

Data Path : Z:\HPCHEM1\BNA M\Data\BM020218\
 Data File : BM014122.D
 Acq On : 02 Feb 2018 20:22
 Operator : SJ/JU
 Sample : J1355-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6D54

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-BM013118.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	3.822	138	142	148	rVB	63164	86785	2.26%	0.222%
2	6.740	633	638	654	rBV	508845	994828	25.95%	2.542%
3	6.904	660	666	677	rBV	395958	619874	16.17%	1.584%
4	7.087	691	697	708	rBV	603736	964054	25.15%	2.463%
5	7.551	770	776	787	rBV	381589	646421	16.86%	1.652%
6	8.269	891	898	910	rBV	691694	1209800	31.56%	3.091%
7	8.710	966	973	988	rBV	585605	1038107	27.08%	2.653%
8	9.428	1088	1095	1109	rBV	519274	959712	25.04%	2.452%
9	9.963	1178	1186	1201	rBV	702766	1338366	34.92%	3.420%
10	10.322	1241	1247	1257	rBV	533116	886031	23.12%	2.264%
11	10.480	1267	1274	1292	rBV2	561509	1179754	30.78%	3.014%
12	13.627	1803	1809	1814	rBV	1455362	2030599	52.98%	5.189%
13	13.674	1814	1817	1826	rVB	222439	369225	9.63%	0.943%
14	13.898	1846	1855	1865	rBV	1657823	2401143	62.64%	6.135%
15	14.110	1886	1891	1897	rBV	39226	57796	1.51%	0.148%
16	14.210	1900	1908	1916	rBV2	748603	1194382	31.16%	3.052%
17	14.451	1944	1949	1964	rBV2	294208	733976	19.15%	1.875%
18	15.068	2050	2054	2059	rVB2	63428	82131	2.14%	0.210%
19	15.210	2072	2078	2087	rBV	2015428	2880471	75.15%	7.360%
20	15.357	2098	2103	2115	rBV	490120	822391	21.46%	2.101%
21	15.457	2116	2120	2128	rVB8	34008	71243	1.86%	0.182%
22	15.939	2196	2202	2210	rBV2	66315	101160	2.64%	0.258%
23	16.727	2330	2336	2340	rBV5	28408	48258	1.26%	0.123%
24	16.962	2370	2376	2384	rBV	1015792	1440169	37.57%	3.680%
25	17.062	2387	2393	2403	rBV	2124493	3180948	82.99%	8.128%
26	17.874	2524	2531	2546	rBV	634340	1055952	27.55%	2.698%
27	19.015	2720	2725	2728	rBV2	83245	128723	3.36%	0.329%
28	19.039	2728	2729	2734	rVB5	39215	48605	1.27%	0.124%
29	19.162	2745	2750	2762	rBV	466965	772064	20.14%	1.973%
30	19.256	2764	2766	2773	rVB3	34128	46597	1.22%	0.119%
31	19.368	2779	2785	2793	rBV	2611854	3599359	93.91%	9.197%
32	19.909	2872	2877	2881	rBV7	20469	38805	1.01%	0.099%
33	20.892	3039	3044	3052	rBV2	435439	698435	18.22%	1.785%
34	21.174	3086	3092	3103	rBV	1287581	1849932	48.26%	4.727%

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35	23.215	3432	3439	3451	rVB2	2106321	3832952	100.00%	9.794%
36	23.350	3456	3462	3476	rVB	886202	1727399	45.07%	4.414%

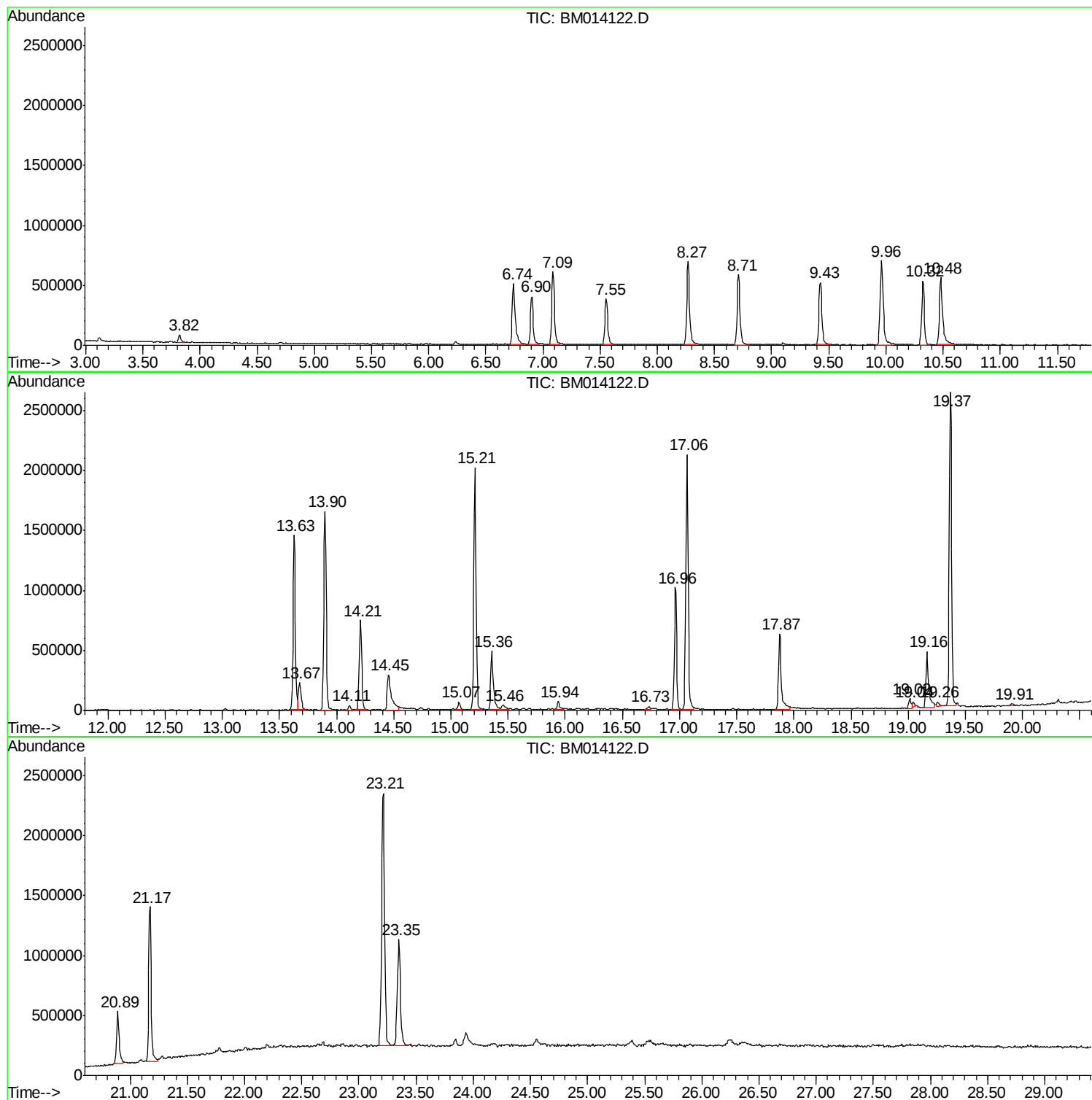
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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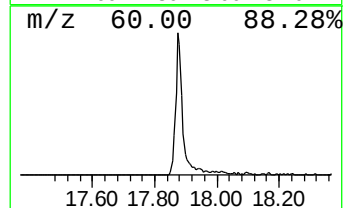
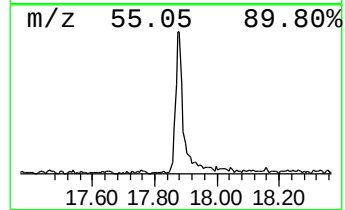
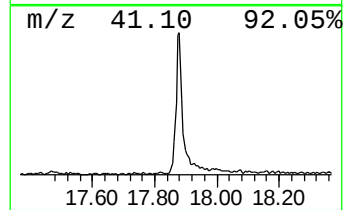
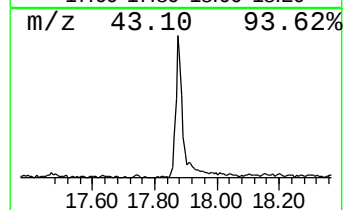
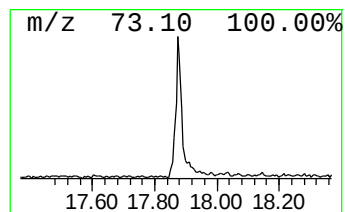
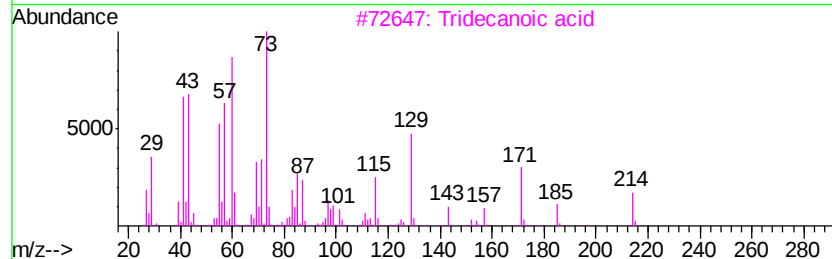
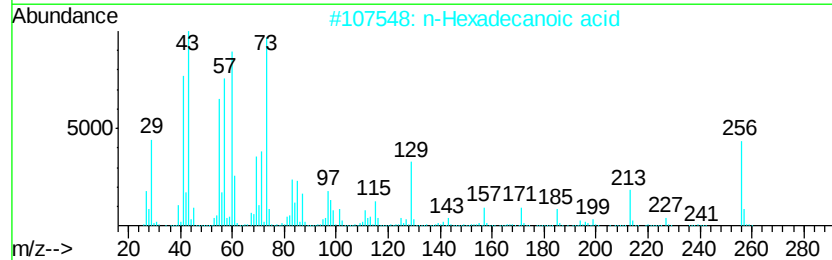
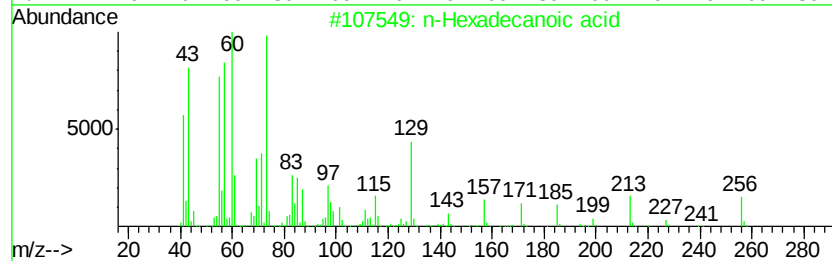
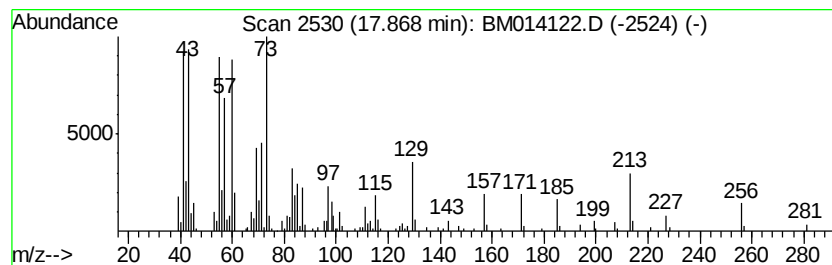
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	14.66 ng/ul	1055950	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	92
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	90



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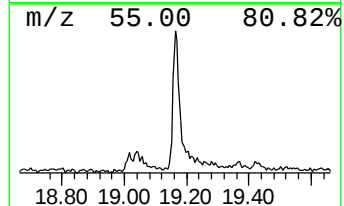
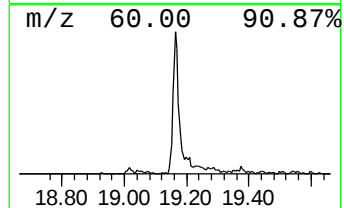
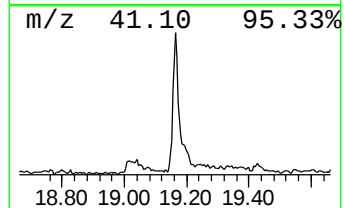
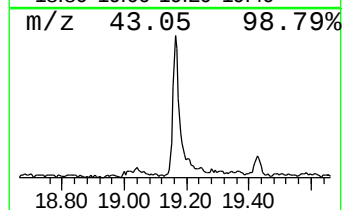
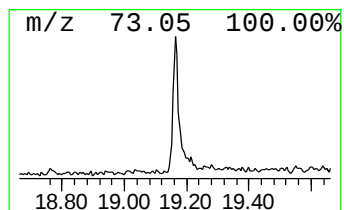
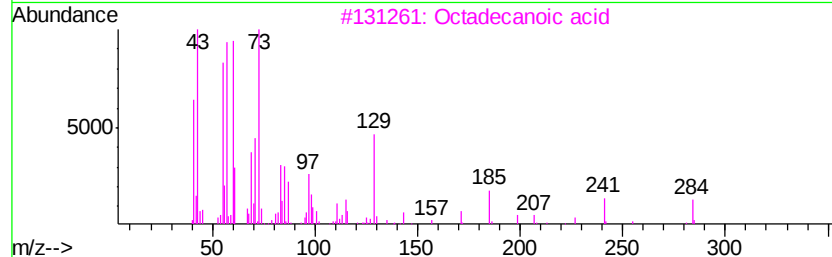
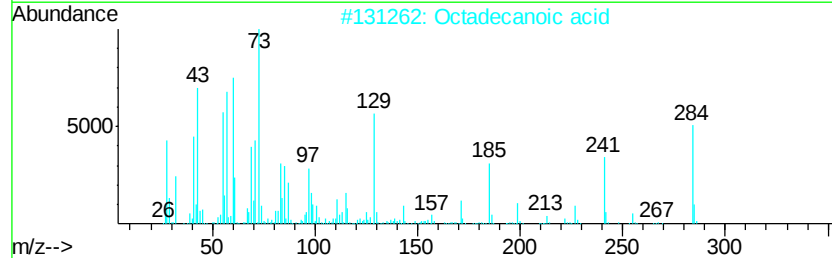
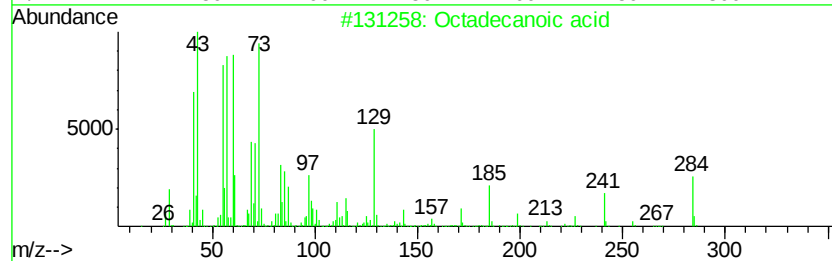
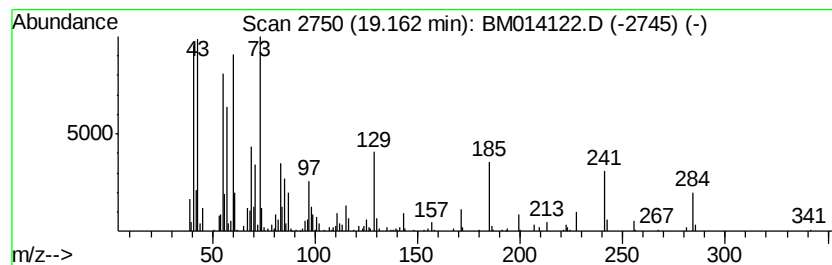
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	8.35 ng/ul	772064	Chrysene-d12	21.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	94
3			Octadecanoic acid	284	C18H36O2	000057-11-4	81
4			Dodecanoic acid	200	C12H24O2	000143-07-7	76
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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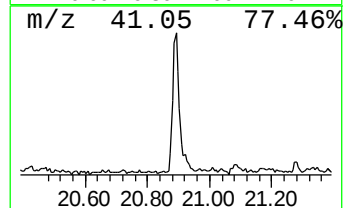
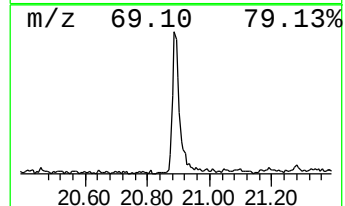
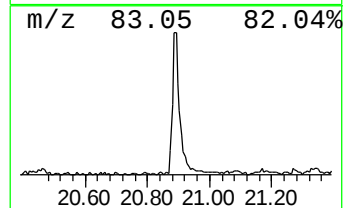
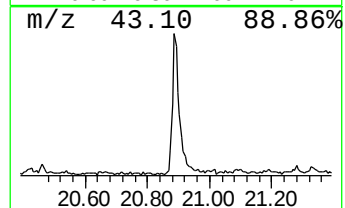
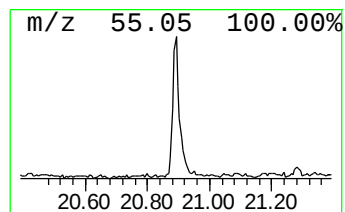
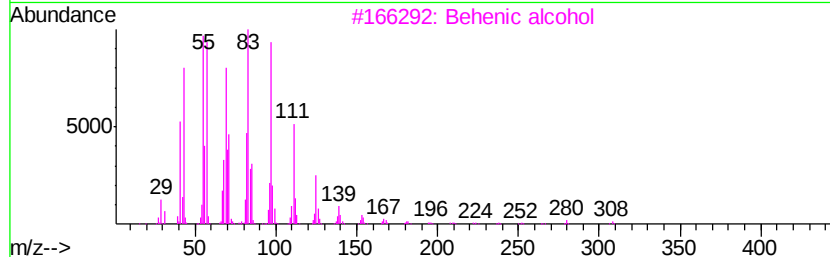
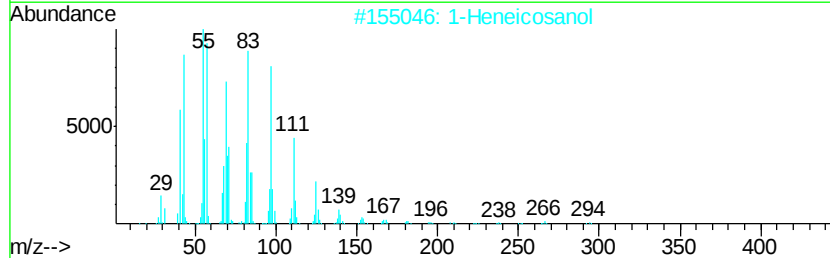
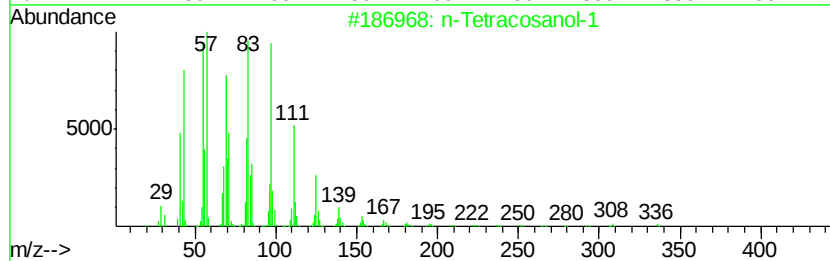
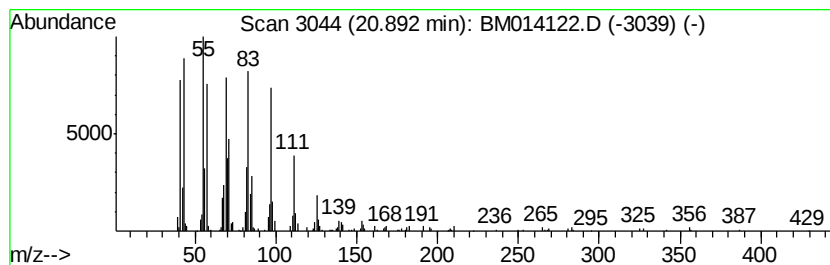
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Peak Number 4 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	7.55 ng/ul	698435	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	91
3		Behenic alcohol	326	C22H46O	000661-19-8	91
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
5		1-Tricosene	322	C23H46	018835-32-0	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	14.7	ng/ul	1055950	4	16.96	1440170	20.0
Octadecanoic acid	19.16	8.3	ng/ul	772064	5	21.17	1849930	20.0
n-Tetracosanol-1	20.89	7.5	ng/ul	698435	5	21.17	1849930	20.0