

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM013018\
 Data File : BM014024.D
 Acq On : 31 Jan 2018 07:32
 Operator : SJ/JU
 Sample : J1314-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C38

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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	6.751	634	640	656	rBV	419971	833103	25.22%	2.586%
2	6.910	660	667	681	rBV	316665	528940	16.02%	1.642%
3	7.098	693	699	713	rBV	484213	803042	24.31%	2.492%
4	7.563	772	778	789	rBV	390844	667121	20.20%	2.070%
5	8.281	894	900	914	rBV	483806	941844	28.52%	2.923%
6	8.722	964	975	986	rBV	465496	834169	25.26%	2.589%
7	9.434	1089	1096	1112	rBV	359567	717622	21.73%	2.227%
8	9.975	1181	1188	1204	rBV	515920	1039200	31.46%	3.225%
9	10.334	1242	1249	1260	rBV	532427	894700	27.09%	2.777%
10	10.492	1269	1276	1296	rBV	402961	903746	27.36%	2.805%
11	13.639	1804	1811	1815	rBV	1035993	1498260	45.36%	4.650%
12	13.686	1815	1819	1828	rVB	391464	605162	18.32%	1.878%
13	13.904	1850	1856	1870	rVB	1222046	1911703	57.88%	5.933%
14	14.121	1889	1893	1901	rBV3	31149	42369	1.28%	0.131%
15	14.216	1903	1909	1923	rVB3	765352	1200480	36.35%	3.726%
16	14.469	1946	1952	1969	rBV2	186022	531835	16.10%	1.651%
17	15.027	2042	2047	2052	rBV2	36065	50271	1.52%	0.156%
18	15.080	2052	2056	2060	rBV3	44321	59332	1.80%	0.184%
19	15.216	2073	2079	2089	rBV	1501071	2311320	69.98%	7.173%
20	15.368	2100	2105	2117	rBV2	252270	478676	14.49%	1.486%
21	15.468	2117	2122	2131	rVB9	27940	61468	1.86%	0.191%
22	15.592	2139	2143	2148	rBV	42418	62717	1.90%	0.195%
23	15.945	2198	2203	2211	rBV6	48284	93167	2.82%	0.289%
24	16.739	2334	2338	2343	rBV6	36333	55050	1.67%	0.171%
25	16.974	2372	2378	2384	rBV	1069358	1481157	44.85%	4.597%
26	17.074	2388	2395	2407	rVV	1680165	2579182	78.09%	8.005%
27	17.474	2460	2463	2467	rBV4	31033	39712	1.20%	0.123%
28	17.880	2527	2532	2538	rBV4	137292	231136	7.00%	0.717%
29	18.174	2576	2582	2587	rVB7	26846	39404	1.19%	0.122%
30	19.027	2723	2727	2729	rBV3	26908	39199	1.19%	0.122%
31	19.168	2747	2751	2755	rBV6	59390	88639	2.68%	0.275%
32	19.374	2779	2786	2794	rBV	2179181	3093340	93.66%	9.600%
33	20.898	3040	3045	3056	rBV4	223527	464541	14.07%	1.442%
34	21.174	3087	3092	3103	rBV	1344820	1985490	60.12%	6.162%

LSC Area Percent Report

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35	23.221	3433	3440	3451	rVB2	1851646	3302758	100.00%	10.250%
36	23.356	3457	3463	3473	rVB2	934112	1751117	53.02%	5.435%

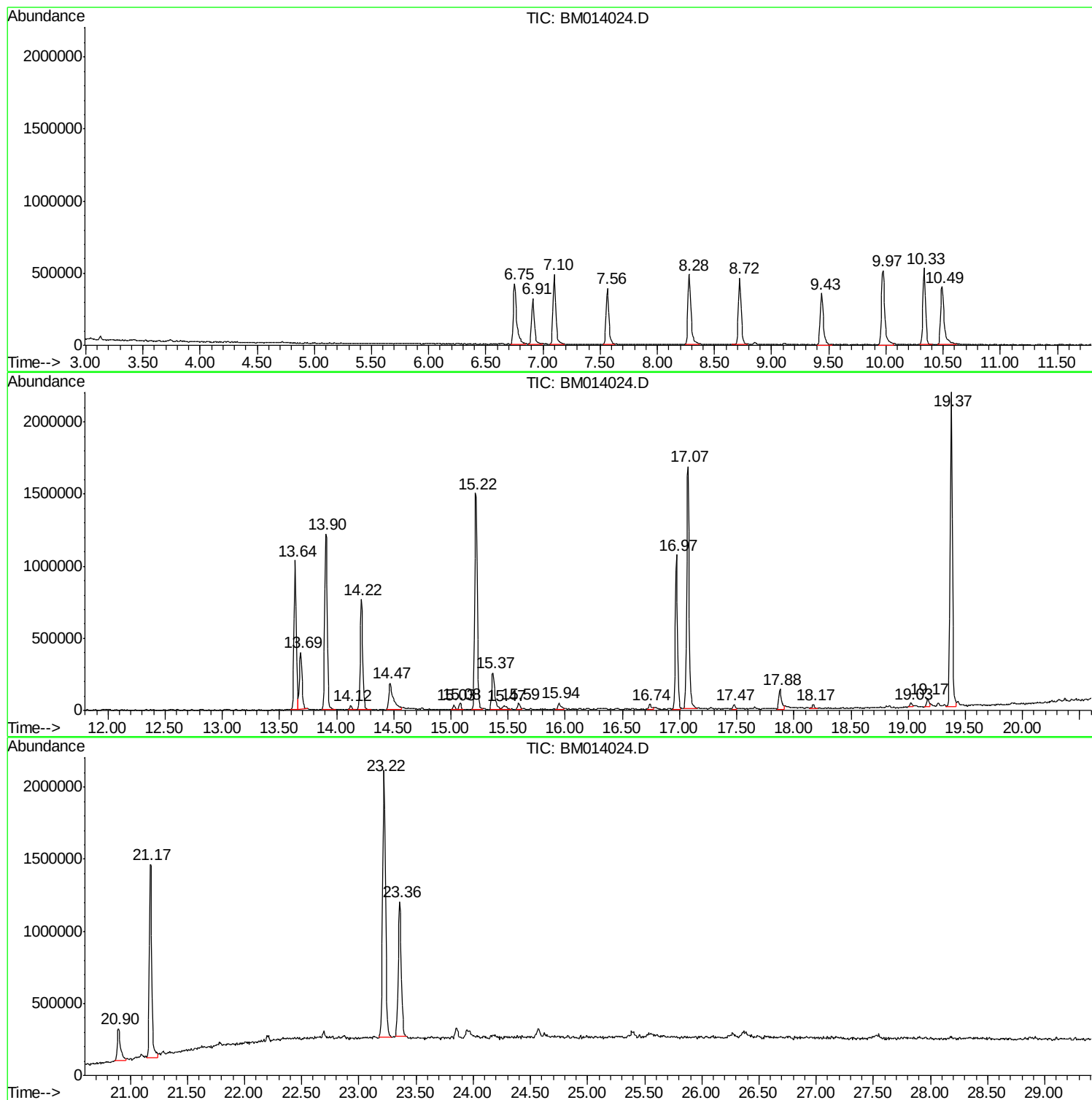
Sum of corrected areas: 32220972

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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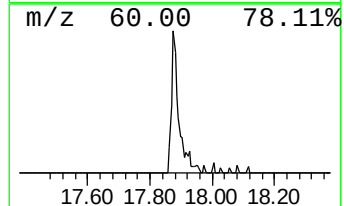
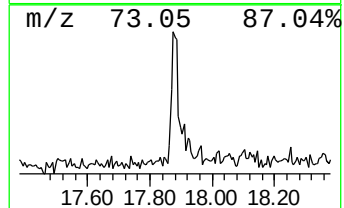
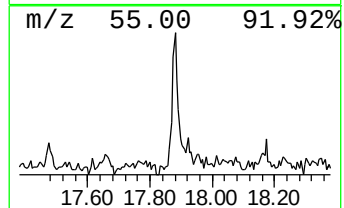
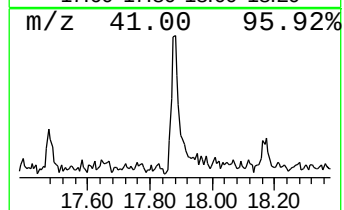
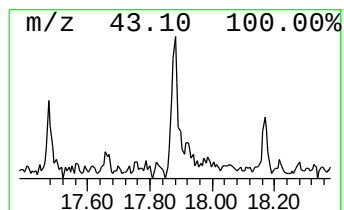
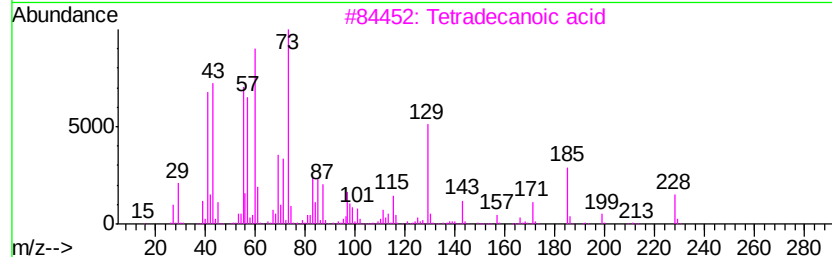
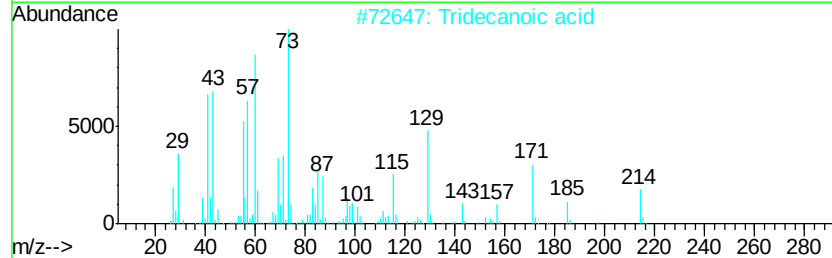
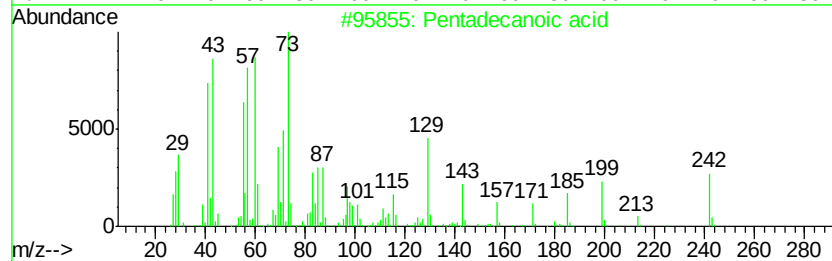
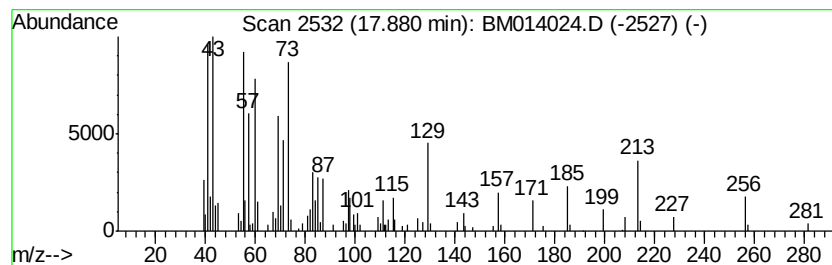
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Peak Number 1 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.88	3.12 ng/ul	231136	Phenanthrene-d10	16.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
2		Tridecanoic acid	214	C13H26O2	000638-53-9	70
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5		Tridecanoic acid	214	C13H26O2	000638-53-9	53



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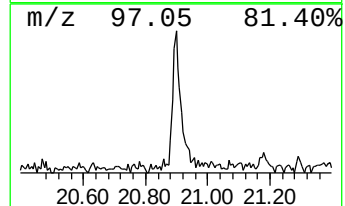
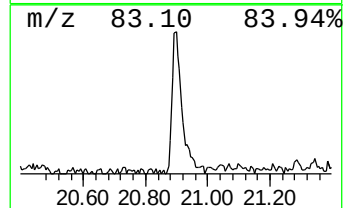
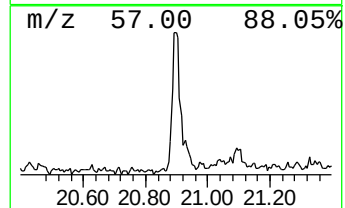
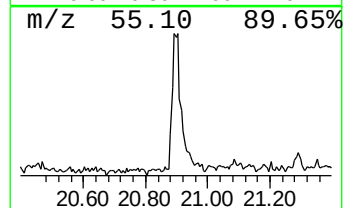
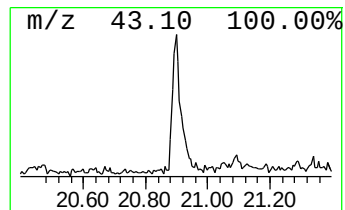
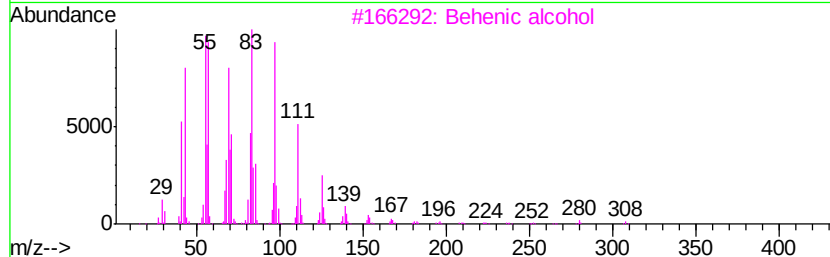
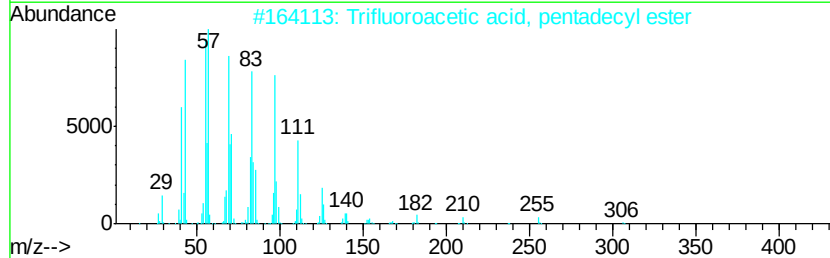
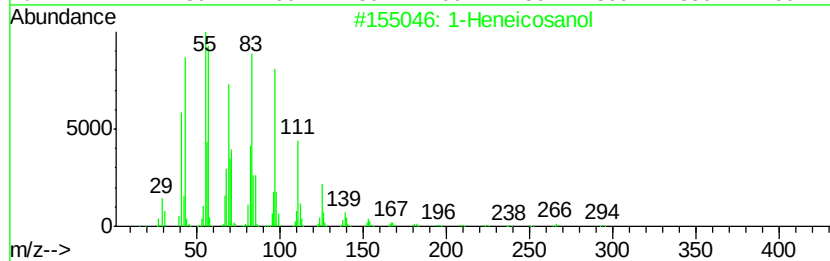
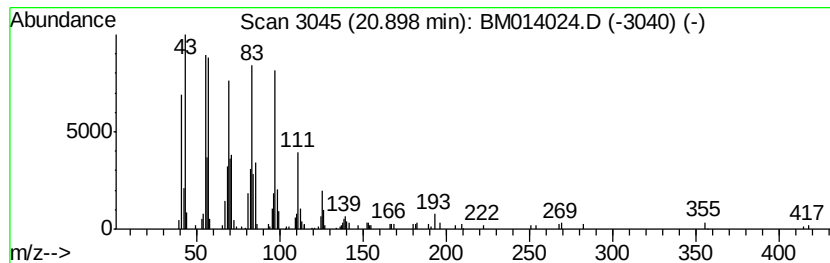
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Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.68 ng/ul	464541	Chrysene-d12	21.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol		312	C21H44O	015594-90-8	95
2	Trifluoroacetic acid, pentadecyl...		324	C17H31F3O2	959010-23-2	95
3	Behenic alcohol		326	C22H46O	000661-19-8	95
4	n-Nonadecanol-1		284	C19H40O	001454-84-8	95
5	1-Heptacosanol		396	C27H56O	002004-39-9	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentadecanoic acid	17.88	3.1	ng/ul	231136	4	16.97	1481160	20.0
1-Heneicosanol	20.90	4.7	ng/ul	464541	5	21.17	1985490	20.0