

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120617\
 Data File : BM013226.D
 Acq On : 07 Dec 2017 01:07
 Operator : SJ/JU
 Sample : I6647-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0257

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-BM113017.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	6.875	635	644	656	rBV	1183910	2111646	28.59%	2.661%
2	7.040	666	672	683	rVB	919529	1404060	19.01%	1.770%
3	7.234	697	705	713	rBV	1241105	1982015	26.83%	2.498%
4	7.698	777	784	791	rBV	1050398	1634343	22.13%	2.060%
5	8.404	896	904	914	rBV	1598468	2611502	35.35%	3.291%
6	8.851	972	980	989	rBV	1289079	2099033	28.42%	2.645%
7	9.569	1094	1102	1113	rBV	1107825	1840507	24.92%	2.320%
8	10.104	1184	1193	1205	rBV	1715910	2832758	38.35%	3.570%
9	10.481	1248	1257	1265	rBV	1482698	2457808	33.27%	3.098%
10	10.622	1270	1281	1292	rBV	1088625	1898244	25.70%	2.392%
11	13.169	1707	1714	1721	rVB	63265	92784	1.26%	0.117%
12	13.757	1807	1814	1818	rBV	3001392	4247075	57.50%	5.353%
13	13.798	1818	1821	1830	rVB	574170	824048	11.16%	1.039%
14	14.033	1851	1861	1869	rBV	3452977	5032925	68.14%	6.343%
15	14.245	1893	1897	1905	rVB	150460	202357	2.74%	0.255%
16	14.339	1905	1913	1922	rBV2	2152409	3351239	45.37%	4.224%
17	14.551	1940	1949	1959	rBV	1429038	2227580	30.16%	2.807%
18	15.204	2056	2060	2066	rVB	189353	218400	2.96%	0.275%
19	15.339	2074	2083	2089	rBV	4342274	6183765	83.72%	7.793%
20	15.457	2096	2103	2112	rBV	1156853	1630019	22.07%	2.054%
21	15.574	2118	2123	2127	rBV3	55131	100704	1.36%	0.127%
22	16.069	2202	2207	2215	rBV	127816	213913	2.90%	0.270%
23	16.857	2335	2341	2346	rBV2	56018	85369	1.16%	0.108%
24	17.086	2374	2380	2391	rVB2	2778481	4040882	54.71%	5.093%
25	17.186	2391	2397	2404	rBV	4597269	6580389	89.09%	8.293%
26	17.992	2529	2534	2542	rBV	728893	975190	13.20%	1.229%
27	19.121	2721	2726	2728	rBV2	91937	143222	1.94%	0.181%
28	19.274	2748	2752	2761	rBV	464143	679331	9.20%	0.856%
29	19.368	2764	2768	2772	rVV	55879	88427	1.20%	0.111%
30	19.486	2782	2788	2794	rBV	5498380	7386531	100.00%	9.309%
31	19.545	2794	2798	2802	rVB4	63964	85876	1.16%	0.108%
32	20.998	3041	3045	3051	rBV	936560	1263141	17.10%	1.592%
33	21.274	3087	3092	3098	rBV2	3361184	4123652	55.83%	5.197%
34	23.362	3441	3447	3459	rVB2	2789985	5431442	73.53%	6.845%

LSC Area Percent Report

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Sampling : 1 Min Area: 1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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35	23.503	3465	3471	3479	rVB	1710431	3265978	44.22%	4.116%
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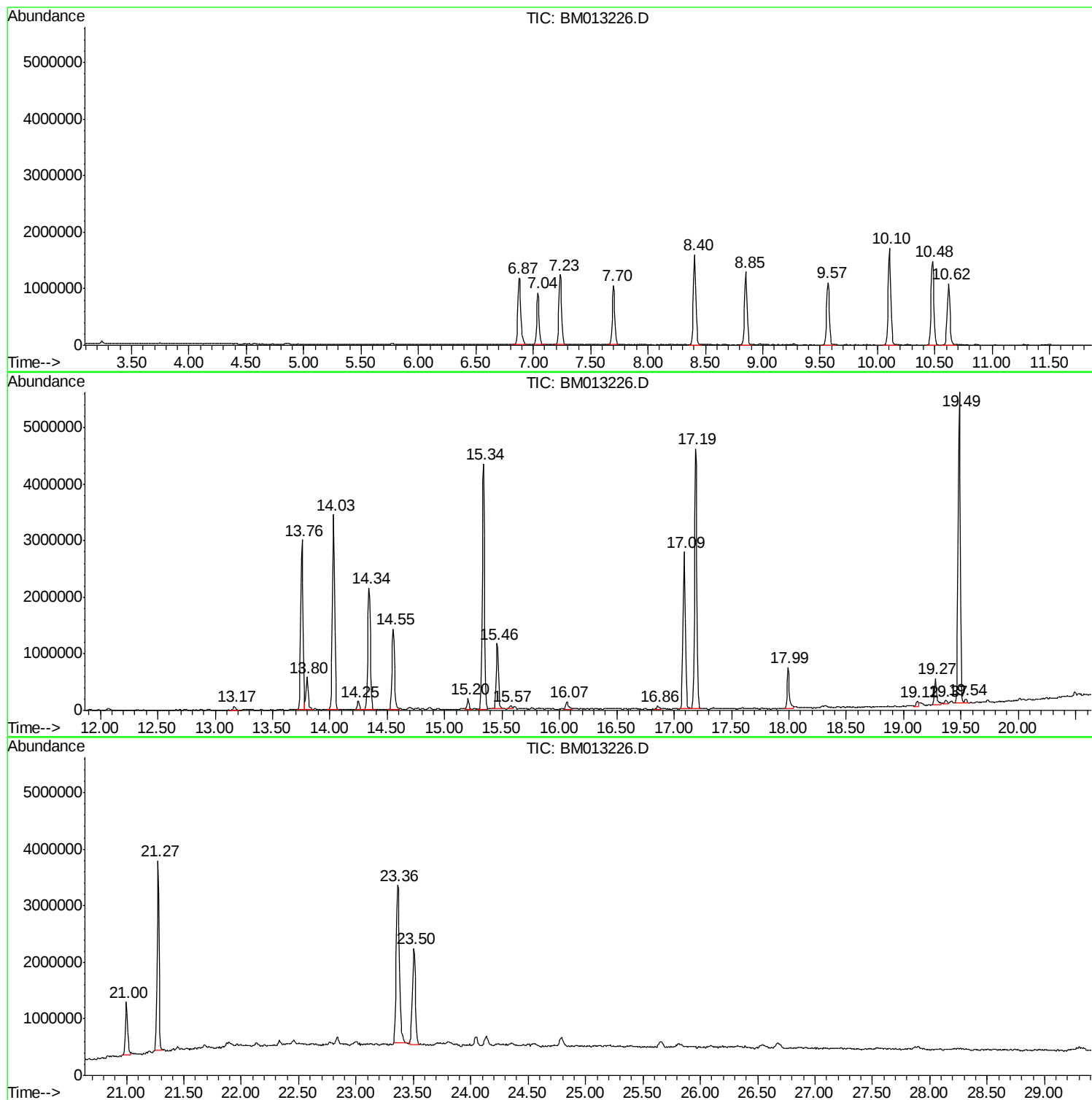
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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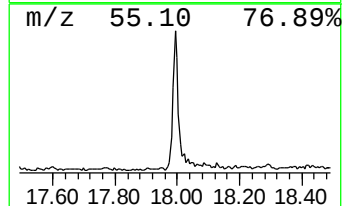
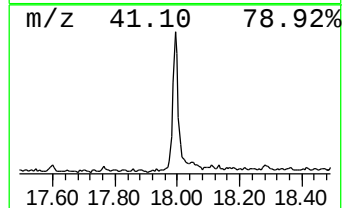
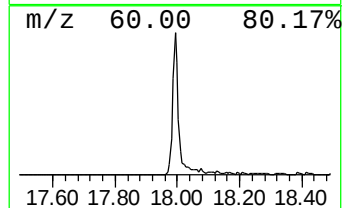
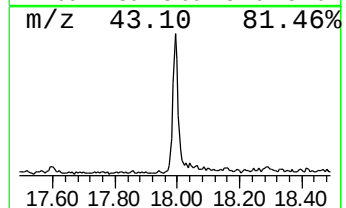
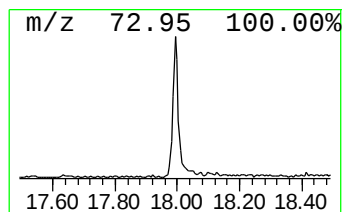
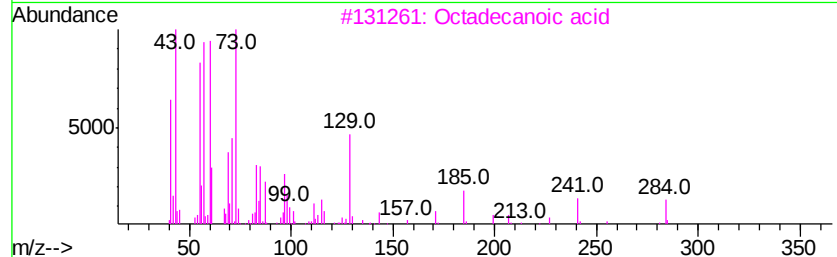
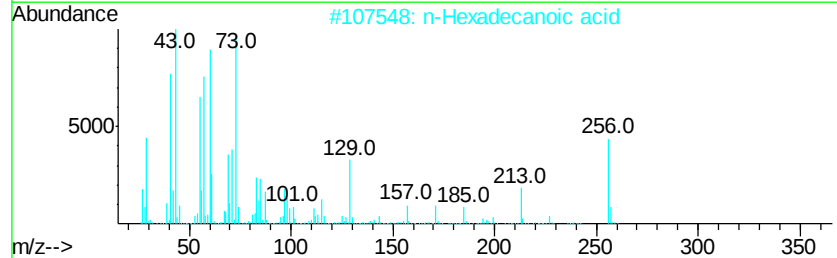
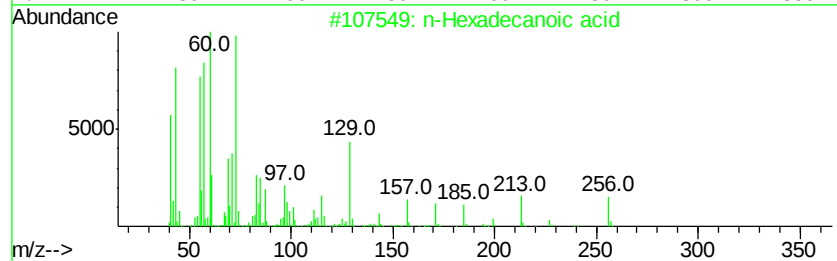
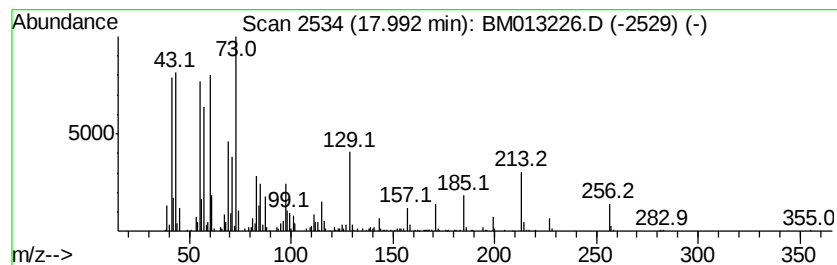
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.99	4.83 ng/ul	975190	Phenanthrene-d10		17.09	
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	97
3		Octadecanoic acid	284	C18H36O2	000057-11-4	81
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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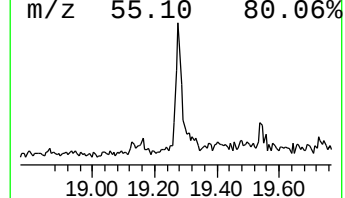
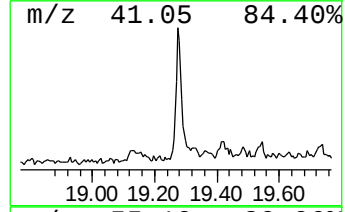
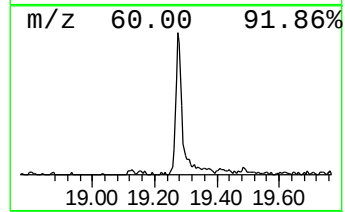
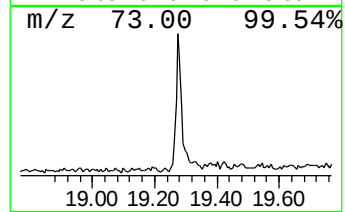
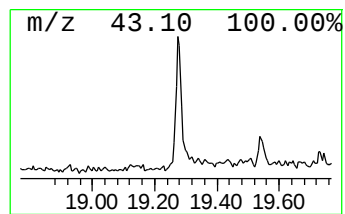
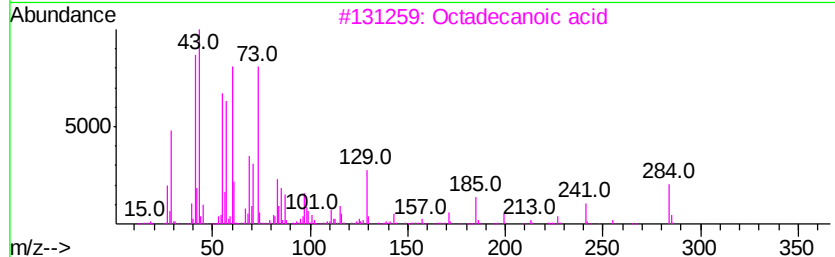
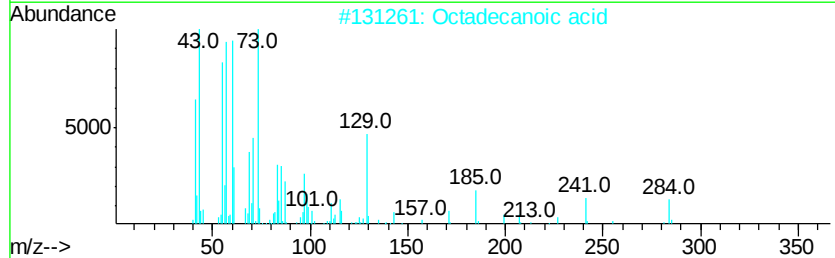
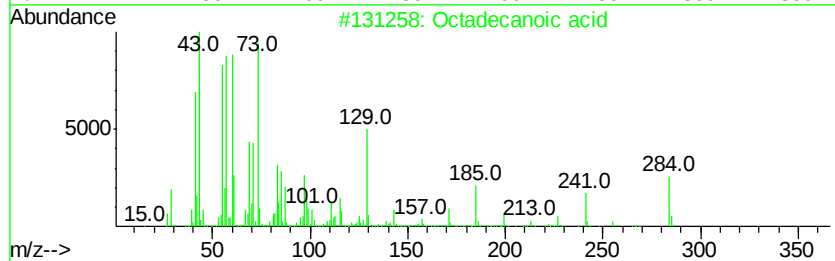
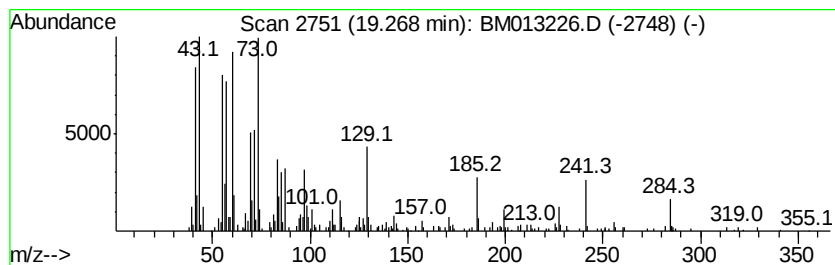
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	3.29 ng/ul	679331	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	93



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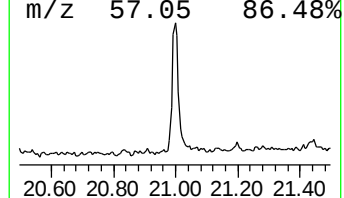
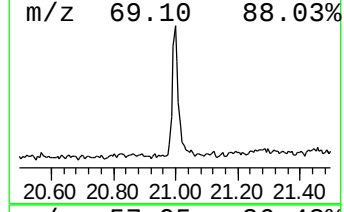
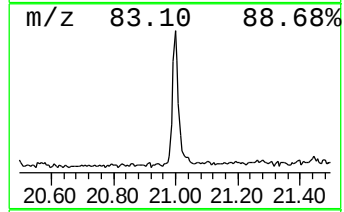
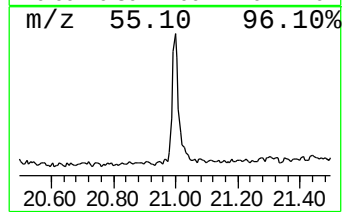
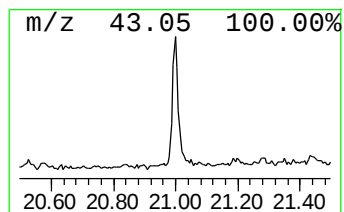
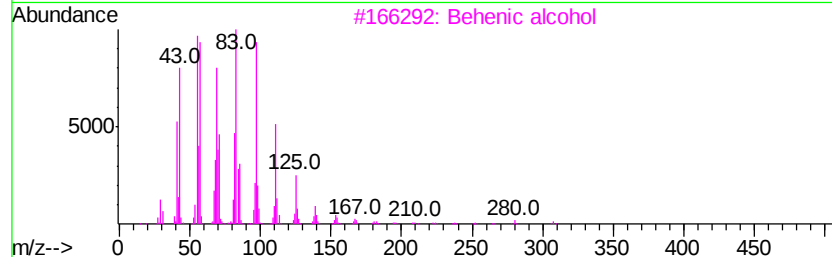
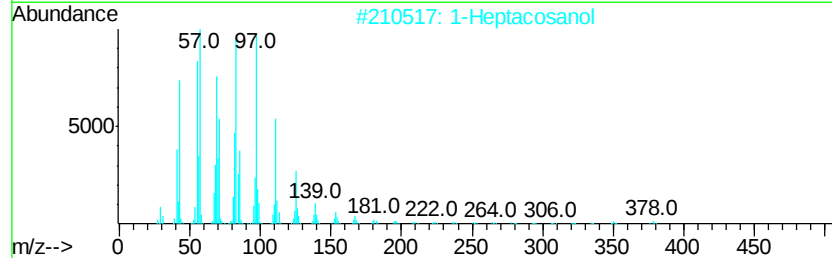
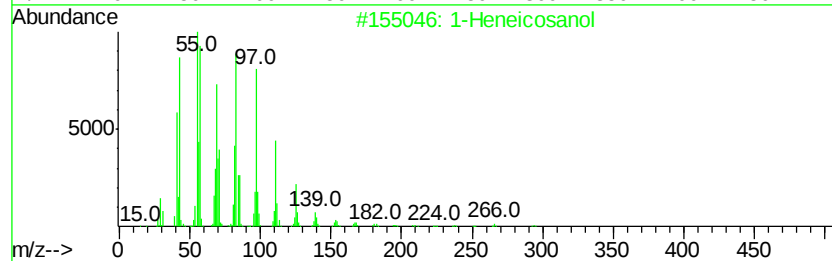
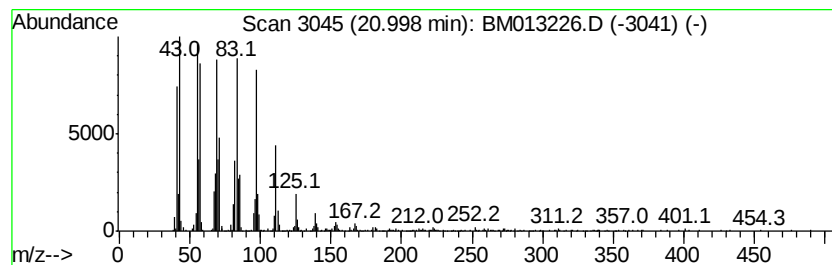
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Peak Number 3 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	6.13 ng/ul	1263140	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		1-Heptacosanol	396	C27H56O	002004-39-9	94
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	4.8	ng/ul	975190	4	17.09	4040880	20.0
Octadecanoic acid	19.27	3.3	ng/ul	679331	5	21.27	4123650	20.0
1-Heneicosanol	21.00	6.1	ng/ul	1263140	5	21.27	4123650	20.0