

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
 Data File : BM009680.D
 Acq On : 19 Apr 2017 21:50
 Operator : SJ/MA
 Sample : I2691-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YAB66

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-BM041717.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	3.316	35	39	45	rVB	35983	51083	1.64%	0.121%
2	4.040	158	162	171	rVB6	16790	33415	1.07%	0.079%
3	4.963	314	319	325	rBV2	38373	59114	1.90%	0.140%
4	6.993	657	664	677	rBV	681658	1191819	38.22%	2.832%
5	7.169	687	694	702	rBV	491595	782825	25.10%	1.860%
6	7.363	719	727	736	rBV	667839	1075336	34.48%	2.555%
7	7.834	800	807	814	rBV	693388	1100181	35.28%	2.614%
8	8.534	919	926	938	rBV	722197	1170536	37.54%	2.782%
9	8.998	998	1005	1014	rBV	629284	1029267	33.01%	2.446%
10	9.716	1119	1127	1136	rBV	500992	840097	26.94%	1.996%
11	10.245	1211	1217	1227	rBV	711474	1189783	38.15%	2.827%
12	10.628	1275	1282	1289	rBV	844816	1400148	44.90%	3.327%
13	10.775	1298	1307	1316	rBV	580910	1022172	32.78%	2.429%
14	12.151	1537	1541	1547	rVB4	22374	42218	1.35%	0.100%
15	13.886	1824	1836	1840	rBV	1089632	1520813	48.77%	3.614%
16	13.933	1840	1844	1851	rVB	614412	832438	26.69%	1.978%
17	14.169	1878	1884	1898	rBV	1237792	1861281	59.69%	4.423%
18	14.480	1930	1937	1944	rVB2	1107444	1707152	54.74%	4.057%
19	14.680	1966	1971	1980	rBV	505718	790391	25.35%	1.878%
20	15.304	2072	2077	2082	rBV3	54810	68983	2.21%	0.164%
21	15.474	2099	2106	2114	rVB	1574513	2283570	73.23%	5.426%
22	15.604	2122	2128	2136	rBV	367376	532728	17.08%	1.266%
23	15.710	2140	2146	2151	rVB4	39342	72022	2.31%	0.171%
24	16.168	2219	2224	2238	rBV3	66360	165448	5.31%	0.393%
25	16.957	2355	2358	2362	rVB3	42554	52186	1.67%	0.124%
26	17.010	2362	2367	2372	rBV5	39334	62206	1.99%	0.148%
27	17.227	2398	2404	2410	rBV	1415191	2013998	64.58%	4.786%
28	17.327	2415	2421	2428	rBV2	1655527	2387226	76.55%	5.673%
29	17.492	2445	2449	2457	rVB9	25288	46925	1.50%	0.112%
30	18.098	2547	2552	2558	rBV2	156950	229482	7.36%	0.545%
31	19.286	2751	2754	2757	rVB2	68888	80623	2.59%	0.192%
32	19.380	2766	2770	2774	rBV6	86234	144149	4.62%	0.343%
33	19.545	2794	2798	2804	rVB	255286	297632	9.54%	0.707%
34	19.621	2804	2811	2822	rBV	2235857	3118375	100.00%	7.410%

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Instrument :
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Integration Parameters: LSCINT.P

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35	20.527	2960	2965	2971	rBV	1531548	2918850	93.60%	6.936%
36	20.574	2971	2973	2980	rVV	712081	1003205	32.17%	2.384%
37	20.633	2980	2983	2990	rVB	249548	310298	9.95%	0.737%
38	21.098	3058	3062	3066	rBV3	190186	268415	8.61%	0.638%
39	21.409	3110	3115	3119	rBV	2167253	2604360	83.52%	6.189%
40	21.492	3125	3129	3132	rBV2	244842	367871	11.80%	0.874%
41	23.580	3478	3484	3491	rVB2	1463857	2875417	92.21%	6.833%
42	23.727	3504	3509	3516	rVB	1297662	2478494	79.48%	5.890%

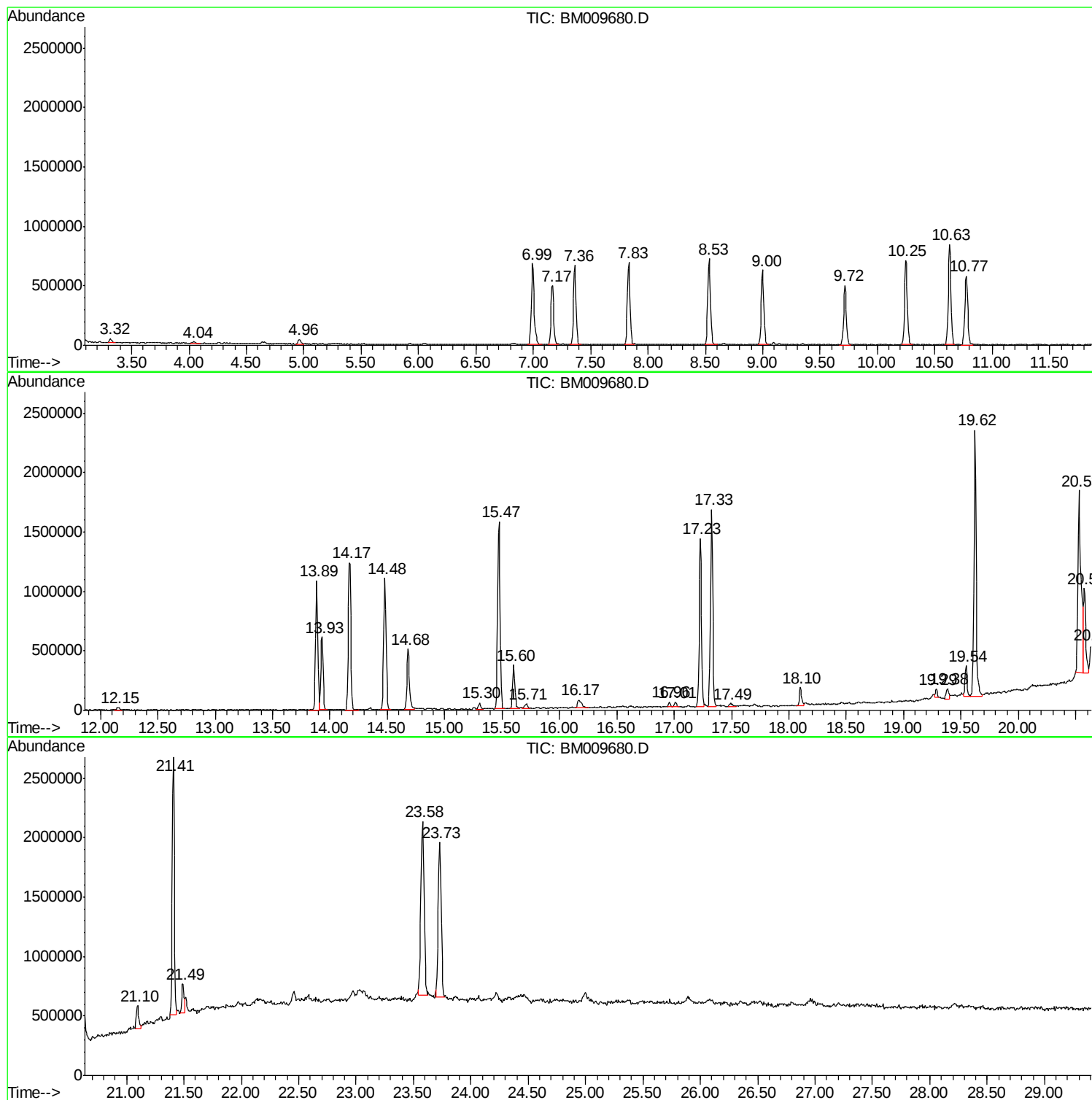
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Quant Title : SVOA CALIBRATION

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



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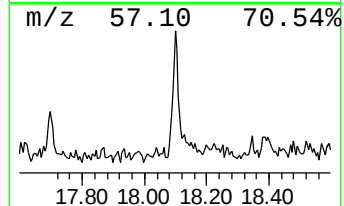
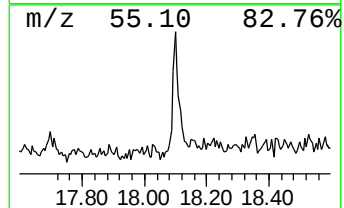
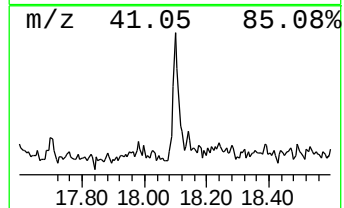
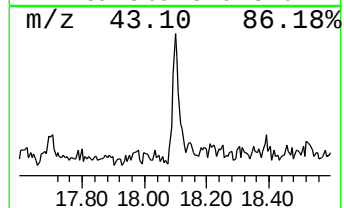
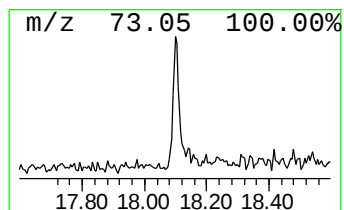
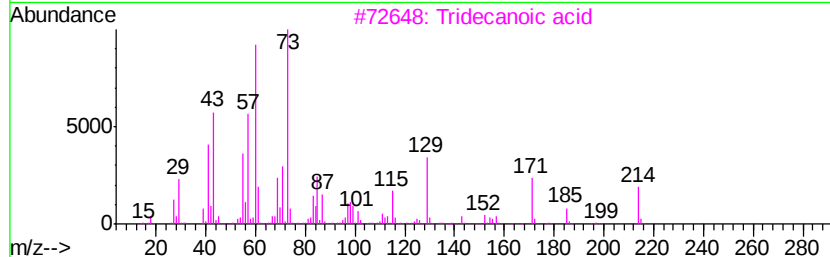
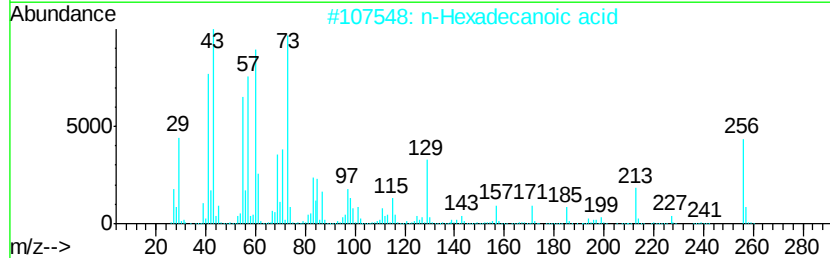
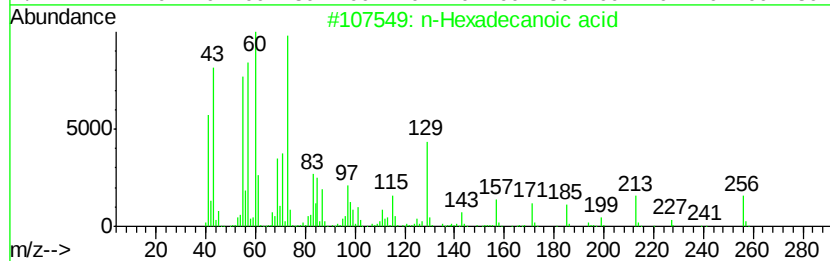
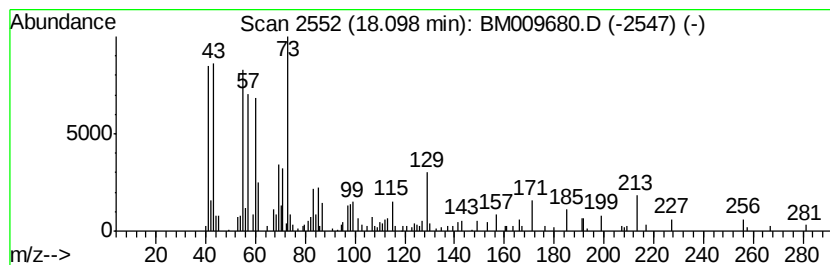
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.10	2.28 ng/ul	229482	Phenanthrene-d10		17.23
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	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53



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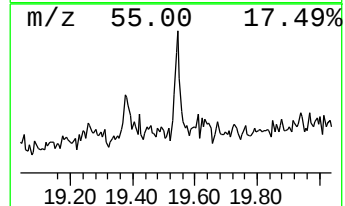
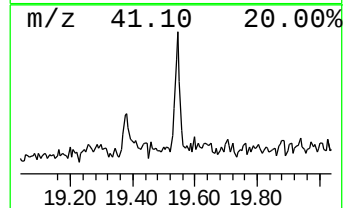
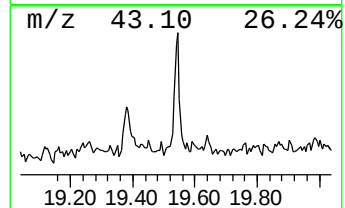
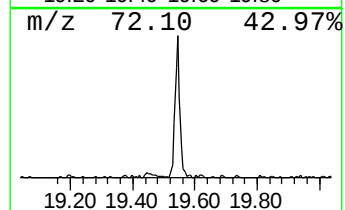
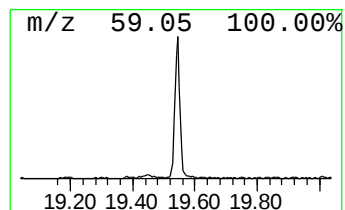
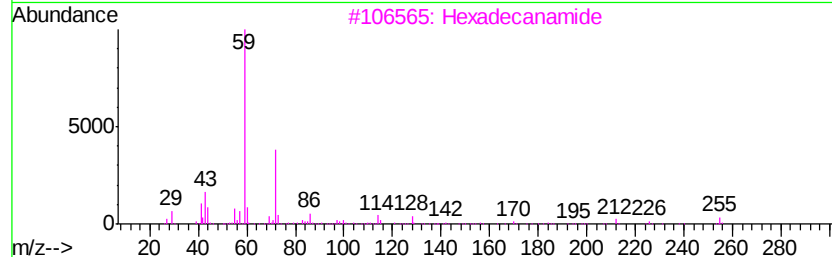
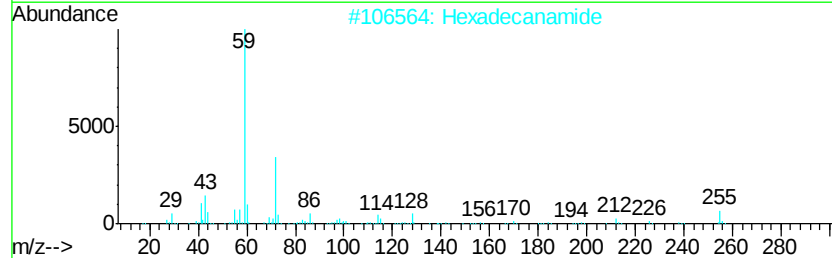
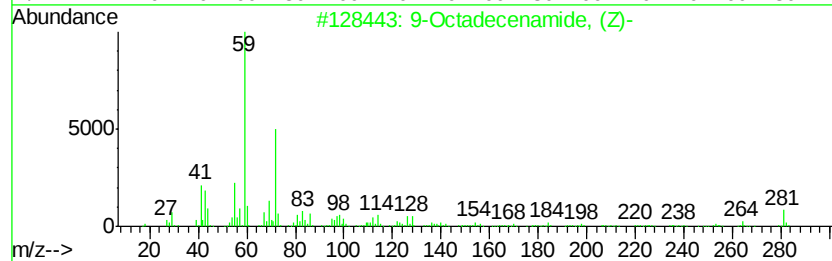
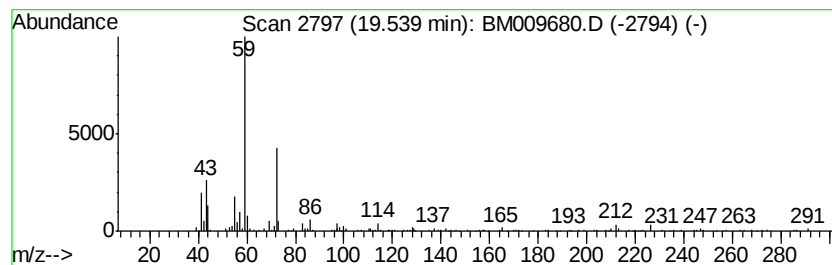
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.54	2.29 ng/ul	297632	Chrysene-d12		21.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-			281	C18H35NO	000301-02-0	91
2	Hexadecanamide			255	C16H33NO	000629-54-9	90
3	Hexadecanamide			255	C16H33NO	000629-54-9	87
4	Tetradecanamide			227	C14H29NO	000638-58-4	74
5	Nonanamide			157	C9H19NO	001120-07-6	72



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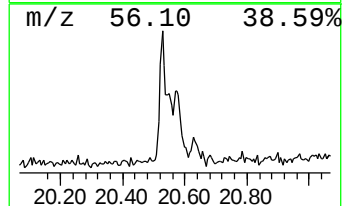
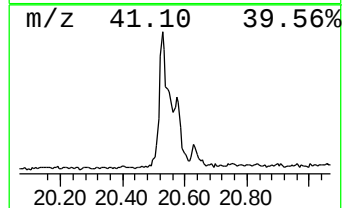
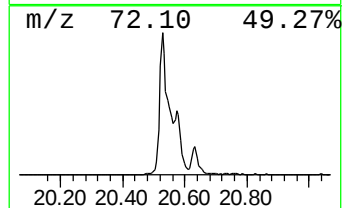
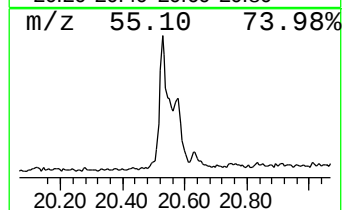
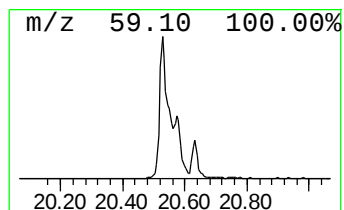
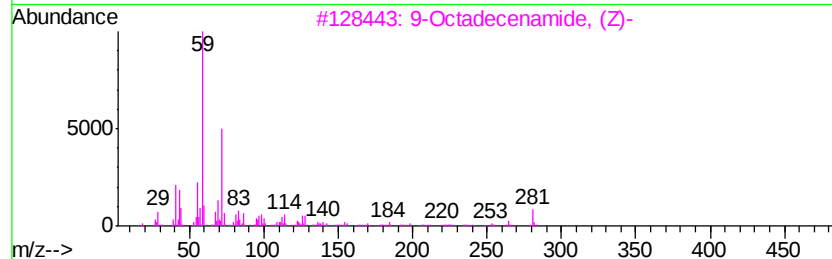
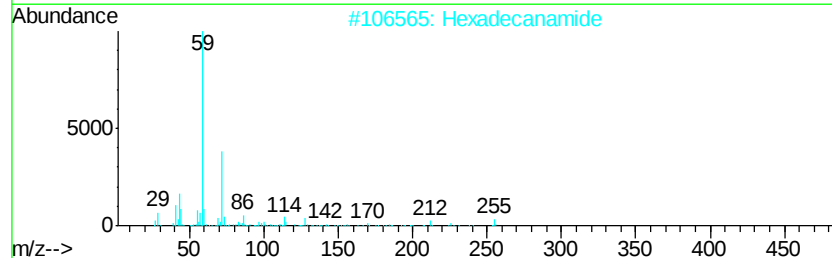
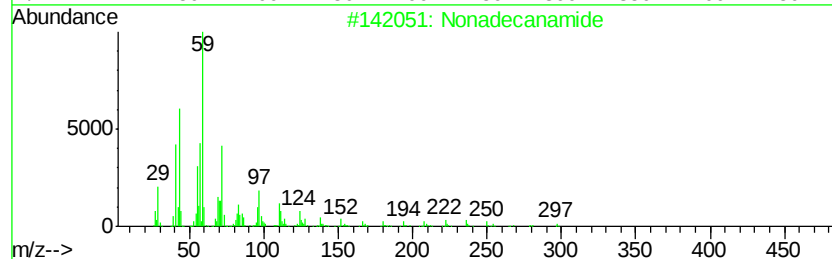
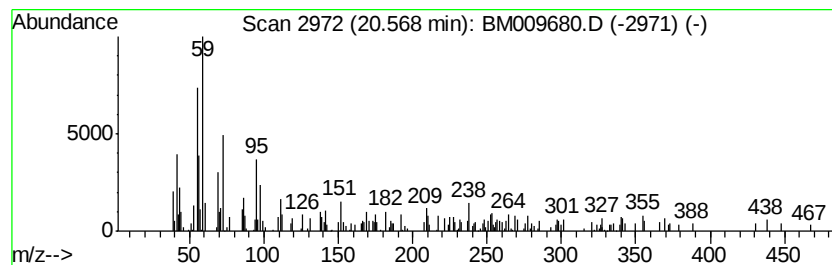
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Nonadecanamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	7.70 ng/ul	1003210	Chrysene-d12	21.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecanamide		297	C19H39NO	058185-32-3	58
2	Hexadecanamide		255	C16H33NO	000629-54-9	53
3	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	47
4	Tetradecanamide		227	C14H29NO	000638-58-4	46
5	2-Hexanol, 2,5-dimethyl-, (S)-		130	C8H18O	003730-60-7	43



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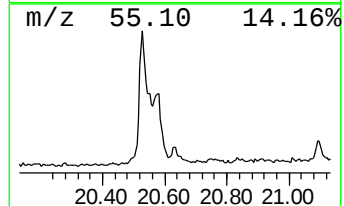
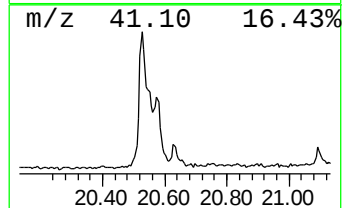
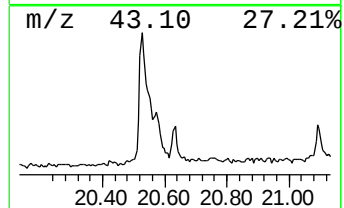
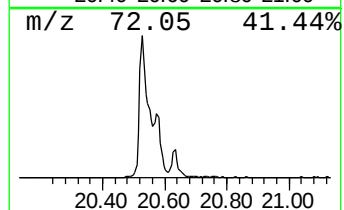
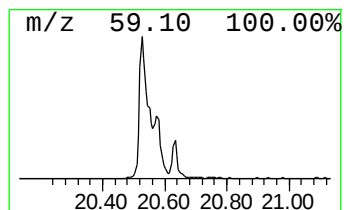
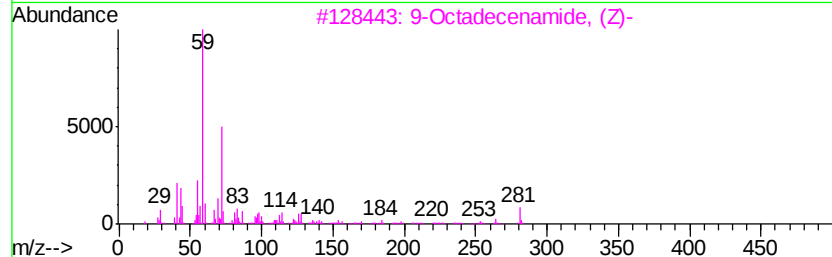
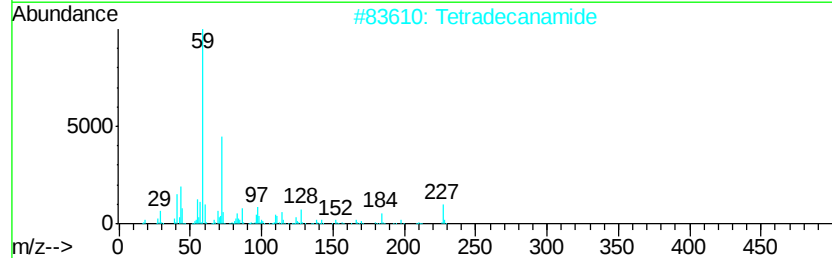
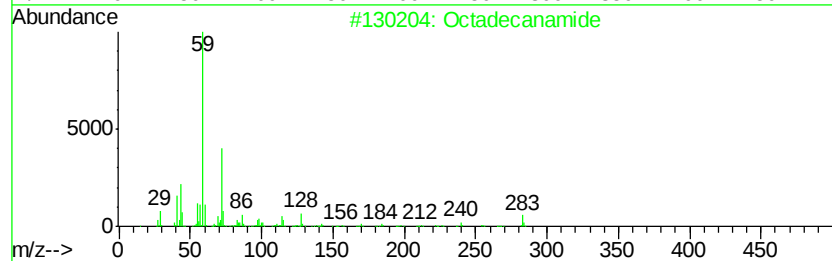
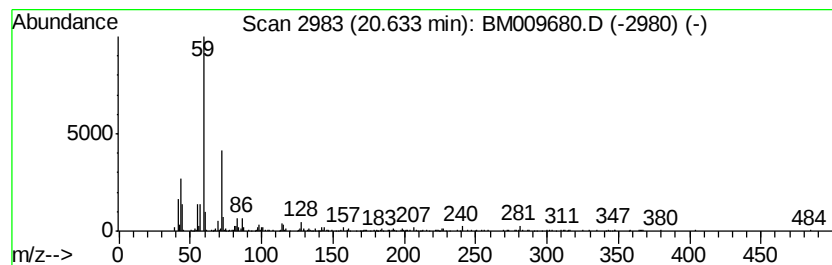
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Peak Number 5 Octadecanamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	2.38 ng/ul	310298	Chrysene-d12	21.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanamide		283	C18H37NO	000124-26-5	90
2	Tetradecanamide		227	C14H29NO	000638-58-4	90
3	9-Octadecenamide, (Z)-		281	C18H35NO	000301-02-0	87
4	Hexadecanamide		255	C16H33NO	000629-54-9	86
5	Hexadecanamide		255	C16H33NO	000629-54-9	86



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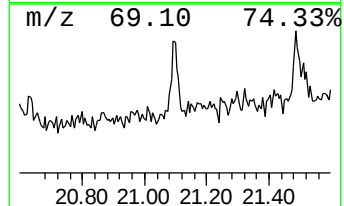
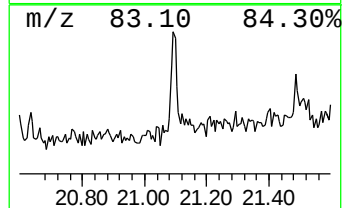
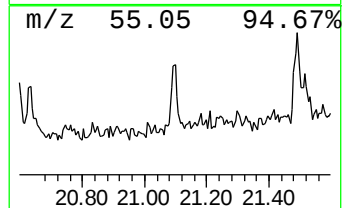
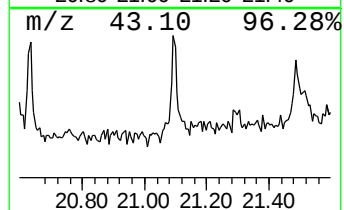
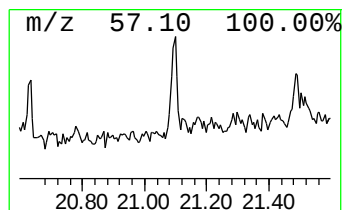
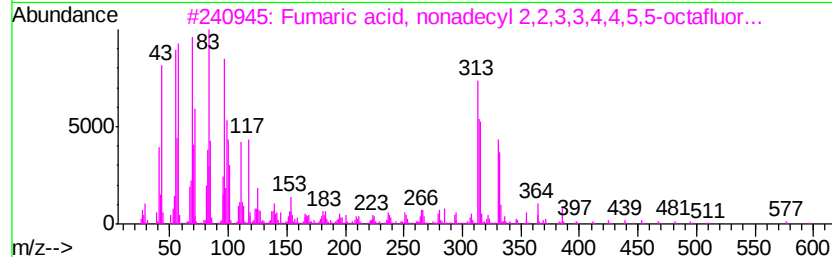
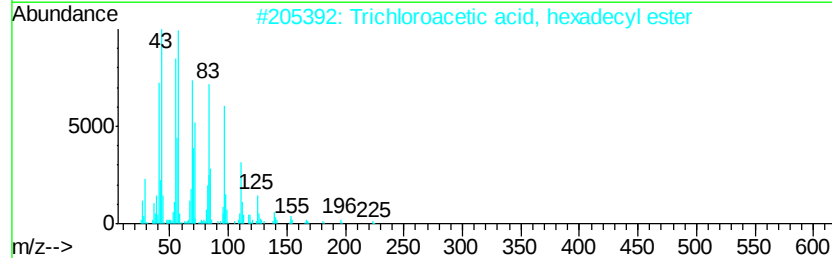
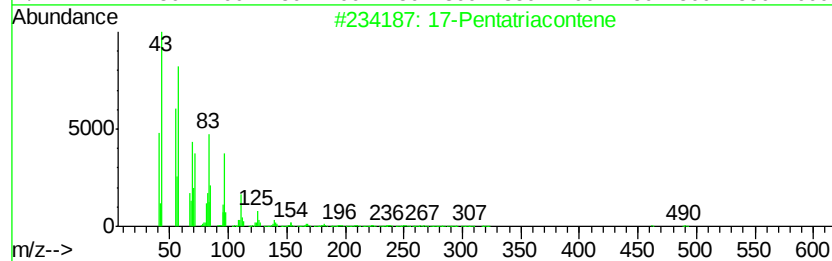
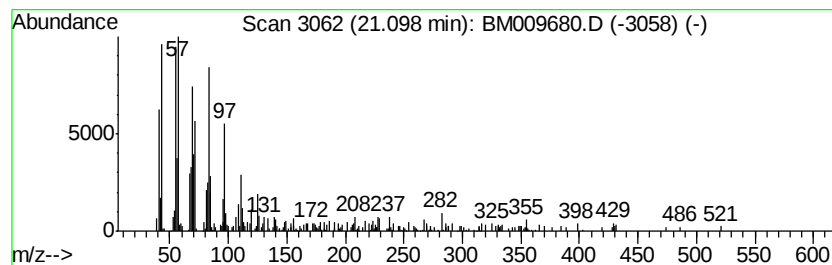
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Peak Number 6 (DEL) Alkane: Cyclic21.10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.06 ng/ul	268415	Chrysene-d12	21.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0 90
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1 87
3	Fumaric acid, nonadecyl 2,2,3,3,...	596	C28H44F8O4	1000348-79-5 87
4	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8 83
5	Trichloroacetic acid, dodecyl ester	330	C14H25Cl3O2	074339-50-7 74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041917\
Data File : BM009680.D
Acq On : 19 Apr 2017 21:50
Operator : SJ/MA
Sample : I2691-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAB66

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041717.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.10	2.3	ng/ul	229482	4	17.23	2014000	20.0
9-Octadecenamide,...	19.54	2.3	ng/ul	297632	5	21.41	2604360	20.0
Nonadecanamide	20.57	7.7	ng/ul	1003210	5	21.41	2604360	20.0
Octadecanamide	20.63	2.4	ng/ul	310298	5	21.41	2604360	20.0
(DEL) Alkane: Cyc...	21.10	2.1	ng/ul	268415	5	21.41	2604360	20.0