

Data Path : V:\HPCHEM1\BNA M\DATA\BM070916\
 Data File : BM006379.D
 Acq On : 09 Jul 2016 15:27
 Operator : UM/SJ
 Sample : H3914-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TR2

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\SOM02.2-EPA-BM070216.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	6.810	713	718	726	rVB	179320	286188	6.04%	0.693%
2	6.969	737	745	757	rBV	520621	807926	17.05%	1.956%
3	7.163	771	778	790	rBV	596335	978109	20.64%	2.368%
4	7.628	849	857	869	rBV	536694	891501	18.82%	2.159%
5	8.339	972	978	994	rVB	471489	790954	16.69%	1.915%
6	8.786	1047	1054	1061	rBV	663680	1168077	24.65%	2.828%
7	8.851	1061	1065	1076	rVB	87011	137207	2.90%	0.332%
8	9.504	1167	1176	1189	rBV	592107	1068960	22.56%	2.588%
9	9.692	1200	1208	1212	rBV4	21358	47523	1.00%	0.115%
10	9.839	1226	1233	1242	rBV	27544	55296	1.17%	0.134%
11	10.039	1260	1267	1282	rBV	749545	1326497	28.00%	3.212%
12	10.410	1320	1330	1340	rBV	714192	1366055	28.83%	3.308%
13	11.239	1461	1471	1483	rBV	319038	697560	14.72%	1.689%
14	12.568	1688	1697	1713	rBV	317443	613566	12.95%	1.486%
15	13.692	1882	1888	1905	rBV	1489109	2272339	47.96%	5.502%
16	13.974	1929	1936	1947	rBV	1570643	2438132	51.46%	5.904%
17	14.127	1954	1962	1972	rBV3	19654	51986	1.10%	0.126%
18	14.280	1982	1988	2001	rVB2	921996	1524856	32.18%	3.692%
19	14.504	2020	2026	2041	rBV	194332	348277	7.35%	0.843%
20	15.280	2151	2158	2170	rBV	2177119	3251646	68.63%	7.873%
21	15.409	2174	2180	2194	rBV	909422	1328535	28.04%	3.217%
22	17.033	2450	2456	2466	rVV	1262464	1839944	38.83%	4.455%
23	17.133	2466	2473	2484	rVB2	2621689	3843711	81.12%	9.307%
24	19.439	2858	2865	2879	rVB	3066140	4458008	94.09%	10.795%
25	19.668	2901	2904	2909	rVB	50060	59106	1.25%	0.143%
26	21.150	3153	3156	3164	rBV2	34766	56386	1.19%	0.137%
27	21.233	3165	3170	3176	rVV	1759263	2320679	48.98%	5.619%
28	22.768	3428	3431	3435	rVB	47558	56172	1.19%	0.136%
29	23.303	3514	3522	3533	rVB2	2429156	4738026	100.00%	11.473%
30	23.438	3538	3545	3558	rVB	1191370	2339113	49.37%	5.664%
31	23.950	3628	3632	3639	rVB2	68120	136351	2.88%	0.330%

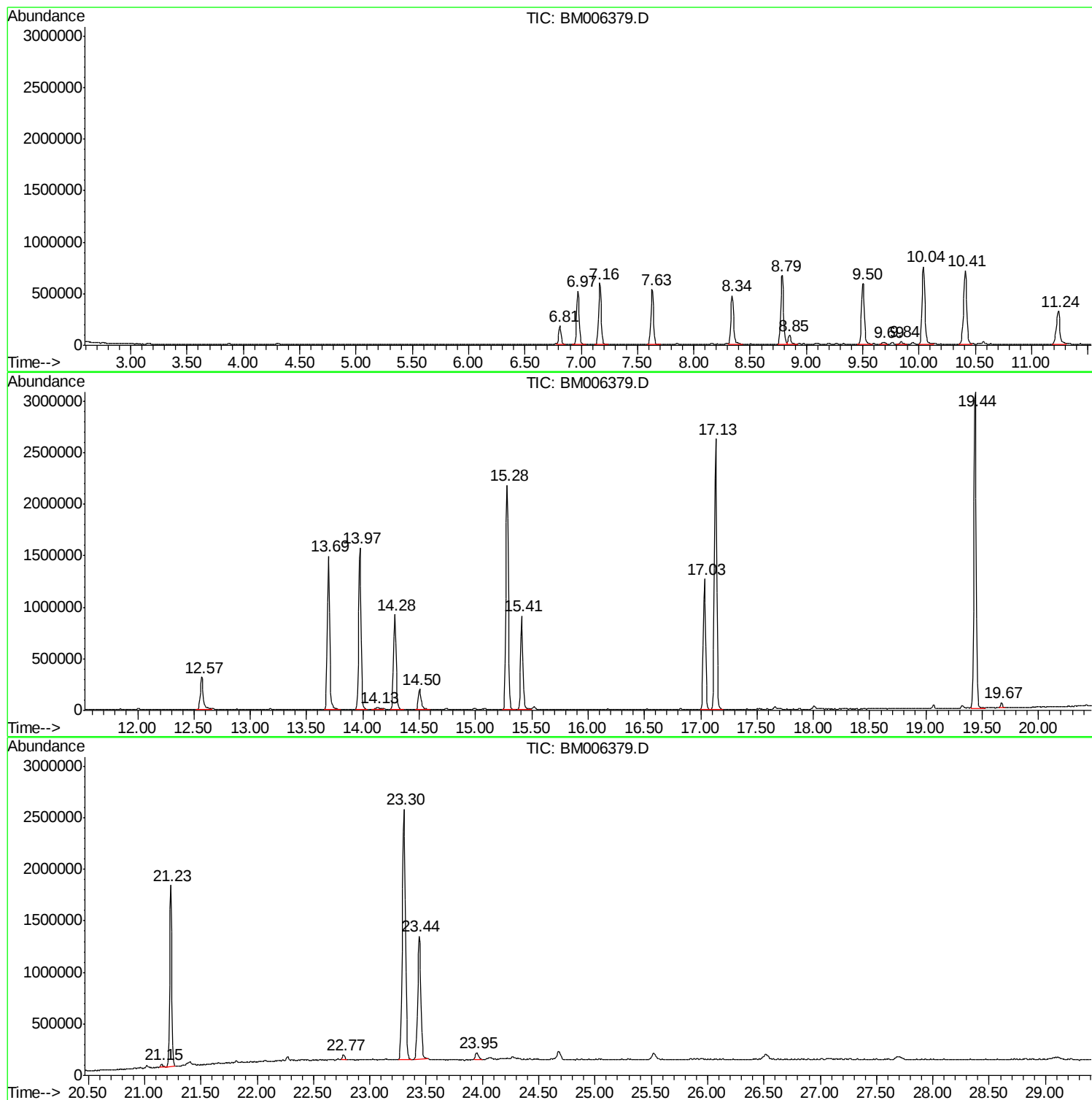
Sum of corrected areas: 41298686

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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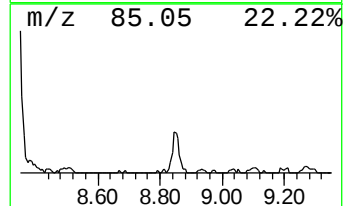
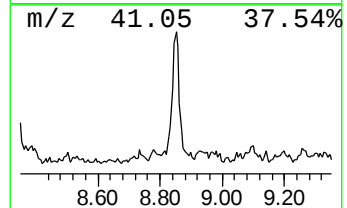
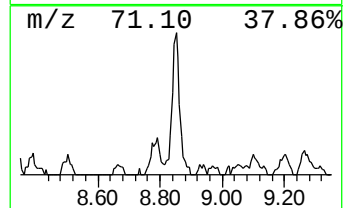
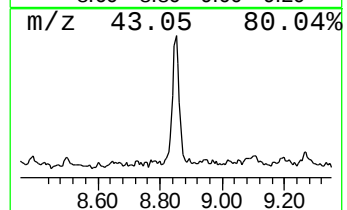
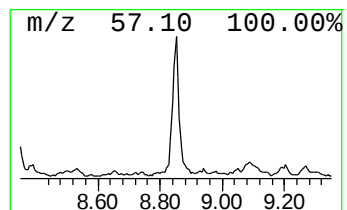
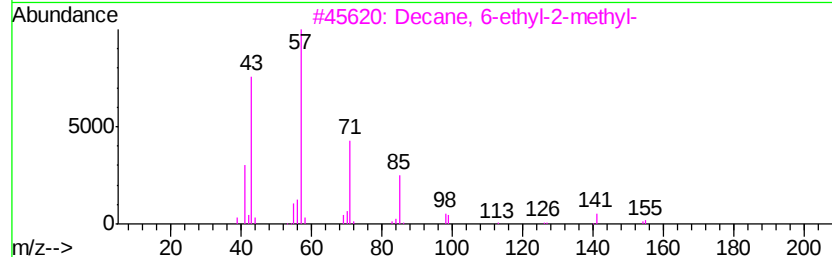
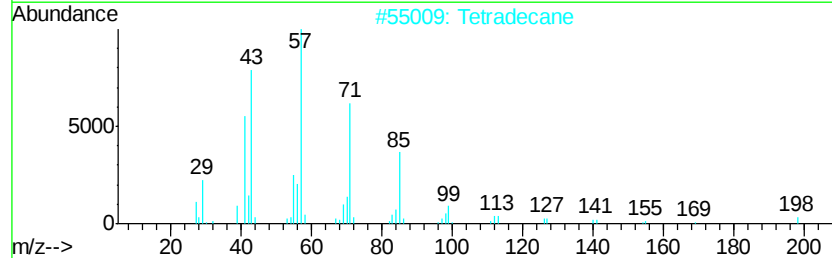
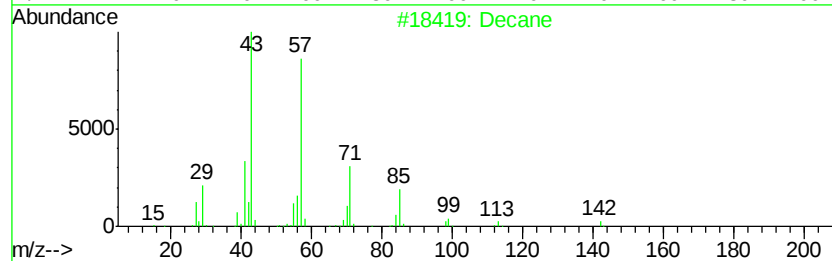
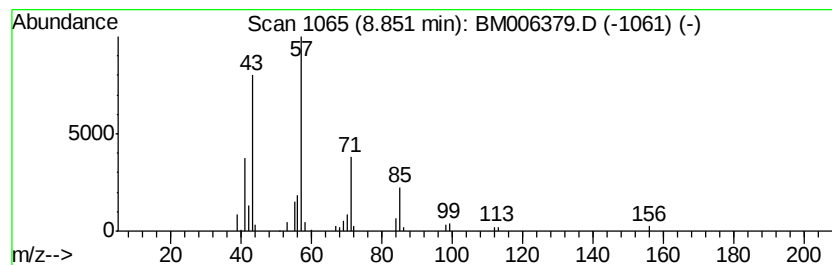
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	3.08 ng/ul	137207	1,4-Dichlorobenzene-d4	7.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	83
2	Tetradecane			198	C14H30	000629-59-4	78
3	Decane, 6-ethyl-2-methyl-			184	C13H28	062108-21-8	78
4	Decane			142	C10H22	000124-18-5	78
5	Undecane			156	C11H24	001120-21-4	74



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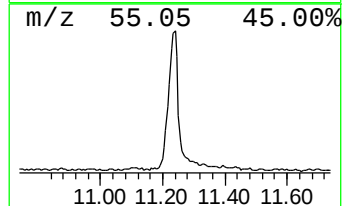
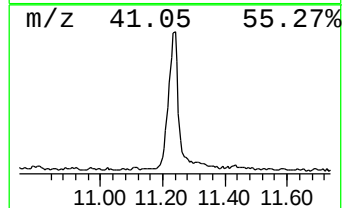
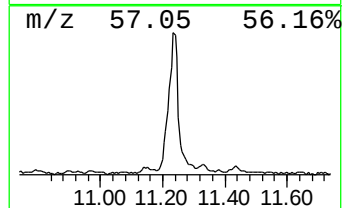
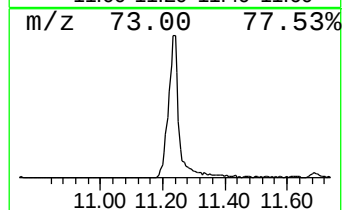
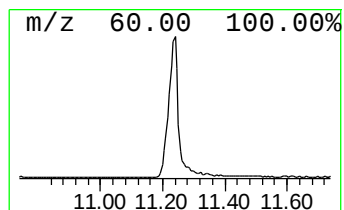
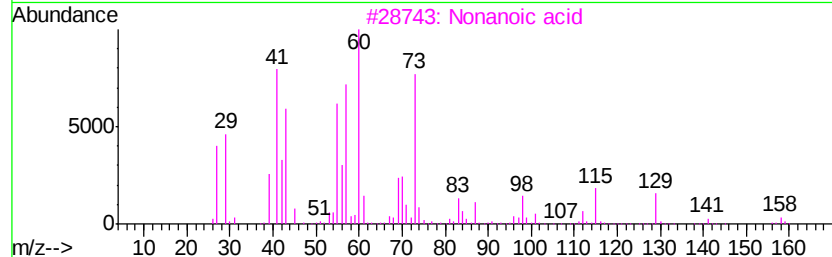
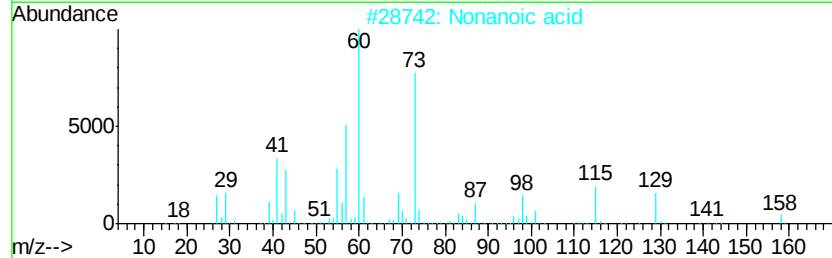
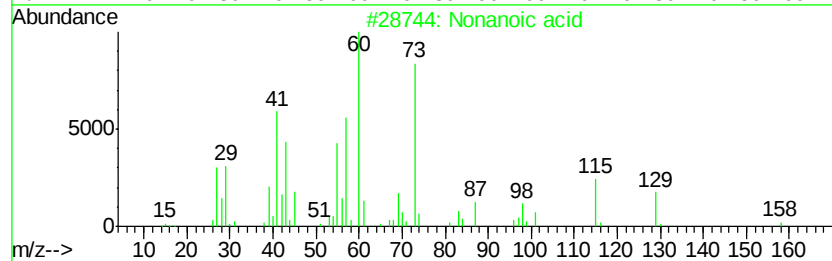
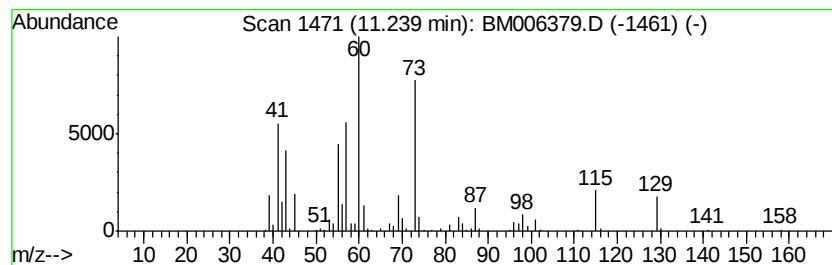
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Peak Number 2 Nonanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	10.21 ng/ul	697560	Naphthalene-d8	10.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanoic acid	158	C9H18O2	000112-05-0	91
2		Nonanoic acid	158	C9H18O2	000112-05-0	90
3		Nonanoic acid	158	C9H18O2	000112-05-0	56
4		Octanoic Acid	144	C8H16O2	000124-07-2	53
5		Hexanoic acid	116	C6H12O2	000142-62-1	52



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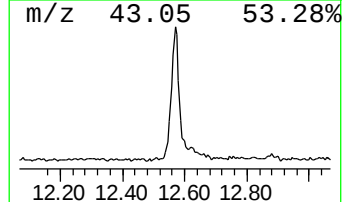
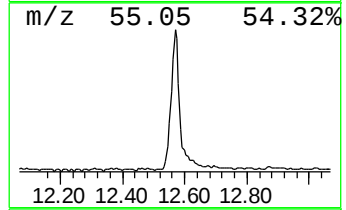
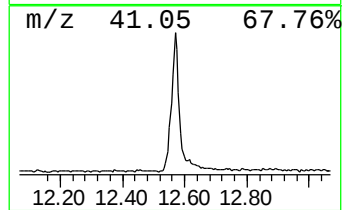
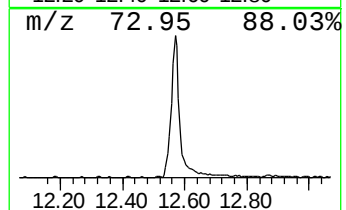
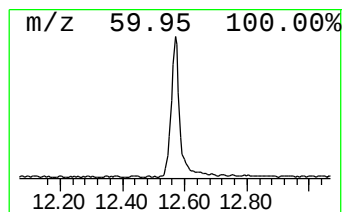
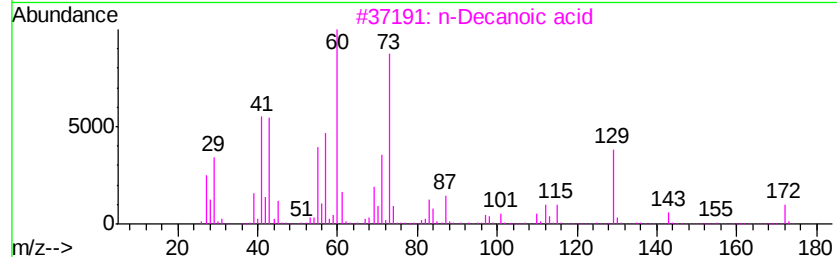
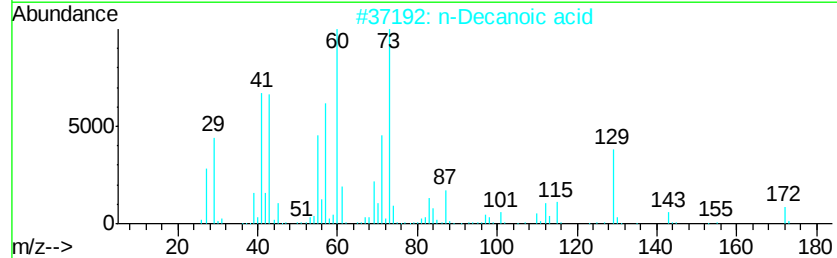
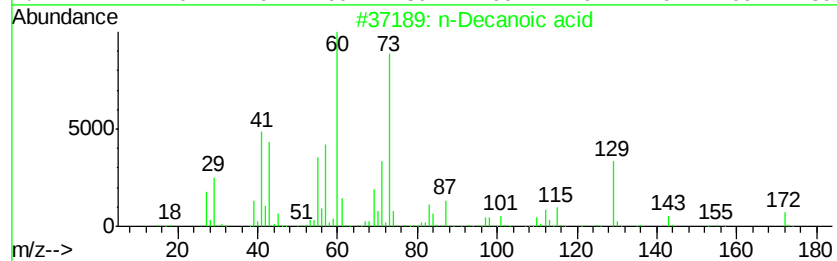
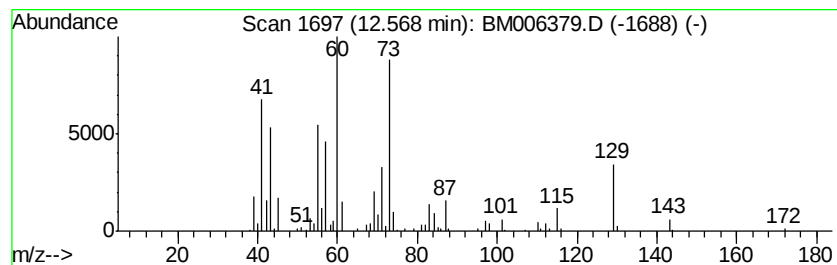
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Peak Number 3 n-Decanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	8.05 ng/ul	613566	Acenaphthene-d10	14.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Decanoic acid	172 C10H20O2	000334-48-5	90
2	n-Decanoic acid	172 C10H20O2	000334-48-5	86
3	n-Decanoic acid	172 C10H20O2	000334-48-5	86
4	n-Decanoic acid	172 C10H20O2	000334-48-5	78
5	Nonanoic acid	158 C9H18O2	000112-05-0	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	8.85	3.1	ng/ul	137207	1	7.63	891501	20.0
Nonanoic acid	11.24	10.2	ng/ul	697560	2	10.41	1366060	20.0
n-Decanoic acid	12.57	8.1	ng/ul	613566	3	14.28	1524860	20.0