

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031218\
 Data File : BM014526.D
 Acq On : 12 Mar 2018 20:22
 Operator : SJ/JU
 Sample : J1813-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F33

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-BM021418.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	4.628	292	296	299	rBV2	19213	27015	1.76%	0.172%
2	4.657	299	301	307	rVB4	10710	16203	1.06%	0.103%
3	6.692	639	647	662	rBV2	104851	292160	19.09%	1.862%
4	6.834	665	671	678	rBV2	96598	168311	11.00%	1.073%
5	7.022	696	703	713	rBV2	153570	298831	19.52%	1.904%
6	7.475	774	780	794	rBV	229319	443928	29.00%	2.829%
7	8.222	902	907	920	rBV	132426	303635	19.84%	1.935%
8	8.322	920	924	933	rVB4	24086	45344	2.96%	0.289%
9	8.645	973	979	993	rBV	139754	291702	19.06%	1.859%
10	9.363	1094	1101	1112	rBV	132845	277852	18.15%	1.771%
11	9.916	1188	1195	1210	rBV3	124561	346334	22.62%	2.207%
12	10.245	1245	1251	1260	rBV	320367	581614	38.00%	3.707%
13	10.433	1277	1283	1299	rBV3	89265	282841	18.48%	1.803%
14	13.568	1810	1816	1821	rBV2	402287	630786	41.21%	4.020%
15	13.616	1821	1824	1837	rVB2	79257	160564	10.49%	1.023%
16	13.833	1855	1861	1871	rVB	468600	683131	44.63%	4.354%
17	14.045	1891	1897	1900	rBV3	17194	26974	1.76%	0.172%
18	14.145	1906	1914	1925	rVB2	509117	814821	53.23%	5.193%
19	14.468	1962	1969	1982	rBV3	66085	235992	15.42%	1.504%
20	14.951	2046	2051	2054	rBV	13518	17483	1.14%	0.111%
21	15.004	2056	2060	2065	rVV3	26069	31092	2.03%	0.198%
22	15.151	2078	2085	2097	rBV	526803	834630	54.52%	5.319%
23	15.339	2108	2117	2124	rBV3	126090	252140	16.47%	1.607%
24	15.404	2126	2128	2137	rVB8	18853	28534	1.86%	0.182%
25	15.868	2203	2207	2214	rBV3	29583	49731	3.25%	0.317%
26	16.662	2338	2342	2346	rBV3	25004	35681	2.33%	0.227%
27	16.698	2346	2348	2354	rVB5	8539	15528	1.01%	0.099%
28	16.909	2378	2384	2391	rBV	747841	1094679	71.51%	6.976%
29	17.009	2395	2401	2412	rVB2	590152	988505	64.58%	6.300%
30	17.404	2464	2468	2472	rBV3	18455	21904	1.43%	0.140%
31	17.815	2531	2538	2545	rBV4	93904	163992	10.71%	1.045%
32	17.892	2547	2551	2557	rVB4	56618	91363	5.97%	0.582%
33	18.092	2579	2585	2589	rBV5	16305	24705	1.61%	0.157%
34	19.115	2753	2759	2766	rBV8	42030	87350	5.71%	0.557%

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35	19.250	2777	2782	2786	rBV4	52558	55695	3.64%	0.355%
36	19.321	2788	2794	2802	rBV	836083	1233806	80.60%	7.863%
37	20.303	2958	2961	2965	rVB5	42913	48243	3.15%	0.307%
38	20.833	3047	3051	3060	rVB3	162203	213442	13.94%	1.360%
39	21.127	3096	3101	3112	rBV	1061713	1530759	100.00%	9.755%
40	21.692	3194	3197	3198	rBV3	44363	43159	2.82%	0.275%
41	22.615	3351	3354	3359	rVB4	94535	125692	8.21%	0.801%
42	23.156	3440	3446	3454	rVB2	754037	1384820	90.47%	8.825%
43	23.291	3463	3469	3479	rVB2	670604	1390470	90.84%	8.861%

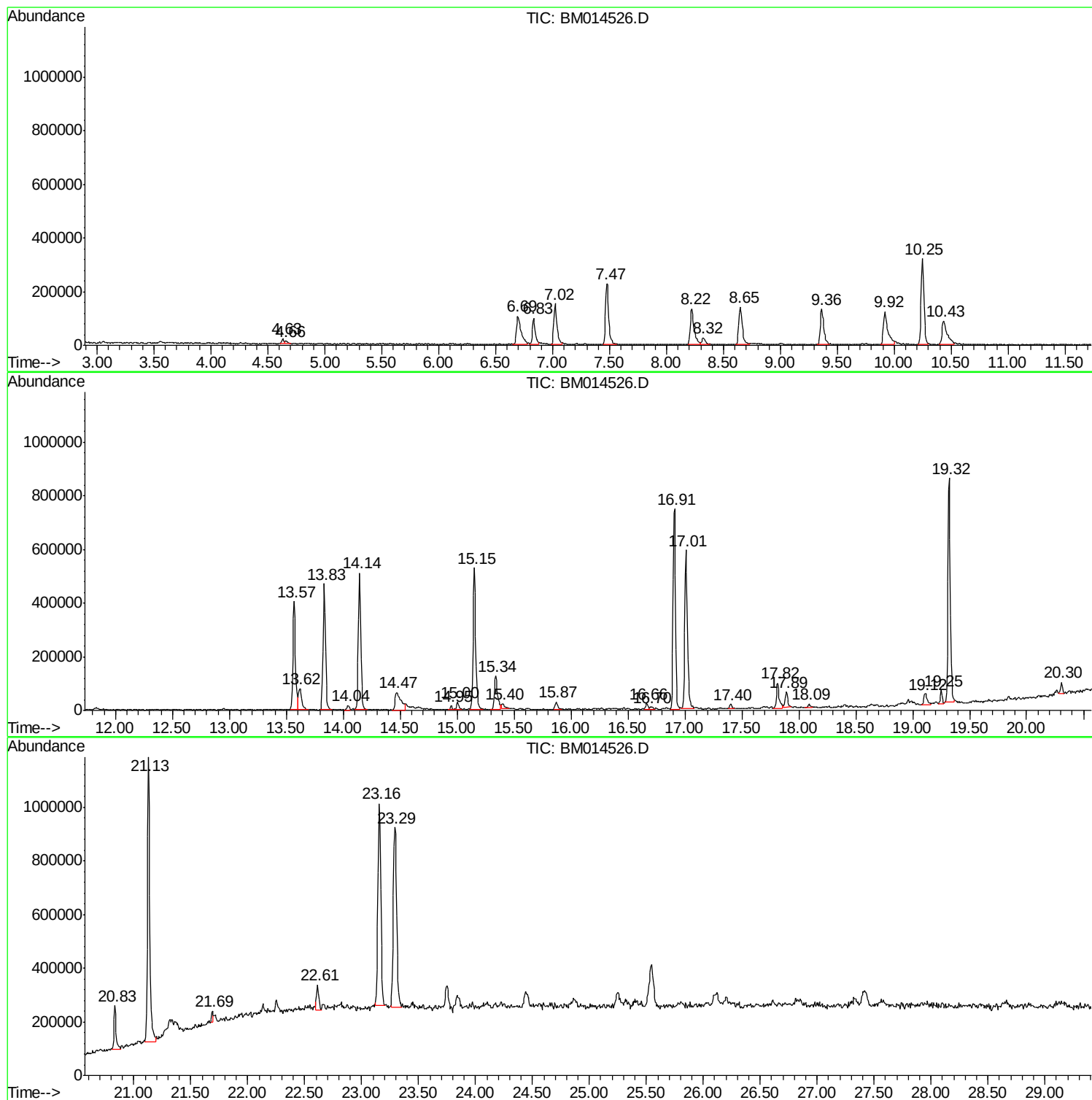
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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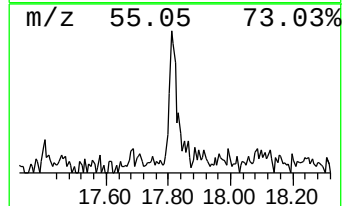
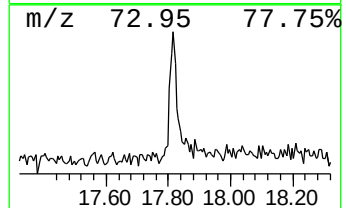
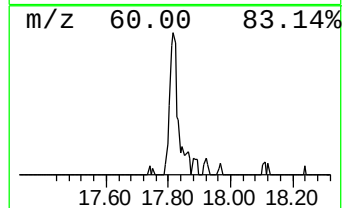
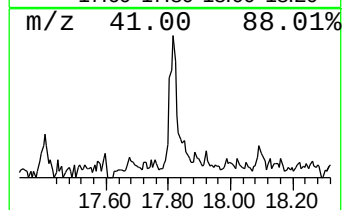
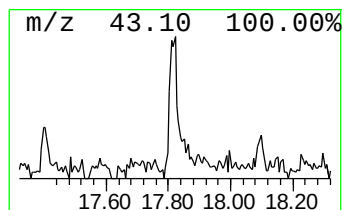
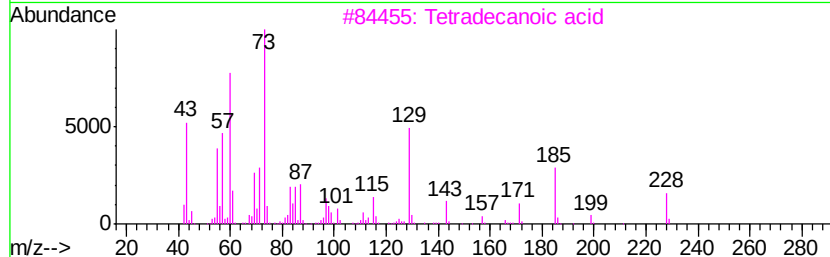
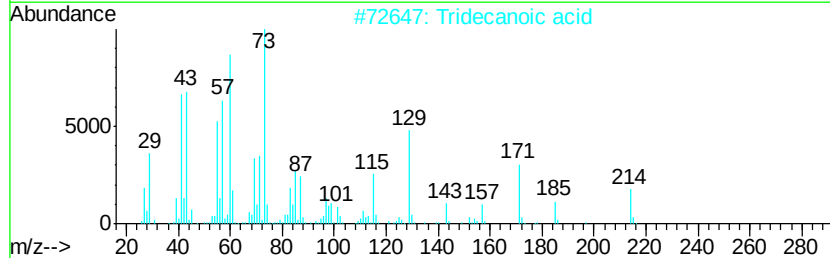
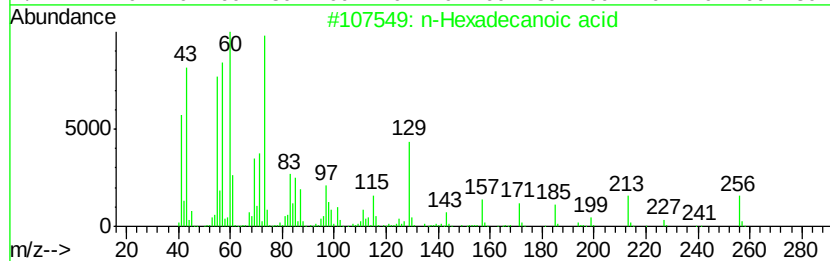
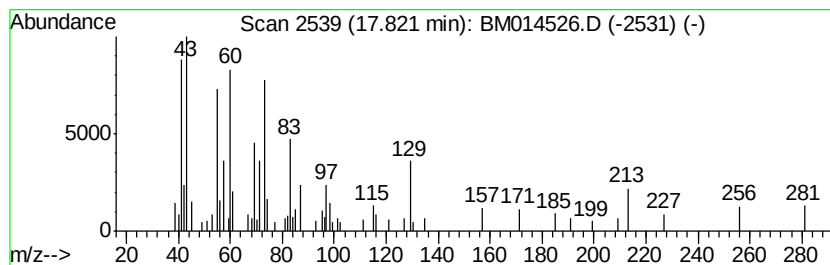
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.82	3.00 ng/ul	163992	Phenanthrene-d10	16.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
2	Tridecanoic acid	214	C13H26O2	000638-53-9	52
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	Undecanoic acid	186	C11H22O2	000112-37-8	49
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	47



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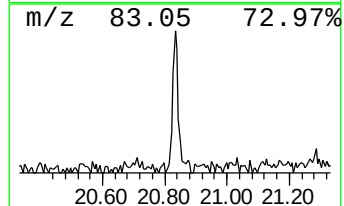
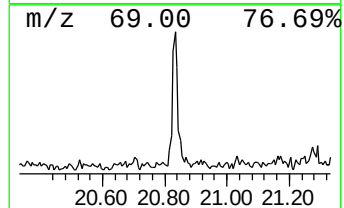
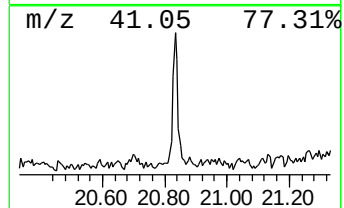
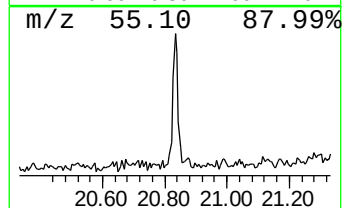
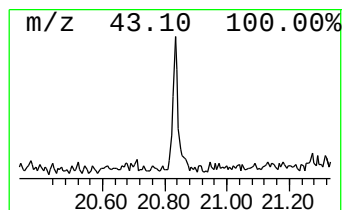
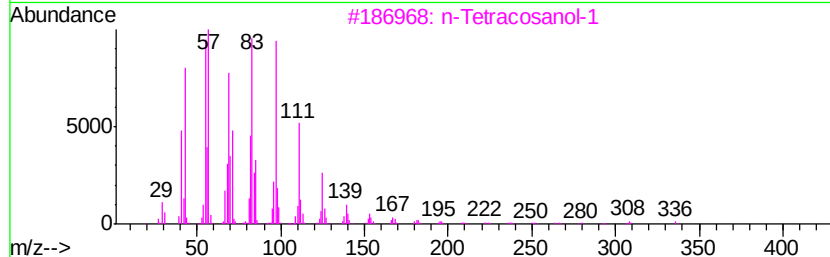
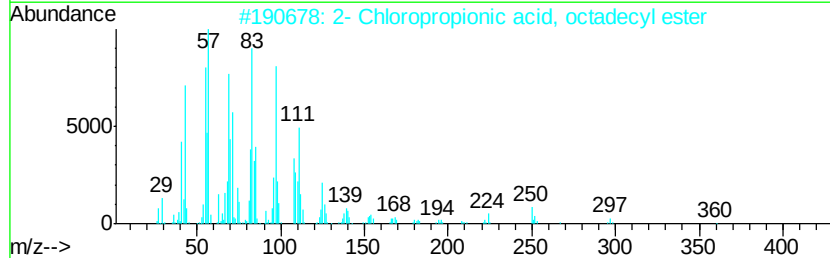
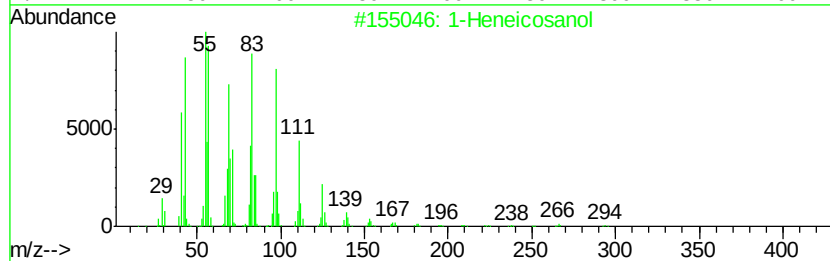
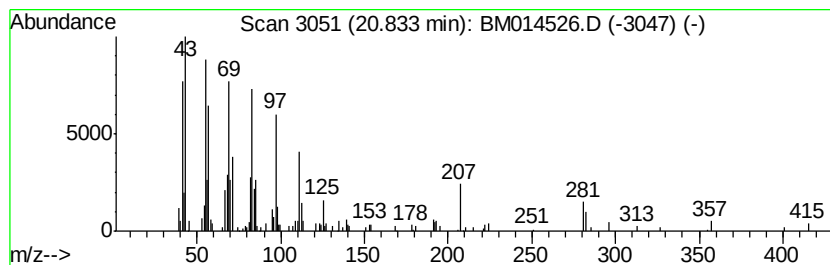
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Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.79 ng/ul	213442	Chrysene-d12	21.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	78
2			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	60
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	60
4			Behenic alcohol	326	C22H46O	000661-19-8	60
5			Cetene	224	C16H32	000629-73-2	56



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.82	3.0	ng/ul	163992	4	16.90	1094680	20.0
1-Heneicosanol	20.83	2.8	ng/ul	213442	5	21.13	1530760	20.0