

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
 Data File : BM029589.D
 Acq On : 22 Apr 2021 05:05
 Operator : CG/JU
 Sample : M2114-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-1

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_M\Methods\8270-BM042121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029589.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.240	394	400	410	rBV	820255	1238619	11.90%	3.181%
2	6.822	659	669	686	rBV2	593714	1160142	11.15%	2.979%
3	7.645	802	809	821	rBV	323862	545078	5.24%	1.400%
4	8.798	999	1005	1021	rVB	1314803	2195435	21.10%	5.638%
5	10.422	1274	1281	1288	rBV	453098	770128	7.40%	1.978%
6	12.910	1696	1704	1716	rBV	4616389	6570727	63.15%	16.875%
7	13.745	1841	1846	1856	rVB	268485	388957	3.74%	0.999%
8	14.286	1931	1938	1945	rBV	864293	1275275	12.26%	3.275%
9	15.780	2185	2192	2201	rBV	4248105	5746447	55.23%	14.758%
10	17.027	2398	2404	2411	rBV	1105226	1592444	15.31%	4.090%
11	17.945	2554	2560	2568	rBV	871671	1243206	11.95%	3.193%
12	19.227	2773	2778	2789	rBV	582323	856255	8.23%	2.199%
13	19.662	2846	2852	2861	rBV	8761054	10404450	100.00%	26.720%
14	20.933	3064	3068	3078	rBV	1018289	1236935	11.89%	3.177%
15	21.209	3110	3115	3123	rBV	1561840	1992960	19.15%	5.118%
16	23.403	3482	3488	3496	rVB2	785647	1471582	14.14%	3.779%
17	24.021	3589	3593	3603	rVB4	124774	249653	2.40%	0.641%

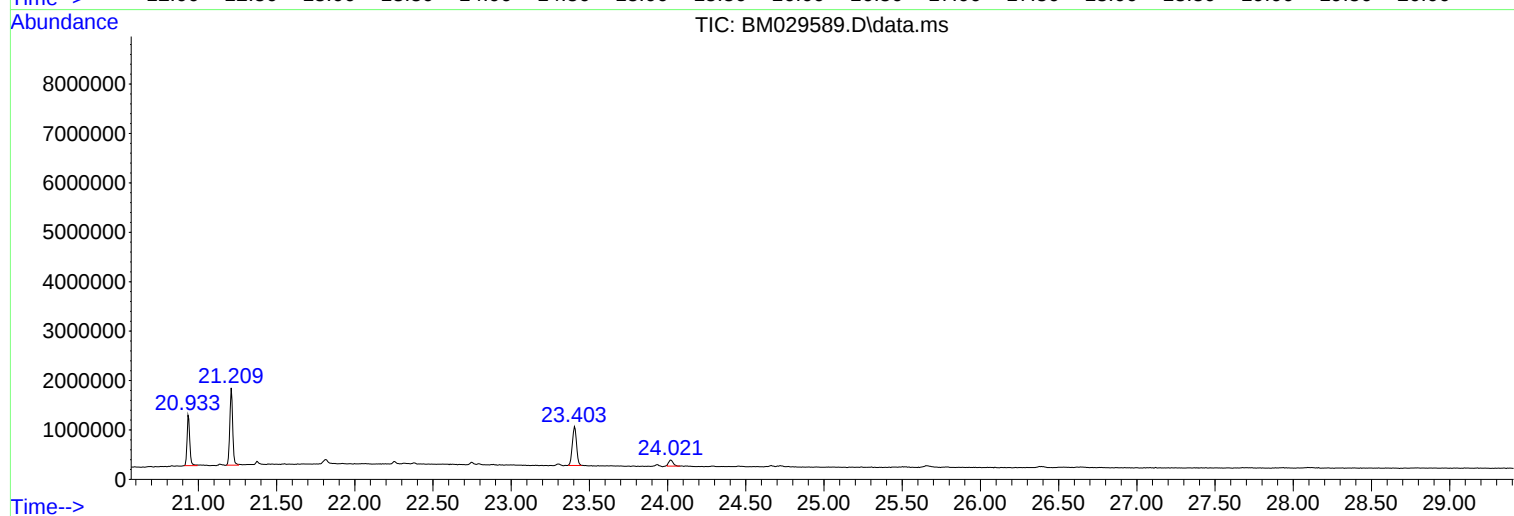
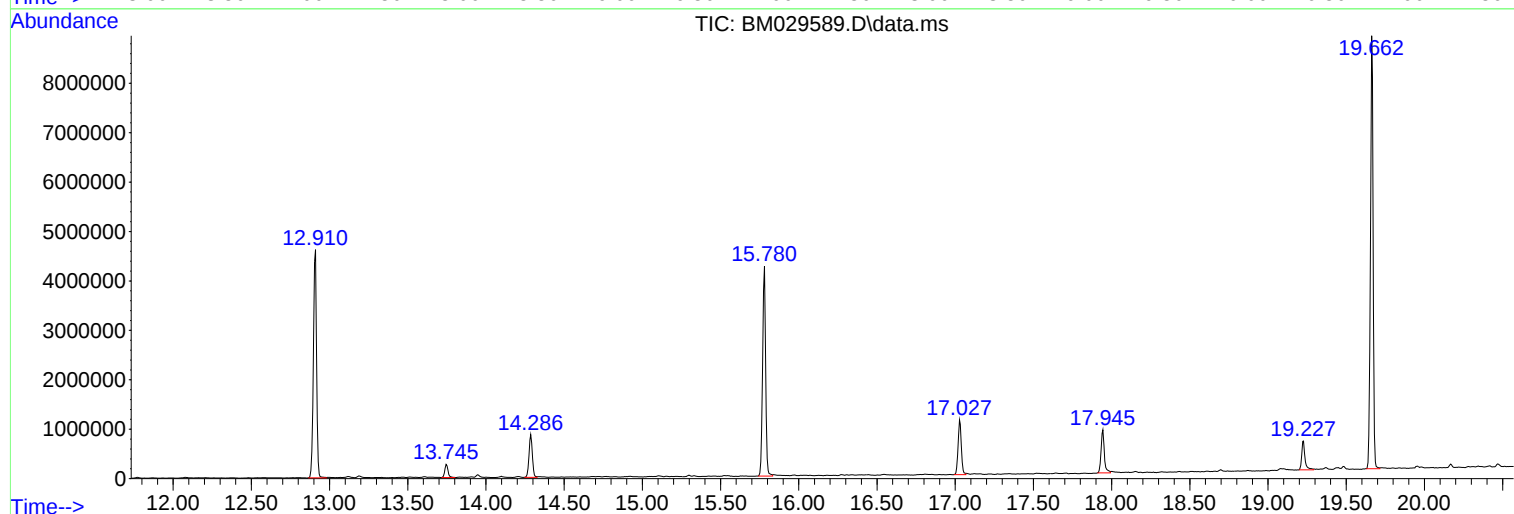
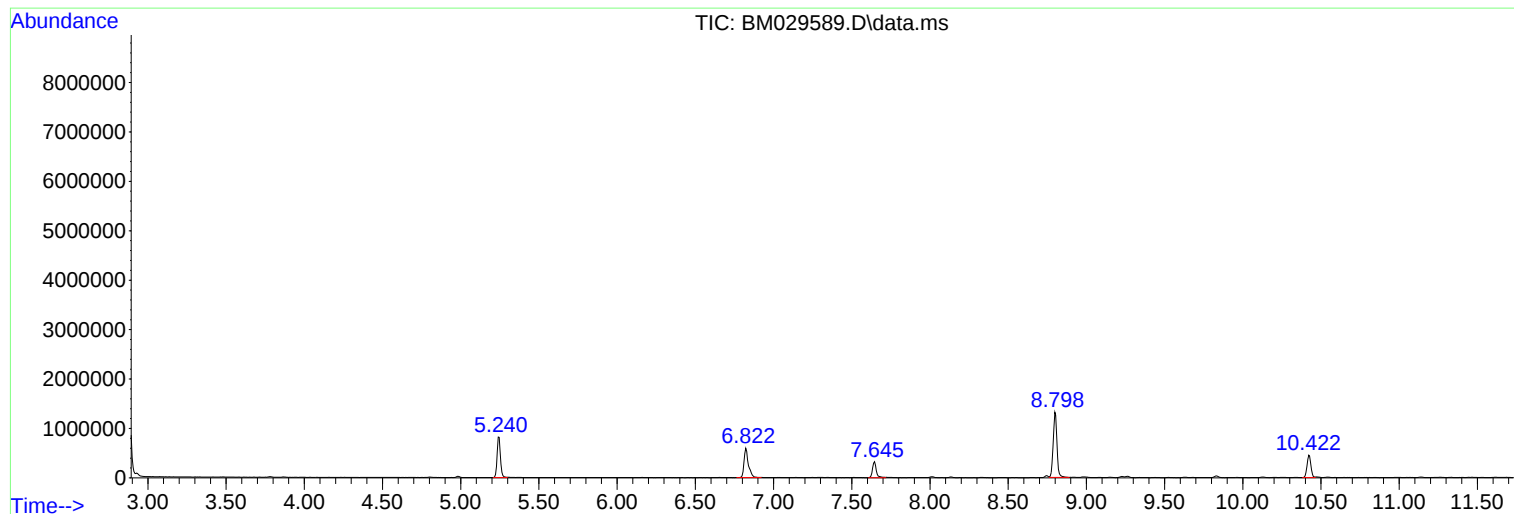
Sum of corrected areas: 38938293

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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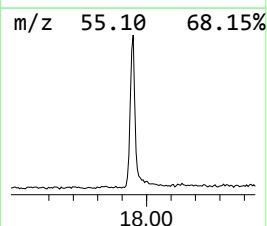
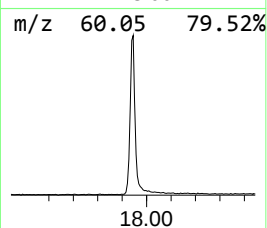
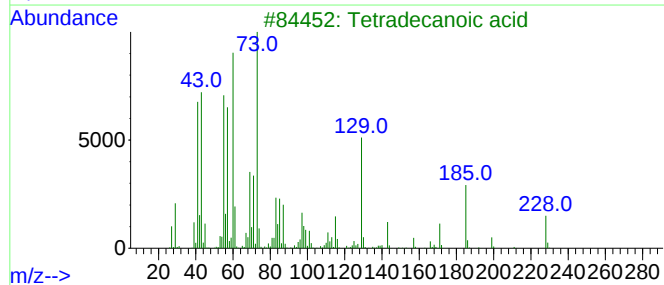
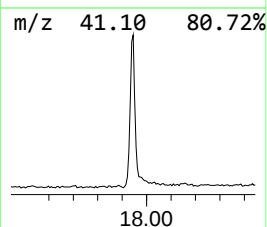
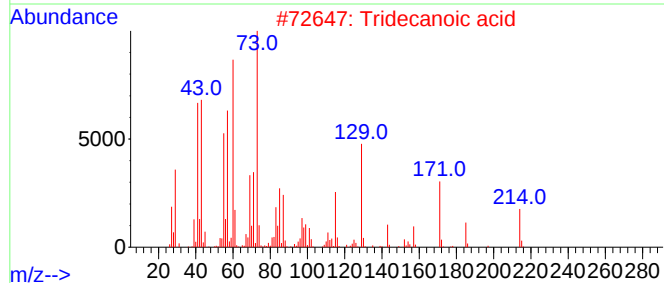
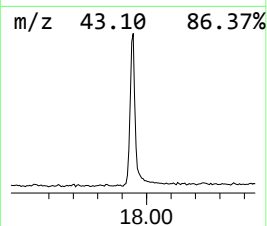
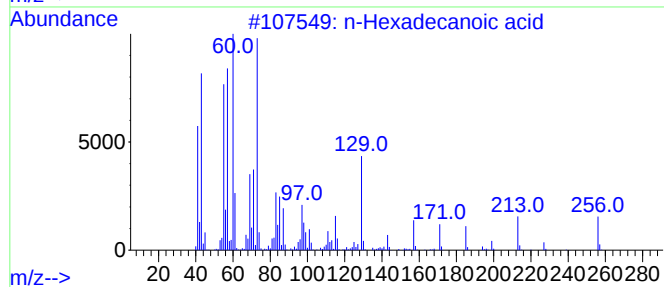
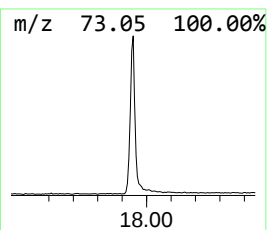
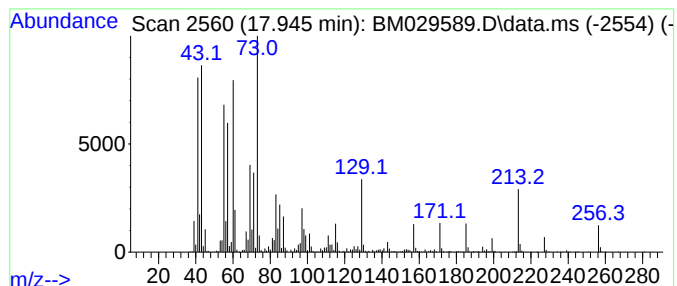
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	15.61 ng	1243210	Phenanthrene-d10	17.027

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	92
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Isopropyl palmitate	298	C19H38O2	000142-91-6	50



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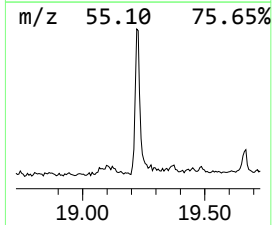
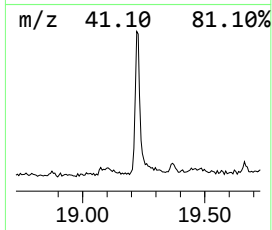
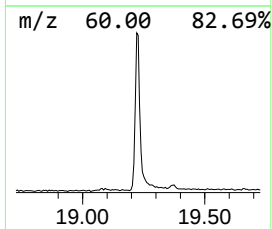
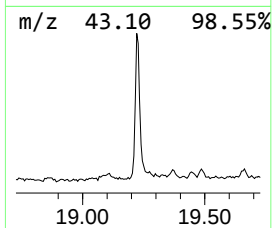
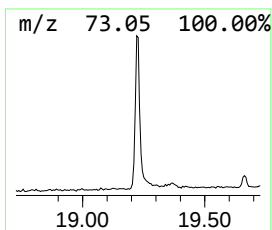
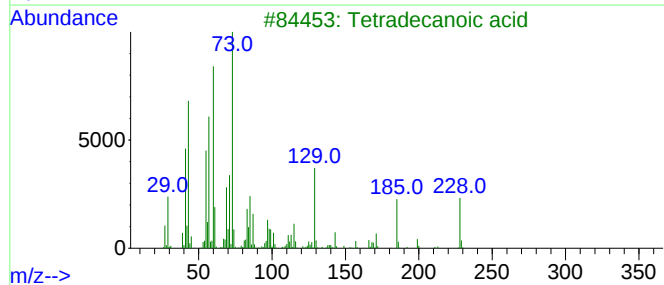
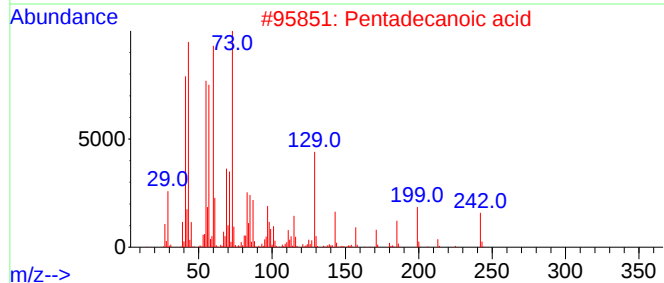
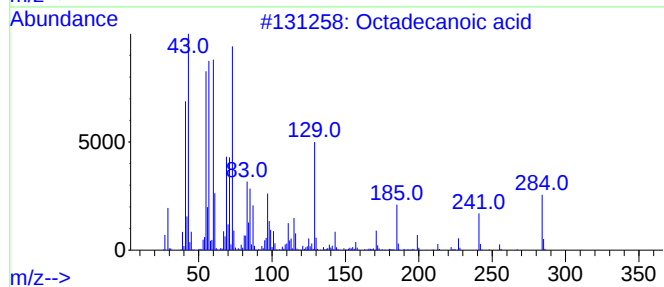
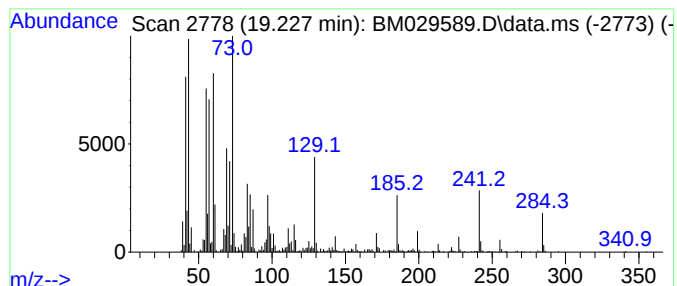
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.227	8.59 ng	856255	Chrysene-d12	21.209

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



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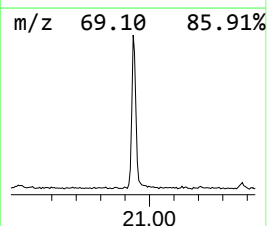
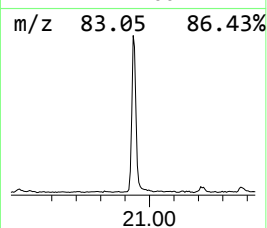
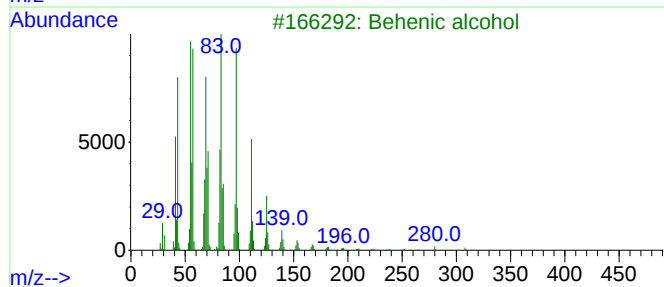
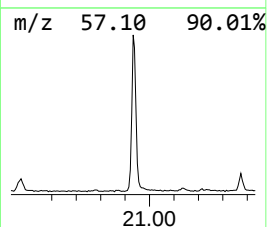
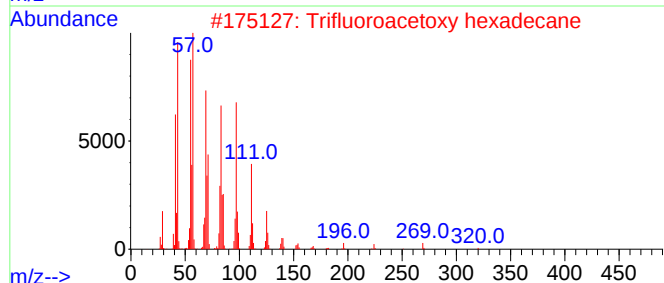
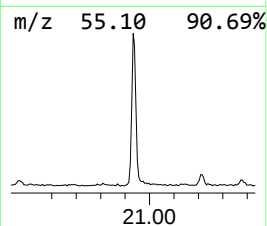
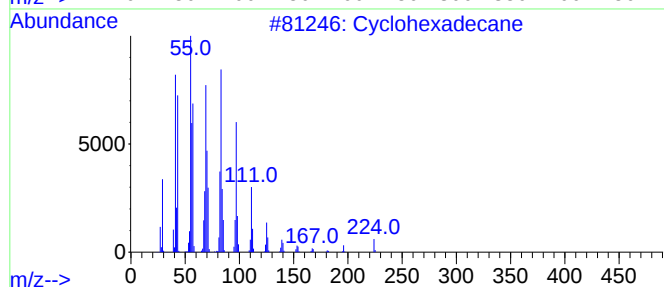
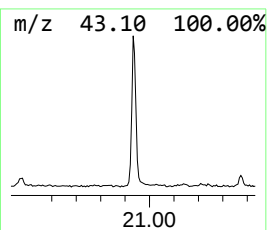
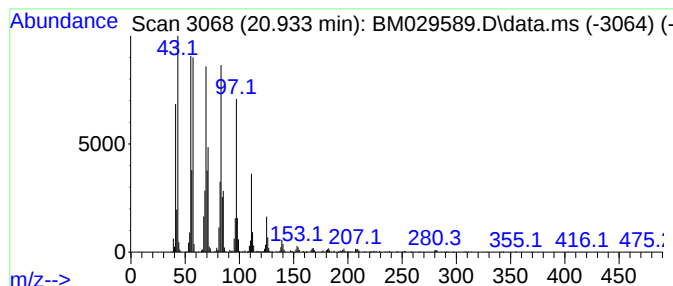
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Peak Number 3 Cyclohexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.933	12.41 ng	1236940	Chrysene-d12	21.209

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	96
2			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3			Behenic alcohol	326	C22H46O	000661-19-8	94
4			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	94



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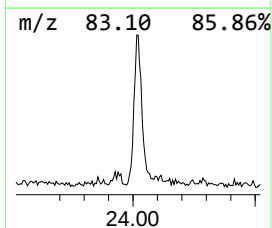
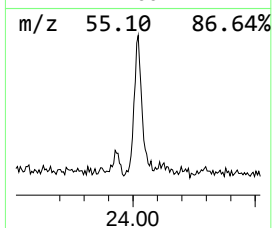
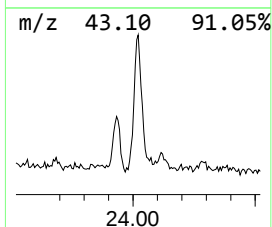
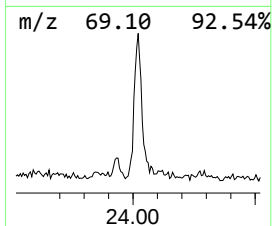
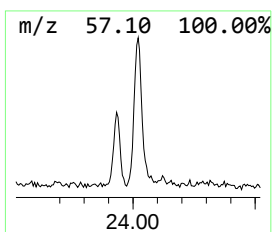
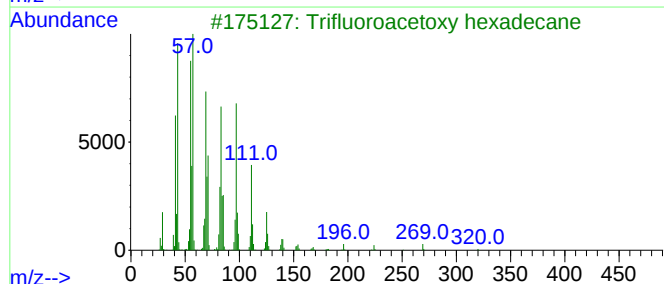
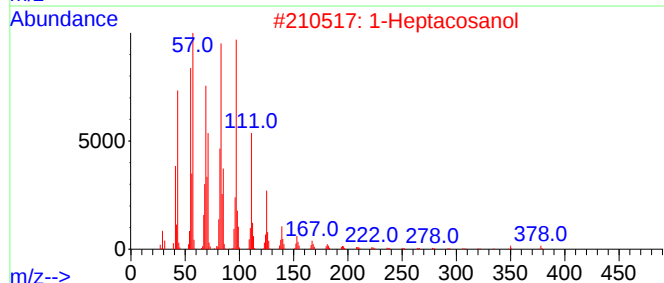
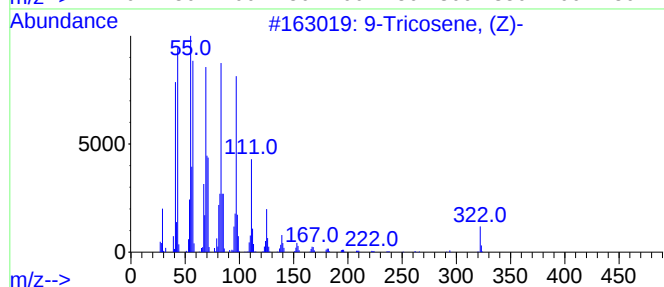
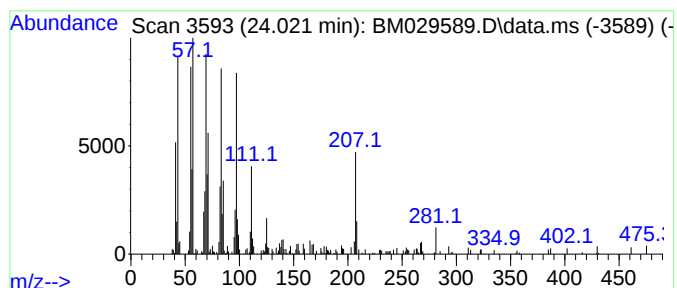
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Peak Number 4 9-Tricosene, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.021	3.39 ng	249653	Perylene-d12	23.403

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-			322	C23H46	027519-02-4	90
2	1-Heptacosanol			396	C27H56O	002004-39-9	78
3	Trifluoroacetoxy hexadecane			338	C18H33F3O2	006222-03-3	76
4	Trifluoroacetic acid, pentadecyl...			324	C17H31F3O2	959010-23-2	74
5	Nonadecyl trifluoroacetate			380	C21H39F3O2	1000351-76-3	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.945	15.6	ng	1243210	4	17.027	1592440	20.0
Octadecanoic acid	19.227	8.6	ng	856255	5	21.209	1992960	20.0
Cyclohexadecane	20.933	12.4	ng	1236940	5	21.209	1992960	20.0
9-Tricosene, (Z)-	24.021	3.4	ng	249653	6	23.403	1471580	20.0