

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
 Data File : BM047239.D
 Acq On : 16 Aug 2024 17:51
 Operator : RC/JU
 Sample : P3615-05 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-03-081424

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-BM081024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047239.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.275	62	66	73	rBV	40496	64418	1.96%	0.232%
2	4.575	281	287	294	rVB	73639	109218	3.33%	0.393%
3	5.022	356	363	377	rBV	1175300	1677332	51.14%	6.029%
4	5.416	424	430	438	rBV4	20059	47768	1.46%	0.172%
5	6.581	621	628	641	rVB	1006095	1608213	49.03%	5.780%
6	7.022	695	703	711	rBV10	20867	63222	1.93%	0.227%
7	7.369	754	762	770	rBV	1046023	1625516	49.56%	5.842%
8	8.510	949	956	966	rBV	652284	1047321	31.93%	3.764%
9	10.122	1220	1230	1236	rBV	1220840	2030604	61.91%	7.298%
10	10.169	1236	1238	1244	rVB	38160	53011	1.62%	0.191%
11	10.881	1354	1359	1367	rBV	45110	95700	2.92%	0.344%
12	12.633	1650	1657	1671	rBV	1503083	2210831	67.40%	7.946%
13	14.027	1887	1894	1901	rBV	1649990	2473958	75.42%	8.892%
14	14.263	1928	1934	1935	rBV5	25051	37847	1.15%	0.136%
15	14.921	2042	2046	2050	rBV2	26936	37837	1.15%	0.136%
16	15.533	2144	2150	2160	rBV	1124514	1596478	48.67%	5.738%
17	15.792	2190	2194	2196	rBV2	40948	57747	1.76%	0.208%
18	16.586	2325	2329	2334	rBV2	55642	80515	2.45%	0.289%
19	16.639	2335	2338	2343	rVB2	38878	55101	1.68%	0.198%
20	16.786	2358	2363	2369	rBV	1907053	2720414	82.94%	9.778%
21	16.827	2369	2370	2376	rVB	67788	69851	2.13%	0.251%
22	17.327	2452	2455	2459	rVB	59631	69019	2.10%	0.248%
23	17.727	2518	2523	2532	rBV	477619	825753	25.17%	2.968%
24	18.015	2570	2572	2578	rVB	70501	82181	2.51%	0.295%
25	18.868	2714	2717	2720	rBV	99474	107400	3.27%	0.386%
26	19.027	2740	2744	2753	rBV	286878	505540	15.41%	1.817%
27	19.456	2812	2817	2825	rBV	2158380	2679094	81.68%	9.629%
28	21.027	3079	3084	3089	rBV	1898852	2510746	76.54%	9.024%
29	23.727	3538	3543	3560	rVB	1396070	3280163	100.00%	11.789%

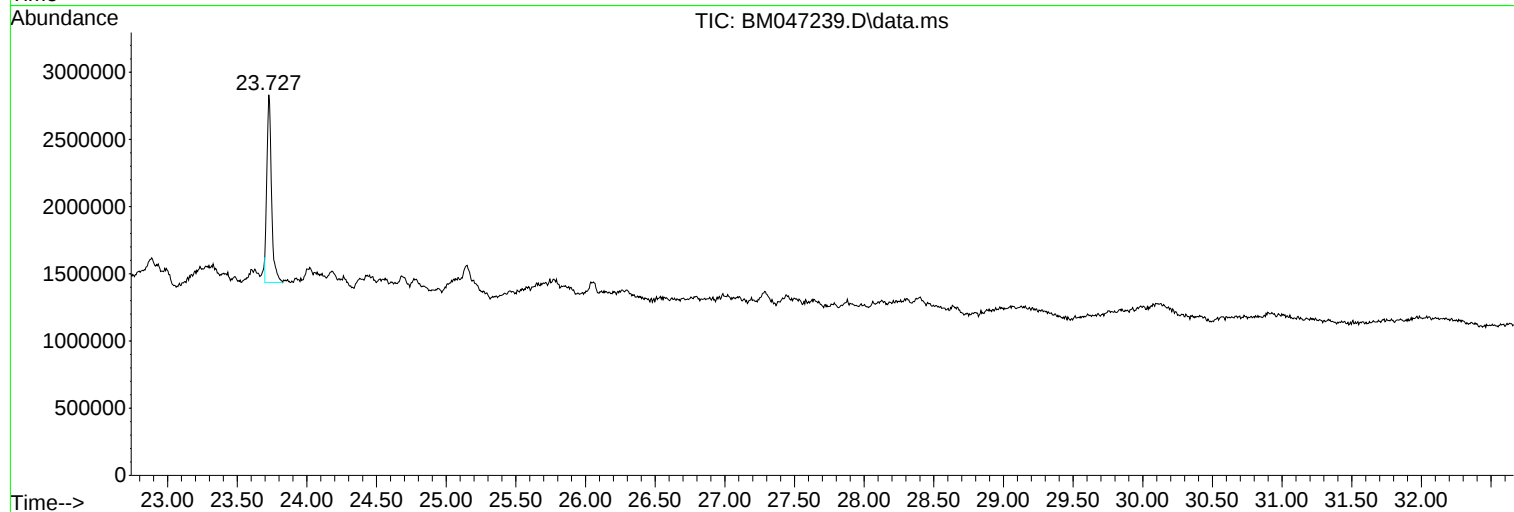
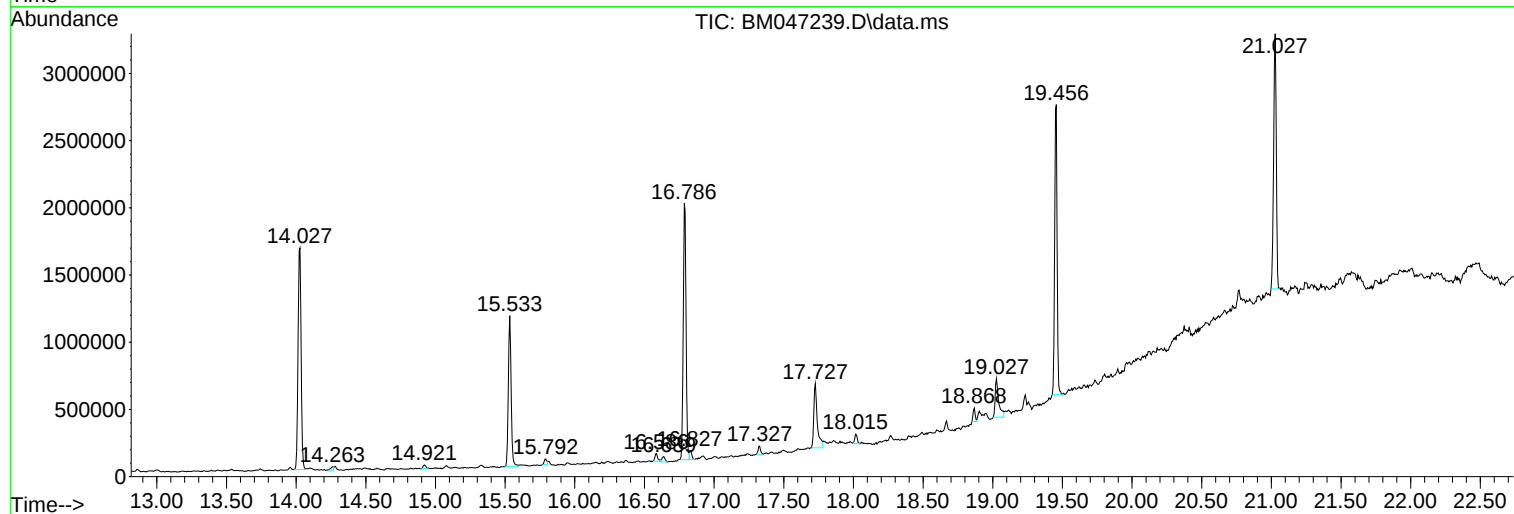
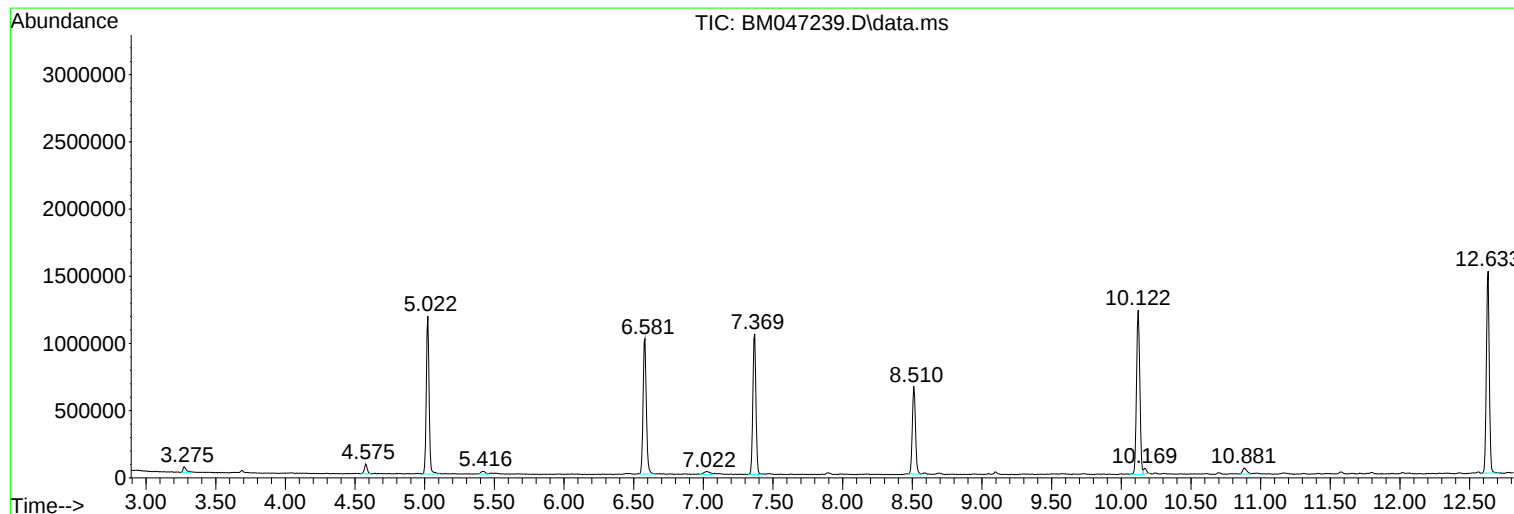
Sum of corrected areas: 27822798

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.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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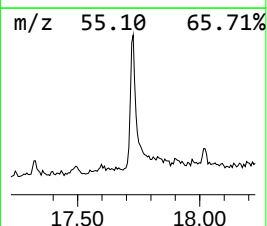
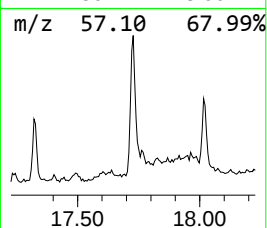
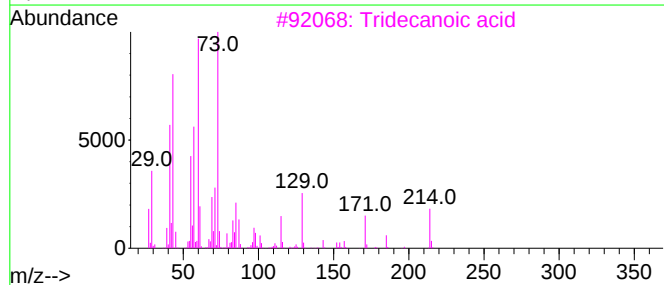
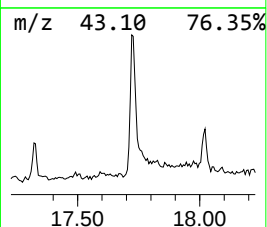
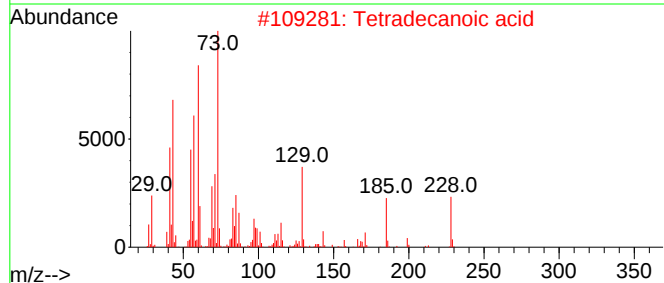
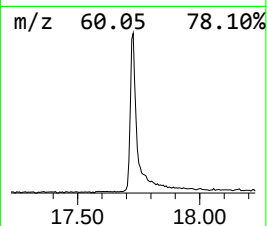
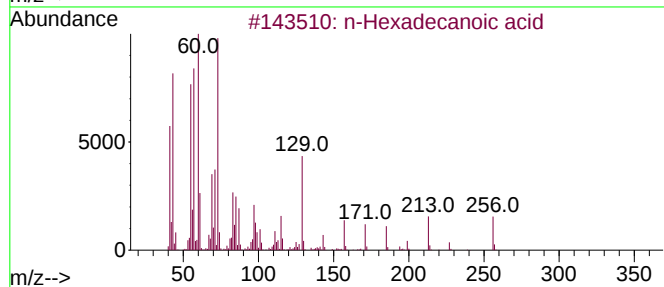
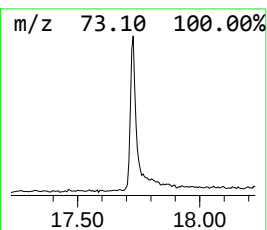
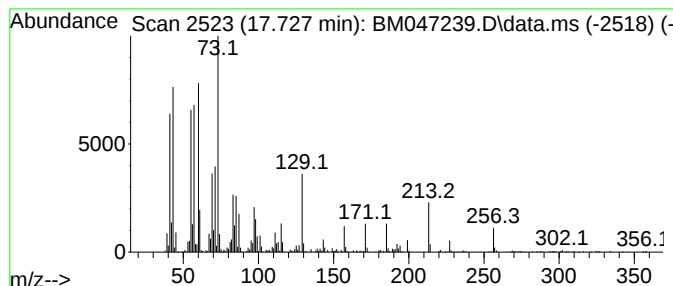
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.727	6.07 ng	825753	Phenanthrene-d10	16.786

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	94
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			Octadecanoic acid	284	C18H36O2	000057-11-4	87
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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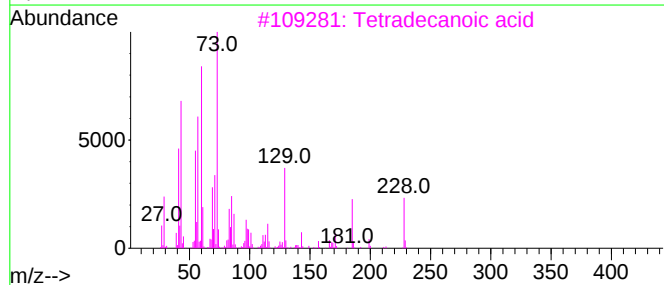
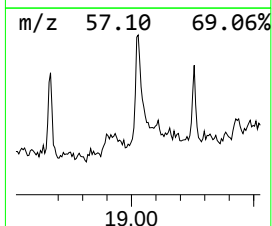
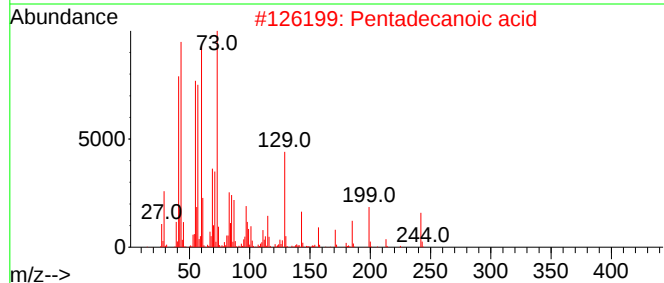
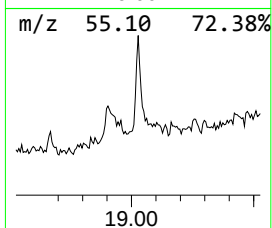
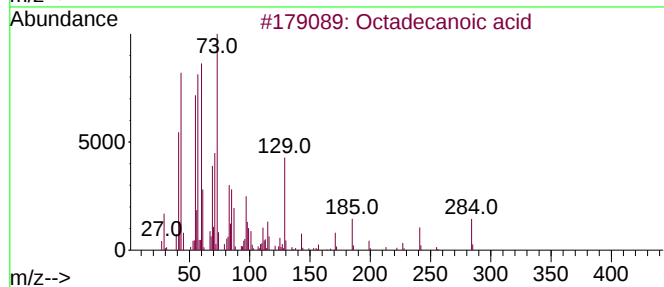
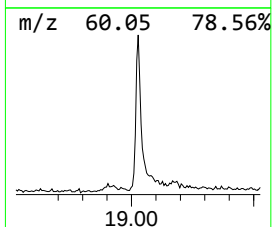
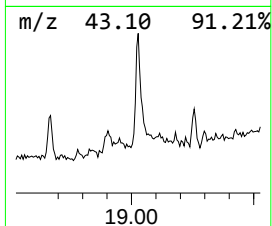
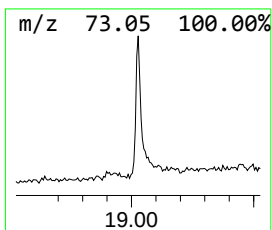
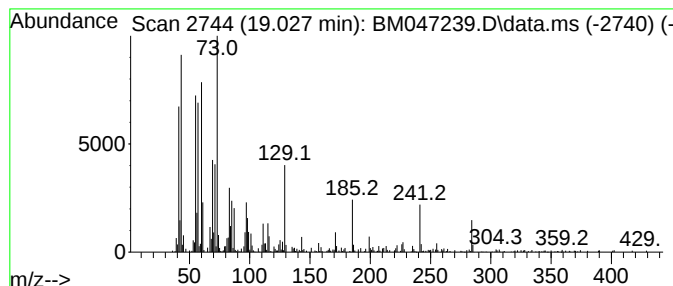
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	4.03 ng	505540	Chrysene-d12	21.027

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	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.727	6.1	ng	825753	4	16.786	2720410	20.0
Octadecanoic acid	19.027	4.0	ng	505540	5	21.027	2510750	20.0