

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
 Data File : BM013845.D
 Acq On : 26 Jan 2018 15:54
 Operator : SJ/JU
 Sample : J1244-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B58

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	6.775	638	644	660	rVB2	440355	810830	31.58%	2.952%
2	6.934	666	671	681	rBV	343069	518640	20.20%	1.889%
3	7.122	697	703	712	rBV	488287	774186	30.15%	2.819%
4	7.587	773	782	792	rBV	454955	737883	28.74%	2.687%
5	8.304	895	904	917	rBV2	529470	923199	35.95%	3.362%
6	8.746	972	979	989	rBV	453733	782939	30.49%	2.851%
7	9.457	1095	1100	1110	rBV	368211	644792	25.11%	2.348%
8	9.998	1184	1192	1202	rBV	503589	920666	35.85%	3.352%
9	10.363	1247	1254	1261	rBV	520850	895388	34.87%	3.260%
10	10.516	1272	1280	1295	rBV	425135	857012	33.37%	3.121%
11	13.657	1808	1814	1819	rBV	918322	1279660	49.83%	4.660%
12	13.704	1819	1822	1838	rVB	305069	467345	18.20%	1.702%
13	13.928	1852	1860	1871	rBV	1029382	1547246	60.25%	5.634%
14	14.145	1891	1897	1905	rBV5	18318	28464	1.11%	0.104%
15	14.239	1905	1913	1922	rBV2	709025	1060899	41.31%	3.863%
16	14.486	1949	1955	1968	rBV	176103	434051	16.90%	1.581%
17	15.104	2056	2060	2067	rBV4	29869	36646	1.43%	0.133%
18	15.239	2077	2083	2090	rVB	1315330	1814850	70.68%	6.608%
19	15.380	2101	2107	2119	rBV	249518	429659	16.73%	1.565%
20	15.969	2203	2207	2210	rBV2	32411	46248	1.80%	0.168%
21	16.763	2336	2342	2345	rBV5	21464	32008	1.25%	0.117%
22	16.992	2375	2381	2392	rBV	916944	1285408	50.06%	4.681%
23	17.092	2392	2398	2410	rVV	1376778	1958305	76.26%	7.131%
24	17.898	2530	2535	2545	rBV	197571	295635	11.51%	1.076%
25	19.045	2726	2730	2732	rBV5	22455	31739	1.24%	0.116%
26	19.186	2749	2754	2761	rBV4	97958	155375	6.05%	0.566%
27	19.398	2784	2790	2797	rBV	1605059	2316824	90.22%	8.436%
28	20.915	3043	3048	3057	rBV2	312488	517459	20.15%	1.884%
29	21.192	3090	3095	3102	rBV	1198230	1623853	63.24%	5.913%
30	23.245	3438	3444	3451	rVB	1442406	2567849	100.00%	9.350%
31	23.380	3462	3467	3479	rVB2	861958	1667806	64.95%	6.073%

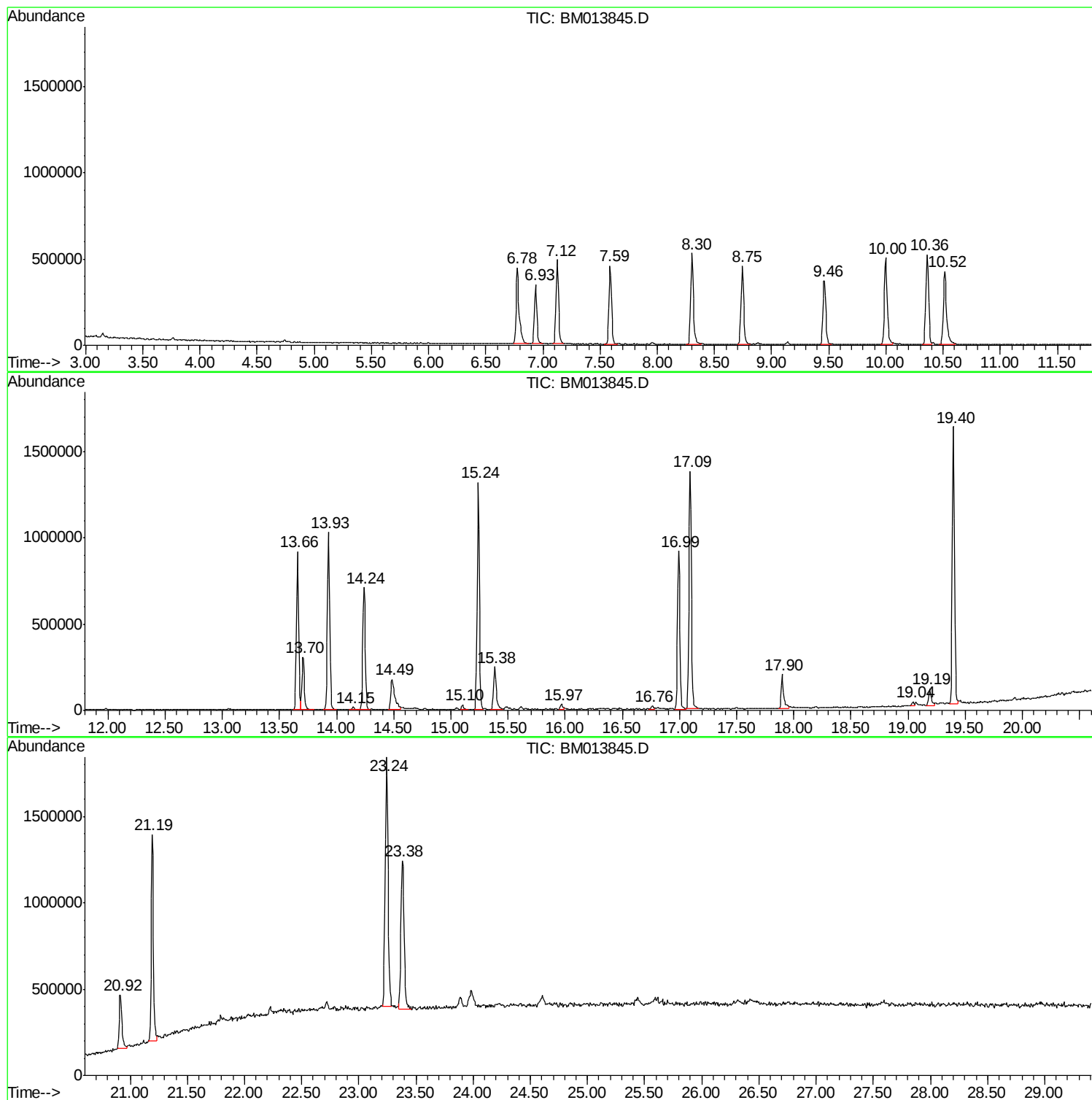
Sum of corrected areas: 27462864

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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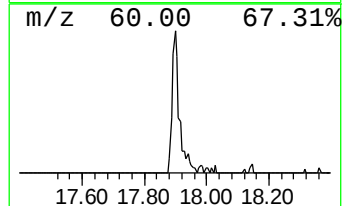
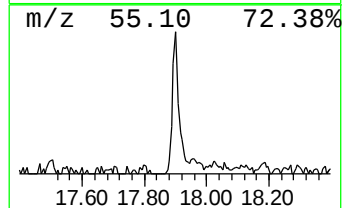
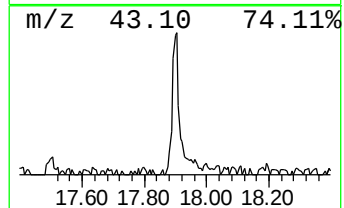
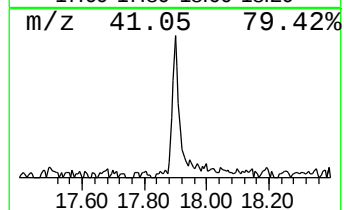
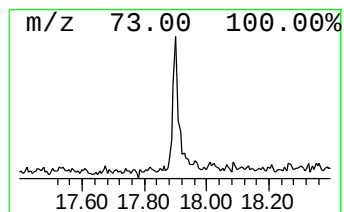
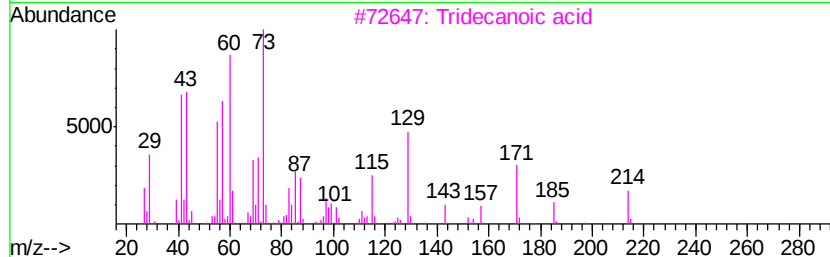
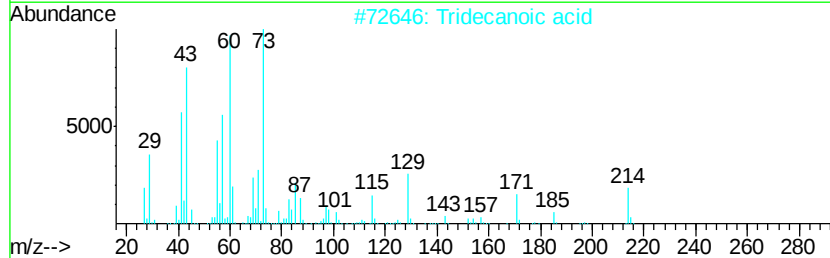
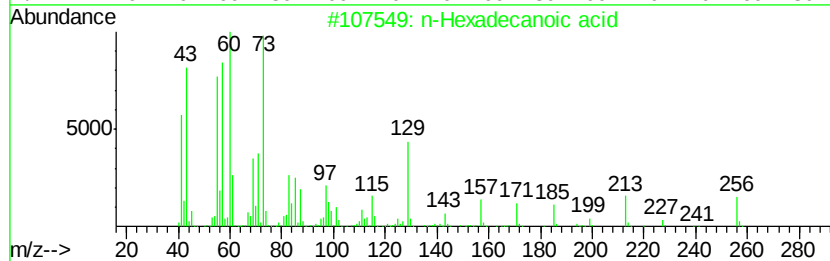
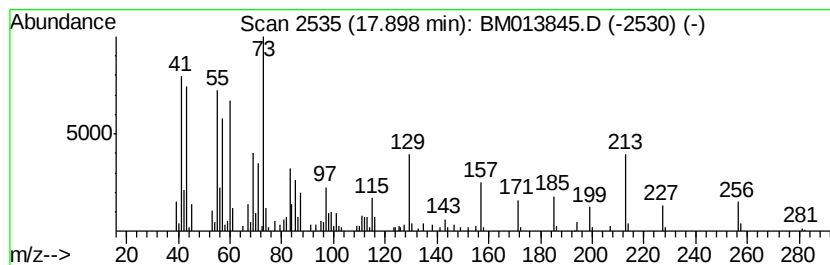
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.90	4.60 ng/ul	295635	Phenanthrene-d10		16.99		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2			Tridecanoic acid	214	C13H26O2	000638-53-9	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5			Tridecanoic acid	214	C13H26O2	000638-53-9	52



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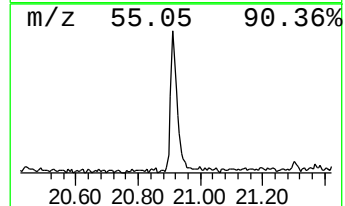
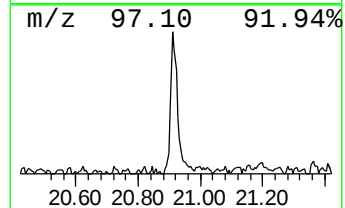
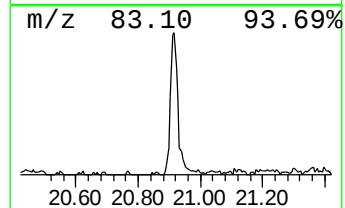
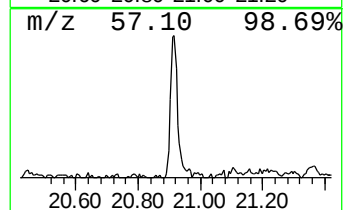
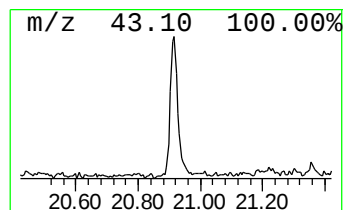
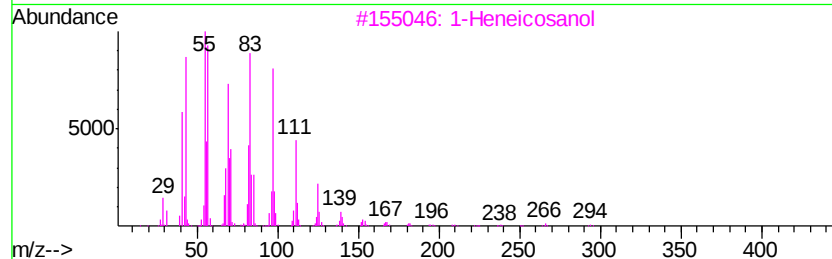
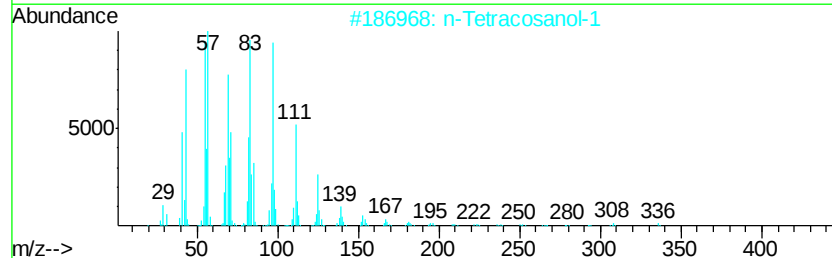
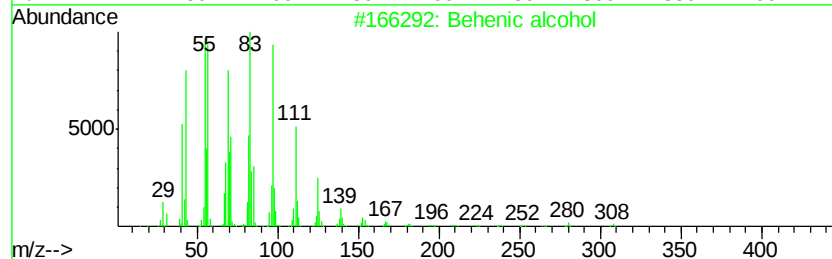
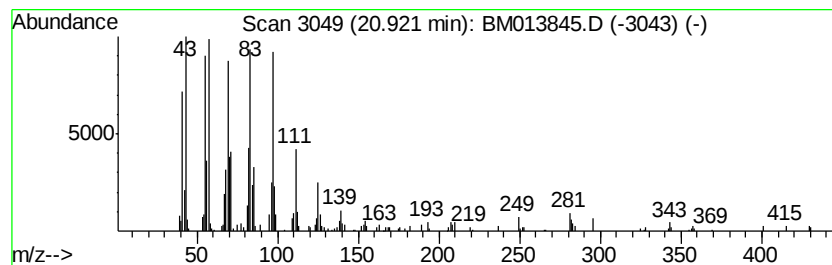
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Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	6.37 ng/ul	517459	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3		1-Heneicosanol	312	C21H44O	015594-90-8	94
4		1-Heptacosanol	396	C27H56O	002004-39-9	93
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.90	4.6	ng/ul	295635	4	16.99	1285410	20.0
Behenic alcohol	20.92	6.4	ng/ul	517459	5	21.19	1623850	20.0