LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM035007.D
Acq On : 12 May 2022 04:57
Operator : CG/JU
Sample : N2707-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXLB1

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-BM051022.M
Title : SVOA CALIBRATION

Signal : TIC: BM035007.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.363	44	47	53	rVB	49655	63449	1.33%	0.136%
2	3.781	115	118	135	rBV	154431	246361	5.15%	0.527%
3	4.022	155	159	163	rVB3	7809	11447	0.24%	0.024%
4	4.110	170	174	179	rVB2	15560	19949	0.42%	0.043%
5	4.640	259	264	271	rVB3	40454	64361	1.35%	0.138%
6	5.034	326	331	336	rBV3	8064	13789	0.29%	0.029%
7	6.910	646	650	657	rBV10	2920	5953	0.12%	0.013%
8	7.081	673	679	687	rBV	193733	308769	6.45%	0.660%
9	7.246	701	707	719	rBV	759908	1191315	24.90%	2.548%
10	7.451	734	742	753	rBV	809970	1274352	26.64%	2.726%
11	7.557	756	760	764	rVB5	4825	7249	0.15%	0.016%
12	7.922	815	822	829	rBV	730821	1176163	24.59%	2.516%
13	7.993	829	834	839	rVB5	6427	11130	0.23%	0.024%
14	8.622	934	941	953	rBV	562398	917443	19.18%	1.962%
15	9.075	1009	1018	1028	rBV	981010	1603052	33.51%	3.429%
16	9.534	1090	1096	1101	rBV	16194	26297	0.55%	0.056%
17	9.798	1133	1141	1151	rBV	777549	1288875	26.94%	2.757%
18	10.039	1177	1182	1183	rBV5	3433	4934	0.10%	0.011%
19	10.339	1226	1233	1244	rBV	1025783	1710988	35.77%	3.660%
20	10.722	1290	1298	1305	rBV	961512	1625162	33.97%	3.476%
21	10.851	1312	1320	1335	rBV	912637	1548762	32.38%	3.313%
22	11.363	1404	1407	1414	rVB8	2291	5124	0.11%	0.011%
23	11.510	1429	1432	1435	rBV5	3522	5111	0.11%	0.011%
24	12.157	1533	1542	1549	rVB3	10191	17357	0.36%	0.037%
25	12.304	1562	1567	1574	rBV2	21303	34957	0.73%	0.075%
26	13.392	1748	1752	1759	rVB2	16033	23214	0.49%	0.050%
27	13.963	1842	1849	1859	rBV	1902137	2632387	55.03%	5.631%
28	14.245	1886	1897	1911	rBV	2148197	3177825	66.43%	6.797%
29	14.463	1930	1934	1938	rVB4	3496	4898	0.10%	0.010%
30	14.551	1941	1949	1956	rBV	1360147	1952032	40.81%	4.175%
31	14.739	1972	1981	1991	rBV	114115	215665	4.51%	0.461%
32	14.910	2005	2010	2015	rVB6	3710	7971	0.17%	0.017%
33	14.969	2015	2020	2027	rBV6	15992	25107	0.52%	0.054%
34	15.363	2080	2087	2092	rVB8	3994	6616	0.14%	0.014%
35	15.539	2110	2117	2130	rBV	2689974	3861318	80.72%	8.259%
36	15.657	2130	2137	2151	rVV	870729	1225580	25.62%	2.621%

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Title : SVOA CALIBRATION

37	15.780	2153	2158	2163	rVB	32781	49627	1.04%	0.106%
38	16.321	2247	2250	2256	rVV4	9118	14436	0.30%	0.031%
39	16.974	2358	2361	2364	rVB4	4573	5531	0.12%	0.012%
40	17.068	2373	2377	2383	rVB8	3015	5544	0.12%	0.012%
41	17.292	2408	2415	2425	rBV	1416118	2006521	41.95%	4.292%
42	17.392	2425	2432	2442	rBV	2863529	4092743	85.56%	8.754%
43	17.668	2474	2479	2483	rBV7	4248	8461	0.18%	0.018%
44	17.968	2527	2530	2533	rVB4	4577	4826	0.10%	0.010%
45	18.186	2562	2567	2577	rBV	150386	219243	4.58%	0.469%
46	18.662	2644	2648	2652	rBV7	3724	6888	0.14%	0.015%
47	19.245	2742	2747	2752	rBV2	33496	47718	1.00%	0.102%
48	19.315	2755	2759	2763	rBV	40136	52896	1.11%	0.113%
49	19.462	2780	2784	2793	rBV	99820	126758	2.65%	0.271%
50	19.615	2808	2810	2814	rVB4	8443	10374	0.22%	0.022%
51	19.680	2815	2821	2827	rBV	3290079	4412677	92.25%	9.439%
52	21.186	3073	3077	3087	rBV	249880	377662	7.90%	0.808%
53	21.462	3119	3124	3131	rBV	1602733	2048142	42.82%	4.381%
54	23.697	3496	3504	3512	rBV2	2441328	4783559	100.00%	10.232%
55	23.850	3523	3530	3540	rVB2	1066605	2162560	45.21%	4.626%

Sum of corrected areas: 46751128

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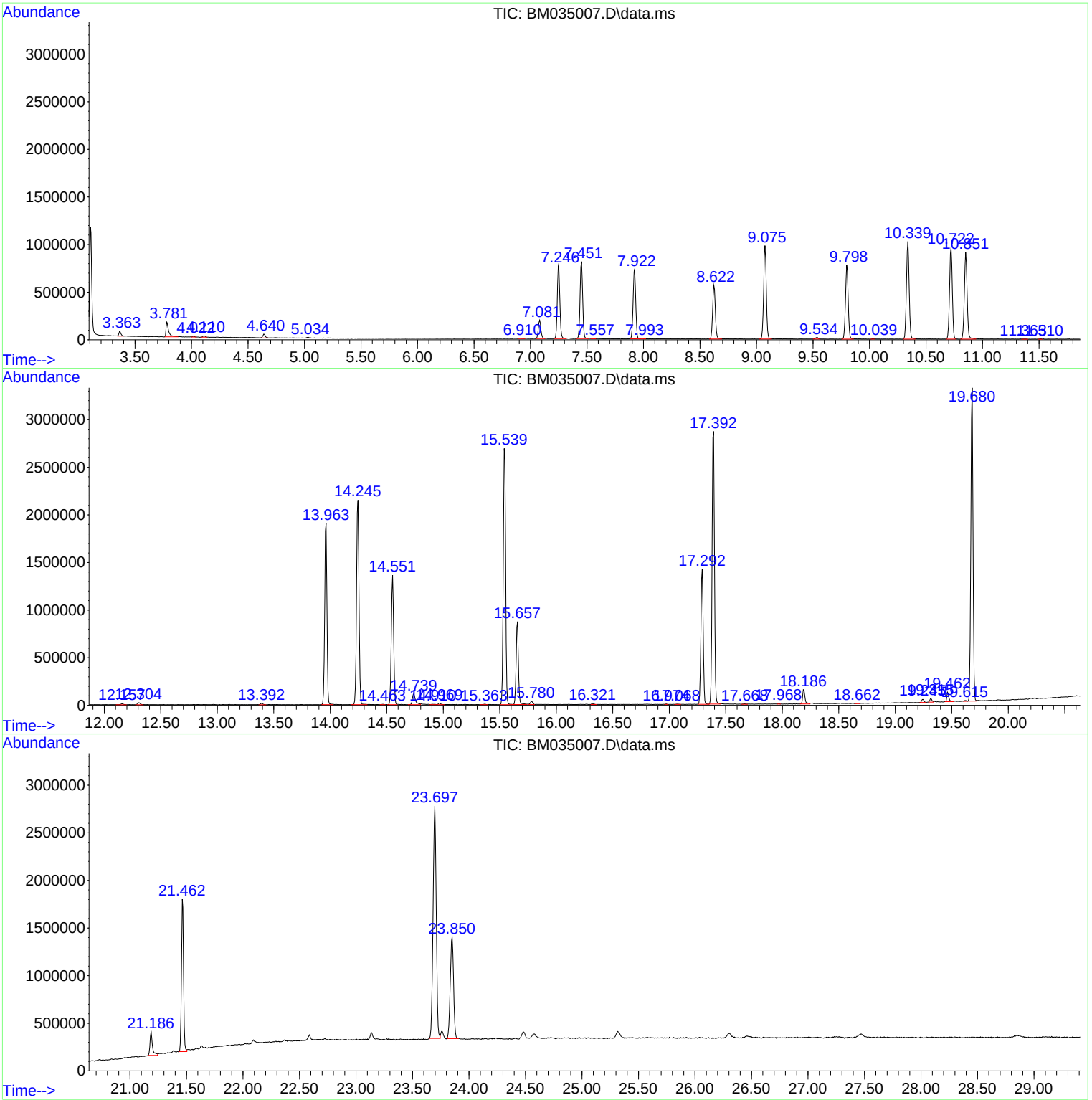
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

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



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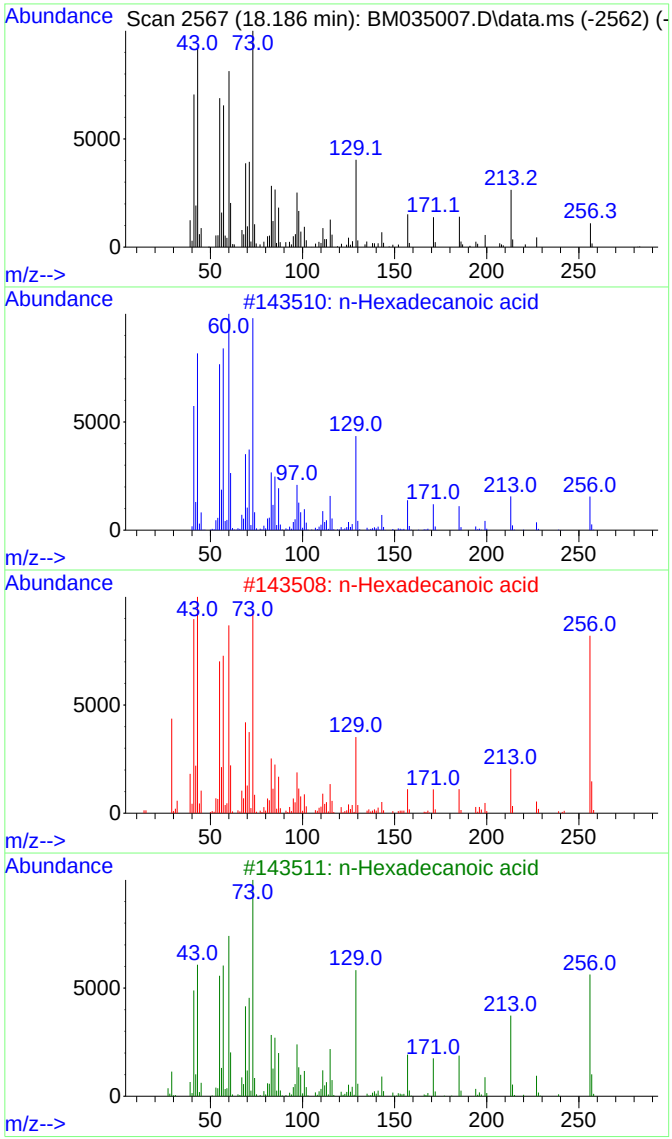
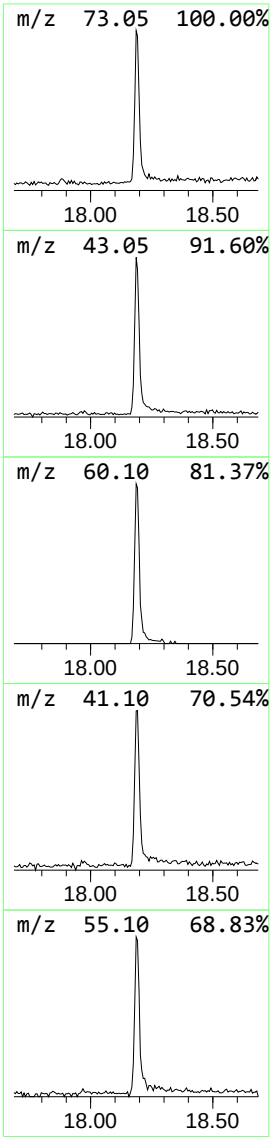
****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	2.19 ng/ul	219243	Phenanthrene-d10	17.292

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	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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Instrument :
BNA_M
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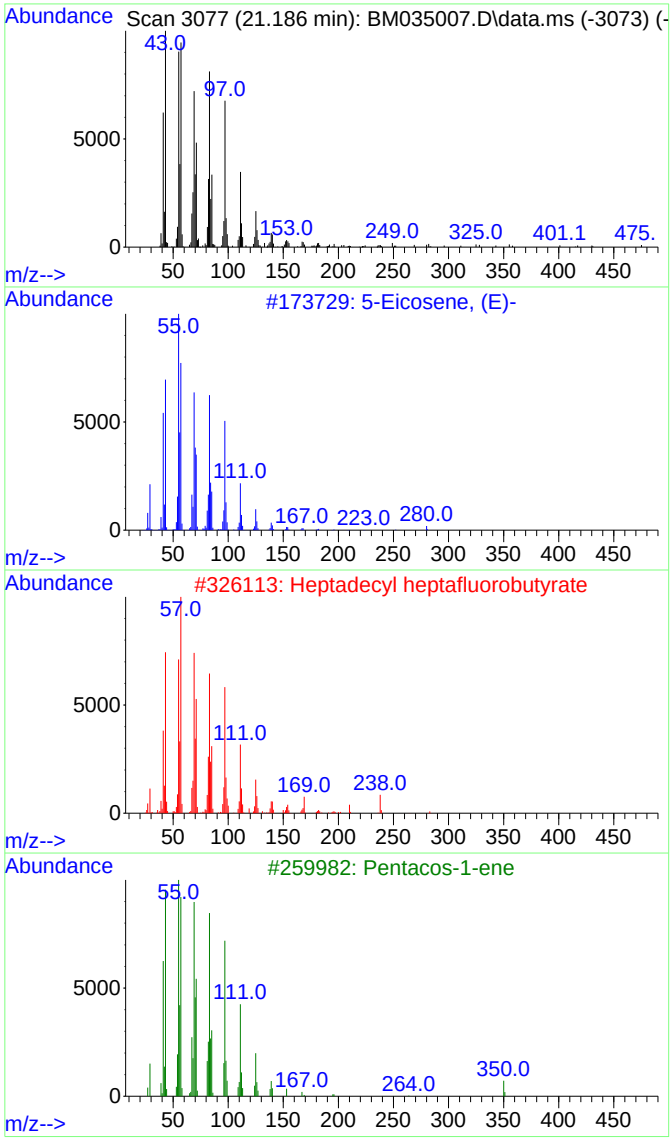
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

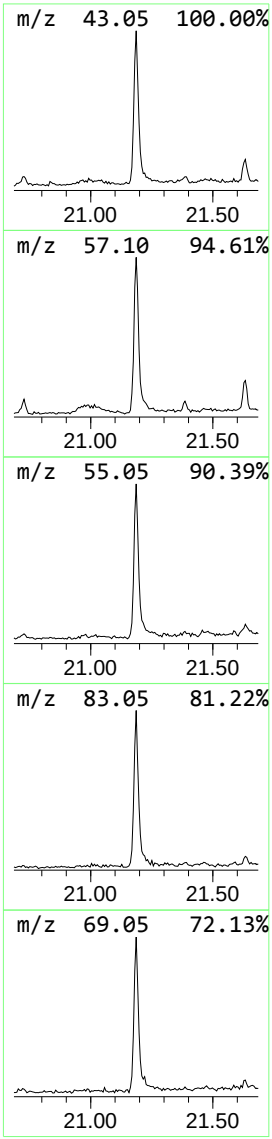
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	3.69 ng/ul	377662	Chrysene-d12	21.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	1-Hexacosene	364	C26H52	018835-33-1	93





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.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 ...	18.186	2.2	ng/ul	219243	4	17.292	2006520	20.0
(DEL) Alkane: S...	21.186	3.7	ng/ul	377662	5	21.462	2048140	20.0