LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051721\
Data File : BM030059.D
Acq On : 17 May 2021 19:17
Operator : CG/JU
Sample : M2427-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG1Z6

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-BM050721.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.728	647	653	670	rBV	41813	123359	4.58%	0.563%
2	6.875	673	678	692	rBV	224736	443871	16.49%	2.025%
3	7.063	704	710	724	rBV	291866	538817	20.02%	2.458%
4	7.522	782	788	801	rBV	309888	570024	21.18%	2.600%
5	7.645	807	809	813	rVB4	3457	3985	0.15%	0.018%
6	7.745	822	826	831	rVB6	4918	8286	0.31%	0.038%
7	8.051	876	878	883	rBV3	4090	4082	0.15%	0.019%
8	8.192	895	902	906	rBV6	3202	6813	0.25%	0.031%
9	8.251	906	912	931	rBV	139749	330072	12.26%	1.506%
10	8.381	932	934	938	rVB5	2398	3531	0.13%	0.016%
11	8.687	977	986	1009	rBV	288725	634883	23.59%	2.896%
12	9.092	1049	1055	1059	rVB4	6104	9061	0.34%	0.041%
13	9.398	1101	1107	1130	rBV	249092	523658	19.46%	2.389%
14	9.622	1144	1145	1151	rVB4	2263	2986	0.11%	0.014%
15	9.939	1192	1199	1213	rBV	208552	587548	21.83%	2.680%
16	10.298	1253	1260	1277	rBV	445435	788994	29.31%	3.599%
17	11.939	1533	1539	1545	rBV4	4057	10366	0.39%	0.047%
18	12.786	1679	1683	1687	rBV3	4591	6175	0.23%	0.028%
19	13.004	1716	1720	1725	rBV4	3832	6732	0.25%	0.031%
20	13.080	1730	1733	1737	rVB4	2672	3707	0.14%	0.017%
21	13.598	1815	1821	1838	rBV	766648	1208565	44.90%	5.513%
22	13.863	1859	1866	1880	rBV	912242	1408060	52.32%	6.424%
23	14.092	1902	1905	1909	rVB3	3438	4697	0.17%	0.021%
24	14.174	1913	1919	1933	rBV	657399	991000	36.82%	4.521%
25	14.539	1977	1981	1983	rBV5	2742	4660	0.17%	0.021%
26	14.986	2055	2057	2059	rBV2	2680	2746	0.10%	0.013%
27	15.051	2065	2068	2072	rVB4	3606	4842	0.18%	0.022%
28	15.174	2082	2089	2101	rBV	1182415	1816969	67.51%	8.289%
29	15.316	2108	2113	2127	rBV	300623	548705	20.39%	2.503%
30	15.421	2127	2131	2142	rVB3	19268	38566	1.43%	0.176%
31	15.657	2166	2171	2174	rBV6	1715	2904	0.11%	0.013%
32	15.974	2218	2225	2231	rVB9	3979	8440	0.31%	0.039%
33	16.080	2240	2243	2250	rBV7	2259	4143	0.15%	0.019%
34	16.163	2253	2257	2263	rVB2	8936	12764	0.47%	0.058%

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35	16.315	2280	2283	2285	rBV3	3521	3433	0.13%	0.016%
36	16.498	2308	2314	2318	rBV8	1789	3720	0.14%	0.017%
37	16.710	2347	2350	2352	rBV4	2890	3844	0.14%	0.018%
38	16.921	2380	2386	2397	rBV	753777	1089804	40.49%	4.972%
39	17.021	2397	2403	2423	rVV	1374697	2052282	76.25%	9.362%
40	17.721	2515	2522	2525	rBV7	2751	5471	0.20%	0.025%
41	17.833	2537	2541	2550	rBV2	55200	119749	4.45%	0.546%
42	17.904	2551	2553	2556	rVB4	5301	6664	0.25%	0.030%
43	18.333	2619	2626	2629	rBV9	2552	5302	0.20%	0.024%
44	18.586	2667	2669	2674	rVB6	4135	4162	0.15%	0.019%
45	18.962	2729	2733	2738	rBV	13534	20915	0.78%	0.095%
46	19.039	2744	2746	2748	rBV3	3047	3197	0.12%	0.015%
47	19.127	2756	2761	2770	rBV8	22650	55621	2.07%	0.254%
48	19.209	2772	2775	2782	rVB2	13069	22950	0.85%	0.105%
49	19.321	2788	2794	2808	rBV	1820908	2455403	91.23%	11.202%
50	20.839	3049	3052	3062	rVB3	99050	151674	5.64%	0.692%
51	21.115	3094	3099	3112	rBV	848827	1259150	46.78%	5.744%
52	23.127	3435	3441	3456	rVB2	1479235	2691480	100.00%	12.279%
53	23.262	3458	3464	3473	rVV2	701085	1301431	48.35%	5.937%

Sum of corrected areas: 21920263

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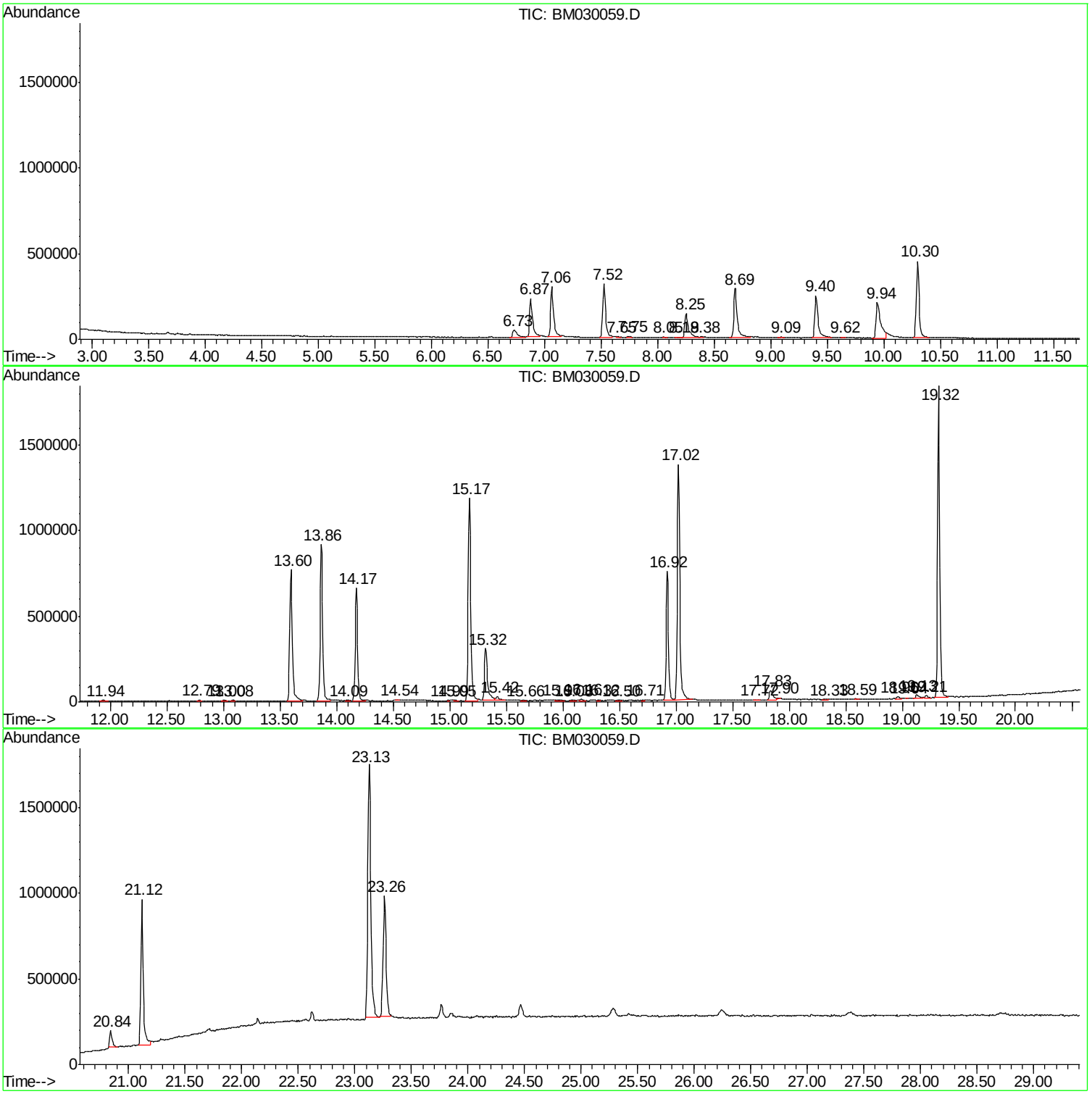
ClientSampleId : BG1Z6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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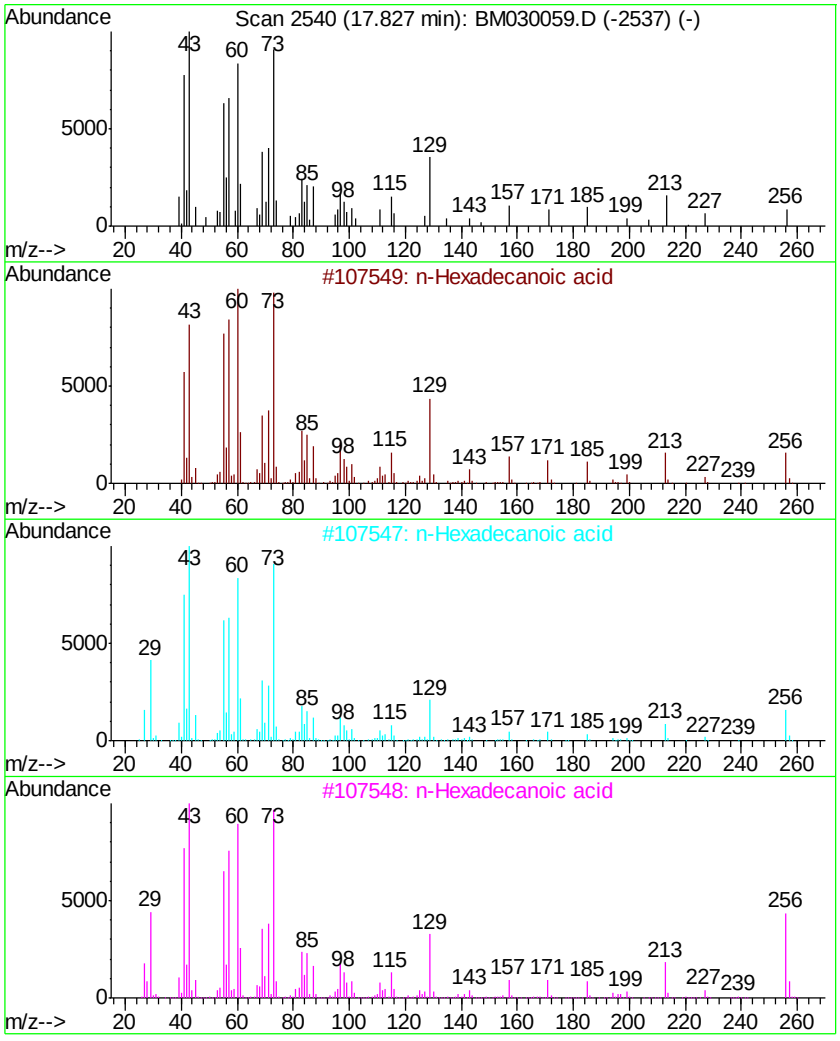
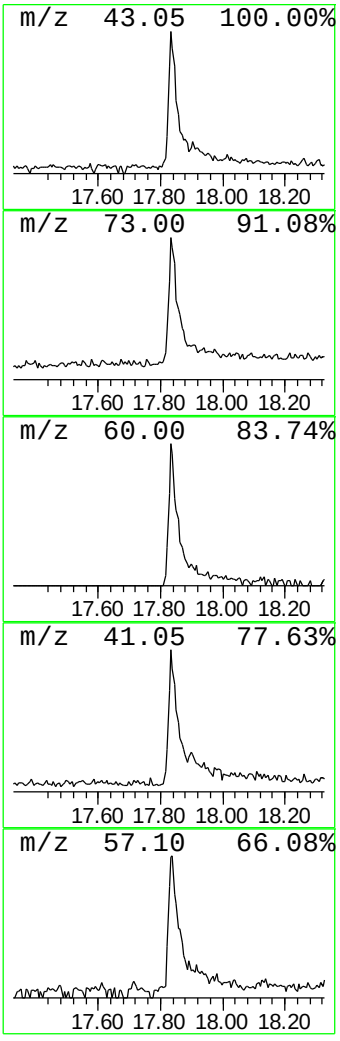
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.20 ng/ul	119749	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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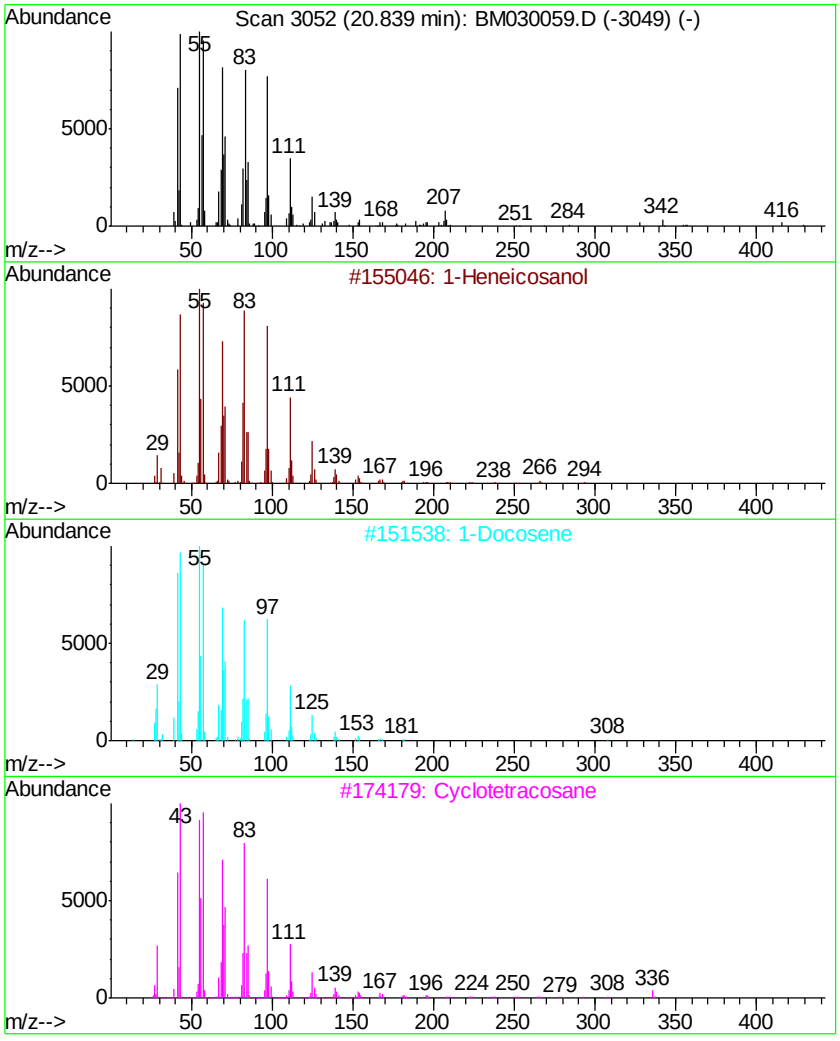
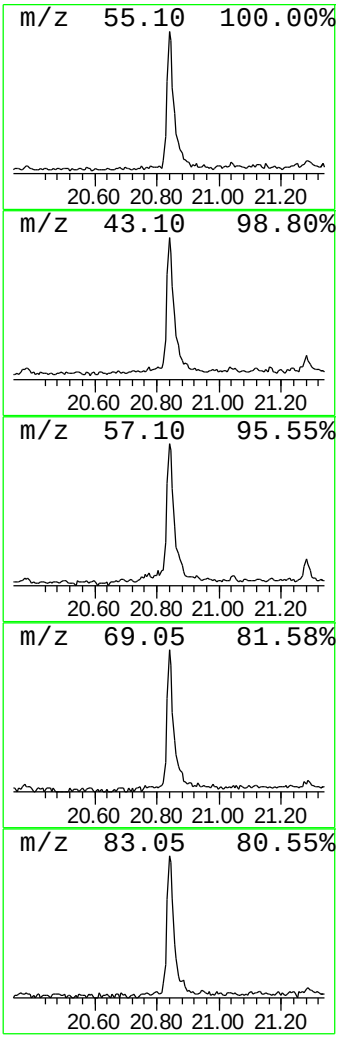
Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	2.41 ng/ul	151674	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	1-Docosene	308	C22H44	001599-67-3	93
3	Cyclotetracosane	336	C24H48	000297-03-0	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.83	2.2	ng/ul	119749	4	16.92	1089800	20.0
1-Heneicosanol	20.84	2.4	ng/ul	151674	5	21.12	1259150	20.0