

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
 Data File : BM049843.D
 Acq On : 07 Apr 2025 17:20
 Operator : RC/JU
 Sample : Q1738-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-040425

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-BM031325.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049843.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	399	405	415	rBV	825946	1252937	5.76%	1.964%
2	6.957	667	675	686	rBV	796330	1283311	5.90%	2.011%
3	7.787	809	816	823	rBV	1365635	2098657	9.65%	3.289%
4	8.940	1003	1012	1022	rBV	475476	778310	3.58%	1.220%
5	10.581	1284	1291	1299	rBV	1586206	2648336	12.18%	4.151%
6	13.045	1704	1710	1717	rBV	1342090	1936847	8.91%	3.036%
7	14.427	1938	1945	1951	rBV	2525491	3464360	15.94%	5.430%
8	15.916	2192	2198	2206	rBV	1152510	1605034	7.38%	2.516%
9	17.168	2406	2411	2418	rBV2	2704234	3847179	17.70%	6.030%
10	18.074	2559	2565	2595	rBV	5625941	10924481	50.25%	17.123%
11	19.157	2746	2749	2754	rBV	183118	230694	1.06%	0.362%
12	19.233	2759	2762	2764	rBV3	162556	227976	1.05%	0.357%
13	19.362	2777	2784	2813	rBV	12190674	21739020	100.00%	34.074%
14	19.792	2853	2857	2865	rBV	1911855	2464879	11.34%	3.864%
15	21.409	3127	3132	3138	rVB	3043358	4251492	19.56%	6.664%
16	24.415	3638	3643	3658	rVB	1933195	5045390	23.21%	7.908%

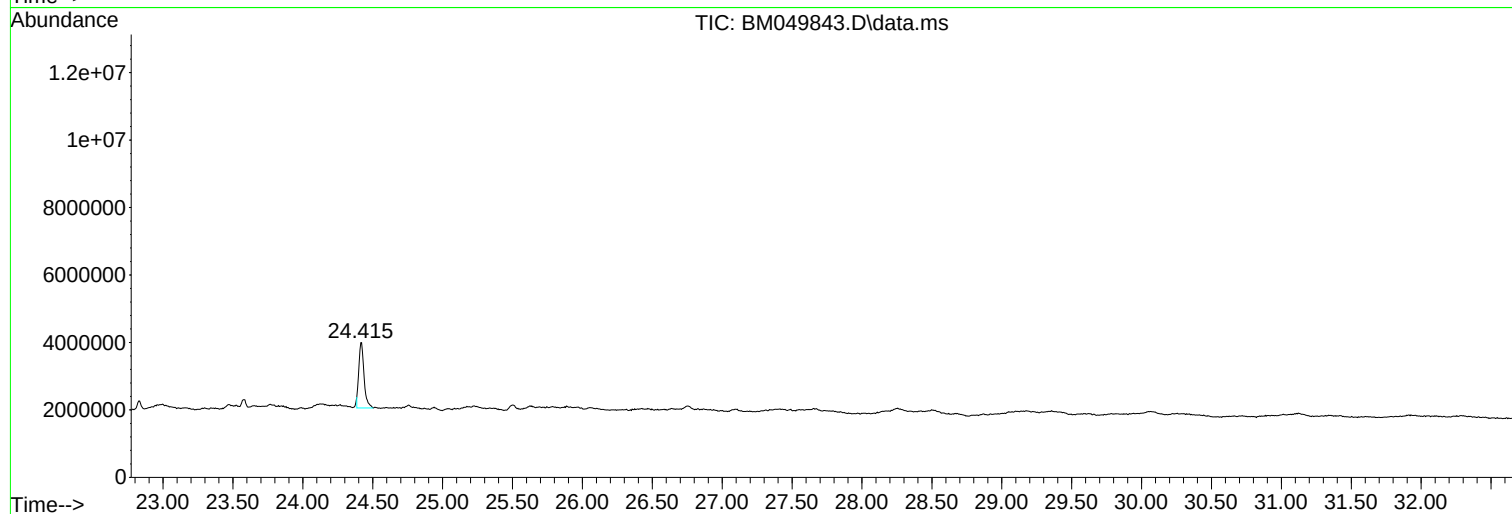
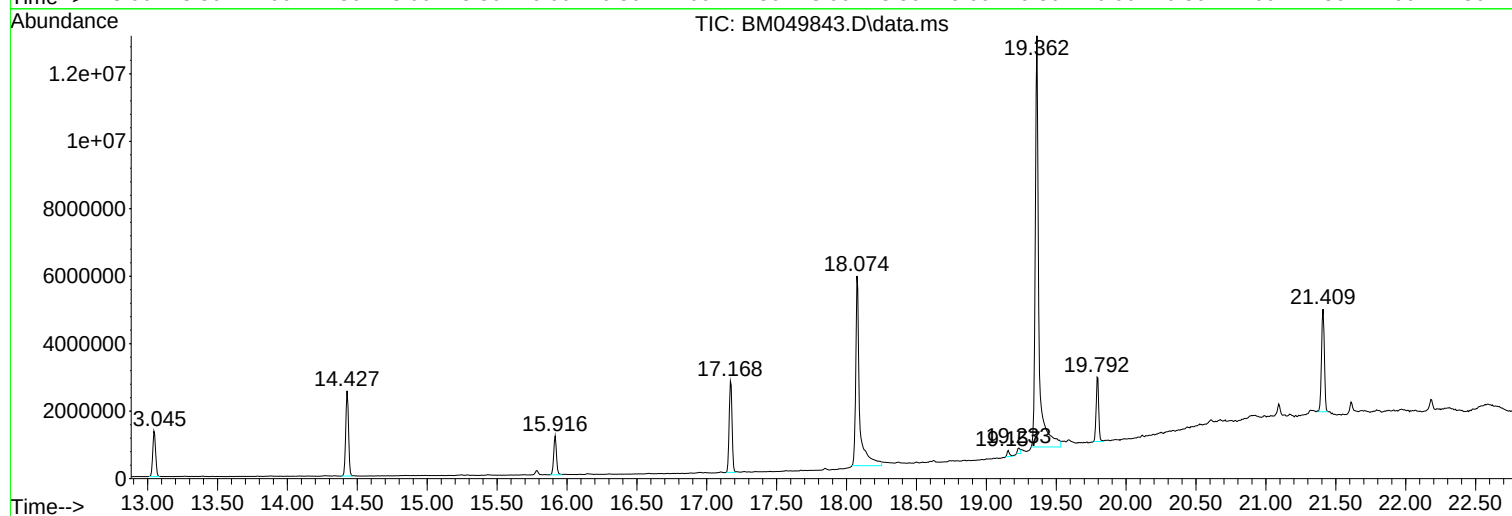
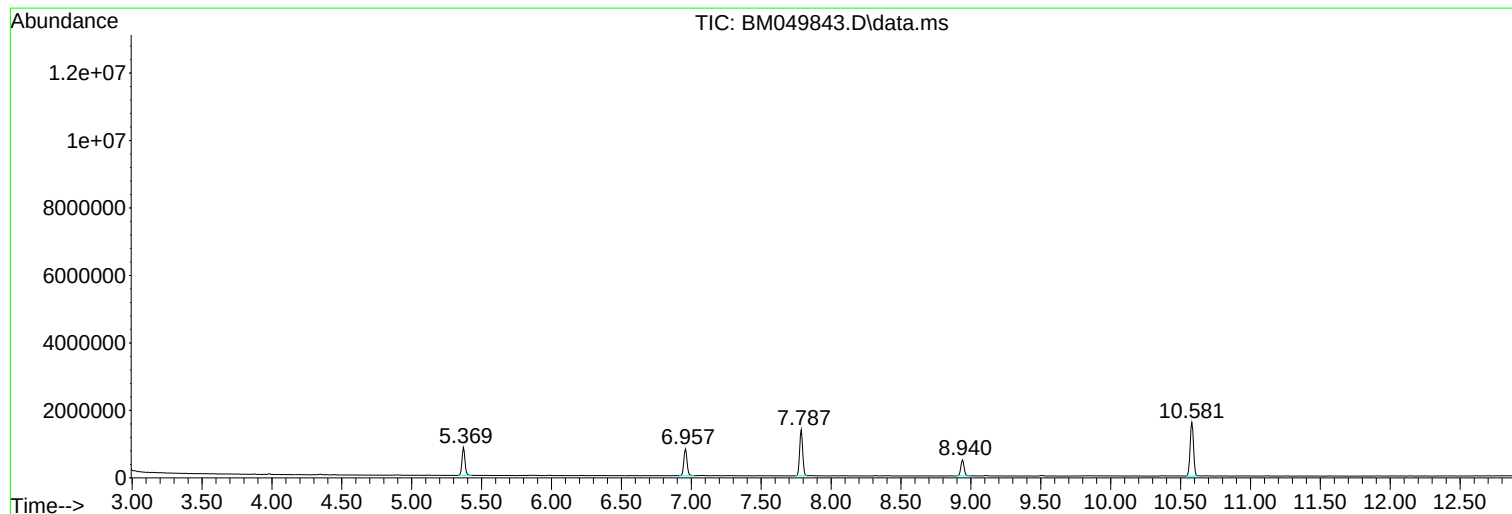
Sum of corrected areas: 63798903

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.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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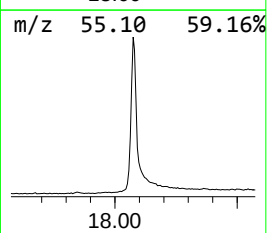
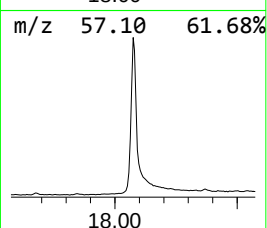
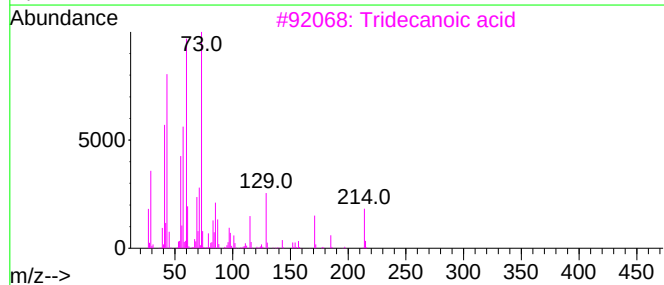
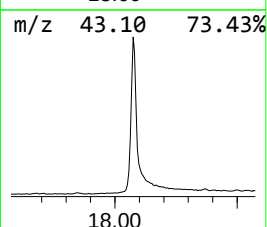
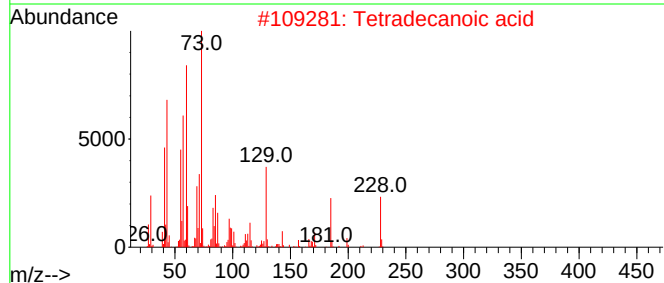
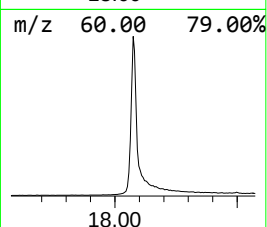
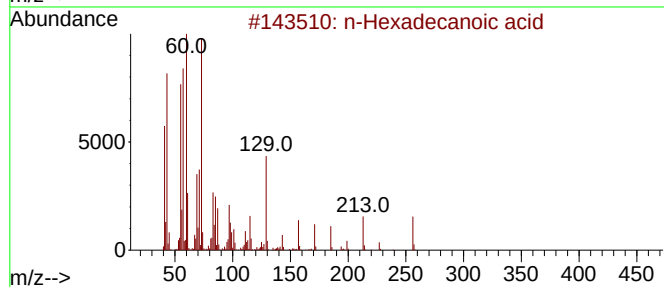
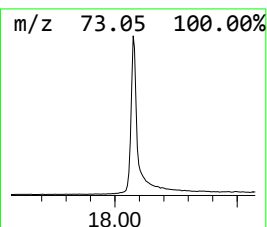
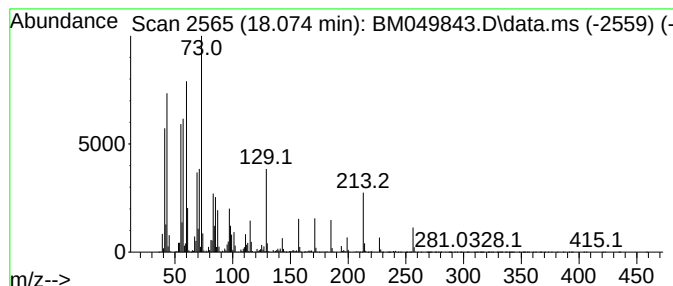
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.074	56.79 ng	10924500	Phenanthrene-d10	17.168

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3			Tridecanoic acid	214	C13H26O2	000638-53-9	91
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5			n-Decanoic acid	172	C10H20O2	000334-48-5	76



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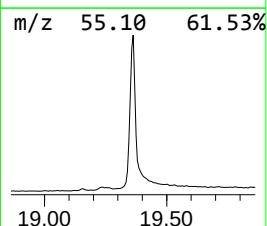
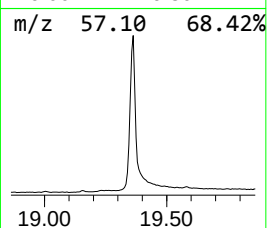
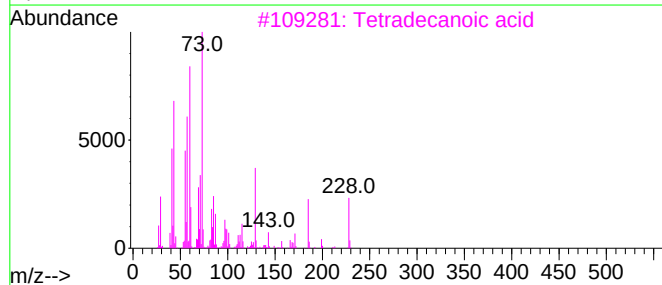
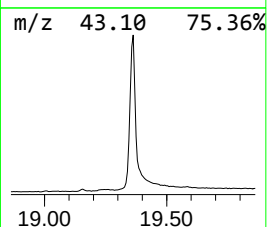
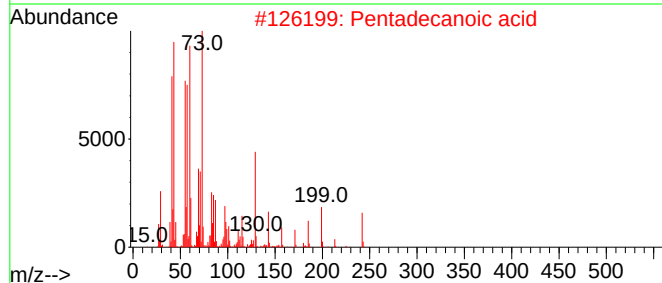
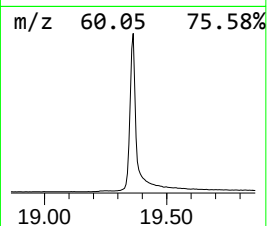
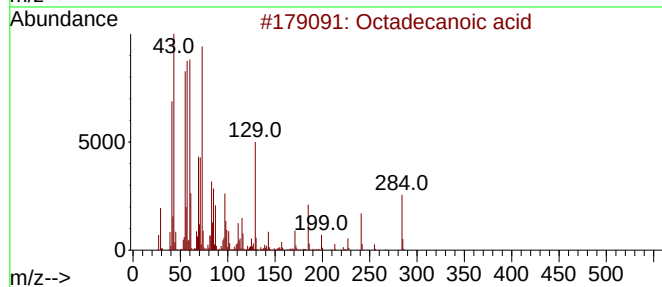
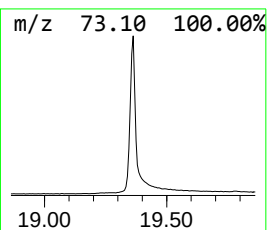
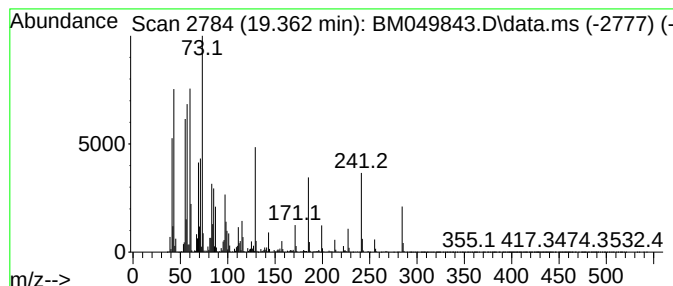
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Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.362	102.27 ng	21739000	Chrysene-d12	21.409

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	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4			n-Decanoic acid	172	C10H20O2	000334-48-5	64
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.074	56.8	ng	10924500	4	17.168	3847180	20.0
Octadecanoic acid	19.362	102.3	ng	21739000	5	21.409	4251490	20.0