

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
 Data File : BM030100.D
 Acq On : 20 May 2021 21:33
 Operator : CG/JU
 Sample : M2463-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB3Y6

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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	3.034	23	25	36	rVB	25007	47236	1.26%	0.131%
2	3.657	126	131	138	rBV3	16234	30331	0.81%	0.084%
3	3.751	143	147	151	rVB2	9245	12786	0.34%	0.035%
4	4.257	229	233	242	rVB	45658	74974	2.00%	0.207%
5	5.934	514	518	520	rBV3	4058	4286	0.11%	0.012%
6	6.710	645	650	668	rBV	85565	222195	5.93%	0.614%
7	6.863	671	676	695	rVV	396111	718834	19.20%	1.987%
8	7.051	702	708	725	rBV	480283	855912	22.86%	2.366%
9	7.510	780	786	801	rBV	556660	983430	26.27%	2.719%
10	8.234	903	909	931	rBV	283509	608777	16.26%	1.683%
11	8.669	976	983	1002	rBV	527696	1001798	26.76%	2.770%
12	9.081	1048	1053	1059	rVB	11753	19033	0.51%	0.053%
13	9.386	1098	1105	1123	rBV	446006	851541	22.74%	2.354%
14	9.922	1190	1196	1226	rBV	453151	1136933	30.37%	3.143%
15	10.280	1250	1257	1278	rBV	816803	1430584	38.21%	3.955%
16	10.486	1287	1292	1293	rBV	17077	24521	0.65%	0.068%
17	11.569	1471	1476	1480	rVB5	6550	9611	0.26%	0.027%
18	11.916	1531	1535	1545	rBV3	5269	12643	0.34%	0.035%
19	12.774	1675	1681	1687	rVB6	2995	5008	0.13%	0.014%
20	13.074	1726	1732	1737	rBV4	4054	7131	0.19%	0.020%
21	13.145	1737	1744	1752	rVV6	2868	5746	0.15%	0.016%
22	13.586	1812	1819	1825	rBV	1352126	1933961	51.65%	5.347%
23	13.633	1825	1827	1839	rVB	57423	95282	2.54%	0.263%
24	13.851	1858	1864	1879	rBV	1606128	2334041	62.34%	6.453%
25	14.163	1909	1917	1930	rBV	1300782	1895793	50.63%	5.241%
26	14.480	1965	1971	1972	rBV5	8777	15036	0.40%	0.042%
27	14.980	2050	2056	2060	rBV	21555	29138	0.78%	0.081%
28	15.162	2080	2087	2105	rBV	2079941	3037218	81.12%	8.397%
29	15.304	2105	2111	2125	rVV	640117	1048761	28.01%	2.899%
30	15.410	2125	2129	2143	rVB2	29963	66043	1.76%	0.183%
31	15.957	2218	2222	2227	rBV4	5771	8457	0.23%	0.023%
32	16.598	2327	2331	2335	rBV6	3224	4871	0.13%	0.013%
33	16.704	2345	2349	2354	rBV5	6084	12033	0.32%	0.033%
34	16.909	2378	2384	2395	rBV	1390029	1997255	53.34%	5.522%

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35	17.009	2395	2401	2417	rVV2	2236411	3380561	90.29%	9.346%
36	17.592	2495	2500	2507	rBV2	4930	11515	0.31%	0.032%
37	17.821	2534	2539	2548	rBV	118786	212322	5.67%	0.587%
38	18.627	2672	2676	2679	rBV5	4572	7322	0.20%	0.020%
39	18.950	2727	2731	2739	rBV	19198	29974	0.80%	0.083%
40	19.115	2754	2759	2767	rBV3	32863	69250	1.85%	0.191%
41	19.203	2770	2774	2780	rVB	17952	29664	0.79%	0.082%
42	19.309	2786	2792	2811	rBV	2781707	3744107	100.00%	10.351%
43	19.845	2880	2883	2887	rBV6	11766	18216	0.49%	0.050%
44	20.827	3046	3050	3061	rBV	286390	471049	12.58%	1.302%
45	21.103	3092	3097	3112	rBV	1400475	1945915	51.97%	5.380%
46	22.603	3349	3352	3358	rVB2	83805	109127	2.91%	0.302%
47	23.109	3432	3438	3453	rBV2	1993595	3688028	98.50%	10.196%
48	23.244	3455	3461	3471	rVB2	1016891	1912198	51.07%	5.287%

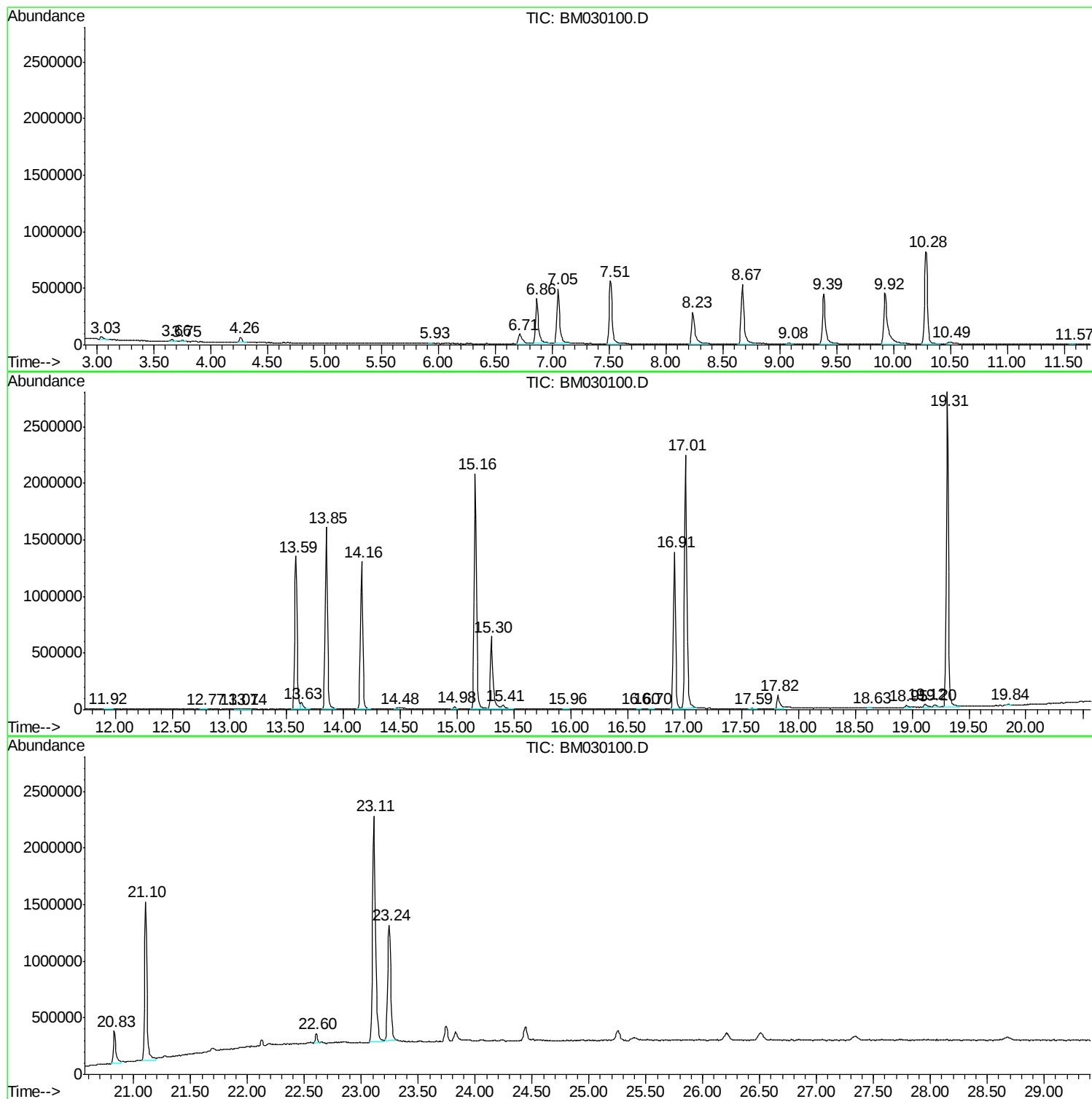
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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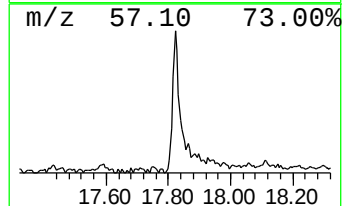
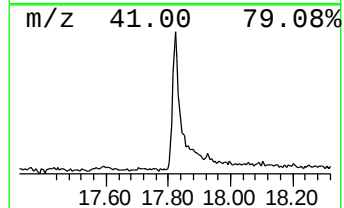
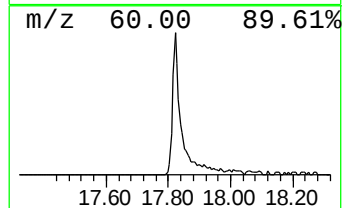
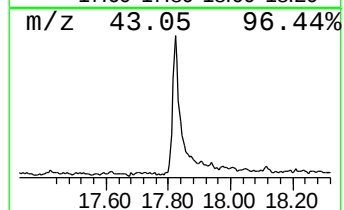
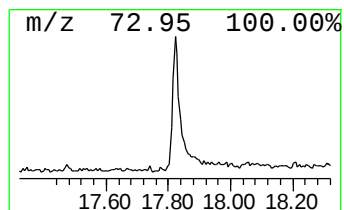
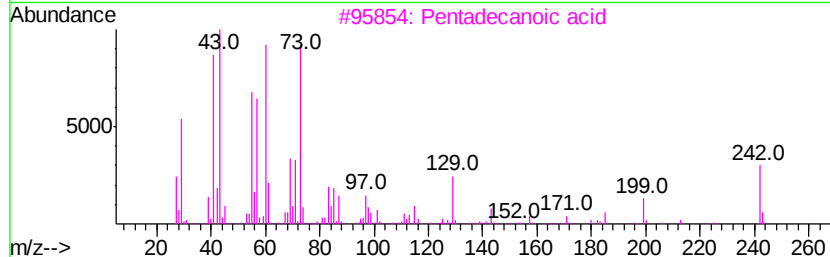
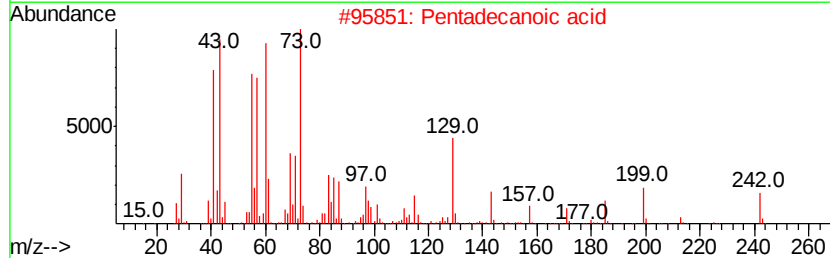
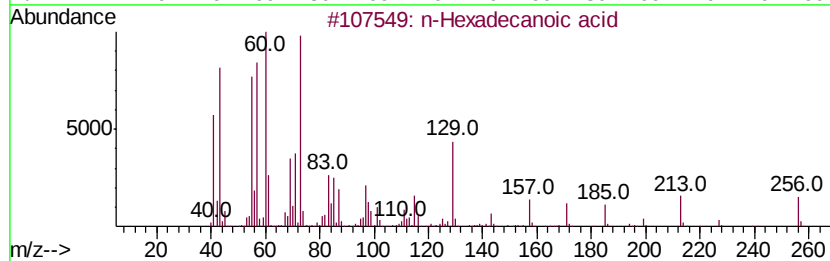
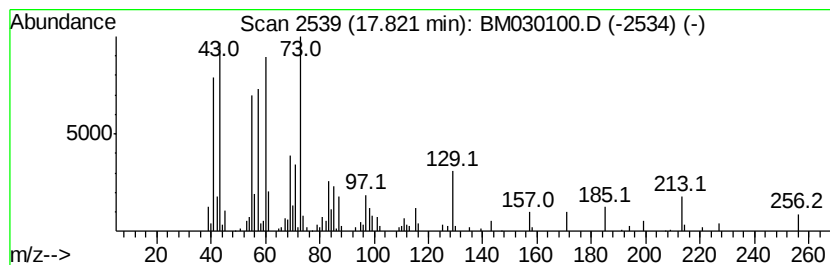
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.13 ng/ul	212322	Phenanthrene-d10	16.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5			Tridecanoic acid	214	C13H26O2	000638-53-9	81



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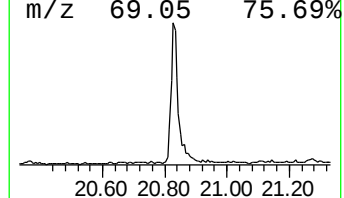
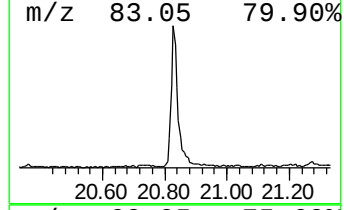
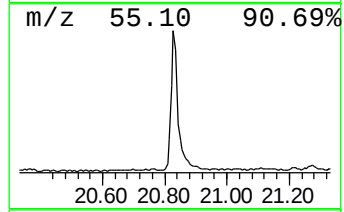
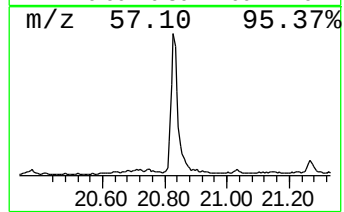
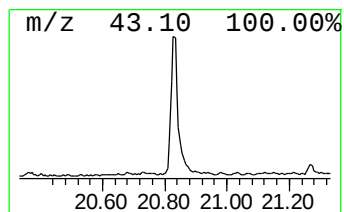
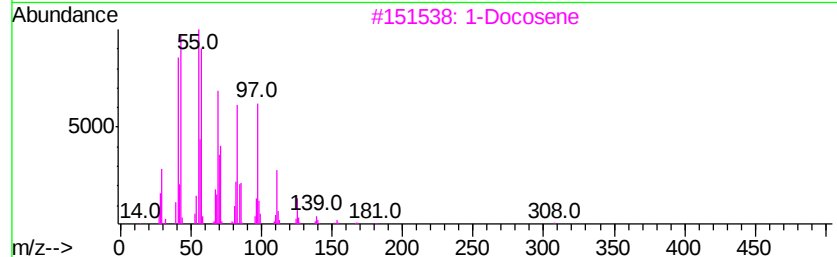
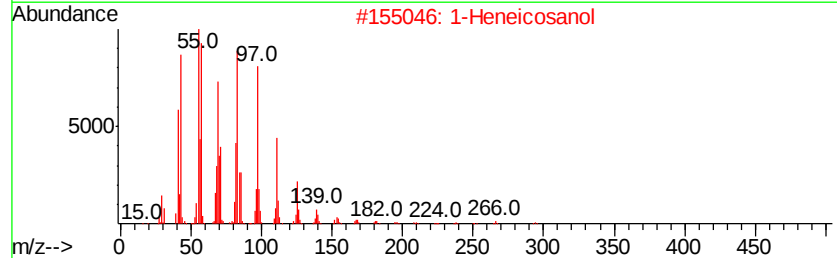
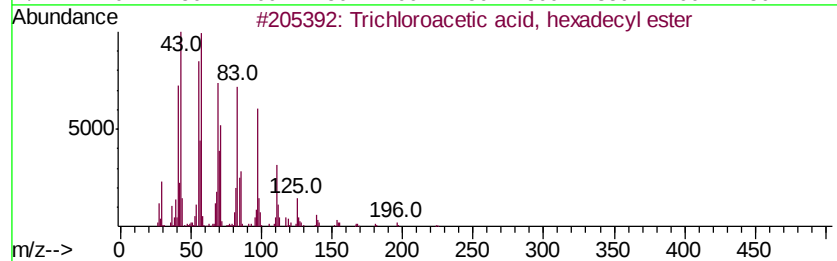
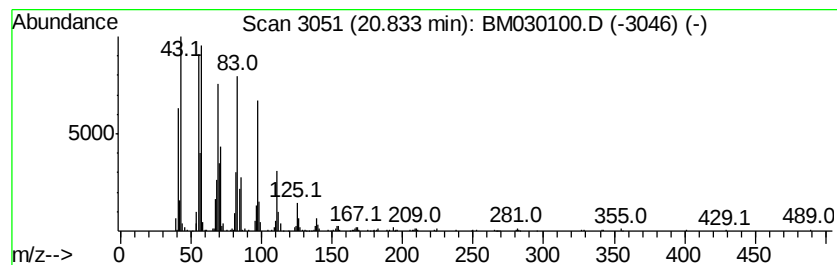
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Peak Number 2 Trichloroacetic acid, hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	4.84 ng/ul	471049	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	91
3		1-Docosene	308	C22H44	001599-67-3	91
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5		Behenic alcohol	326	C22H46O	000661-19-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.82	2.1	ng/ul	212322	4	16.91	1997260	20.0
Trichloroacetic a...	20.83	4.8	ng/ul	471049	5	21.10	1945920	20.0