

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
 Data File : BM013855.D
 Acq On : 26 Jan 2018 21:52
 Operator : SJ/JU
 Sample : J1245-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B75

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	32	rVB	38273	44744	1.16%	0.124%
2	6.775	636	644	661	rBV2	627050	1168681	30.41%	3.234%
3	6.934	664	671	685	rBV	478855	747113	19.44%	2.067%
4	7.122	697	703	714	rBV2	679987	1075117	27.97%	2.975%
5	7.587	776	782	790	rBV	425634	691709	18.00%	1.914%
6	8.298	897	903	916	rBV	776664	1279560	33.29%	3.540%
7	8.739	971	978	985	rBV	626170	1061472	27.62%	2.937%
8	9.457	1093	1100	1110	rBV	542484	925235	24.08%	2.560%
9	9.992	1185	1191	1209	rBV	750165	1343061	34.95%	3.716%
10	10.357	1244	1253	1260	rBV	523003	937751	24.40%	2.595%
11	10.510	1270	1279	1288	rBV	634492	1192048	31.02%	3.298%
12	11.792	1490	1497	1505	rVB	55793	84060	2.19%	0.233%
13	13.057	1707	1712	1721	rVB	53790	79914	2.08%	0.221%
14	13.657	1807	1814	1819	rBV	1317718	1826079	47.52%	5.053%
15	13.704	1819	1822	1830	rVB	266177	384540	10.01%	1.064%
16	13.927	1851	1860	1869	rBV	1519510	2195572	57.13%	6.075%
17	14.145	1891	1897	1904	rBV2	48659	68159	1.77%	0.189%
18	14.239	1906	1913	1921	rBV2	711278	1102536	28.69%	3.051%
19	14.474	1947	1953	1965	rBV	321867	705784	18.36%	1.953%
20	15.074	2048	2055	2058	rBV2	40822	69026	1.80%	0.191%
21	15.239	2077	2083	2090	rBV	1843603	2598279	67.61%	7.189%
22	15.380	2100	2107	2119	rBV	440697	741595	19.30%	2.052%
23	15.480	2119	2124	2128	rBV4	24470	42132	1.10%	0.117%
24	15.615	2142	2147	2152	rVB2	29756	42961	1.12%	0.119%
25	15.968	2203	2207	2214	rBV5	31771	62120	1.62%	0.172%
26	16.657	2321	2324	2330	rBV5	30755	50705	1.32%	0.140%
27	16.992	2375	2381	2387	rBV	946019	1305686	33.97%	3.613%
28	17.092	2392	2398	2410	rVB	2038803	2827063	73.56%	7.822%
29	17.898	2529	2535	2543	rBV2	217860	334020	8.69%	0.924%
30	19.039	2725	2729	2731	rBV3	34017	44044	1.15%	0.122%
31	19.186	2749	2754	2761	rBV2	147797	224715	5.85%	0.622%
32	19.392	2783	2789	2799	rBV	2462953	3352111	87.22%	9.275%
33	20.915	3043	3048	3056	rBV6	212892	330858	8.61%	0.915%
34	21.192	3090	3095	3103	rBV	1267341	1700723	44.25%	4.706%

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Integrator: RTE
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Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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35	23.244	3437	3444	3454	rVB2	2065043	3843135	100.00%	10.633%
36	23.380	3461	3467	3476	rVB	835225	1659525	43.18%	4.592%

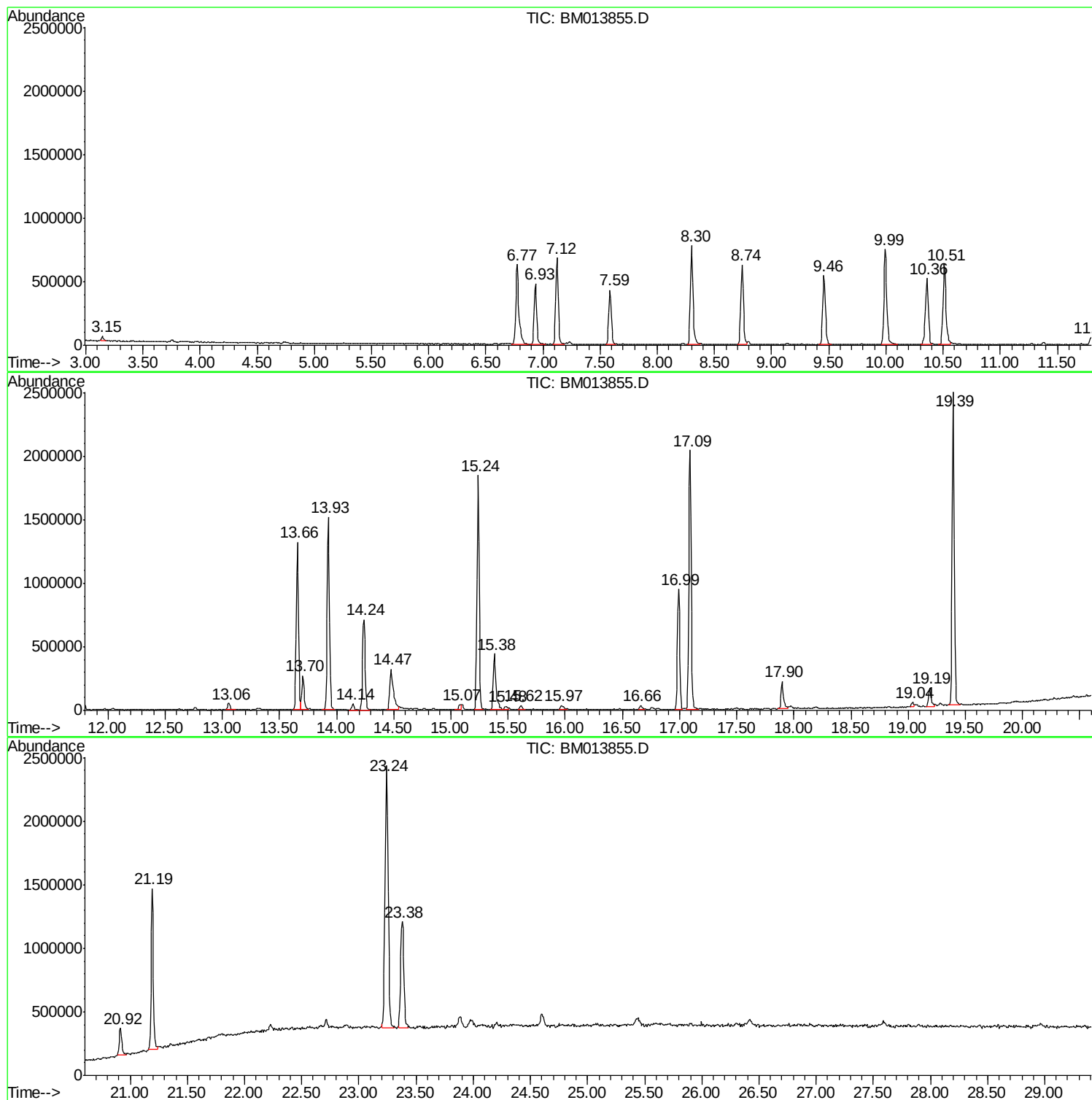
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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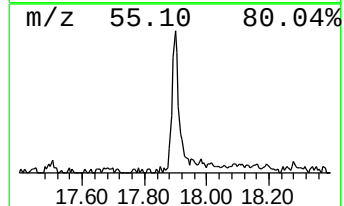
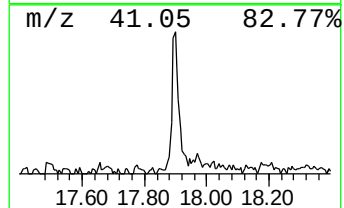
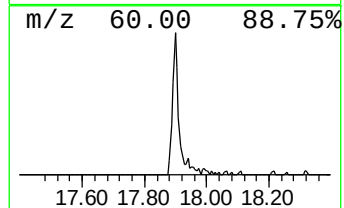
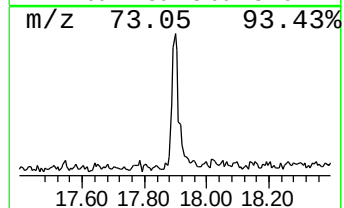
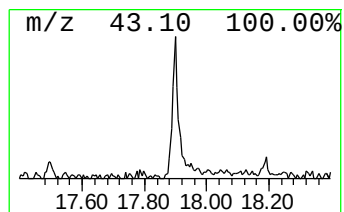
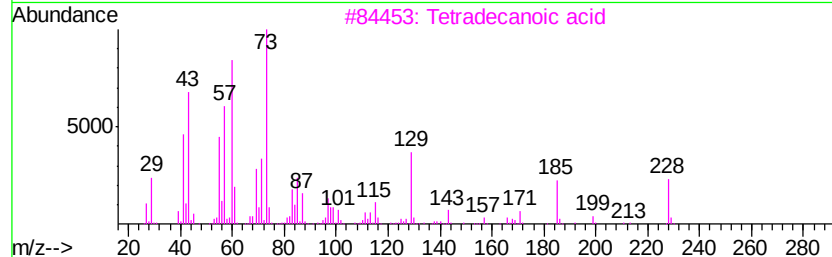
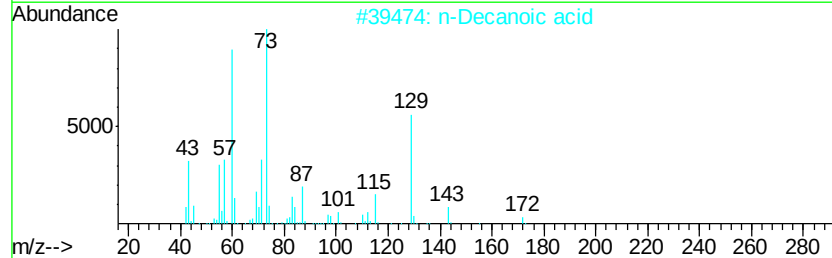
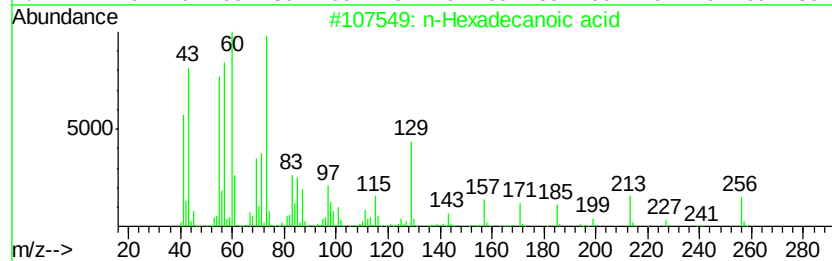
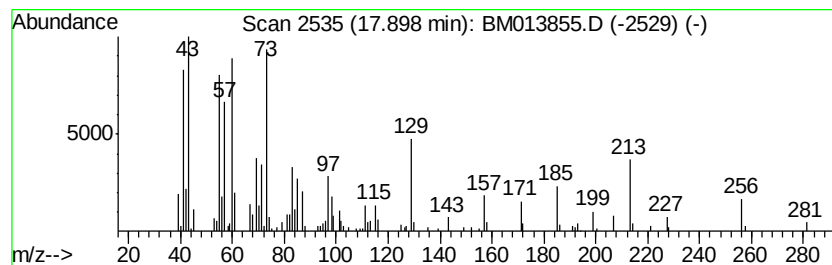
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	5.12 ng/ul	334020	Phenanthrene-d10	16.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 96
2		n-Decanoic acid	172 C10H20O2	000334-48-5 83
3		Tetradecanoic acid	228 C14H28O2	000544-63-8 83
4		Pentadecanoic acid	242 C15H30O2	001002-84-2 74
5		Tridecanoic acid	214 C13H26O2	000638-53-9 72



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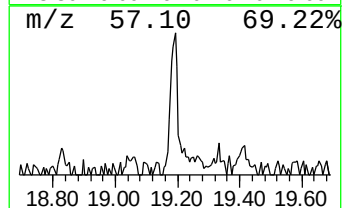
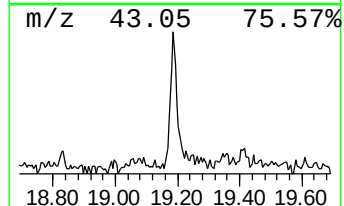
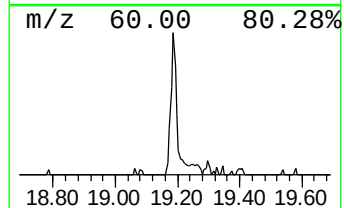
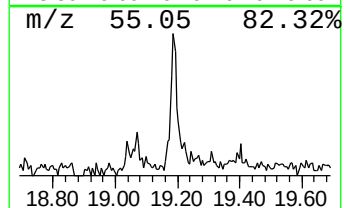
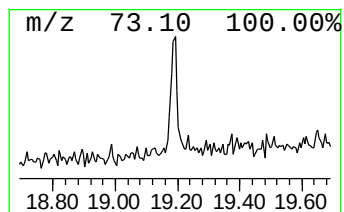
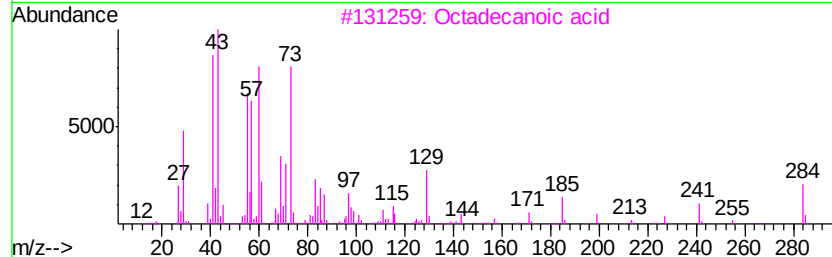
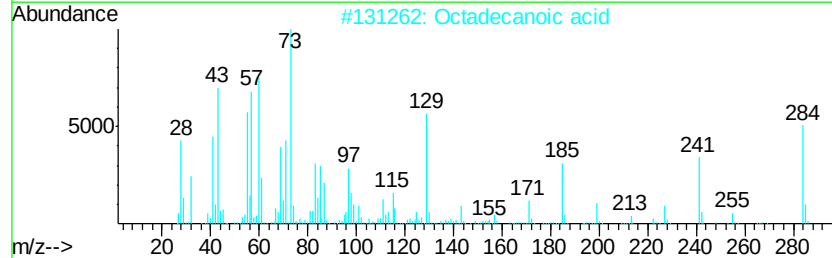
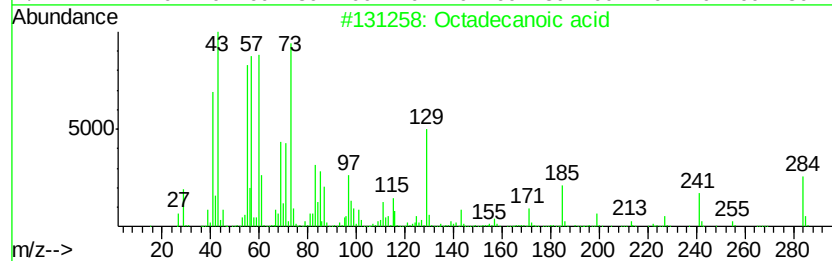
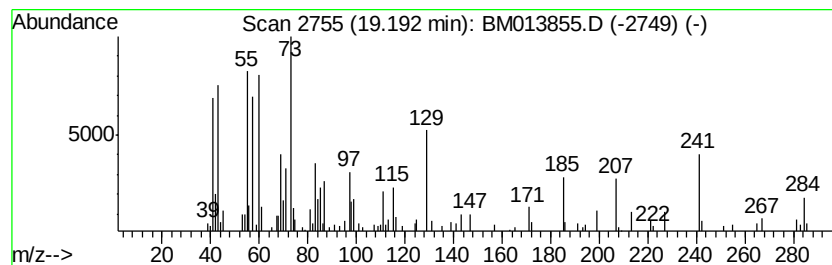
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.19	2.64 ng/ul	224715	Chrysene-d12		21.19		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			Octadecanoic acid	284	C18H36O2	000057-11-4	91
3			Octadecanoic acid	284	C18H36O2	000057-11-4	83
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74
5			Octadecanoic acid	284	C18H36O2	000057-11-4	70



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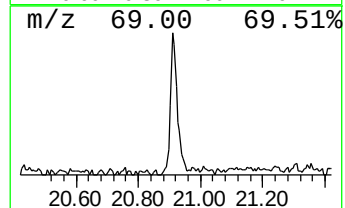
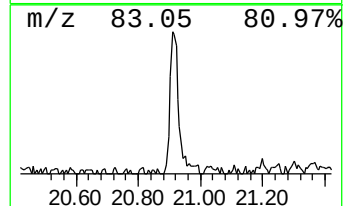
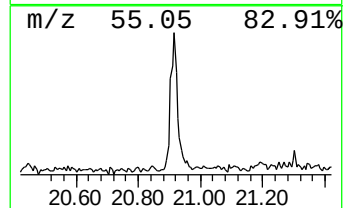
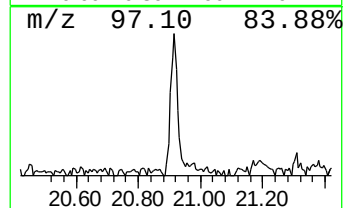
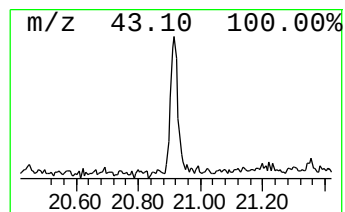
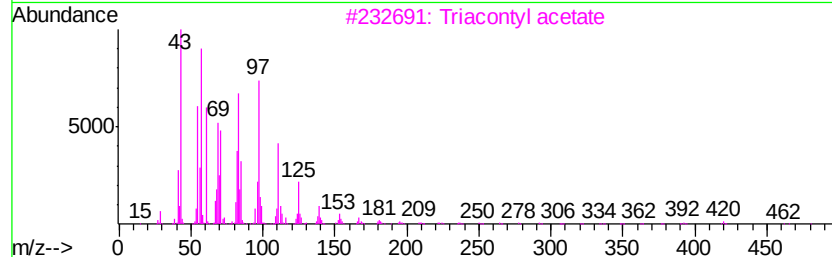
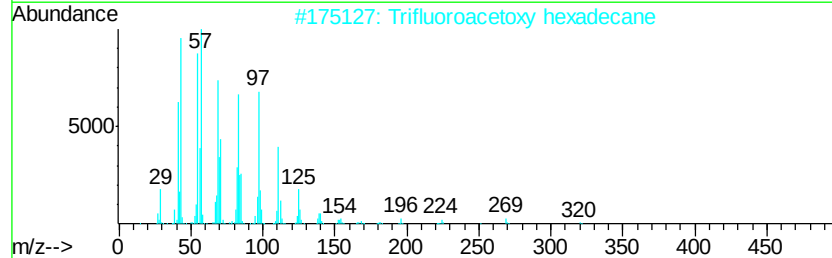
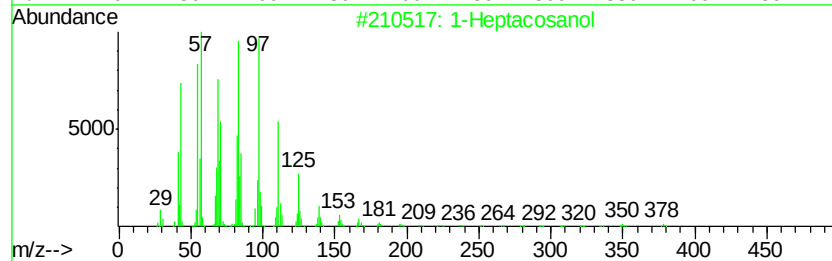
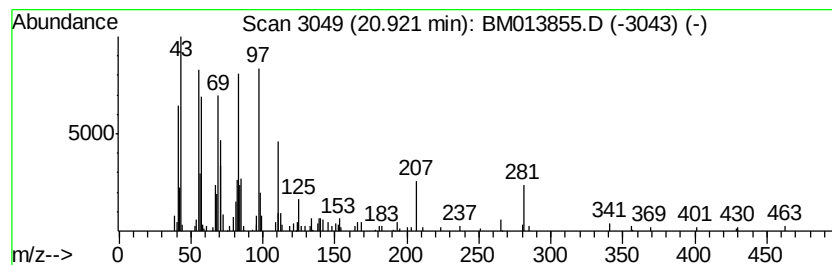
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Peak Number 3 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	3.89 ng/ul	330858	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heptacosanol		396 C27H56O	002004-39-9 94
2	Trifluoroacetoxy hexadecane		338 C18H33F3O2	006222-03-3 87
3	Triacetyl acetate		480 C32H64O2	041755-58-2 76
4	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 70
5	Behenic alcohol		326 C22H46O	000661-19-8 70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.90	5.1	ng/ul	334020	4	16.99	1305690	20.0
Octadecanoic acid	19.19	2.6	ng/ul	224715	5	21.19	1700720	20.0
1-Heptacosanol	20.92	3.9	ng/ul	330858	5	21.19	1700720	20.0