LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031722.D
Acq On : 30 May 2024 18:59
Operator : MA/JU
Sample : P2569-07DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH647DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_N\Methods\SFAM-EPA-BN052924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN031722.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.705	118	122	127	rVB2	24840	32117	0.10%	0.042%
2	3.917	154	158	164	rVB	63415	90017	0.28%	0.117%
3	4.134	189	195	203	rBV	70446	110733	0.35%	0.144%
4	4.369	229	235	242	rBV	20609	44137	0.14%	0.057%
5	4.534	258	263	272	rBV	58591	85410	0.27%	0.111%
6	6.852	648	657	663	rBV2	103166	185635	0.58%	0.241%
7	7.022	681	686	695	rVB	99468	163841	0.51%	0.213%
8	7.216	713	719	726	rBV	116819	197544	0.62%	0.257%
9	7.687	791	799	805	rBV	1451613	2324023	7.25%	3.018%
10	7.746	805	809	817	rVB	60596	97172	0.30%	0.126%
11	8.387	912	918	927	rBV	94665	167504	0.52%	0.218%
12	8.840	989	995	1001	rBV	112345	180452	0.56%	0.234%
13	9.557	1110	1117	1123	rBV	73203	124440	0.39%	0.162%
14	10.087	1201	1207	1214	rVB	131417	224943	0.70%	0.292%
15	10.469	1264	1272	1280	rBV	2210968	3766532	11.75%	4.892%
16	10.610	1290	1296	1308	rVB	74960	143945	0.45%	0.187%
17	13.740	1822	1828	1834	rBV	312484	433663	1.35%	0.563%
18	14.016	1865	1875	1880	rBV	337333	550230	1.72%	0.715%
19	14.063	1880	1883	1889	rVB4	49470	70022	0.22%	0.091%
20	14.328	1920	1928	1937	rBV	3866877	5735926	17.89%	7.450%
21	14.528	1957	1962	1971	rBV3	55412	111600	0.35%	0.145%
22	14.792	2003	2007	2019	rBV3	15148	40355	0.13%	0.052%
23	15.322	2090	2097	2103	rBV	477107	701822	2.19%	0.912%
24	15.439	2113	2117	2125	rVB	62161	92805	0.29%	0.121%
25	16.222	2244	2250	2256	rVB4	21089	42279	0.13%	0.055%
26	17.004	2378	2383	2388	rBV6	27486	50599	0.16%	0.066%
27	17.075	2388	2395	2400	rVV	4954113	7110165	22.17%	9.235%
28	17.116	2400	2402	2406	rVV	144192	167196	0.52%	0.217%
29	17.169	2406	2411	2421	rVB	485997	725648	2.26%	0.942%
30	17.469	2456	2462	2470	rBV2	67271	139626	0.44%	0.181%
31	17.751	2506	2510	2515	rBV2	79105	99299	0.31%	0.129%
32	17.980	2545	2549	2564	rVV3	444030	1046952	3.26%	1.360%
33	18.451	2625	2629	2633	rBV3	76192	104724	0.33%	0.136%
34	18.492	2633	2636	2641	rVB2	32762	46777	0.15%	0.061%
35	18.845	2691	2696	2699	rBV	134024	200379	0.62%	0.260%
36	19.069	2730	2734	2737	rBV	95558	106132	0.33%	0.138%

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Title : SVOA CALIBRATION

37	19.133	2740	2745	2750	rBV	518417	669958	2.09%	0.870%
38	19.269	2764	2768	2784	rBV2	432591	1091322	3.40%	1.417%
39	19.410	2789	2792	2796	rVV2	82979	116414	0.36%	0.151%
40	19.469	2797	2802	2805	rVV	821549	1194223	3.72%	1.551%
41	19.498	2805	2807	2816	rVB2	469763	677659	2.11%	0.880%
42	20.410	2959	2962	2966	rBV2	78419	81722	0.25%	0.106%
43	20.463	2968	2971	2977	rVV5	68693	121802	0.38%	0.158%
44	20.998	3059	3062	3067	rVB4	185064	252072	0.79%	0.327%
45	21.227	3095	3101	3107	rBV	22247913	32067050	100.00%	41.649%
46	21.310	3108	3115	3120	rBV2	5205583	7838291	24.44%	10.180%
47	24.251	3607	3615	3633	rVB	2779986	7368034	22.98%	9.570%

Sum of corrected areas: 76993191

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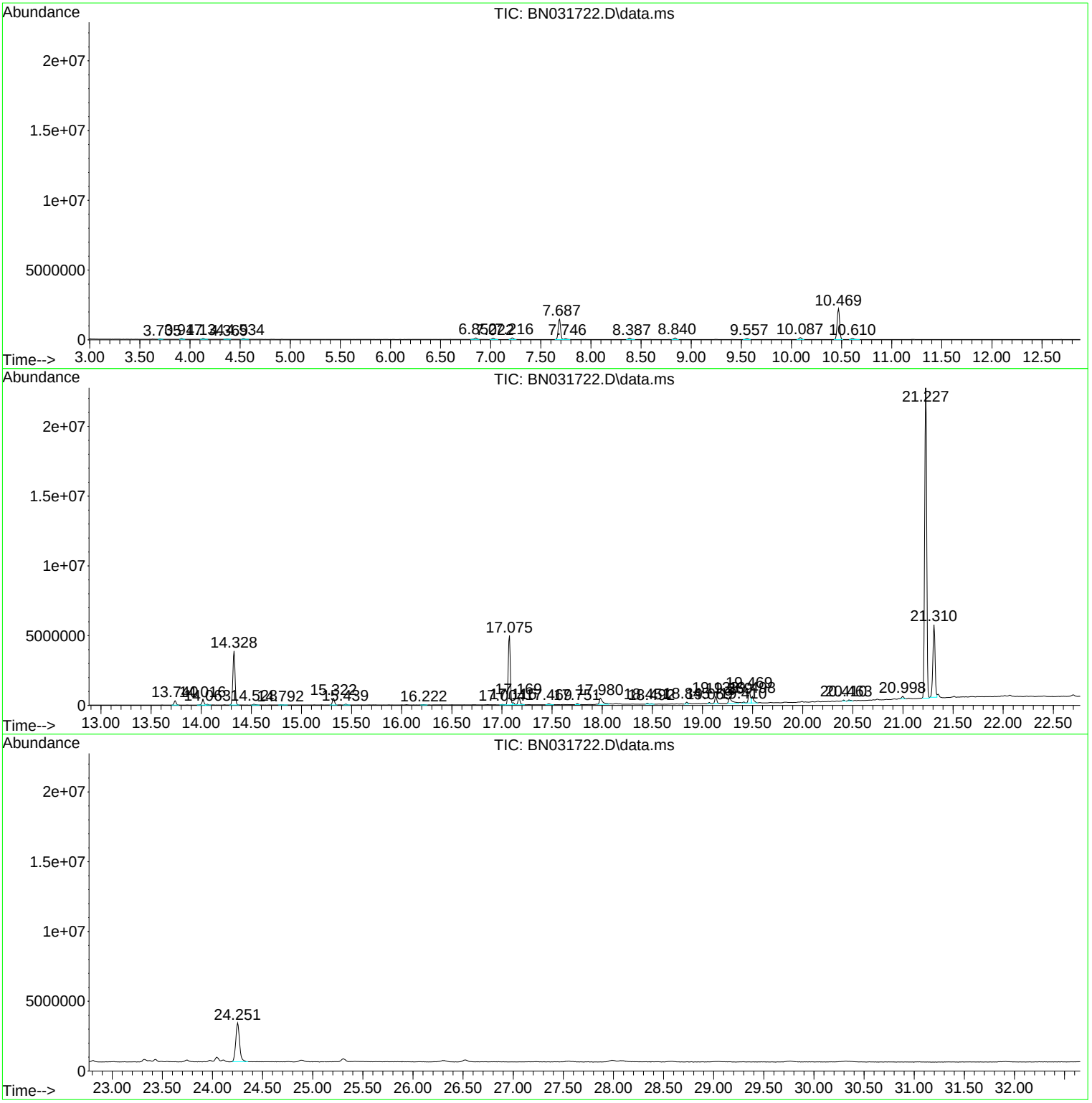
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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



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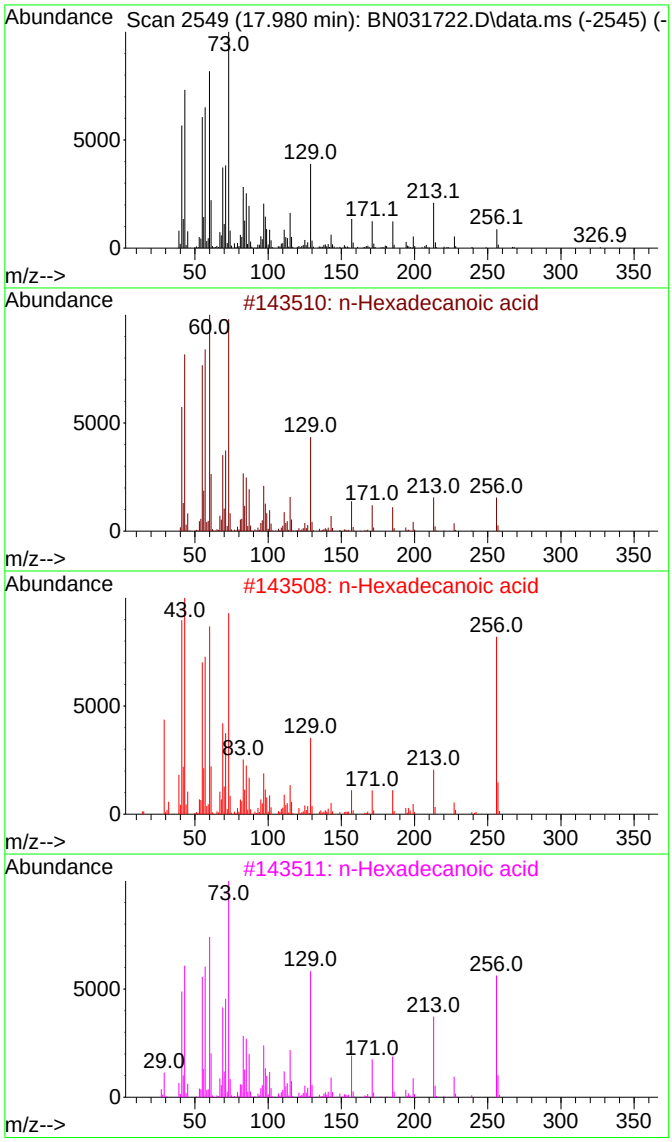
Quant Title : SVOA CALIBRATION

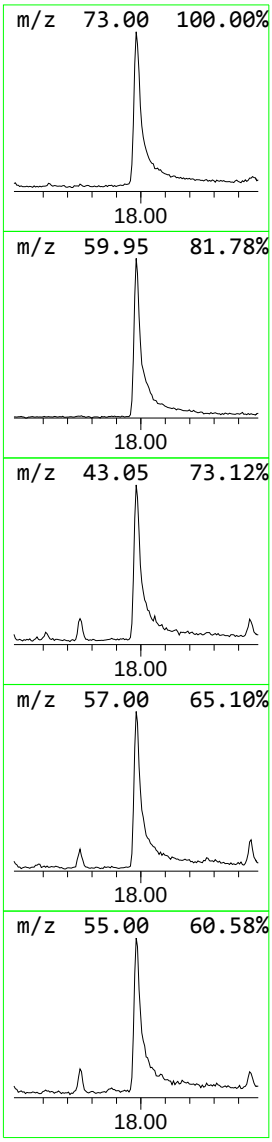
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	2.94 ng/ul	1046950	Phenanthrene-d10	17.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





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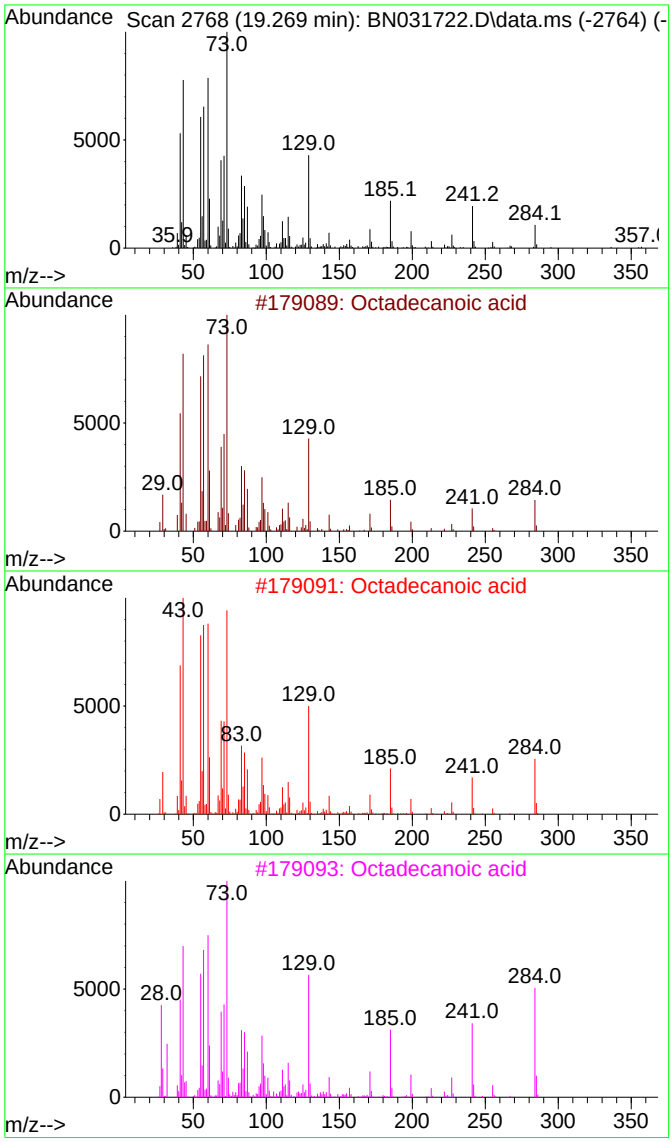
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

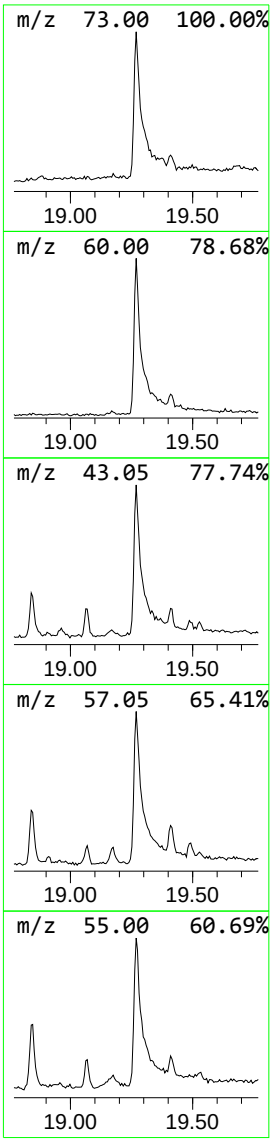
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.269	2.78 ng/ul	1091320	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	89





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	17.980	2.9	ng/ul	1046950	4	17.075	7110170	20.0
Octadecanoic acid	19.269	2.8	ng/ul	1091320	5	21.310	7838290	20.0