

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
 Data File : BM013860.D
 Acq On : 27 Jan 2018 00:50
 Operator : SJ/JU
 Sample : J1244-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B47

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	3.146	24	27	33	rBV3	25706	37985	1.46%	0.125%
2	6.775	638	644	659	rVB2	480368	892754	34.39%	2.932%
3	6.934	665	671	678	rBV	381735	586352	22.59%	1.926%
4	7.122	696	703	713	rBV	544381	872697	33.62%	2.867%
5	7.586	776	782	793	rBV	554096	861053	33.17%	2.828%
6	8.298	896	903	914	rBV	531528	936461	36.07%	3.076%
7	8.739	971	978	989	rBV	487066	841096	32.40%	2.763%
8	9.457	1092	1100	1111	rBV2	427606	746438	28.75%	2.452%
9	9.992	1185	1191	1201	rBV	554385	994242	38.30%	3.266%
10	10.357	1246	1253	1260	rBV	669120	1069269	41.19%	3.512%
11	10.510	1271	1279	1295	rBV	470110	917901	35.36%	3.015%
12	13.657	1808	1814	1818	rBV	978882	1372632	52.88%	4.509%
13	13.704	1818	1822	1831	rVB	370082	531436	20.47%	1.746%
14	13.927	1853	1860	1869	rBV	1143246	1673665	64.47%	5.498%
15	14.145	1891	1897	1900	rBV3	20714	27563	1.06%	0.091%
16	14.239	1906	1913	1921	rBV2	841537	1297786	49.99%	4.263%
17	14.480	1947	1954	1970	rBV2	194476	494503	19.05%	1.624%
18	15.104	2055	2060	2064	rVB3	33962	45305	1.75%	0.149%
19	15.239	2076	2083	2089	rBV	1346364	1944627	74.91%	6.388%
20	15.380	2102	2107	2120	rBV	296720	482707	18.59%	1.586%
21	15.480	2120	2124	2133	rVB6	19384	40454	1.56%	0.133%
22	15.609	2141	2146	2151	rBV	84837	114267	4.40%	0.375%
23	15.962	2201	2206	2210	rBV4	46598	67284	2.59%	0.221%
24	16.756	2338	2341	2345	rBV3	32804	40026	1.54%	0.131%
25	16.992	2375	2381	2386	rBV	1078978	1503482	57.92%	4.939%
26	17.092	2391	2398	2409	rVB	1403933	2044728	78.77%	6.716%
27	17.492	2462	2466	2470	rVB6	23831	28455	1.10%	0.093%
28	17.898	2529	2535	2545	rBV2	257654	398643	15.36%	1.309%
29	18.186	2578	2584	2590	rBV9	15671	29327	1.13%	0.096%
30	18.768	2679	2683	2689	rBV10	15931	28296	1.09%	0.093%
31	19.039	2724	2729	2731	rBV5	28189	43508	1.68%	0.143%
32	19.068	2731	2734	2741	rVB8	21250	39359	1.52%	0.129%
33	19.186	2750	2754	2765	rBV3	128286	205548	7.92%	0.675%
34	19.392	2783	2789	2796	rBV	1672975	2350023	90.53%	7.719%

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35	19.921	2875	2879	2883	rBV6	25701	42685	1.64%	0.140%
36	20.909	3043	3047	3057	rBV	271552	460682	17.75%	1.513%
37	21.191	3090	3095	3104	rBV	1401580	1852341	71.36%	6.085%
38	22.221	3268	3270	3277	rVB7	127130	174115	6.71%	0.572%
39	23.244	3437	3444	3452	rBV2	1338661	2595938	100.00%	8.527%
40	23.380	3461	3467	3475	rVB2	956801	1757875	67.72%	5.774%

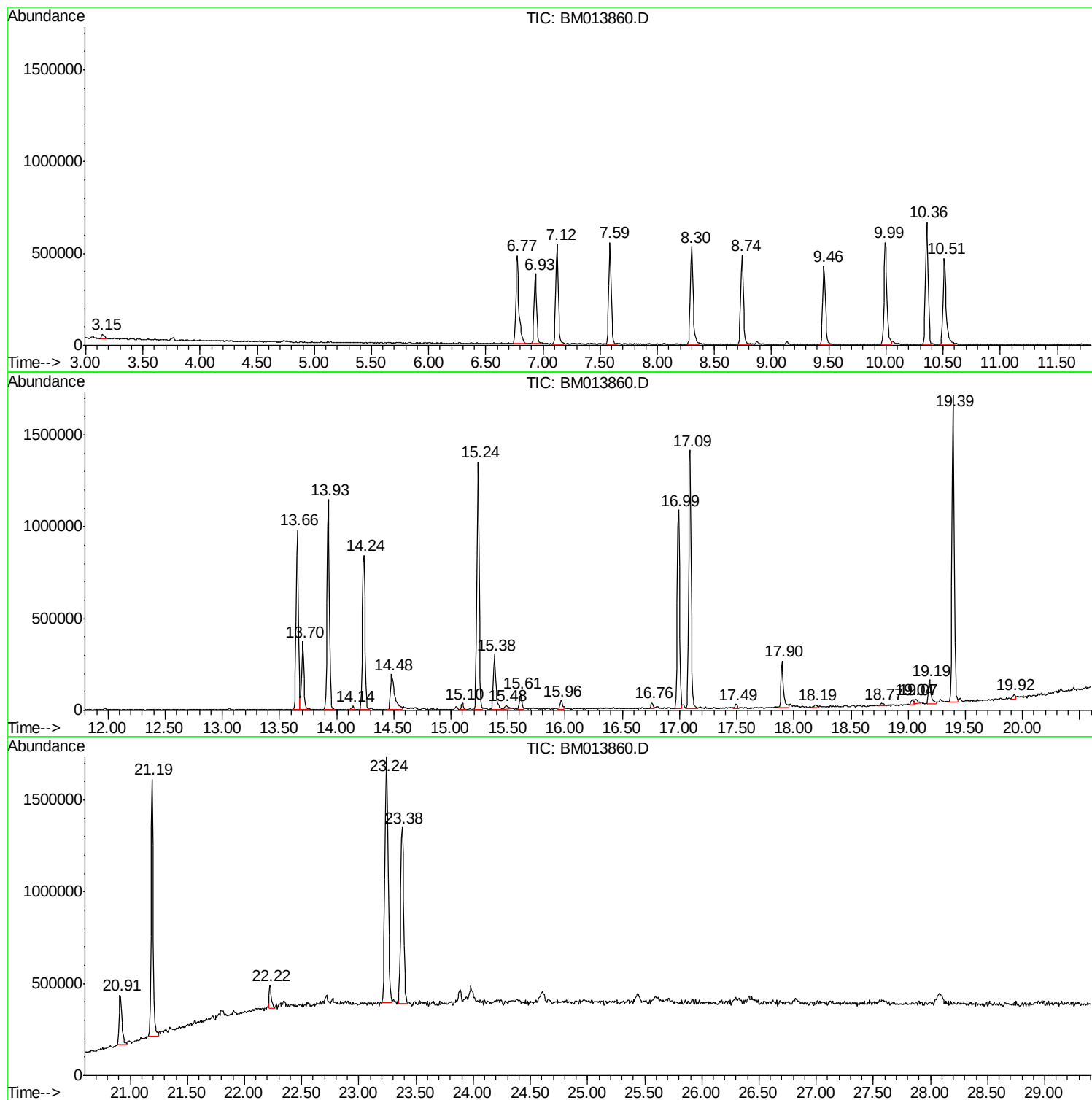
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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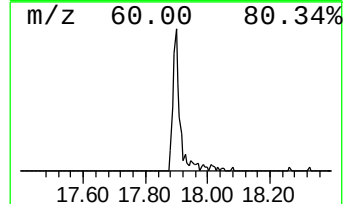
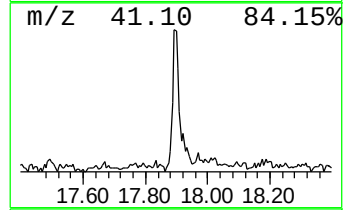
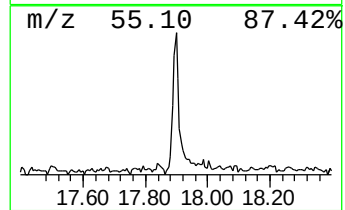
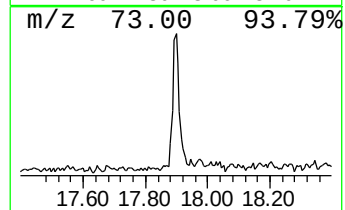
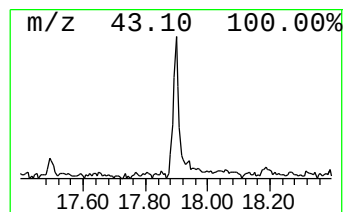
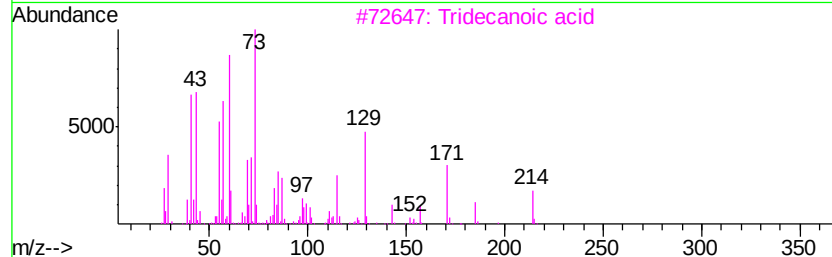
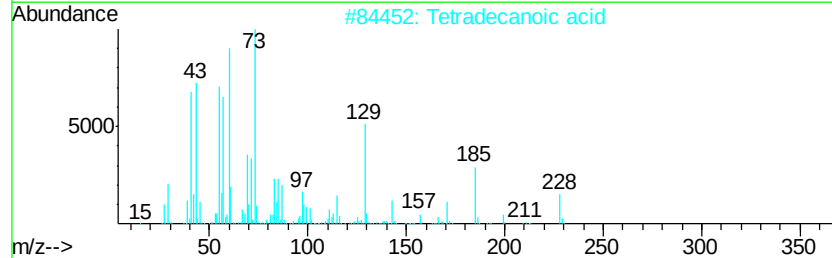
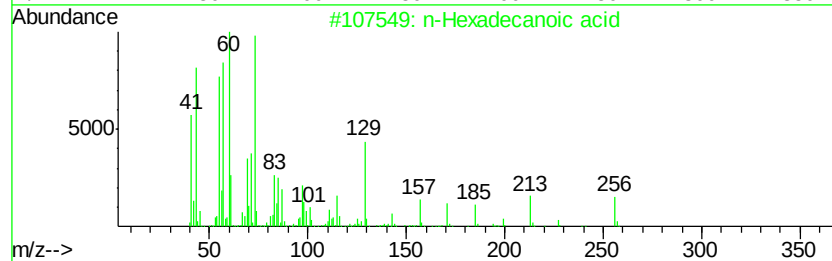
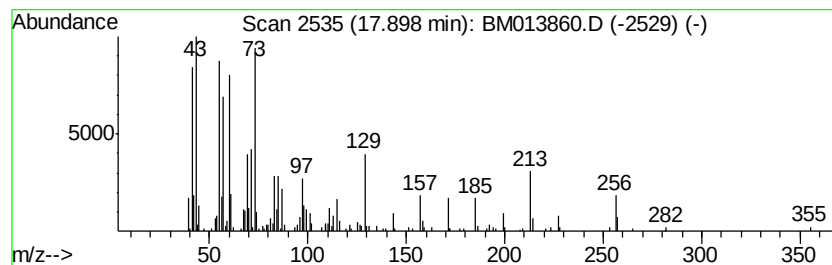
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	5.30 ng/ul	398643	Phenanthrene-d10	16.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 95
2		Tetradecanoic acid	228 C14H28O2	000544-63-8 95
3		Tridecanoic acid	214 C13H26O2	000638-53-9 93
4		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 91
5		Tridecanoic acid	214 C13H26O2	000638-53-9 91



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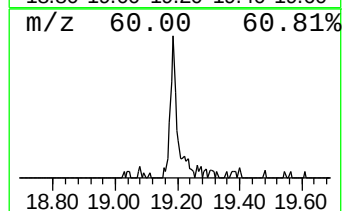
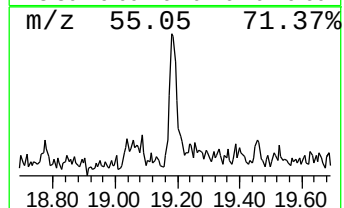
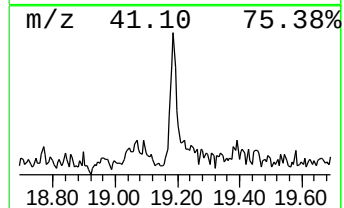
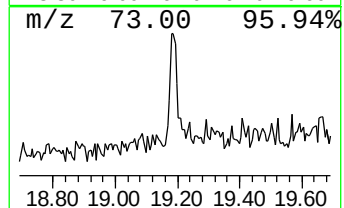
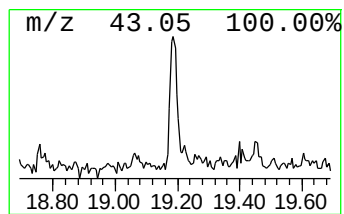
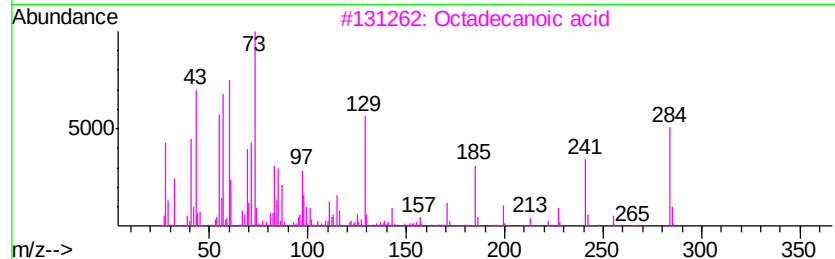
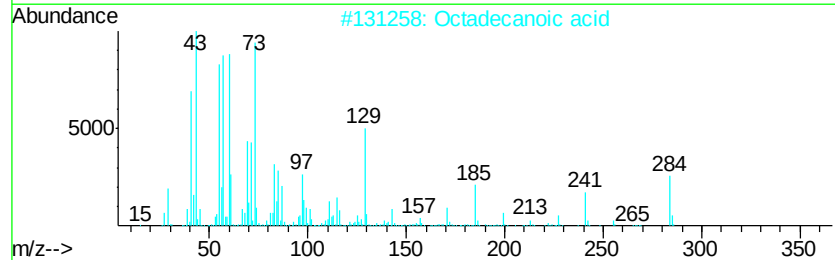
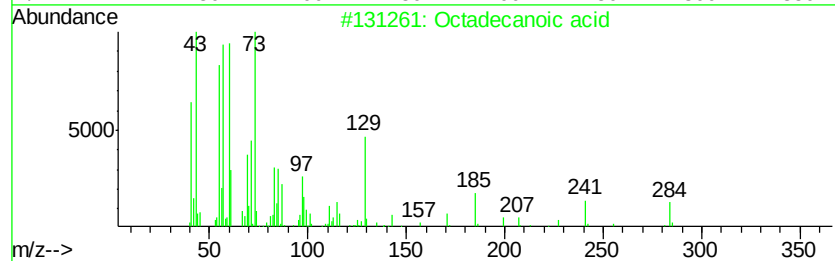
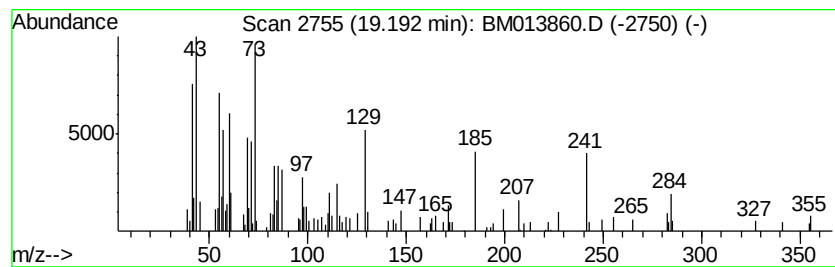
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.22 ng/ul	205548	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2		Octadecanoic acid	284	C18H36O2	000057-11-4	92
3		Octadecanoic acid	284	C18H36O2	000057-11-4	72
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	55
5		Octadecanoic acid	284	C18H36O2	000057-11-4	50



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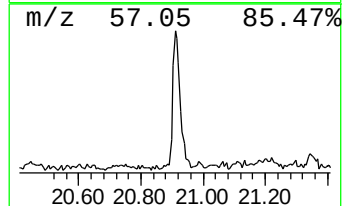
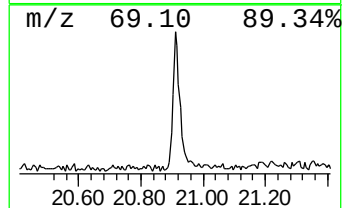
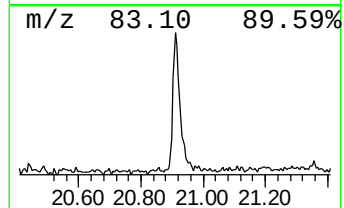
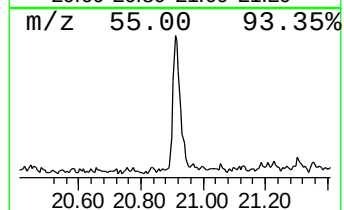
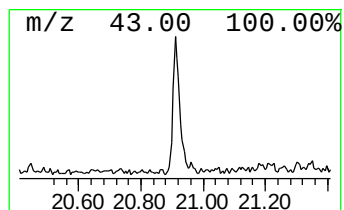
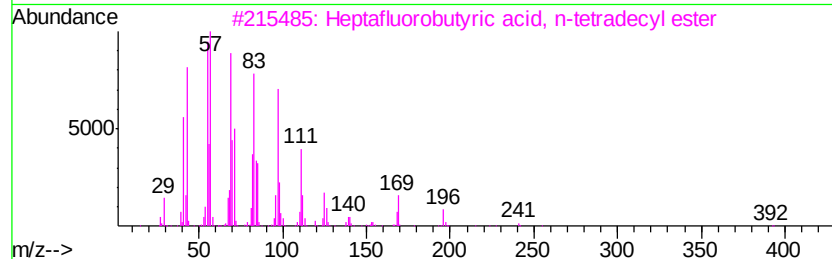
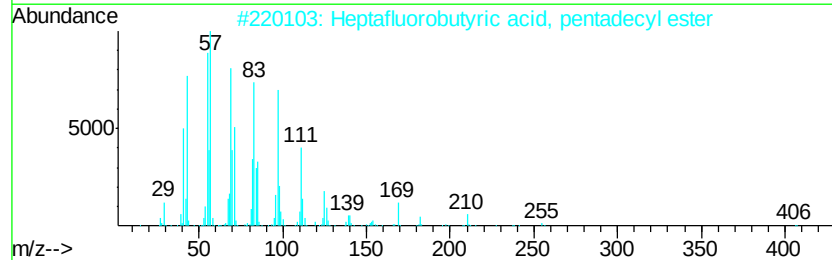
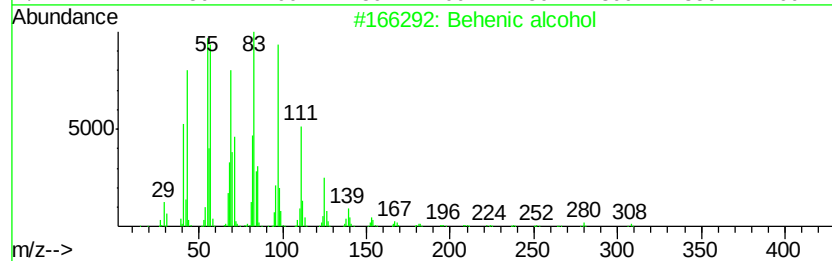
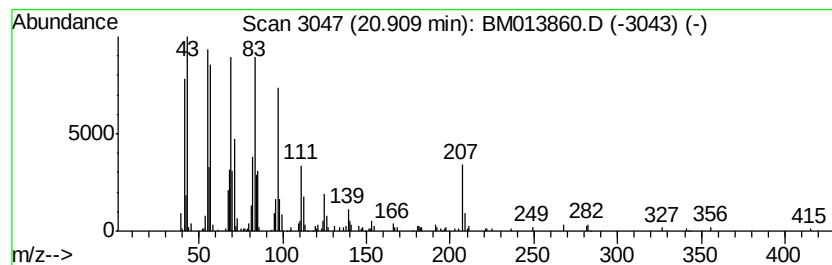
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Peak Number 3 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	4.97 ng/ul	460682	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 94
2		Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5 91
3		Heptafluorobutyric acid, n-tetra...	410 C18H29F7O2	007365-36-8 87
4		Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1 87
5		Trifluoroacetic acid, pentadecyl...	324 C17H31F3O2	959010-23-2 87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.90	5.3	ng/ul	398643	4	16.99	1503480	20.0
Octadecanoic acid	19.19	2.2	ng/ul	205548	5	21.19	1852340	20.0
Behenic alcohol	20.91	5.0	ng/ul	460682	5	21.19	1852340	20.0