

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
 Data File : BM029255.D
 Acq On : 29 Mar 2021 21:45
 Operator : CG/JU
 Sample : M1770-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FB-03232021

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-BM032621.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029255.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.940	5	9	17	rVB3	48207	84472	1.14%	0.268%
2	3.010	17	21	37	rVB	1522360	1806224	24.48%	5.730%
3	5.351	412	419	429	rBV	1001183	1436154	19.47%	4.556%
4	6.916	678	685	696	rBV	589840	999172	13.54%	3.170%
5	7.751	818	827	834	rBV	443237	681960	9.24%	2.164%
6	8.904	1015	1023	1031	rBV	1403280	2339140	31.71%	7.421%
7	10.533	1293	1300	1308	rVB	537459	910507	12.34%	2.889%
8	12.998	1712	1719	1731	rBV	3266046	4858060	65.85%	15.412%
9	14.210	1918	1925	1935	rVB2	35754	87534	1.19%	0.278%
10	14.374	1946	1953	1965	rVB	758140	1153462	15.63%	3.659%
11	15.862	2199	2206	2221	rBV	2437873	3597606	48.76%	11.413%
12	17.115	2412	2419	2425	rBV	902596	1301844	17.65%	4.130%
13	18.015	2566	2572	2588	rBV	408372	685241	9.29%	2.174%
14	19.292	2784	2789	2799	rBV	316626	471927	6.40%	1.497%
15	19.739	2858	2865	2871	rBV	6059169	7377573	100.00%	23.405%
16	21.003	3076	3080	3088	rBV	276447	358342	4.86%	1.137%
17	21.280	3122	3127	3132	rBV	1357944	1623945	22.01%	5.152%
18	23.515	3500	3507	3517	rVB2	928640	1747973	23.69%	5.545%

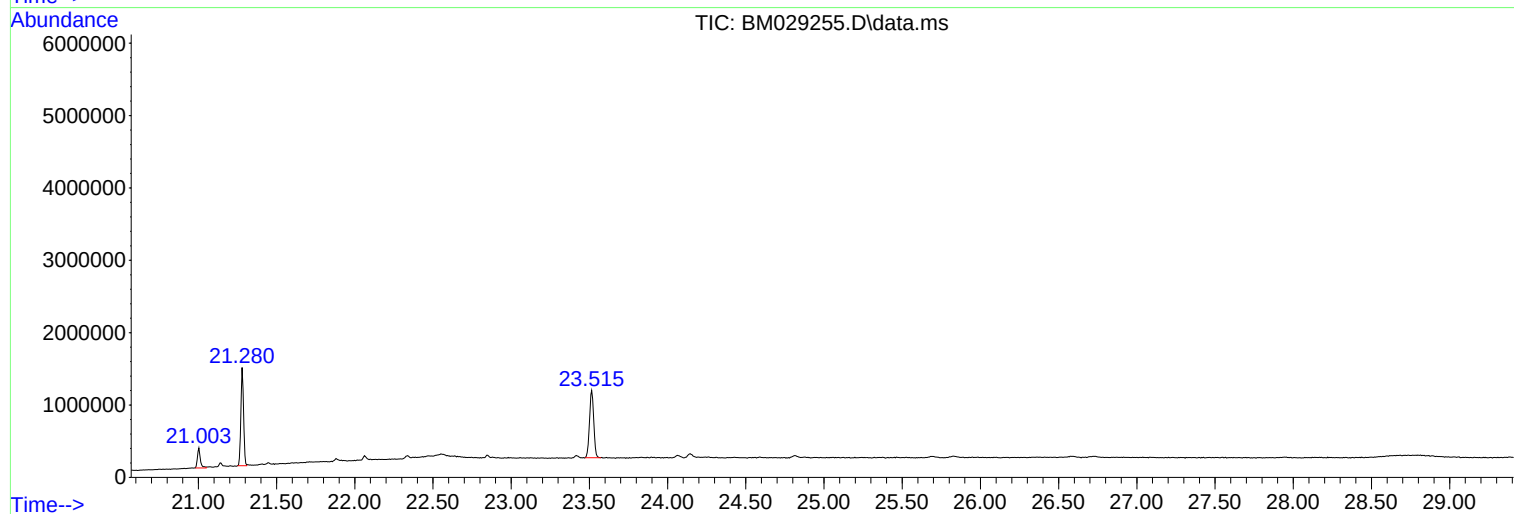
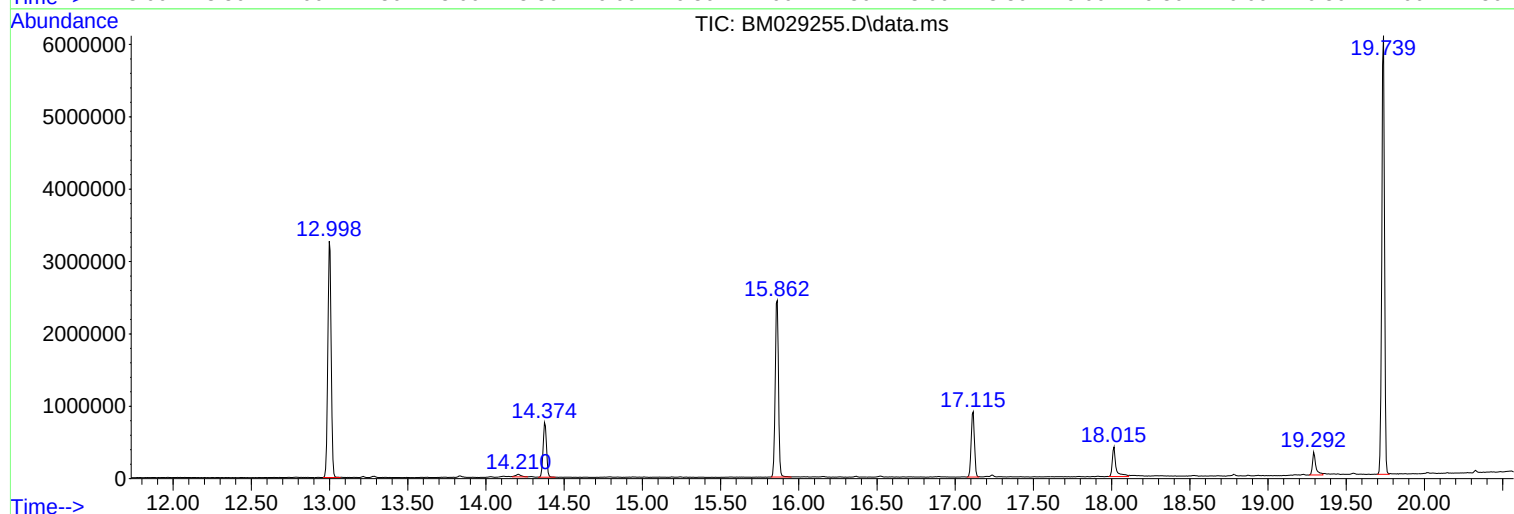
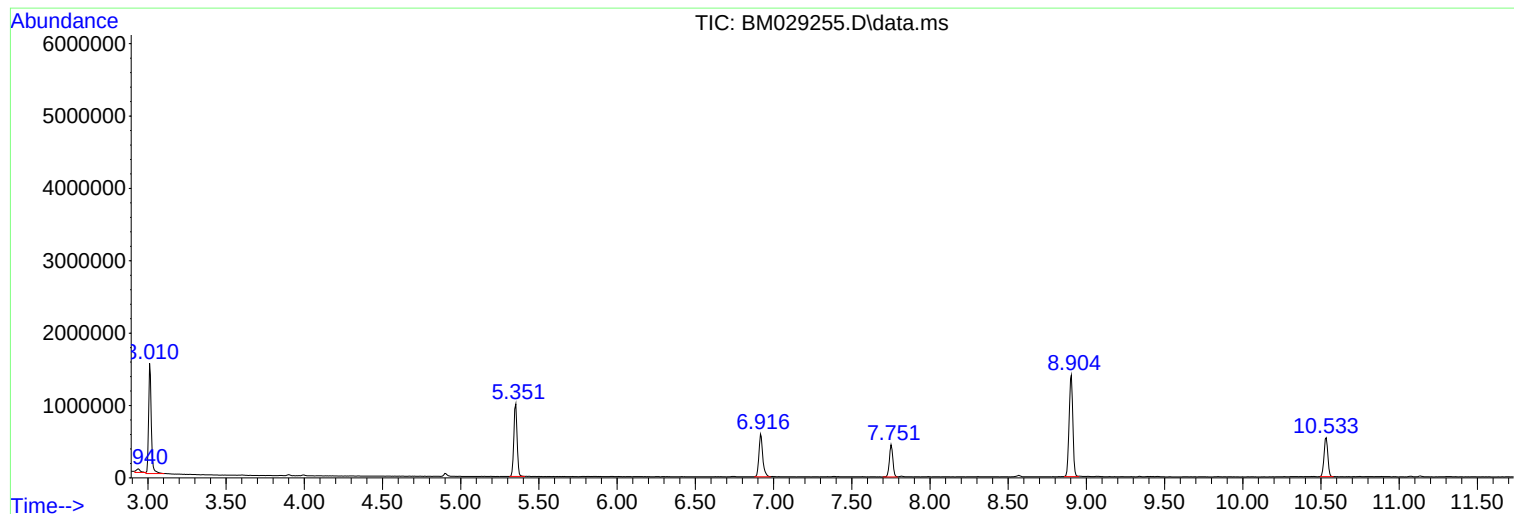
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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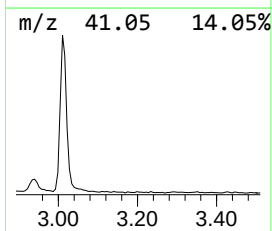
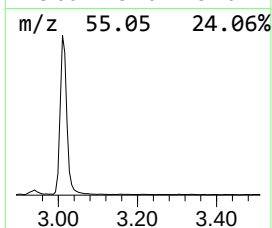
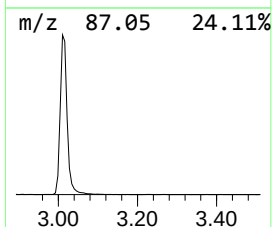
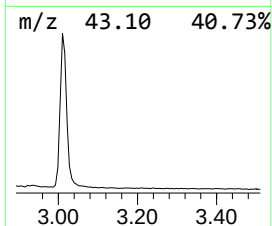
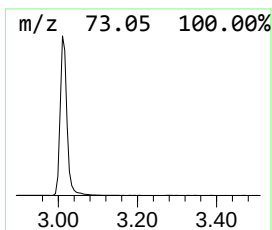
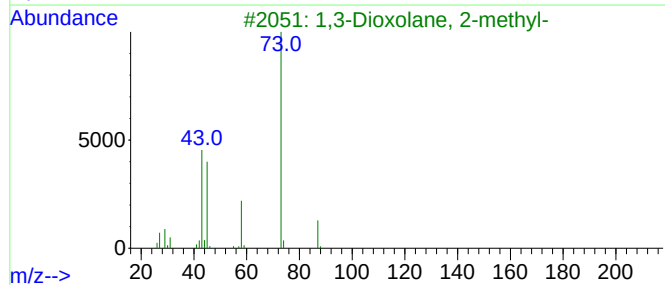
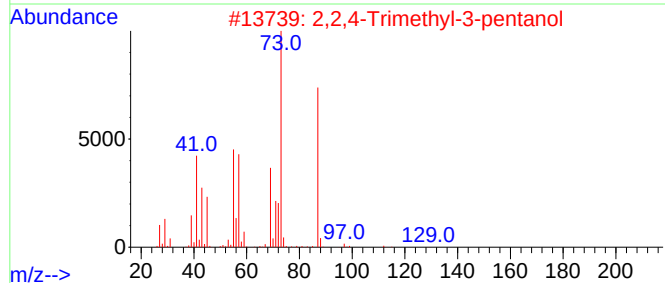
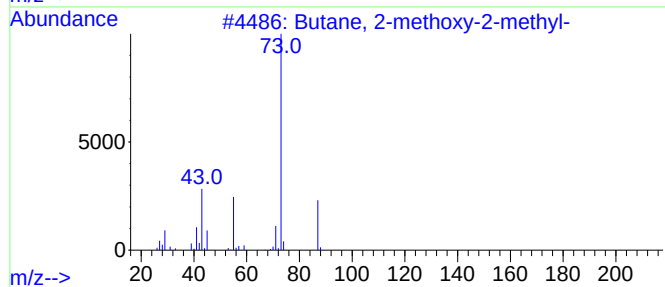
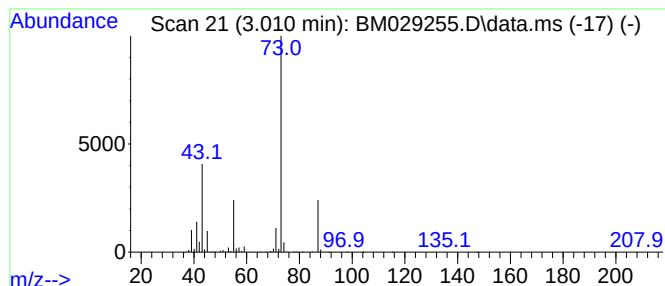
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.010	52.97 ng	1806220	1,4-Dichlorobenzene-d4	7.751

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			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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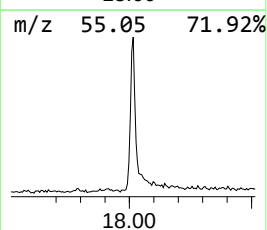
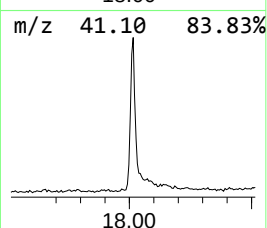
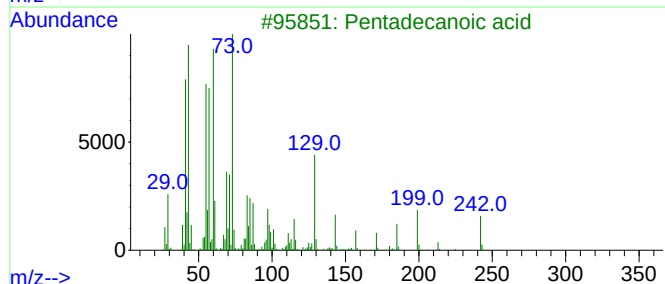
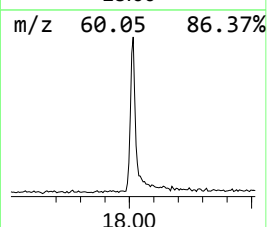
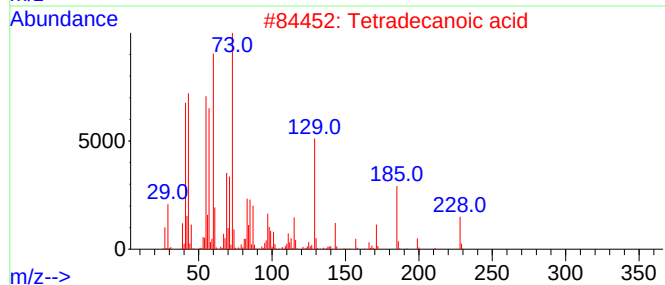
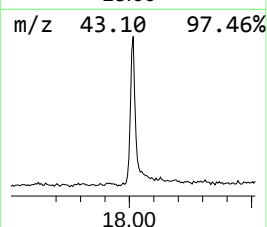
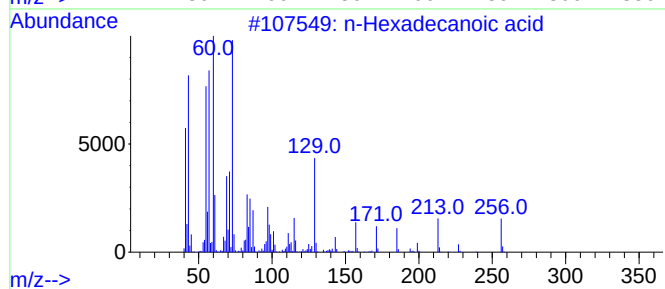
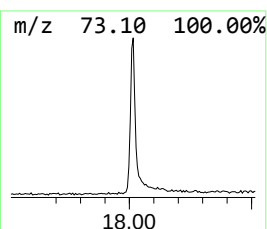
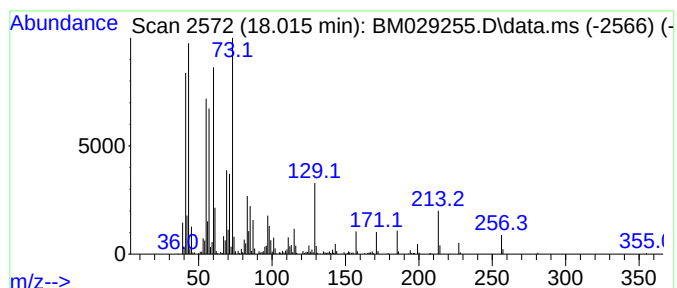
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TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.015	10.53 ng	685241	Phenanthrene-d10		17.115	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid		228	C14H28O2	000544-63-8	89
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	81
4	Tridecanoic acid		214	C13H26O2	000638-53-9	81
5	Dodecanoic acid		200	C12H24O2	000143-07-7	59



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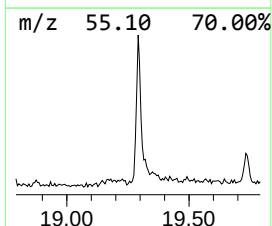
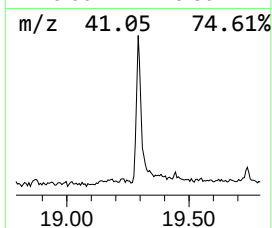
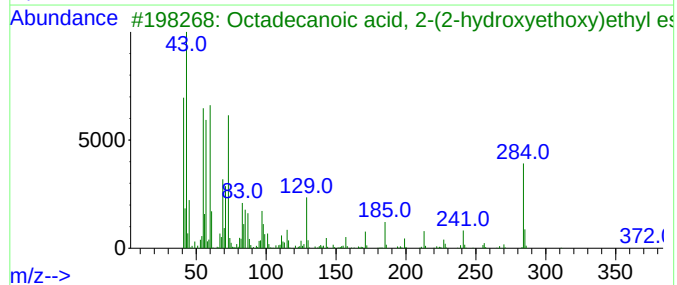
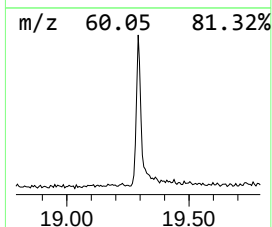
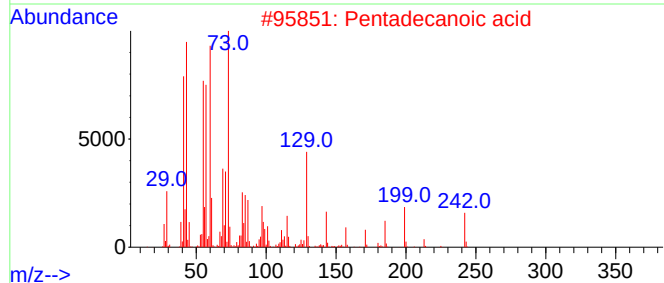
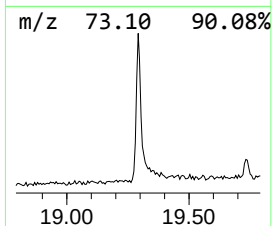
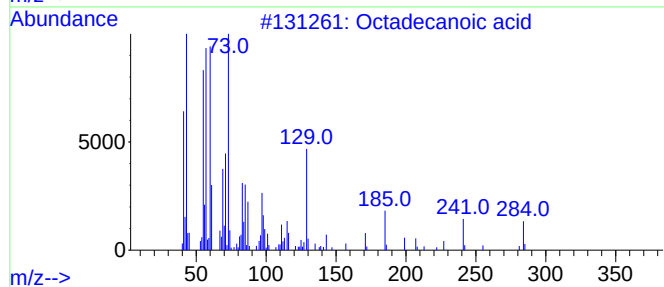
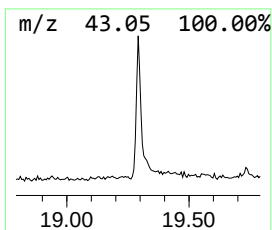
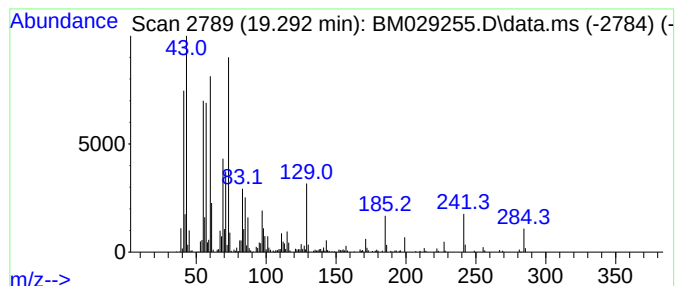
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Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.292	5.81 ng	471927	Chrysene-d12	21.280

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			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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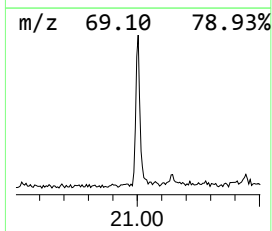
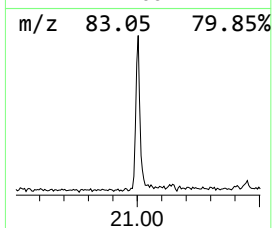
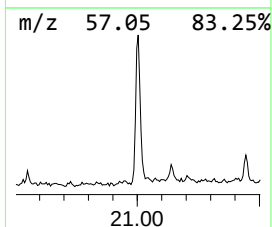
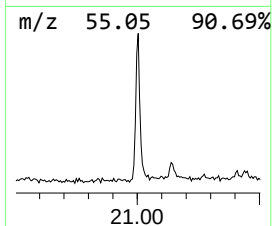
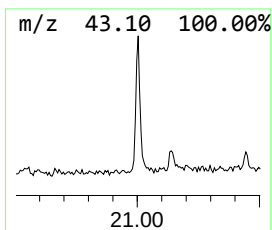
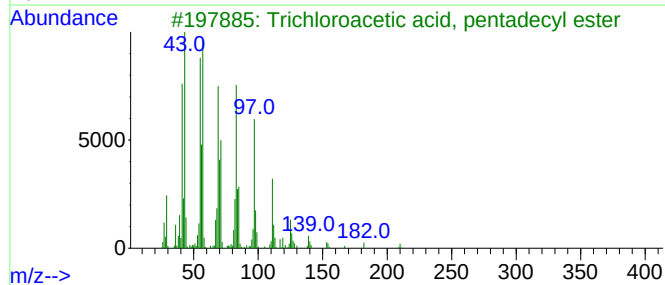
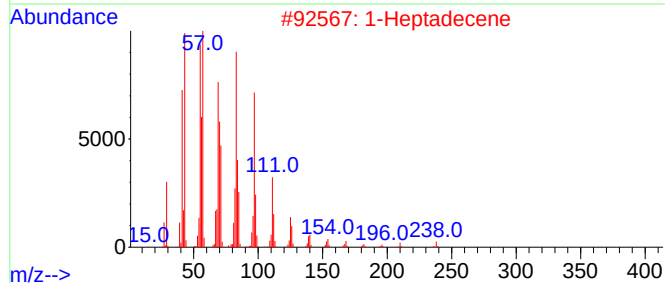
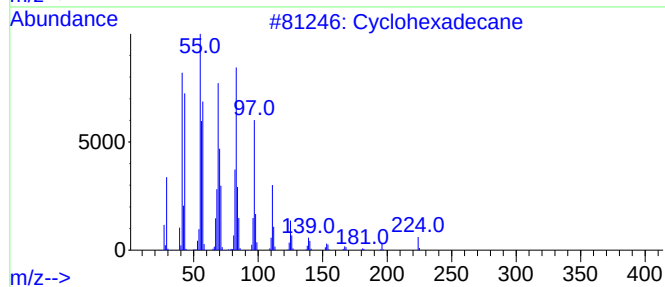
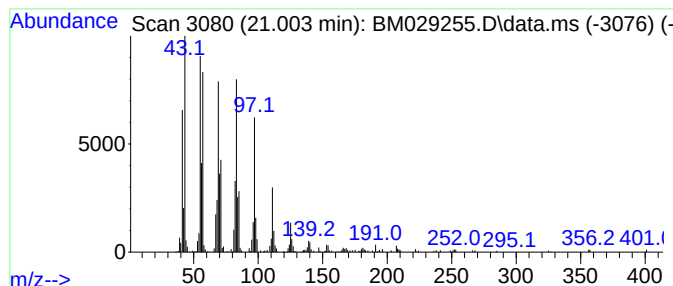
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Peak Number 5 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.003	4.41 ng	358342	Chrysene-d12	21.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	97
2			1-Heptadecene	238	C17H34	006765-39-5	95
3			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.010	53.0	ng	1806220	1	7.751	681960	20.0
n-Hexadecanoic ...	18.015	10.5	ng	685241	4	17.115	1301840	20.0
Octadecanoic acid	19.292	5.8	ng	471927	5	21.280	1623950	20.0
Cyclohexadecane	21.003	4.4	ng	358342	5	21.280	1623950	20.0