LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125849.D
Acq On : 14 Oct 2021 17:35
Operator : JU/CG
Sample : M4191-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

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-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125849.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.451	567	572	575	rBV	3513730	3346557	81.08%	11.473%
2	6.457	738	743	746	rBV	3262591	3386939	82.06%	11.611%
3	6.834	803	807	810	rBV	1127615	924080	22.39%	3.168%
4	7.392	897	902	905	rBV	2387491	2138942	51.83%	7.333%
5	8.016	1004	1008	1020	rBV	516905	471493	11.42%	1.616%
6	8.110	1020	1024	1028	rBV	1540290	1291941	31.30%	4.429%
7	9.186	1202	1207	1210	rBV	4652353	4127225	100.00%	14.149%
8	9.863	1318	1322	1326	rBV	1760530	1490857	36.12%	5.111%
9	10.651	1452	1456	1459	rBV	2999672	2571576	62.31%	8.816%
10	11.345	1570	1574	1577	rBV	1858854	1551901	37.60%	5.320%
11	11.369	1577	1578	1581	rVV	251116	142093	3.44%	0.487%
12	11.416	1581	1586	1590	rVB3	93548	87859	2.13%	0.301%
13	11.875	1661	1664	1668	rBV	206146	195406	4.73%	0.670%
14	12.557	1776	1780	1783	rBV	276342	241432	5.85%	0.828%
15	12.657	1793	1797	1799	rBV2	48605	48863	1.18%	0.168%
16	12.780	1810	1818	1822	rBV	221976	255141	6.18%	0.875%
17	12.933	1839	1844	1847	rVB	3984764	3916224	94.89%	13.426%
18	13.827	1992	1996	2007	rBV2	178987	268945	6.52%	0.922%
19	13.980	2014	2022	2025	rBV	1231002	1199202	29.06%	4.111%
20	14.004	2025	2026	2034	rVB	100871	60934	1.48%	0.209%
21	15.010	2192	2197	2200	rBV	80526	128241	3.11%	0.440%
22	15.304	2243	2247	2252	rVB	49680	63080	1.53%	0.216%
23	15.363	2254	2257	2262	rVB	67383	77702	1.88%	0.266%
24	15.427	2263	2268	2272	rBV	862105	1059912	25.68%	3.634%
25	16.862	2508	2512	2519	rVB3	32775	62981	1.53%	0.216%
26	17.298	2581	2586	2596	rVB	25956	59899	1.45%	0.205%

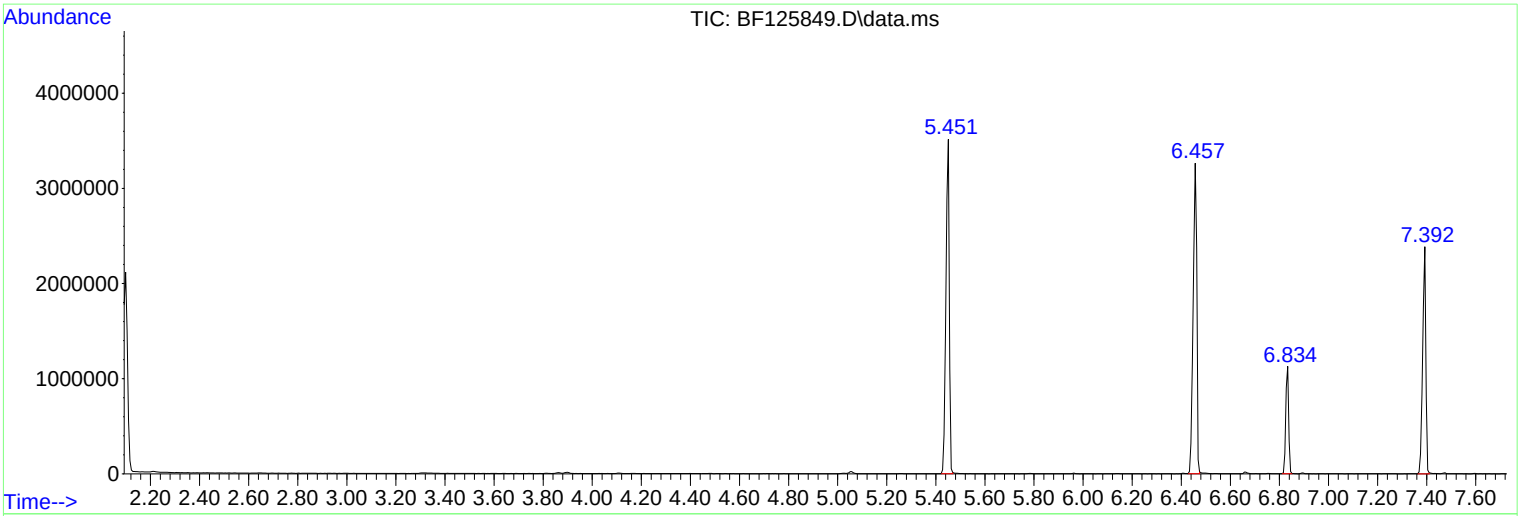
Sum of corrected areas: 29169425

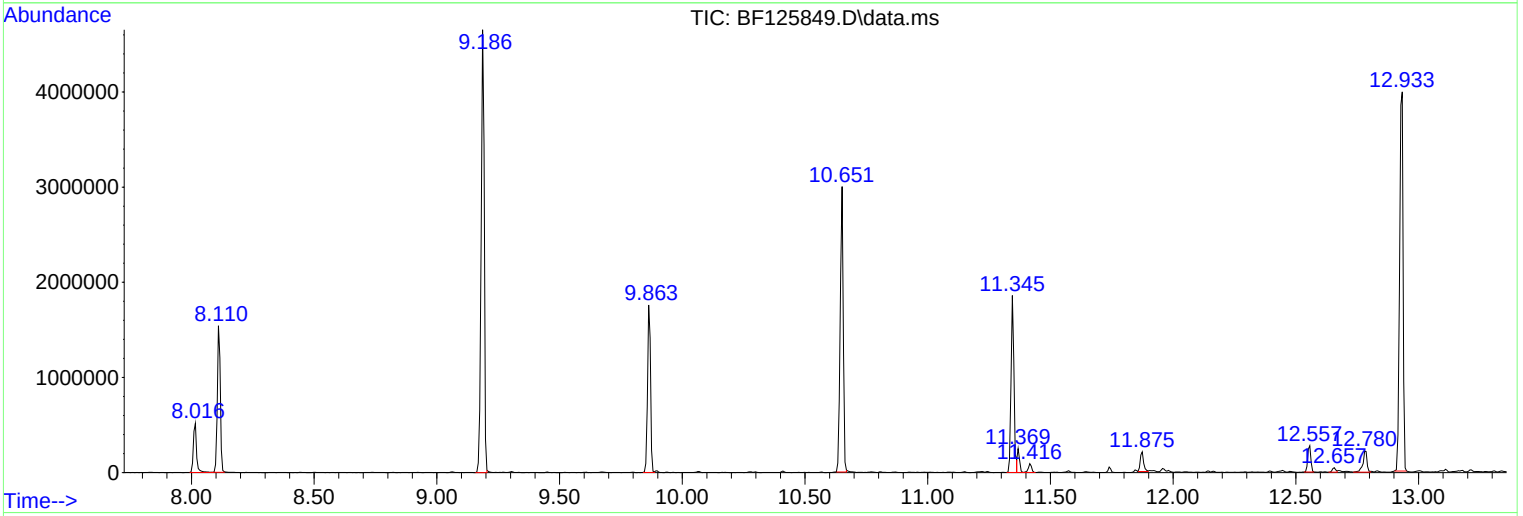
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125849.D
Acq On : 14 Oct 2021 17:35
Operator : JU/CG
Sample : M4191-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

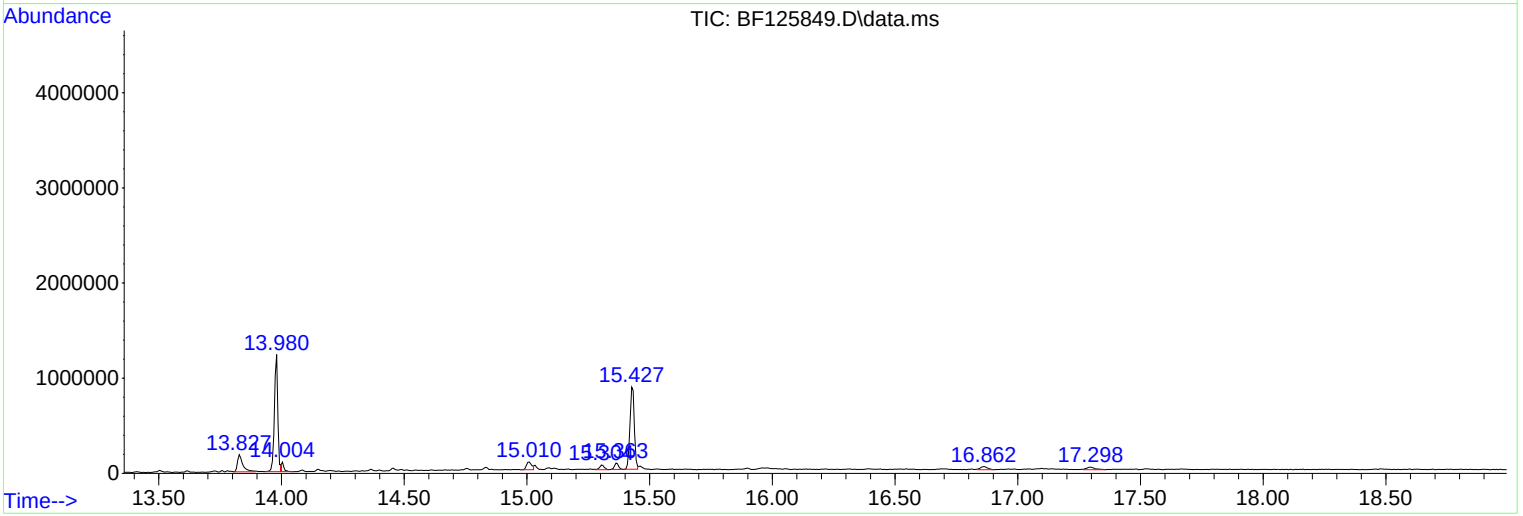
Instrument :
BNA_F
ClientSampleId :
COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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\BF101421\
Data File : BF125849.D
Acq On : 14 Oct 2021 17:35
Operator : JU/CG
Sample : M4191-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

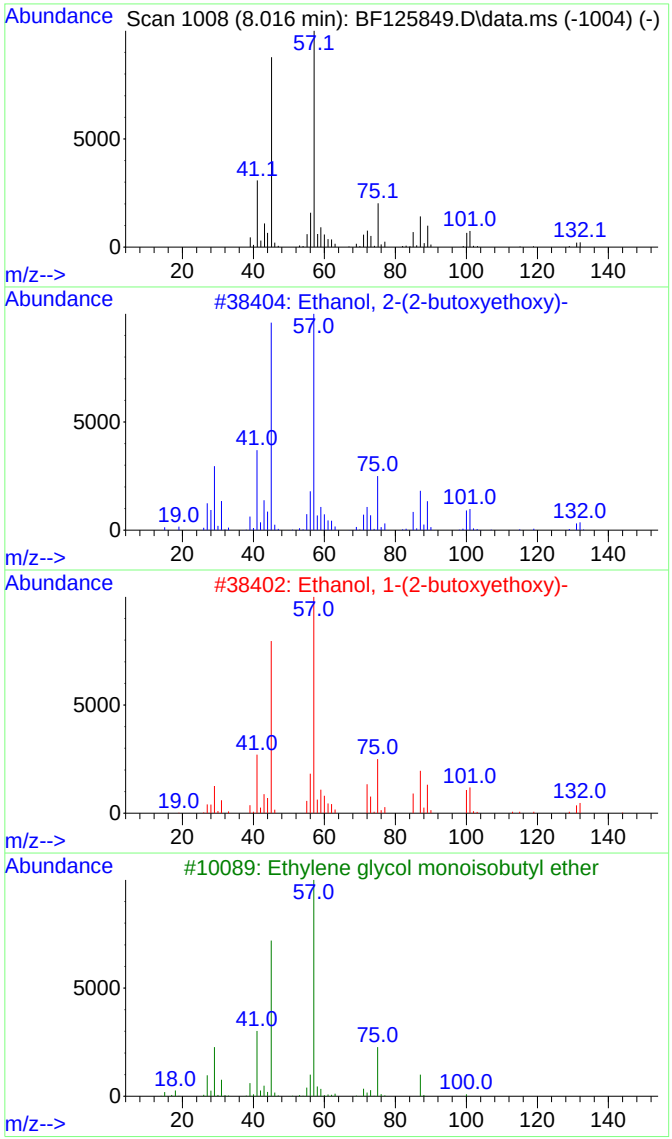
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

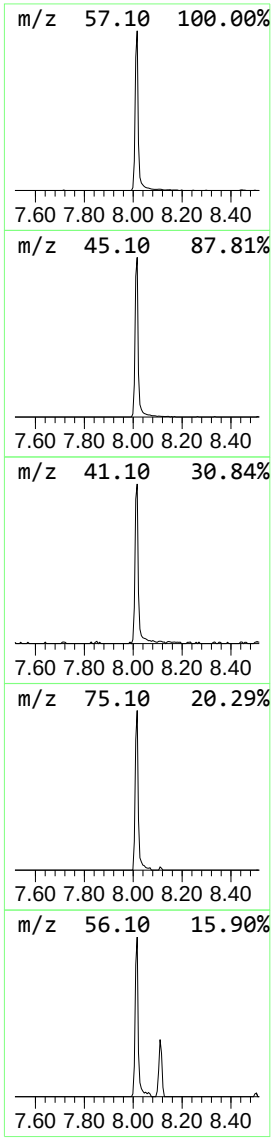
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.016	7.30 ng	471493	Naphthalene-d8	8.110

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	56
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125849.D
Acq On : 14 Oct 2021 17:35
Operator : JU/CG
Sample : M4191-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

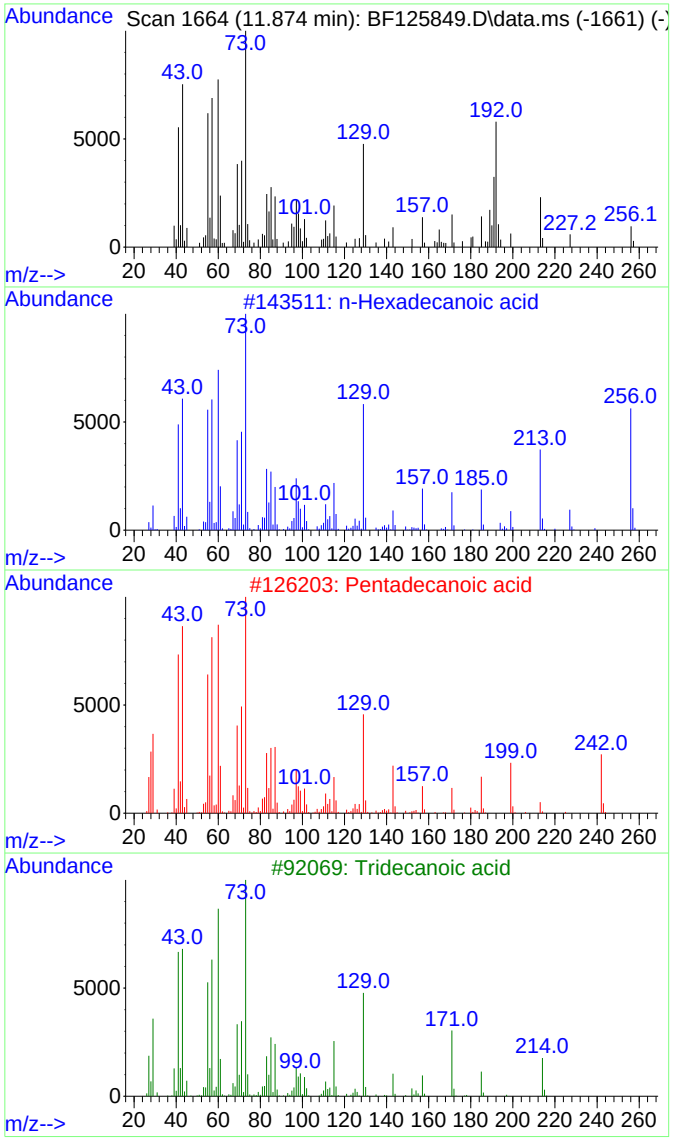
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

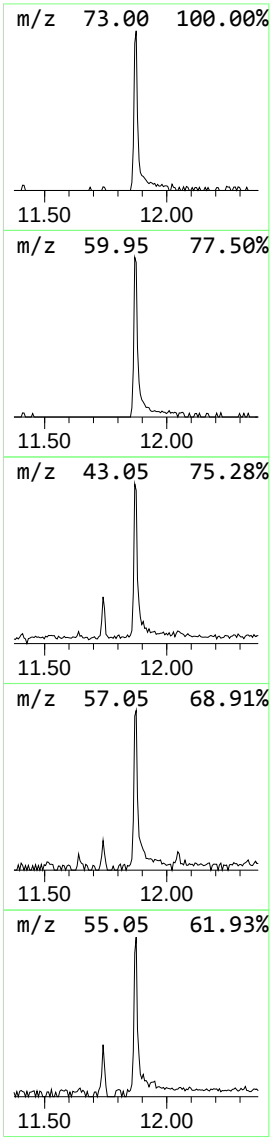
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	2.52 ng	195406	Phenanthrene-d10	11.345

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	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125849.D
Acq On : 14 Oct 2021 17:35
Operator : JU/CG
Sample : M4191-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4

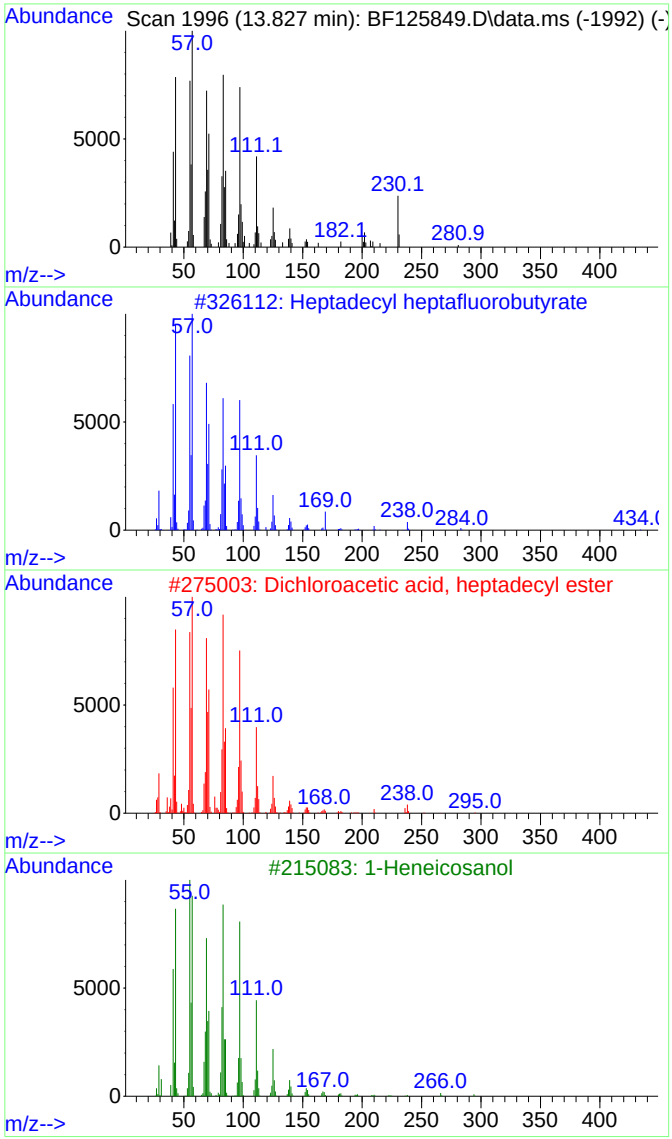
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

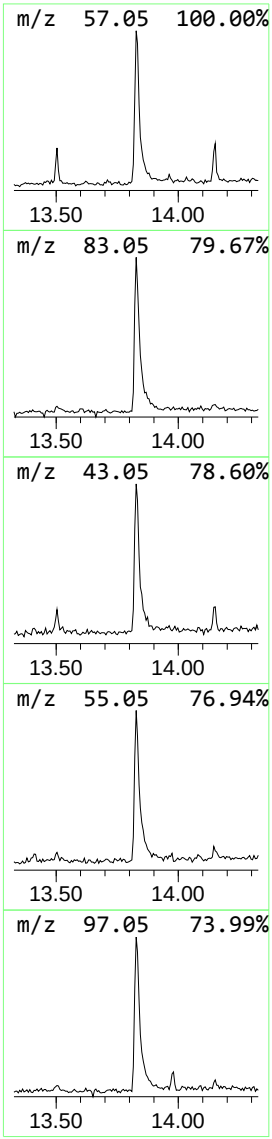
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	4.49 ng	268945	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Hexacosene	364	C26H52	018835-33-1	93
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125849.D
Acq On : 14 Oct 2021 17:35
Operator : JU/CG
Sample : M4191-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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
Ethanol, 2-(2-b...	8.016	7.3	ng	471493	2	8.110	1291940	20.0
n-Hexadecanoic ...	11.874	2.5	ng	195406	4	11.345	1551900	20.0
Heptadecyl hept...	13.827	4.5	ng	268945	5	13.980	1199200	20.0