

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
 Data File : BP007211.D
 Acq On : 27 Sep 2021 18:24
 Operator : CG/JU
 Sample : M3956-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LITTLE-FALLS-TROPHY-SINK-HOL

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_P\Methods\8270E-BP092121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007211.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.458	397	403	419	rBV	3139157	4794893	50.29%	8.830%
2	7.063	665	676	690	rBV	2976205	4983075	52.26%	9.176%
3	7.881	807	815	822	rBV	887593	1389417	14.57%	2.559%
4	9.046	1004	1013	1029	rBV	1899459	3167706	33.22%	5.833%
5	10.475	1247	1256	1272	rBV	96202	225683	2.37%	0.416%
6	10.681	1283	1291	1302	rBV	1193777	2053133	21.53%	3.781%
7	13.140	1701	1709	1723	rBV	5437786	8171951	85.71%	15.049%
8	14.516	1936	1943	1955	rBV	1991954	2944195	30.88%	5.422%
9	16.010	2190	2197	2213	rBV	4494662	6447188	67.62%	11.873%
10	17.269	2405	2411	2417	rBV	2379999	3358200	35.22%	6.184%
11	18.157	2558	2562	2571	rBV2	236009	346074	3.63%	0.637%
12	19.051	2711	2714	2722	rVB2	94301	148271	1.56%	0.273%
13	19.610	2806	2809	2811	rBV	156896	180753	1.90%	0.333%
14	19.827	2841	2846	2851	rVB	7987848	9534892	100.00%	17.559%
15	20.610	2976	2979	2982	rBV	253578	262994	2.76%	0.484%
16	21.063	3053	3056	3065	rVB	606700	679151	7.12%	1.251%
17	21.357	3101	3106	3111	rVB	2002421	2625649	27.54%	4.835%
18	23.768	3511	3516	3525	rVB2	1410690	2990289	31.36%	5.507%

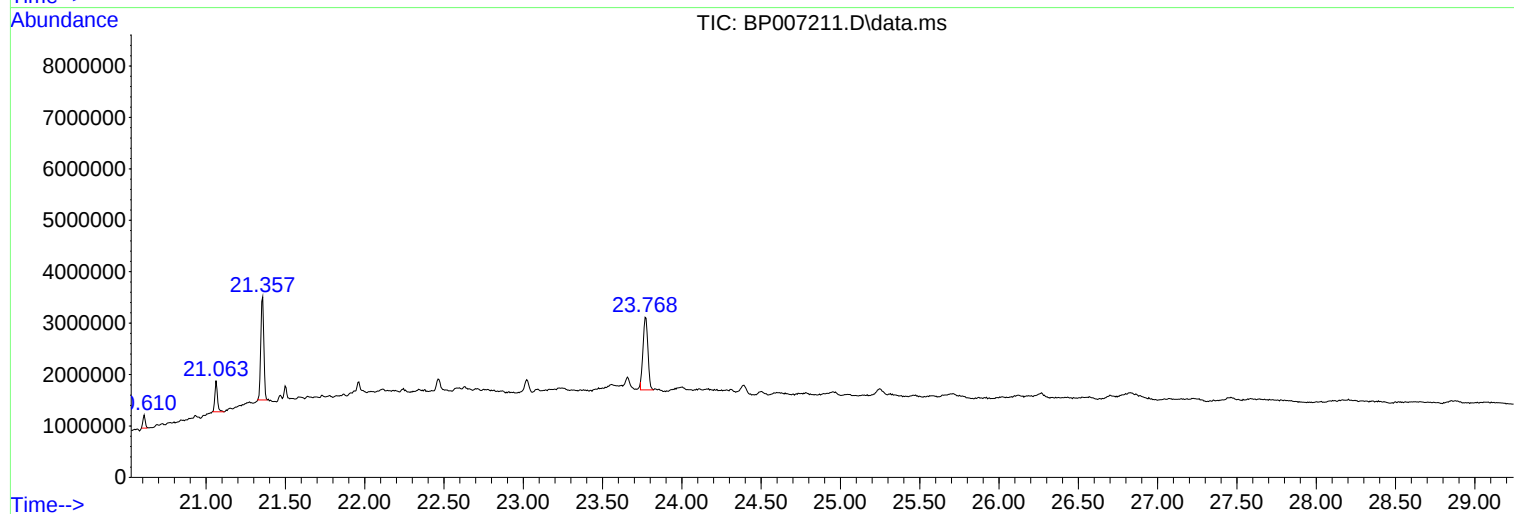
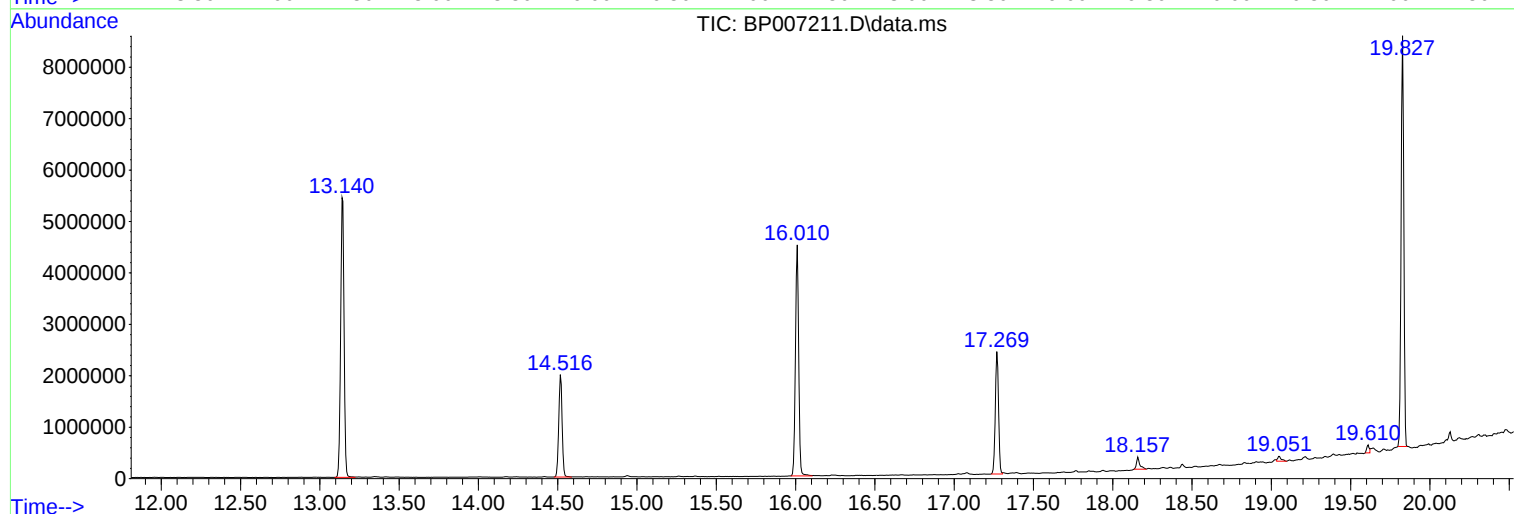
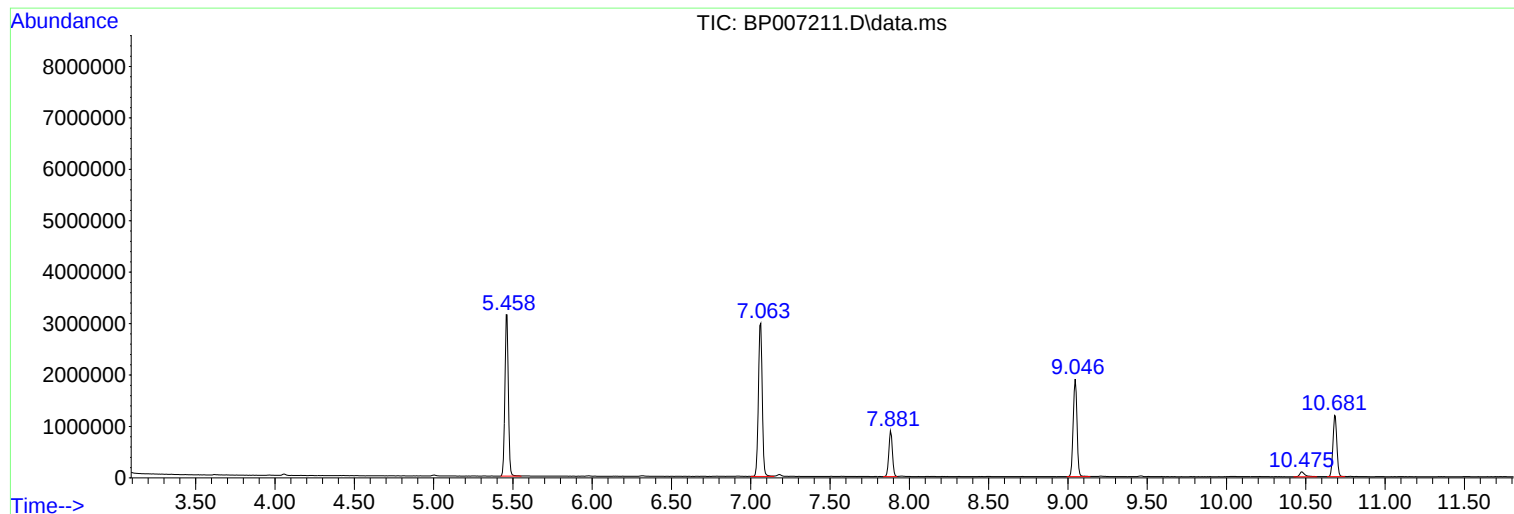
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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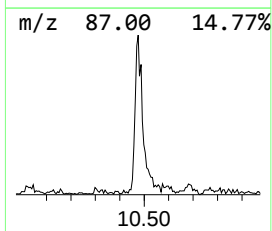
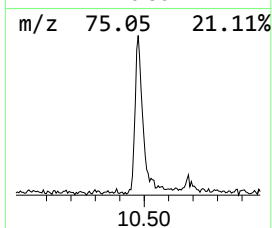
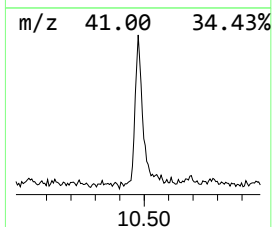
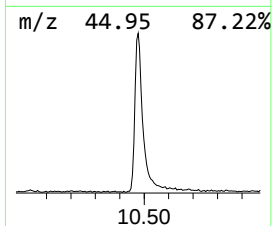
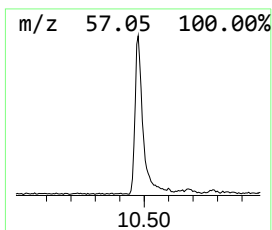
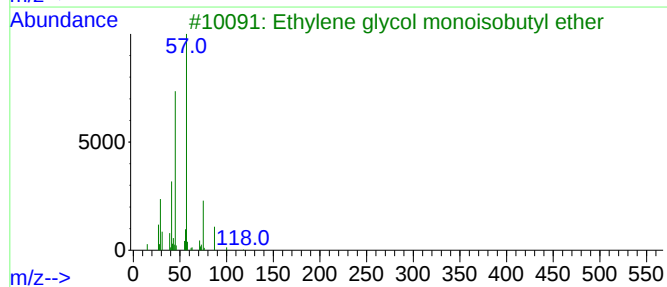
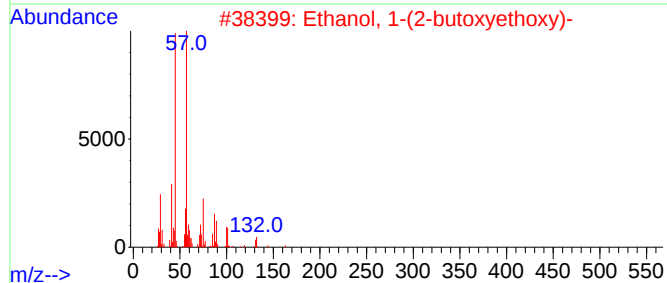
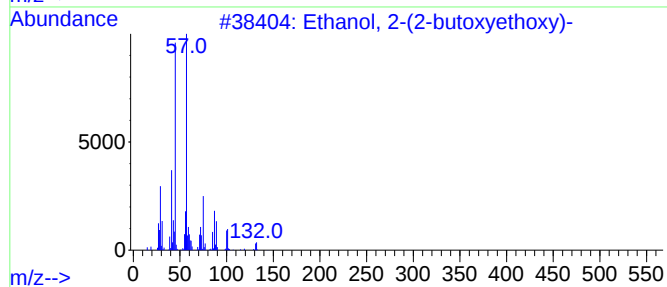
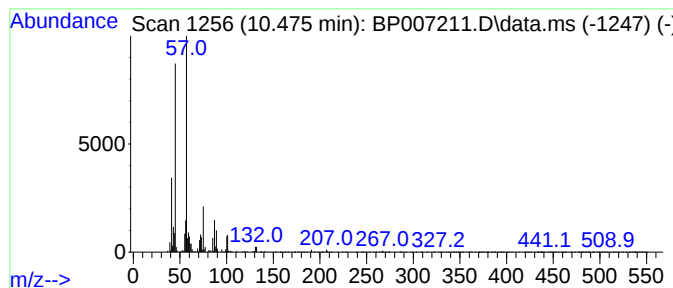
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	2.20 ng	225683	Naphthalene-d8	10.681

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4			Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	50
5			Propanoic acid, 2-(methoxymethoxy)-	134	C5H10O4	081327-29-9	50



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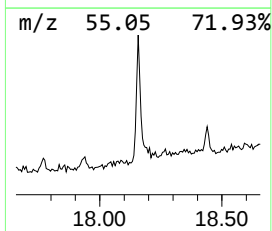
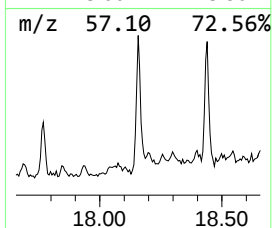
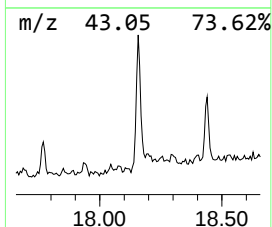
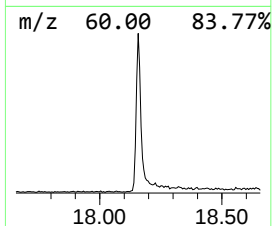
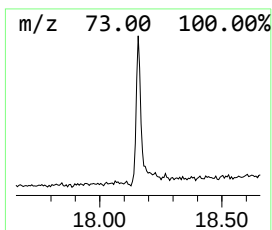
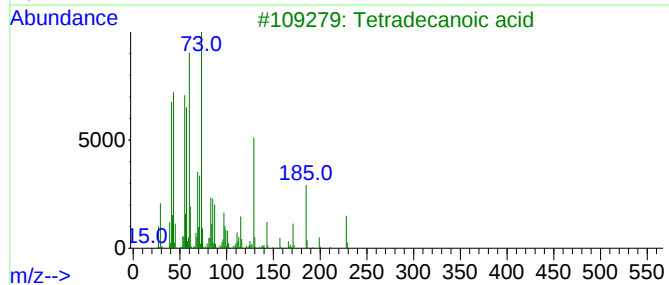
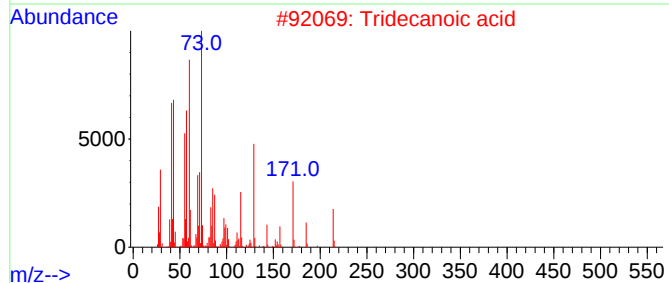
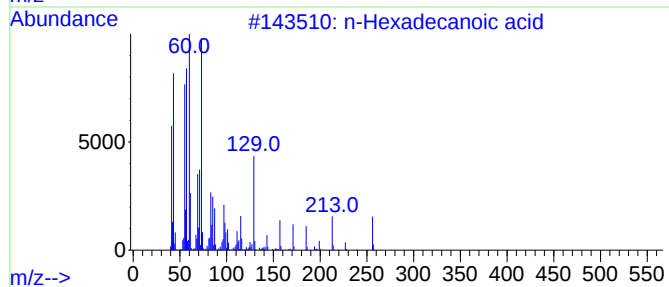
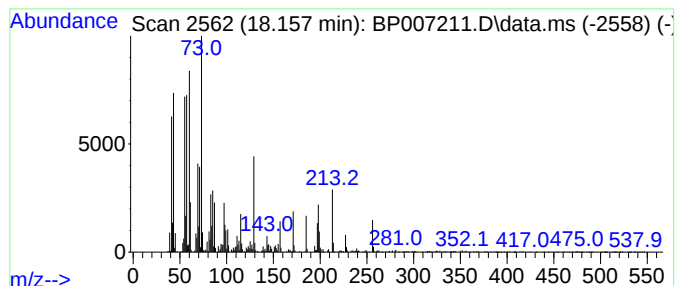
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	2.06 ng	346074	Phenanthrene-d10	17.269

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	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Octadecanoic acid	284	C18H36O2	000057-11-4	83



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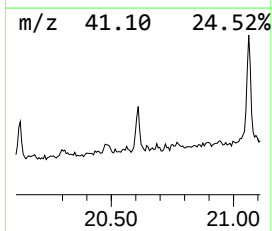
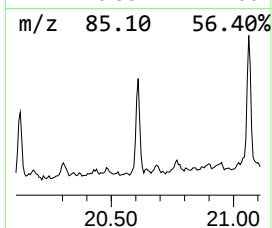
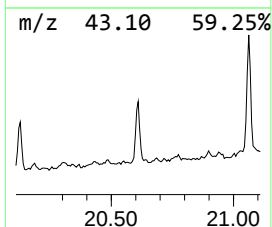
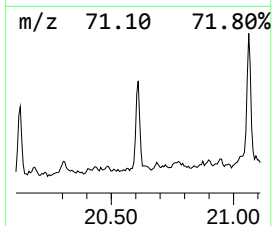
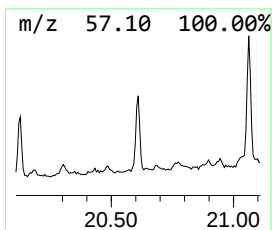
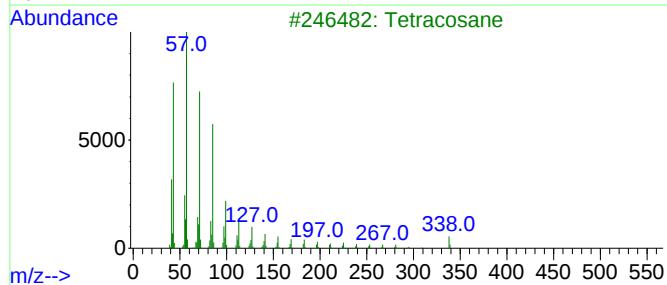
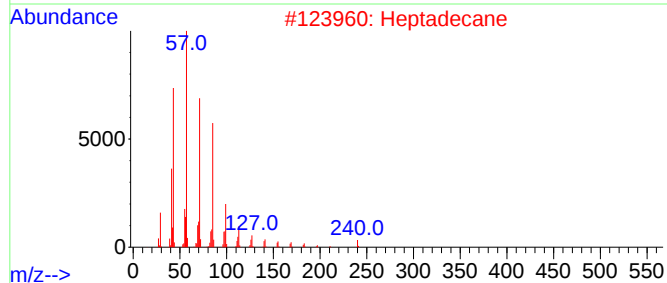
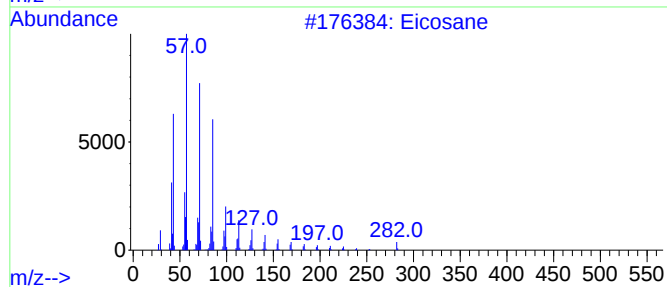
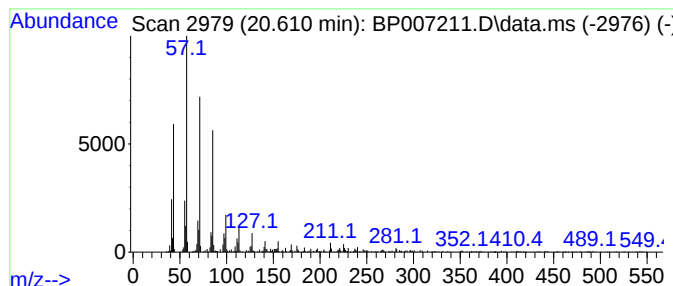
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Peak Number 3 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.610	2.00 ng	262994	Chrysene-d12	21.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	98
2	Heptadecane			240	C17H36	000629-78-7	98
3	Tetracosane			338	C24H50	000646-31-1	97
4	Nonadecane			268	C19H40	000629-92-5	95
5	Octacosane			394	C28H58	000630-02-4	95



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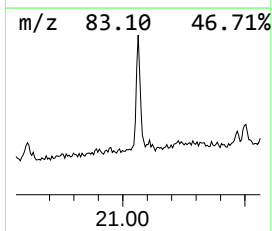
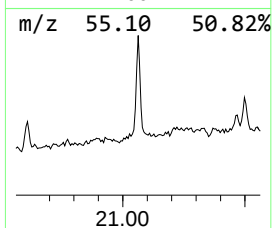
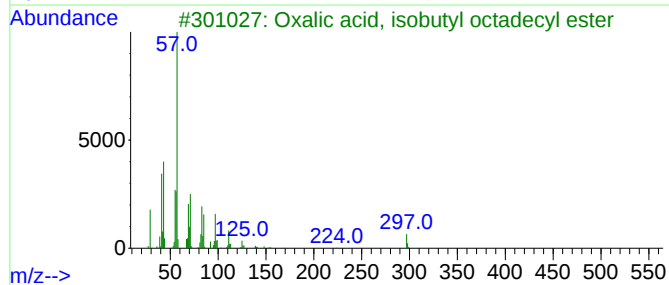
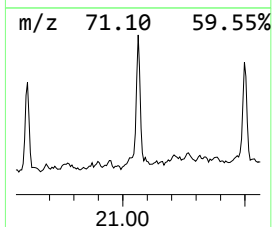
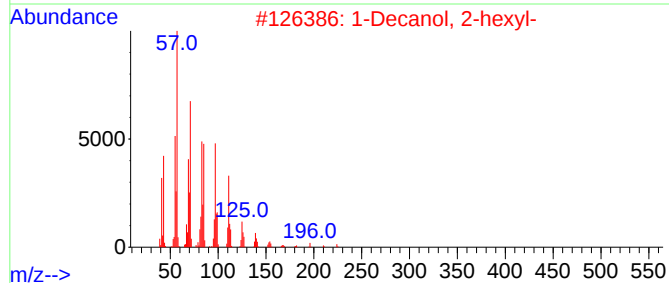
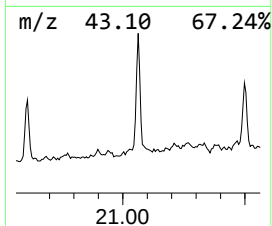
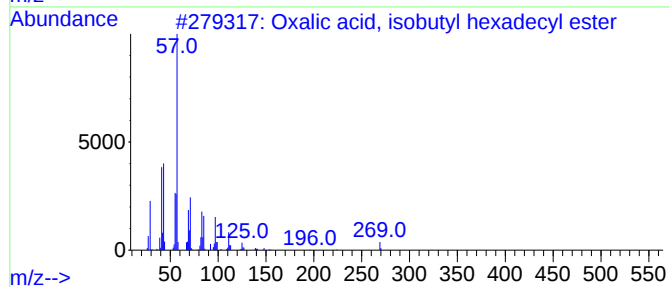
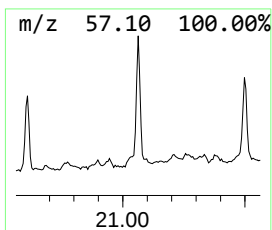
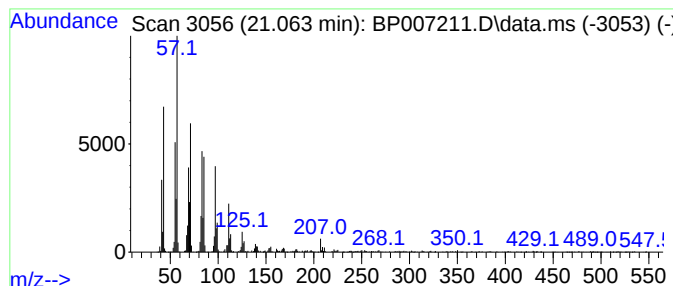
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Peak Number 4 Oxalic acid, isobutyl hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.063	5.17 ng	679151	Chrysene-d12	21.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3			Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
4			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
5			9-Tricosene, (Z)-	322	C23H46	027519-02-4	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.475	2.2	ng	225683	2	10.681	2053130	20.0
n-Hexadecanoic ...	18.157	2.1	ng	346074	4	17.269	3358200	20.0
Eicosane	20.610	2.0	ng	262994	5	21.357	2625650	20.0
Oxalic acid, is...	21.063	5.2	ng	679151	5	21.357	2625650	20.0