

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050490.D
 Acq On : 7 Oct 2021 19:45
 Operator : CG/JU
 Sample : M4113-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-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_G\Methods\8270-BG100621.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG050490.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.792	383	392	402	rBV	625931	1015839	42.88%	8.651%
2	7.390	656	664	673	rBV	623290	1108308	46.78%	9.439%
3	8.259	805	812	819	rBV	156107	271001	11.44%	2.308%
4	9.429	1002	1011	1020	rBV	381944	694865	29.33%	5.918%
5	10.827	1243	1249	1258	rBV2	39579	69820	2.95%	0.595%
6	11.086	1285	1293	1299	rBV	198893	377034	15.91%	3.211%
7	13.500	1697	1704	1714	rVB	900337	1404626	59.29%	11.963%
8	14.875	1931	1938	1946	rVB	345225	531454	22.43%	4.526%
9	16.356	2184	2190	2204	rVB	772605	1184916	50.01%	10.091%
10	17.619	2398	2405	2411	rBV	458358	713546	30.12%	6.077%
11	18.477	2546	2551	2561	rBV2	48094	82237	3.47%	0.700%
12	19.740	2761	2766	2774	rBV9	14734	30779	1.30%	0.262%
13	20.204	2839	2845	2853	rVB	1759567	2369211	100.00%	20.177%
14	21.520	3064	3069	3080	rVV	138674	243190	10.26%	2.071%
15	21.614	3083	3085	3093	rVB	20214	23842	1.01%	0.203%
16	21.914	3130	3136	3145	rVB	433373	768914	32.45%	6.548%
17	23.677	3431	3436	3445	rVB	42299	85099	3.59%	0.725%
18	25.328	3707	3717	3729	rVB2	254849	767213	32.38%	6.534%

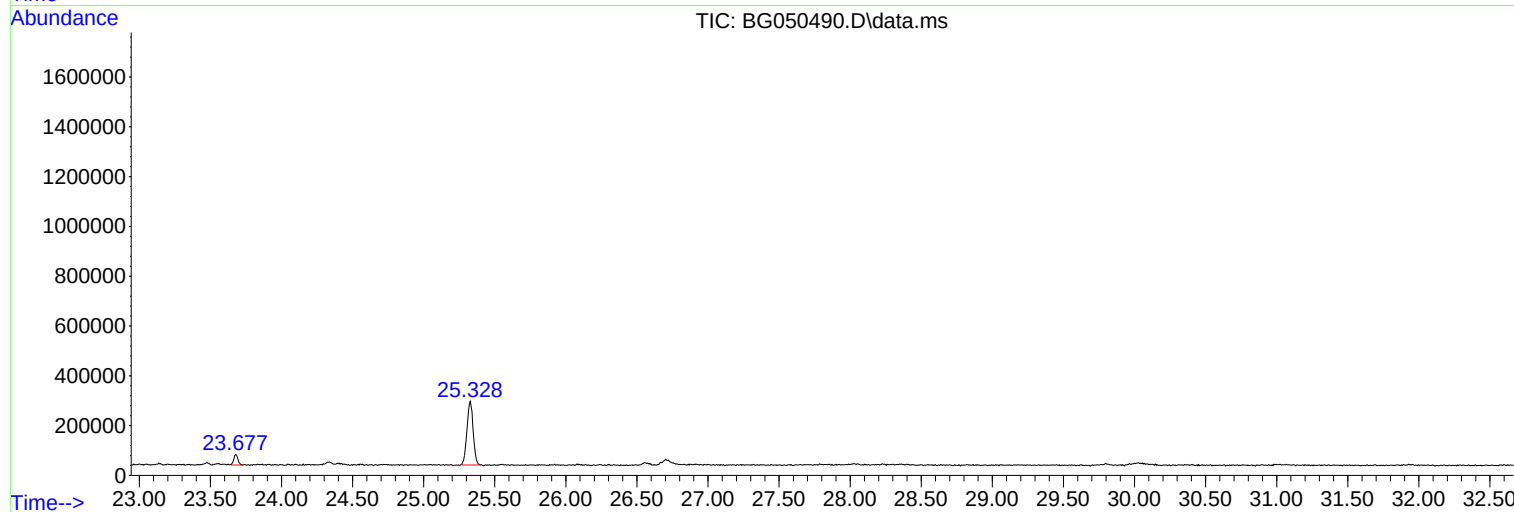
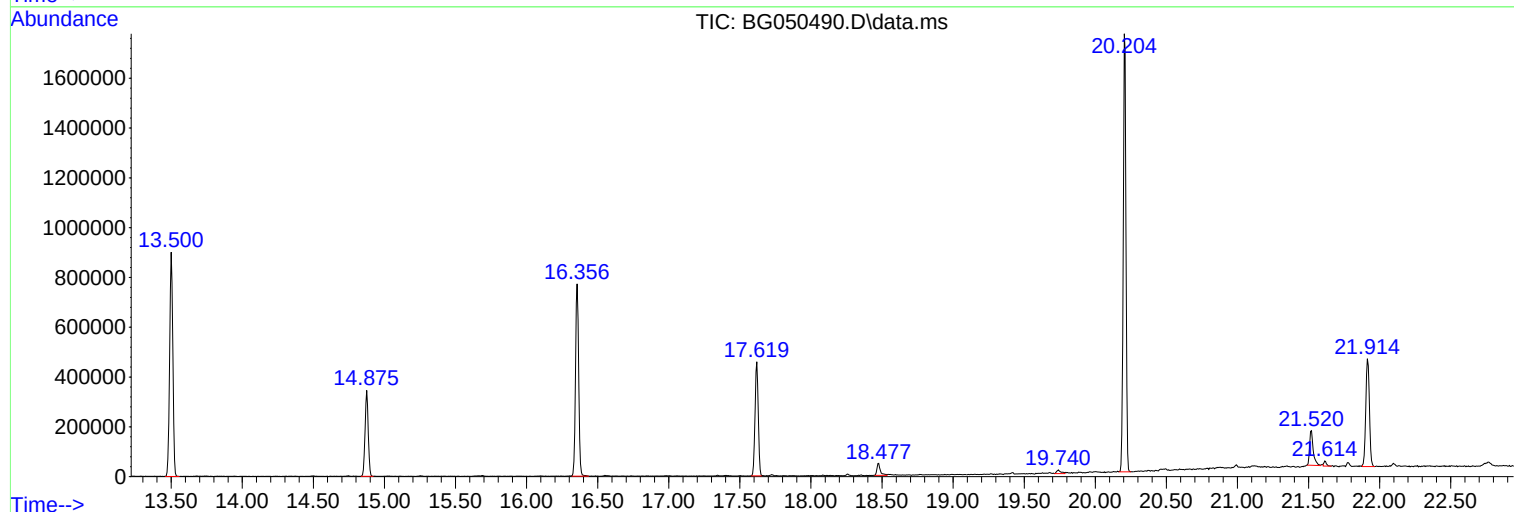
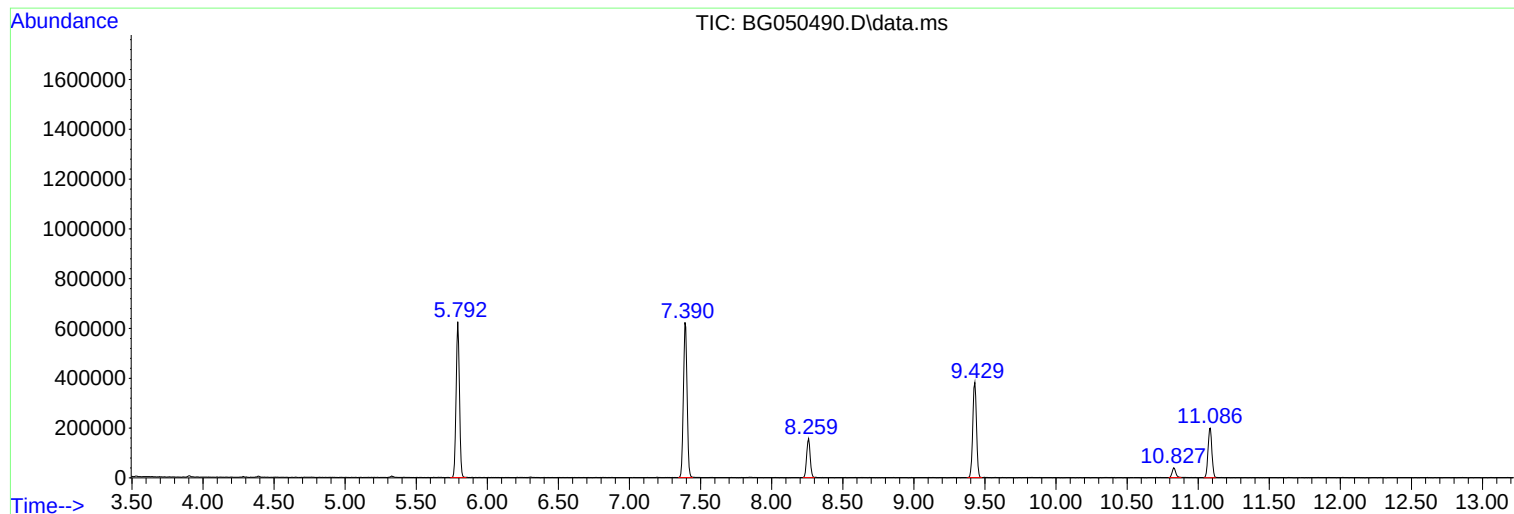
Sum of corrected areas: 11741894

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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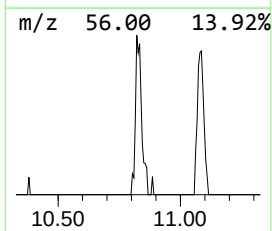
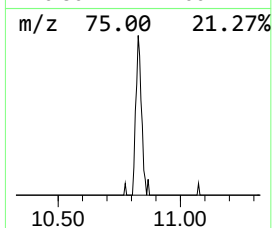
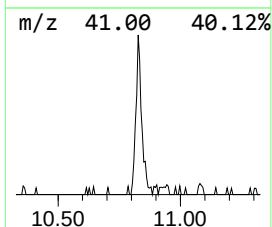
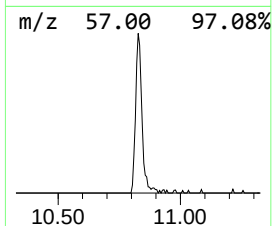
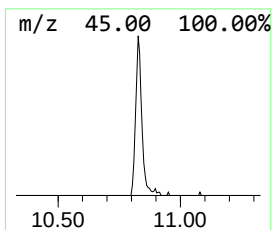
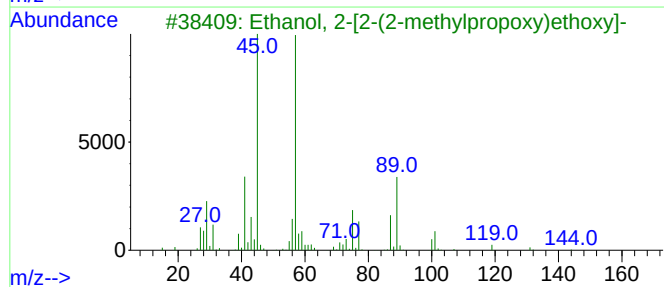
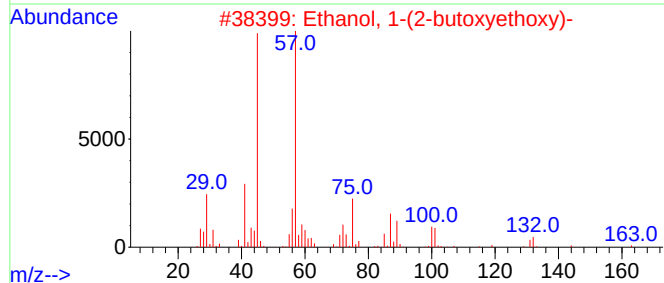
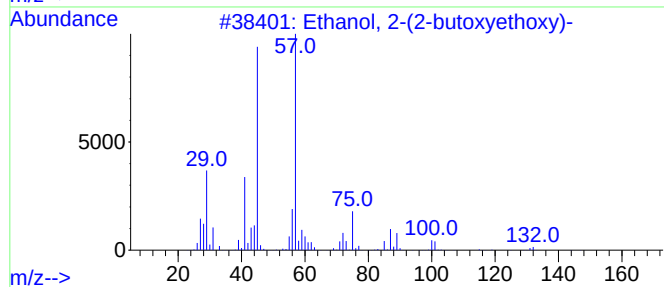
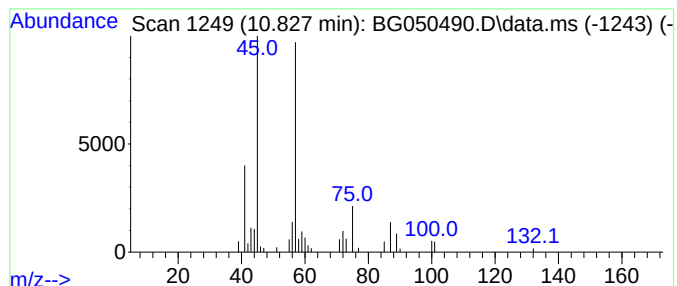
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
10.827	3.70 ng	69820	Naphthalene-d8	11.086

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	64
5			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64



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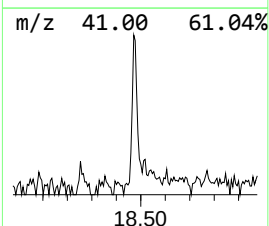
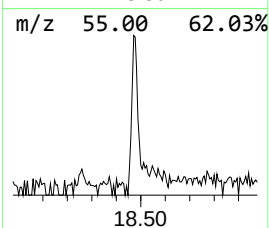
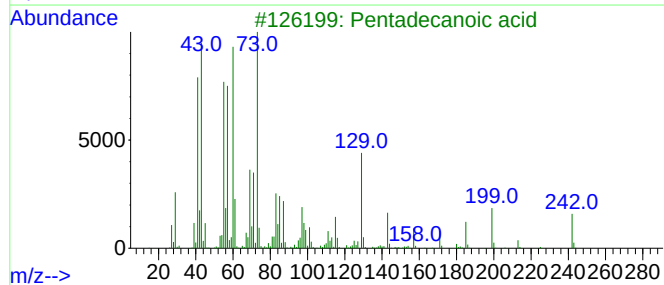
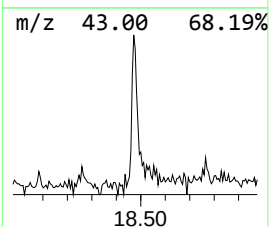
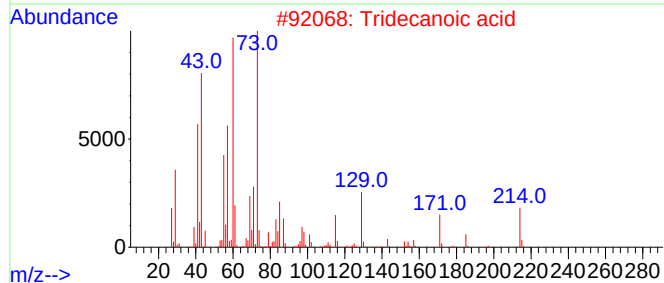
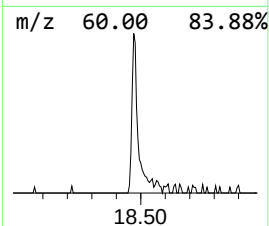
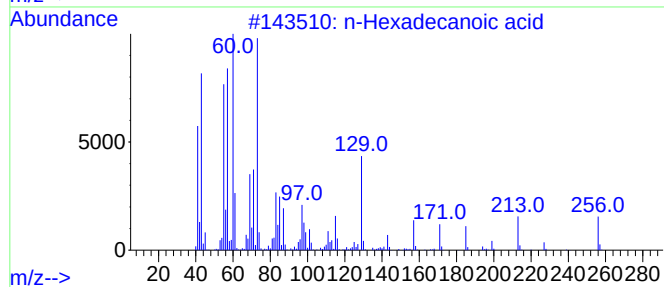
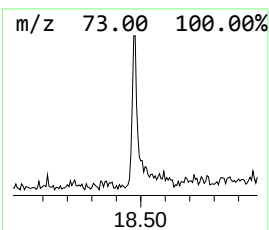
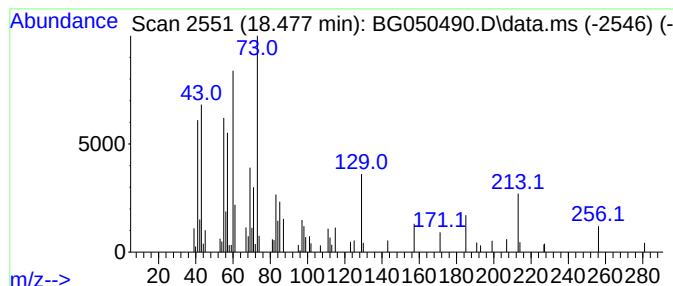
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.477	2.31 ng	82237	Phenanthrene-d10	17.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5			Undecanoic acid, 10-bromo-	264	C11H21BrO2	018294-93-4	47



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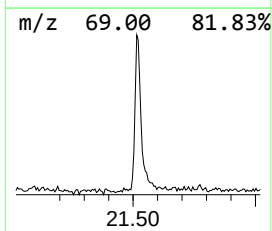
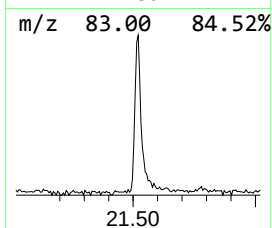
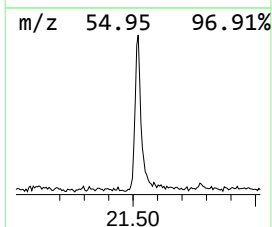
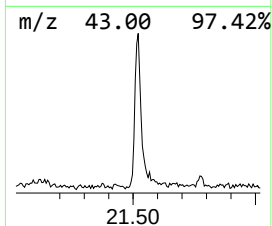
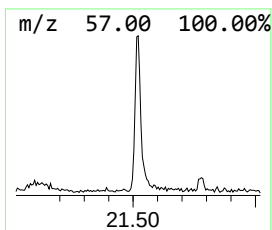
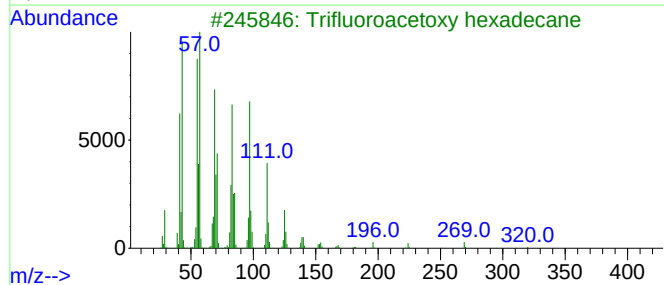
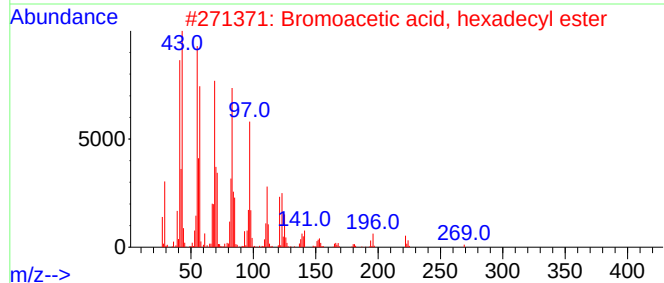
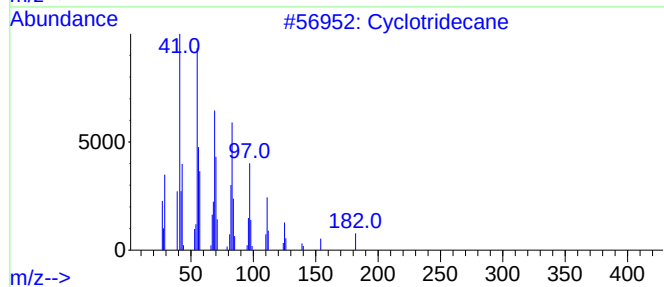
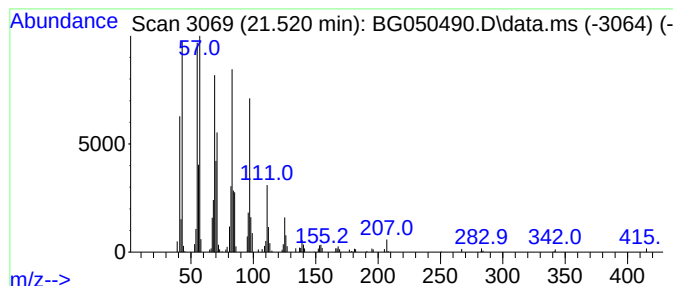
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Peak Number 3 Cyclotridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.520	6.33 ng	243190	Chrysene-d12	21.914

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotridecane	182	C13H26	000295-02-3	95
2			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
3			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94



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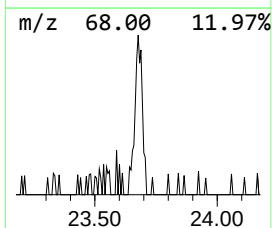
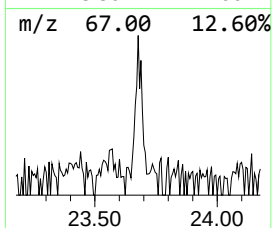
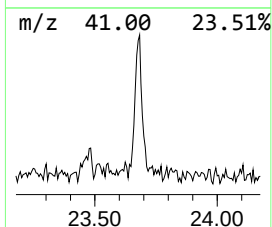
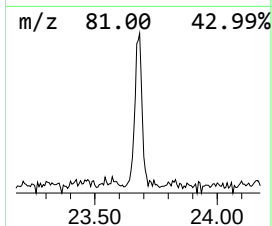
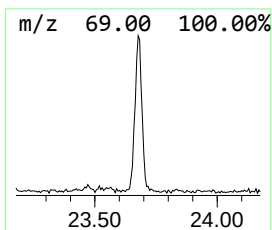
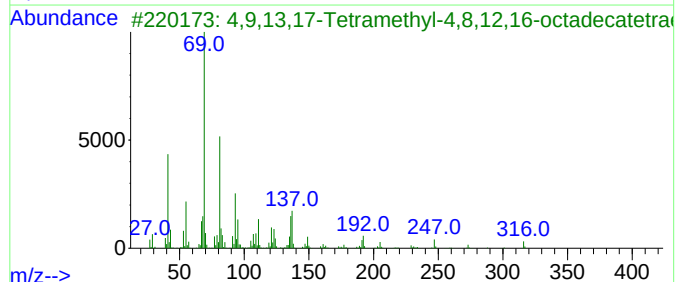
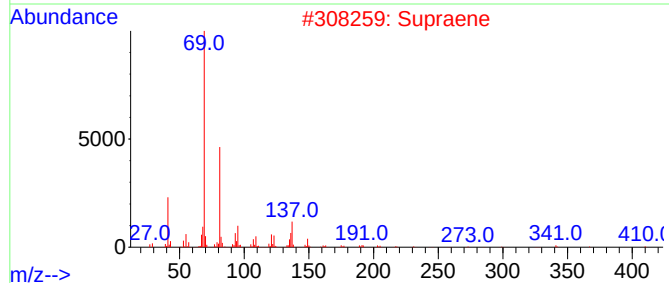
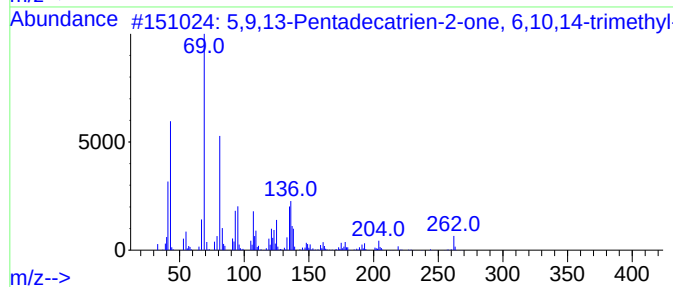
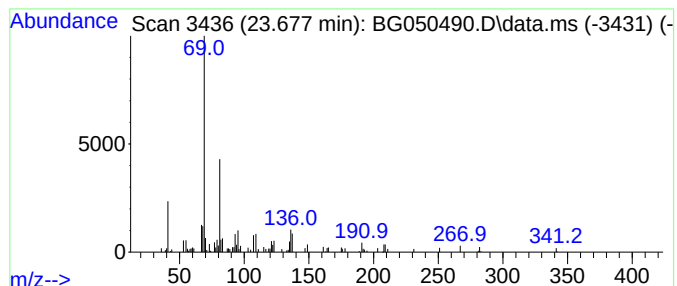
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Peak Number 4 5,9,13-Pentadecatrien-2-one... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.677	2.22 ng	85099	Perylene-d12	25.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	000762-29-8	64		
2	Supraene	410	C30H50	007683-64-9	64		
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	64		
4	.beta.-d-Mannofuranoside, 0-geranyl	316	C16H28O6	1000154-77-2	64		
5	3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	59		



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.827	3.7	ng	69820	2	11.086	377034	20.0
n-Hexadecanoic ...	18.477	2.3	ng	82237	4	17.619	713546	20.0
Cyclotridecane	21.520	6.3	ng	243190	5	21.914	768914	20.0
5,9,13-Pentadec...	23.677	2.2	ng	85099	6	25.328	767213	20.0