

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020223\
 Data File : BM038663.D
 Acq On : 02 Feb 2023 14:58
 Operator : CG/JU
 Sample : 01285-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-07-SB02

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-BM020123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM038663.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	304	312	323	rVB	412772	550556	18.10%	3.002%
2	5.499	385	393	403	rBV	1225878	1714759	56.36%	9.349%
3	7.116	661	668	682	rBV	1104854	1664367	54.71%	9.074%
4	7.928	800	806	813	rVB	313790	464238	15.26%	2.531%
5	9.104	996	1006	1014	rBV	669412	1059569	34.83%	5.777%
6	10.739	1277	1284	1291	rBV	353513	559154	18.38%	3.049%
7	13.192	1694	1701	1708	rBV	2037991	2951354	97.01%	16.091%
8	14.569	1929	1935	1943	rVB	553438	775258	25.48%	4.227%
9	15.927	2162	2166	2172	rVB	34927	47024	1.55%	0.256%
10	16.057	2182	2188	2197	rBV	1531499	2086189	68.57%	11.374%
11	17.310	2394	2401	2409	rBV	578721	808078	26.56%	4.406%
12	18.198	2544	2552	2568	rBV	362989	589958	19.39%	3.216%
13	19.327	2740	2744	2746	rBV3	27788	37107	1.22%	0.202%
14	19.468	2764	2768	2780	rBV	162277	251005	8.25%	1.368%
15	19.927	2841	2846	2852	rBV	2689091	3042377	100.00%	16.587%
16	21.180	3055	3059	3064	rBV	166836	226142	7.43%	1.233%
17	21.486	3107	3111	3118	rBV	581506	707638	23.26%	3.858%
18	23.886	3513	3519	3527	rVB	424930	807003	26.53%	4.400%

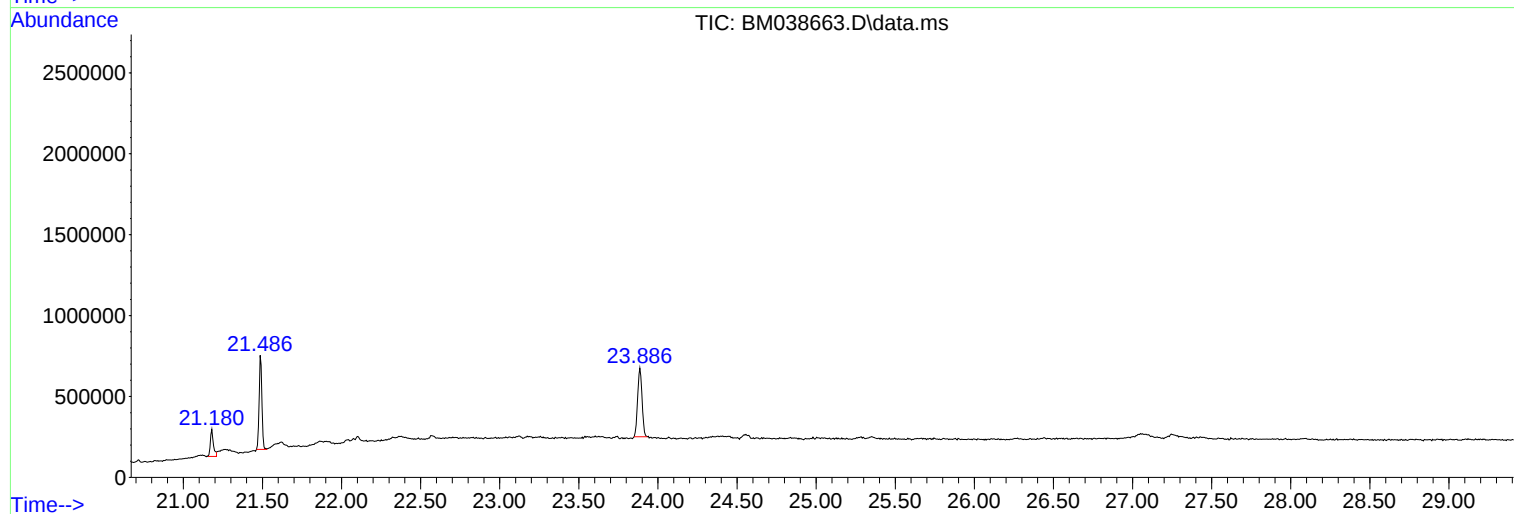
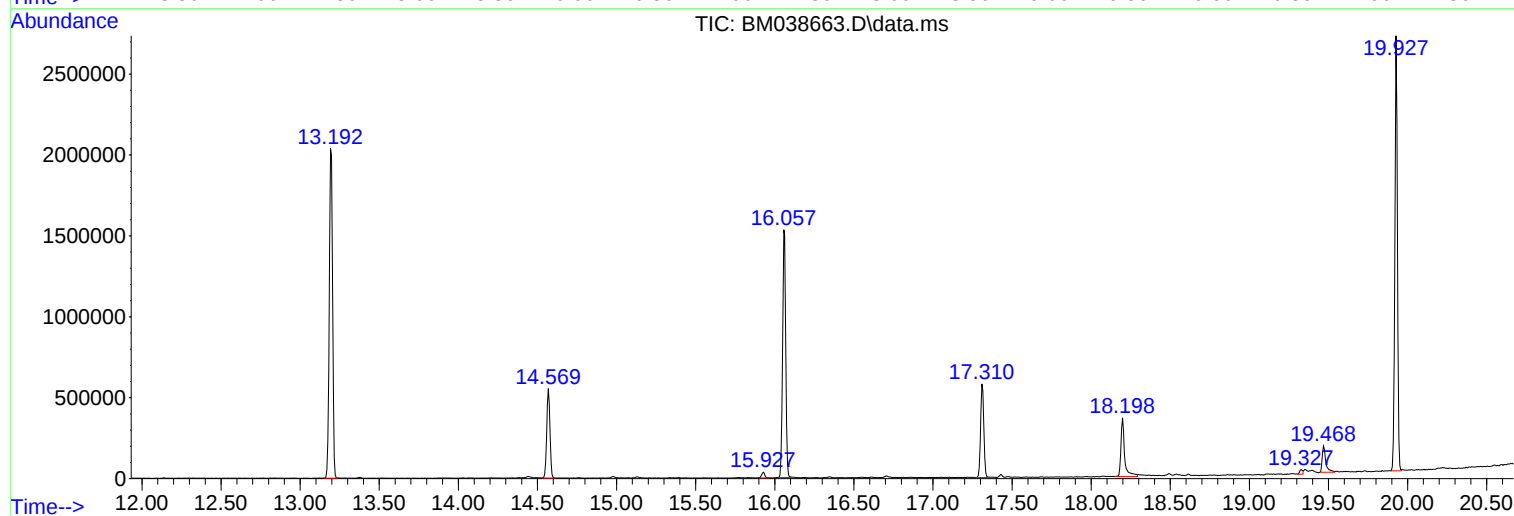
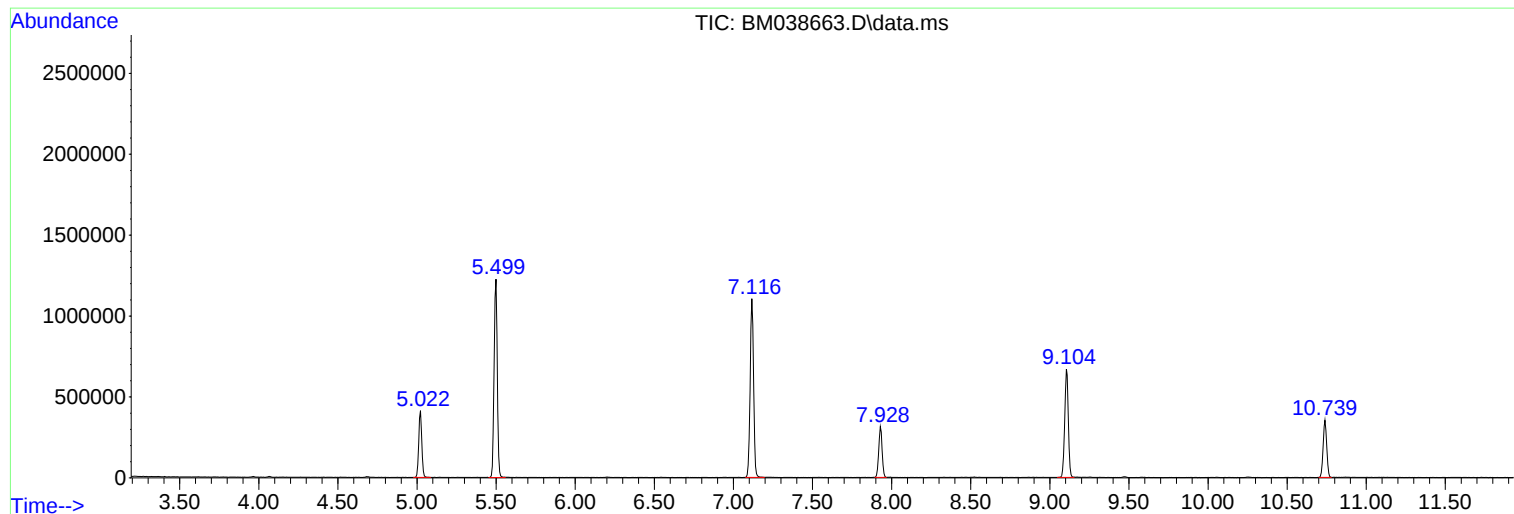
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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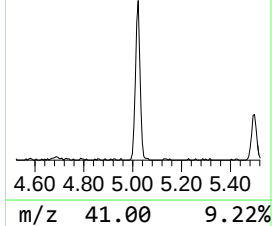
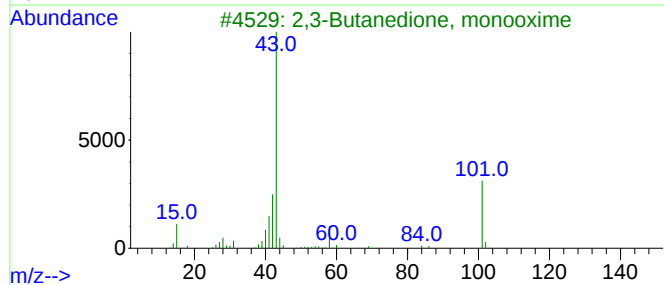
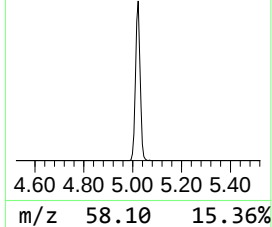
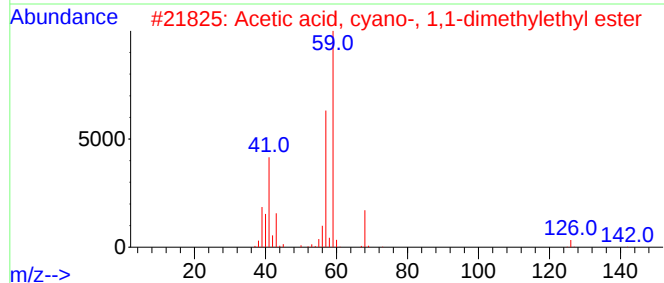
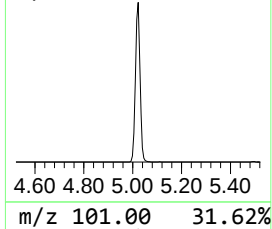
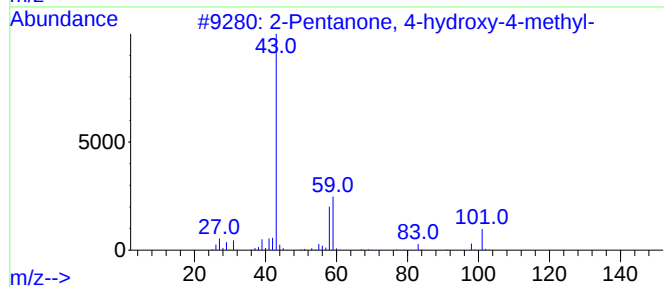
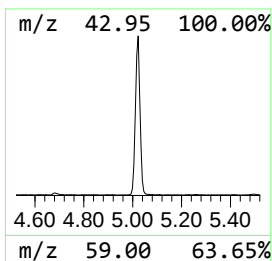
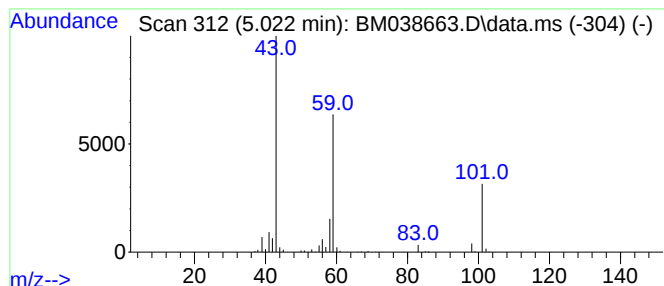
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.022	23.72 ng	550556	1,4-Dichlorobenzene-d4	7.928

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17		
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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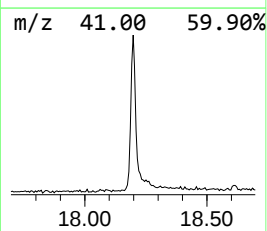
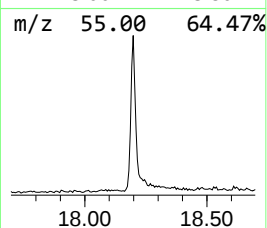
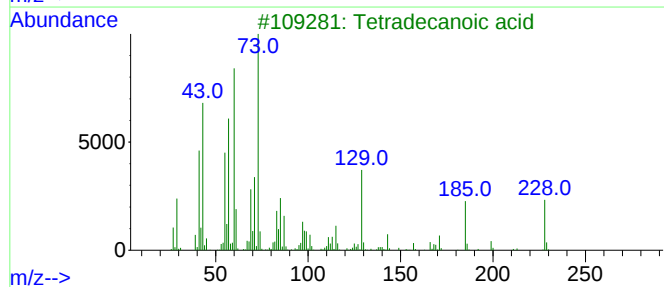
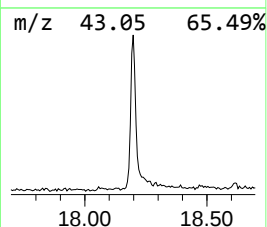
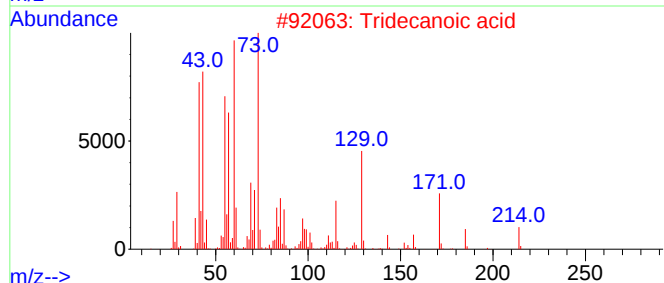
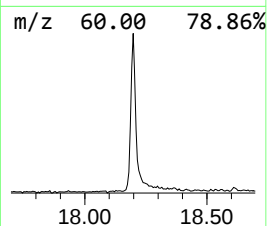
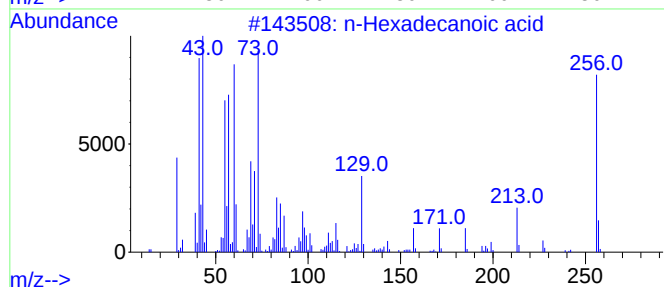
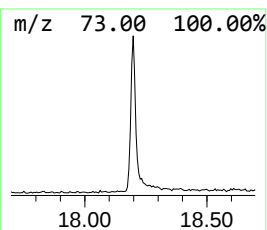
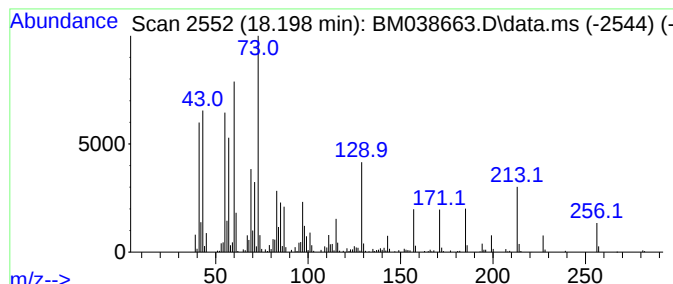
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	14.60 ng	589958	Phenanthrene-d10	17.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	70
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4		Undecanoic acid	186	C11H22O2	000112-37-8	62
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	62



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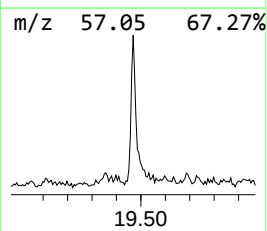
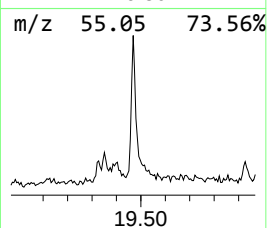
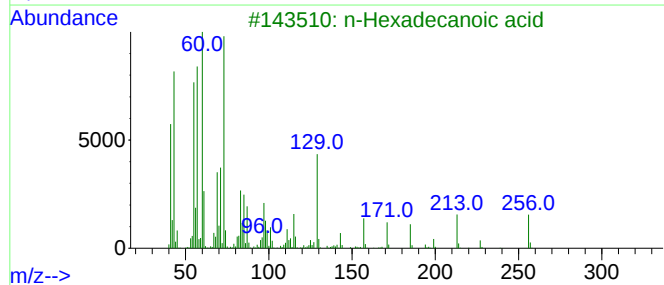
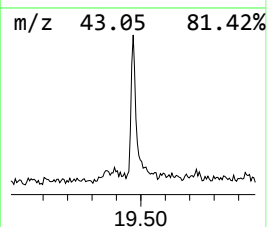
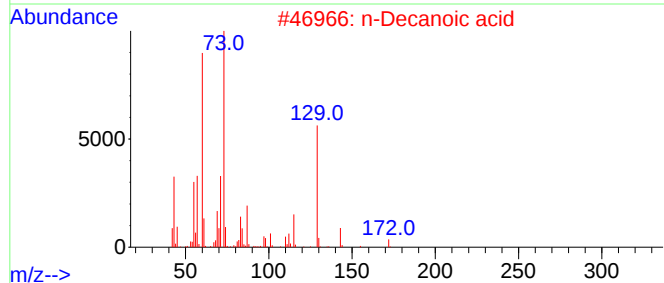
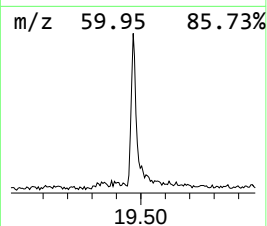
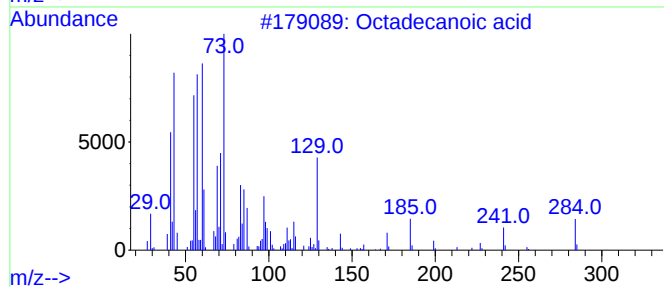
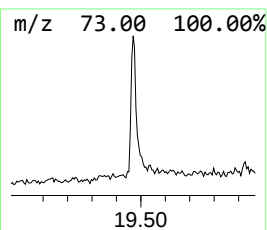
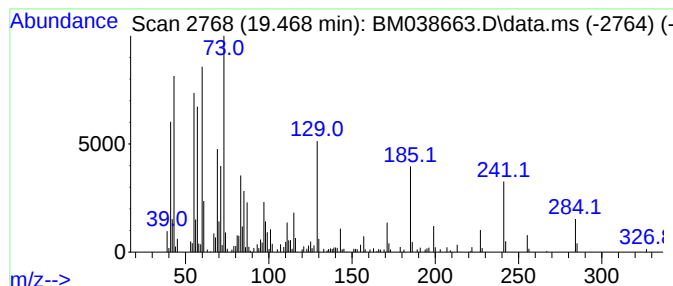
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.468	7.09 ng	251005	Chrysene-d12	21.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Decanoic acid	172	C10H20O2	000334-48-5	96
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Undecanoic acid	186	C11H22O2	000112-37-8	64



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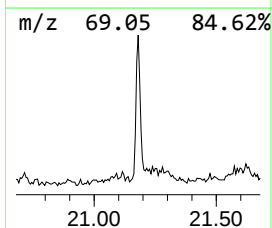
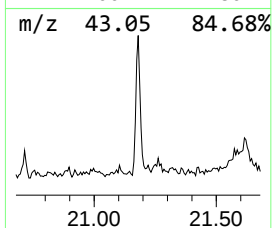
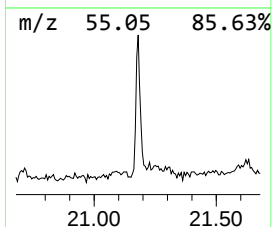
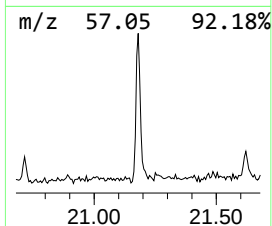
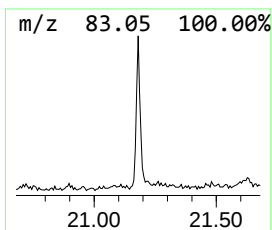
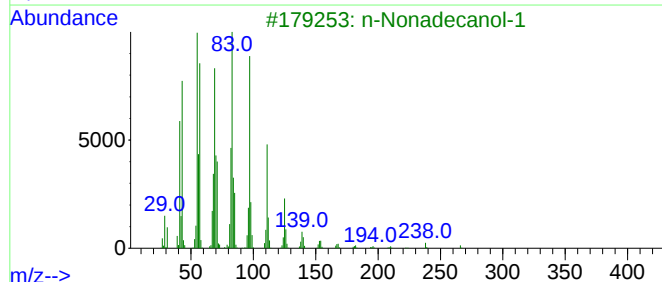
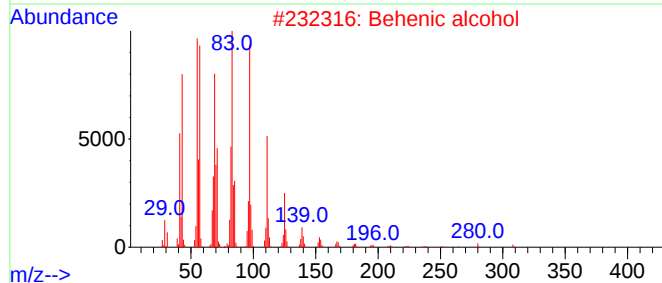
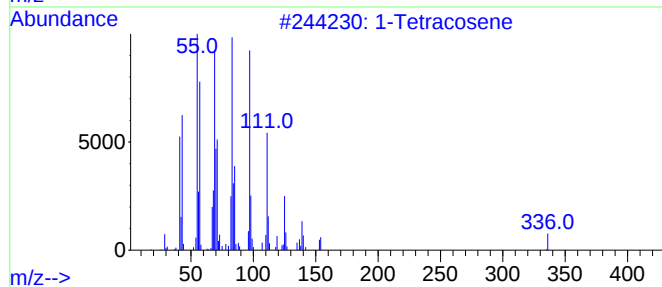
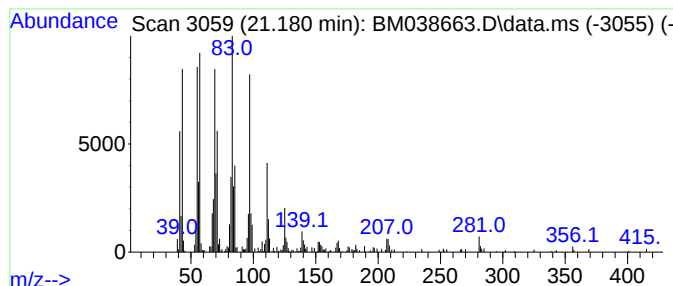
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TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Tetracosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	6.39 ng	226142	Chrysene-d12	21.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tetracosene	336	C24H48	010192-32-2	94
2			Behenic alcohol	326	C22H46O	000661-19-8	93
3			n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5			1-Nonadecene	266	C19H38	018435-45-5	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.022	23.7	ng	550556	1	7.928	464238	20.0
n-Hexadecanoic ...	18.198	14.6	ng	589958	4	17.310	808078	20.0
Octadecanoic acid	19.468	7.1	ng	251005	5	21.486	707638	20.0
1-Tetracosene	21.180	6.4	ng	226142	5	21.486	707638	20.0