

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032421\
 Data File : BG048489.D
 Acq On : 24 Mar 2021 14:56
 Operator : CG/JU
 Sample : M1770-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-106S

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_G\METHODS\8270-BG031821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048489.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.652	385	394	403	rBV	568567	888043	20.93%	5.097%
2	7.256	659	667	679	rBV	331559	601469	14.17%	3.452%
3	8.102	802	811	817	rBV	196333	324180	7.64%	1.861%
4	9.271	1002	1010	1018	rVB	730901	1297111	30.57%	7.444%
5	10.922	1282	1291	1299	rBV	253625	443194	10.44%	2.544%
6	13.366	1699	1707	1714	rBV	1955444	2888701	68.07%	16.579%
7	14.741	1935	1941	1948	rVB	427077	638263	15.04%	3.663%
8	16.234	2185	2195	2202	rBV	1728749	2662407	62.74%	15.280%
9	17.491	2403	2409	2416	rBV	504691	776137	18.29%	4.454%
10	18.372	2554	2559	2569	rBV	233424	317998	7.49%	1.825%
11	19.635	2771	2774	2781	rBV4	52516	82622	1.95%	0.474%
12	20.105	2847	2854	2859	rVB	3145362	4243536	100.00%	24.354%
13	21.427	3074	3079	3086	rBV2	172497	377566	8.90%	2.167%
14	21.492	3087	3090	3101	rVB	122535	204844	4.83%	1.176%
15	21.780	3133	3139	3152	rVB2	457063	802875	18.92%	4.608%
16	25.123	3696	3708	3719	rBV3	264777	875293	20.63%	5.023%

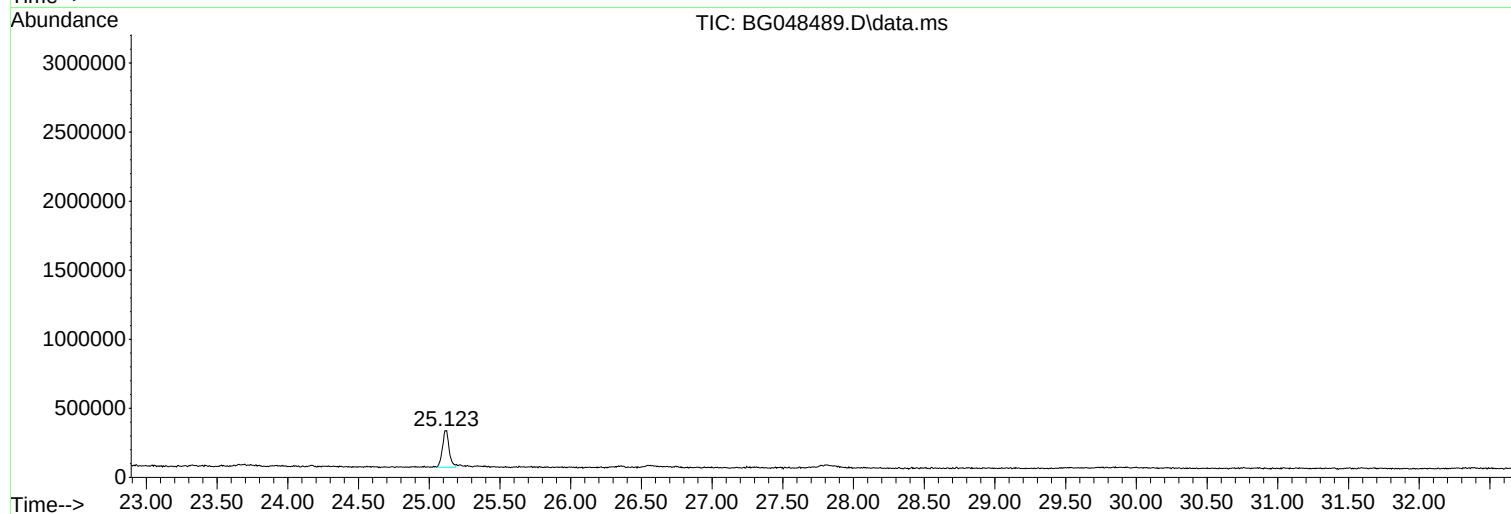
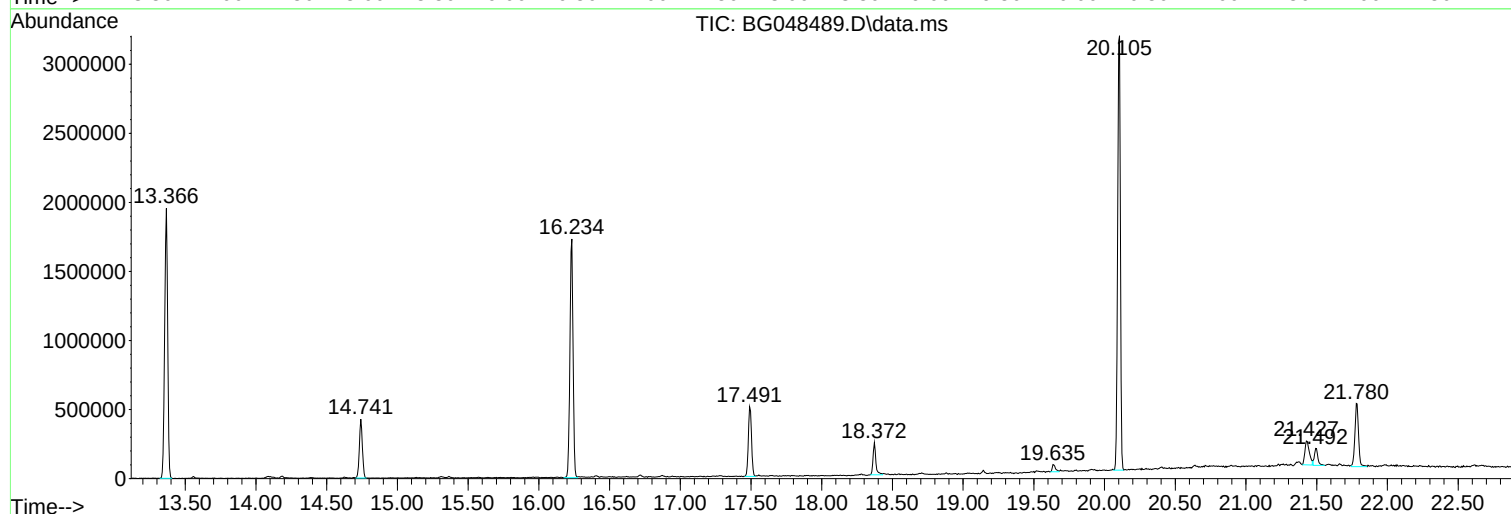
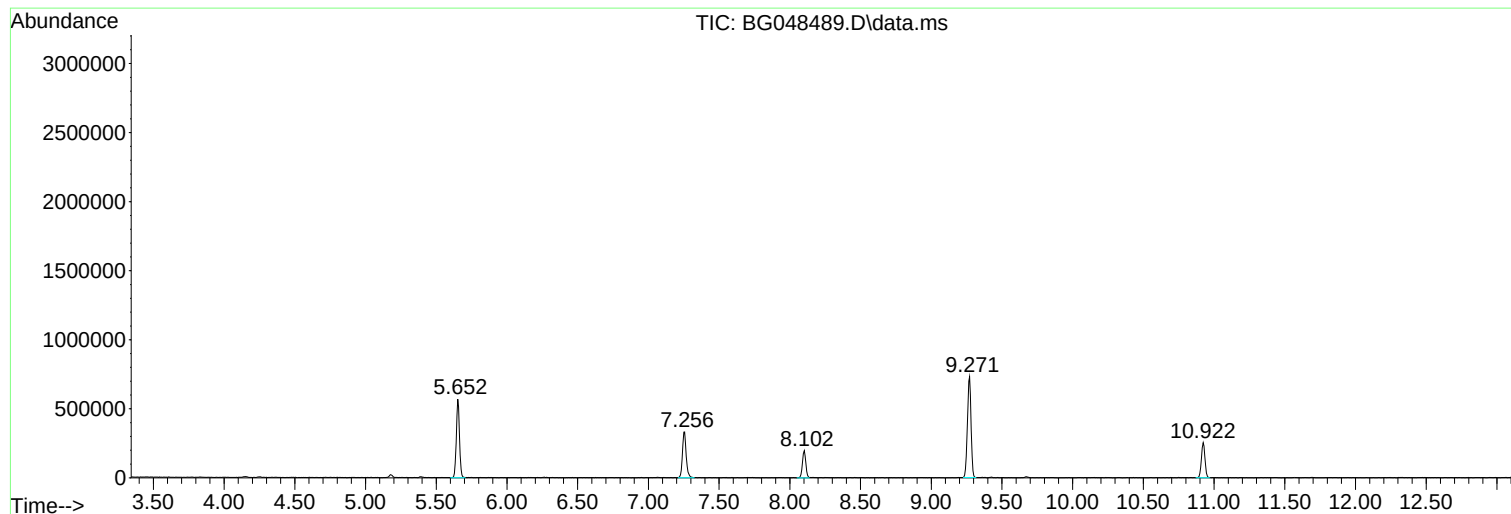
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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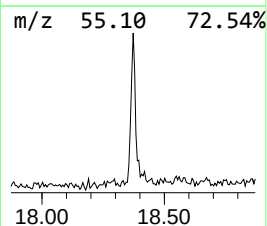
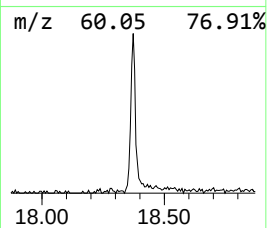
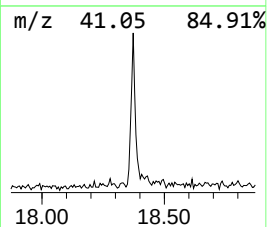
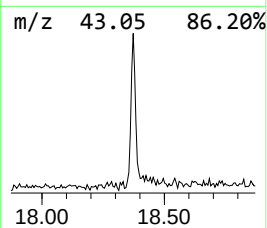
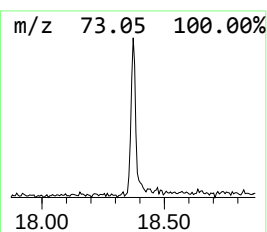
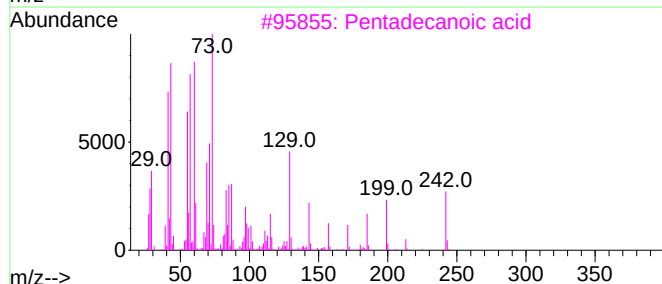
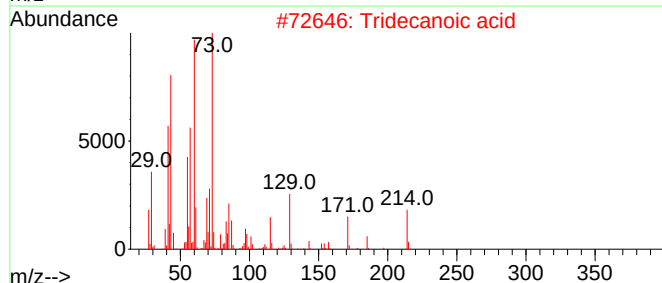
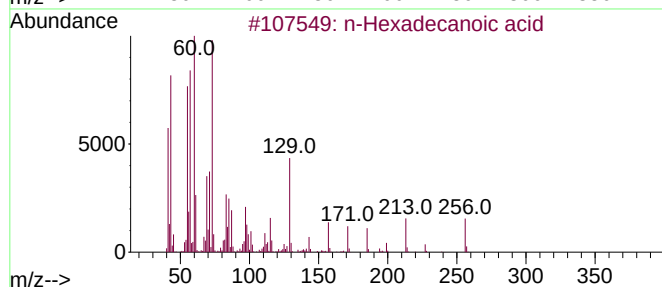
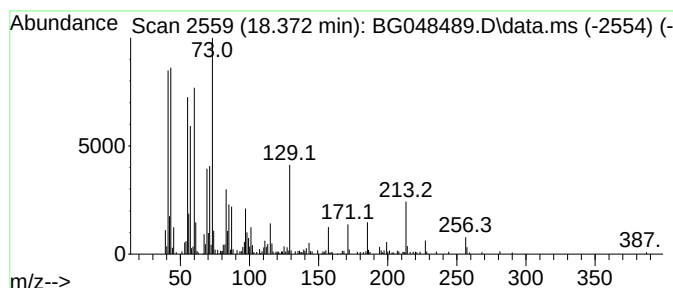
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.372	8.19 ng	317998	Phenanthrene-d10	17.491

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Tridecanoic acid	214	C13H26O2	000638-53-9	89
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5			n-Decanoic acid	172	C10H20O2	000334-48-5	76



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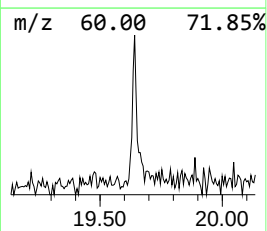
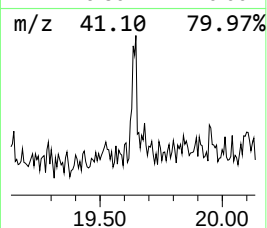
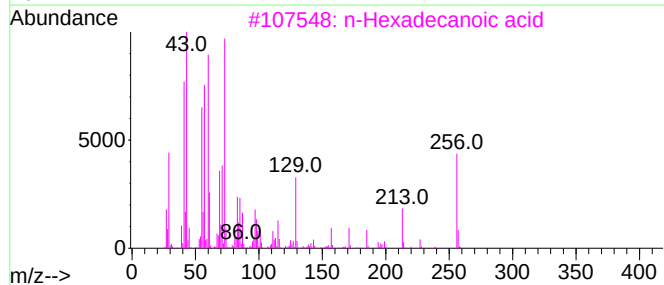
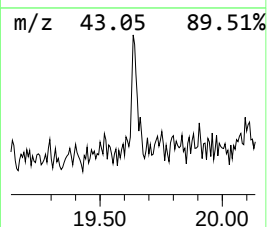
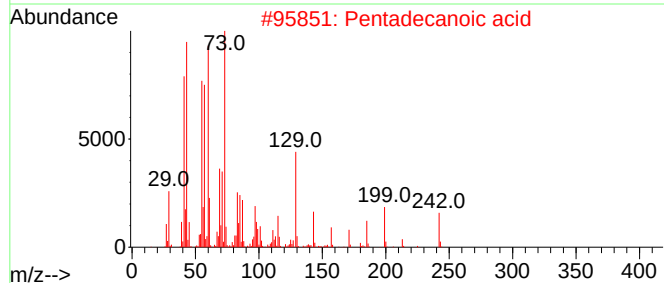
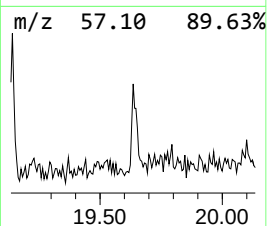
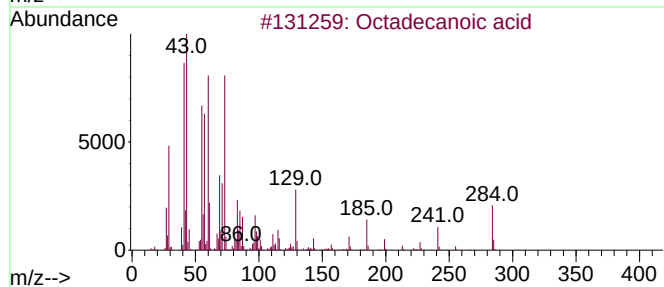
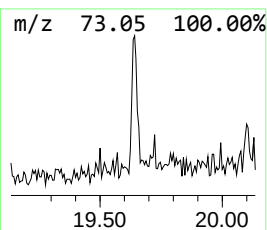
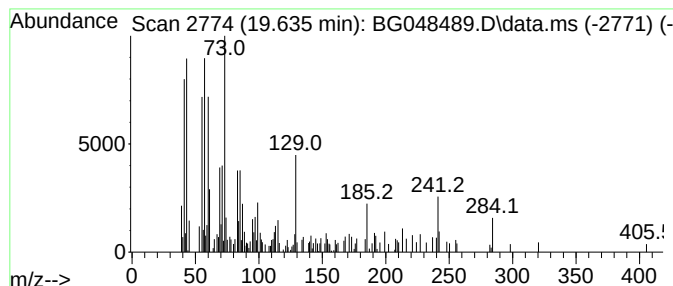
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Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.635	2.13 ng	82622	Phenanthrene-d10	17.491

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	90
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	60
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
4			Nonadecanoic acid	298	C19H38O2	000646-30-0	52
5			n-Decanoic acid	172	C10H20O2	000334-48-5	46



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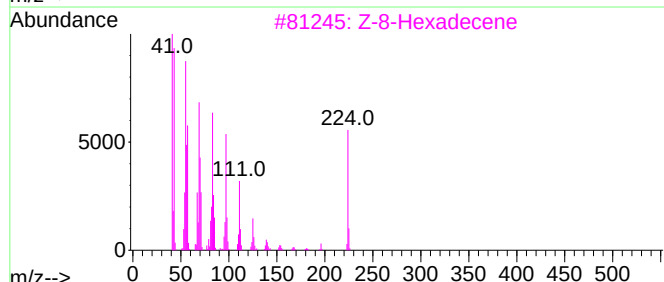
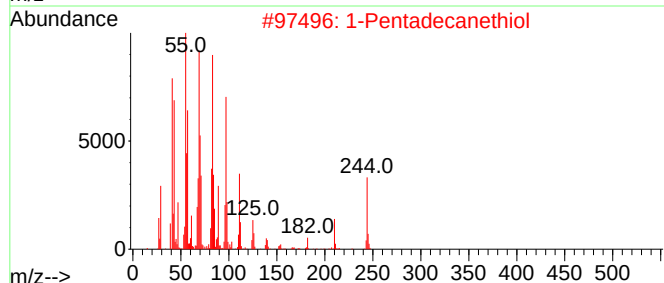
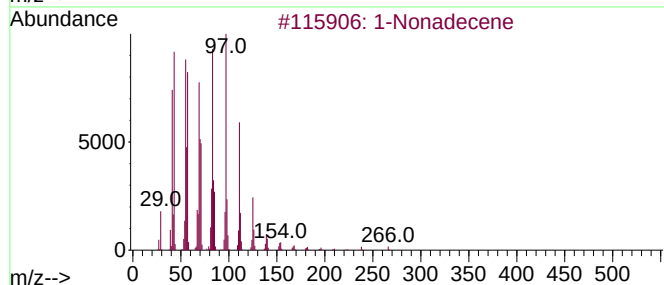
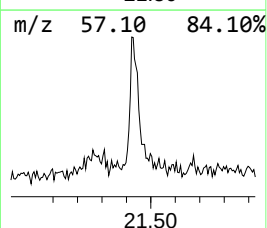
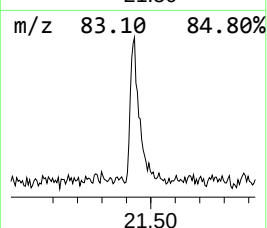
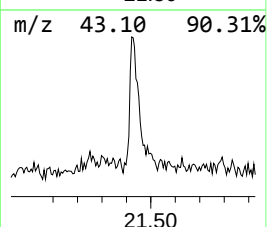
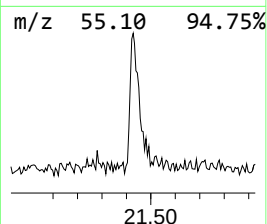
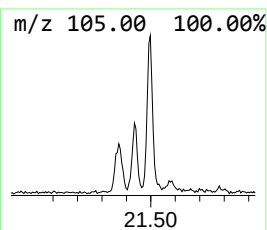
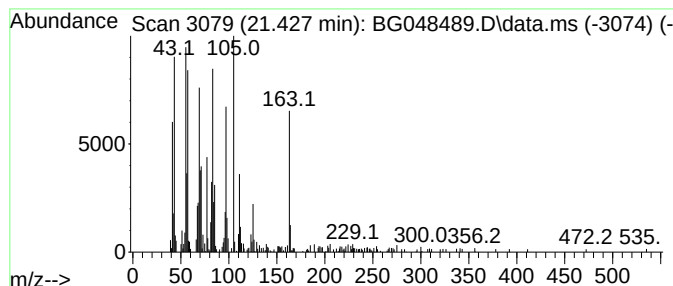
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Peak Number 3 1-Nonadecene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.427	9.41 ng	377566	Chrysene-d12	21.780

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene			266	C19H38	018435-45-5	97
2	1-Pentadecanethiol			244	C15H32S	025276-70-4	93
3	Z-8-Hexadecene			224	C16H32	1000130-87-5	89
4	1-Heneicosanol			312	C21H44O	015594-90-8	89
5	Behenic alcohol			326	C22H46O	000661-19-8	89



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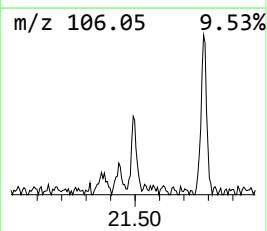
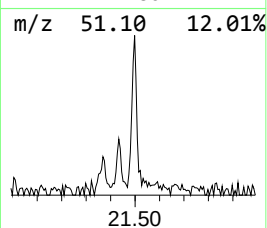
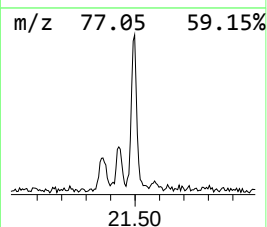
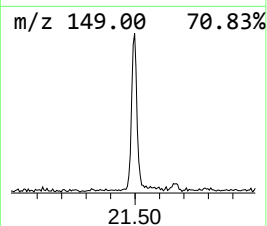
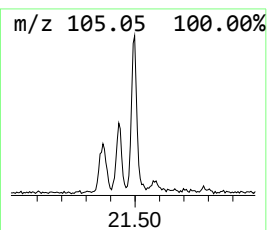
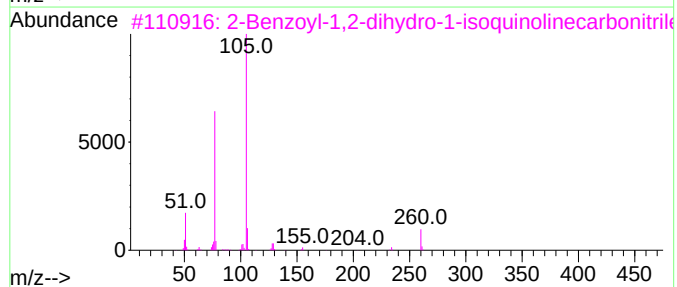
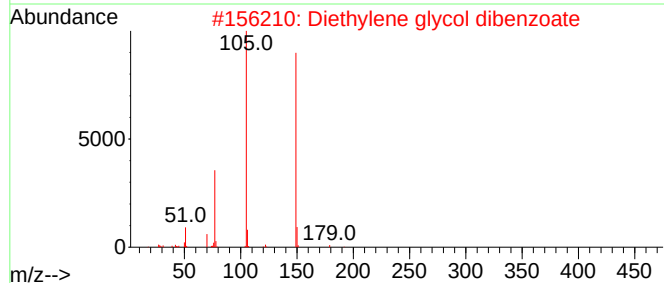
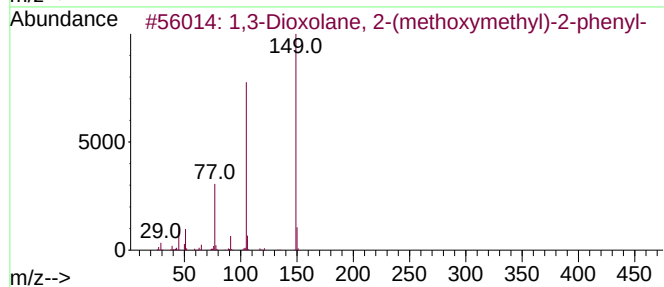
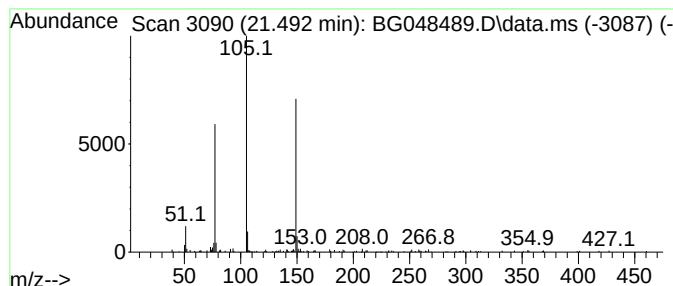
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Peak Number 4 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.492	5.10 ng	204844	Chrysene-d12	21.780

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	72
2			Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	53
3			2-Benzoyl-1,2-dihydro-1-isoquino...	260	C17H12N2O	000844-25-7	46
4			Ethanone, 2-bromo-1-phenyl-	198	C8H7BrO	000070-11-1	43
5			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.372	8.2	ng	317998	4	17.491	776137	20.0
Octadecanoic acid	19.635	2.1	ng	82622	4	17.491	776137	20.0
1-Nonadecene	21.427	9.4	ng	377566	5	21.780	802875	20.0
1,3-Dioxolane, ...	21.492	5.1	ng	204844	5	21.780	802875	20.0