

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
 Data File : BM028498.D
 Acq On : 21 Jan 2021 21:07
 Operator : CG/JU
 Sample : M1179-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HS-TP1

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-BM012021.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM028498.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.540	394	400	408	rBV	430235	616632	55.68%	9.732%
2	7.175	670	678	690	rVB	420563	652174	58.89%	10.293%
3	8.016	815	821	828	rVB	113904	171085	15.45%	2.700%
4	9.192	1014	1021	1029	rBV	250891	412946	37.29%	6.517%
5	10.833	1293	1300	1307	rVB	142605	233520	21.09%	3.685%
6	13.286	1710	1717	1725	rBV	565959	826692	74.65%	13.047%
7	14.110	1852	1857	1863	rVB	14788	19708	1.78%	0.311%
8	14.657	1944	1950	1956	rVB	192811	283730	25.62%	4.478%
9	16.139	2196	2202	2208	rVB	452051	602682	54.42%	9.512%
10	17.386	2408	2414	2420	rBV	229714	314757	28.42%	4.968%
11	18.257	2557	2562	2577	rBV	72459	106143	9.58%	1.675%
12	18.680	2630	2634	2638	rBV	18319	18523	1.67%	0.292%
13	19.521	2773	2777	2784	rBV	35803	50829	4.59%	0.802%
14	19.980	2849	2855	2860	rBV	917461	1107398	100.00%	17.477%
15	21.215	3061	3065	3074	rBV	101650	126660	11.44%	1.999%
16	21.515	3111	3116	3123	rBV	305808	364715	32.93%	5.756%
17	22.692	3312	3316	3322	rVB	45990	61129	5.52%	0.965%
18	23.797	3498	3504	3514	rVB2	197147	366948	33.14%	5.791%

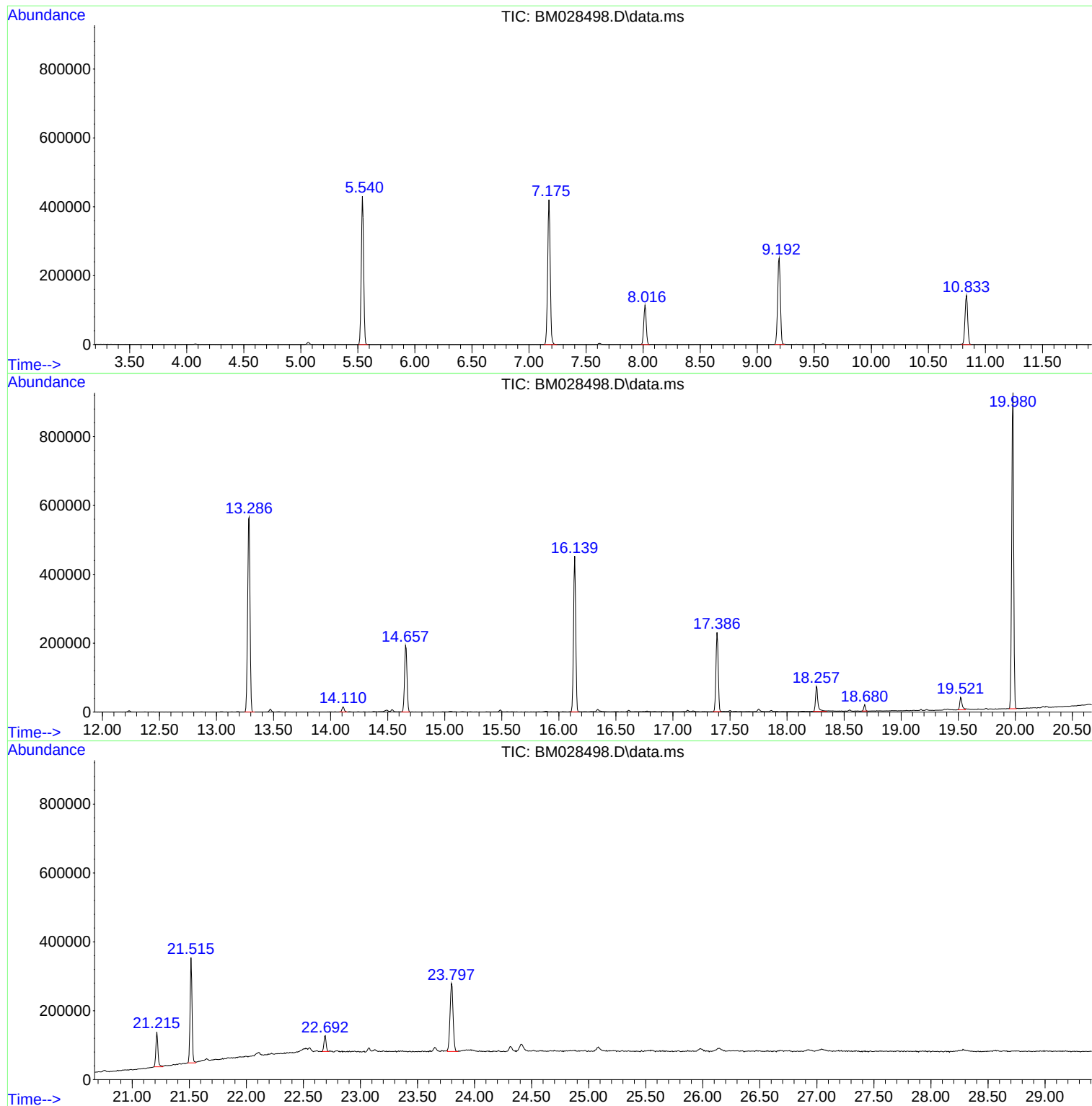
Sum of corrected areas: 6336271

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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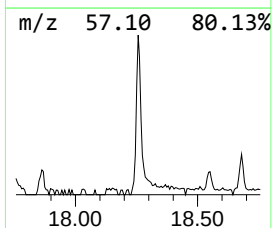
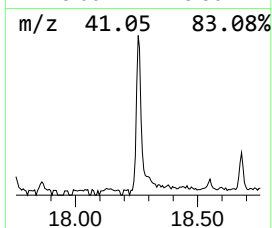
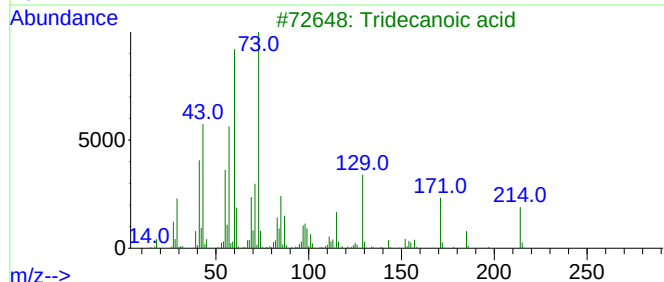
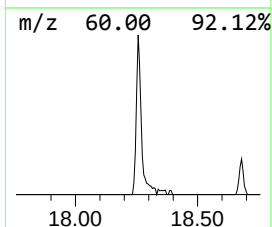
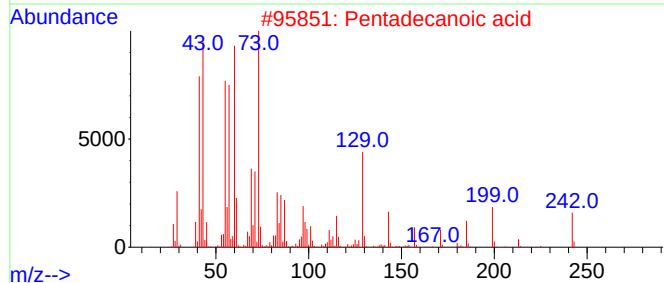
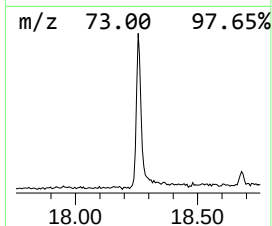
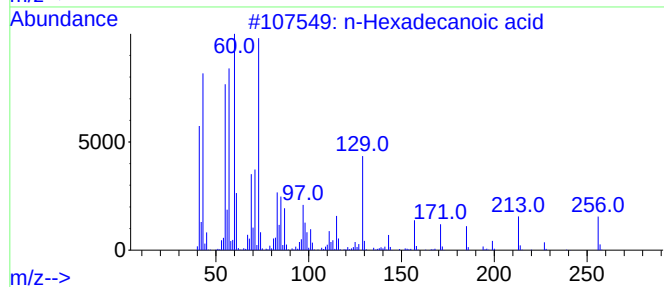
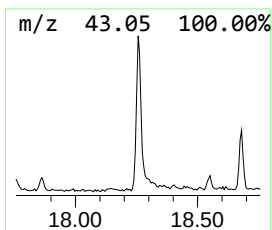
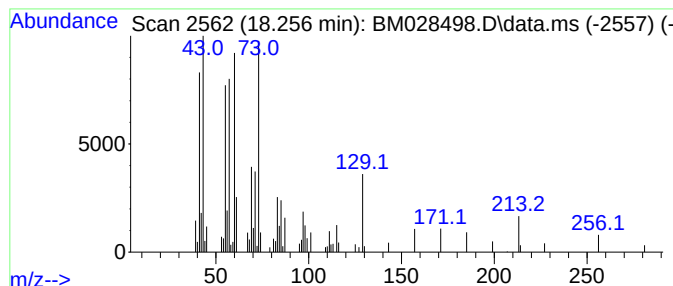
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.256	6.74 ng	106143	Phenanthrene-d10	17.386

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	81
3		Tridecanoic acid	214	C13H26O2	000638-53-9	74
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		n-Decanoic acid	172	C10H20O2	000334-48-5	47



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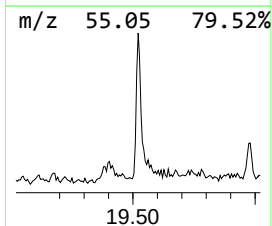
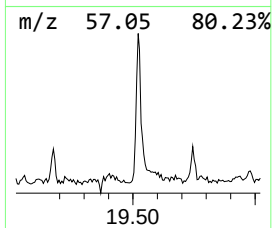
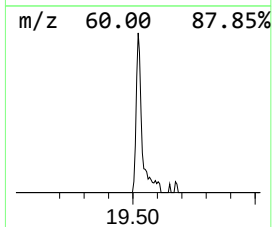
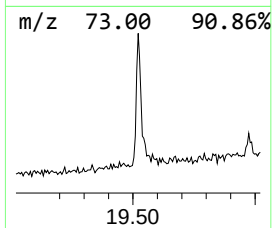
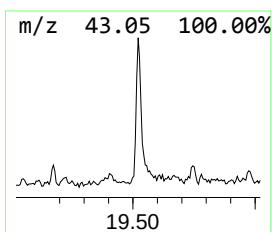
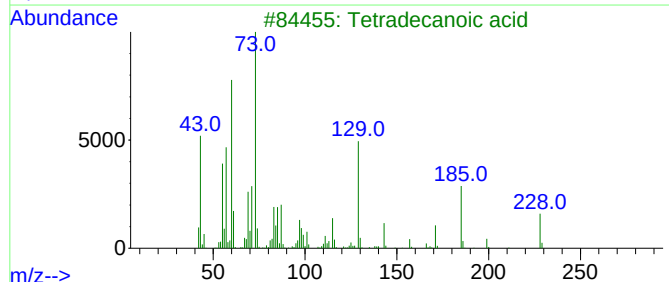
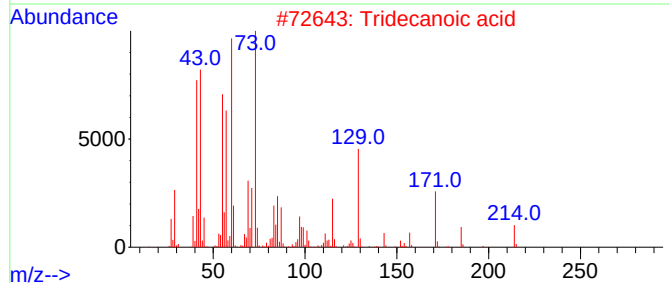
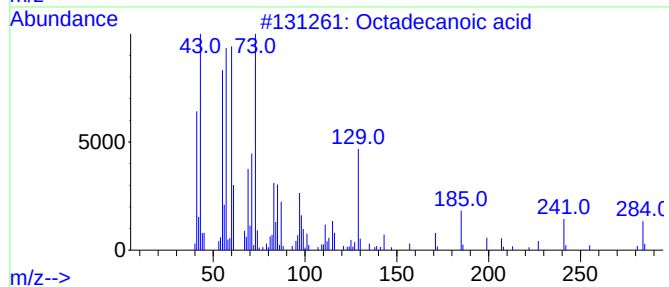
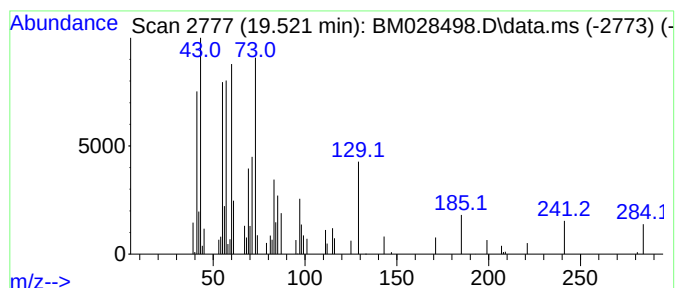
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Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.521	2.79 ng	50829	Chrysene-d12	21.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Tridecanoic acid	214	C13H26O2	000638-53-9	64
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	50



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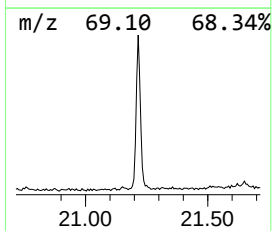
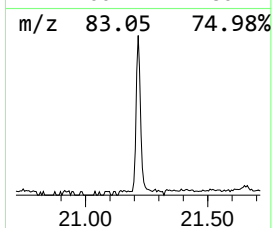
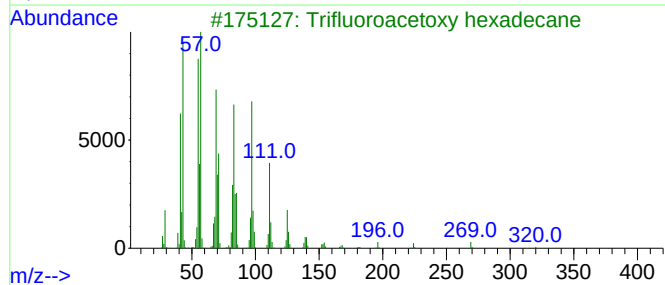
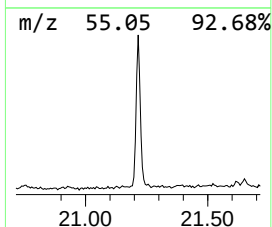
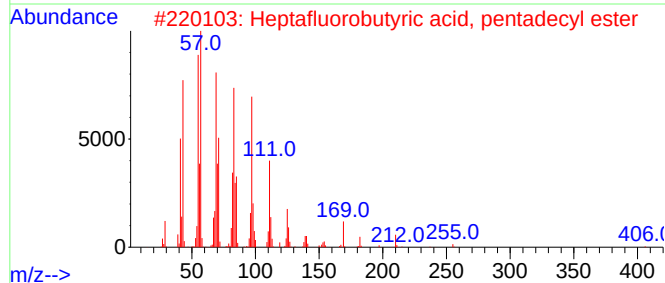
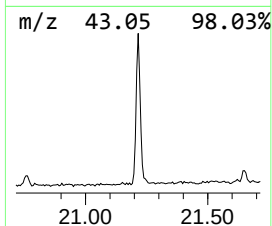
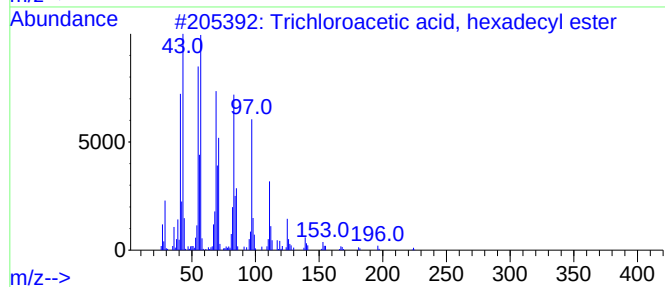
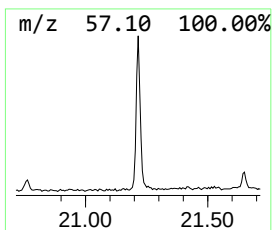
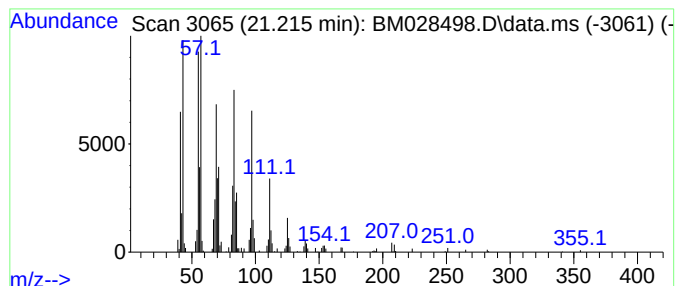
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Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.215	6.95 ng	126660	Chrysene-d12	21.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
3			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
4			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94



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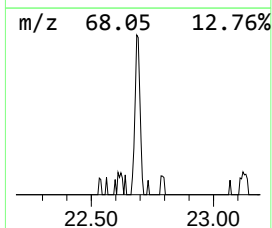
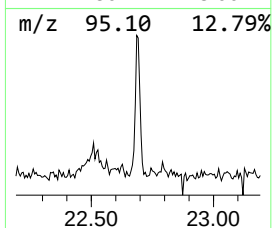
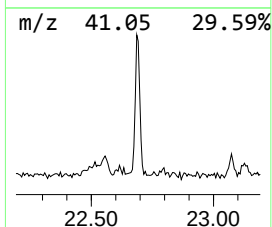
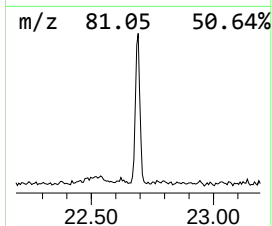
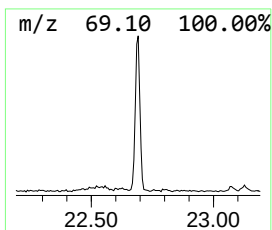
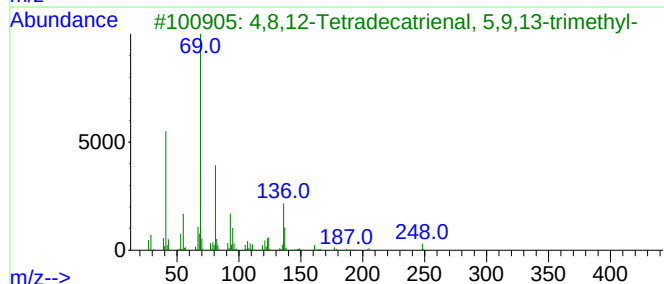
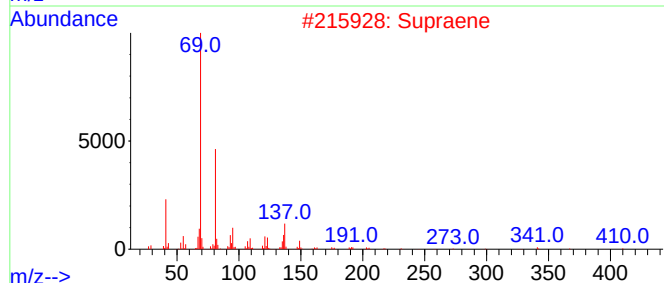
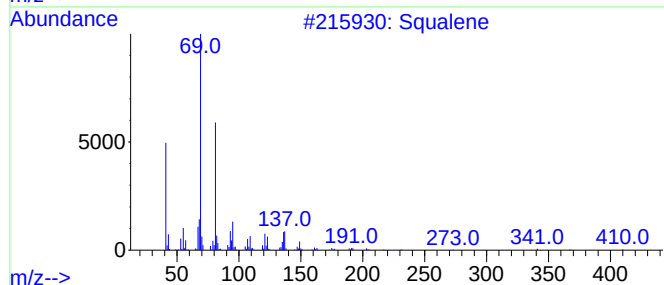
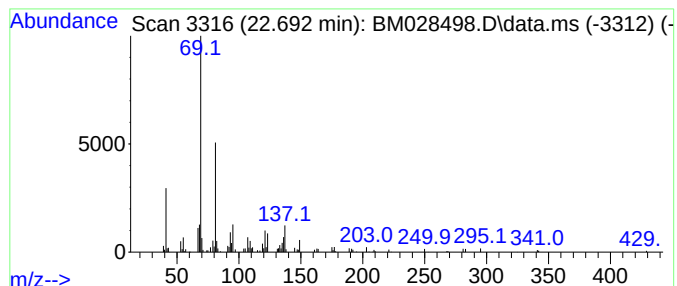
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Peak Number 4 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.692	3.33 ng	61129	Perylene-d12	23.797

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	90
2			Supraene	410	C30H50	007683-64-9	90
3			4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	80
4			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5			1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.256	6.7	ng	106143	4	17.386	314757	20.0
Octadecanoic acid	19.521	2.8	ng	50829	5	21.515	364715	20.0
Trichloroacetic...	21.215	7.0	ng	126660	5	21.515	364715	20.0
Squalene	22.692	3.3	ng	61129	6	23.797	366948	20.0