

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
 Data File : BM013713.D
 Acq On : 23 Jan 2018 02:34
 Operator : SJ/JU
 Sample : J1174-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A59

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	3.157	26	29	33	rBV2	29422	34634	1.24%	0.109%
2	6.792	640	647	659	rBV2	513224	959851	34.35%	3.015%
3	6.951	668	674	682	rBV	396460	597371	21.38%	1.876%
4	7.145	700	707	719	rVB	547905	868416	31.08%	2.728%
5	7.610	779	786	793	rBV	575091	918418	32.87%	2.885%
6	8.322	900	907	921	rVB	606420	1032194	36.94%	3.242%
7	8.763	975	982	998	rVB	518349	873270	31.25%	2.743%
8	9.480	1098	1104	1112	rBV	437392	715167	25.59%	2.246%
9	10.016	1188	1195	1205	rBV	579409	1050193	37.58%	3.299%
10	10.386	1251	1258	1268	rVB	716520	1184581	42.39%	3.721%
11	10.533	1274	1283	1298	rBV	520036	994306	35.58%	3.123%
12	13.674	1811	1817	1822	rBV	978064	1405784	50.31%	4.416%
13	13.721	1822	1825	1834	rVB	377243	547584	19.60%	1.720%
14	13.951	1857	1864	1875	rBV	1180592	1756852	62.87%	5.518%
15	14.168	1897	1901	1906	rVB4	34446	42660	1.53%	0.134%
16	14.257	1910	1916	1924	rBV2	904824	1433358	51.30%	4.502%
17	14.492	1951	1956	1970	rBV	232992	503927	18.03%	1.583%
18	15.074	2048	2055	2058	rBV3	18803	29409	1.05%	0.092%
19	15.121	2060	2063	2067	rVB2	32207	42453	1.52%	0.133%
20	15.257	2080	2086	2093	rBV	1428176	2024325	72.45%	6.358%
21	15.398	2104	2110	2118	rBV	270271	425377	15.22%	1.336%
22	15.992	2207	2211	2213	rBV2	26157	34782	1.24%	0.109%
23	16.780	2340	2345	2351	rBV6	21925	40738	1.46%	0.128%
24	17.015	2378	2385	2390	rBV	1181270	1677162	60.02%	5.268%
25	17.109	2394	2401	2411	rVB	1514728	2156481	77.18%	6.774%
26	17.921	2533	2539	2546	rBV	185771	296725	10.62%	0.932%
27	17.992	2546	2551	2556	rVB	118474	162930	5.83%	0.512%
28	19.203	2753	2757	2764	rBV6	91248	131027	4.69%	0.412%
29	19.415	2787	2793	2802	rBV	1883488	2504155	89.62%	7.866%
30	20.933	3047	3051	3062	rVB2	319071	465732	16.67%	1.463%
31	21.209	3093	3098	3106	rBV	1702456	2072016	74.15%	6.508%
32	23.274	3442	3449	3462	rVB2	1471259	2794229	100.00%	8.777%
33	23.409	3466	3472	3481	rVB2	1120750	2060540	73.74%	6.472%

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

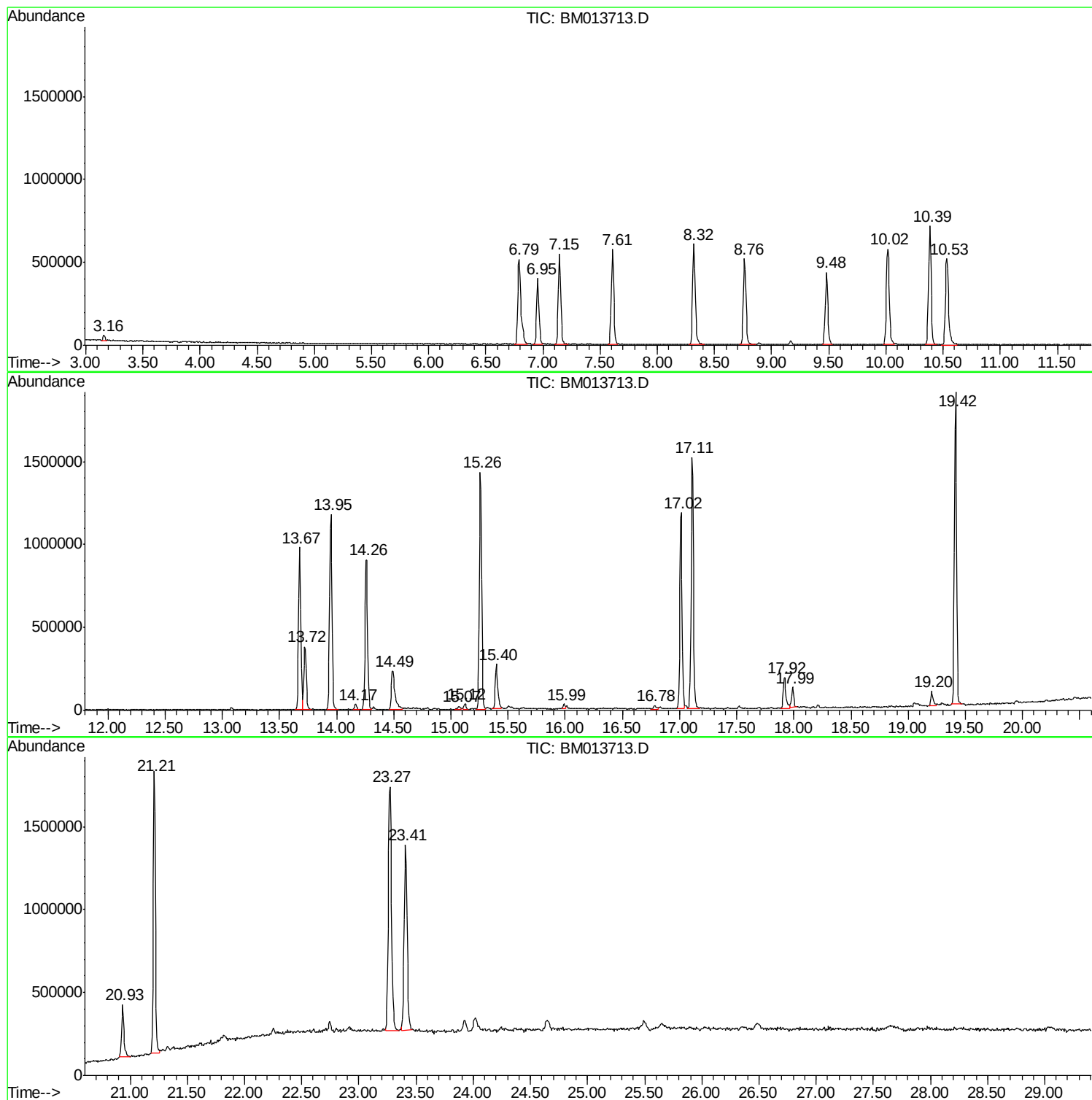
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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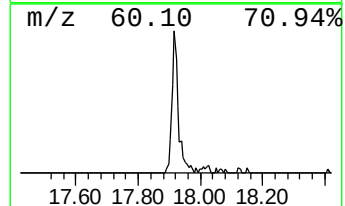
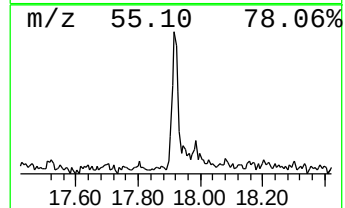
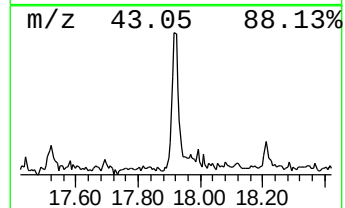
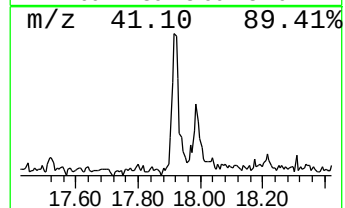
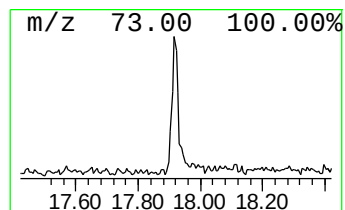
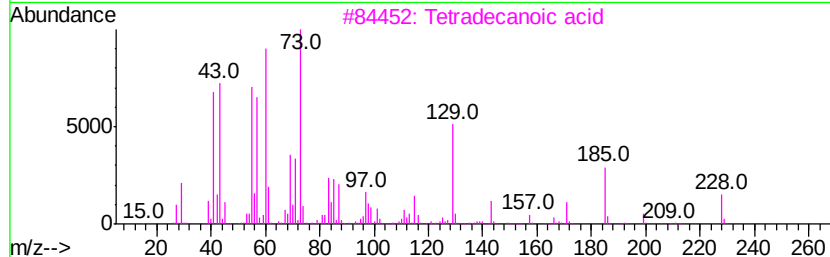
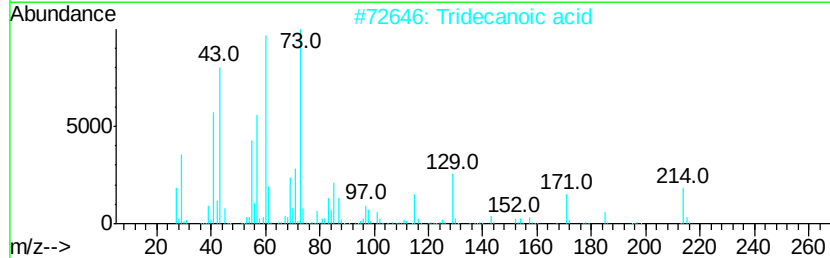
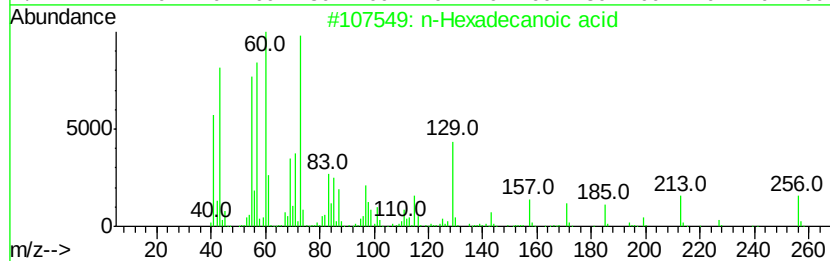
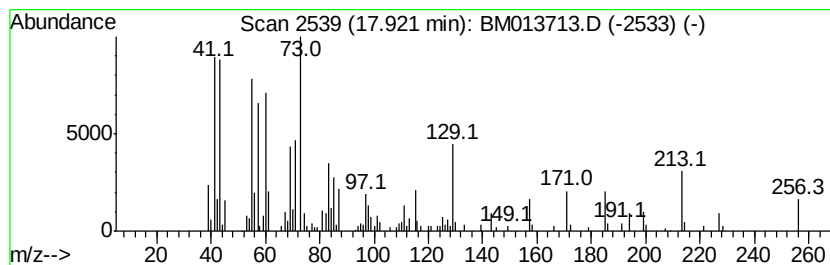
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.92	3.54 ng/ul	296725	Phenanthrene-d10	17.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64



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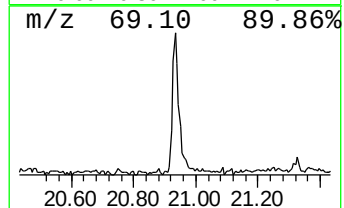
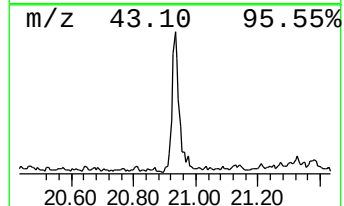
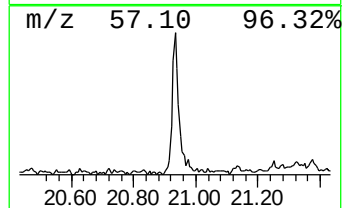
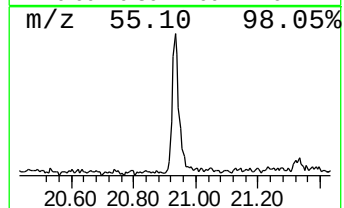
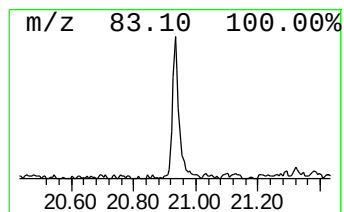
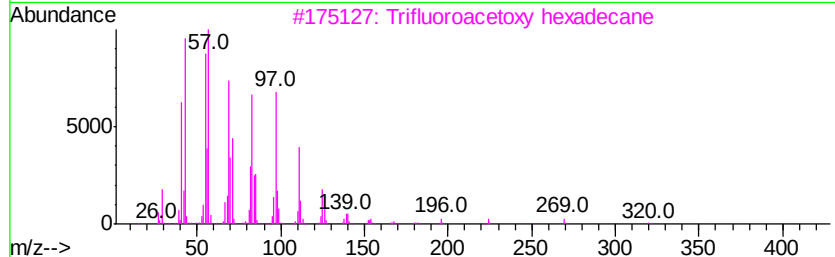
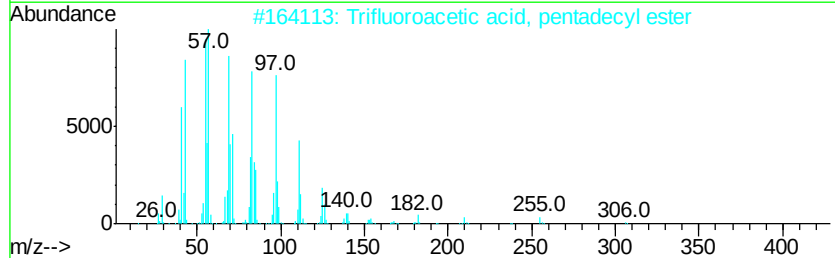
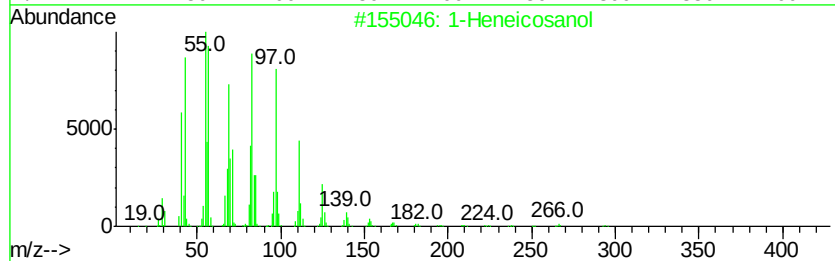
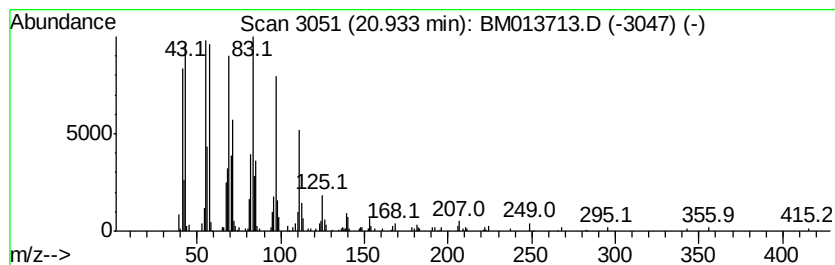
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TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.50 ng/ul	465732	Chrysene-d12	21.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312 C21H44O	015594-90-8	94
2	Trifluoroacetic acid, pentadecyl...	324 C17H31F3O2	959010-23-2	94
3	Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3	94
4	Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1	94
5	Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	3.5	ng/ul	296725	4	17.02	1677160	20.0
1-Heneicosanol	20.93	4.5	ng/ul	465732	5	21.21	2072020	20.0