

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141489.D
 Acq On : 06 Feb 2025 19:19
 Operator : RC/JU
 Sample : Q1309-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

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-BF020625.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141489.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.016	492	497	510	rVB	23583	41101	1.13%	0.173%
2	5.410	558	564	590	rBV	2120130	2895905	79.34%	12.169%
3	6.428	731	737	759	rBV	2163211	3070339	84.12%	12.903%
4	6.787	793	798	805	rBV	503380	615241	16.86%	2.585%
5	7.351	887	894	899	rBV	1451516	2001487	54.84%	8.411%
6	7.604	932	937	949	rBV	53424	78115	2.14%	0.328%
7	8.069	1010	1016	1036	rVB	635177	824401	22.59%	3.464%
8	9.145	1193	1199	1204	rBV	2712496	3536311	96.89%	14.861%
9	9.822	1308	1314	1326	rVB	744731	948187	25.98%	3.985%
10	10.539	1431	1436	1443	rBV	282506	352809	9.67%	1.483%
11	10.616	1443	1449	1454	rBV	1808558	2395495	65.63%	10.067%
12	11.310	1562	1567	1574	rBV	784816	978905	26.82%	4.114%
13	11.845	1652	1658	1674	rBV	388353	590781	16.19%	2.483%
14	12.628	1787	1791	1803	rBV	42996	81152	2.22%	0.341%
15	12.904	1831	1838	1843	rBV	2717351	3649808	100.00%	15.338%
16	13.380	1910	1919	1926	rBV	60033	91511	2.51%	0.385%
17	13.816	1986	1993	2010	rBV4	86450	355882	9.75%	1.496%
18	13.951	2010	2016	2026	rVB	548104	742737	20.35%	3.121%
19	15.410	2258	2264	2277	rBV	348999	546296	14.97%	2.296%

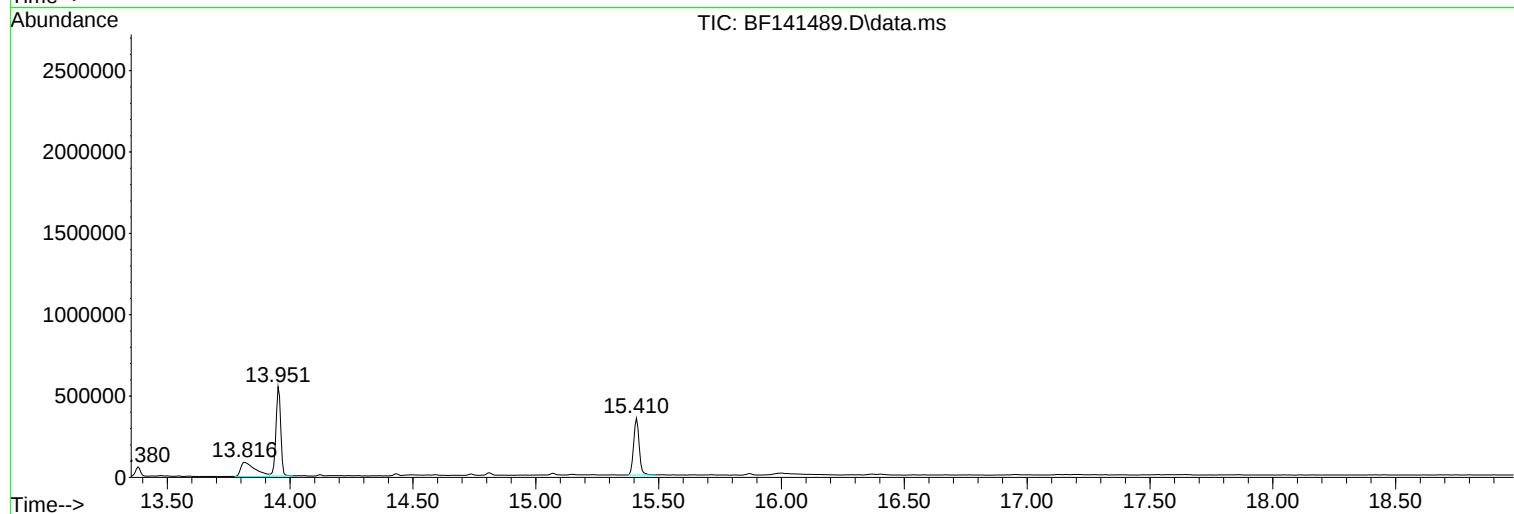
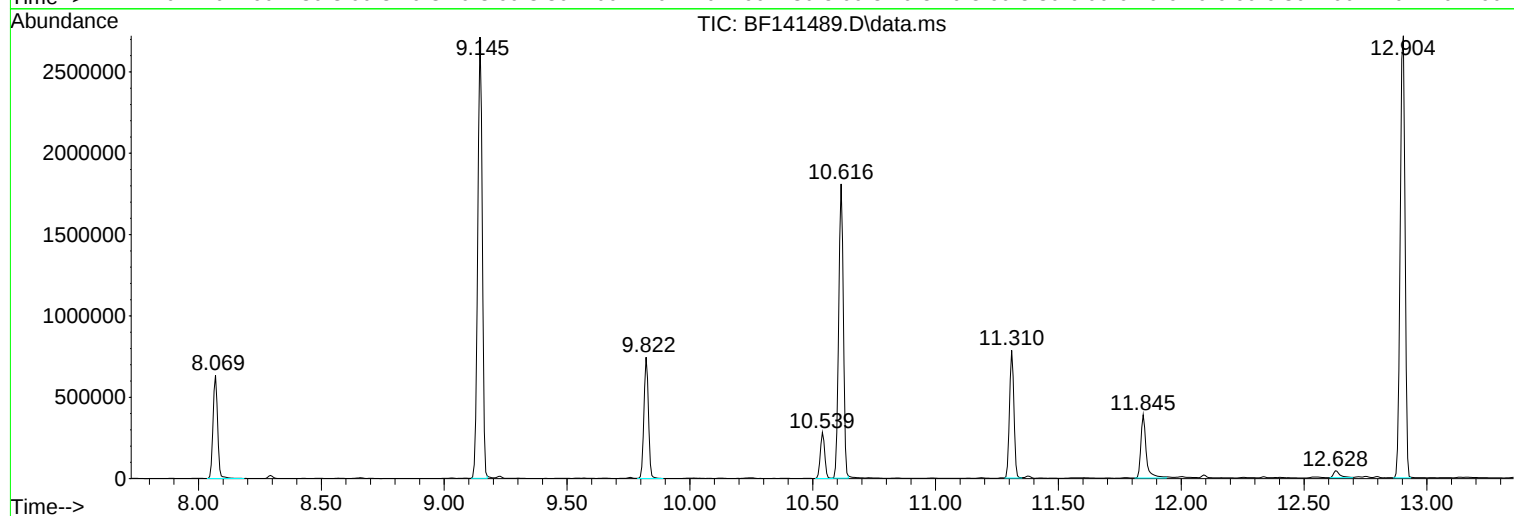
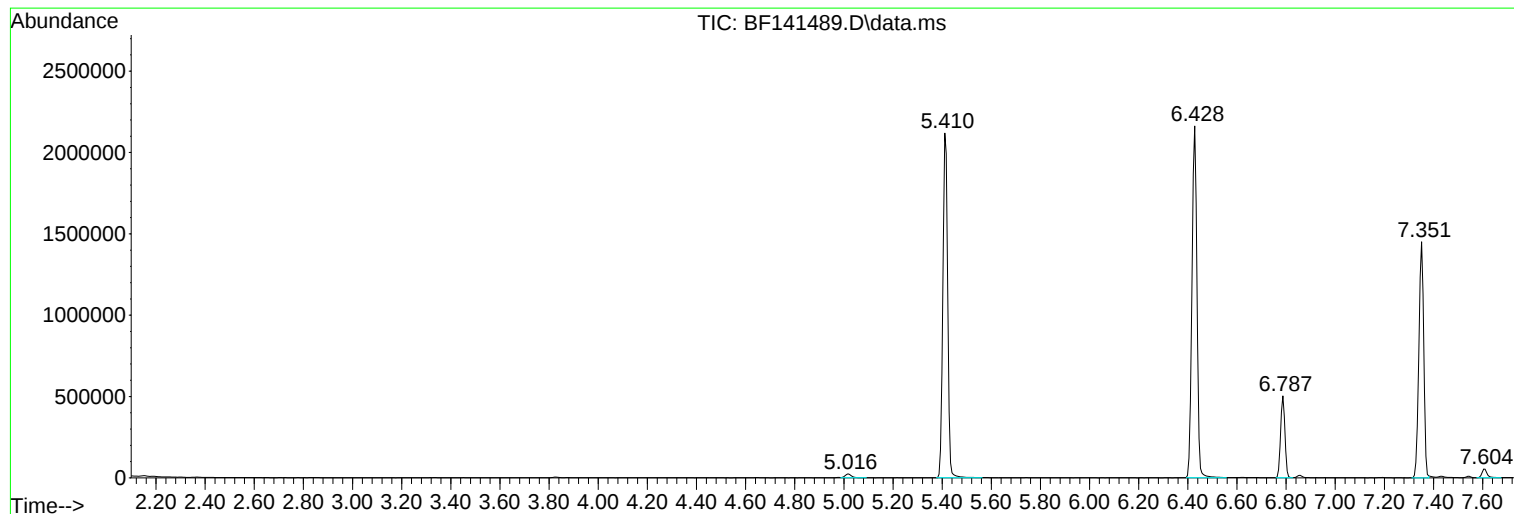
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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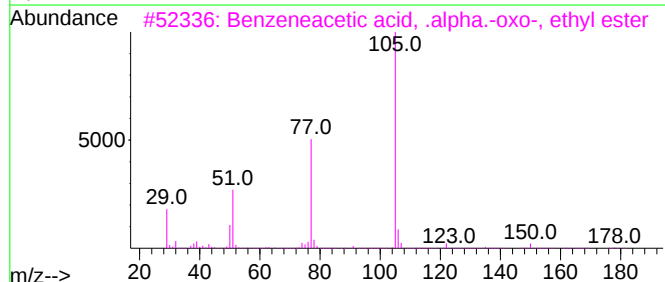
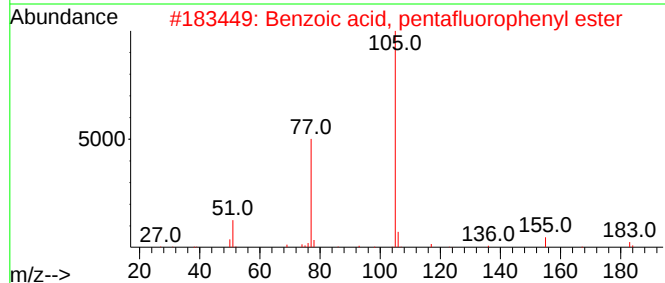
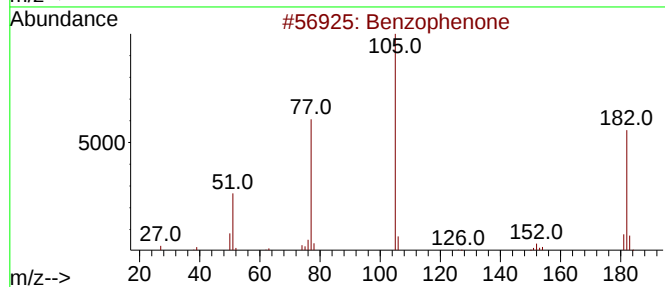
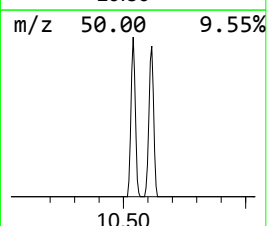
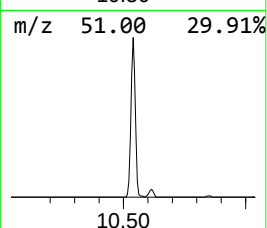
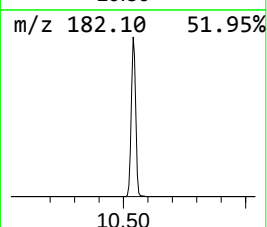
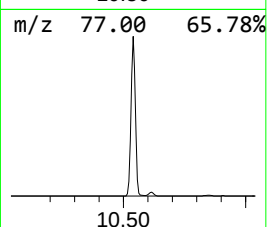
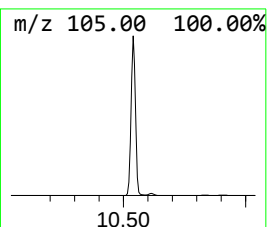
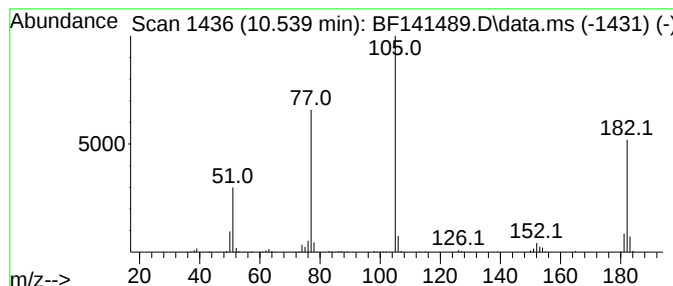
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	7.44 ng	352809	Acenaphthene-d10	9.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	50
3			Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	50
4			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
5			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	50



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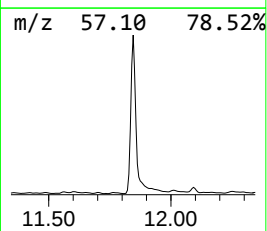
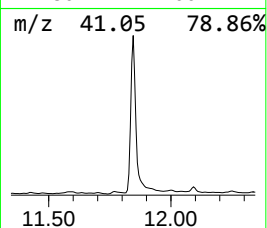
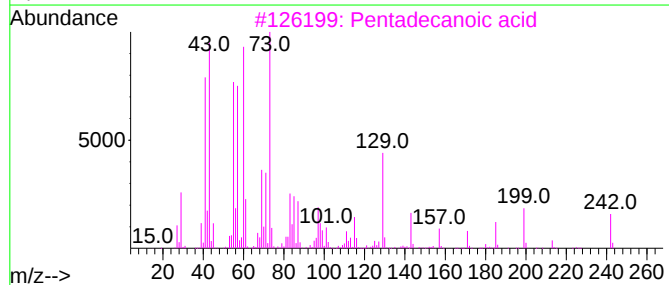
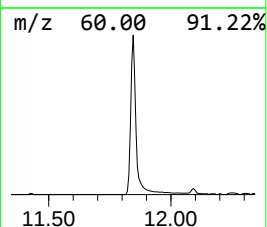
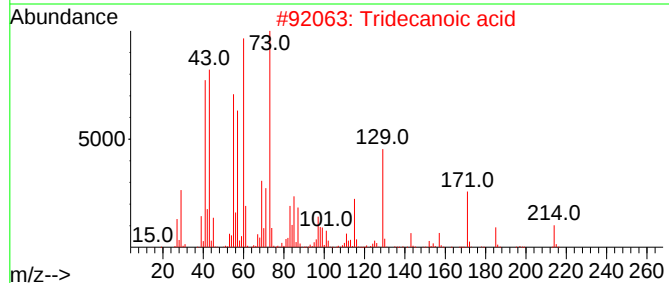
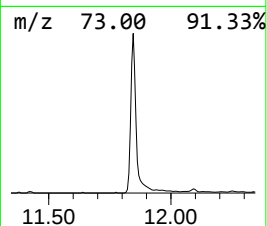
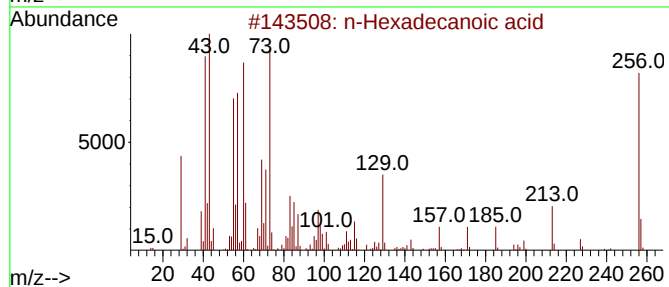
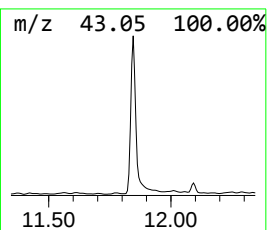
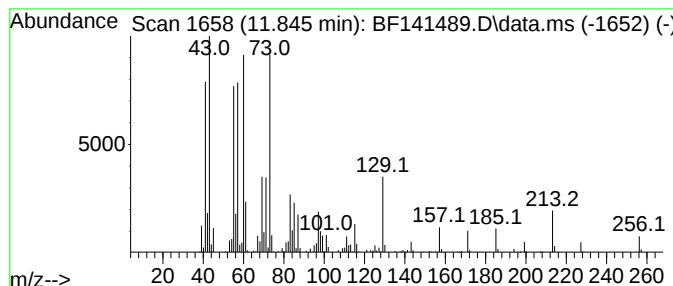
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	12.07 ng	590781	Phenanthrene-d10	11.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5			Undecanoic acid	186	C11H22O2	000112-37-8	58



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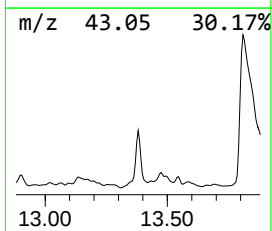
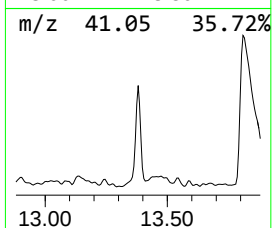
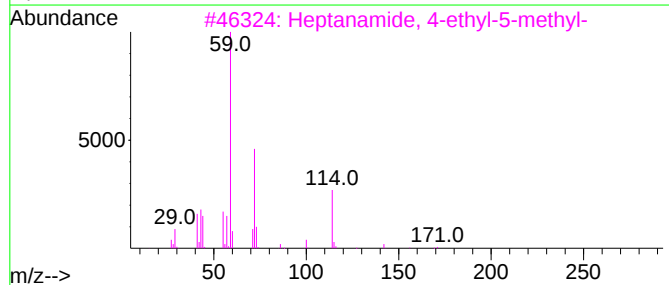
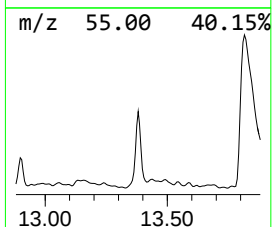
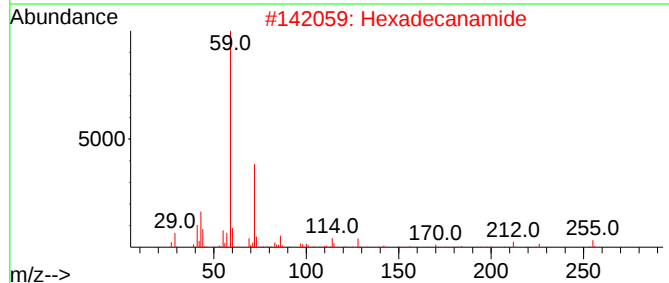
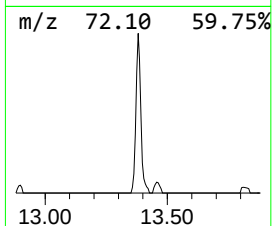
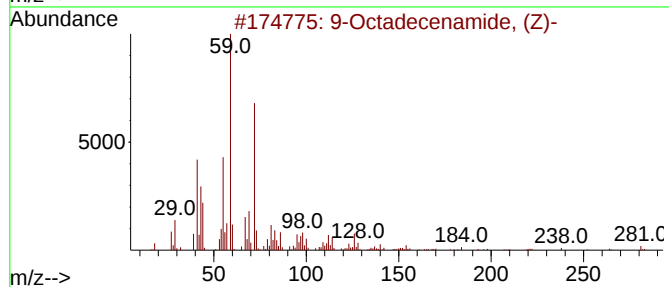
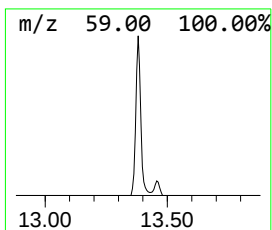
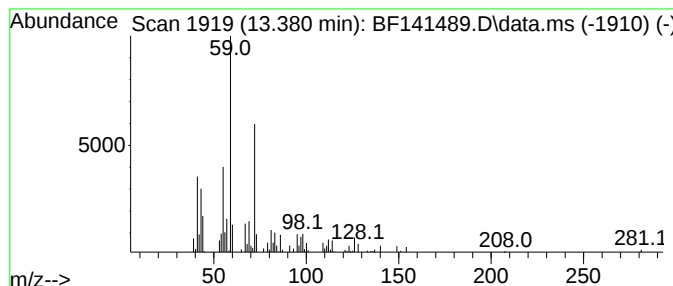
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.380	2.46 ng	91511	Chrysene-d12	13.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2			Hexadecanamide	255	C16H33NO	000629-54-9	72
3			Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	64
4			Palmitoleamide	253	C16H31NO	106010-22-4	64
5			7-Nonenamide	155	C9H17NO	090949-53-4	59



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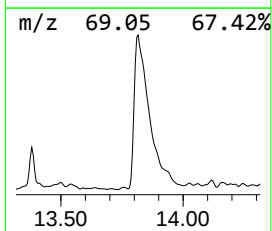
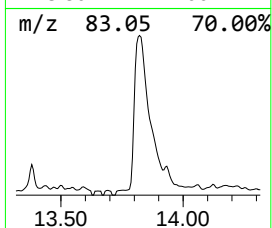
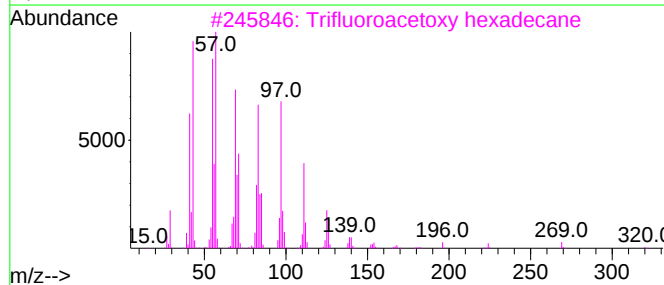
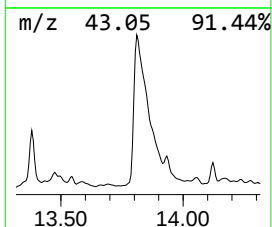
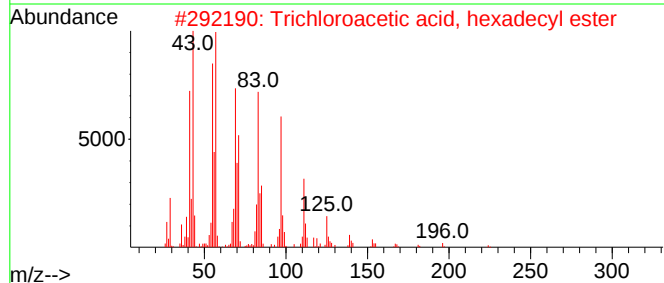
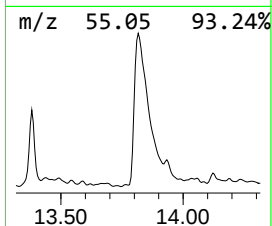
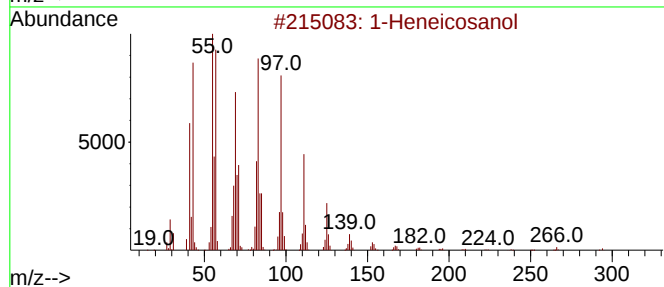
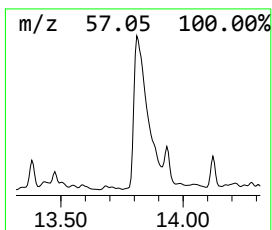
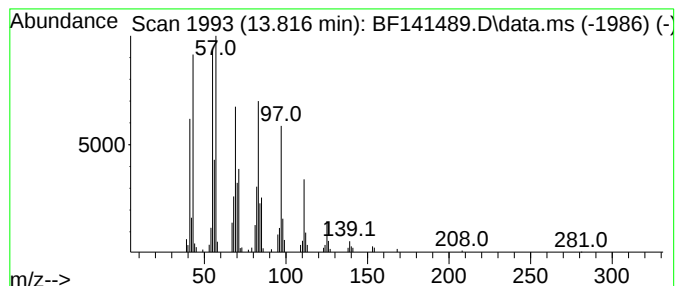
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Peak Number 4 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.816	9.58 ng	355882	Chrysene-d12	13.951	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.539	7.4	ng	352809	3	9.822	948187	20.0
n-Hexadecanoic ...	11.845	12.1	ng	590781	4	11.310	978905	20.0
9-Octadecenamid...	13.380	2.5	ng	91511	5	13.951	742737	20.0
1-Heneicosanol	13.816	9.6	ng	355882	5	13.951	742737	20.0