

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042427.D
 Acq On : 24 Oct 2023 19:43
 Operator : MA/JU
 Sample : 04978-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-406-COMP-03

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-BM102123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042427.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	316	321	331	rVB	376119	499958	12.94%	1.623%
2	5.522	390	397	410	rBV	1864169	2632396	68.11%	8.544%
3	7.145	665	673	685	rBV	1908019	2961864	76.64%	9.614%
4	7.992	810	817	826	rBV	590974	917922	23.75%	2.979%
5	9.192	1010	1021	1035	rBV	1152696	1884357	48.76%	6.116%
6	10.816	1289	1297	1305	rBV	806728	1286890	33.30%	4.177%
7	13.257	1706	1712	1726	rBV	2027561	2983459	77.19%	9.684%
8	13.480	1744	1750	1759	rVB2	26603	42983	1.11%	0.140%
9	14.639	1941	1947	1954	rBV	1108204	1579983	40.88%	5.128%
10	16.127	2193	2200	2213	rBV	1730921	2444371	63.25%	7.934%
11	17.392	2408	2415	2419	rBV	1342351	1866307	48.29%	6.058%
12	17.433	2419	2422	2429	rVB	120879	168382	4.36%	0.547%
13	17.527	2429	2438	2444	rBV	36318	74095	1.92%	0.240%
14	18.180	2544	2549	2554	rBV	91019	131167	3.39%	0.426%
15	18.239	2554	2559	2569	rBV	726690	1091019	28.23%	3.541%
16	19.445	2757	2764	2771	rVB	319913	453158	11.73%	1.471%
17	19.515	2771	2776	2787	rBV	313078	512203	13.25%	1.662%
18	19.774	2816	2820	2822	rBV2	42447	63898	1.65%	0.207%
19	19.809	2822	2826	2833	rVB	279183	387801	10.03%	1.259%
20	20.003	2853	2859	2867	rBV	3230211	3864851	100.00%	12.544%
21	21.233	3063	3068	3075	rBV3	351662	578048	14.96%	1.876%
22	21.439	3100	3103	3107	rVB	139306	143138	3.70%	0.465%
23	21.574	3120	3126	3130	rBV	1603960	2192074	56.72%	7.115%
24	21.609	3130	3132	3136	rVB	149925	164642	4.26%	0.534%
25	24.038	3539	3545	3552	rVB	963050	1884393	48.76%	6.116%

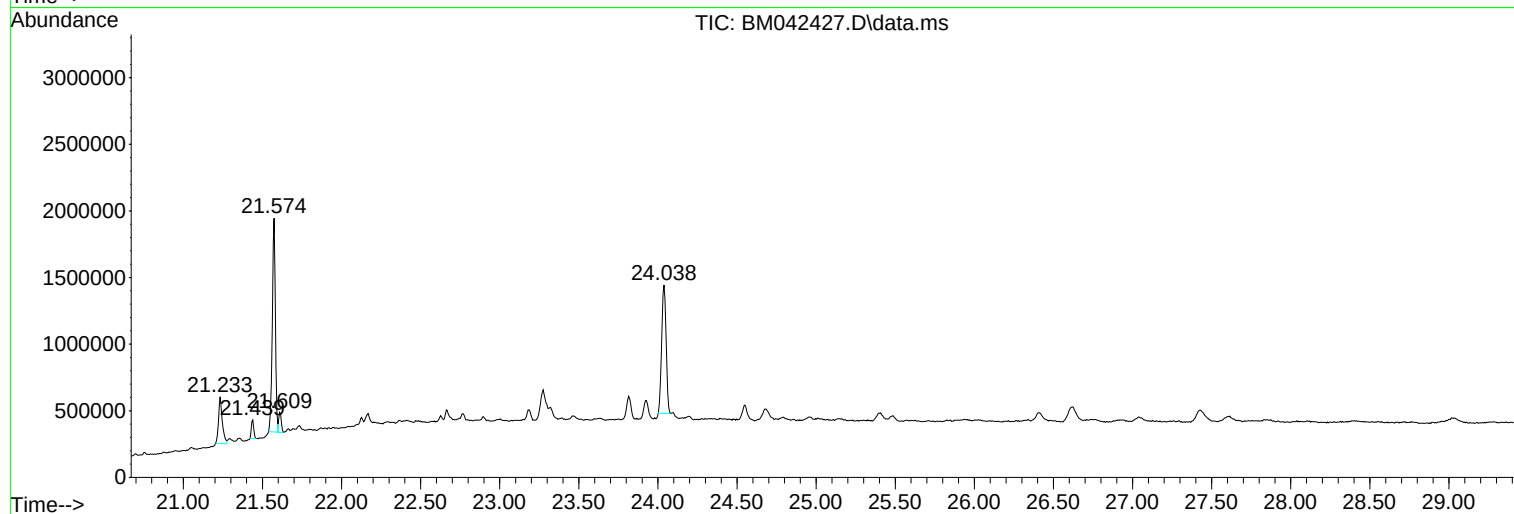
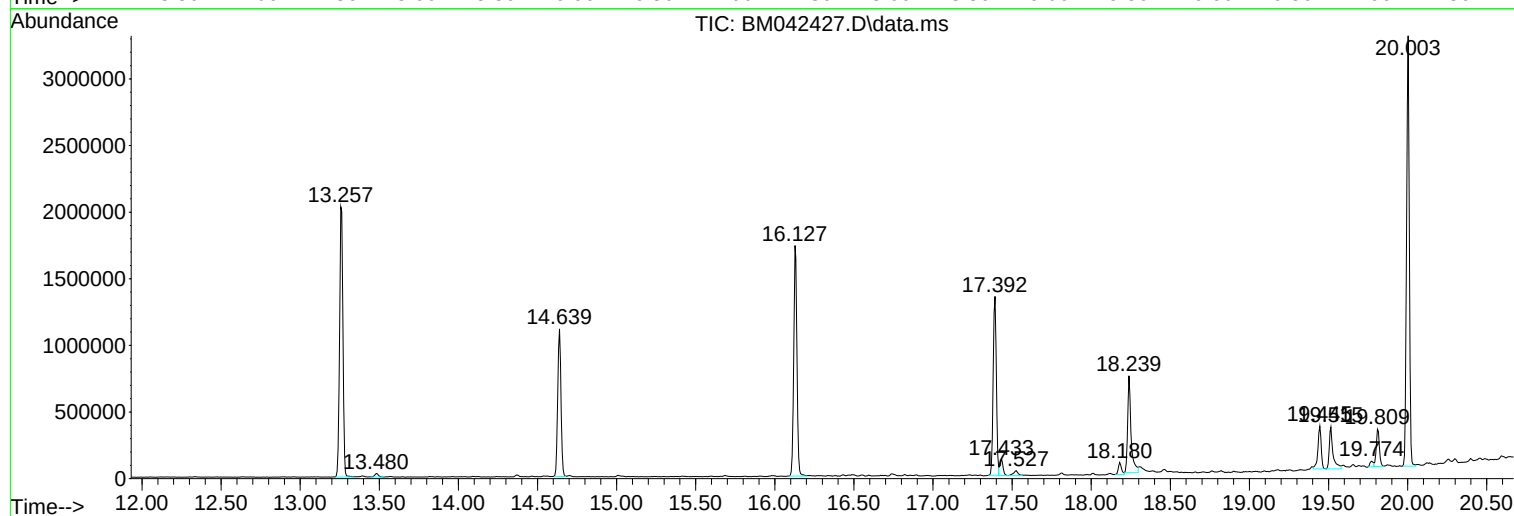
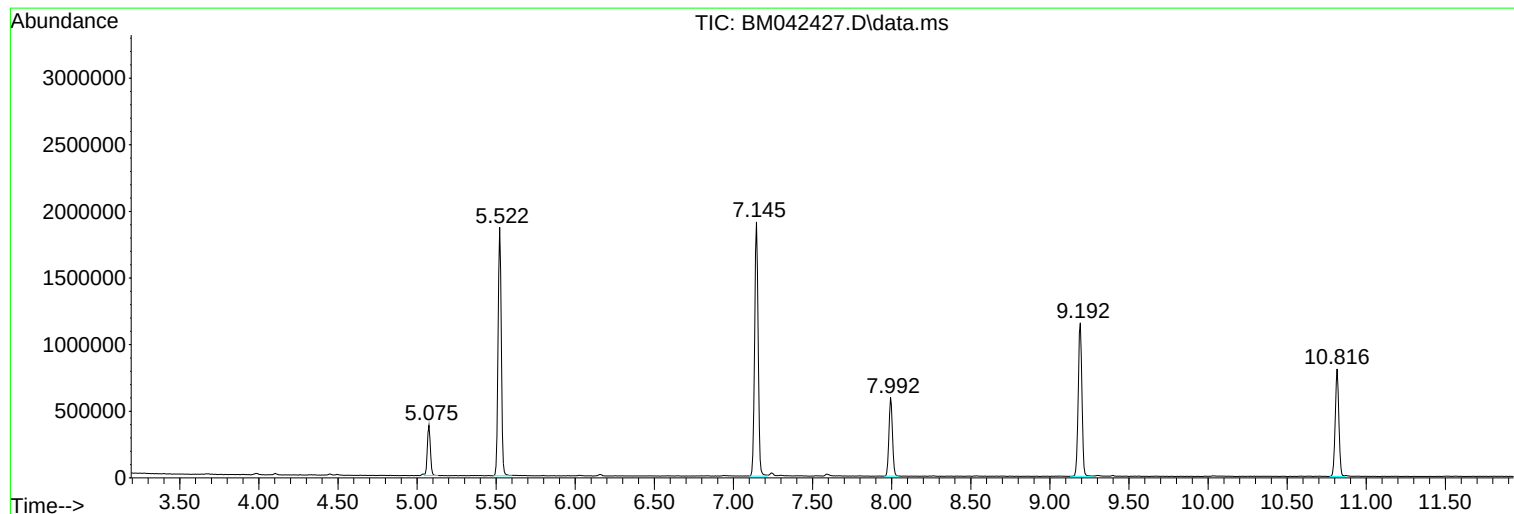
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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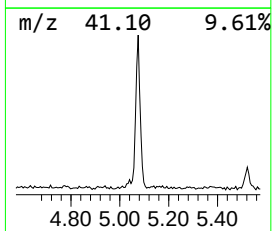
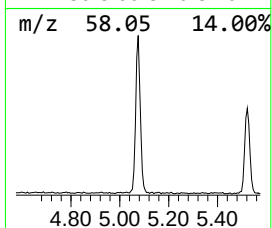
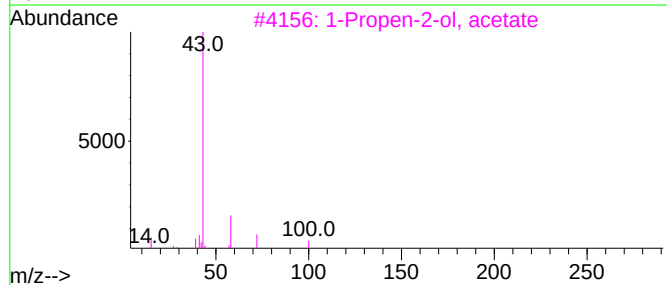
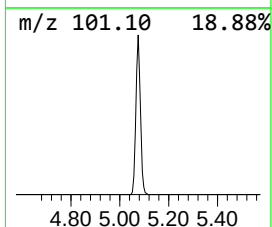
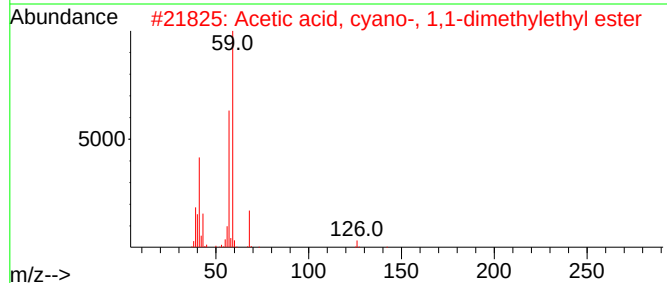
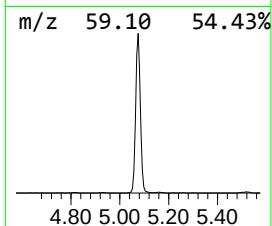
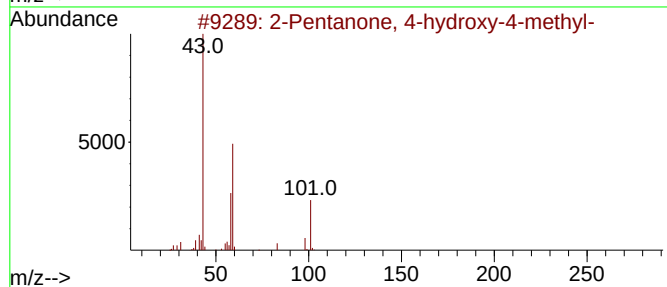
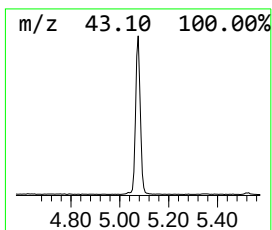
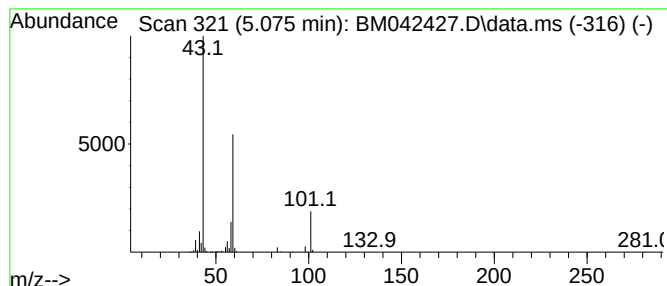
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	10.89 ng	499958	1,4-Dichlorobenzene-d4	7.992

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	32		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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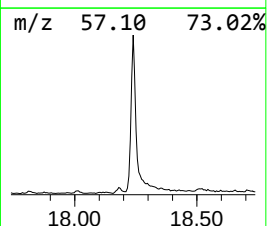
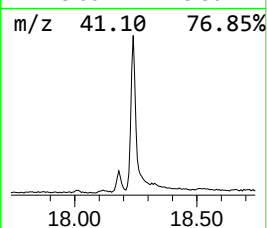
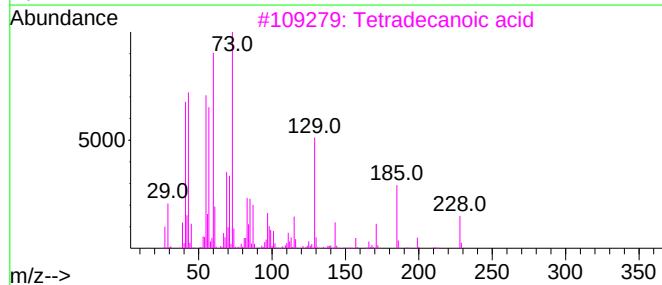
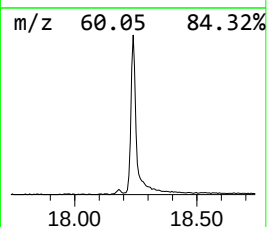
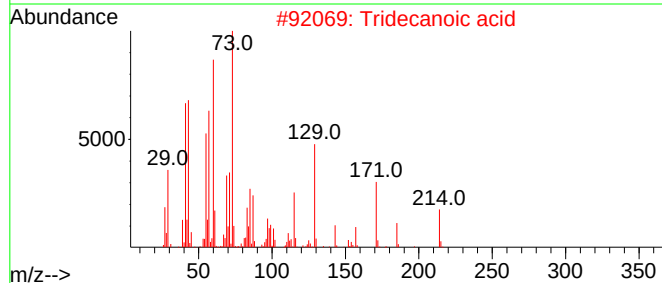
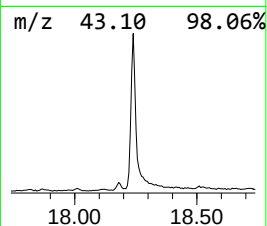
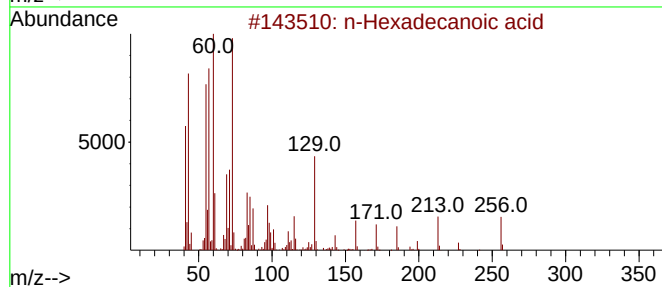
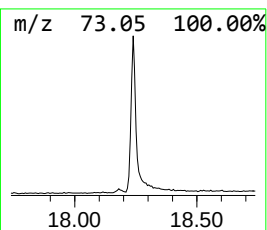
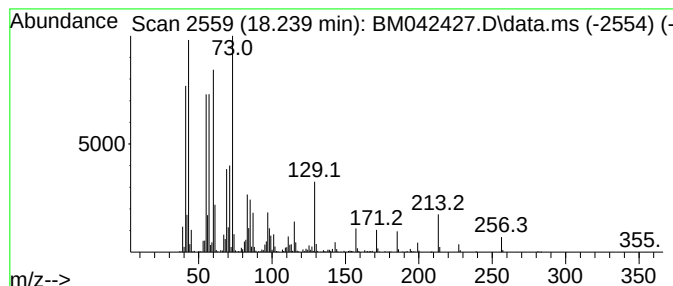
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	11.69 ng	1091020	Phenanthrene-d10	17.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	46



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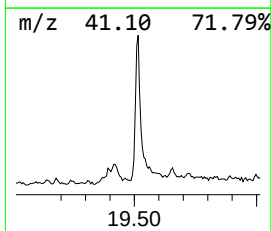
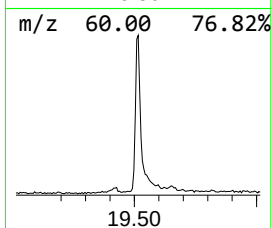
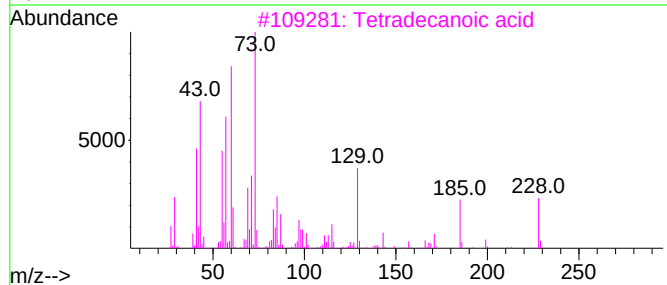
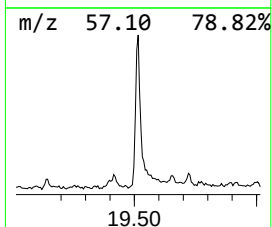
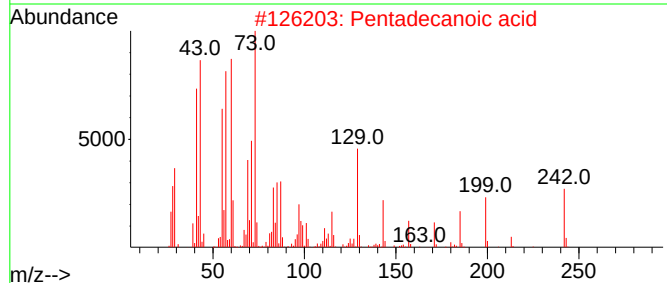
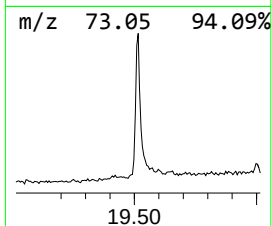
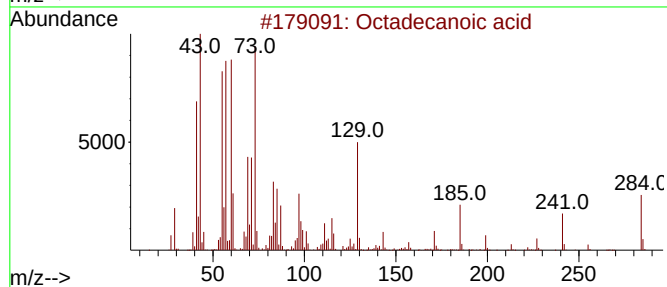
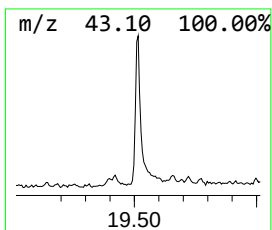
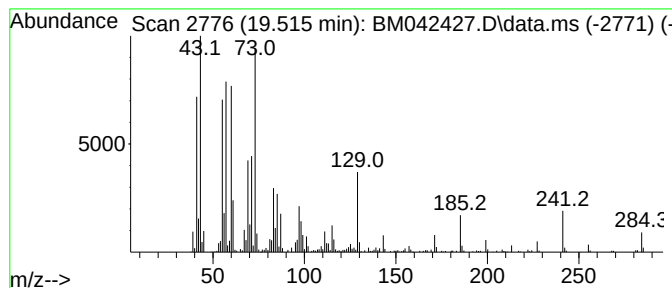
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.515	4.67 ng	512203	Chrysene-d12	21.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4			n-Decanoic acid	172	C10H20O2	000334-48-5	70
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	35



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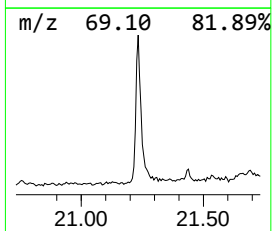
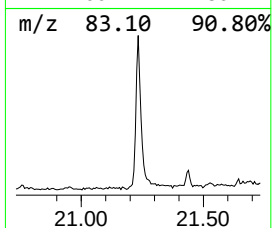
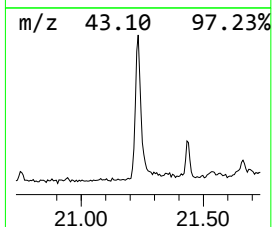
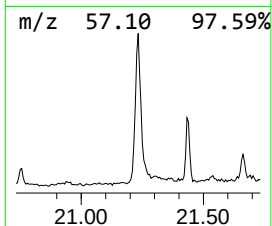
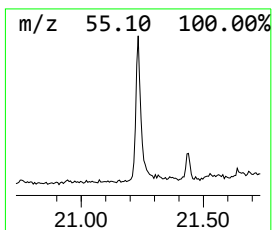
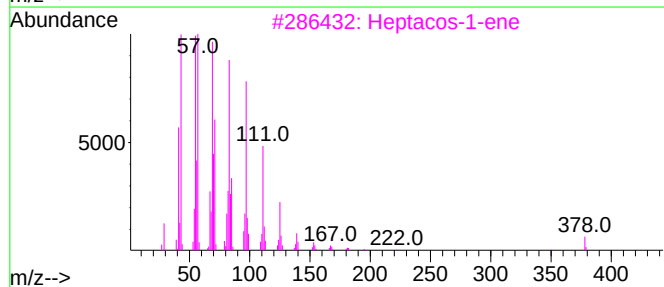
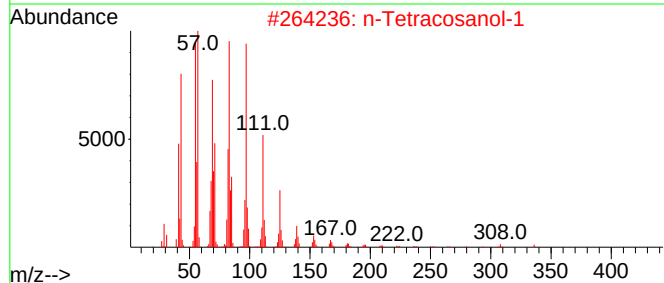
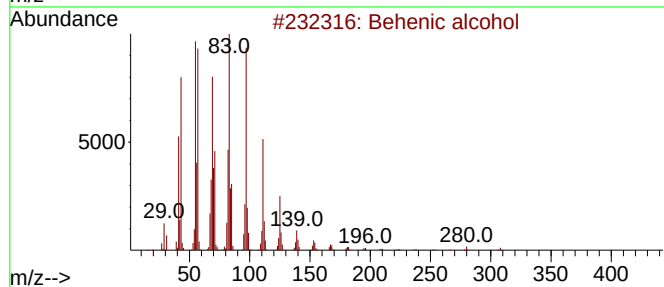
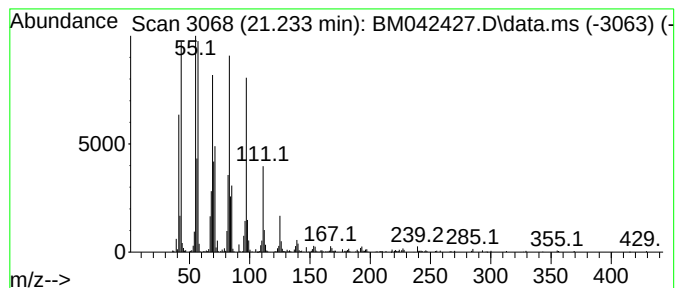
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.233	5.27 ng	578048	Chrysene-d12	21.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	94
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3			Heptacos-1-ene	378	C27H54	015306-27-1	94
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5			Pentacos-1-ene	350	C25H50	016980-85-1	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.075	10.9	ng	499958	1	7.992	917922	20.0
n-Hexadecanoic ...	18.239	11.7	ng	1091020	4	17.392	1866310	20.0
Octadecanoic acid	19.515	4.7	ng	512203	5	21.574	2192070	20.0
Behenic alcohol	21.233	5.3	ng	578048	5	21.574	2192070	20.0