LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021924\
Data File : BN029866.D
Acq On : 20 Feb 2024 00:29
Operator : MA/JU
Sample : P1436-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BH7G6

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-BN020724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN029866.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.317	36	39	43	rBV	40087	47294	1.02%	0.106%
2	3.734	106	110	123	rBV	198954	359724	7.73%	0.803%
3	4.052	160	164	167	rVB2	13034	17956	0.39%	0.040%
4	7.028	663	670	681	rBV	202163	334668	7.20%	0.747%
5	7.205	694	700	713	rBV	863131	1365548	29.36%	3.048%
6	7.387	724	731	742	rBV	799664	1299728	27.94%	2.901%
7	7.475	744	746	755	rVB8	6535	9611	0.21%	0.021%
8	7.863	804	812	821	rVB	596233	952194	20.47%	2.126%
9	8.575	925	933	947	rBV	559151	935266	20.11%	2.088%
10	9.028	1001	1010	1019	rBV	1011568	1672443	35.96%	3.733%
11	9.146	1023	1030	1043	rVV	50401	99186	2.13%	0.221%
12	9.416	1073	1076	1081	rVB6	4005	6257	0.13%	0.014%
13	9.746	1124	1132	1145	rBV	762751	1258547	27.06%	2.810%
14	10.281	1215	1223	1240	rBV	1061906	1791397	38.52%	3.999%
15	10.657	1279	1287	1295	rVB	797846	1305879	28.08%	2.915%
16	10.804	1304	1312	1328	rBV	782030	1437599	30.91%	3.209%
17	11.422	1412	1417	1420	rBV5	6851	11450	0.25%	0.026%
18	12.251	1549	1558	1564	rBV	19645	36022	0.77%	0.080%
19	12.416	1581	1586	1588	rBV6	3429	5160	0.11%	0.012%
20	13.245	1723	1727	1729	rBV4	4374	6148	0.13%	0.014%
21	13.334	1736	1742	1747	rBV6	7241	15328	0.33%	0.034%
22	13.404	1749	1754	1761	rVB3	12409	23845	0.51%	0.053%
23	13.928	1836	1843	1857	rBV	1913016	2604560	56.00%	5.814%
24	14.198	1877	1889	1901	rBV	2204392	3234588	69.55%	7.221%
25	14.504	1935	1941	1951	rBV	1052433	1504862	32.36%	3.359%
26	14.722	1969	1978	1993	rBV2	65324	170547	3.67%	0.381%
27	14.928	2008	2013	2020	rVB8	9043	19680	0.42%	0.044%
28	15.175	2051	2055	2061	rVB8	2436	5098	0.11%	0.011%
29	15.316	2073	2079	2081	rVV4	4653	6373	0.14%	0.014%
30	15.369	2085	2088	2091	rVB4	6392	7013	0.15%	0.016%
31	15.498	2103	2110	2125	rBV	2540786	3835810	82.47%	8.563%
32	15.628	2125	2132	2144	rVV	718478	1035594	22.27%	2.312%
33	15.739	2148	2151	2157	rVB5	10522	17572	0.38%	0.039%
34	16.069	2201	2207	2211	rBV7	5548	10423	0.22%	0.023%
35	16.233	2229	2235	2240	rBV7	7240	12975	0.28%	0.029%
36	16.281	2241	2243	2250	rVB5	8413	12069	0.26%	0.027%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Title : SVOA CALIBRATION

37	16.404	2262	2264	2271	rBV9	3963	5752	0.12%	0.013%
38	16.669	2305	2309	2313	rBV6	5291	6683	0.14%	0.015%
39	16.992	2358	2364	2367	rBV7	5200	9913	0.21%	0.022%
40	17.028	2367	2370	2375	rVB5	6591	10096	0.22%	0.023%
41	17.257	2402	2409	2418	rVV	1240657	1699840	36.55%	3.795%
42	17.357	2419	2426	2447	rVB	2886045	4119305	88.57%	9.196%
43	17.663	2474	2478	2482	rBV7	4823	6880	0.15%	0.015%
44	17.769	2490	2496	2499	rBV7	6918	9067	0.19%	0.020%
45	17.939	2520	2525	2531	rBV10	4064	9651	0.21%	0.022%
46	18.045	2539	2543	2545	rBV5	3497	4836	0.10%	0.011%
47	18.169	2558	2564	2570	rBV	146087	207890	4.47%	0.464%
48	18.469	2611	2615	2618	rBV3	10727	14918	0.32%	0.033%
49	18.604	2635	2638	2642	rVB5	9554	11767	0.25%	0.026%
50	18.651	2642	2646	2650	rBV6	5987	6826	0.15%	0.015%
51	18.839	2672	2678	2684	rBV3	9476	20863	0.45%	0.047%
52	18.927	2689	2693	2697	rBV7	9115	13218	0.28%	0.030%
53	19.216	2738	2742	2747	rBV3	34016	51123	1.10%	0.114%
54	19.286	2751	2754	2759	rVV	29230	42250	0.91%	0.094%
55	19.327	2759	2761	2764	rVV4	6373	8415	0.18%	0.019%
56	19.369	2766	2768	2771	rVB4	5133	4877	0.10%	0.011%
57	19.451	2778	2782	2791	rBV	115859	166758	3.59%	0.372%
58	19.610	2806	2809	2811	rBV3	10125	12314	0.26%	0.027%
59	19.657	2811	2817	2825	rVV2	3487526	4651049	100.00%	10.383%
60	20.222	2911	2913	2915	rBV2	8813	7645	0.16%	0.017%
61	20.663	2985	2988	2992	rBV6	11982	13409	0.29%	0.030%
62	21.192	3075	3078	3085	rVB5	41392	65164	1.40%	0.145%
63	21.457	3117	3123	3131	rBV	1277293	1706576	36.69%	3.810%
64	23.668	3491	3499	3511	rBV2	2313234	4600649	98.92%	10.270%
65	23.815	3518	3524	3541	rVB	883904	1839585	39.55%	4.107%

Sum of corrected areas: 44795733

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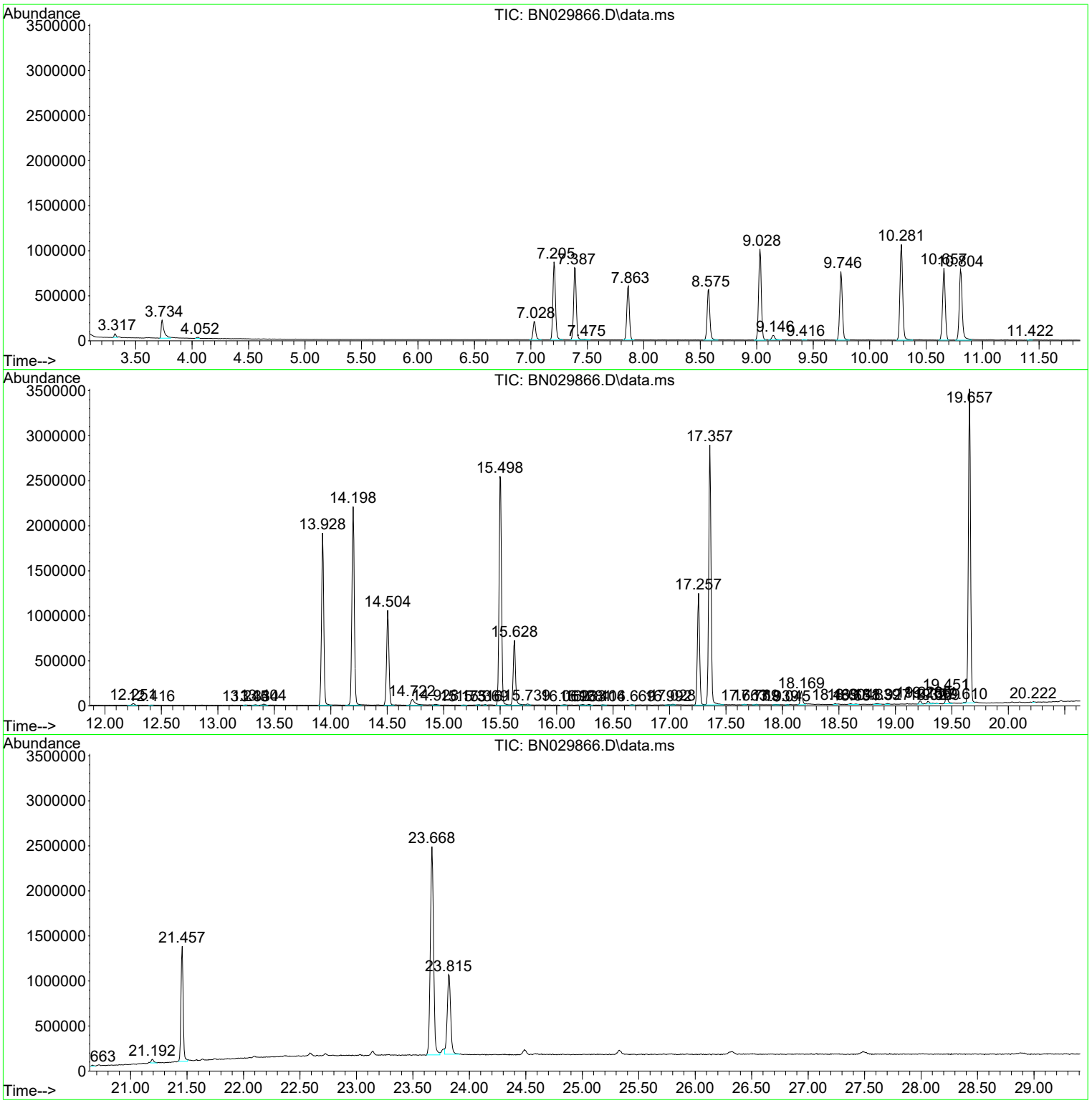
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

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



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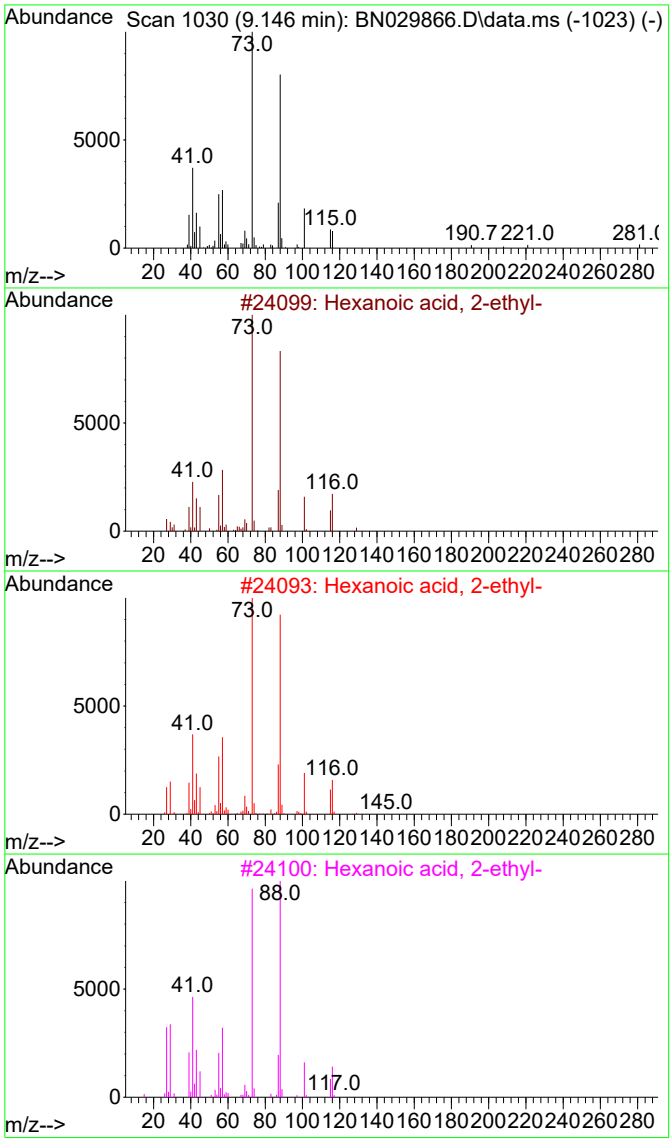
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

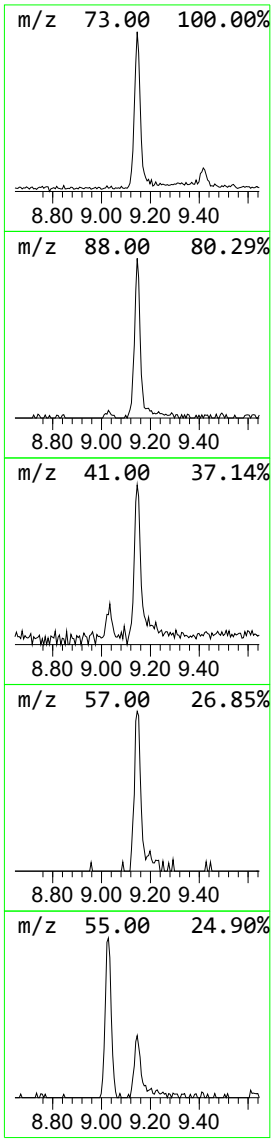
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.146	2.08 ng/ul	99186	1,4-Dichlorobenzene-d4	7.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	74
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
4	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	64
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64





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Instrument :
BNA_N
ClientSampleId :
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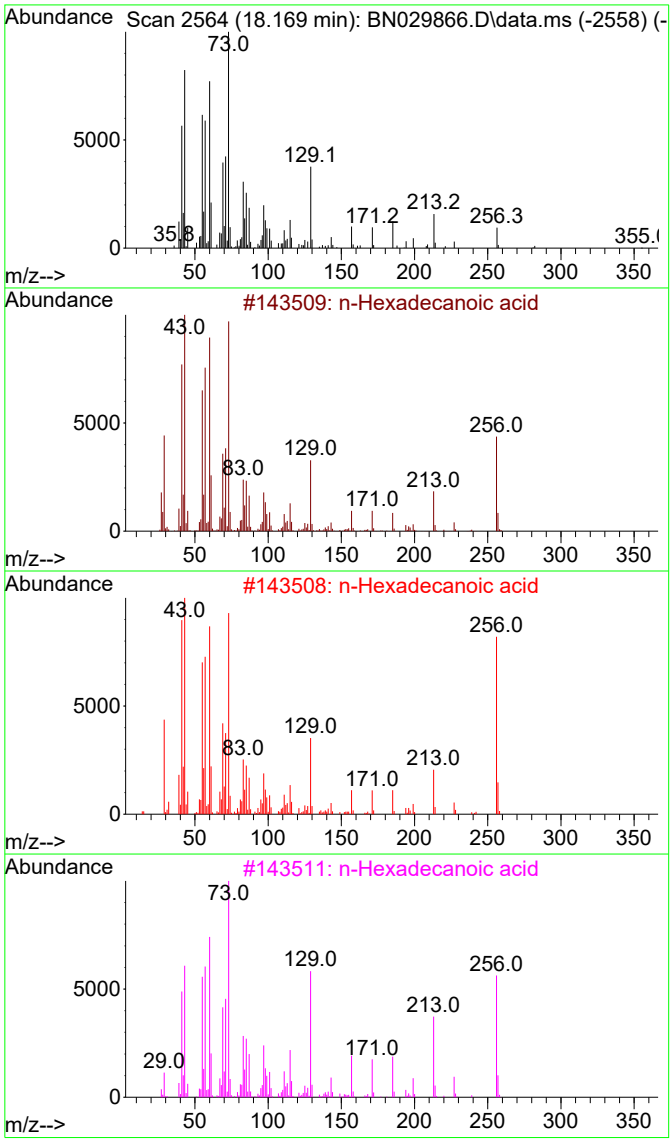
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

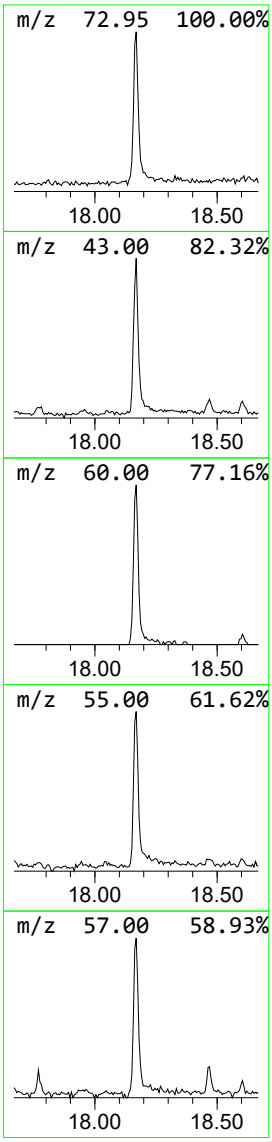
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	2.45 ng/ul	207890	Phenanthrene-d10	17.257

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.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
Hexanoic acid, ...	9.146	2.1	ng/ul	99186	1	7.863	952194	20.0
n-Hexadecanoic ...	18.169	2.5	ng/ul	207890	4	17.257	1699840	20.0