

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051521\
 Data File : BM030048.D
 Acq On : 15 May 2021 14:15
 Operator : CG/JU
 Sample : M2397-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG1Y9

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	3.675	130	134	139	rVB	16479	25147	0.80%	0.079%
2	3.763	147	149	154	rVB5	9026	11680	0.37%	0.037%
3	3.863	164	166	171	rVB5	6792	9344	0.30%	0.029%
4	4.246	227	231	241	rVB	23093	36198	1.15%	0.113%
5	4.810	325	327	333	rVB6	6929	10377	0.33%	0.032%
6	4.975	351	355	358	rVB5	3522	5574	0.18%	0.017%
7	5.228	395	398	404	rVB5	8825	11529	0.37%	0.036%
8	5.399	423	427	433	rBV6	4298	10310	0.33%	0.032%
9	5.622	462	465	469	rBV6	3946	5490	0.17%	0.017%
10	5.740	481	485	489	rBV5	5467	8643	0.27%	0.027%
11	6.328	582	585	590	rVB5	4050	6350	0.20%	0.020%
12	6.440	602	604	611	rVB6	3528	5776	0.18%	0.018%
13	6.728	647	653	671	rBV	91936	217038	6.88%	0.680%
14	6.881	673	679	698	rBV	394708	757906	24.02%	2.373%
15	7.069	704	711	732	rBV	494289	900432	28.54%	2.819%
16	7.528	783	789	803	rBV	496997	865694	27.44%	2.711%
17	8.251	906	912	926	rBV	296094	606492	19.22%	1.899%
18	8.687	979	986	1009	rBV	558981	1060710	33.62%	3.321%
19	8.863	1014	1016	1024	rVB8	4436	9540	0.30%	0.030%
20	9.098	1053	1056	1060	rVB4	3676	5415	0.17%	0.017%
21	9.404	1101	1108	1130	rBV	453269	883462	28.00%	2.766%
22	9.939	1192	1199	1230	rBV	456890	1165568	36.94%	3.650%
23	10.304	1253	1261	1277	rBV	712777	1265167	40.10%	3.962%
24	10.510	1290	1296	1304	rBV6	9193	28558	0.91%	0.089%
25	11.927	1533	1537	1541	rBV5	6545	11508	0.36%	0.036%
26	13.080	1729	1733	1738	rVB3	5947	9589	0.30%	0.030%
27	13.598	1815	1821	1827	rBV	1286753	1853718	58.76%	5.804%
28	13.645	1827	1829	1838	rVB	60893	103538	3.28%	0.324%
29	13.869	1860	1867	1891	rBV	1588435	2335824	74.04%	7.314%
30	14.180	1912	1920	1932	rBV	1081543	1602265	50.79%	5.017%
31	14.463	1964	1968	1970	rBV4	9720	13990	0.44%	0.044%
32	15.180	2083	2090	2108	rBV	1917330	2889862	91.60%	9.049%
33	15.316	2108	2113	2128	rVV	533088	902340	28.60%	2.825%
34	15.421	2128	2131	2144	rVB	27021	55037	1.74%	0.172%

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35	15.563	2152	2155	2159	rVB5	2385	3838	0.12%	0.012%
36	15.968	2219	2224	2232	rVB7	7138	13297	0.42%	0.042%
37	16.615	2329	2334	2336	rBV4	2916	3189	0.10%	0.010%
38	16.721	2348	2352	2359	rBV6	4847	8141	0.26%	0.025%
39	16.927	2380	2387	2397	rBV	1102798	1632777	51.75%	5.113%
40	17.027	2397	2404	2431	rVB	1945358	2998019	95.03%	9.387%
41	17.345	2455	2458	2461	rBV4	2768	4138	0.13%	0.013%
42	17.439	2471	2474	2478	rBV5	2015	3651	0.12%	0.011%
43	17.839	2537	2542	2551	rBV	112161	220653	6.99%	0.691%
44	18.133	2586	2592	2596	rBV7	2496	4511	0.14%	0.014%
45	18.709	2688	2690	2694	rVV5	2449	3540	0.11%	0.011%
46	18.968	2730	2734	2740	rBV	17737	33584	1.06%	0.105%
47	19.127	2757	2761	2772	rBV3	40190	92087	2.92%	0.288%
48	19.215	2772	2776	2780	rVB2	14581	23264	0.74%	0.073%
49	19.327	2788	2795	2811	rBV	2204491	3154937	100.00%	9.879%
50	20.839	3049	3052	3063	rBV	153796	262902	8.33%	0.823%
51	21.115	3094	3099	3113	rBV	982596	1504139	47.68%	4.710%
52	23.133	3435	3442	3457	rBV2	1470097	2827796	89.63%	8.854%
53	23.262	3459	3464	3479	rVB2	744035	1451862	46.02%	4.546%

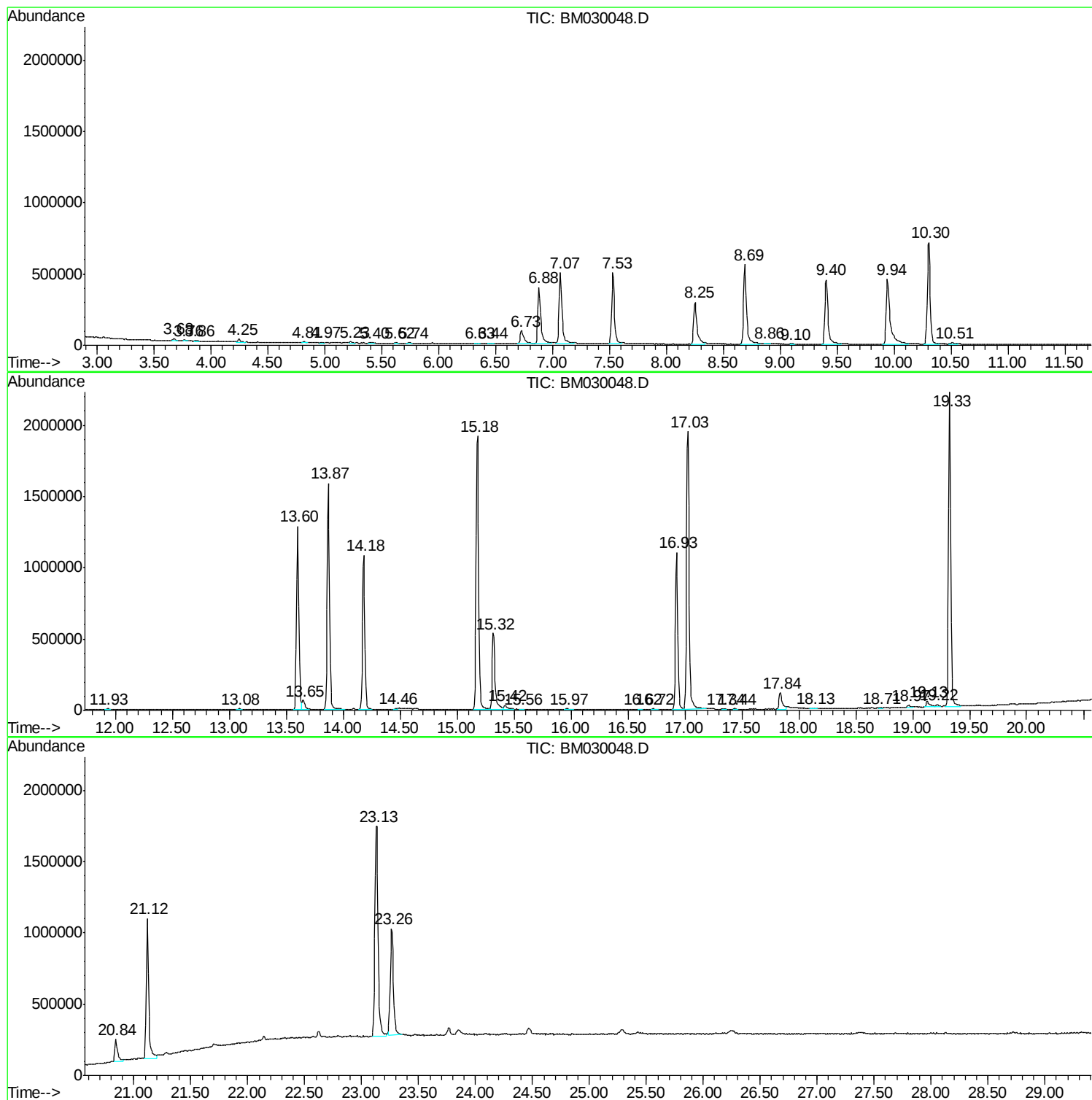
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



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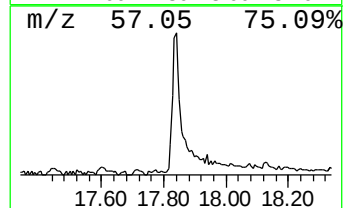
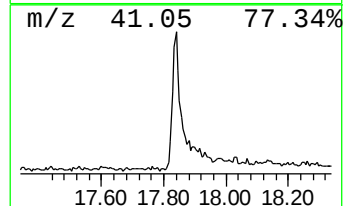
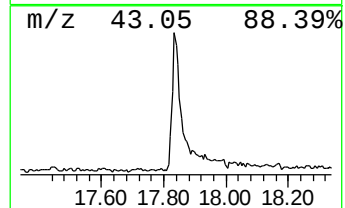
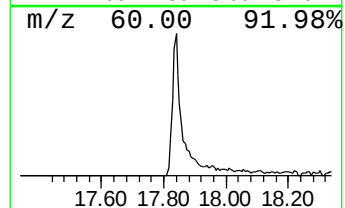
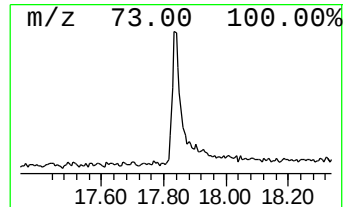
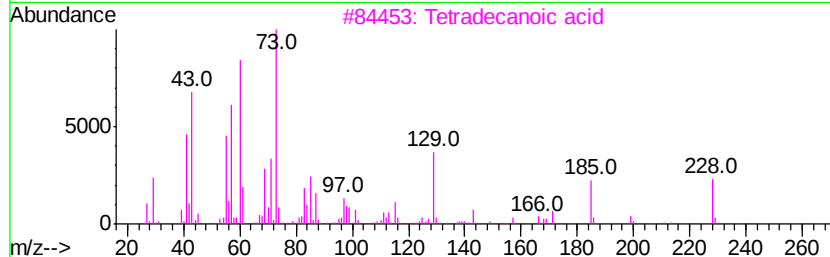
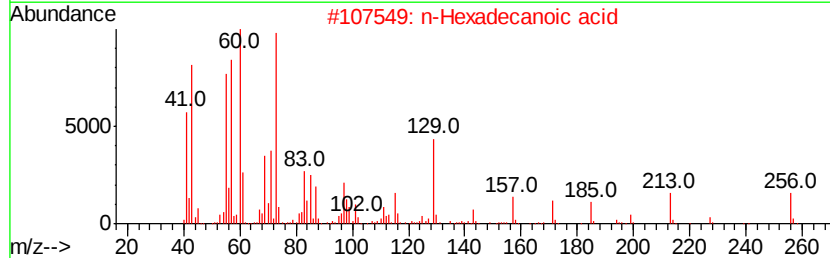
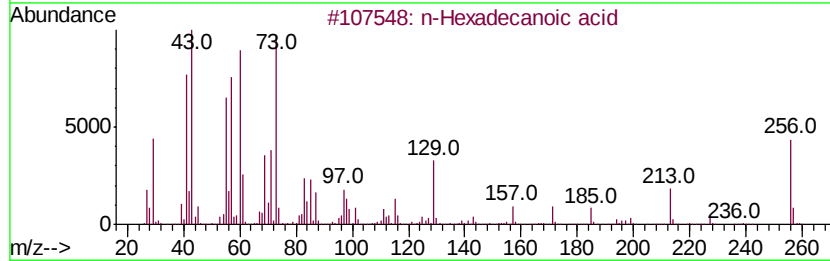
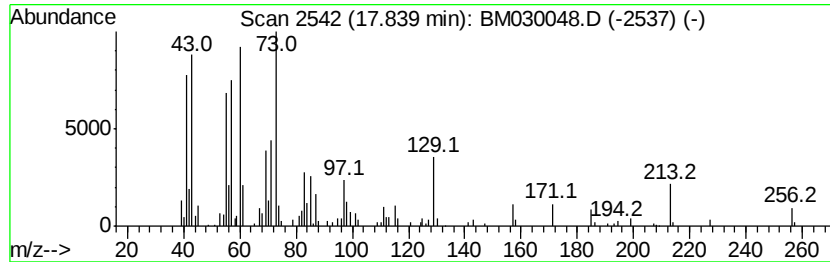
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.84	2.70 ng/ul	220653	Phenanthrene-d10	16.93		
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	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	



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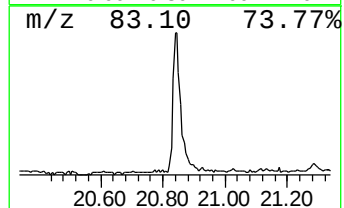
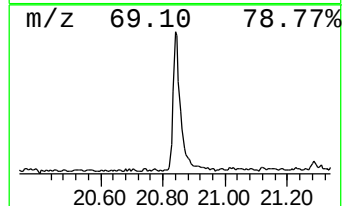
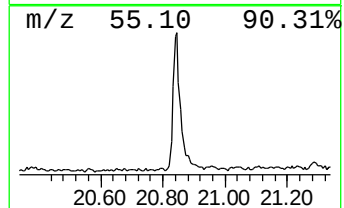
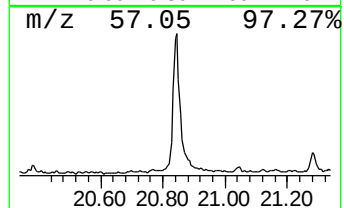
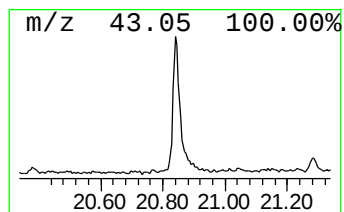
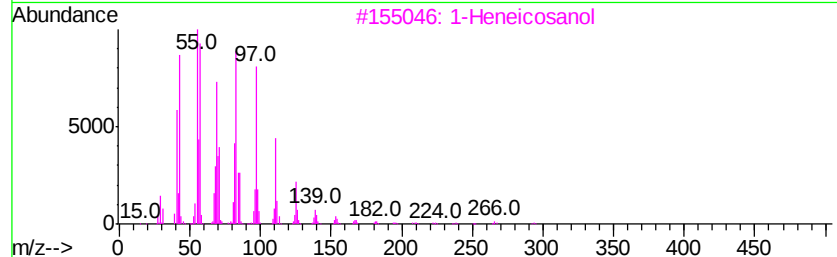
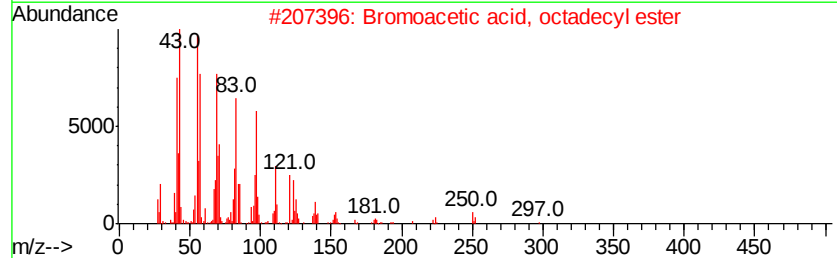
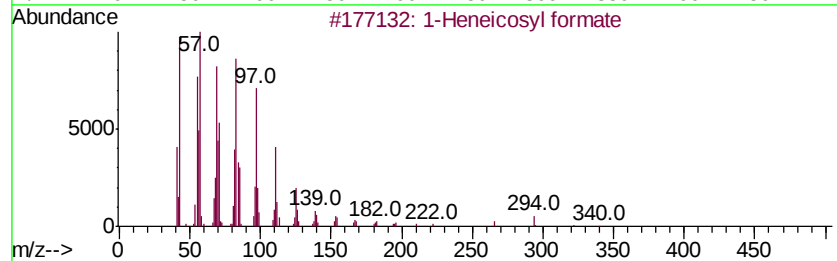
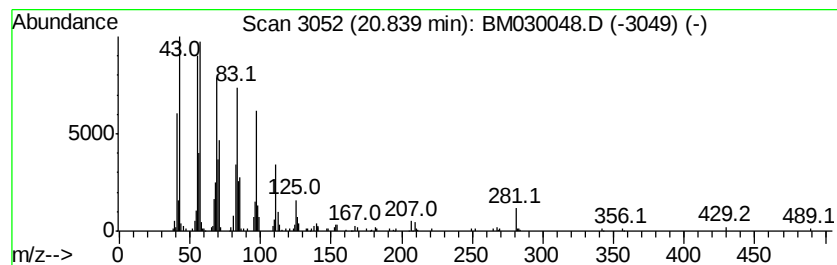
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TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	3.50 ng/ul	262902	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	94
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5		5-Octadecene, (E)-	252	C18H36	007206-21-5	91



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	2.7	ng/ul	220653	4	16.93	1632780	20.0
1-Heneicosyl formate	20.84	3.5	ng/ul	262902	5	21.12	1504140	20.0