LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032207.D
Acq On : 24 Jun 2024 13:54
Operator : MA/JU
Sample : P2856-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0SE5

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: BN032207.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.169	27	31	39	rVB	32909	50020	1.19%	0.117%
2	3.434	73	76	88	rVB	32429	56577	1.35%	0.132%
3	3.575	97	100	115	rBV	357137	600197	14.32%	1.399%
4	3.875	148	151	157	rVB	11856	17458	0.42%	0.041%
5	4.369	230	235	238	rBV7	3474	6620	0.16%	0.015%
6	4.422	242	244	248	rVB5	3721	4863	0.12%	0.011%
7	4.769	299	303	309	rVB	17594	27254	0.65%	0.064%
8	5.734	463	467	474	rVB	16956	25329	0.60%	0.059%
9	6.816	644	651	663	rBV	491411	838342	20.00%	1.954%
10	6.975	671	678	692	rVB	421259	674154	16.08%	1.571%
11	7.163	704	710	720	rBV	539752	902949	21.54%	2.104%
12	7.252	721	725	731	rVB5	6709	12859	0.31%	0.030%
13	7.628	782	789	798	rBV	930767	1503111	35.86%	3.503%
14	7.705	798	802	809	rVV2	13992	32276	0.77%	0.075%
15	8.340	903	910	930	rBV	612728	1111815	26.52%	2.591%
16	8.787	979	986	998	rBV	466802	812998	19.40%	1.895%
17	8.946	1008	1013	1020	rVB9	6568	11225	0.27%	0.026%
18	9.169	1045	1051	1054	rVB6	5632	9426	0.22%	0.022%
19	9.351	1077	1082	1092	rBV	44825	78522	1.87%	0.183%
20	9.504	1101	1108	1120	rBV	377335	663843	15.84%	1.547%
21	9.746	1146	1149	1153	rBV6	3937	5362	0.13%	0.012%
22	10.040	1191	1199	1215	rBV	584943	1069157	25.51%	2.492%
23	10.410	1254	1262	1276	rBV	1183175	2055393	49.03%	4.790%
24	10.557	1279	1287	1303	rVV	592442	1099467	26.23%	2.562%
25	10.963	1351	1356	1363	rBV8	9709	18421	0.44%	0.043%
26	11.157	1383	1389	1397	rBV	40171	94270	2.25%	0.220%
27	11.910	1515	1517	1521	rBV5	2843	4403	0.11%	0.010%
28	11.998	1528	1532	1539	rBV3	11438	20969	0.50%	0.049%
29	12.387	1595	1598	1603	rBV6	3298	5564	0.13%	0.013%
30	12.645	1640	1642	1648	rVB7	4275	6724	0.16%	0.016%
31	13.087	1712	1717	1723	rBV10	7601	17576	0.42%	0.041%
32	13.198	1733	1736	1740	rBV6	2813	5691	0.14%	0.013%
33	13.281	1746	1750	1756	rBV8	5596	11984	0.29%	0.028%
34	13.334	1756	1759	1769	rVB5	11733	27771	0.66%	0.065%
35	13.692	1813	1820	1832	rVV	1082217	1544518	36.85%	3.600%
36	13.969	1859	1867	1879	rBV	1282763	1946875	46.45%	4.537%

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Misc :
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Instrument :
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ClientSampleId :
C0SE5

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

37	14.151	1895	1898	1899	rBV3	4660	4956	0.12%	0.012%
38	14.275	1911	1919	1935	rBV	1777938	2681813	63.98%	6.250%
39	14.516	1949	1960	1981	rBV	335641	759110	18.11%	1.769%
40	14.710	1987	1993	2000	rVB	9368	21264	0.51%	0.050%
41	15.063	2051	2053	2057	rVB5	5738	6896	0.16%	0.016%
42	15.122	2061	2063	2067	rVV4	4155	4877	0.12%	0.011%
43	15.269	2082	2088	2101	rBV	1588513	2395981	57.16%	5.584%
44	15.410	2106	2112	2122	rVV	332039	504386	12.03%	1.176%
45	15.510	2126	2129	2135	rVB5	9878	18532	0.44%	0.043%
46	15.698	2155	2161	2165	rVB7	5092	10798	0.26%	0.025%
47	15.928	2197	2200	2204	rBV6	2265	4291	0.10%	0.010%
48	15.986	2208	2210	2216	rVV6	7572	11856	0.28%	0.028%
49	16.151	2236	2238	2243	rVB5	4111	5459	0.13%	0.013%
50	16.439	2283	2287	2292	rBV7	4815	7687	0.18%	0.018%
51	16.575	2305	2310	2313	rBV8	7464	11618	0.28%	0.027%
52	16.628	2315	2319	2322	rBV6	3398	5206	0.12%	0.012%
53	16.781	2342	2345	2347	rBV3	6120	6123	0.15%	0.014%
54	16.816	2349	2351	2354	rVB3	7051	7193	0.17%	0.017%
55	17.028	2380	2387	2397	rBV	2165865	3143630	75.00%	7.326%
56	17.128	2397	2404	2417	rVV	1744804	2596299	61.94%	6.051%
57	17.233	2420	2422	2425	rVB3	7311	7924	0.19%	0.018%
58	17.563	2474	2478	2482	rVB5	4814	6103	0.15%	0.014%
59	17.704	2498	2502	2505	rVB6	6965	9101	0.22%	0.021%
60	17.928	2535	2540	2550	rBV	252321	439670	10.49%	1.025%
61	18.986	2717	2720	2728	rBV5	25116	39169	0.93%	0.091%
62	19.063	2730	2733	2736	rBV2	29825	42419	1.01%	0.099%
63	19.216	2755	2759	2773	rBV2	147522	271579	6.48%	0.633%
64	19.427	2789	2795	2802	rBV2	2207212	3037251	72.46%	7.079%
65	20.951	3050	3054	3059	rBV2	228922	320794	7.65%	0.748%
66	21.263	3102	3107	3114	rBV2	2455208	3587511	85.59%	8.361%
67	23.980	3561	3569	3579	rVB2	1420895	3372555	80.46%	7.860%
68	24.180	3595	3603	3617	rVB	1593488	4191697	100.00%	9.769%

Sum of corrected areas: 42907731

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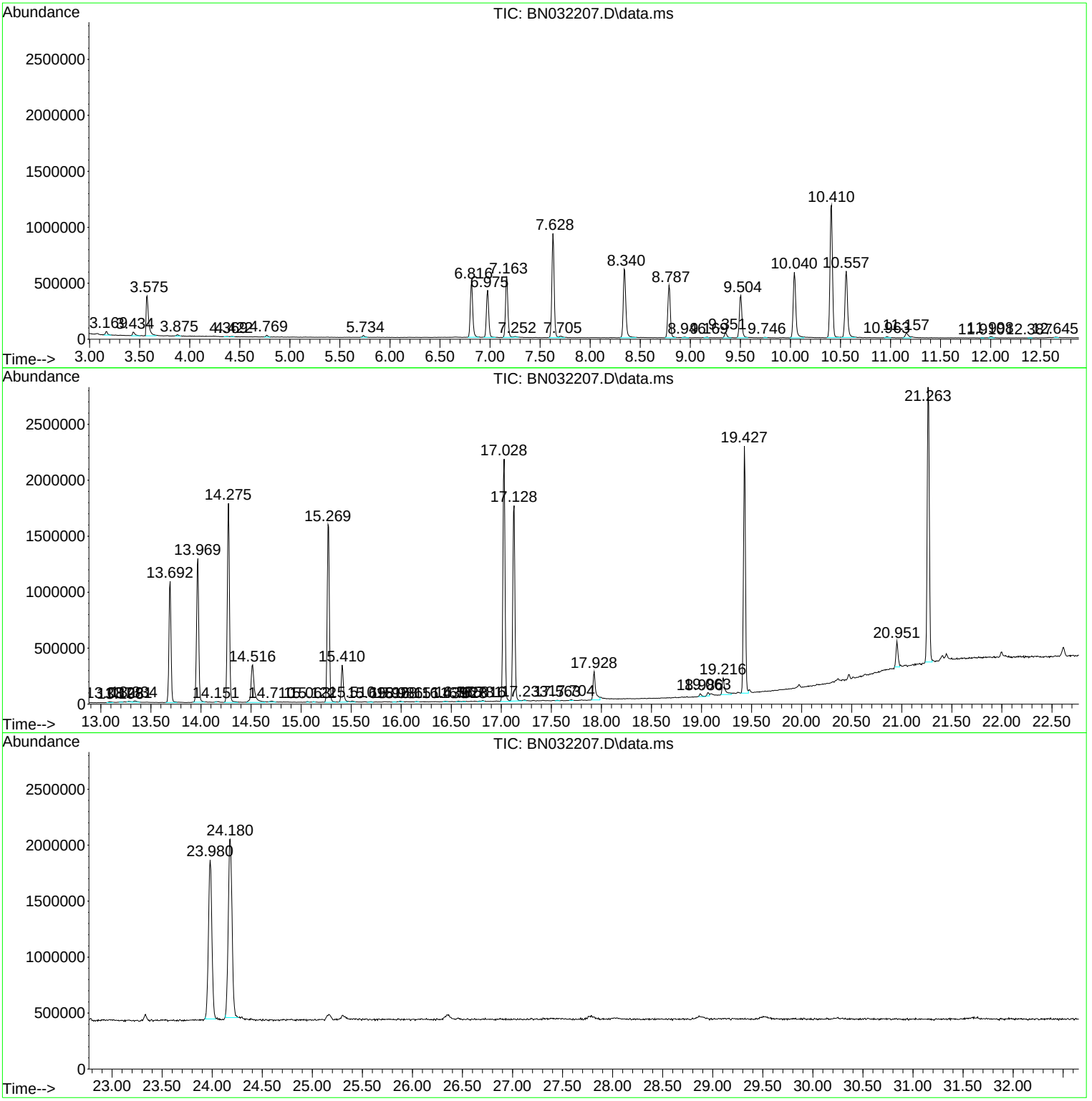
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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



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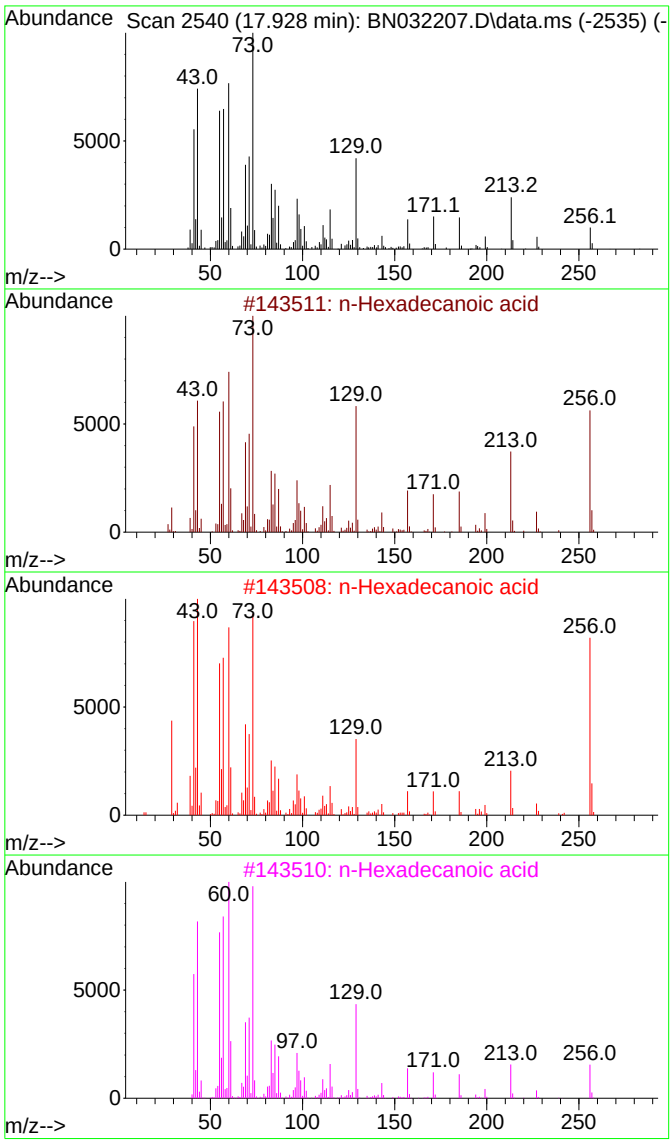
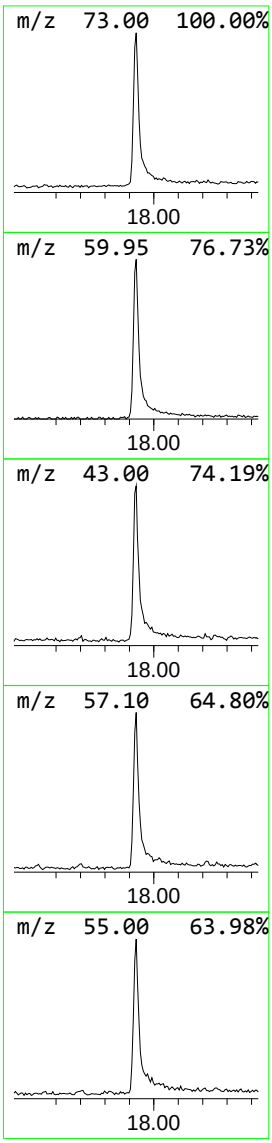
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	2.80 ng/ul	439670	Phenanthrene-d10	17.028

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





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 ...	17.927	2.8	ng/ul	439670	4	17.028	3143630	20.0