

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
 Data File : BM029937.D
 Acq On : 11 May 2021 11:11
 Operator : CG/JU
 Sample : M2197-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YARG0

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	6.740	651	655	667	rVB2	132277	280728	6.81%	0.827%
2	6.898	677	682	698	rVB	442551	812329	19.71%	2.392%
3	7.087	709	714	727	rVB	529151	911350	22.11%	2.683%
4	7.551	787	793	805	rVB	427395	726497	17.62%	2.139%
5	8.269	909	915	926	rBV	346256	623809	15.13%	1.837%
6	8.704	983	989	1004	rBV	561775	994210	24.12%	2.927%
7	9.422	1105	1111	1130	rBV	458971	795952	19.31%	2.343%
8	9.957	1196	1202	1218	rBV	577607	1141730	27.70%	3.362%
9	10.322	1257	1264	1273	rBV	635821	1063077	25.79%	3.130%
10	10.492	1287	1293	1308	rVB3	29030	78675	1.91%	0.232%
11	11.939	1533	1539	1545	rBV5	5946	13185	0.32%	0.039%
12	13.027	1719	1724	1733	rBV	12460	17724	0.43%	0.052%
13	13.616	1818	1824	1830	rBV	1440330	2037696	49.43%	6.000%
14	13.663	1830	1832	1841	rVB	80587	115308	2.80%	0.339%
15	13.886	1863	1870	1880	rBV	1689225	2463452	59.76%	7.253%
16	14.116	1904	1909	1913	rVB4	6991	10289	0.25%	0.030%
17	14.198	1916	1923	1933	rBV	982933	1434152	34.79%	4.223%
18	14.451	1961	1966	1971	rBV4	18074	41584	1.01%	0.122%
19	14.645	1996	1999	2004	rVB5	4980	6154	0.15%	0.018%
20	15.068	2068	2071	2075	rVB2	5615	6747	0.16%	0.020%
21	15.198	2086	2093	2104	rBV	2142528	3140148	76.18%	9.245%
22	15.333	2110	2116	2130	rBV	591395	817441	19.83%	2.407%
23	15.439	2130	2134	2146	rVB4	25887	47536	1.15%	0.140%
24	15.680	2172	2175	2180	rVB4	2698	5120	0.12%	0.015%
25	15.927	2214	2217	2220	rBV4	4043	5657	0.14%	0.017%
26	15.980	2223	2226	2231	rVB3	8120	11264	0.27%	0.033%
27	16.186	2257	2261	2267	rVB	13497	17779	0.43%	0.052%
28	16.339	2284	2287	2292	rVB6	4974	6429	0.16%	0.019%
29	16.627	2334	2336	2341	rVB5	4302	4779	0.12%	0.014%
30	16.727	2347	2353	2360	rBV4	16348	33861	0.82%	0.100%
31	16.945	2383	2390	2400	rBV	1143703	1572067	38.14%	4.629%
32	17.045	2400	2407	2422	rVV	2593212	3723470	90.33%	10.963%
33	17.851	2539	2544	2554	rBV2	102699	202054	4.90%	0.595%
34	18.162	2595	2597	2604	rVB7	2650	4652	0.11%	0.014%

LSC Area Percent Report

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35	18.909	2721	2724	2728	rBV6	2636	4145	0.10%	0.012%
36	18.980	2732	2736	2741	rVV	22759	30936	0.75%	0.091%
37	19.139	2759	2763	2772	rBV2	43523	81834	1.99%	0.241%
38	19.227	2774	2778	2785	rVB	23652	36944	0.90%	0.109%
39	19.345	2791	2798	2806	rBV	3014232	4122213	100.00%	12.137%
40	20.856	3051	3055	3065	rBV	198765	356609	8.65%	1.050%
41	21.133	3097	3102	3112	rBV	1042393	1393486	33.80%	4.103%
42	22.639	3355	3358	3363	rVB	90337	116423	2.82%	0.343%
43	23.150	3438	3445	3459	rBV2	1781812	3366707	81.67%	9.912%
44	23.286	3462	3468	3476	rVV2	709840	1288144	31.25%	3.793%

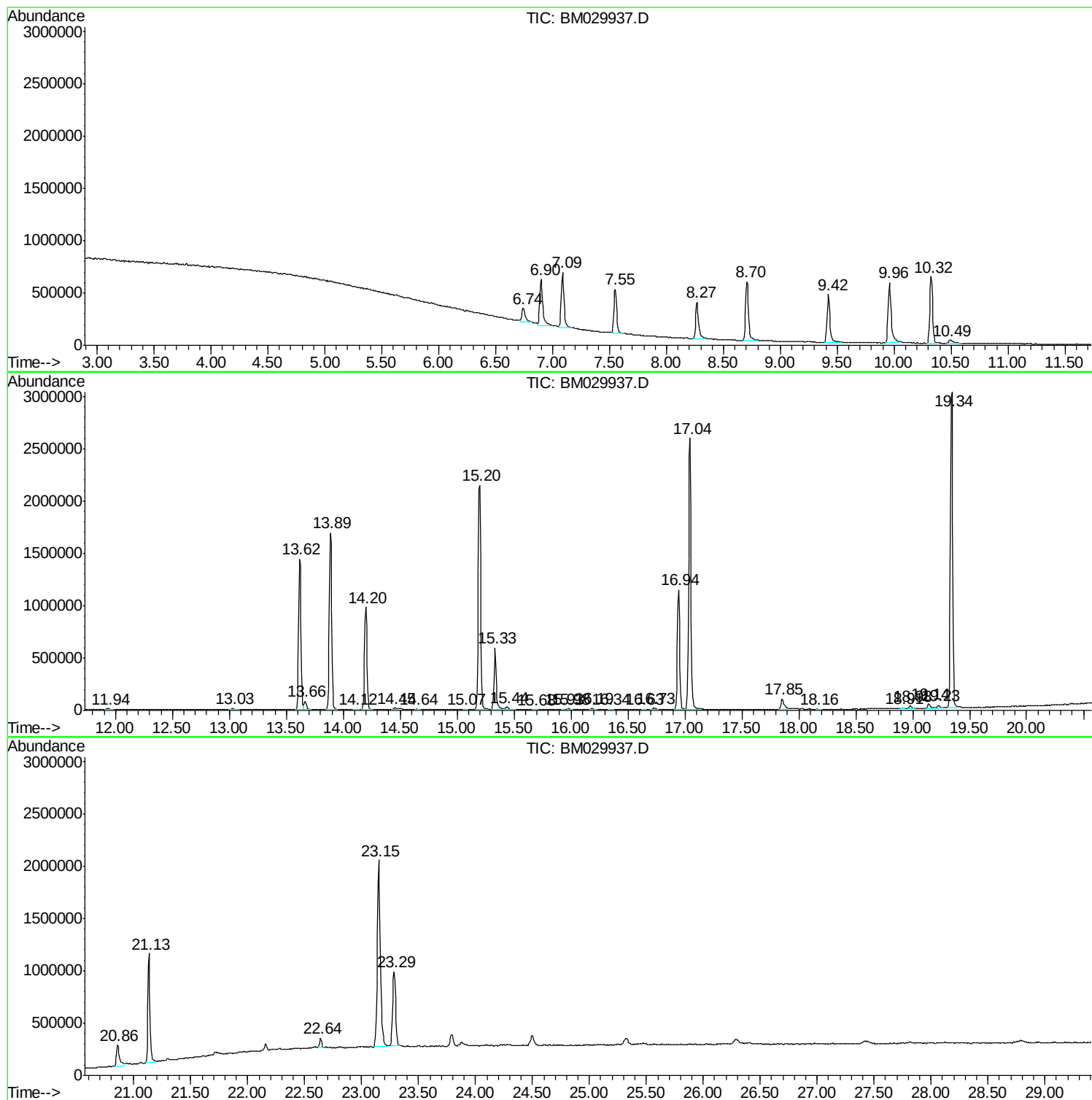
Sum of corrected areas: 33964346

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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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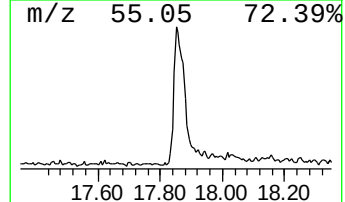
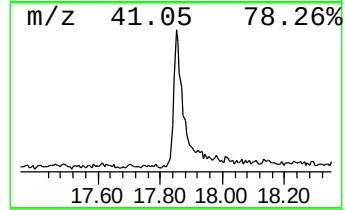
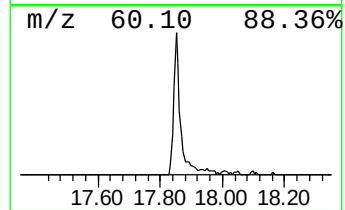
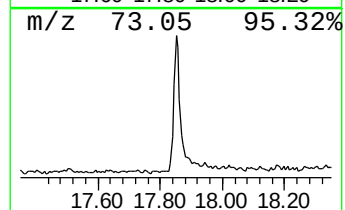
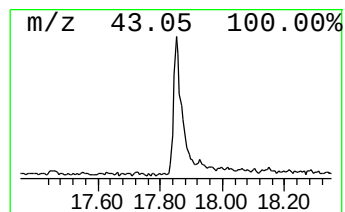
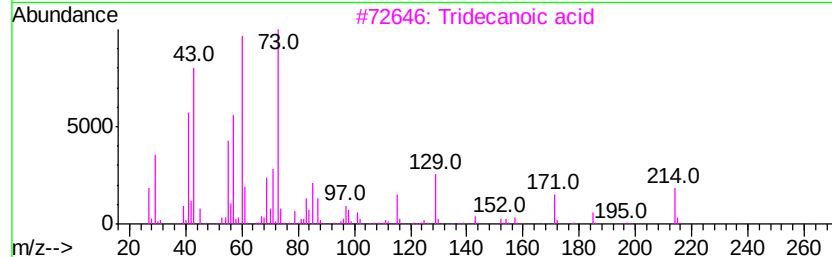
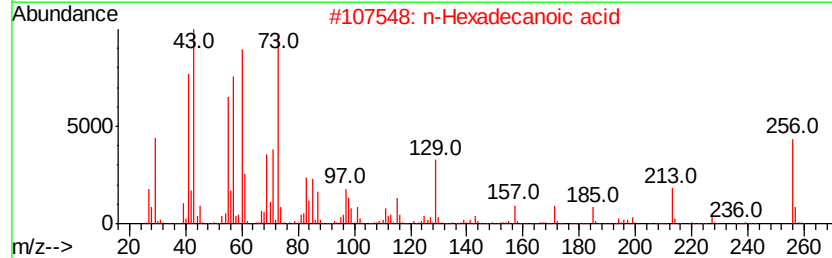
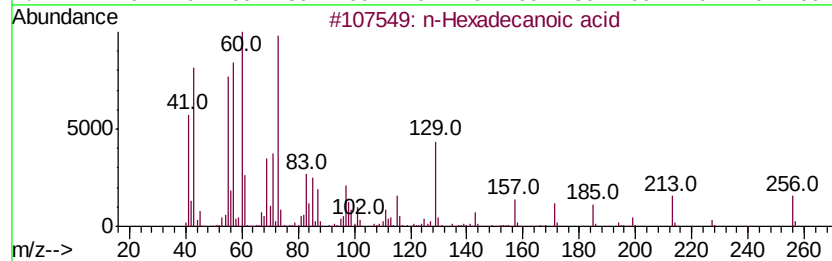
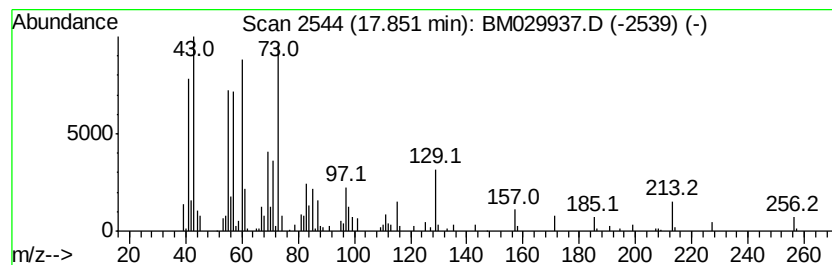
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.85	2.57 ng/ul	202054	Phenanthrene-d10	16.94		
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		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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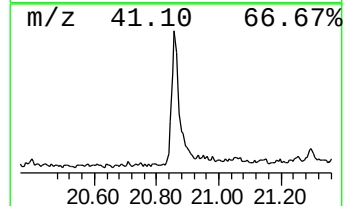
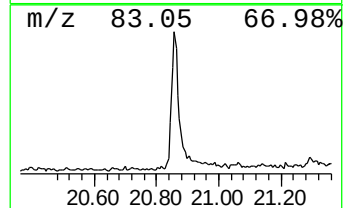
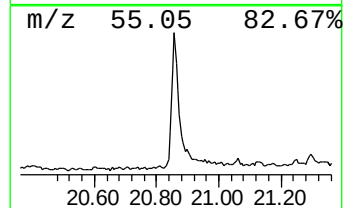
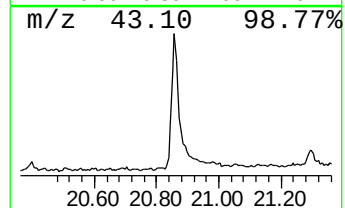
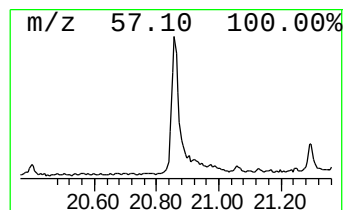
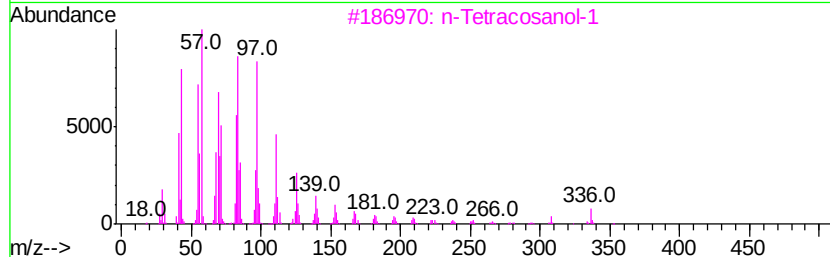
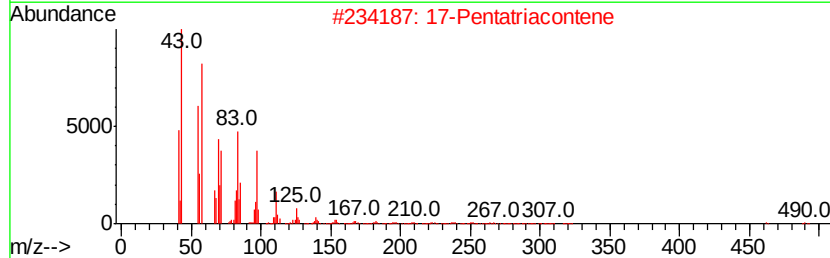
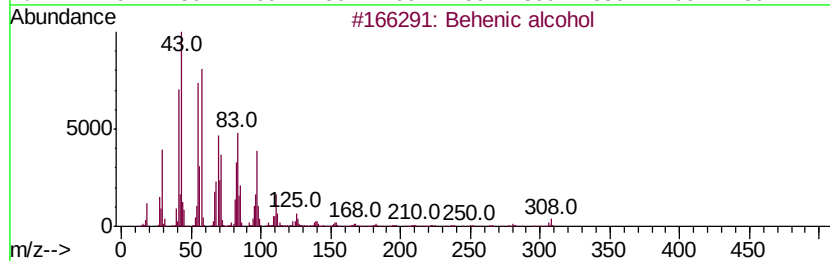
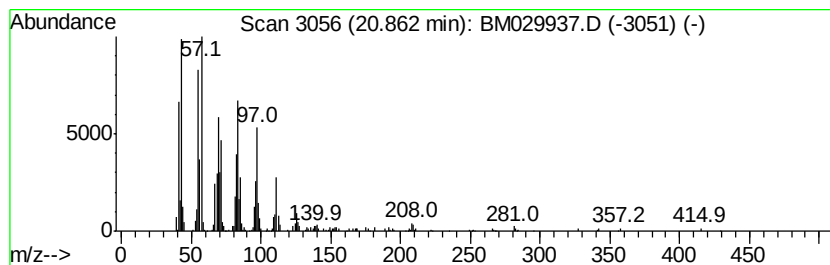
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Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	5.12 ng/ul	356609	Chrysene-d12	21.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 95
2		17-Pentatriacontene	491 C35H70	006971-40-0 91
3		n-Tetracosanol-1	354 C24H50O	000506-51-4 90
4		Octacosanol	410 C28H58O	000557-61-9 90
5		1-Heptacosanol	396 C27H56O	002004-39-9 90



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.85	2.6	ng/ul	202054	4	16.94	1572070	20.0
Behenic alcohol	20.86	5.1	ng/ul	356609	5	21.13	1393490	20.0