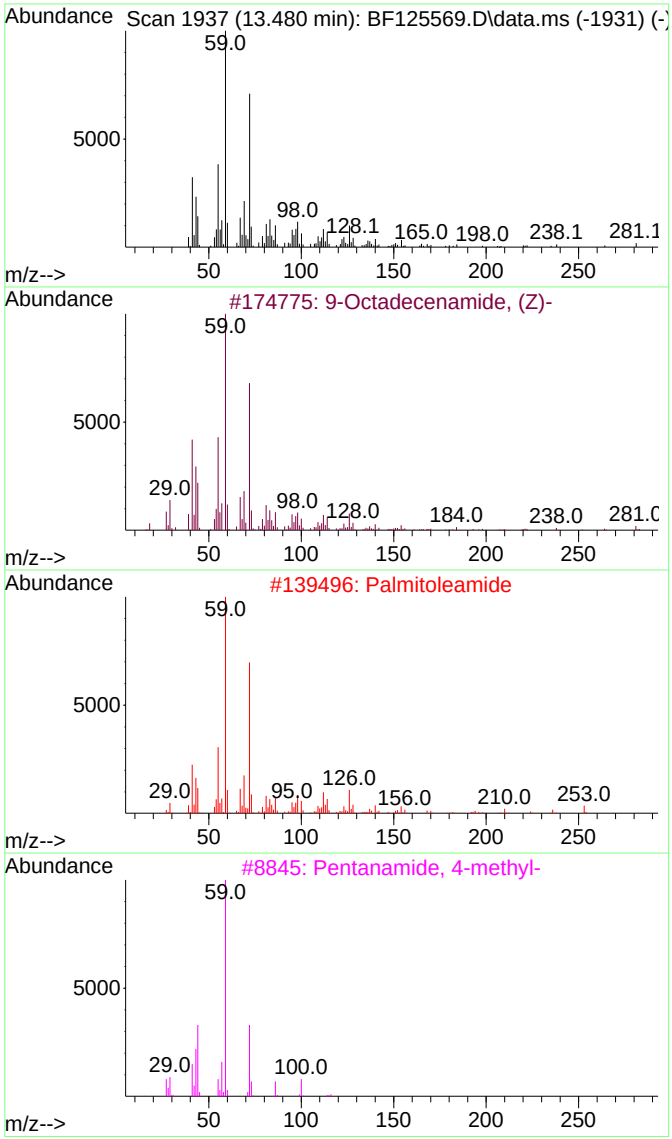
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

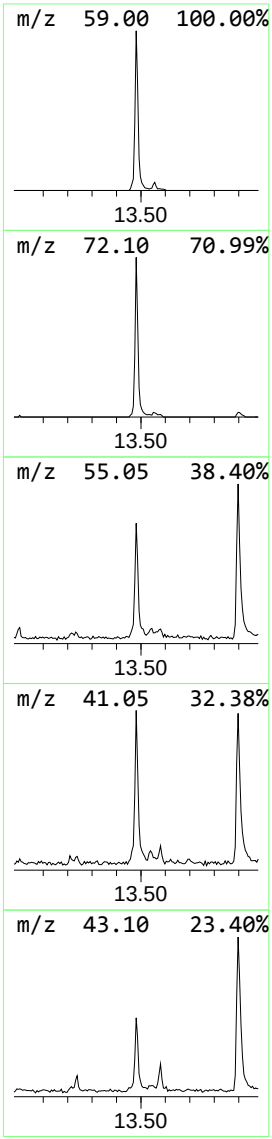
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.480	4.05 ng	312214	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	99
2	Palmitoleamide	253	C16H31NO	106010-22-4	80
3	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	53
4	Hexadecanamide	255	C16H33NO	000629-54-9	53
5	Butanamide, 3-methyl-	101	C5H11NO	000541-46-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125569.D
Acq On : 22 Sep 2021 20:40
Operator : JU/CG
Sample : M3733-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-AREA-01-(25-27)

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

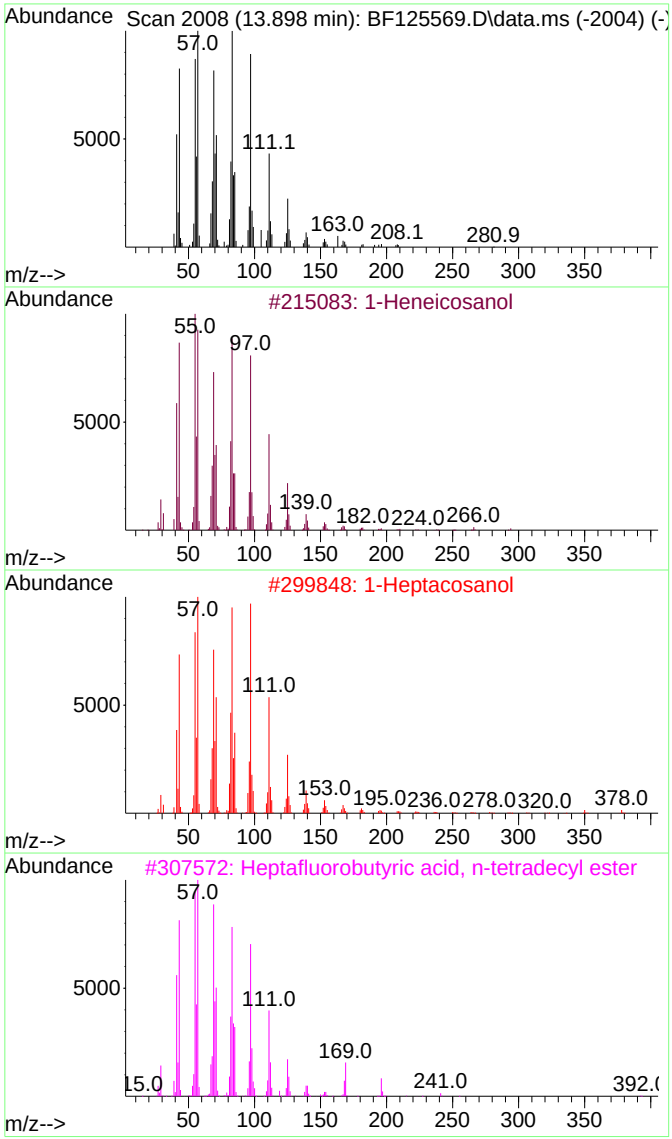
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

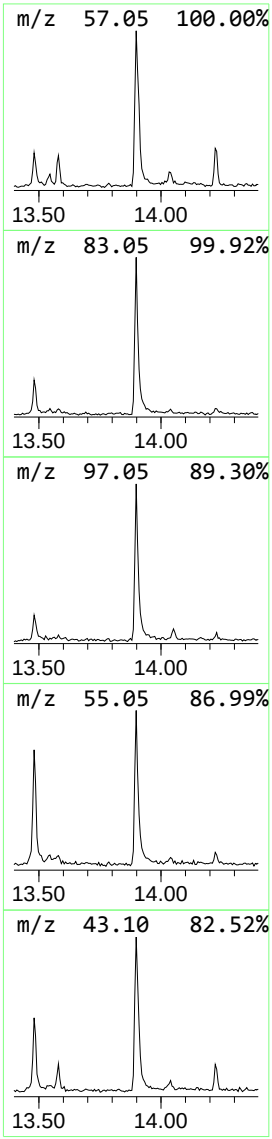
****

Peak Number 6 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	5.67 ng	437135	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125569.D
Acq On : 22 Sep 2021 20:40
Operator : JU/CG
Sample : M3733-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAPL-AREA-01-(25-27)

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...	2.199	33.1	ng	1957800	1	6.892	1181730	20.0
2-Pentanone, 4-...	5.116	3.2	ng	191513	1	6.892	1181730	20.0
Ethanol, 2-(2-b...	8.075	19.4	ng	1639900	2	8.175	1687610	20.0
n-Hexadecanoic ...	11.939	2.2	ng	223338	4	11.416	1992410	20.0
9-Octadecenamid...	13.480	4.0	ng	312214	5	14.051	1541180	20.0
1-Heneicosanol	13.898	5.7	ng	437135	5	14.051	1541180	20.0