

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
 Data File : BM034323.D
 Acq On : 22 Mar 2022 23:04
 Operator : CG/JU
 Sample : N1949-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CP-BH2-031422-0-2

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-BM031522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034323.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.019	299	303	312	rVB	98508	137366	2.55%	0.423%
2	5.496	376	384	393	rBV	1917613	2881652	53.41%	8.870%
3	7.096	648	656	668	rBV	2064352	3190492	59.14%	9.820%
4	7.937	793	799	807	rBV	642026	1000241	18.54%	3.079%
5	9.101	986	997	1009	rBV	1218822	2119464	39.29%	6.524%
6	10.748	1270	1277	1287	rBV	809176	1375241	25.49%	4.233%
7	13.207	1688	1695	1706	rBV	3057534	4373910	81.07%	13.463%
8	14.401	1891	1898	1910	rBV3	25974	73408	1.36%	0.226%
9	14.577	1922	1928	1938	rVB	1200089	1707592	31.65%	5.256%
10	16.060	2174	2180	2195	rBV	2112489	3008192	55.76%	9.259%
11	17.318	2385	2394	2403	rBV	1312126	1881134	34.87%	5.790%
12	18.212	2541	2546	2555	rBV	156512	249778	4.63%	0.769%
13	19.936	2833	2839	2850	rBV	4239932	5394944	100.00%	16.605%
14	21.195	3049	3053	3058	rBV	613101	788443	14.61%	2.427%
15	21.489	3098	3103	3112	rBV	1404477	1958567	36.30%	6.028%
16	22.753	3314	3318	3326	rBV	220503	323554	6.00%	0.996%
17	23.900	3507	3513	3523	rVB2	951955	2025030	37.54%	6.233%

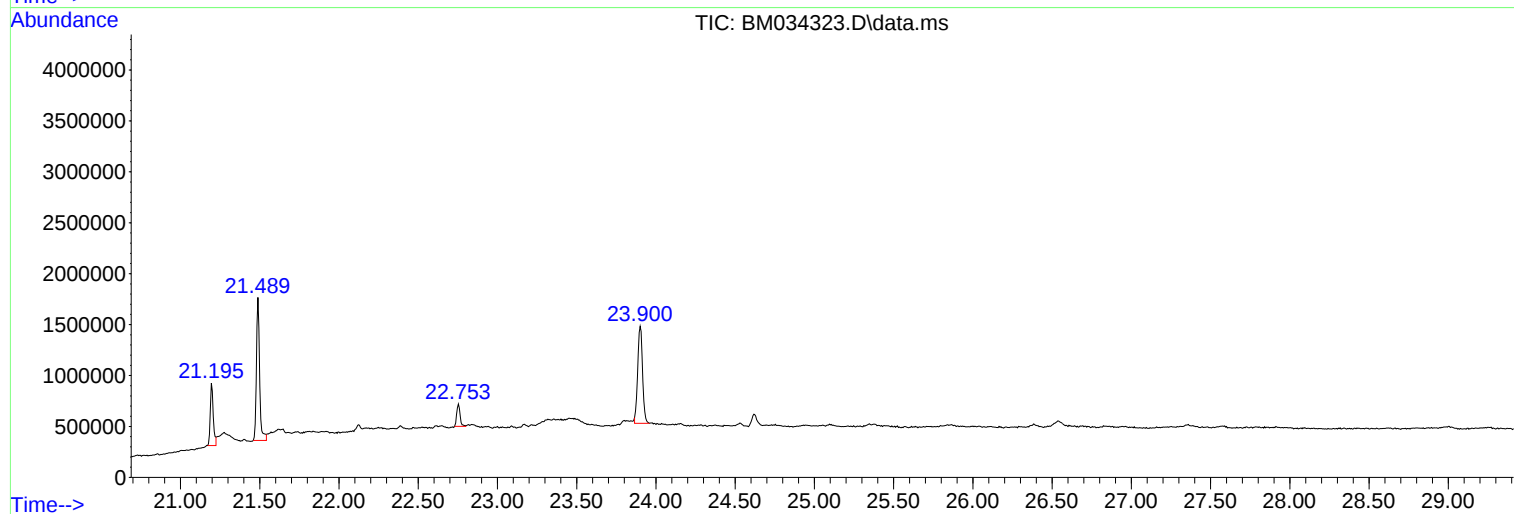
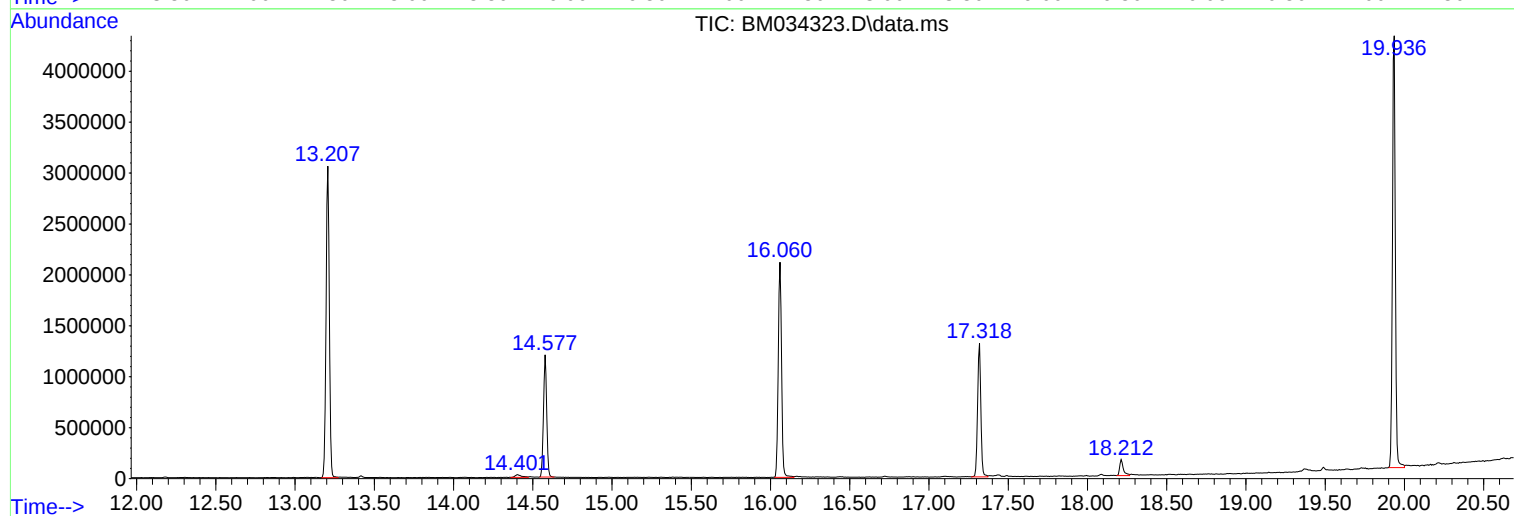
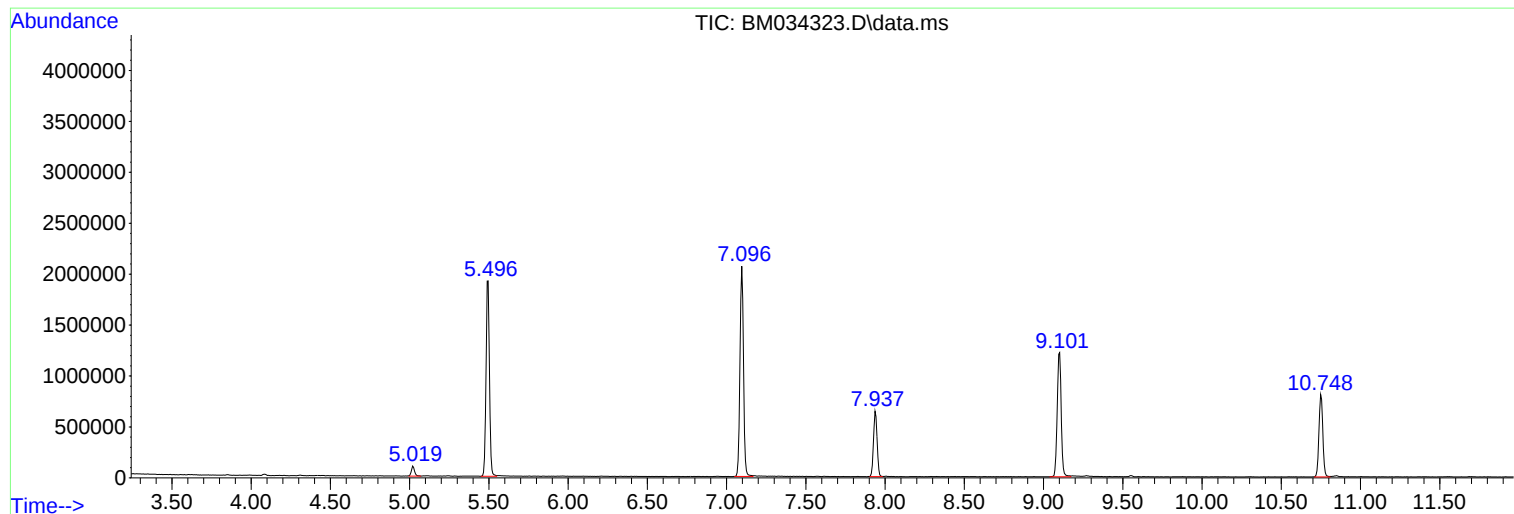
Sum of corrected areas: 32489008

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



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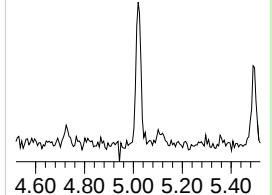
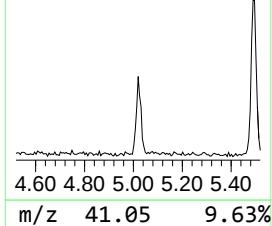
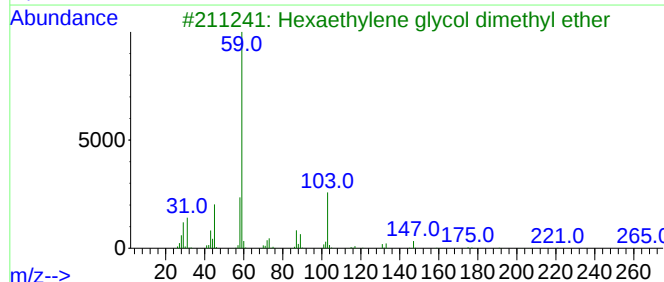
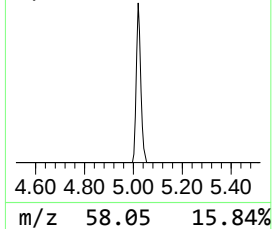
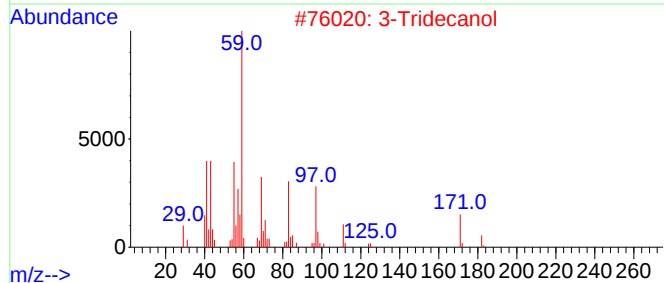
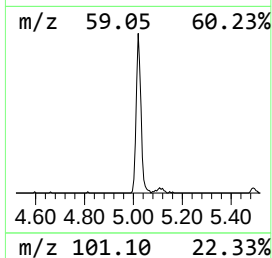
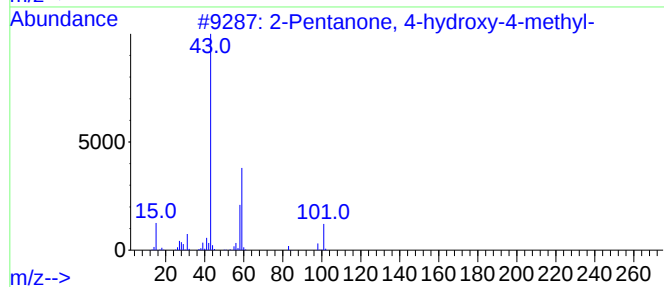
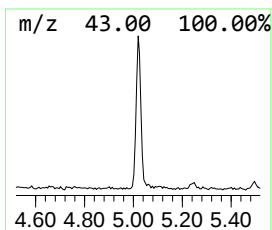
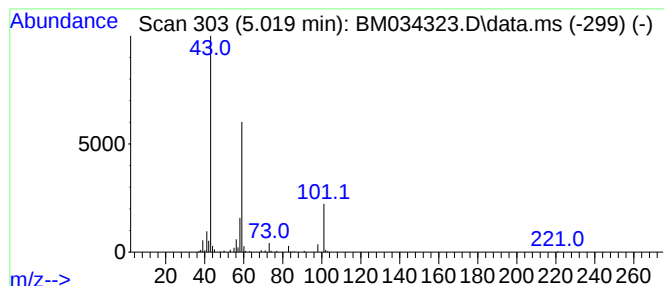
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.019	2.75 ng	137366	1,4-Dichlorobenzene-d4	7.937

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64	
2	3-Tridecanol	200	C13H28O	010289-68-6	37	
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	32	
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28	
5	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25	



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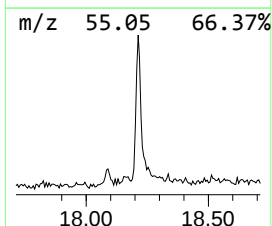
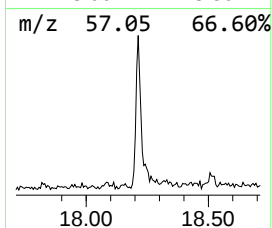
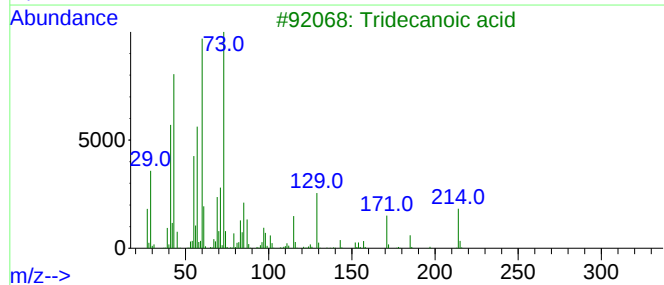
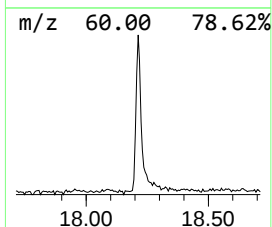
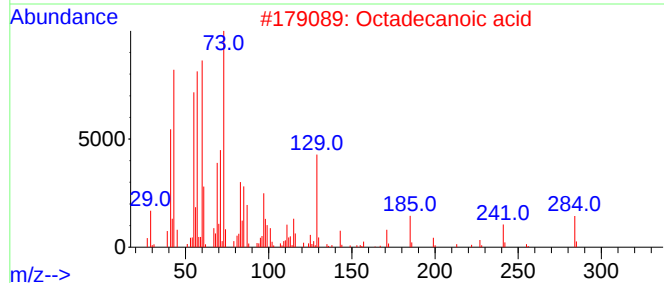
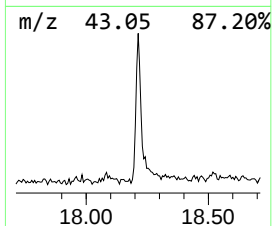
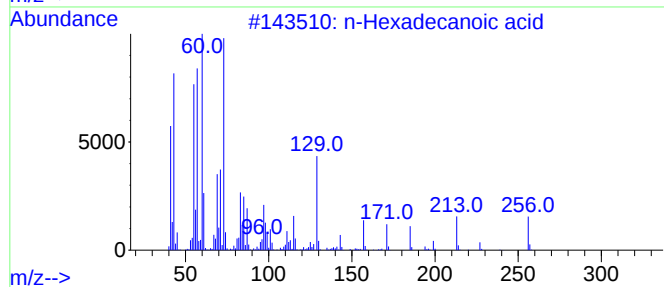
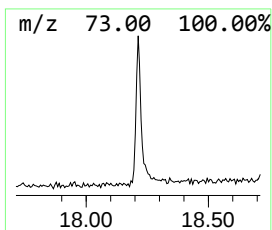
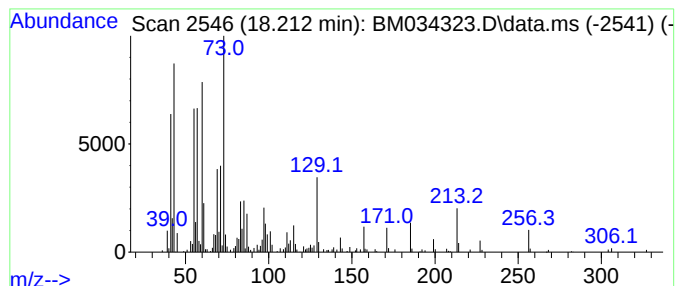
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.212	2.66 ng	249778	Phenanthrene-d10	17.318

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Tridecanoic acid	214	C13H26O2	000638-53-9	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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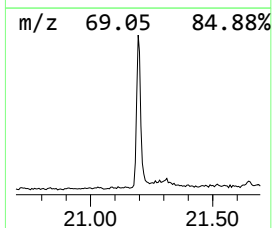
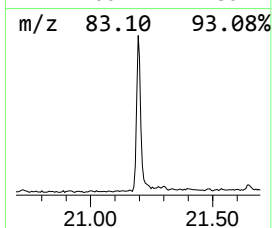
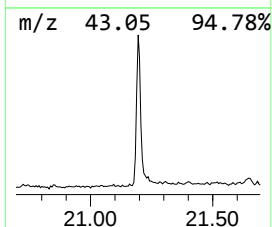
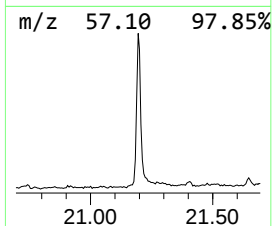
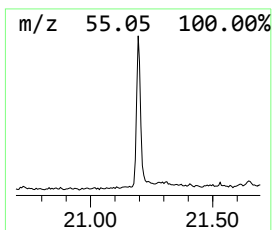
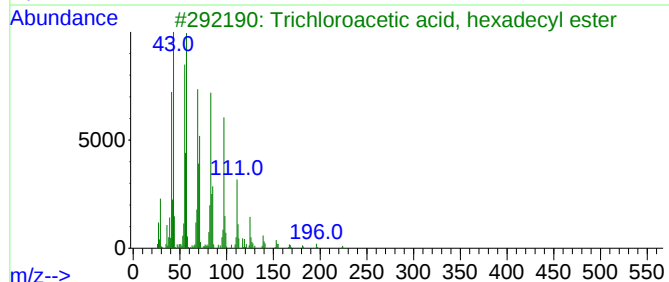
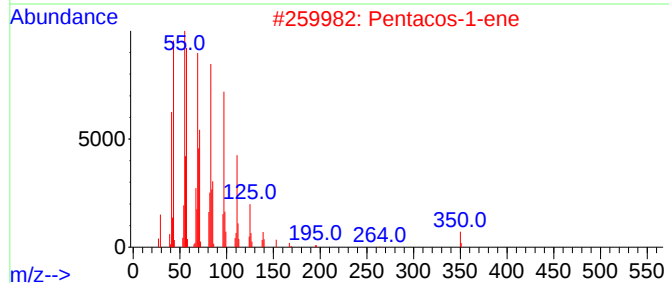
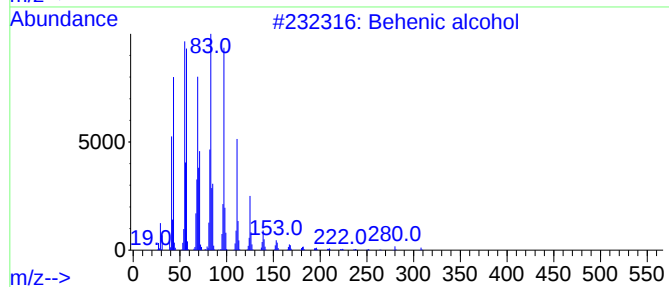
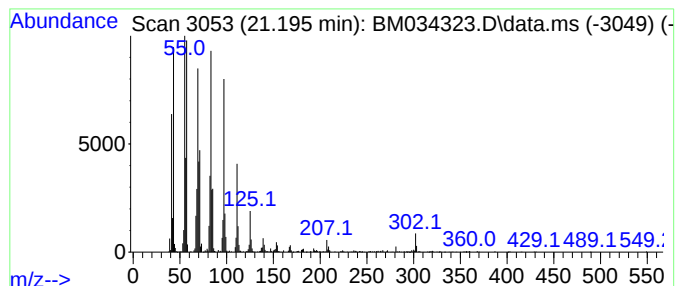
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Peak Number 3 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.195	8.05 ng	788443	Chrysene-d12	21.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	94
2			Pentacos-1-ene	350	C25H50	016980-85-1	94
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4			1-Tricosene	322	C23H46	018835-32-0	94
5			1-Hexacosene	364	C26H52	018835-33-1	94



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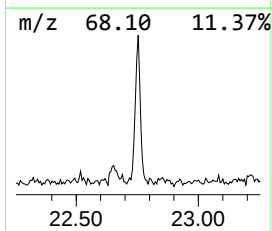
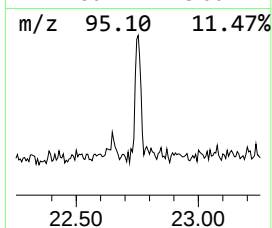
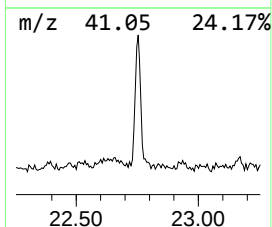
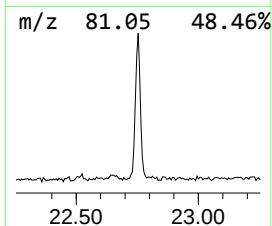
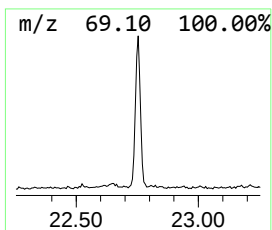
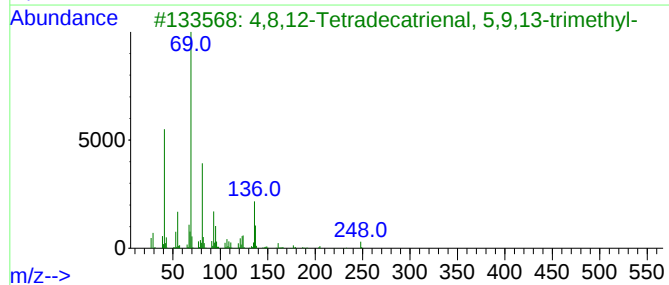
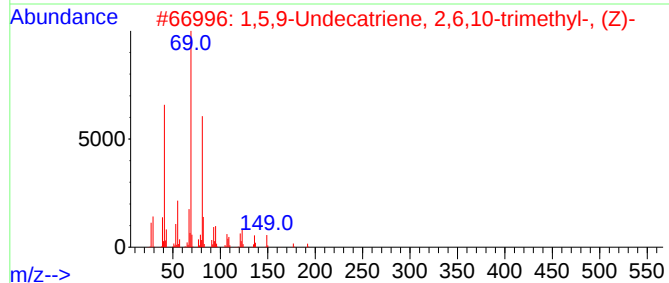
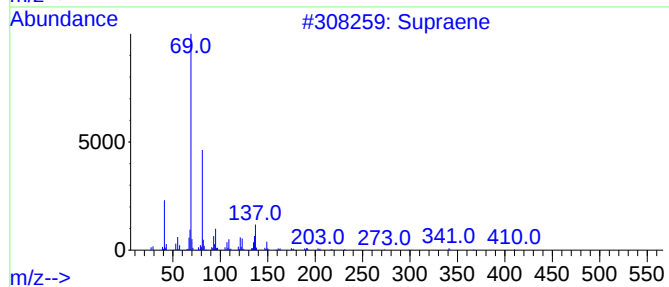
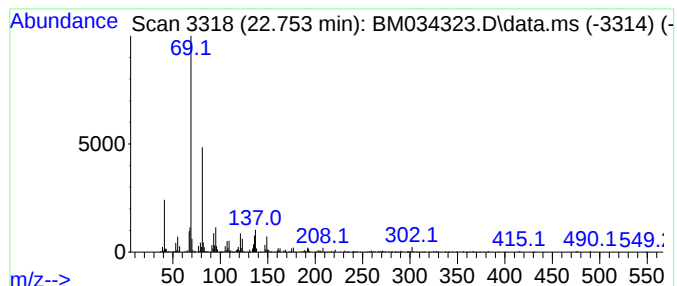
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Peak Number 4 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.753	3.20 ng	323554	Perylene-d12	23.900

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	87
2			1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	76
3			4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
4			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5			1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.019	2.8	ng	137366	1	7.937	1000240	20.0
n-Hexadecanoic ...	18.212	2.7	ng	249778	4	17.318	1881130	20.0
Behenic alcohol	21.195	8.1	ng	788443	5	21.489	1958570	20.0
Supraene	22.753	3.2	ng	323554	6	23.900	2025030	20.0