

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135077.D
 Acq On : 01 Sep 2023 15:35
 Operator : CG\JU
 Sample : 04203-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(12-12.5)

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-BF083023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135077.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	6	15	rVB	31696	40482	1.75%	0.262%
2	4.998	492	495	502	rVB	68446	84587	3.67%	0.547%
3	5.398	559	563	567	rBV	2178601	2130698	92.36%	13.784%
4	6.410	730	735	738	rBV	2131513	2092254	90.69%	13.535%
5	6.769	793	796	800	rBV	656777	510331	22.12%	3.301%
6	7.334	887	892	895	rBV	1561943	1349293	58.49%	8.729%
7	8.045	1010	1013	1017	rBV	756850	676689	29.33%	4.378%
8	9.128	1192	1197	1200	rBV	2682178	2307009	100.00%	14.924%
9	9.245	1214	1217	1221	rBV	28557	25933	1.12%	0.168%
10	9.804	1308	1312	1316	rBV	843707	699675	30.33%	4.526%
11	10.598	1443	1447	1450	rBV	1565741	1345017	58.30%	8.701%
12	11.298	1562	1566	1570	rBV	770620	628187	27.23%	4.064%
13	11.839	1654	1658	1668	rBV2	234052	264344	11.46%	1.710%
14	12.627	1787	1792	1802	rBV2	53013	74656	3.24%	0.483%
15	12.898	1833	1838	1841	rBV	2250166	1943137	84.23%	12.570%
16	13.827	1990	1996	2010	rBV3	88501	218455	9.47%	1.413%
17	13.951	2013	2017	2021	rBV	577318	525384	22.77%	3.399%
18	15.421	2261	2267	2272	rBV	445534	541819	23.49%	3.505%

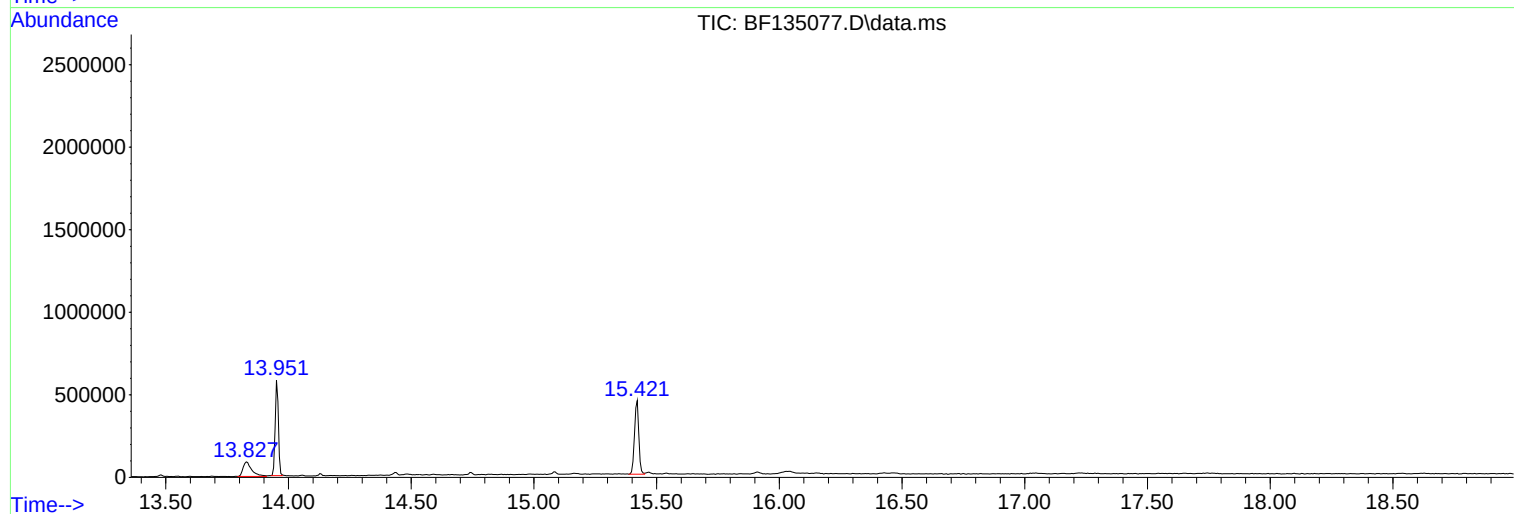
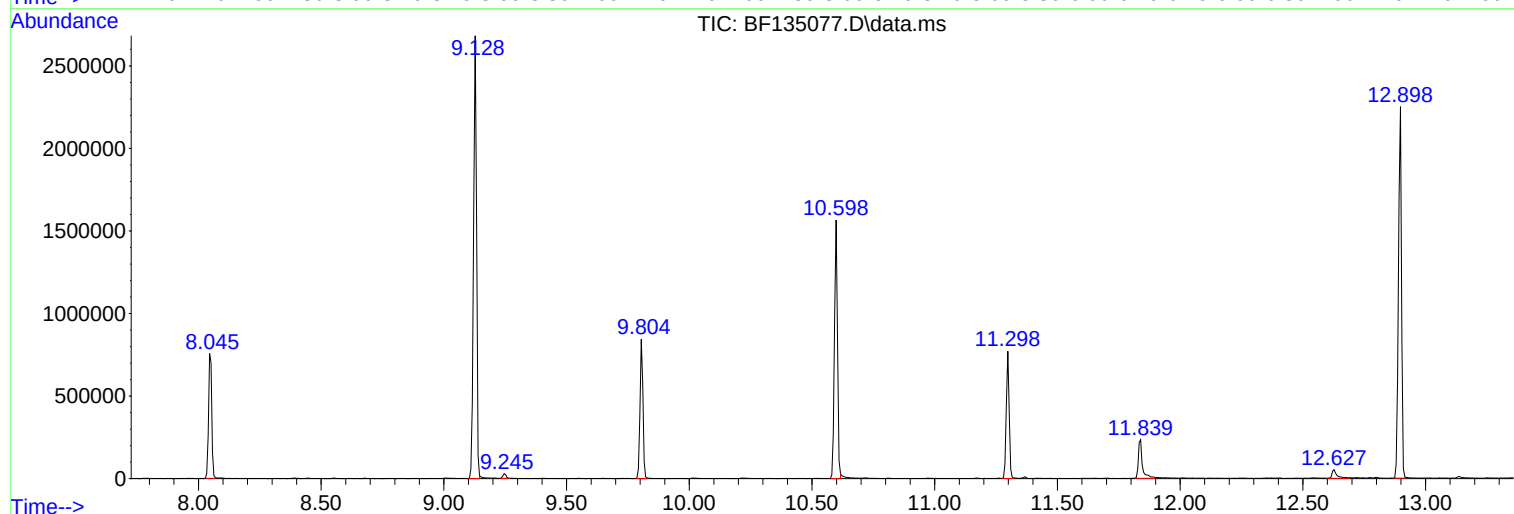
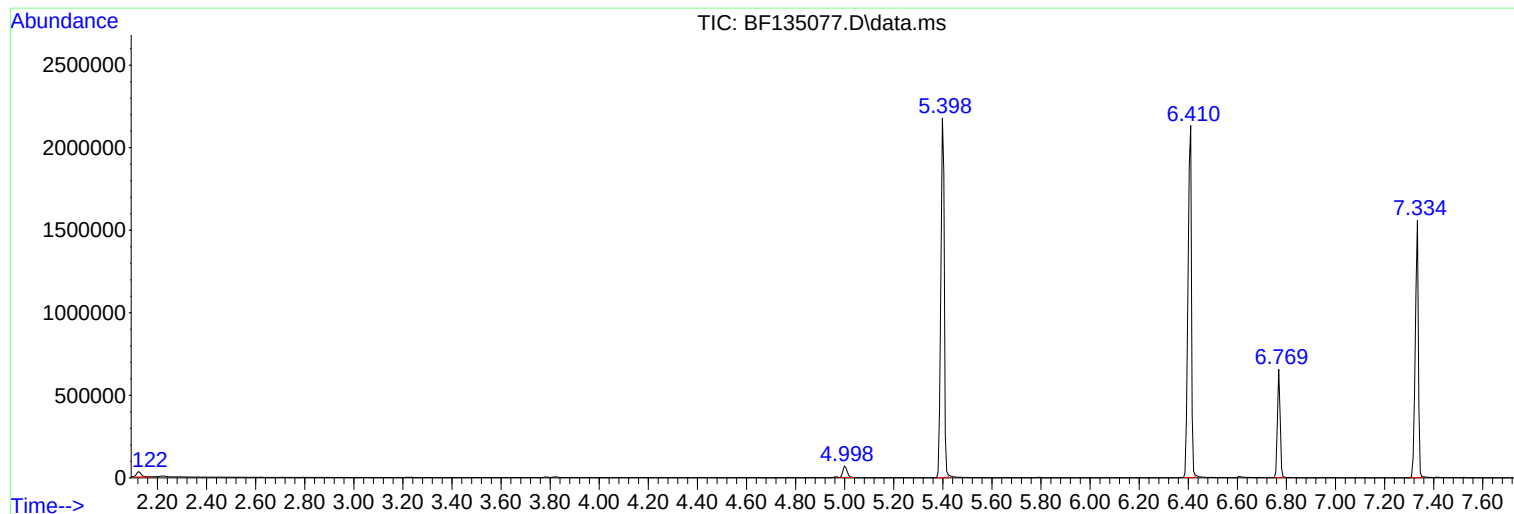
Sum of corrected areas: 15457950

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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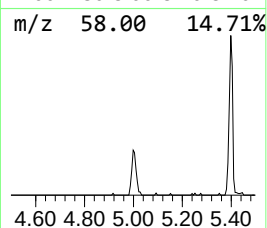
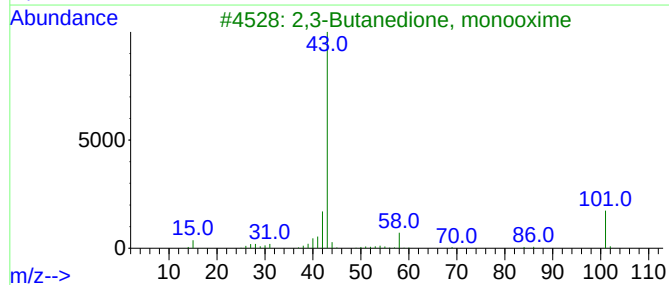
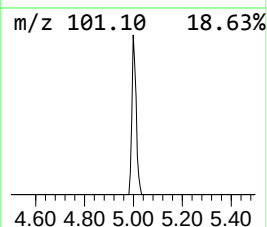
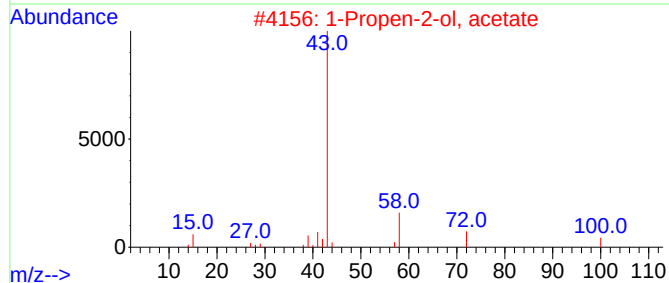
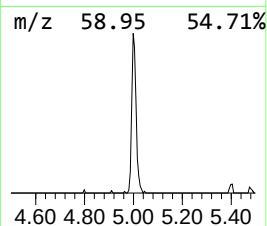
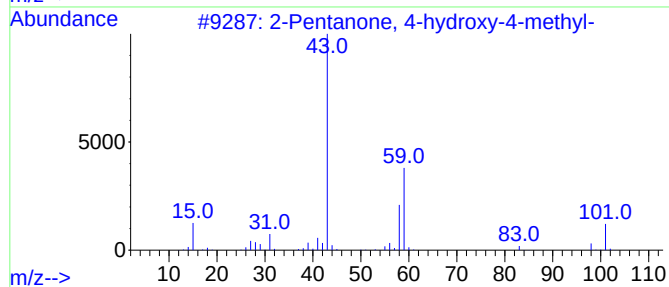
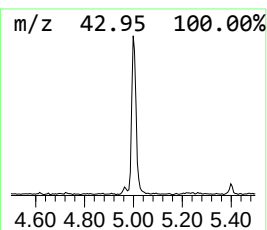
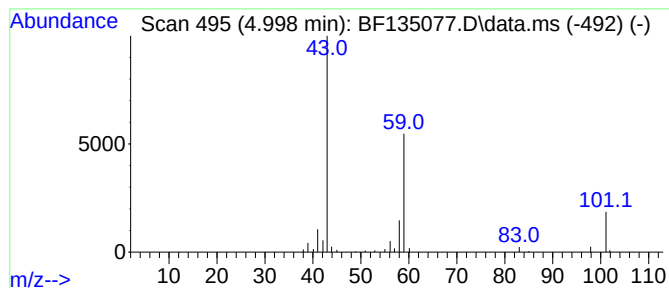
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.998	3.31 ng	84587	1,4-Dichlorobenzene-d4	6.769

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		Acetamide, N-(cyanomethyl)-	98	C4H6N2O	004814-80-6	9



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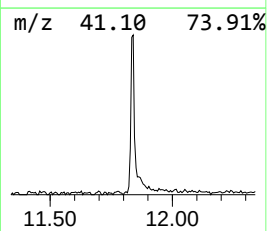
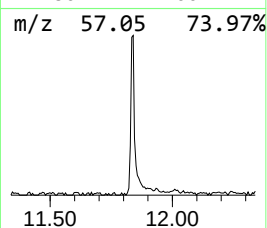
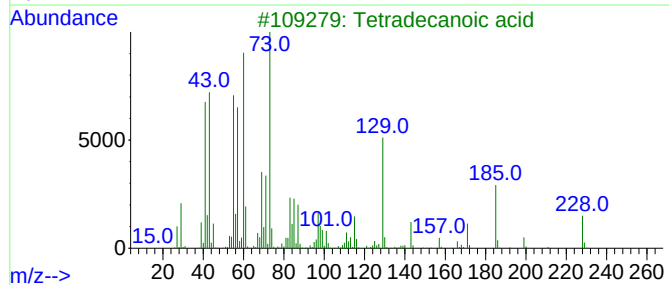
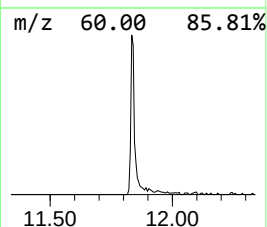
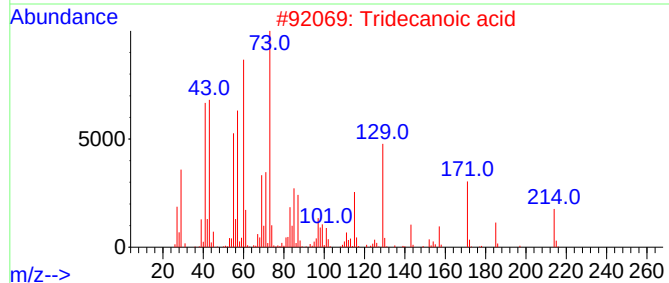
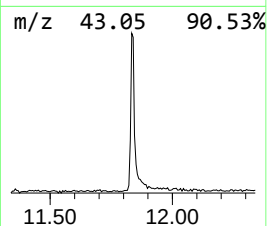
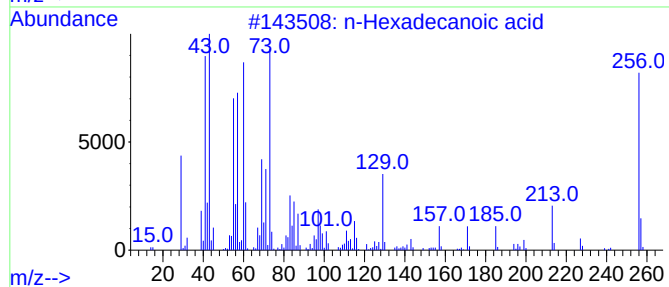
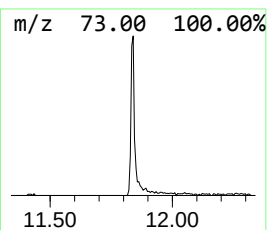
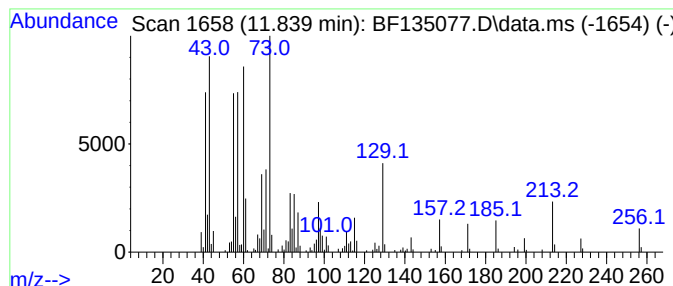
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	8.42 ng	264344	Phenanthrene-d10	11.298

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	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Undecanoic acid	186	C11H22O2	000112-37-8	81
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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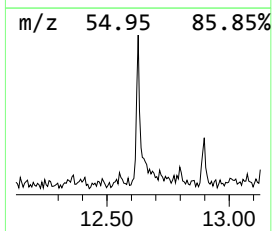
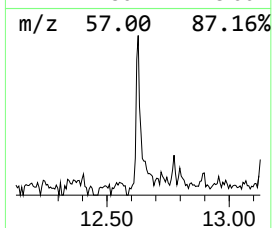
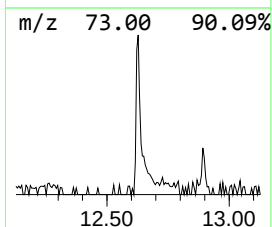
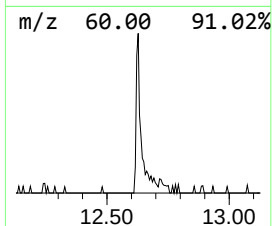
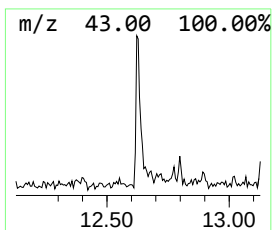
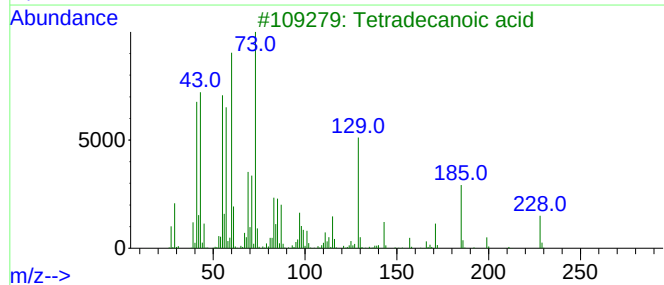
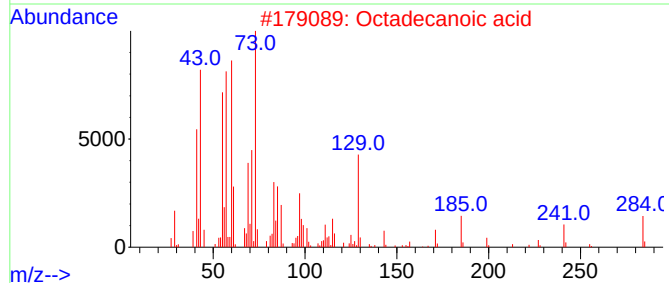
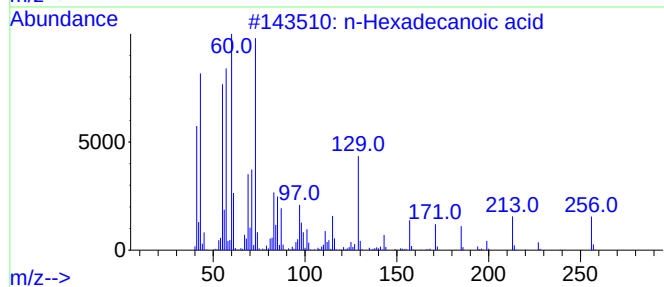
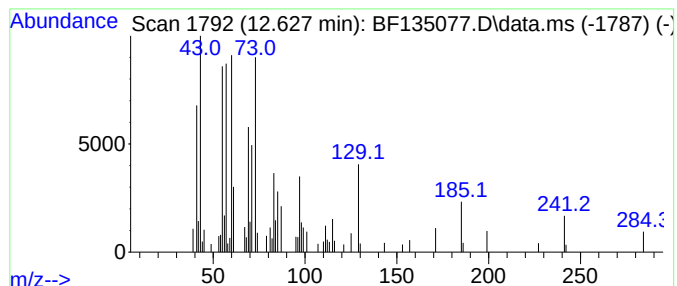
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	2.84 ng	74656	Chrysene-d12	13.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2			Octadecanoic acid	284	C18H36O2	000057-11-4	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5			Undecanoic acid	186	C11H22O2	000112-37-8	53



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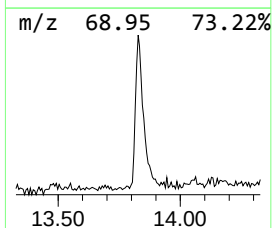
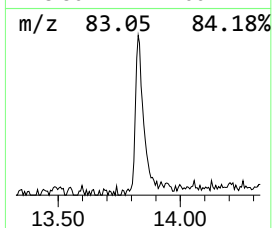
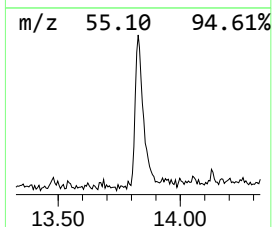
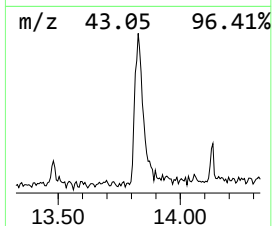
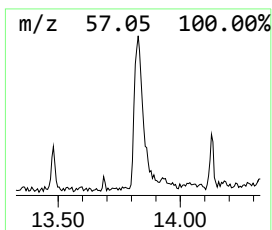
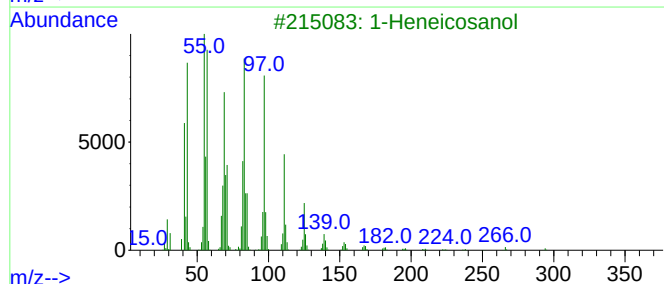
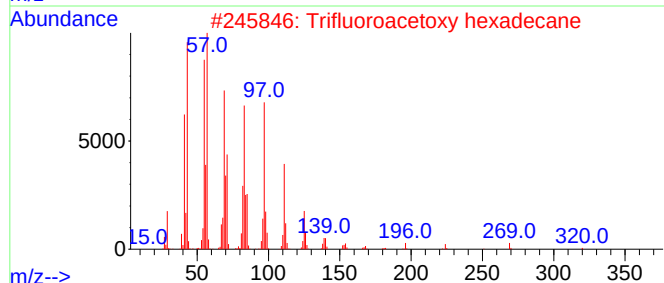
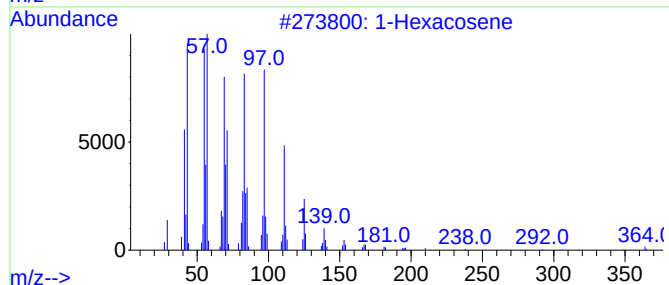
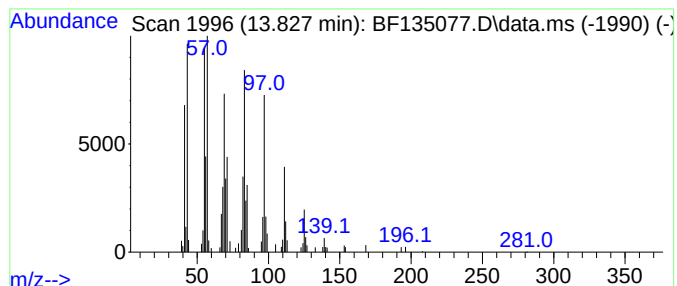
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Peak Number 4 1-Hexacosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.827	8.32 ng	218455	Chrysene-d12	13.951	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.998	3.3	ng	84587	1	6.769	510331	20.0
n-Hexadecanoic ...	11.839	8.4	ng	264344	4	11.298	628187	20.0
Octadecanoic acid	12.627	2.8	ng	74656	5	13.951	525384	20.0
1-Hexacosene	13.827	8.3	ng	218455	5	13.951	525384	20.0