LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030090.D
Acq On : 20 May 2021 15:27
Operator : CG/JU
Sample : M2463-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB3Z0

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	3.657	129	131	135	rVB	12767	15157	0.43%	0.054%
2	4.210	221	225	230	rVB3	13202	18283	0.52%	0.065%
3	4.263	230	234	239	rVB5	9104	14350	0.41%	0.051%
4	5.581	453	458	463	rVB3	5503	10390	0.30%	0.037%
5	5.928	515	517	521	rBV2	3227	3892	0.11%	0.014%
6	6.716	646	651	662	rBV	57098	138379	3.93%	0.495%
7	6.863	671	676	694	rBV	286078	550463	15.64%	1.969%
8	7.051	702	708	726	rBV	352702	644441	18.30%	2.306%
9	7.516	781	787	802	rVV	381636	682493	19.39%	2.442%
10	8.239	904	910	930	rVV	179065	408308	11.60%	1.461%
11	8.675	976	984	1002	rBV	362032	740411	21.03%	2.649%
12	9.086	1049	1054	1058	rVB5	6903	11926	0.34%	0.043%
13	9.386	1098	1105	1125	rBV	312135	631262	17.93%	2.258%
14	9.928	1191	1197	1230	rBV	288905	839928	23.86%	3.005%
15	10.286	1250	1258	1271	rBV	563544	955946	27.15%	3.420%
16	10.510	1292	1296	1297	rBV3	3919	4572	0.13%	0.016%
17	11.922	1532	1536	1538	rBV4	3018	4944	0.14%	0.018%
18	12.774	1677	1681	1685	rVB4	3423	4726	0.13%	0.017%
19	13.069	1727	1731	1736	rBV7	4301	7405	0.21%	0.026%
20	13.586	1813	1819	1825	rBV	979819	1435066	40.76%	5.134%
21	13.633	1825	1827	1839	rVB2	45156	81277	2.31%	0.291%
22	13.857	1858	1865	1885	rBV	1117986	1704037	48.40%	6.097%
23	14.163	1911	1917	1928	rBV	809340	1215932	34.54%	4.350%
24	14.504	1967	1975	1978	rBV6	7257	18524	0.53%	0.066%
25	14.616	1989	1994	2009	rBV2	65070	128074	3.64%	0.458%
26	14.980	2051	2056	2060	rBV	15796	23588	0.67%	0.084%
27	15.163	2081	2087	2106	rBV	1469823	2186968	62.12%	7.824%
28	15.304	2106	2111	2125	rVV	456806	794367	22.56%	2.842%
29	15.410	2125	2129	2137	rVV3	23310	49598	1.41%	0.177%
30	15.892	2209	2211	2218	rBV6	2670	4973	0.14%	0.018%
31	15.951	2218	2221	2224	rBV4	4078	4347	0.12%	0.016%
32	16.362	2286	2291	2293	rBV6	4048	6042	0.17%	0.022%
33	16.704	2347	2349	2353	rVB5	3773	5275	0.15%	0.019%
34	16.915	2378	2385	2395	rBV	919165	1335550	37.94%	4.778%

LSC Area Percent Report

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Title : SVOA CALIBRATION

35	17.009	2395	2401	2418	rVV	1696426	2563039	72.80%	9.170%
36	17.221	2433	2437	2442	rVB2	4156	6635	0.19%	0.024%
37	17.427	2469	2472	2476	rVB4	4057	4729	0.13%	0.017%
38	17.598	2497	2501	2508	rBV9	4939	8836	0.25%	0.032%
39	17.827	2534	2540	2548	rBV	143079	270907	7.69%	0.969%
40	18.115	2586	2589	2592	rVB4	4907	5897	0.17%	0.021%
41	18.627	2672	2676	2681	rBV7	4128	8027	0.23%	0.029%
42	18.880	2715	2719	2721	rBV5	3266	4808	0.14%	0.017%
43	18.951	2728	2731	2737	rBV	17817	27906	0.79%	0.100%
44	19.115	2755	2759	2770	rBV3	50445	107702	3.06%	0.385%
45	19.203	2770	2774	2778	rVB2	17013	26023	0.74%	0.093%
46	19.309	2787	2792	2803	rBV	2179501	3118283	88.57%	11.156%
47	20.833	3046	3051	3060	rBV	307620	497034	14.12%	1.778%
48	21.103	3093	3097	3109	rBV	1032048	1479161	42.01%	5.292%
49	23.109	3432	3438	3451	rBV2	1885438	3520614	100.00%	12.596%
50	23.250	3456	3462	3475	rVB	840614	1620494	46.03%	5.798%

Sum of corrected areas: 27950989

LSC Report - Integrated Chromatogram

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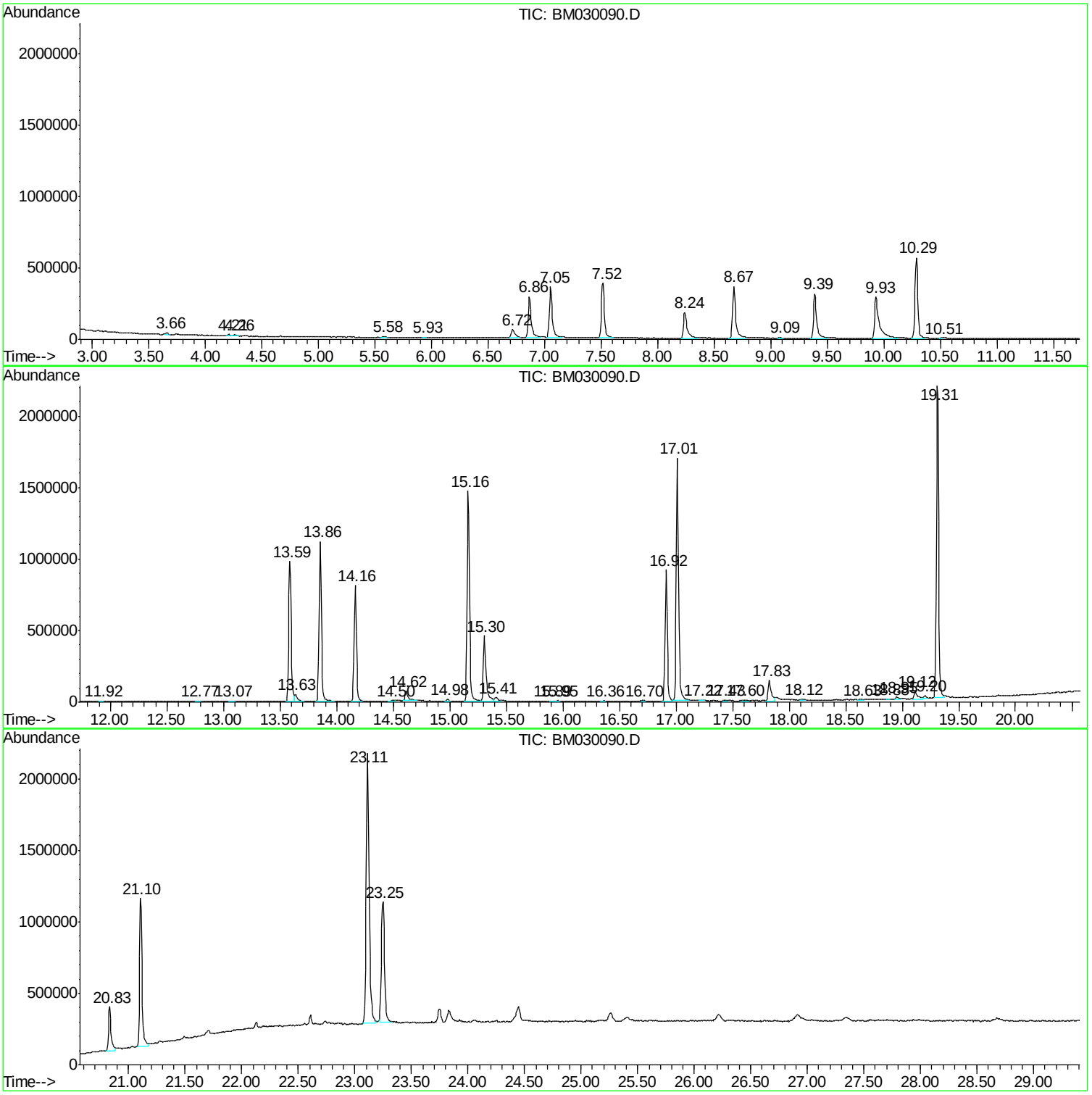
Sample : M2463-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3Z0

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030090.D
Acq On : 20 May 2021 15:27
Operator : CG/JU
Sample : M2463-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB3Z0

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

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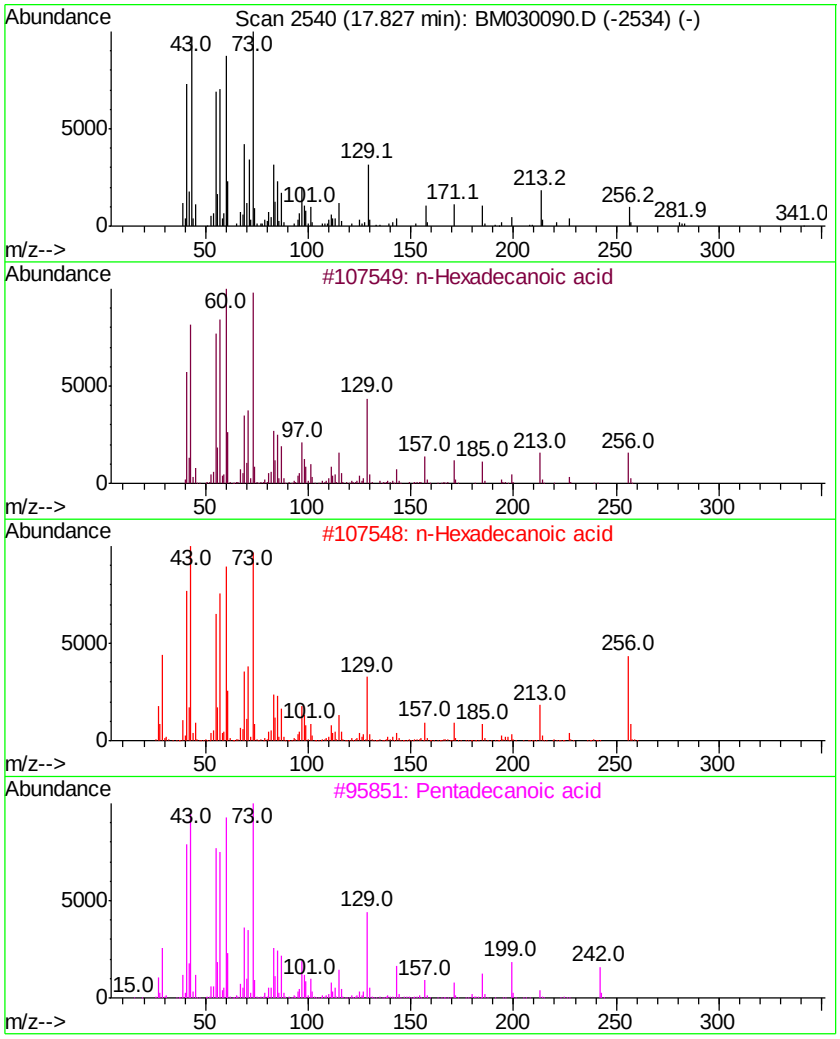
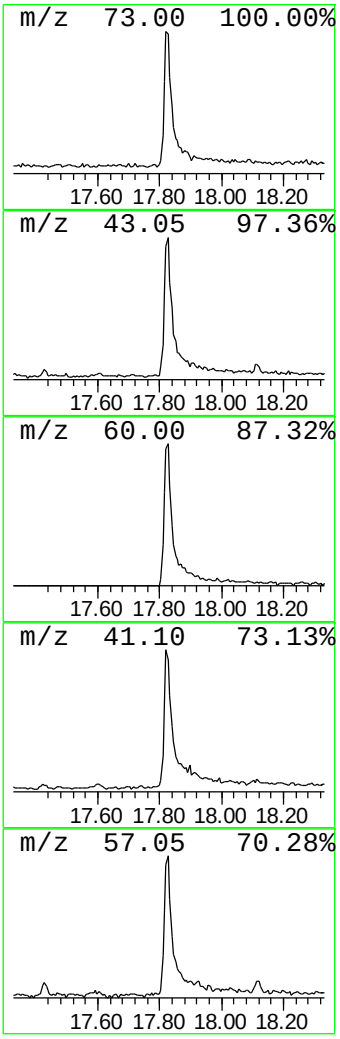
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	4.06 ng/ul	270907	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	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB3Z0

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

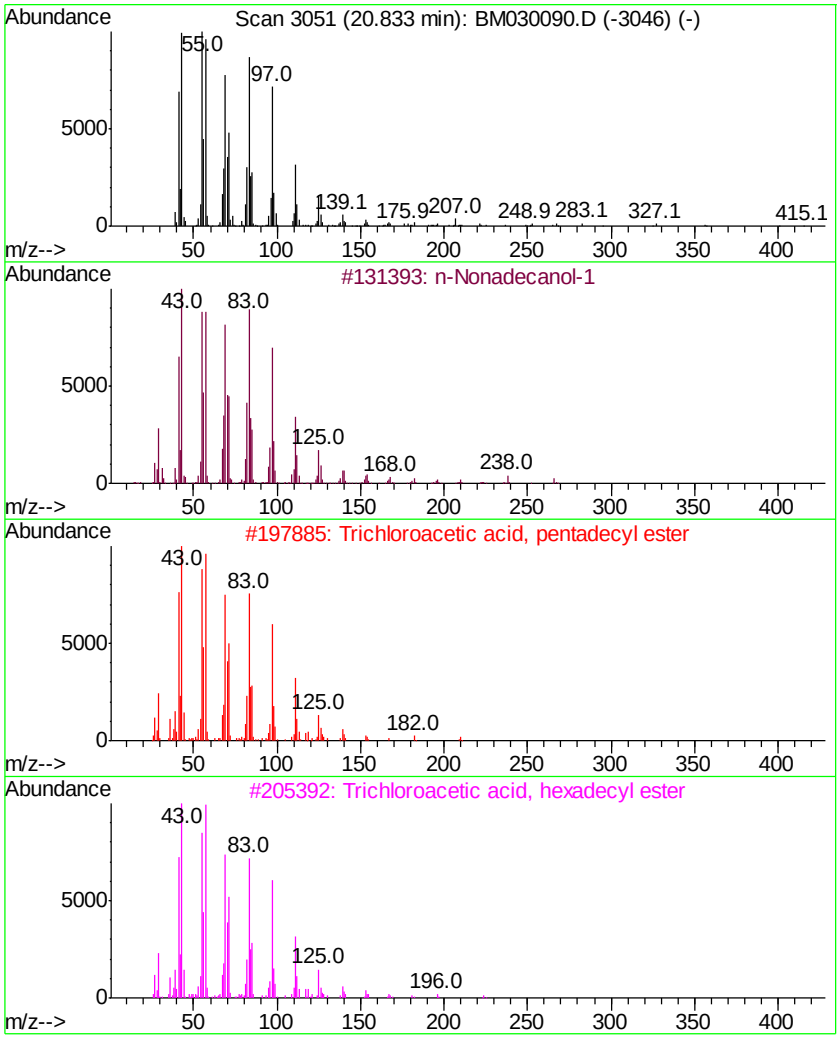
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

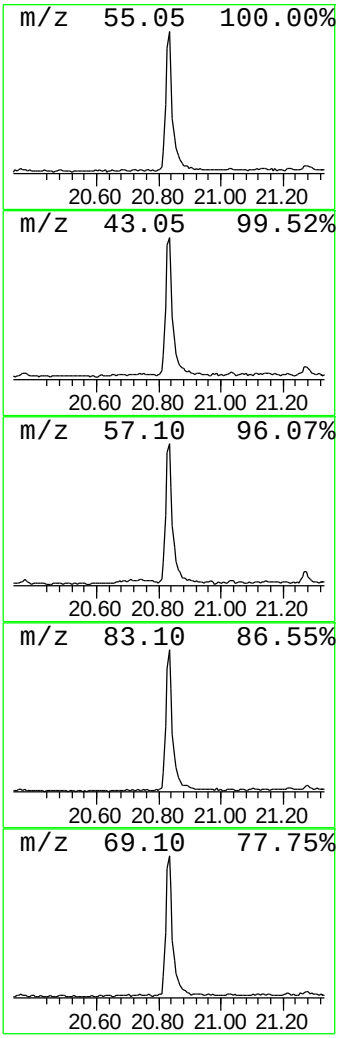
****

Peak Number 2 n-Nonadecanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	6.72 ng/ul	497034	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Cyclotetracosane	336	C24H48	000297-03-0	93
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
ClientSampleId : GB3Z0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.83	4.1	ng/ul	270907	4	16.92	1335550	20.0
n-Nonadecanol-1	20.83	6.7	ng/ul	497034	5	21.10	1479160	20.0