

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
 Data File : BM013718.D
 Acq On : 23 Jan 2018 05:32
 Operator : SJ/JU
 Sample : J1174-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A60

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	3.158	26	29	34	rVB	53613	62413	1.18%	0.113%
2	6.793	640	647	661	rBV2	1040397	1877862	35.52%	3.394%
3	6.951	668	674	683	rVB	763235	1169364	22.12%	2.114%
4	7.145	700	707	717	rVB	1086504	1698551	32.13%	3.070%
5	7.610	779	786	794	rBV	696821	1133584	21.44%	2.049%
6	8.322	900	907	917	rBV	1269325	2059753	38.96%	3.723%
7	8.763	975	982	991	rBV	1046303	1711852	32.38%	3.094%
8	9.481	1096	1104	1114	rBV	895179	1493799	28.26%	2.700%
9	10.016	1188	1195	1207	rBV	1205831	2123531	40.17%	3.838%
10	10.386	1250	1258	1266	rBV	881958	1482911	28.05%	2.680%
11	10.534	1275	1283	1299	rBV	1096196	1952315	36.93%	3.529%
12	13.680	1812	1818	1822	rBV	2003896	2771628	52.43%	5.009%
13	13.722	1822	1825	1834	rVB	694629	1005133	19.01%	1.817%
14	13.951	1856	1864	1873	rBV	2364313	3440863	65.09%	6.219%
15	14.163	1895	1900	1906	rVB2	67777	91551	1.73%	0.165%
16	14.257	1910	1916	1924	rVV2	1129637	1782806	33.73%	3.222%
17	14.486	1949	1955	1967	rBV	568338	1052337	19.91%	1.902%
18	15.063	2049	2053	2058	rBV2	34969	58041	1.10%	0.105%
19	15.121	2058	2063	2068	rVB2	83435	108770	2.06%	0.197%
20	15.257	2080	2086	2093	rBV	2669184	3894498	73.67%	7.039%
21	15.398	2103	2110	2121	rBV	653890	1026437	19.42%	1.855%
22	15.504	2123	2128	2130	rBV3	37378	54539	1.03%	0.099%
23	15.986	2206	2210	2213	rBV2	71168	104920	1.98%	0.190%
24	16.780	2342	2345	2352	rBV2	54800	77945	1.47%	0.141%
25	17.015	2378	2385	2390	rBV2	1408446	2041965	38.63%	3.691%
26	17.110	2395	2401	2412	rVB2	2889545	4140717	78.33%	7.484%
27	17.921	2533	2539	2546	rBV	367500	569429	10.77%	1.029%
28	17.986	2546	2550	2559	rVB	230291	341012	6.45%	0.616%
29	19.051	2727	2731	2734	rBV	42406	59907	1.13%	0.108%
30	19.204	2751	2757	2767	rBV3	157087	279190	5.28%	0.505%
31	19.415	2787	2793	2800	rBV	3484520	4786817	90.55%	8.652%
32	20.933	3045	3051	3059	rBV2	379624	599795	11.35%	1.084%
33	21.209	3093	3098	3105	rBV	1914651	2508524	47.45%	4.534%
34	22.750	3356	3360	3364	rVB4	64318	98927	1.87%	0.179%

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35	23.274	3442	3449	3460	rVB2	2919010	5286219	100.00%	9.554%
36	23.409	3466	3472	3480	rVB	1330984	2380048	45.02%	4.302%

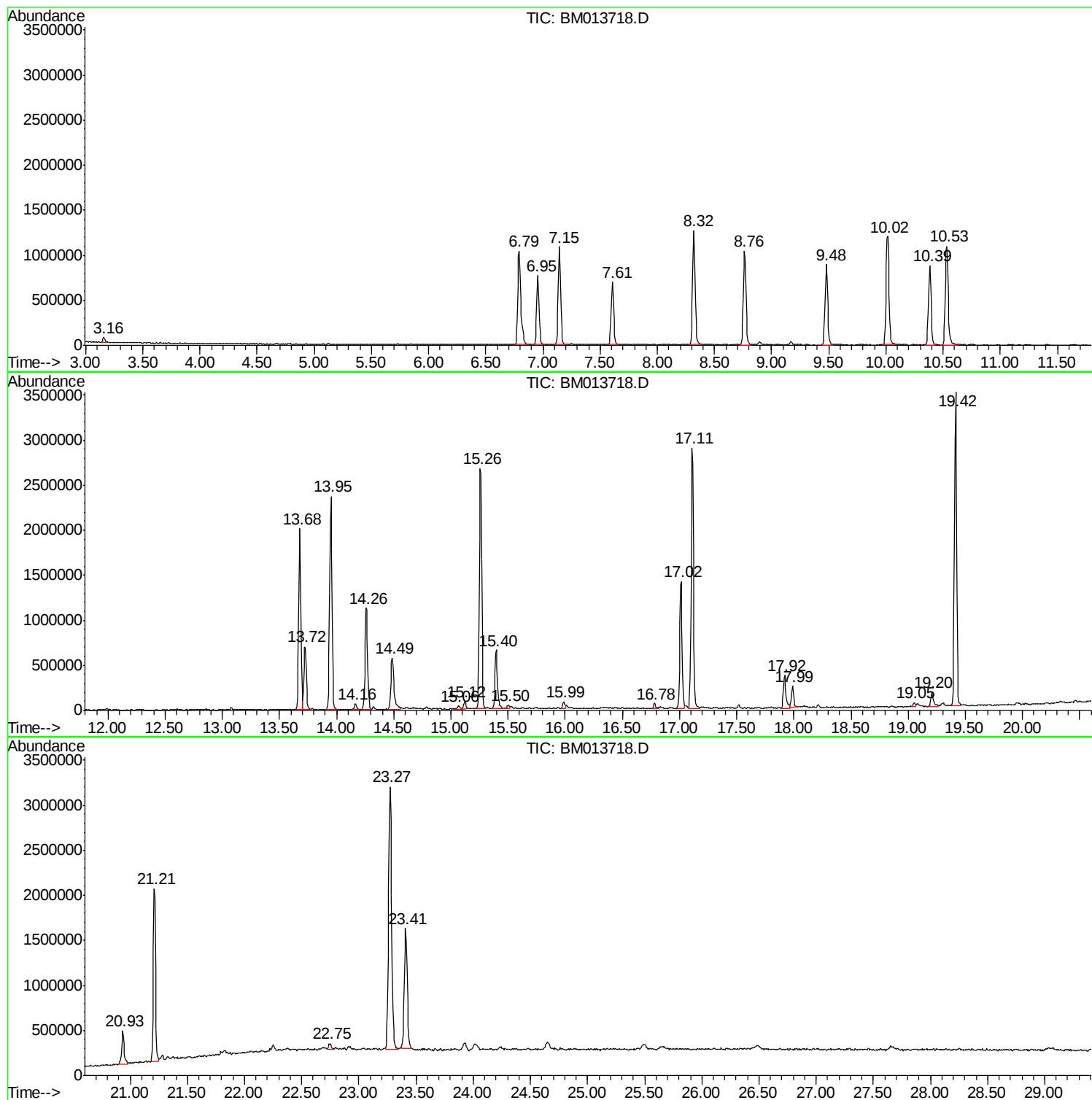
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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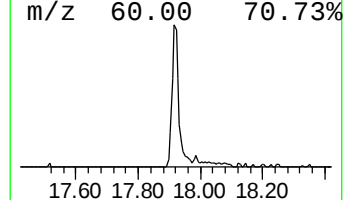
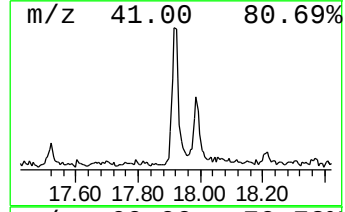
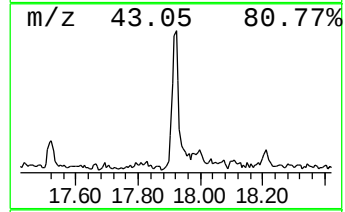
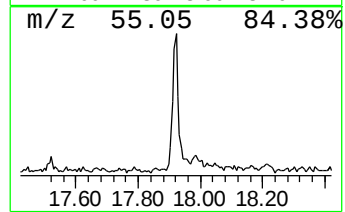
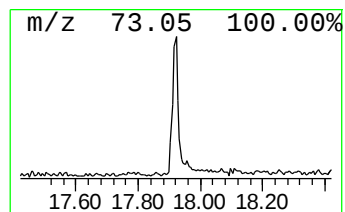
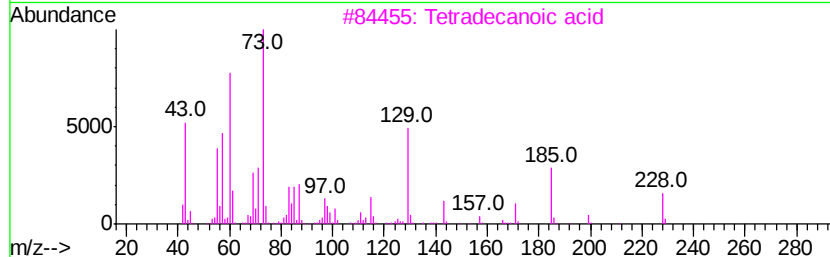
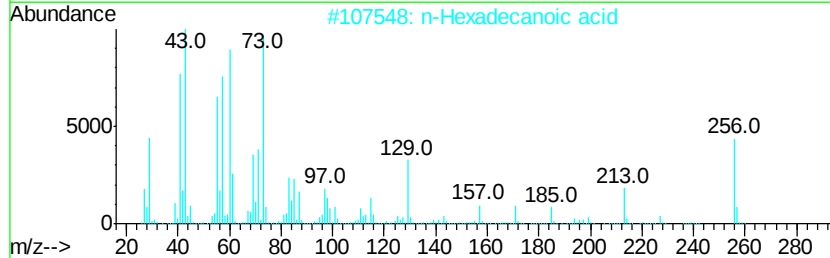
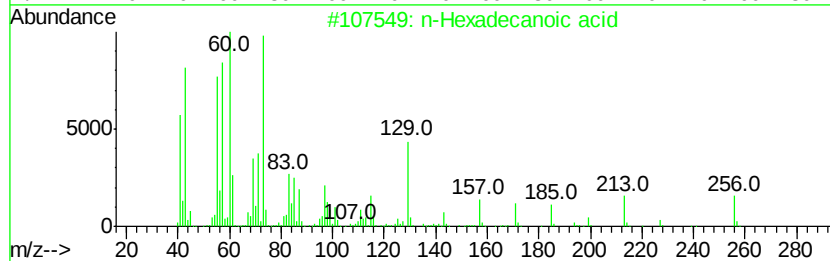
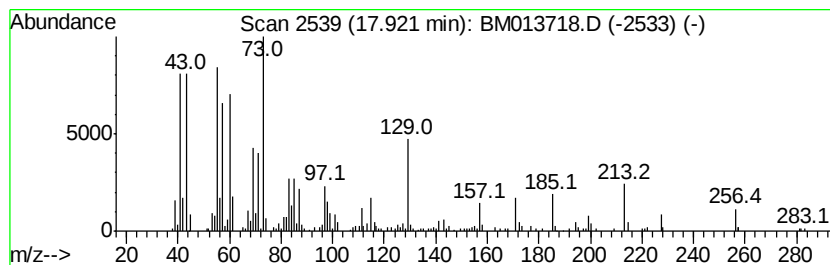
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.92	5.58 ng/ul	569429	Phenanthrene-d10	17.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70	



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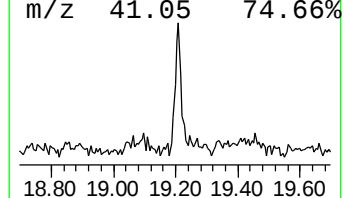
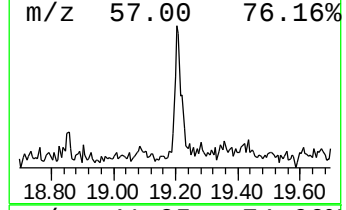
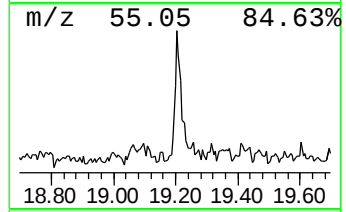
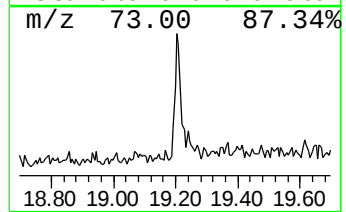
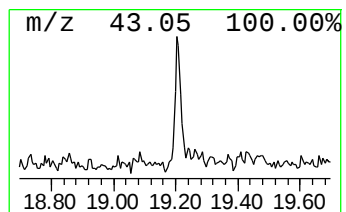
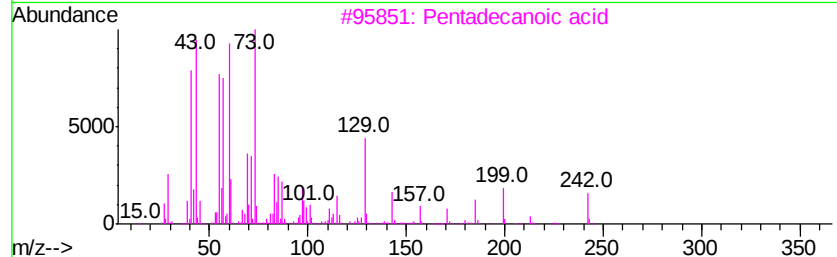
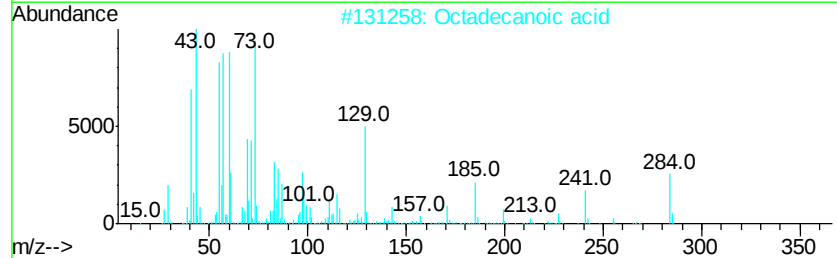
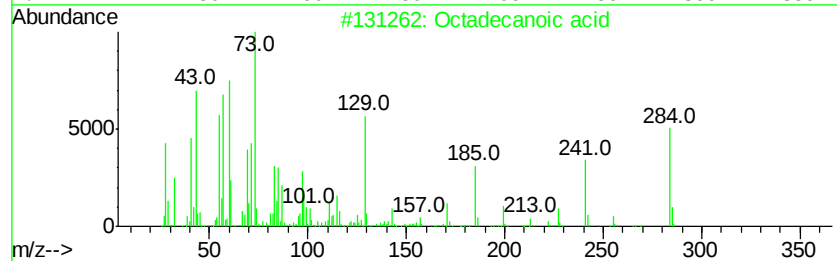
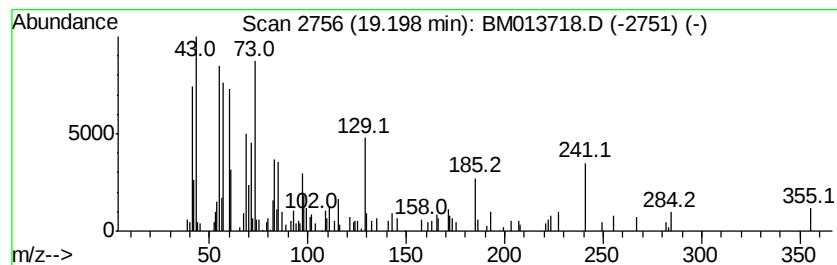
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.23 ng/ul	279190	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	92
2		Octadecanoic acid	284	C18H36O2	000057-11-4	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Octadecanoic acid	284	C18H36O2	000057-11-4	76



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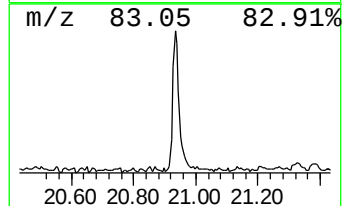
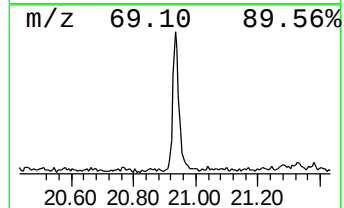
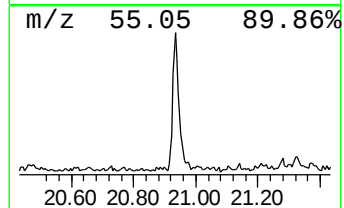
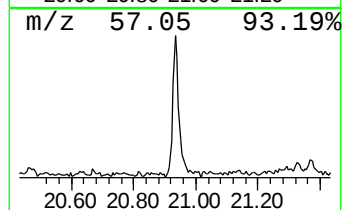
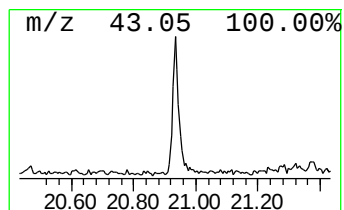
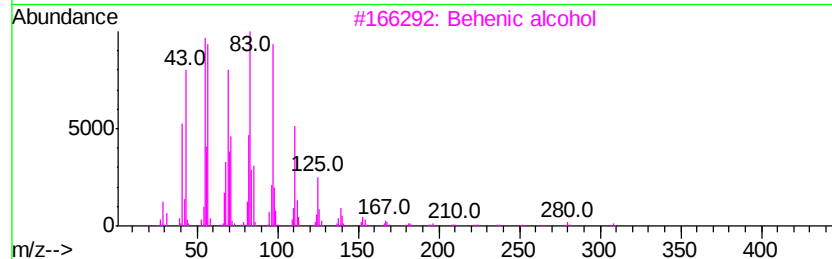
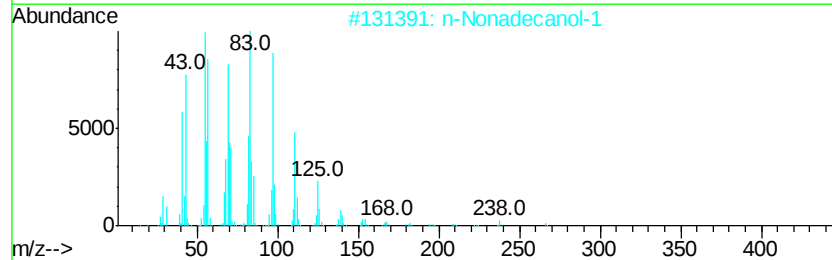
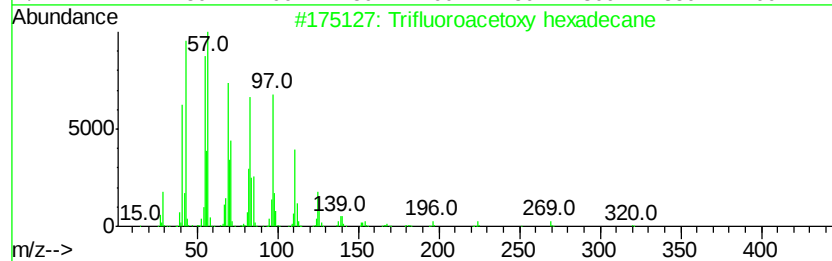
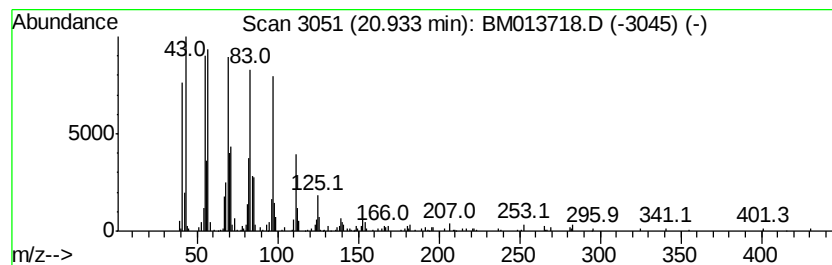
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Peak Number 3 Trifluoroacetoxy hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.78 ng/ul	599795	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		Octacosanol	410	C28H58O	000557-61-9	93
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	5.6	ng/ul	569429	4	17.02	2041970	20.0
Octadecanoic acid	19.20	2.2	ng/ul	279190	5	21.21	2508520	20.0
Trifluoroacetoxy ...	20.93	4.8	ng/ul	599795	5	21.21	2508520	20.0