

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041251.D
 Acq On : 02 Aug 2023 18:59
 Operator : MA/JU
 Sample : 03813-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PLAUDERVILLE-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-BM072823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041251.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	364	371	385	rBV	337249	532021	21.61%	2.735%
2	6.981	636	645	659	rBV	337507	584911	23.76%	3.007%
3	7.798	776	784	794	rBV	628438	994211	40.38%	5.111%
4	8.975	976	984	991	rBV	195175	355702	14.45%	1.829%
5	9.292	1033	1038	1046	rBV	36471	59503	2.42%	0.306%
6	10.604	1253	1261	1268	rBV	894028	1469114	59.67%	7.552%
7	13.080	1675	1682	1694	rBV	638094	934336	37.95%	4.803%
8	14.186	1865	1870	1877	rBV	37220	61947	2.52%	0.318%
9	14.463	1910	1917	1926	rBV	1468525	2083077	84.61%	10.709%
10	15.963	2164	2172	2181	rBV	516052	763431	31.01%	3.925%
11	16.180	2204	2209	2217	rBV	12374	34595	1.41%	0.178%
12	16.721	2297	2301	2305	rBV3	18576	27314	1.11%	0.140%
13	17.221	2380	2386	2391	rBV	1767318	2461899	100.00%	12.656%
14	17.263	2391	2393	2398	rVB	143339	177664	7.22%	0.913%
15	17.357	2405	2409	2414	rBV	66308	89733	3.64%	0.461%
16	17.427	2418	2421	2425	rVB	17803	24924	1.01%	0.128%
17	17.639	2454	2457	2463	rVB	23148	39165	1.59%	0.201%
18	18.121	2532	2539	2555	rBV2	390872	756899	30.74%	3.891%
19	18.233	2555	2558	2564	rVB2	33562	49768	2.02%	0.256%
20	18.292	2564	2568	2574	rBV2	46593	104985	4.26%	0.540%
21	18.421	2585	2590	2594	rBV5	81093	118693	4.82%	0.610%
22	18.657	2627	2630	2636	rVB	47515	68177	2.77%	0.350%
23	19.021	2689	2692	2697	rBV3	35643	63947	2.60%	0.329%
24	19.292	2733	2738	2744	rBV	524304	703897	28.59%	3.619%
25	19.404	2753	2757	2761	rBV	210356	288664	11.73%	1.484%
26	19.627	2791	2795	2796	rBV2	72187	95075	3.86%	0.489%
27	19.656	2796	2800	2808	rVB	458364	647788	26.31%	3.330%
28	19.856	2829	2834	2839	rBV	1046082	1225204	49.77%	6.298%
29	20.498	2940	2943	2947	rBV	195739	237012	9.63%	1.218%
30	21.427	3095	3101	3105	rBV2	1677458	2445788	99.35%	12.573%
31	21.462	3105	3107	3115	rVB	328205	345769	14.04%	1.778%
32	23.797	3499	3504	3510	rVB	889926	1607102	65.28%	8.262%

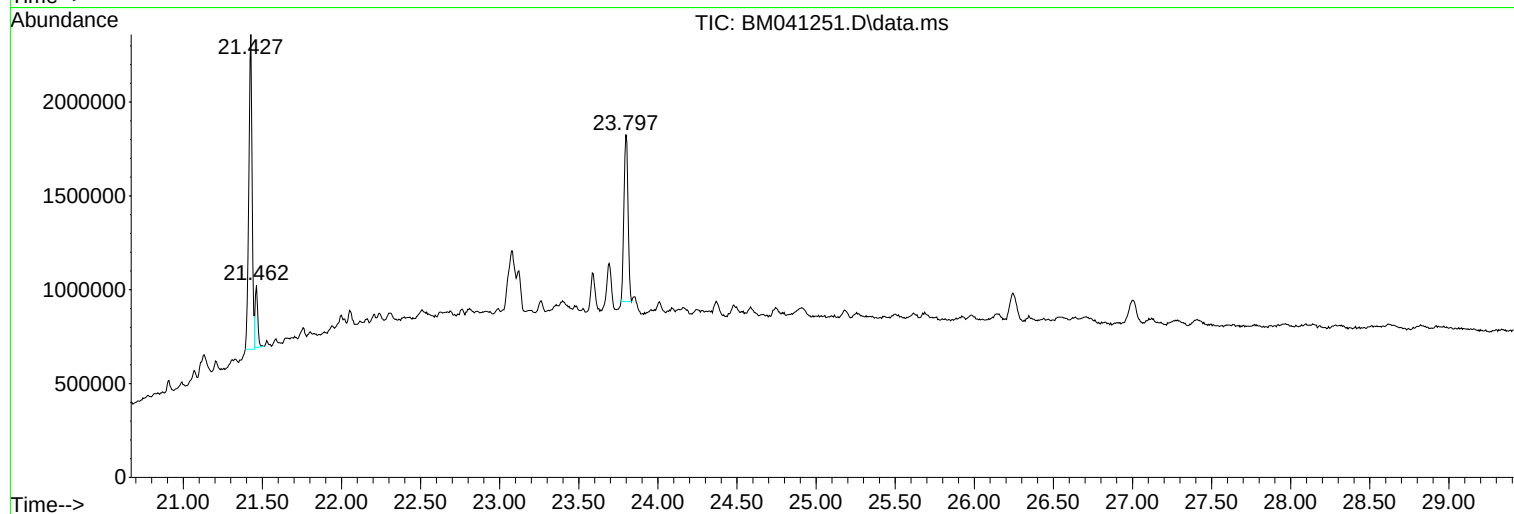
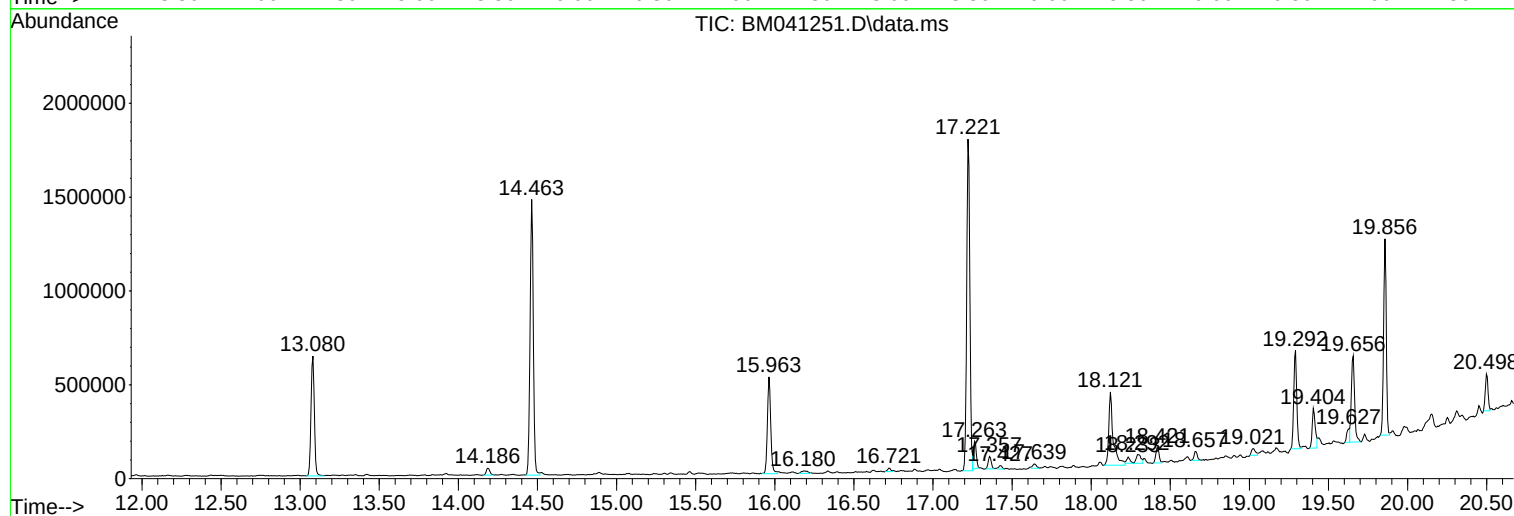
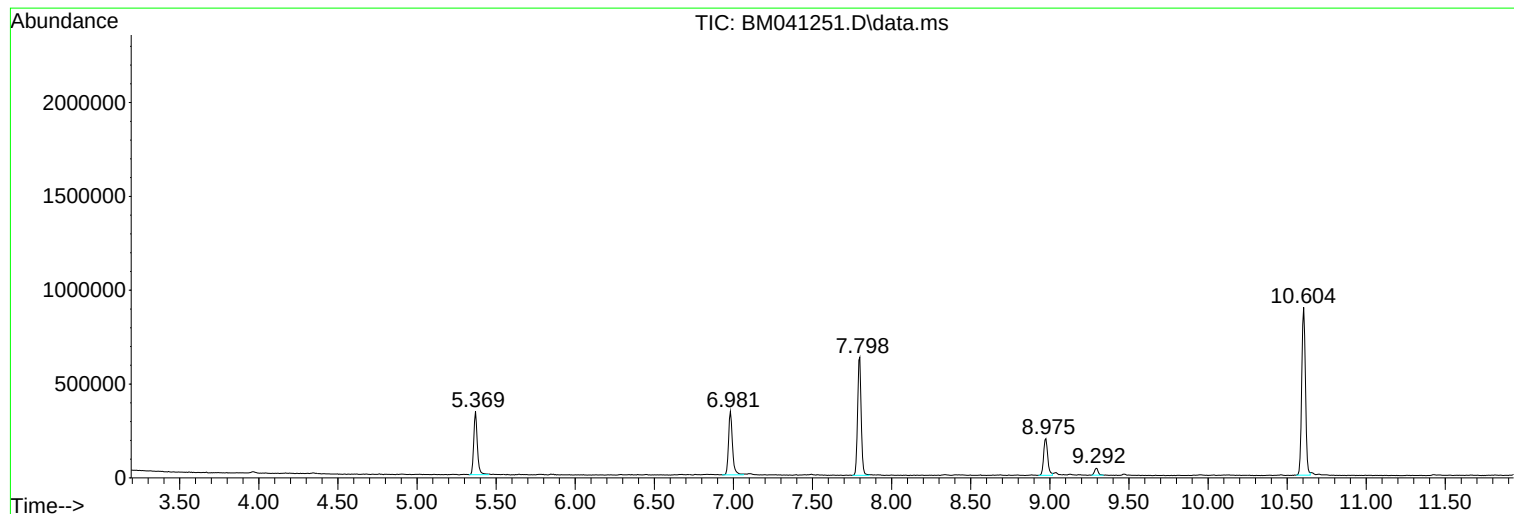
Sum of corrected areas: 19452315

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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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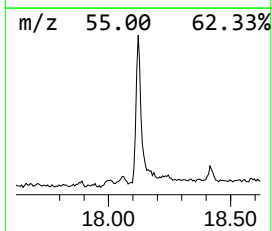
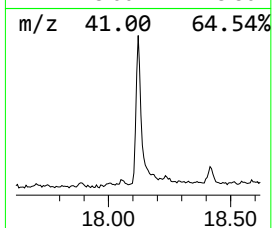
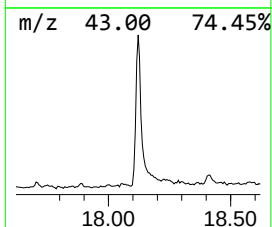
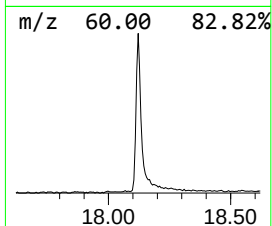
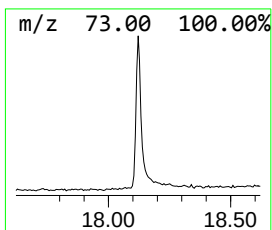
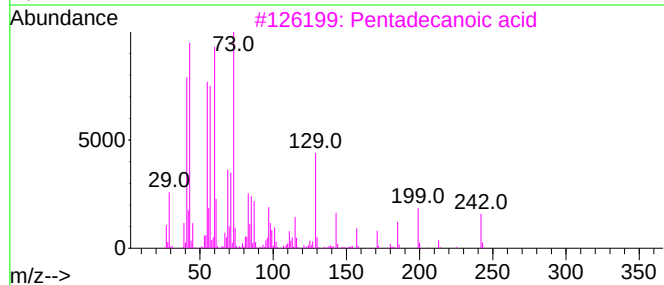
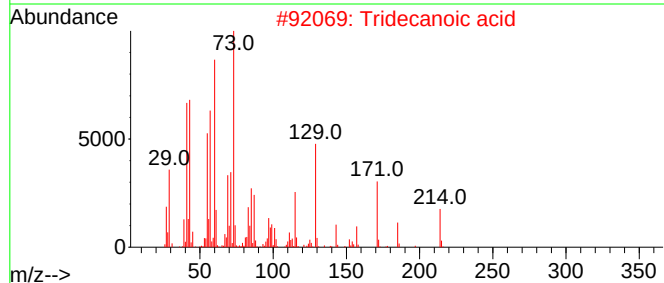
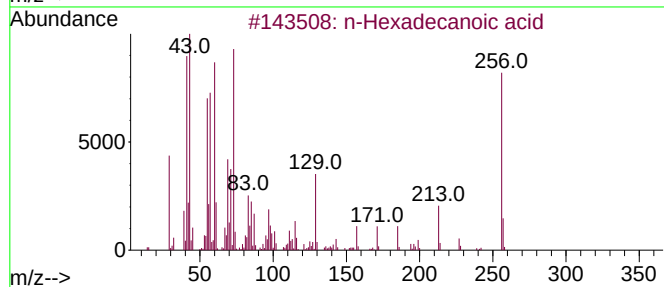
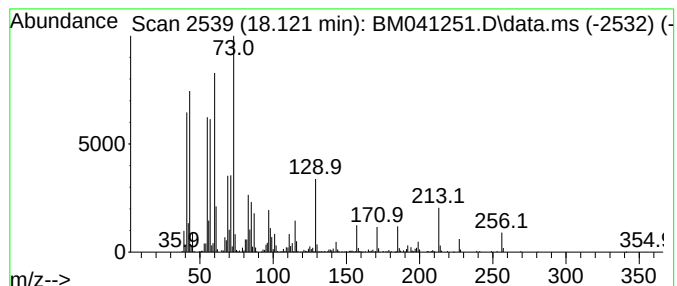
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	6.15 ng	756899	Phenanthrene-d10	17.221

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			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5			Isopropyl palmitate	298	C19H38O2	000142-91-6	50



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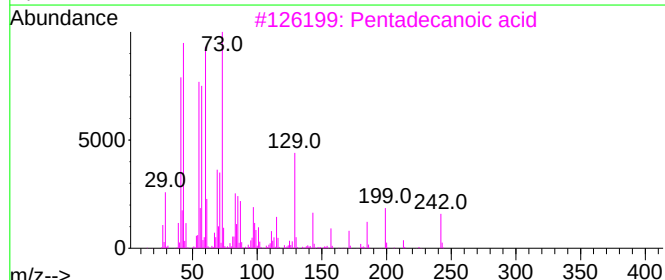
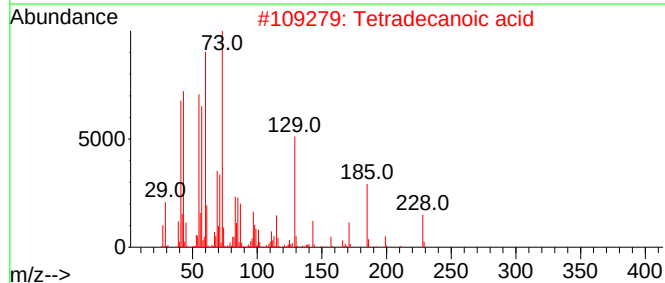
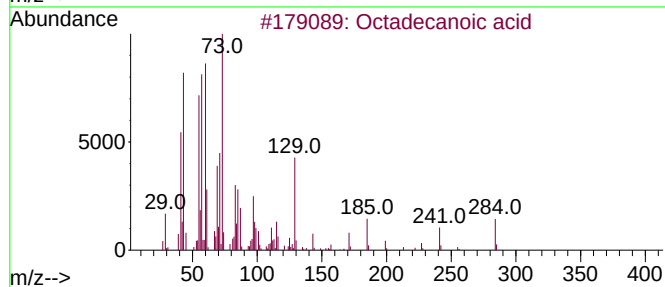
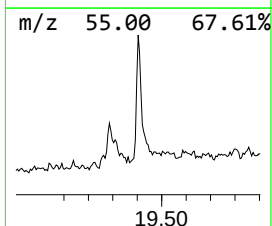
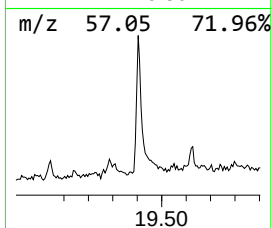
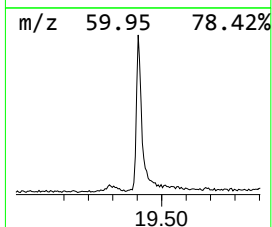
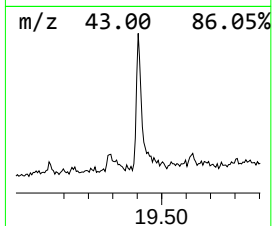
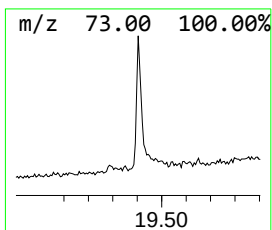
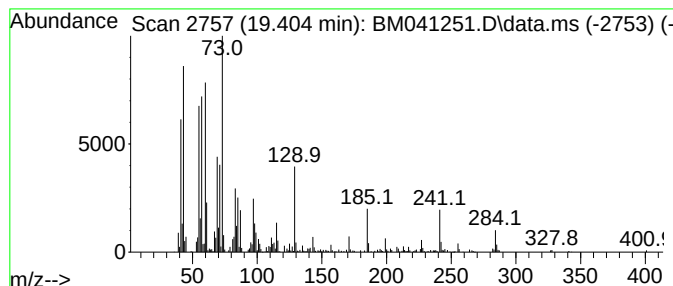
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	2.36 ng	288664	Chrysene-d12	21.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	96
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tridecanoic acid	214	C13H26O2	000638-53-9	81
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.121	6.2	ng	756899	4	17.221	2461900	20.0
Octadecanoic acid	19.404	2.4	ng	288664	5	21.427	2445790	20.0