LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140056.D
Acq On : 26 Oct 2024 13:30
Operator : RC/JU
Sample : P4547-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-F-20

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140056.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	12	22	29	rVB	1638771	2725226	76.94%	9.483%
2	5.128	512	516	524	rVB	23282	35729	1.01%	0.124%
3	5.510	574	581	586	rBV	2222606	3072720	86.75%	10.692%
4	6.504	744	750	756	rBV	2084408	3138681	88.61%	10.922%
5	6.886	810	815	820	rBV	735005	899051	25.38%	3.128%
6	7.445	903	910	915	rBV	1485226	2030043	57.31%	7.064%
7	7.698	948	953	964	rBV	64728	80768	2.28%	0.281%
8	8.169	1027	1033	1038	rBV	946883	1203429	33.97%	4.188%
9	8.380	1063	1069	1076	rBV	30159	40029	1.13%	0.139%
10	9.245	1209	1216	1221	rBV	2652992	3542128	100.00%	12.326%
11	9.922	1323	1331	1346	rBV	1118648	1454176	41.05%	5.060%
12	10.639	1447	1453	1459	rBV	406925	539540	15.23%	1.877%
13	10.710	1459	1465	1481	rVV	1861829	2530136	71.43%	8.804%
14	10.945	1496	1505	1509	rVB	35865	46749	1.32%	0.163%
15	11.410	1579	1584	1589	rBV	1164759	1450296	40.94%	5.047%
16	11.474	1591	1595	1599	rVB2	30873	38174	1.08%	0.133%
17	11.933	1667	1673	1697	rBV	340789	544534	15.37%	1.895%
18	12.716	1801	1806	1819	rBV	63888	109527	3.09%	0.381%
19	12.998	1848	1854	1859	rBV	2395906	3224857	91.04%	11.222%
20	13.892	2000	2006	2021	rBV	104066	224080	6.33%	0.780%
21	14.045	2027	2032	2045	rVB	587604	799150	22.56%	2.781%
22	14.821	2158	2164	2170	rBV3	22360	45615	1.29%	0.159%
23	14.904	2173	2178	2183	rVB	36294	50392	1.42%	0.175%
24	15.527	2277	2284	2298	rBV	498897	837799	23.65%	2.915%
25	16.527	2449	2454	2462	rVB	18971	39594	1.12%	0.138%
26	17.133	2553	2557	2566	rVB2	16256	35738	1.01%	0.124%

Sum of corrected areas: 28738161

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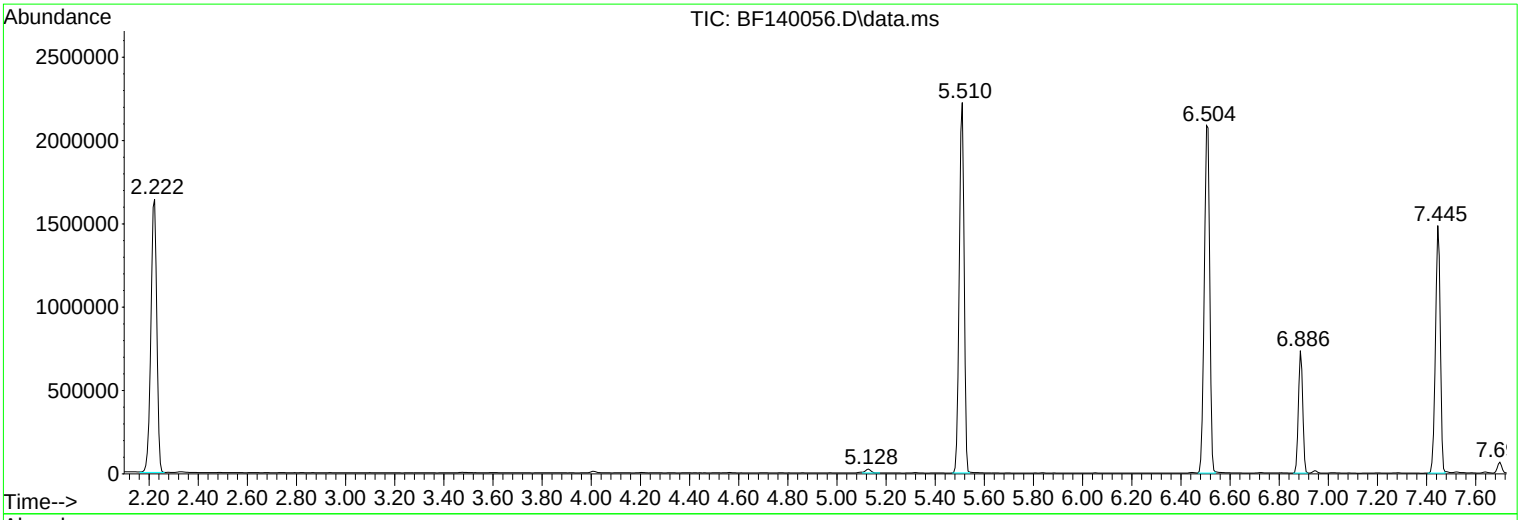
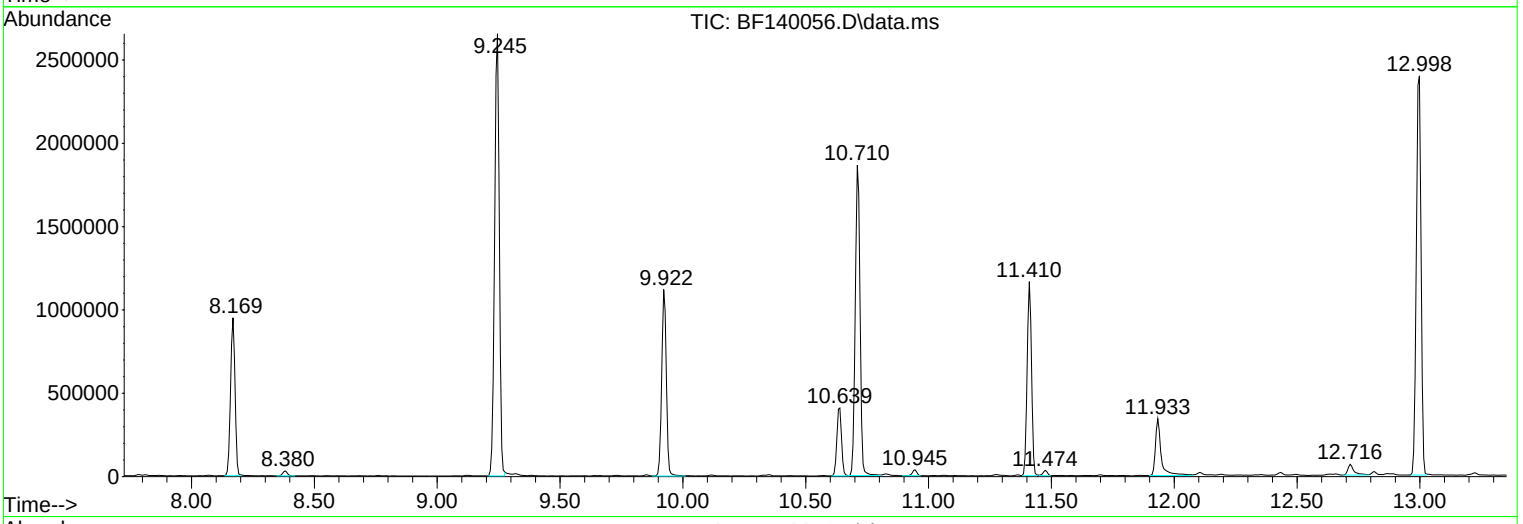
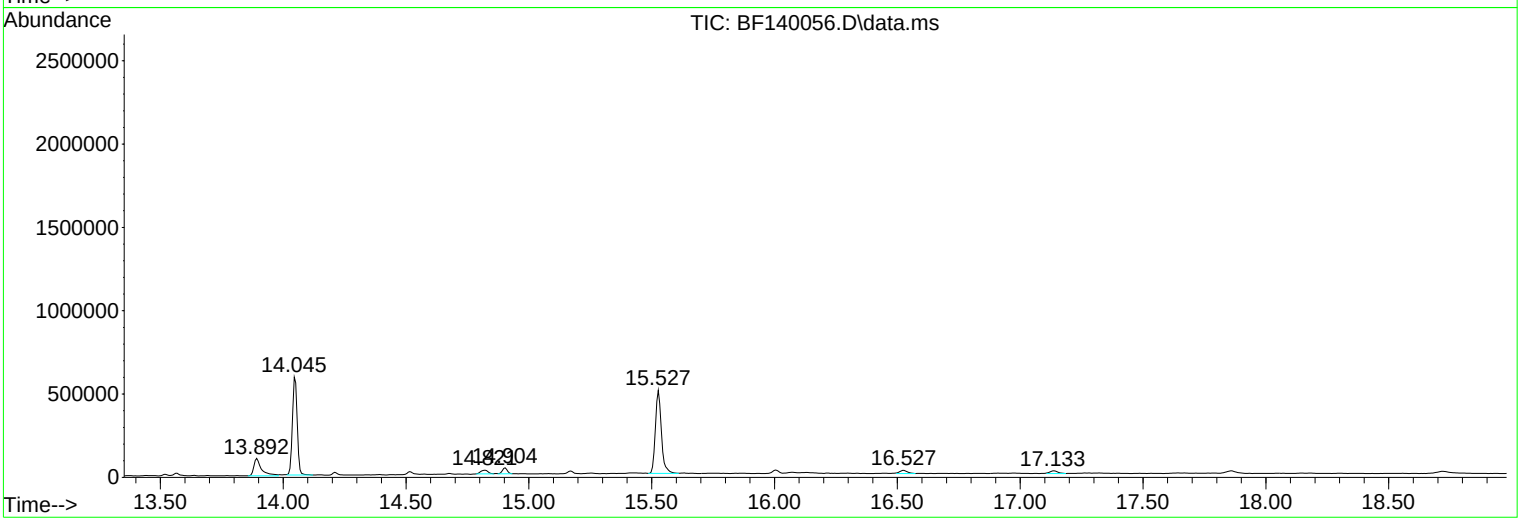
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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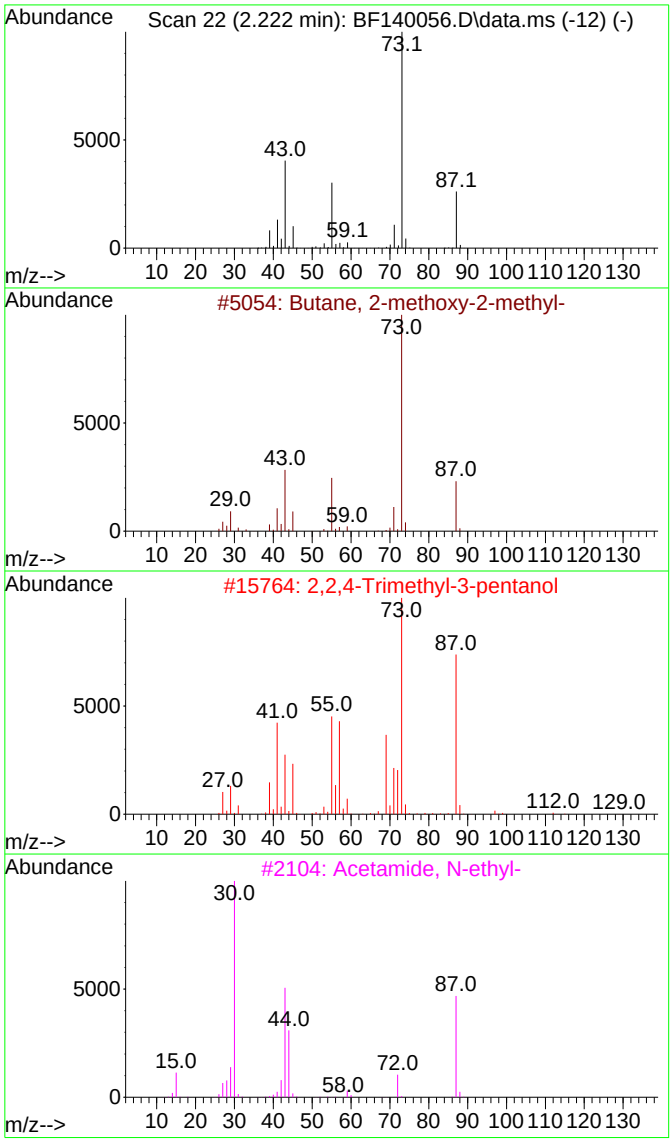
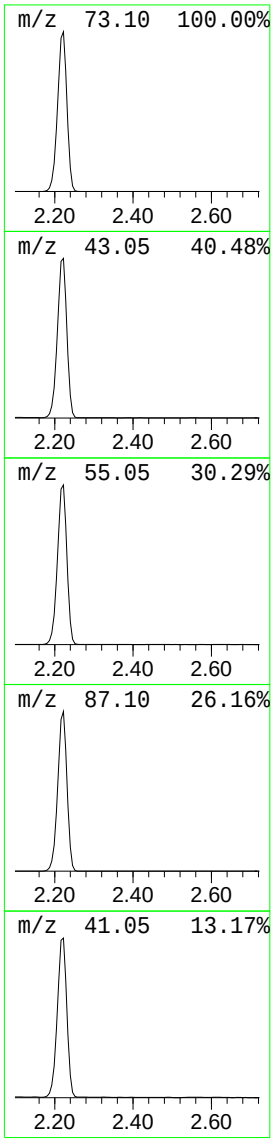
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.222	60.62 ng	2725230	1,4-Dichlorobenzene-d4	6.886

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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





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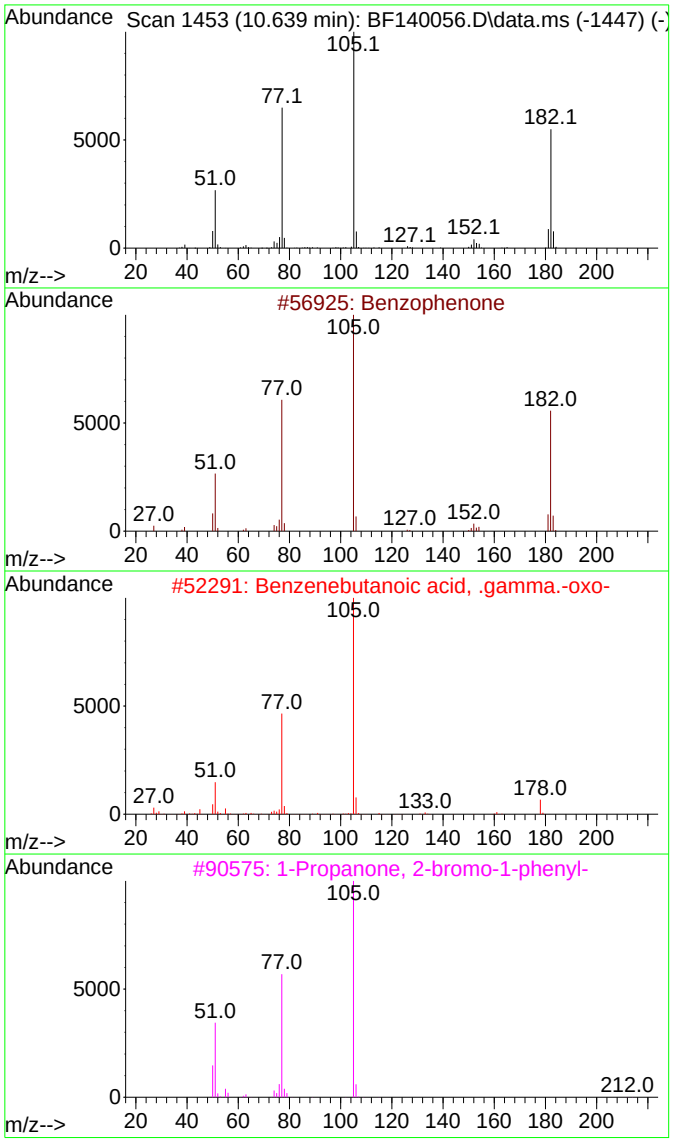
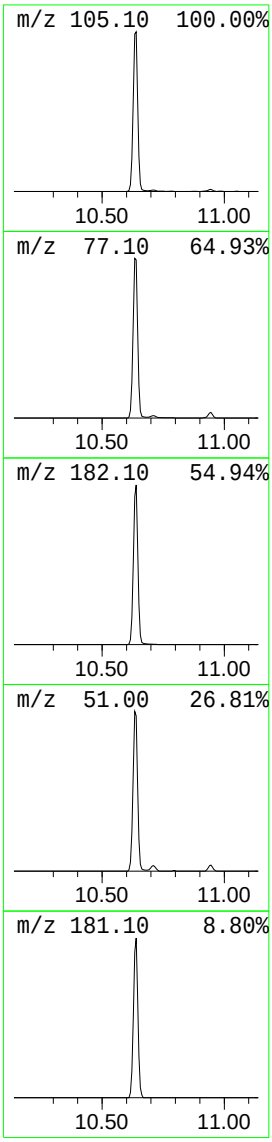
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	7.42 ng	539540	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	Benzoyl bromide	184	C7H5BrO	000618-32-6	47
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47





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Instrument :
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ClientSampleId :
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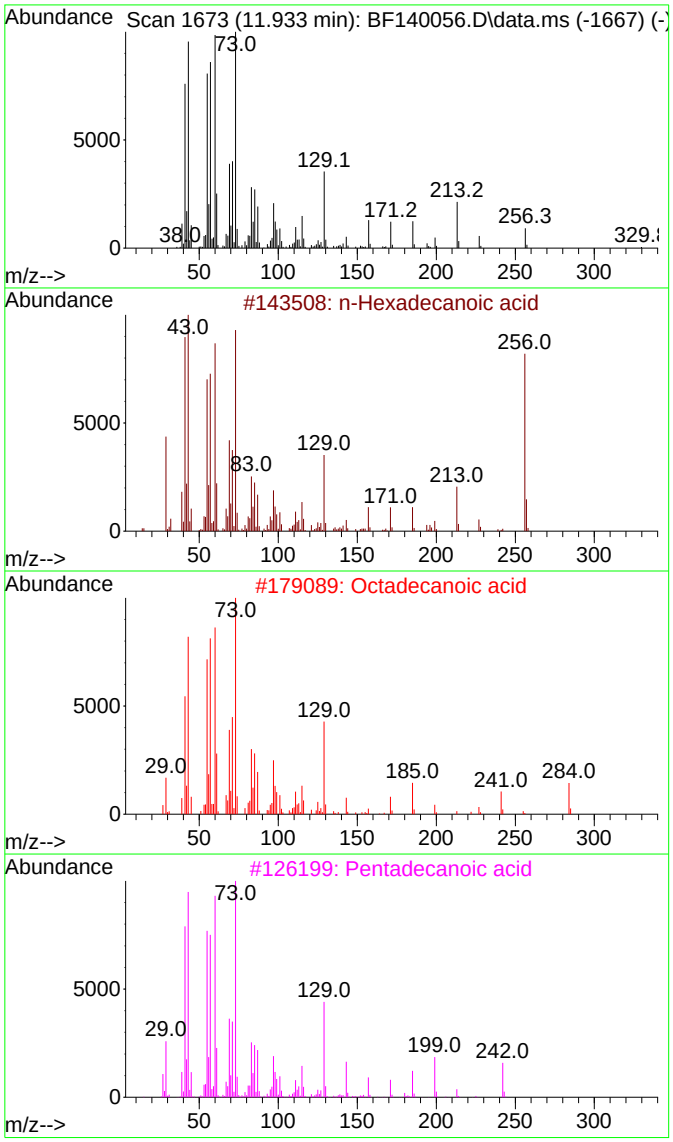
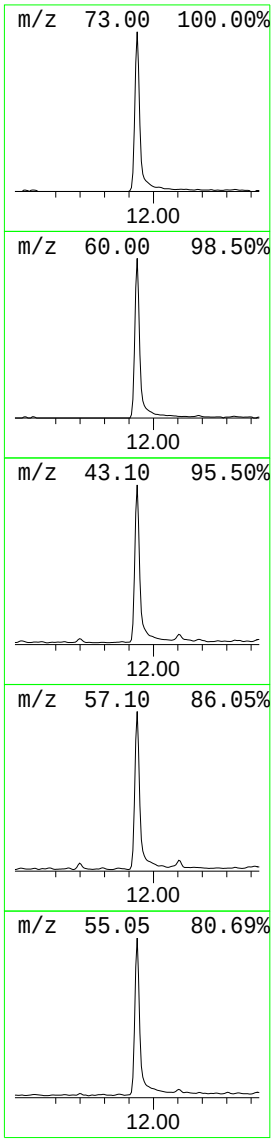
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	7.51 ng	544534	Phenanthrene-d10	11.410

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78





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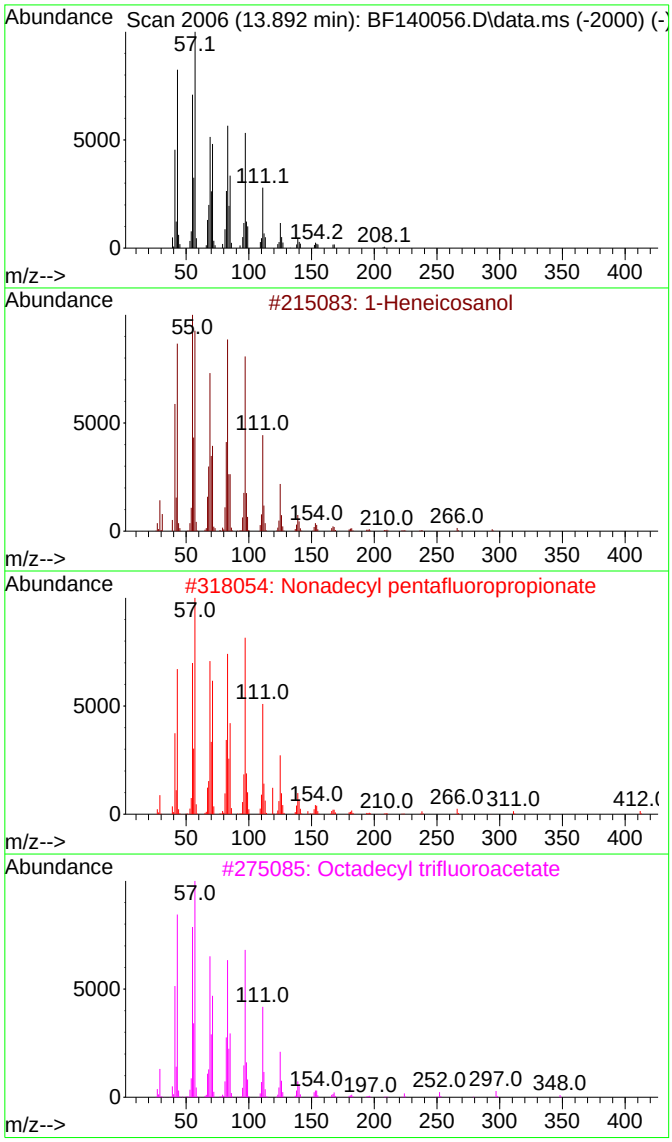
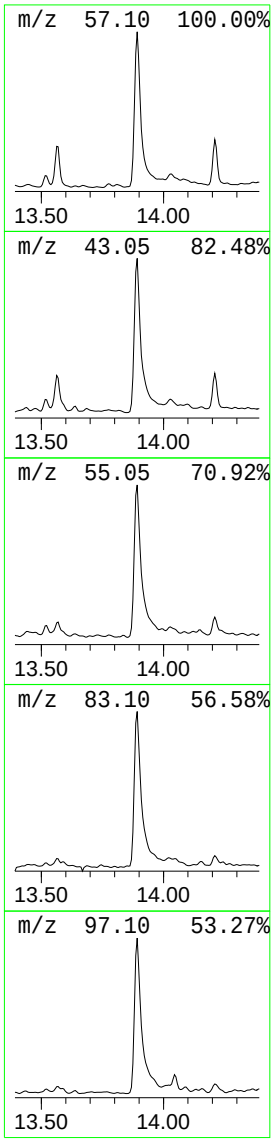
Peak Number 4 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	5.61 ng	224080	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91





Tentatively Identified Compound (LSC) summary

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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...	2.222	60.6	ng	2725230	1	6.886	899051	20.0
Benzophenone	10.639	7.4	ng	539540	3	9.922	1454180	20.0
n-Hexadecanoic ...	11.933	7.5	ng	544534	4	11.410	1450300	20.0
1-Heneicosanol	13.892	5.6	ng	224080	5	14.045	799150	20.0