

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058828.D
 Acq On : 23 Aug 2023 19:01
 Operator : MA/JU
 Sample : 04110-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-TP-05(0-0.2)

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_G\Methods\8270-BG081823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058828.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.379	384	390	402	rBV	229736	361250	35.75%	6.551%
2	6.977	655	662	675	rBV	231786	408267	40.41%	7.404%
3	7.806	795	803	811	rBV	63597	103176	10.21%	1.871%
4	8.969	994	1001	1018	rBV	128399	247095	24.45%	4.481%
5	10.608	1271	1280	1294	rBV	84483	164279	16.26%	2.979%
6	13.076	1693	1700	1714	rBV	341055	580017	57.40%	10.519%
7	14.457	1922	1935	1947	rBV	165381	273180	27.04%	4.954%
8	15.191	2052	2060	2074	rBV	135143	189792	18.78%	3.442%
9	15.837	2165	2170	2182	rBV2	13283	30243	2.99%	0.548%
10	15.949	2182	2189	2205	rVV	351110	593847	58.77%	10.770%
11	17.200	2395	2402	2416	rBV	244510	380505	37.66%	6.901%
12	18.088	2548	2553	2569	rBV2	46727	81214	8.04%	1.473%
13	18.945	2694	2699	2708	rBV6	7151	16505	1.63%	0.299%
14	19.263	2747	2753	2759	rBV2	10744	16890	1.67%	0.306%
15	19.368	2766	2771	2776	rBV3	7947	11681	1.16%	0.212%
16	19.621	2811	2814	2821	rVB	10141	14558	1.44%	0.264%
17	19.821	2842	2848	2857	rBV	803775	1010412	100.00%	18.324%
18	21.090	3060	3064	3076	rBV2	50926	95523	9.45%	1.732%
19	21.184	3076	3080	3089	rVB	15280	23327	2.31%	0.423%
20	21.443	3118	3124	3131	rBV2	240472	394027	39.00%	7.146%
21	23.023	3387	3393	3400	rVB2	43111	81389	8.06%	1.476%
22	24.510	3636	3646	3661	rBV	149410	426066	42.17%	7.727%
23	25.532	3814	3820	3825	rBV7	4361	10882	1.08%	0.197%

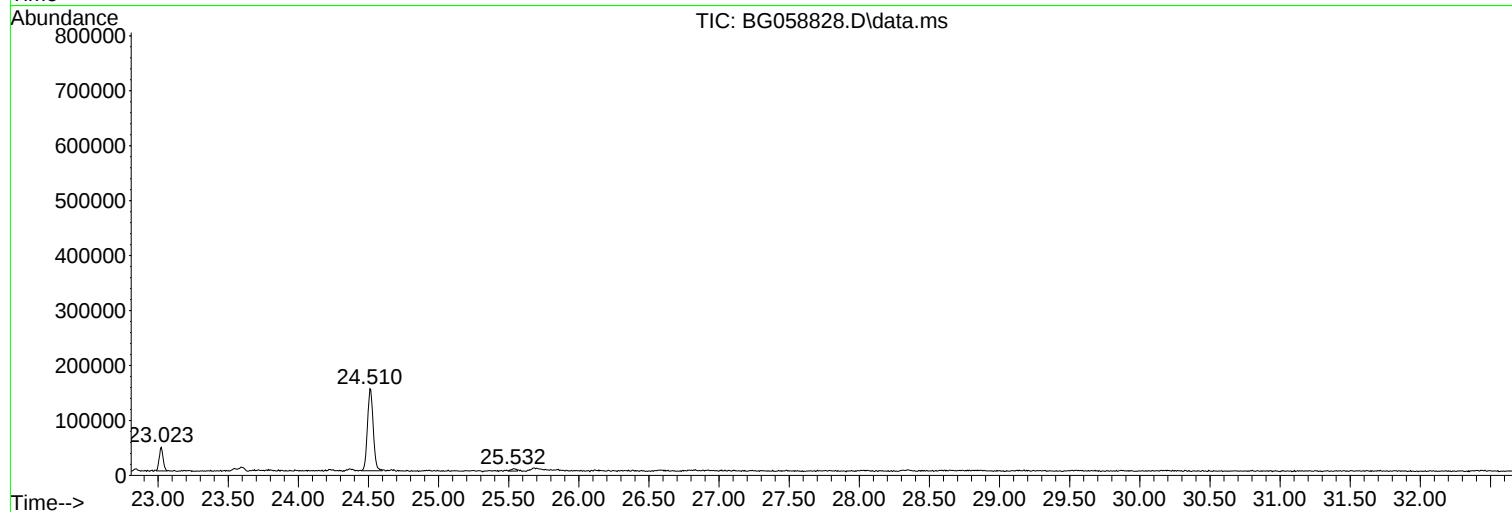
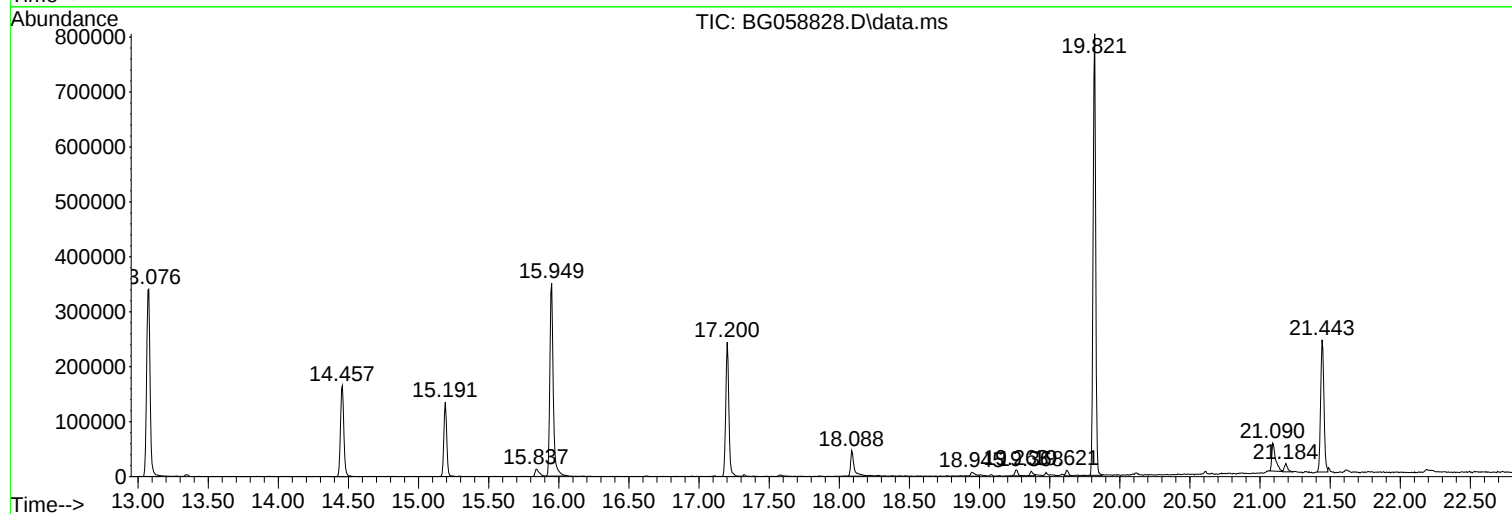
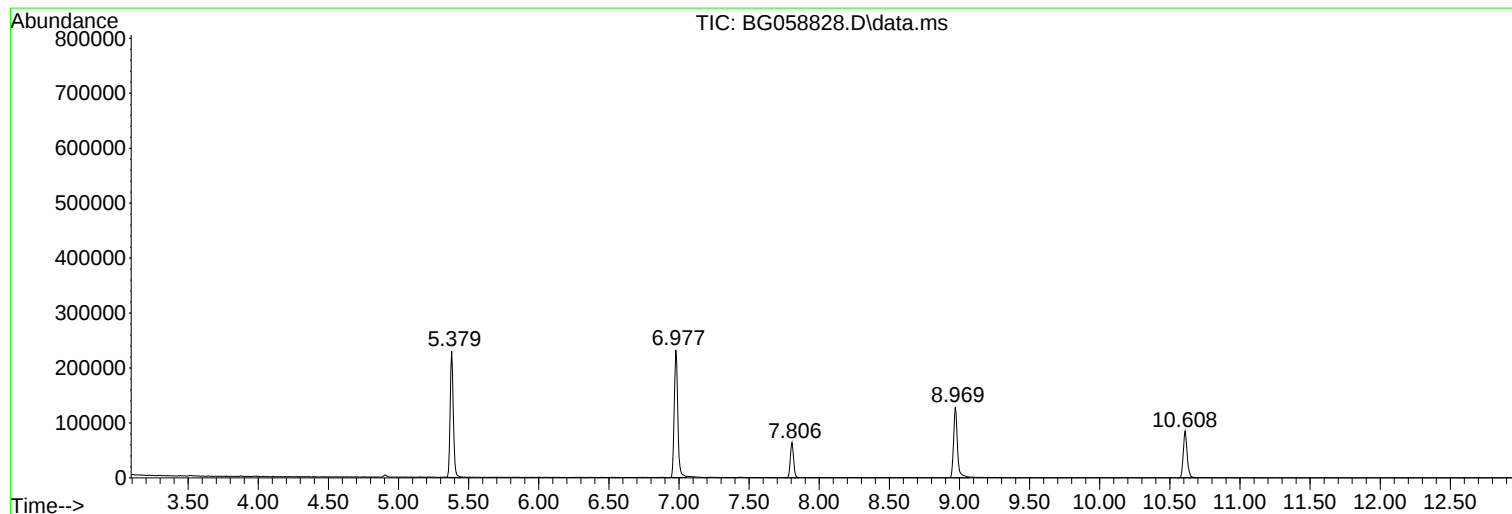
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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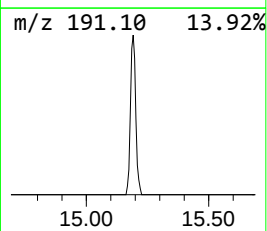
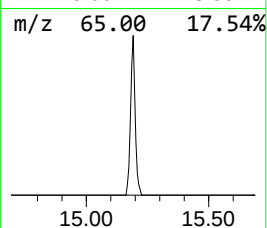
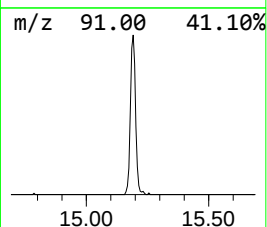
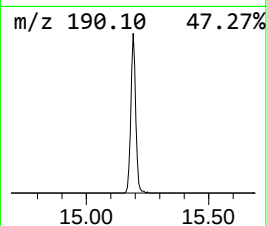
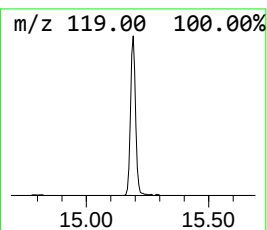
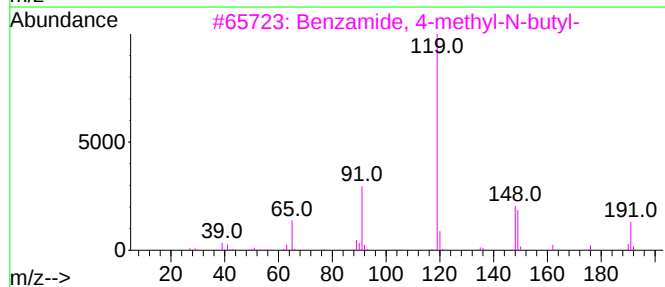
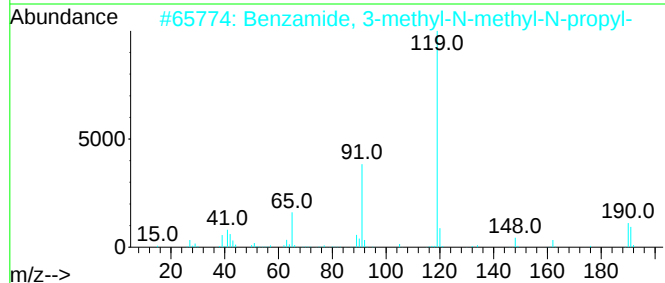
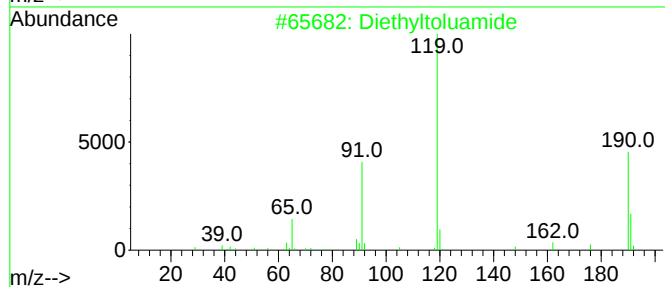
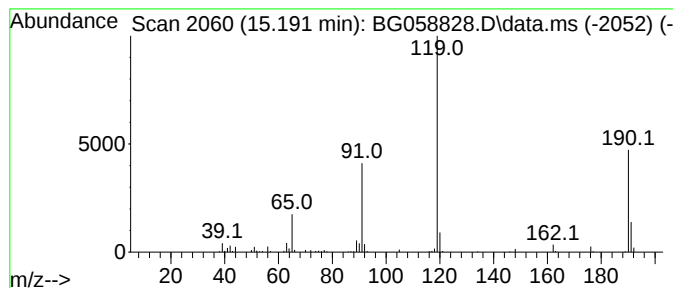
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.191	13.90 ng	189792	Acenaphthene-d10	14.457

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyltoluamide	191	C12H17NO	000134-62-3	97
2			Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	81
3			Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	76
4			Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	76
5			Benzamide, 2-methyl-N-butyl-	191	C12H17NO	1000407-39-4	76



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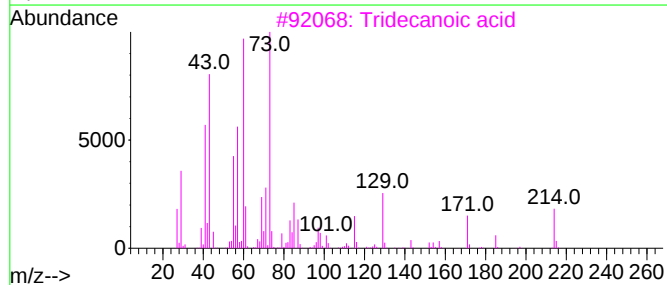
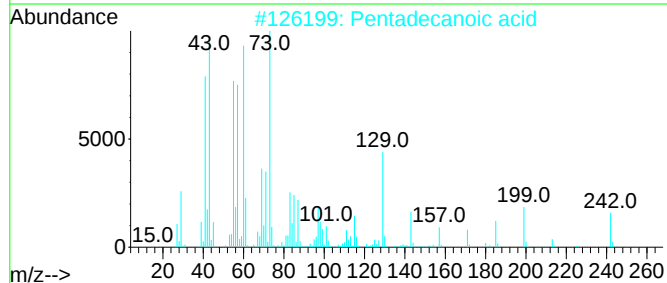
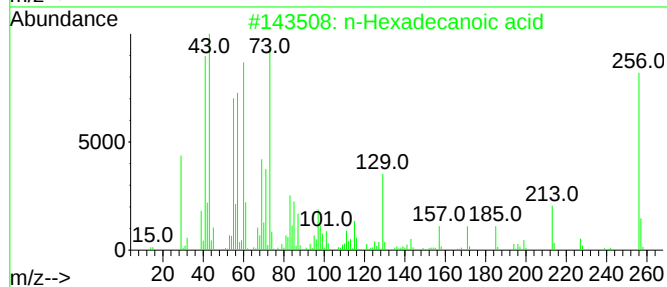
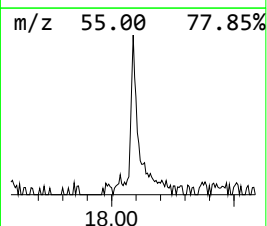
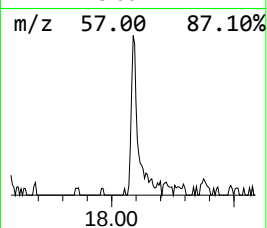
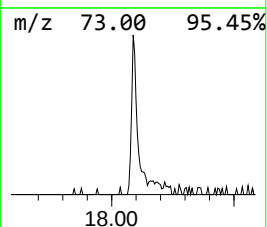
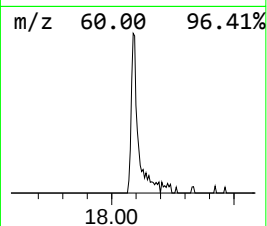
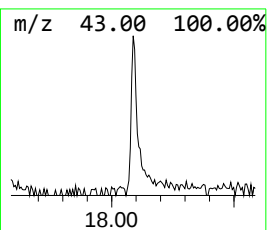
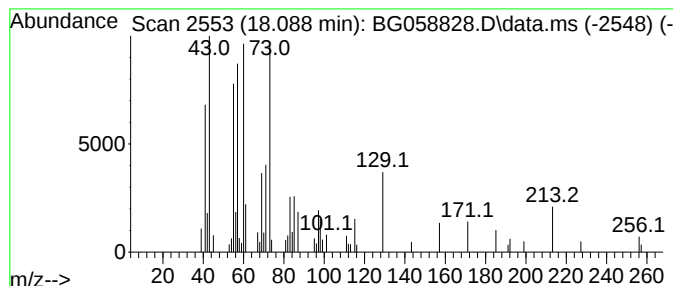
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.088	4.27 ng	81214	Phenanthrene-d10	17.201

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	72
4			n-Decanoic acid	172	C10H20O2	000334-48-5	53
5			Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20



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Instrument :
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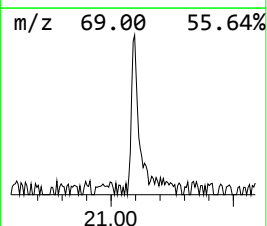
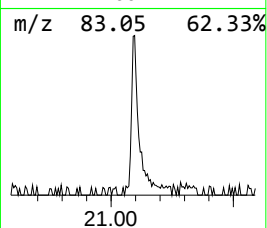
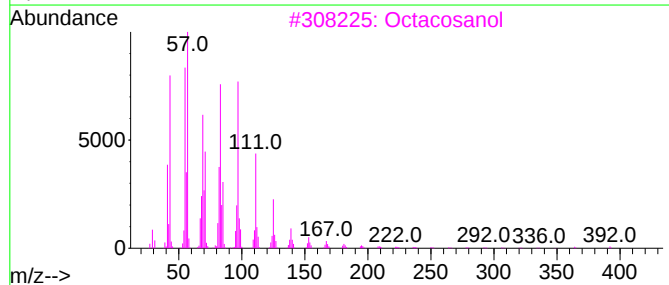
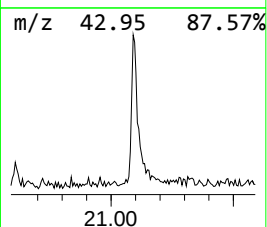
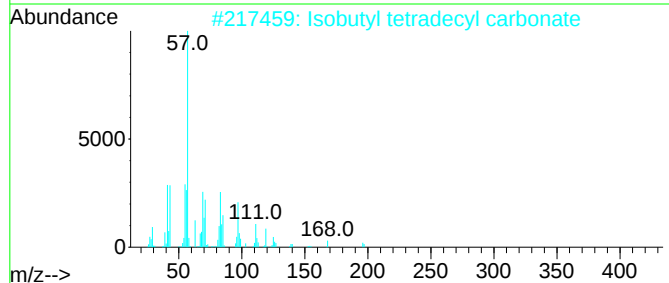
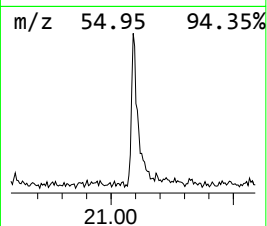
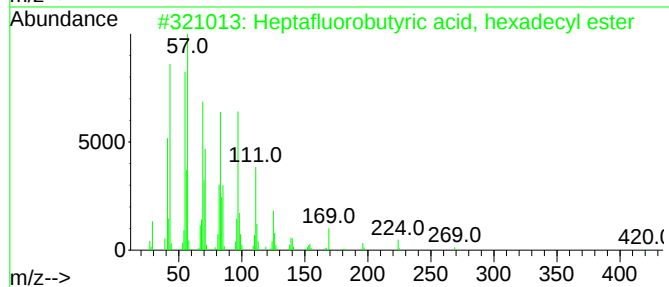
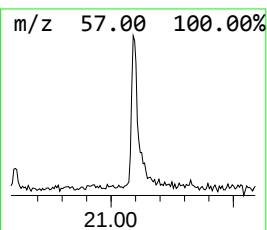
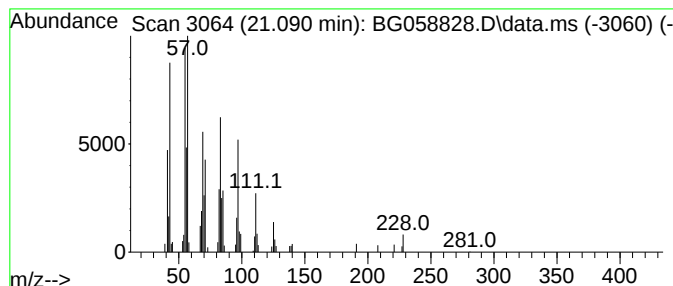
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Peak Number 3 Heptafluorobutyric acid, he... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.090	4.85 ng	95523	Chrysene-d12	21.442

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
2		Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	91
3		Octacosanol	410	C28H58O	000557-61-9	91
4		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91



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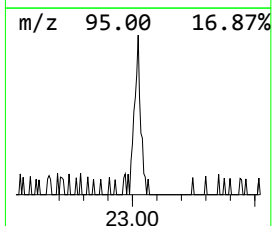
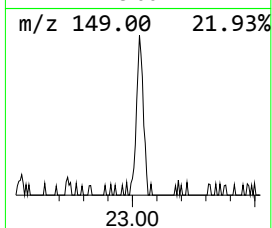
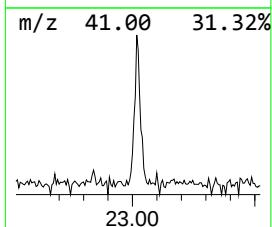
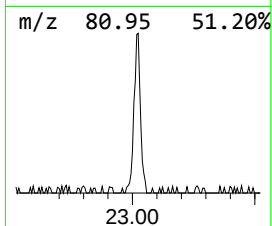
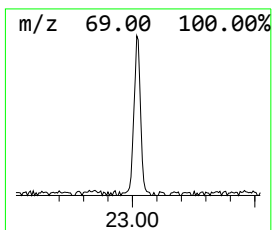
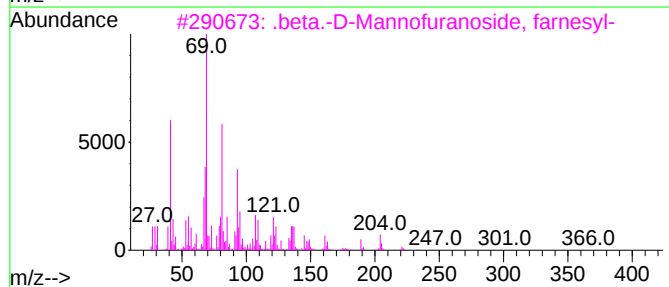
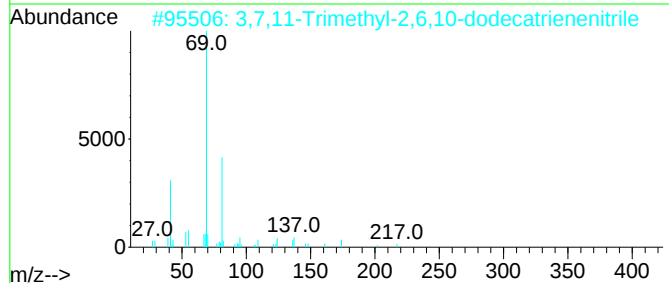
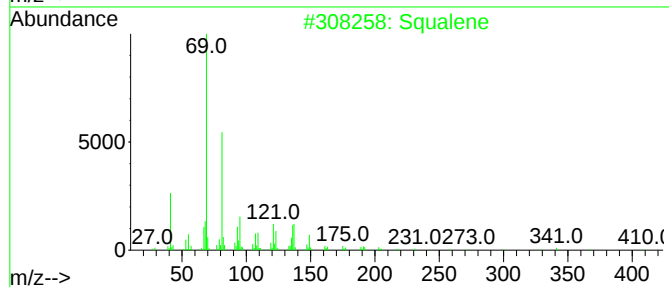
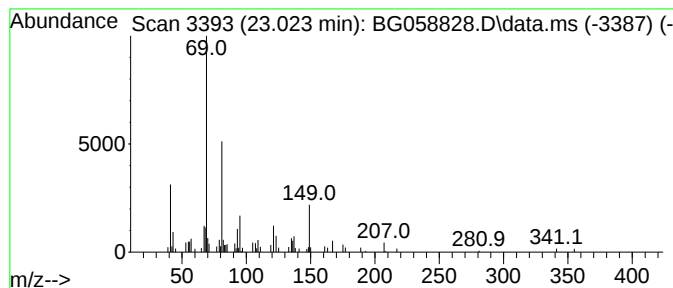
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Peak Number 4 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.023	3.82 ng	81389	Perylene-d12	24.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	64
2			3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	60
3			.beta.-D-Mannofuranoside, farnesyl-	384	C21H36O6	1000155-15-5	59
4			Supraene	410	C30H50	007683-64-9	53
5			6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	52



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diethyltoluamide	15.191	13.9	ng	189792	3	14.457	273180	20.0
n-Hexadecanoic ...	18.088	4.3	ng	81214	4	17.201	380505	20.0
Heptafluorobuty...	21.090	4.8	ng	95523	5	21.442	394027	20.0
Squalene	23.023	3.8	ng	81389	6	24.515	426066	20.0