

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
 Data File : BM012256.D
 Acq On : 17 Oct 2017 19:47
 Operator : SJ/JU
 Sample : I5697-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0AE2

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-BM101217.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	6.957	652	658	676	rBV2	765482	1671065	25.09%	2.856%
2	7.122	679	686	698	rVV	614386	1003728	15.07%	1.715%
3	7.322	713	720	731	rBV	797884	1375118	20.65%	2.350%
4	7.786	793	799	808	rBV	695538	1193344	17.92%	2.039%
5	8.504	913	921	935	rBV	1075042	1897660	28.49%	3.243%
6	8.957	991	998	1014	rBV	793742	1437410	21.58%	2.456%
7	9.680	1114	1121	1136	rBV	717036	1328881	19.95%	2.271%
8	10.222	1206	1213	1230	rBV	995227	1897837	28.50%	3.243%
9	10.586	1268	1275	1285	rBV	977094	1682950	25.27%	2.876%
10	10.739	1293	1301	1319	rBV	915369	1891636	28.40%	3.233%
11	11.921	1497	1502	1515	rBV	43276	89124	1.34%	0.152%
12	13.851	1823	1830	1834	rBV	1958863	2804949	42.12%	4.793%
13	13.898	1834	1838	1851	rVB	905273	1297840	19.49%	2.218%
14	14.133	1872	1878	1891	rBV	2082225	3219244	48.34%	5.501%
15	14.310	1901	1908	1920	rBV3	34818	94521	1.42%	0.162%
16	14.445	1924	1931	1943	rVB2	1377173	2175874	32.67%	3.718%
17	14.674	1962	1970	1989	rBV	440107	1043943	15.68%	1.784%
18	15.192	2052	2058	2068	rBV	103656	150488	2.26%	0.257%
19	15.439	2093	2100	2110	rBV	2946219	4132087	62.05%	7.061%
20	15.586	2119	2125	2135	rBV	612111	1056833	15.87%	1.806%
21	15.804	2157	2162	2172	rVB	153666	216400	3.25%	0.370%
22	17.192	2392	2398	2408	rBV2	2322048	3250339	48.81%	5.554%
23	17.292	2408	2415	2431	rVV	3742179	5358411	80.46%	9.157%
24	18.068	2542	2547	2552	rBV	353904	502935	7.55%	0.859%
25	19.227	2737	2744	2748	rBV2	74421	159535	2.40%	0.273%
26	19.350	2760	2765	2773	rBV2	261802	415710	6.24%	0.710%
27	19.474	2782	2786	2791	rBV	40711	74101	1.11%	0.127%
28	19.586	2799	2805	2813	rBV	4828387	6659719	100.00%	11.381%
29	21.062	3052	3056	3063	rBV	301954	392526	5.89%	0.671%
30	21.374	3104	3109	3122	rBV	2492534	3402336	51.09%	5.814%
31	23.527	3468	3475	3486	rVB2	2154237	4222434	63.40%	7.216%
32	23.674	3494	3500	3511	rVB	1244183	2418440	36.31%	4.133%

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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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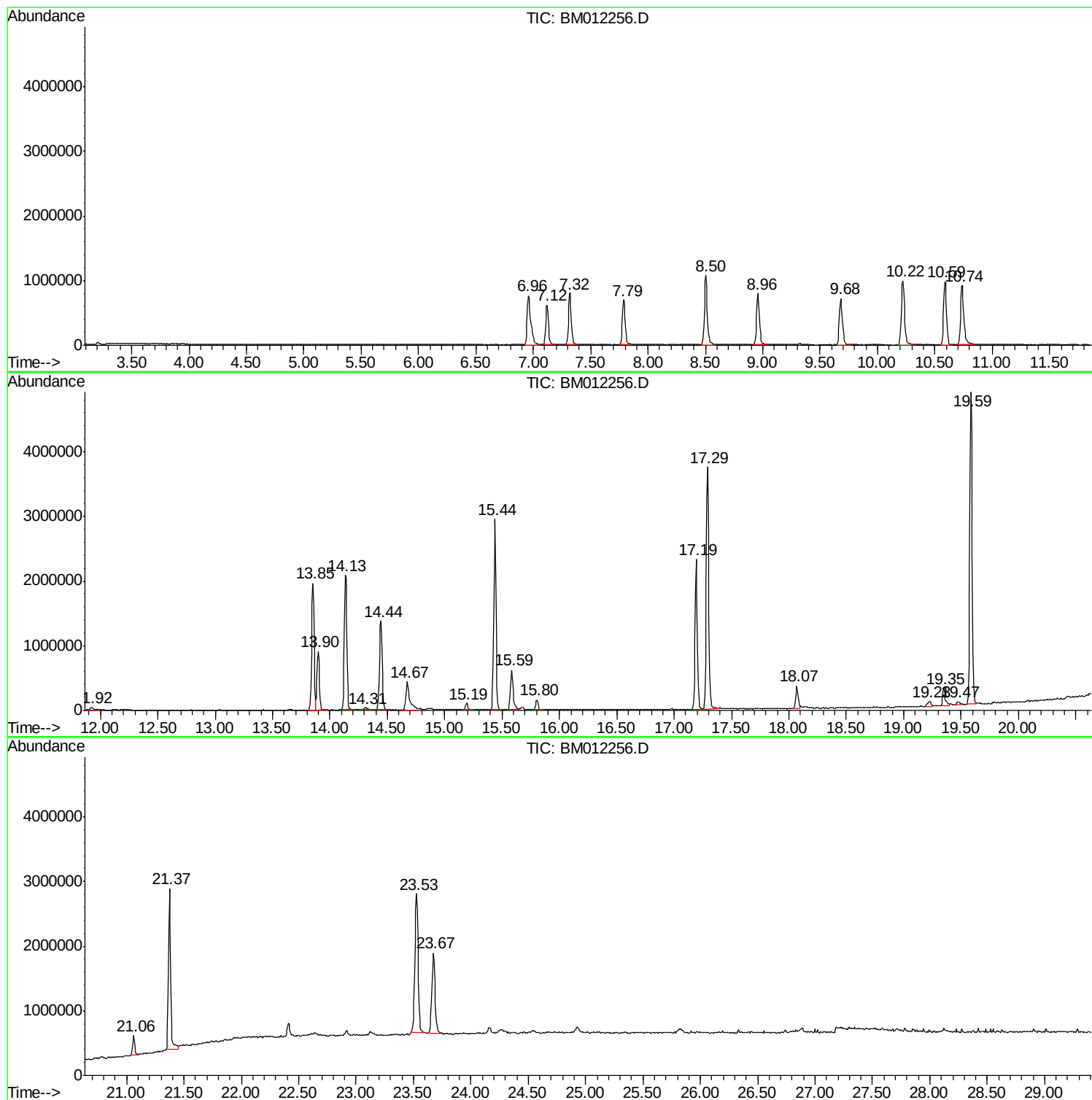
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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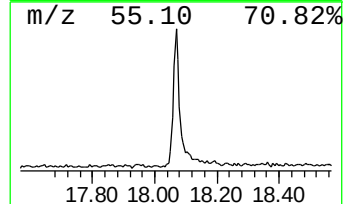
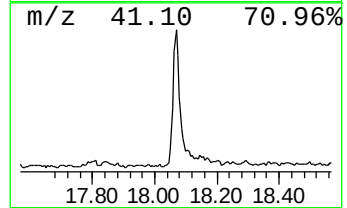
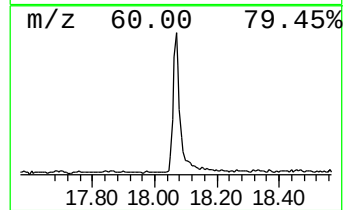
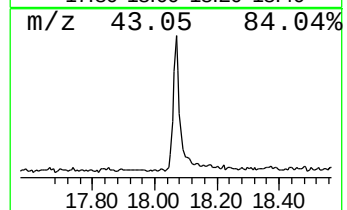
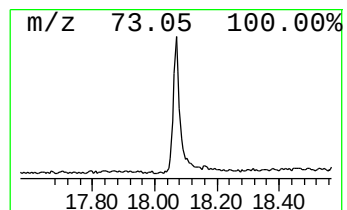
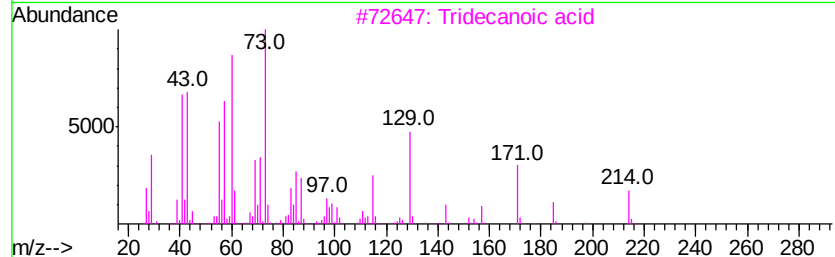
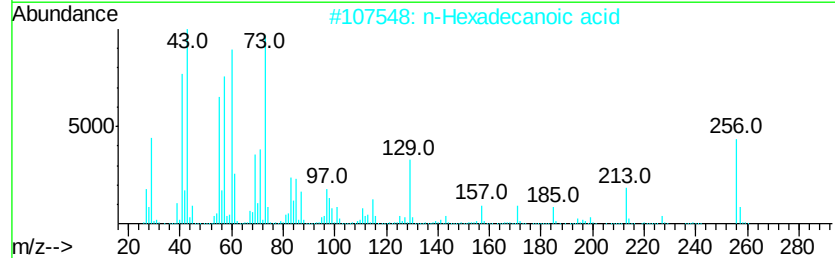
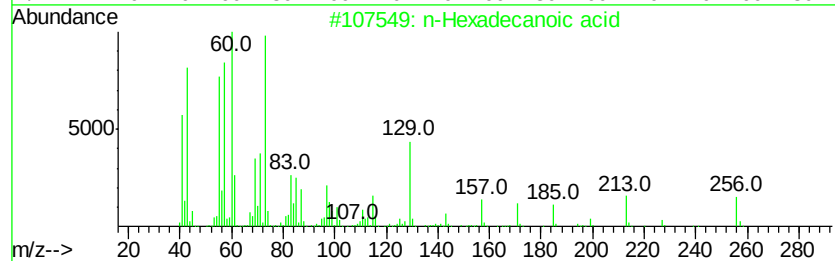
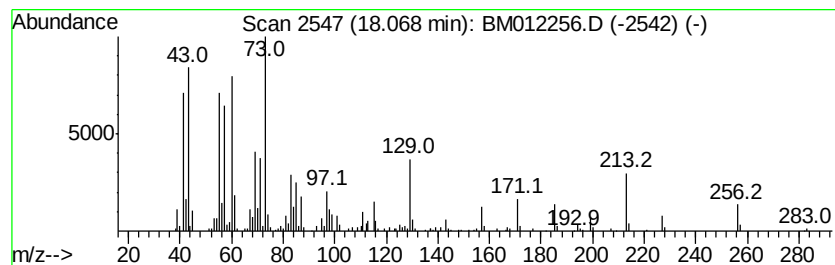
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.07	3.09 ng/ul	502935	Phenanthrene-d10		17.19	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	94
4	Tridecanoic acid		214	C13H26O2	000638-53-9	93
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	93



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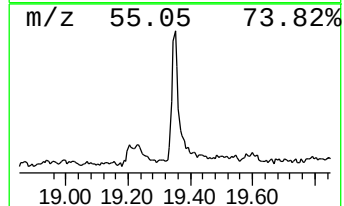
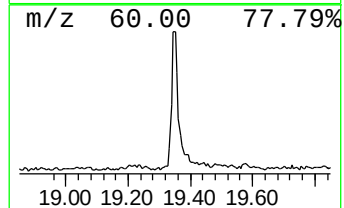
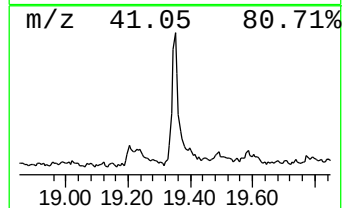
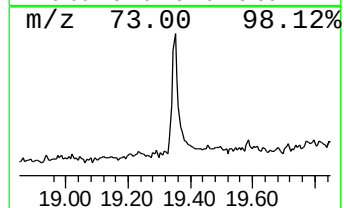
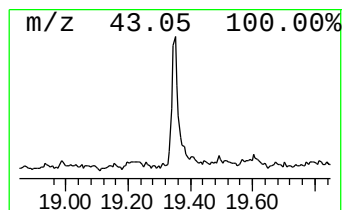
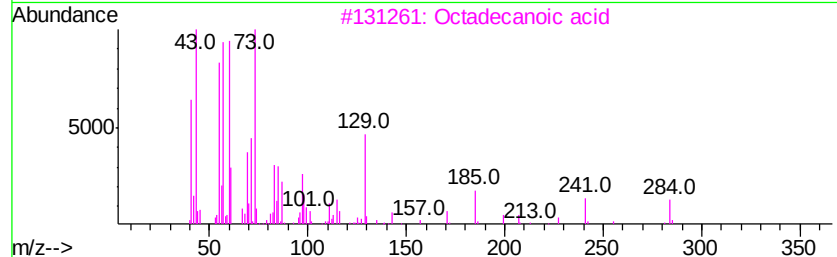
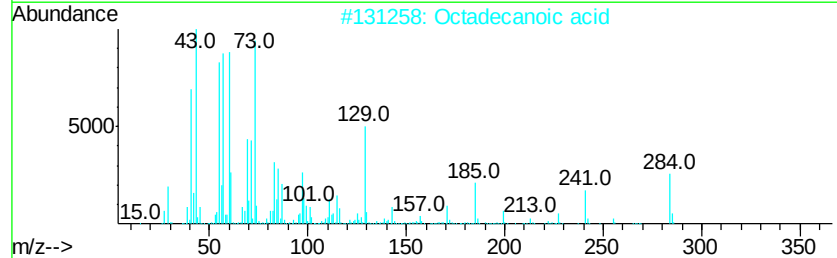
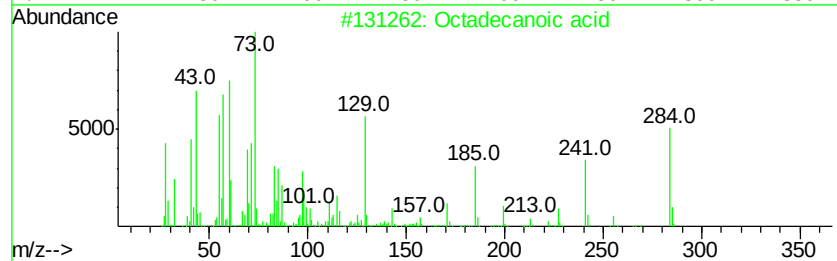
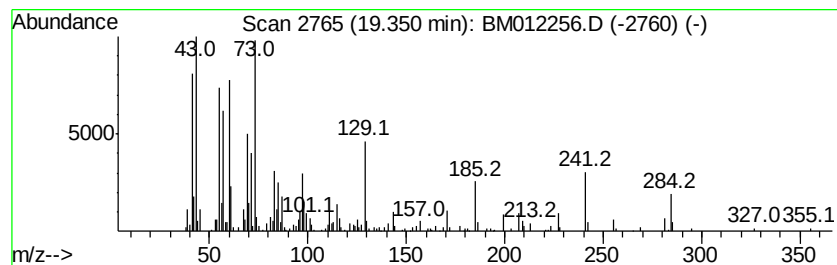
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.35	2.44 ng/ul	415710	Chrysene-d12		21.37	
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	99
3	Octadecanoic acid		284	C18H36O2	000057-11-4	99
4	Octadecanoic acid		284	C18H36O2	000057-11-4	98
5	Octadecanoic acid		284	C18H36O2	000057-11-4	97



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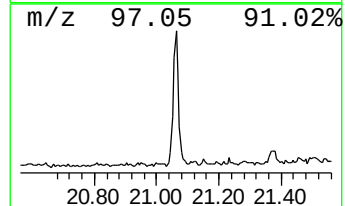
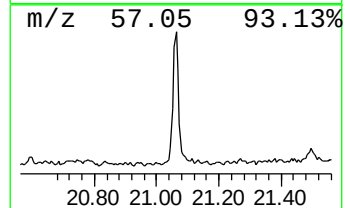
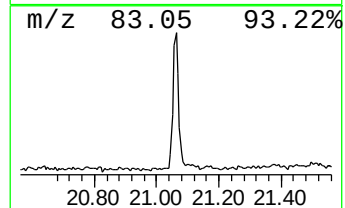
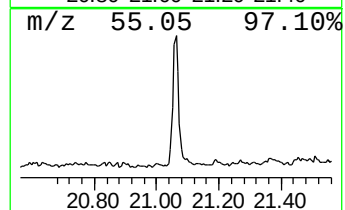
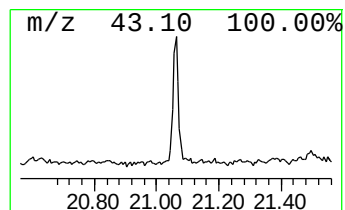
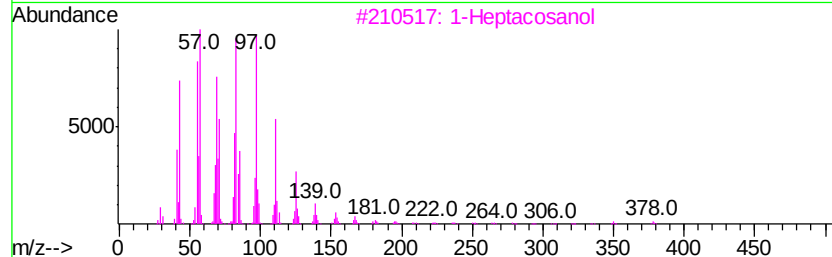
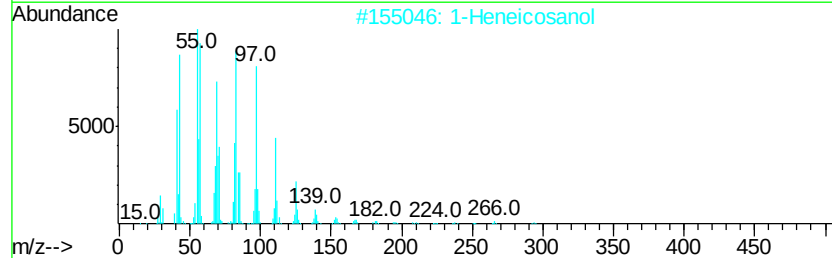
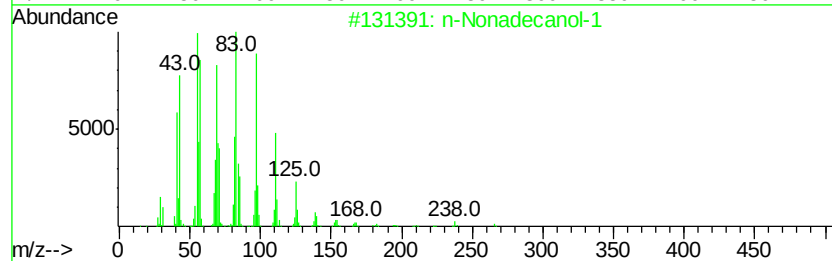
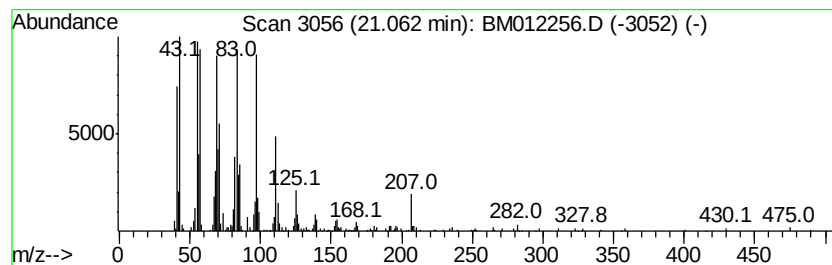
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Peak Number 3 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.31 ng/ul	392526	Chrysene-d12	21.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Nonadecanol-1	284 C19H40O	001454-84-8	94
2	1-Heneicosanol	312 C21H44O	015594-90-8	94
3	1-Heptacosanol	396 C27H56O	002004-39-9	94
4	Heptadecyl trifluoroacetate	352 C19H35F3O2	1000351-87-0	93
5	Pentafluoropropionic acid, hepta...	402 C20H35F5O2	959218-78-1	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.07	3.1	ng/ul	502935	4	17.19	3250340	20.0
Octadecanoic acid	19.35	2.4	ng/ul	415710	5	21.37	3402340	20.0
n-Nonadecanol-1	21.06	2.3	ng/ul	392526	5	21.37	3402340	20.0