

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014414.D
 Acq On : 28 Feb 2018 22:32
 Operator : SJ/JU
 Sample : J1678-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5W4

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	4.663	282	285	289	rBV2	23504	36905	1.09%	0.112%
2	6.716	629	634	649	rBV	313365	637690	18.75%	1.937%
3	6.869	654	660	672	rVV	246087	428164	12.59%	1.300%
4	7.057	686	692	702	rBV	365794	656101	19.29%	1.993%
5	7.516	763	770	783	rBV	292633	528537	15.54%	1.605%
6	8.239	887	893	907	rBV	376596	750658	22.07%	2.280%
7	8.675	961	967	981	rBV2	392766	732909	21.55%	2.226%
8	9.392	1080	1089	1102	rBV	357803	697505	20.51%	2.119%
9	9.928	1175	1180	1190	rBV2	418724	868847	25.54%	2.639%
10	10.286	1233	1241	1249	rBV	496069	821000	24.14%	2.494%
11	10.445	1261	1268	1285	rBV	352536	853015	25.08%	2.591%
12	12.986	1694	1700	1707	rBV6	20775	39742	1.17%	0.121%
13	13.598	1794	1804	1809	rBV	1077588	1569352	46.14%	4.767%
14	13.645	1809	1812	1818	rVB	169163	247041	7.26%	0.750%
15	13.863	1840	1849	1861	rBV	1201831	1841366	54.14%	5.593%
16	14.074	1879	1885	1891	rBV3	61249	91120	2.68%	0.277%
17	14.174	1893	1902	1909	rBV2	797646	1213498	35.68%	3.686%
18	14.445	1943	1948	1962	rBV2	241427	648276	19.06%	1.969%
19	15.021	2040	2046	2055	rVB2	163399	291456	8.57%	0.885%
20	15.180	2067	2073	2082	rBV	1461380	2177090	64.01%	6.613%
21	15.339	2095	2100	2110	rBV2	397118	704927	20.73%	2.141%
22	15.421	2110	2114	2123	rVB9	31510	75771	2.23%	0.230%
23	15.904	2186	2196	2204	rBV3	53661	96714	2.84%	0.294%
24	16.933	2366	2371	2376	rBV	1087697	1576285	46.34%	4.788%
25	16.974	2376	2378	2383	rVV	134914	179274	5.27%	0.545%
26	17.033	2383	2388	2401	rVB	1659176	2513343	73.89%	7.634%
27	17.845	2516	2526	2535	rBV3	255697	472153	13.88%	1.434%
28	18.009	2550	2554	2560	rVB6	21499	40212	1.18%	0.122%
29	18.392	2615	2619	2624	rVB8	21045	38748	1.14%	0.118%
30	19.009	2714	2724	2731	rBV	247842	396192	11.65%	1.203%
31	19.139	2741	2746	2751	rBV6	61487	104329	3.07%	0.317%
32	19.345	2775	2781	2792	rBV	2322315	3308812	97.28%	10.050%
33	19.709	2838	2843	2846	rBV7	27449	52807	1.55%	0.160%
34	19.880	2868	2872	2878	rVB8	49747	73918	2.17%	0.225%

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35	20.868	3035	3040	3048	rBV	568832	779226	22.91%	2.367%
36	21.150	3082	3088	3092	rBV	1610750	2140328	62.93%	6.501%
37	23.191	3429	3435	3448	rVB	1824297	3401293	100.00%	10.331%
38	23.321	3452	3457	3465	rVB2	1038270	1838682	54.06%	5.585%

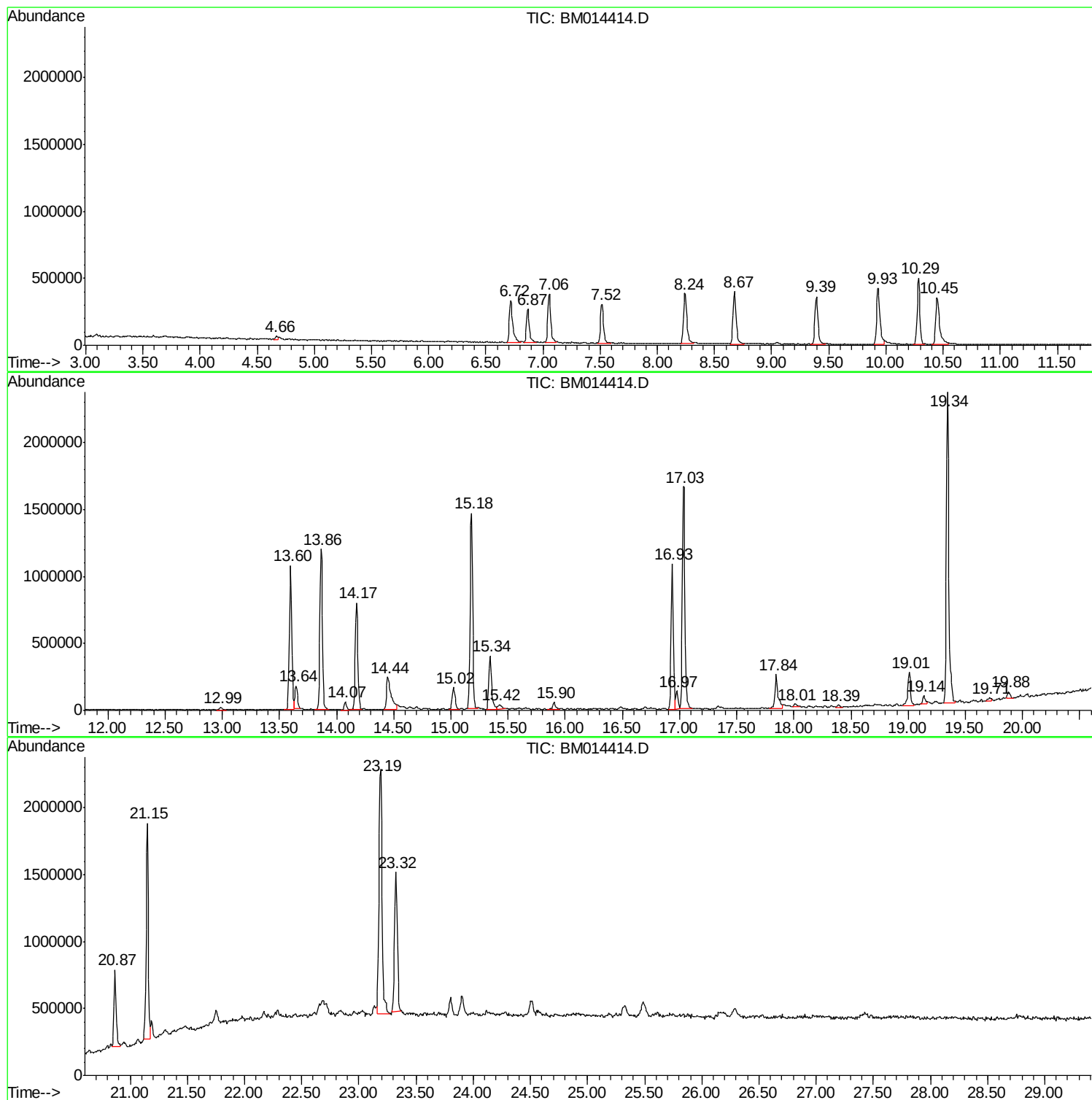
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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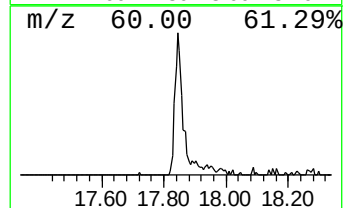
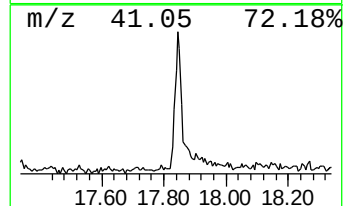
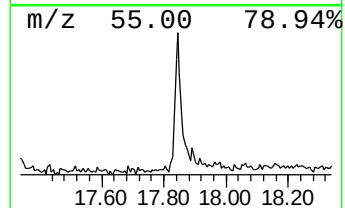
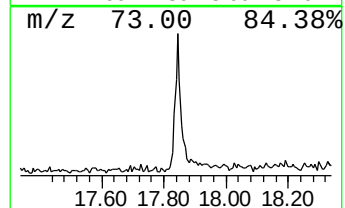
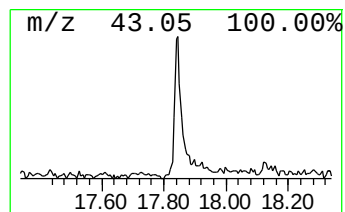
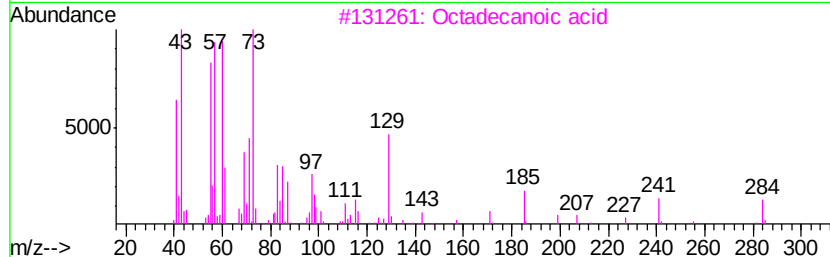
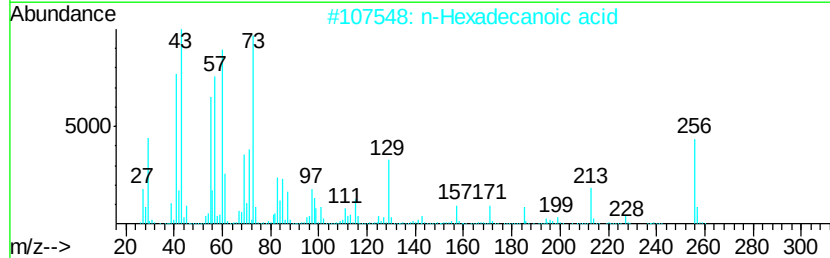
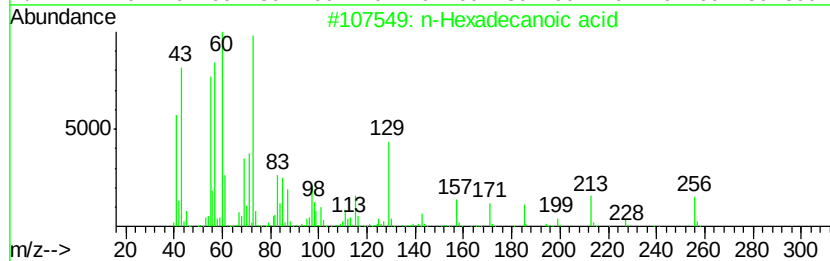
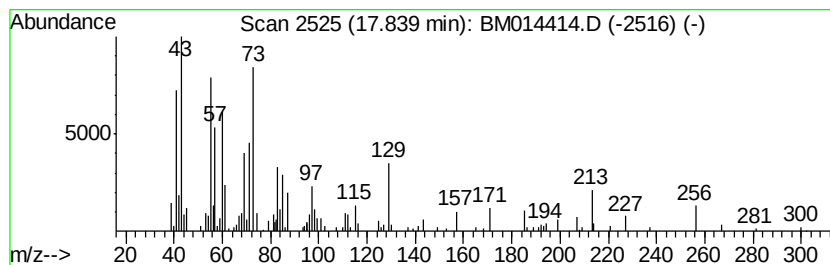
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.84	5.99 ng/ul	472153	Phenanthrene-d10	16.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	60
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49



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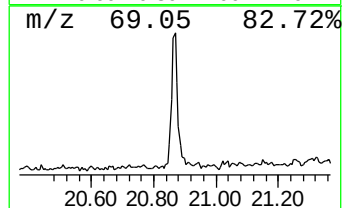
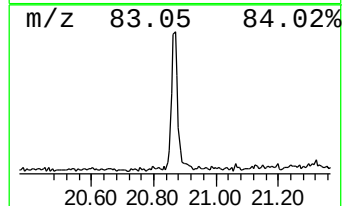
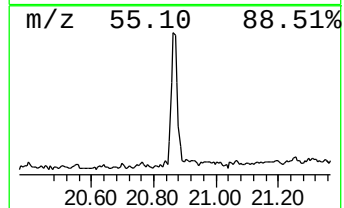
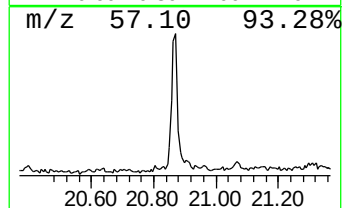
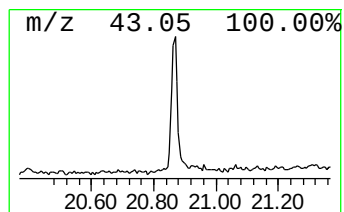
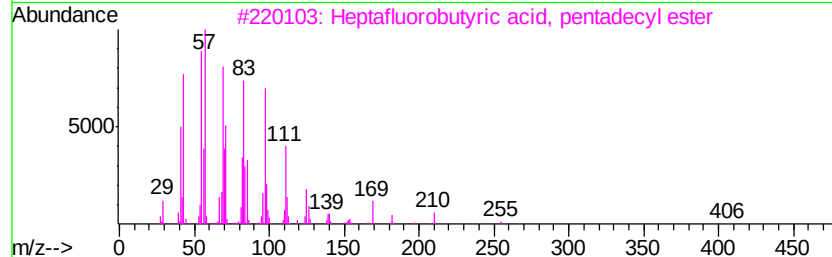
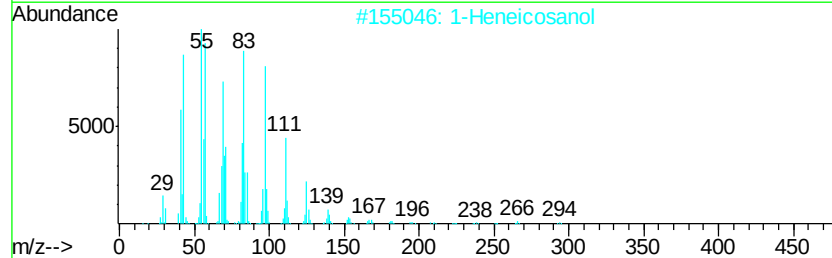
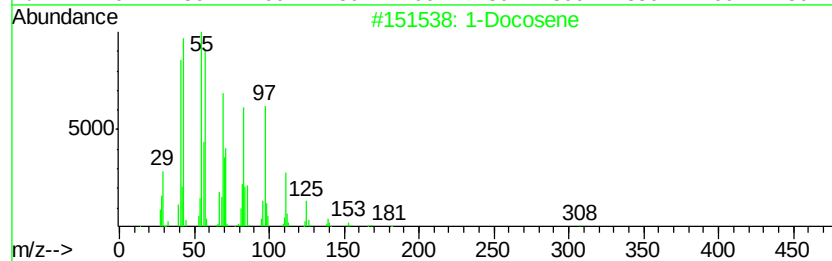
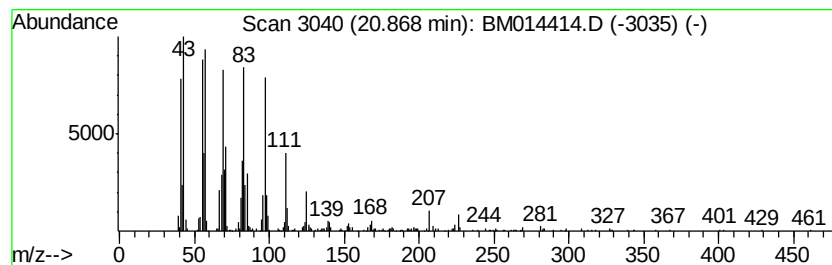
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Peak Number 2 (DEL) Alkane: Cyclic20.87 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.87	7.28 ng/ul	779226	Chrysene-d12	21.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	6.0	ng/ul	472153	4	16.93	1576290	20.0
(DEL) Alkane: Cyc...	20.87	7.3	ng/ul	779226	5	21.15	2140330	20.0