

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040323\
 Data File : BM039285.D
 Acq On : 03 Apr 2023 18:50
 Operator : CG/JU
 Sample : 02140-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 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_M\Methods\8270-BM032923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039285.D\data.ms

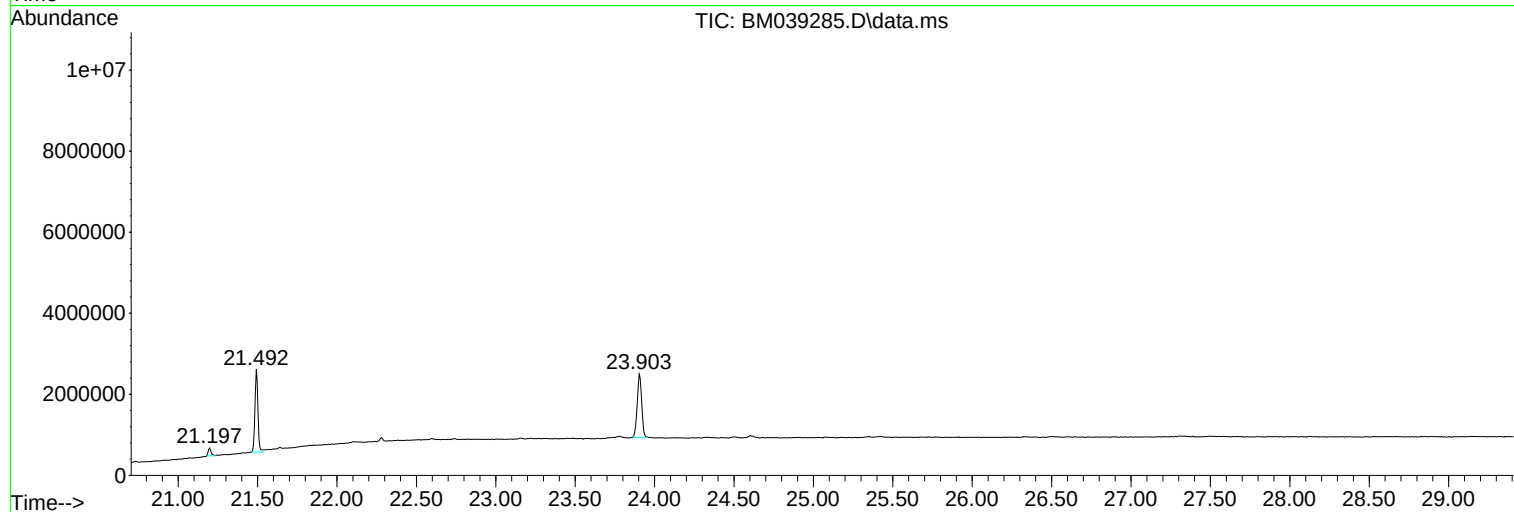
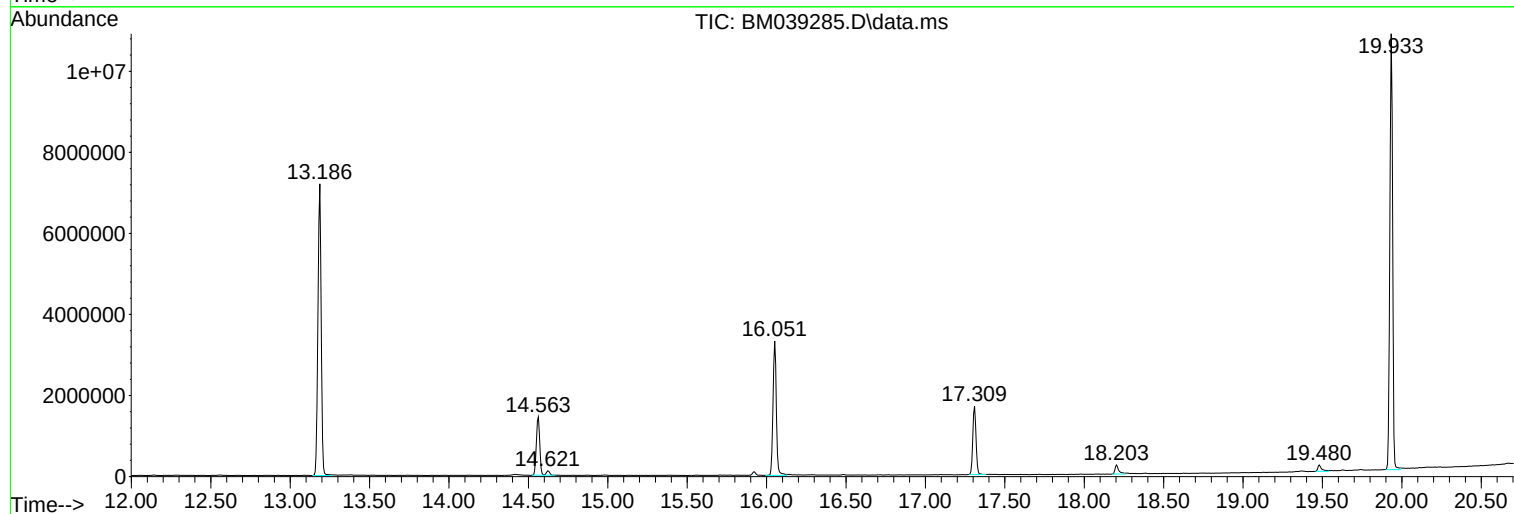
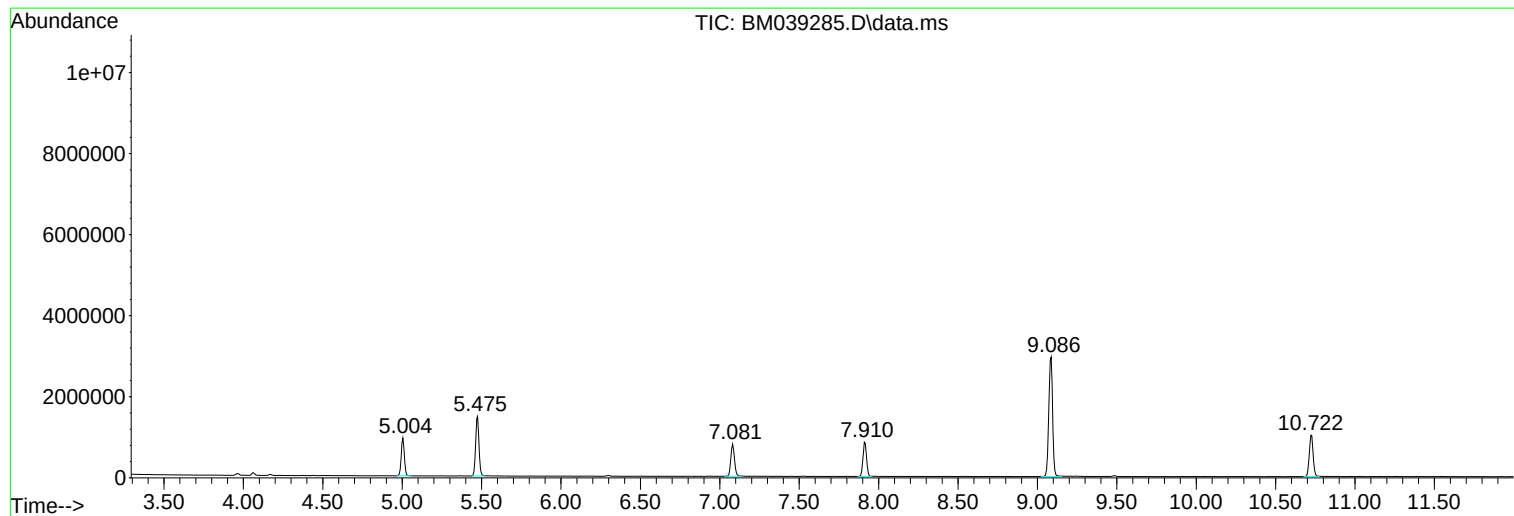
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.004	286	292	301	rVB	932797	1275140	9.80%	2.446%
2	5.475	366	372	380	rBV	1470474	2163958	16.63%	4.151%
3	7.081	636	645	655	rBV	794142	1254318	9.64%	2.406%
4	7.910	779	786	794	rBV	847265	1318948	10.14%	2.530%
5	9.086	975	986	997	rBV	2947818	4961975	38.14%	9.519%
6	10.722	1256	1264	1273	rBV	1022271	1738229	13.36%	3.335%
7	13.186	1675	1683	1696	rBV	7195297	10328738	79.38%	19.815%
8	14.563	1910	1917	1923	rBV	1438064	2095621	16.11%	4.020%
9	14.621	1923	1927	1935	rVB	109212	163161	1.25%	0.313%
10	16.051	2160	2170	2183	rBV	3317964	4810804	36.97%	9.229%
11	17.309	2378	2384	2396	rBV	1685666	2358498	18.13%	4.525%
12	18.203	2531	2536	2545	rBV	225882	380779	2.93%	0.731%
13	19.480	2749	2753	2763	rBV	160733	280984	2.16%	0.539%
14	19.933	2824	2830	2840	rBV	10757150	13011501	100.00%	24.962%
15	21.197	3042	3045	3051	rBV3	193404	246168	1.89%	0.472%
16	21.492	3090	3095	3102	rBV2	2042746	2696786	20.73%	5.174%
17	23.903	3499	3505	3514	rVB2	1562177	3039512	23.36%	5.831%

Sum of corrected areas: 52125120

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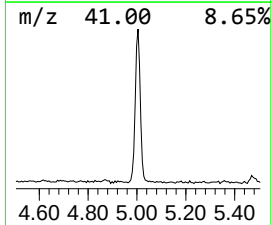
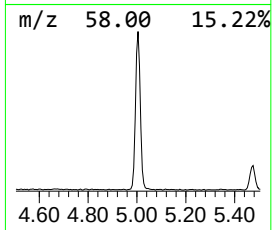
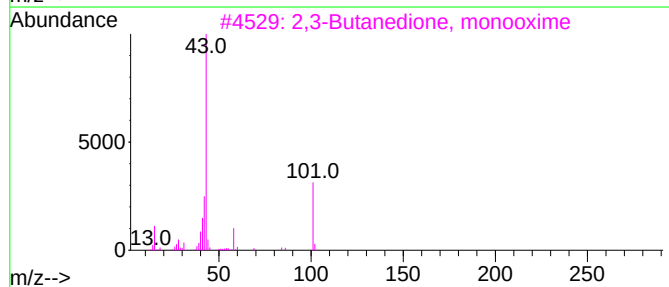
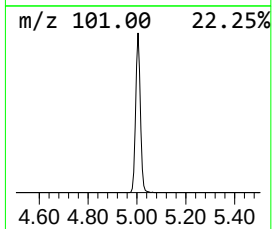
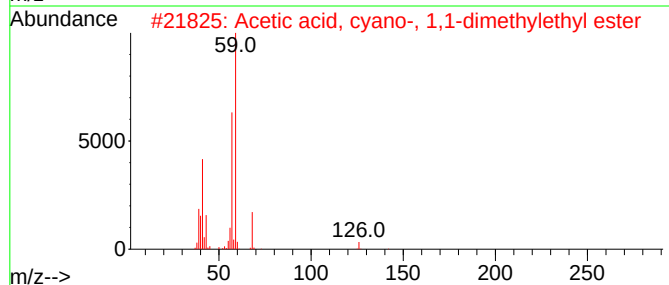
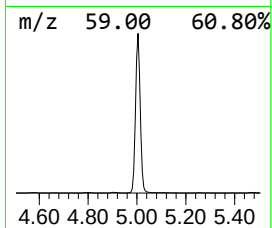
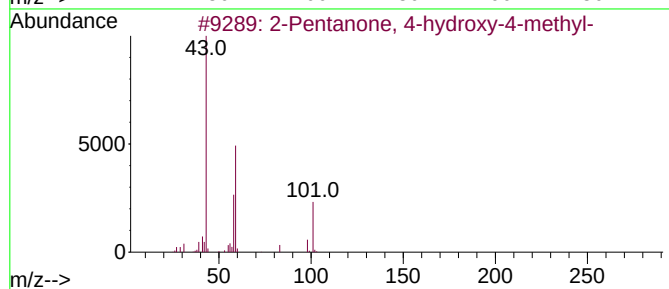
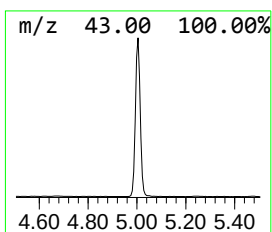
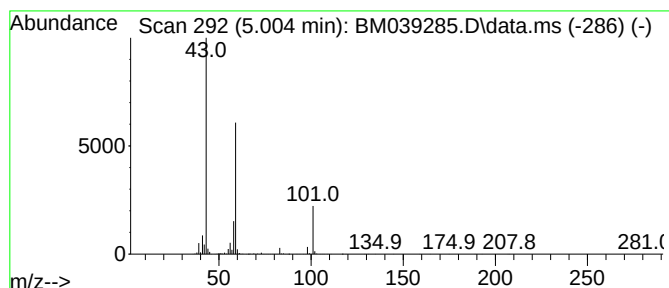
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.004	19.34 ng	1275140	1,4-Dichlorobenzene-d4	7.910

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	17		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9		



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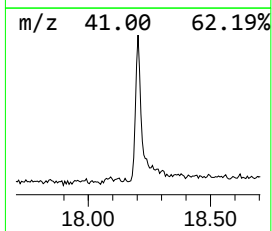
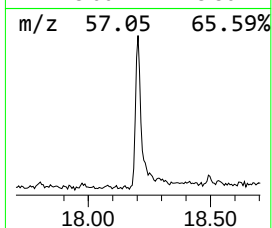
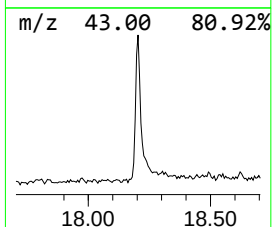
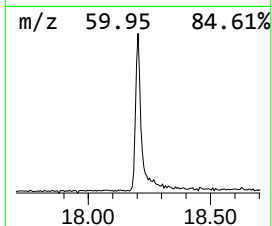
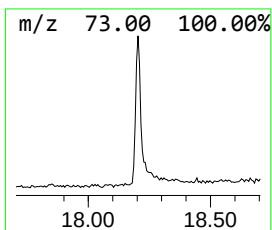
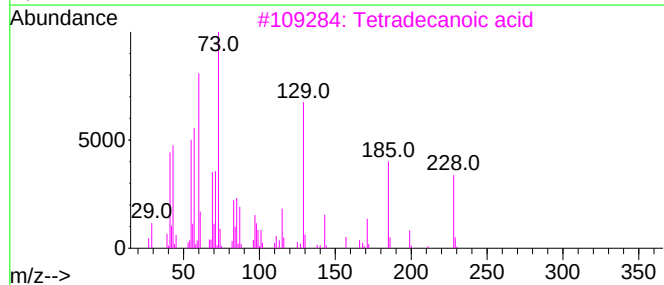
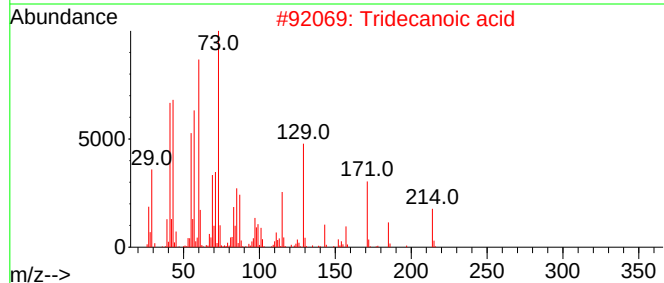
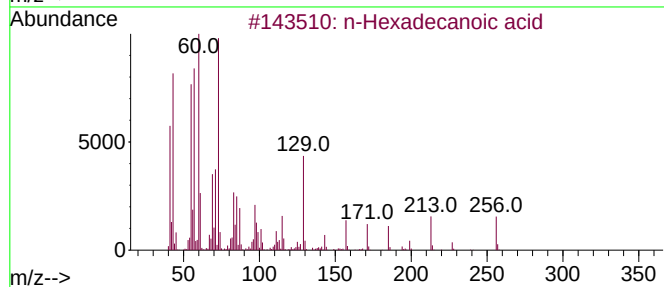
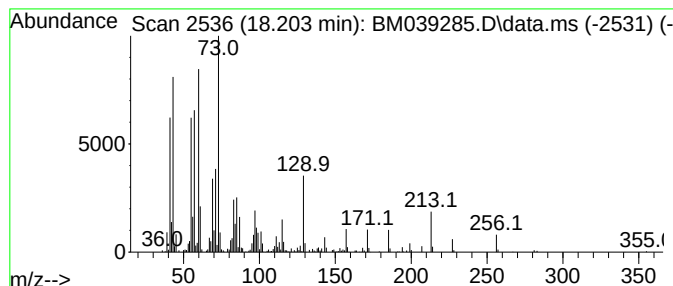
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.203	3.23 ng	380779	Phenanthrene-d10	17.309

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	93
4			Octadecanoic acid	284	C18H36O2	000057-11-4	90
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	90



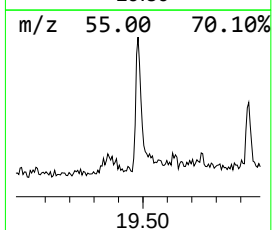
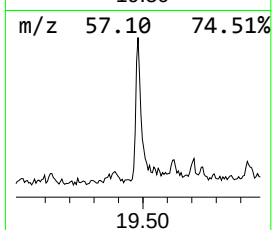
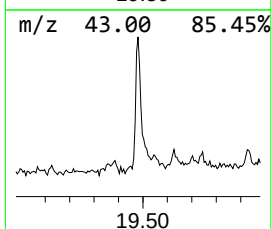
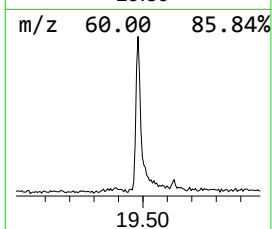
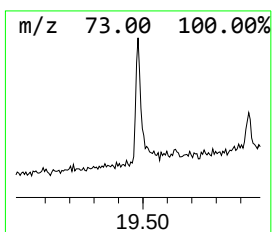
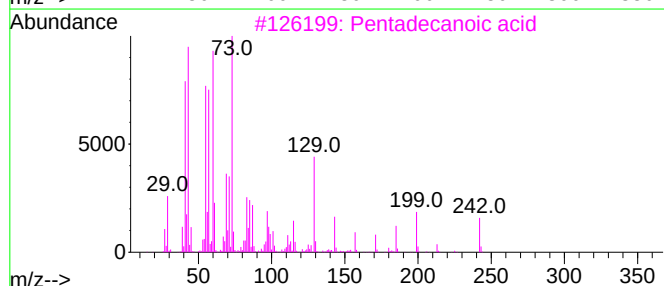
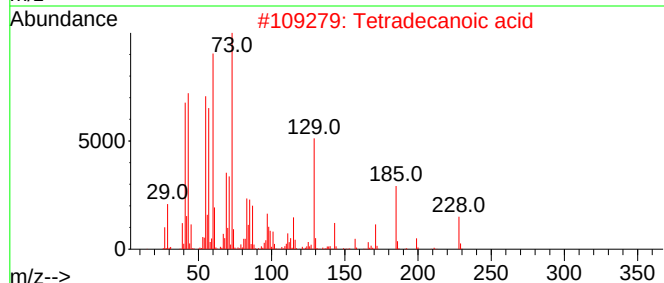
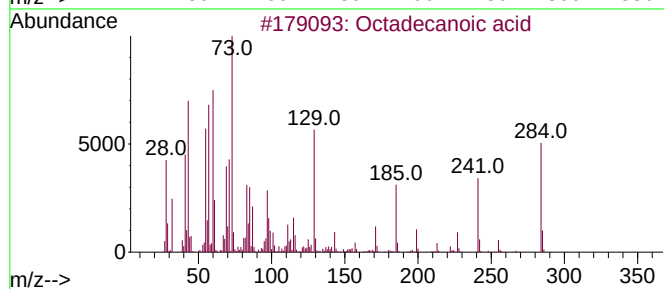
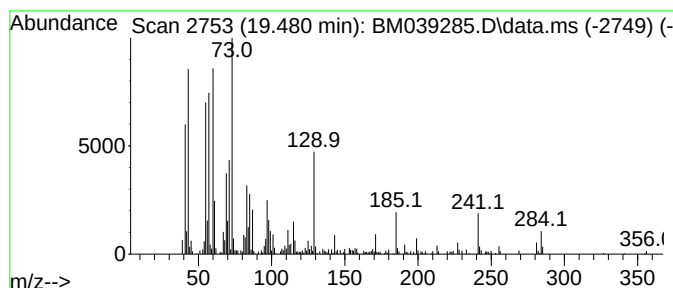
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.480	2.08 ng	280984	Chrysene-d12	21.491	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.004	19.3	ng	1275140	1	7.910	1318950	20.0
n-Hexadecanoic ...	18.203	3.2	ng	380779	4	17.309	2358500	20.0
Octadecanoic acid	19.480	2.1	ng	280984	5	21.491	2696790	20.0