LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
Data File : BM034199.D
Acq On : 09 Mar 2022 23:36
Operator : CG/JU
Sample : N1775-22
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBSC5

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_M\Methods\SFAM-EPA-BM030822.M
Title : SVOA CALIBRATION

Signal : TIC: BM034199.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.372	19	23	28	rVB	33959	44141	1.07%	0.117%
2	3.790	90	94	109	rBV	370671	530933	12.91%	1.408%
3	4.131	149	152	159	rVB3	10658	15964	0.39%	0.042%
4	5.066	307	311	316	rBV6	5201	10580	0.26%	0.028%
5	7.137	656	663	676	rVB	610965	933118	22.68%	2.475%
6	7.307	684	692	700	rBV	459063	708234	17.21%	1.878%
7	7.378	700	704	708	rVB	8790	11472	0.28%	0.030%
8	7.513	719	727	737	rBV	627827	975646	23.71%	2.588%
9	7.984	799	807	815	rBV	491858	789168	19.18%	2.093%
10	8.054	815	819	824	rVB7	4113	6278	0.15%	0.017%
11	8.689	920	927	937	rBV	760848	1217100	29.58%	3.228%
12	9.148	993	1005	1014	rBV	593011	941688	22.89%	2.498%
13	9.601	1076	1082	1088	rVB2	11415	18806	0.46%	0.050%
14	9.872	1119	1128	1138	rBV	471028	783620	19.05%	2.078%
15	10.413	1213	1220	1235	rVB	797904	1314781	31.96%	3.487%
16	10.801	1278	1286	1295	rBV	625668	1034352	25.14%	2.743%
17	10.930	1301	1308	1320	rBV	723694	1220110	29.66%	3.236%
18	12.230	1525	1529	1533	rVB3	5738	7741	0.19%	0.021%
19	12.383	1547	1555	1560	rBV	12827	21578	0.52%	0.057%
20	13.466	1733	1739	1745	rVB3	16021	22488	0.55%	0.060%
21	14.030	1829	1835	1841	rBV	1339335	1834668	44.59%	4.866%
22	14.318	1875	1884	1893	rBV	1598898	2300838	55.92%	6.102%
23	14.530	1914	1920	1927	rBV8	6840	10290	0.25%	0.027%
24	14.624	1927	1936	1943	rBV	953113	1350201	32.82%	3.581%
25	14.795	1960	1965	1979	rBV	547281	811998	19.74%	2.154%
26	15.030	2002	2005	2009	rVB3	5909	6339	0.15%	0.017%
27	15.430	2067	2073	2077	rBV6	2886	5398	0.13%	0.014%
28	15.471	2078	2080	2087	rVB5	3844	4901	0.12%	0.013%
29	15.613	2097	2104	2116	rBV	2016255	2842333	69.09%	7.539%
30	15.718	2116	2122	2131	rBV	500342	671870	16.33%	1.782%
31	15.854	2139	2145	2148	rBV	9563	12736	0.31%	0.034%
32	16.401	2234	2238	2244	rVB7	4359	8539	0.21%	0.023%
33	16.765	2296	2300	2306	rVB6	3836	6904	0.17%	0.018%
34	17.148	2362	2365	2369	rVB3	3754	4900	0.12%	0.013%
35	17.365	2395	2402	2408	rBV	1088713	1557126	37.85%	4.130%
36	17.459	2411	2418	2429	rVV	2083501	3015015	73.28%	7.997%

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Title : SVOA CALIBRATION

37	17.548	2429	2433	2438	rVB6	12649	19920	0.48%	0.053%
38	17.736	2462	2465	2468	rBV4	2936	4296	0.10%	0.011%
39	17.848	2480	2484	2487	rBV3	2260	4306	0.10%	0.011%
40	18.036	2513	2516	2521	rBV6	4808	7277	0.18%	0.019%
41	18.254	2548	2553	2563	rBV	132176	188034	4.57%	0.499%
42	19.312	2729	2733	2738	rBV3	26418	37100	0.90%	0.098%
43	19.383	2741	2745	2749	rBV	43472	64340	1.56%	0.171%
44	19.524	2765	2769	2777	rBV6	35344	48430	1.18%	0.128%
45	19.748	2801	2807	2813	rBV	2723229	3574312	86.88%	9.480%
46	20.253	2891	2893	2898	rBV5	13192	21071	0.51%	0.056%
47	21.242	3057	3061	3070	rBV	412554	528026	12.83%	1.400%
48	21.530	3105	3110	3116	rBV	1410091	1869347	45.44%	4.958%
49	23.818	3492	3499	3507	rBV2	2155511	4114156	100.00%	10.912%
50	23.977	3519	3526	3540	rVB2	1045776	2170813	52.76%	5.758%

Sum of corrected areas: 37703282

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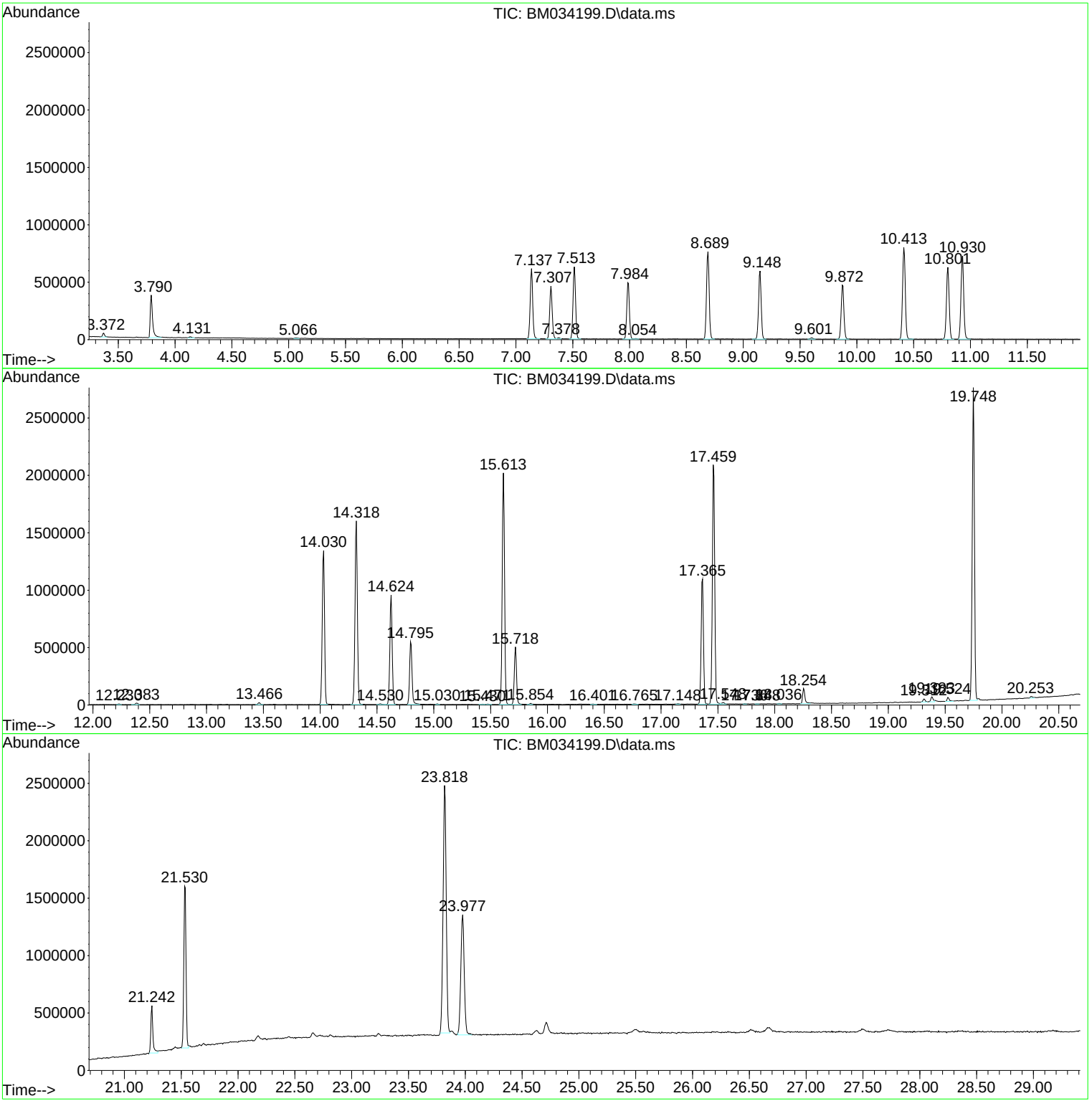
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
Quant Title : SVOA CALIBRATION

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



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

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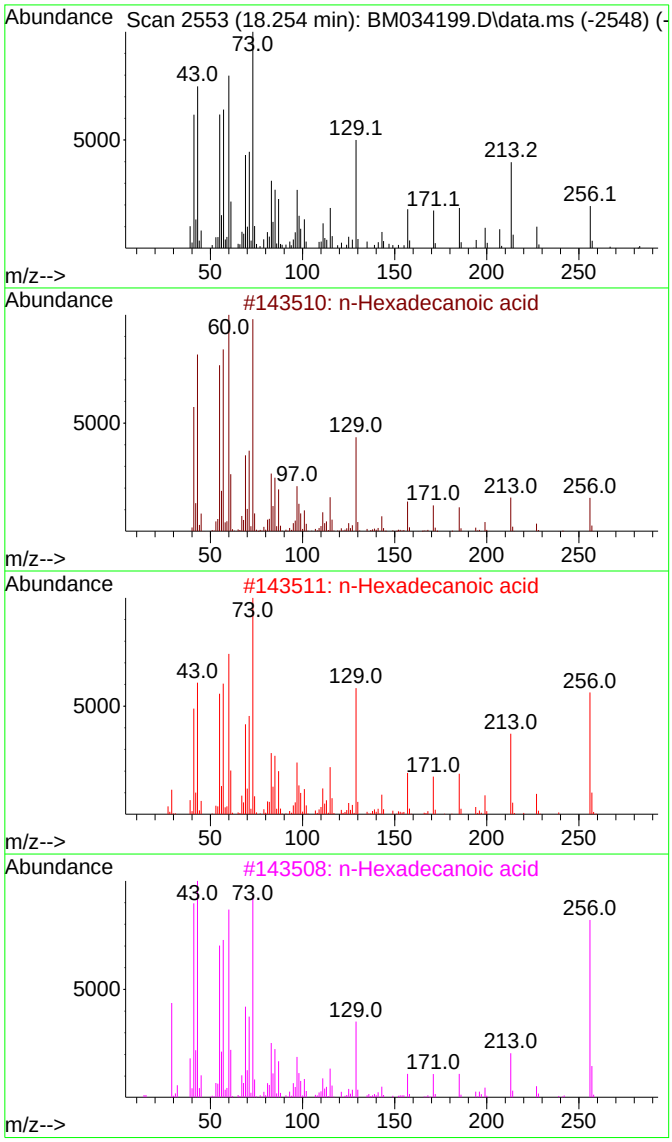
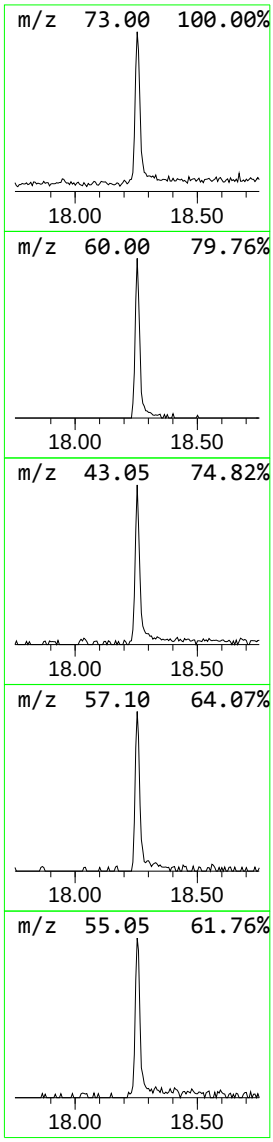
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.253	2.42 ng/ul	188034	Phenanthrene-d10	17.365

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





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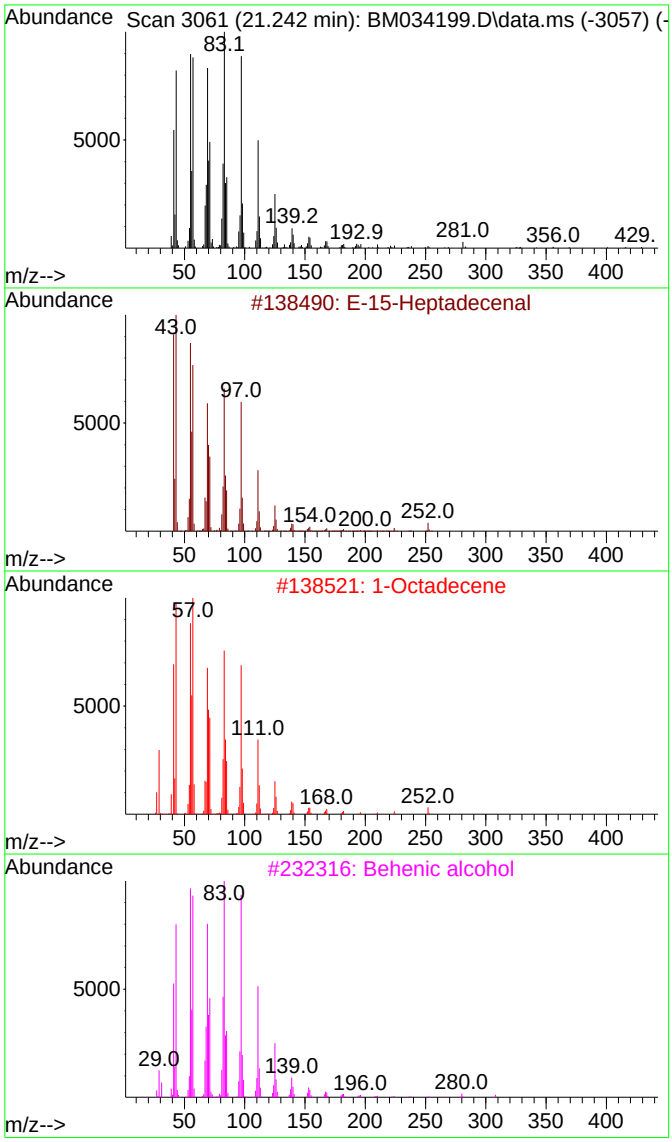
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
Quant Title : SVOA CALIBRATION

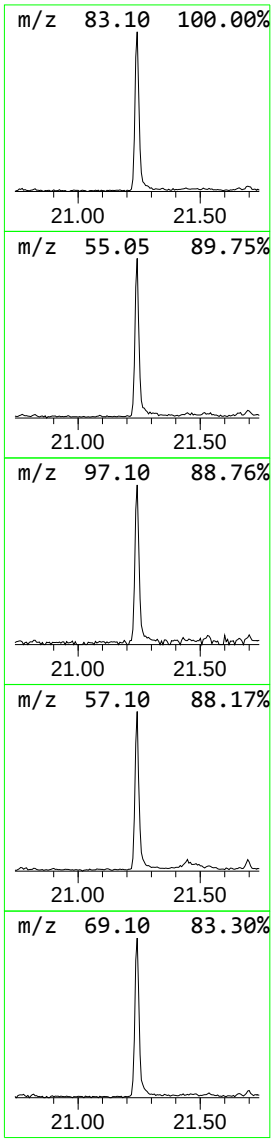
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 E-15-Heptadecenal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.242	5.65 ng/ul	528026	Chrysene-d12	21.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	98
2	1-Octadecene	252	C18H36	000112-88-9	97
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.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 ...	18.253	2.4	ng/ul	188034	4	17.365	1557130	20.0
E-15-Heptadecenal	21.242	5.7	ng/ul	528026	5	21.530	1869350	20.0