

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM013118\
 Data File : BM014065.D
 Acq On : 01 Feb 2018 10:02
 Operator : SJ/JU
 Sample : J1316-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C89

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	3.122	20	23	31	rVB3	31134	41065	1.25%	0.103%
2	6.745	633	639	654	rBV2	549605	1094238	33.35%	2.746%
3	6.904	661	666	680	rBV	424914	681179	20.76%	1.709%
4	7.093	691	698	707	rBV	627069	1022388	31.16%	2.566%
5	7.557	768	777	788	rBV2	520231	887691	27.05%	2.228%
6	8.275	892	899	917	rBV	721927	1282268	39.08%	3.218%
7	8.716	967	974	984	rBV	632857	1090776	33.24%	2.737%
8	9.110	1035	1041	1045	rBV4	19330	33526	1.02%	0.084%
9	9.434	1088	1096	1111	rBV	533092	996362	30.37%	2.500%
10	9.969	1179	1187	1202	rBV	710184	1387466	42.29%	3.482%
11	10.328	1242	1248	1259	rVB	738725	1208920	36.84%	3.034%
12	10.486	1267	1275	1291	rBV	588767	1257172	38.31%	3.155%
13	11.675	1469	1477	1486	rBV5	23364	63901	1.95%	0.160%
14	13.633	1803	1810	1814	rBV	1461210	2016146	61.45%	5.059%
15	13.680	1814	1818	1826	rVB	788746	1143583	34.85%	2.870%
16	13.904	1849	1856	1868	rBV	1608260	2403595	73.25%	6.032%
17	14.121	1888	1893	1898	rBV5	28342	42970	1.31%	0.108%
18	14.216	1901	1909	1918	rBV2	1051316	1615970	49.25%	4.055%
19	14.457	1940	1950	1963	rBV	284361	695230	21.19%	1.745%
20	15.080	2051	2056	2059	rVB3	25873	36733	1.12%	0.092%
21	15.216	2069	2079	2088	rBV	2043298	2848700	86.82%	7.149%
22	15.363	2098	2104	2117	rBV	440906	762267	23.23%	1.913%
23	15.586	2137	2142	2147	rBV	157373	228468	6.96%	0.573%
24	16.968	2372	2377	2388	rBV	1347861	1873282	57.09%	4.701%
25	17.068	2388	2394	2413	rBV2	2044188	3009590	91.72%	7.553%
26	17.880	2526	2532	2549	rBV2	278051	526705	16.05%	1.322%
27	19.021	2721	2726	2729	rBV4	78018	123875	3.78%	0.311%
28	19.168	2747	2751	2763	rBV3	135387	242264	7.38%	0.608%
29	19.374	2780	2786	2793	rBV2	2332297	3281203	100.00%	8.234%
30	19.433	2793	2796	2803	rVB5	59211	76677	2.34%	0.192%
31	20.892	3039	3044	3055	rBV	332671	571171	17.41%	1.433%
32	21.174	3087	3092	3104	rBV	1542426	2135007	65.07%	5.358%
33	23.221	3433	3440	3449	rBV2	1713193	3219161	98.11%	8.078%
34	23.356	3456	3463	3474	rVB	955141	1949213	59.41%	4.892%

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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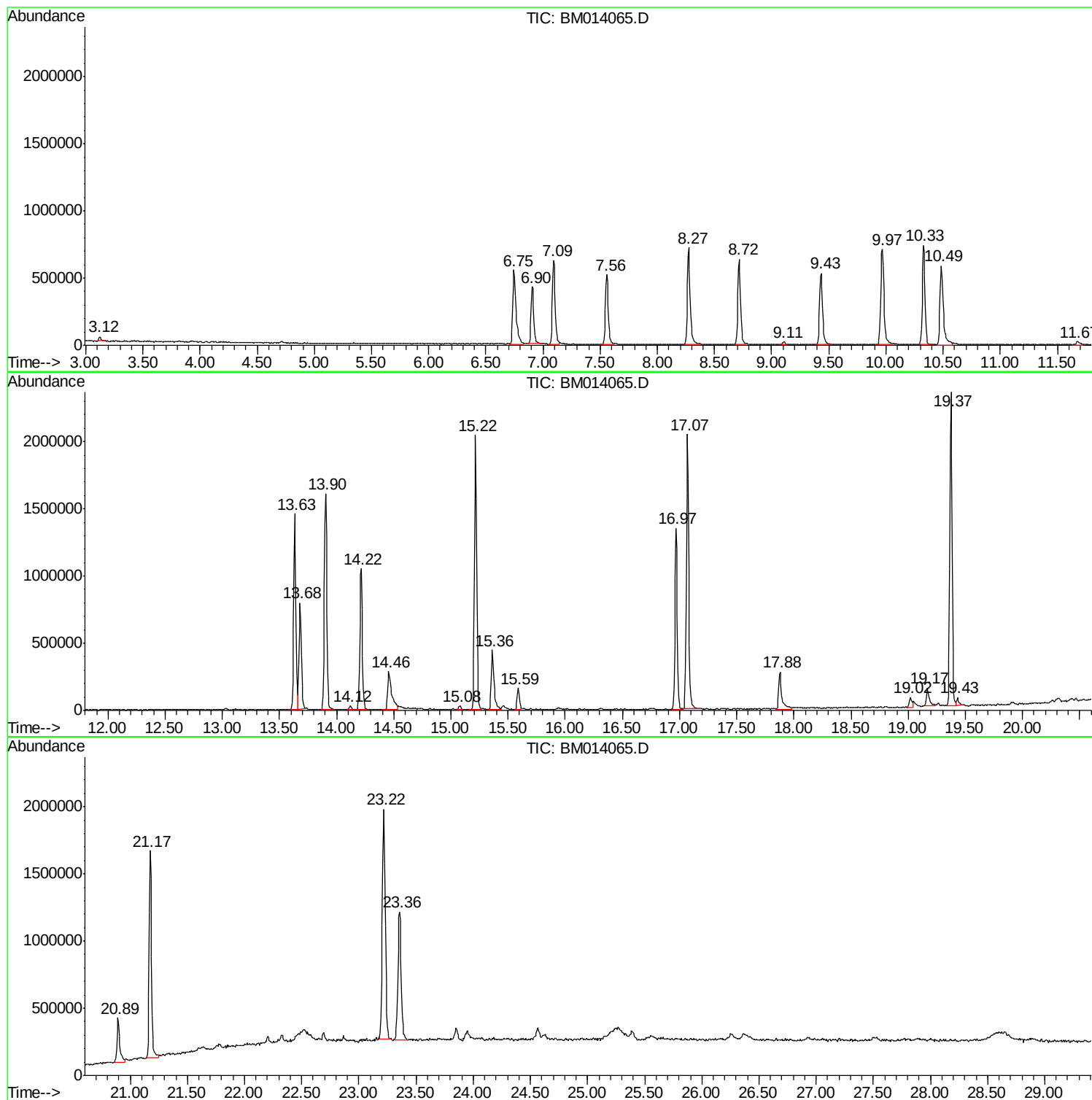
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



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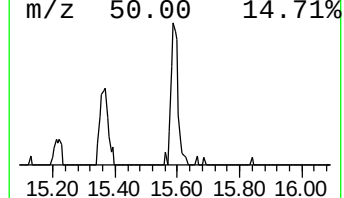
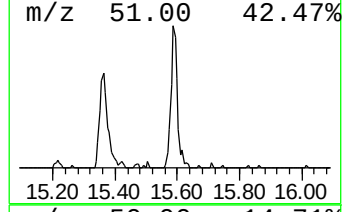
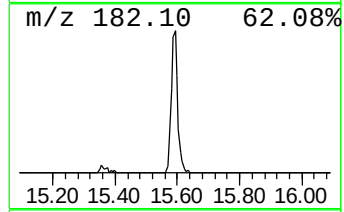
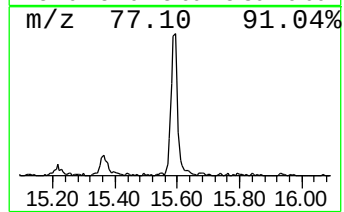
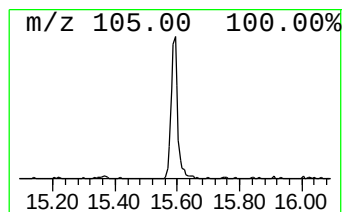
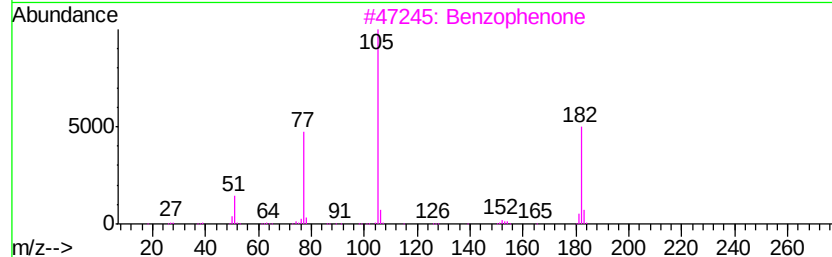
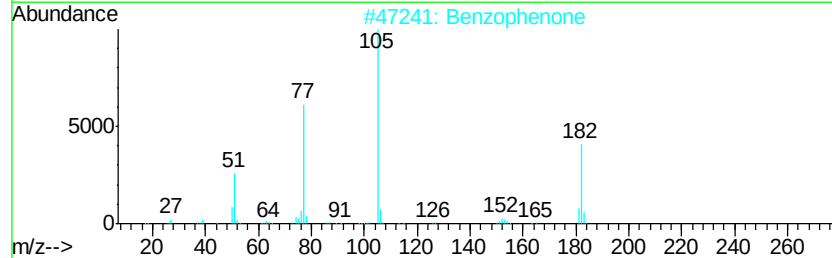
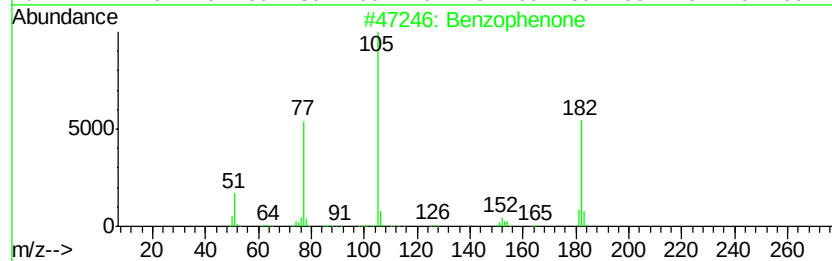
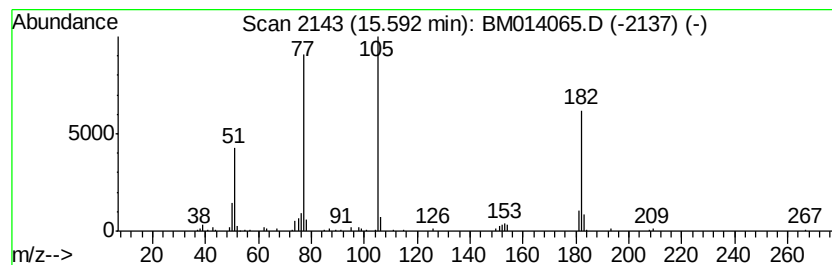
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	2.83 ng/ul	228468	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	95
2		Benzophenone	182	C13H10O	000119-61-9	95
3		Benzophenone	182	C13H10O	000119-61-9	91
4		Benzophenone	182	C13H10O	000119-61-9	91
5		Benzophenone	182	C13H10O	000119-61-9	91



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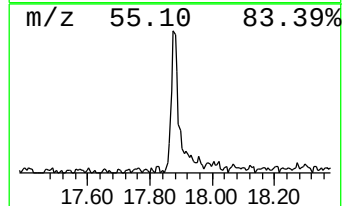
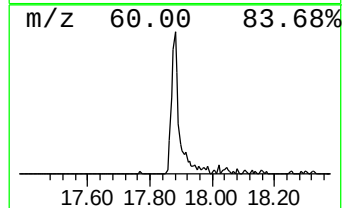
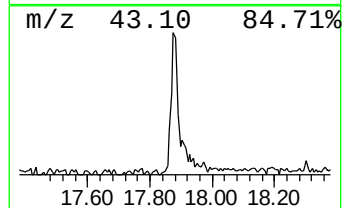
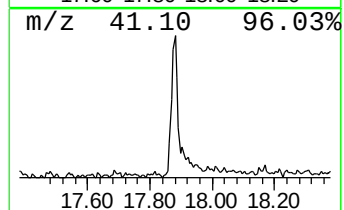
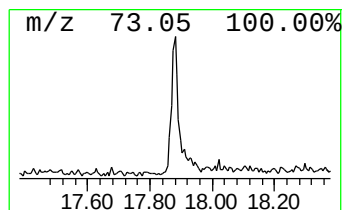
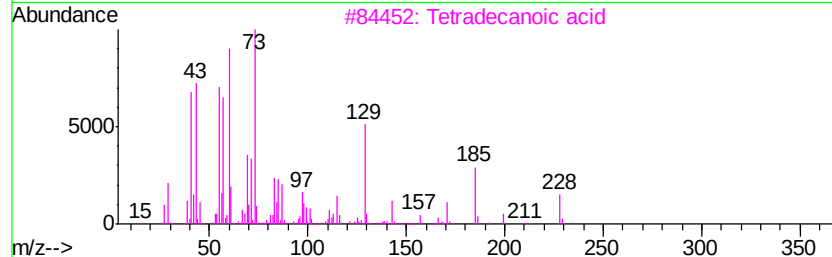
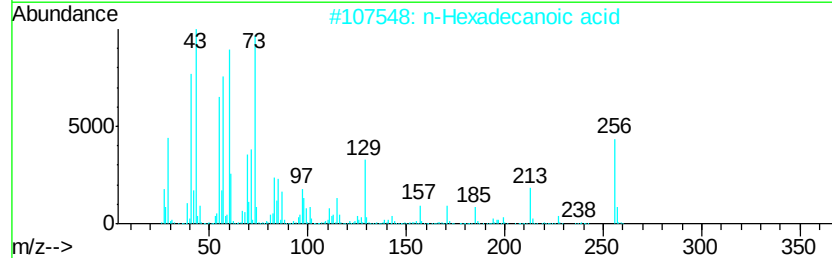
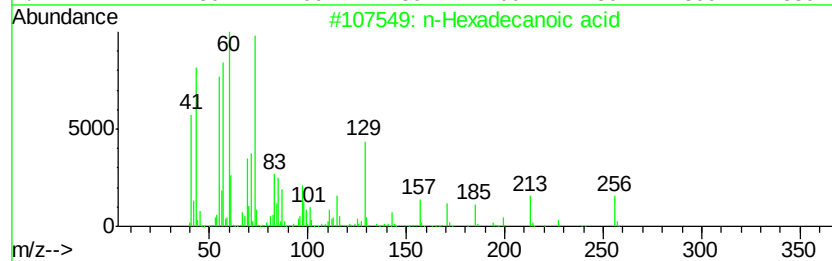
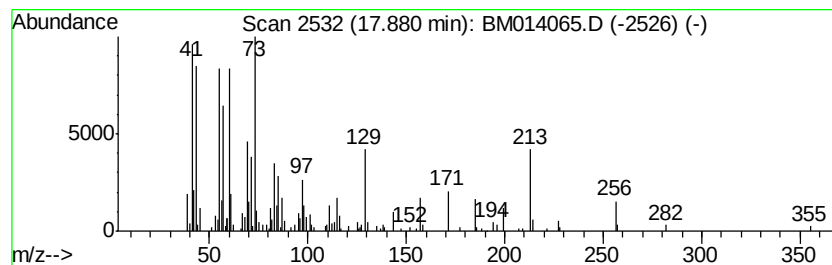
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	5.62 ng/ul	526705	Phenanthrene-d10	16.97

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	95	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70	



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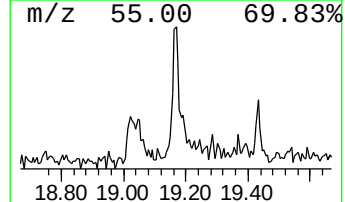
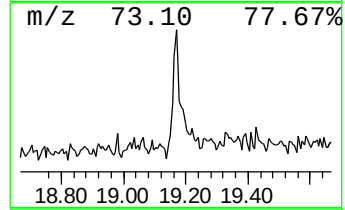
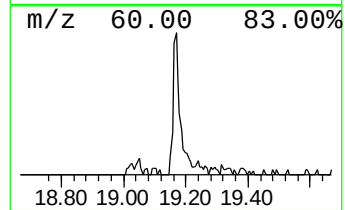
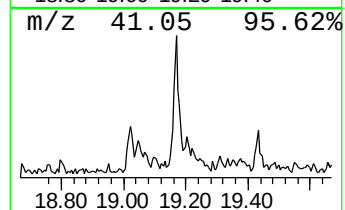
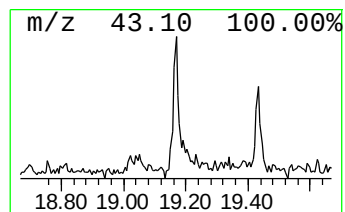
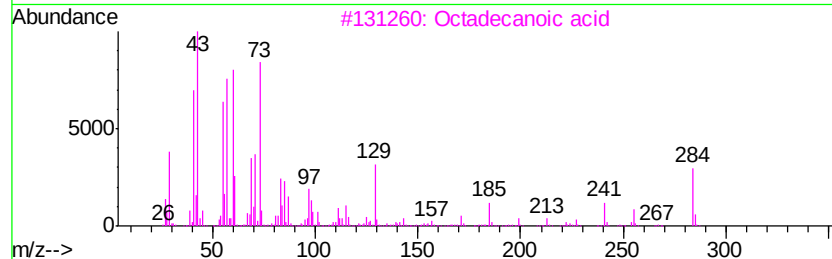
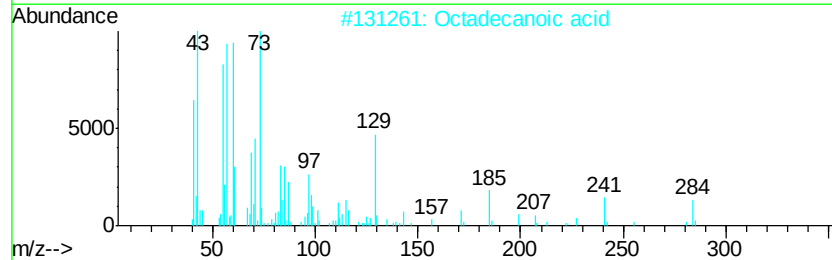
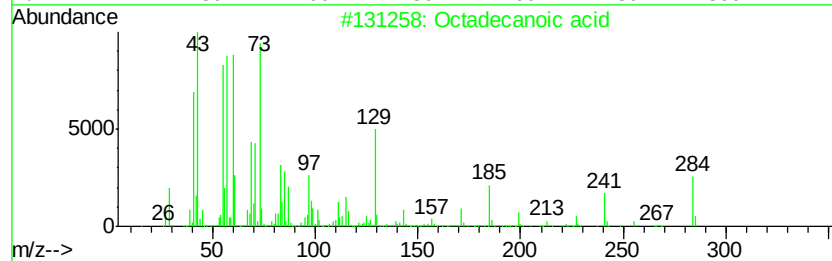
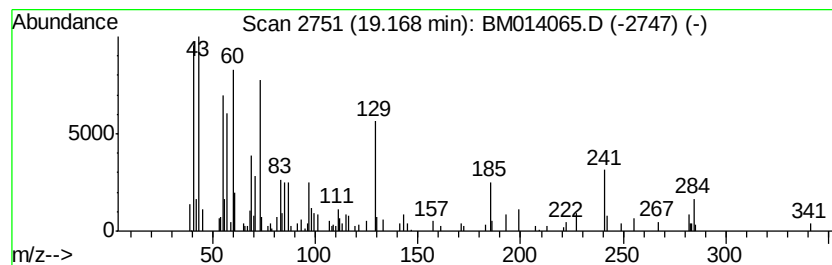
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.27 ng/ul	242264	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	95
4		Octadecanoic acid	284	C18H36O2	000057-11-4	94
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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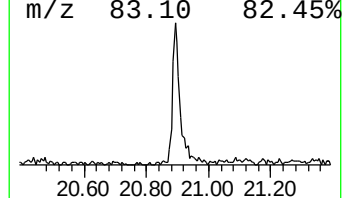
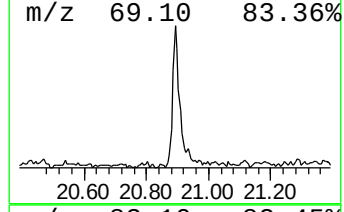
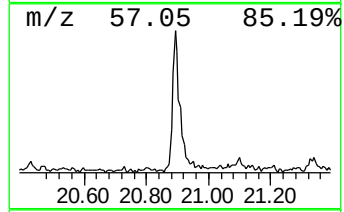
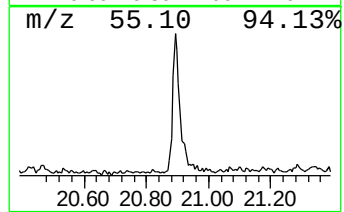
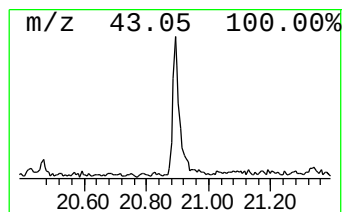
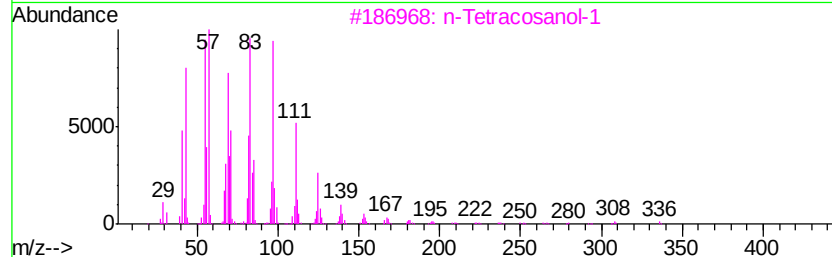
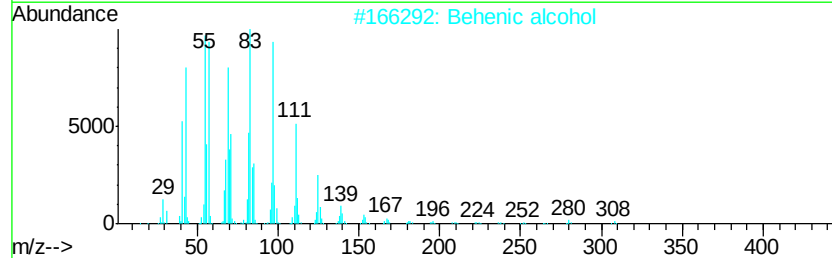
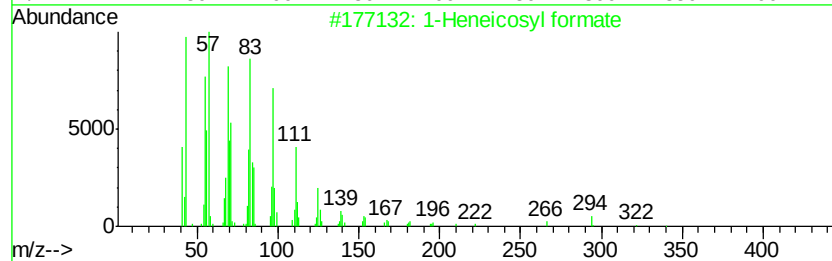
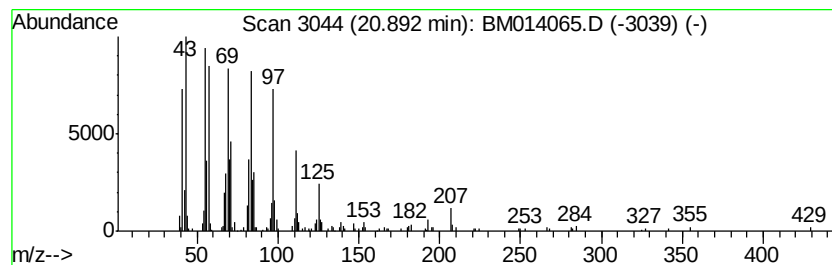
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	5.35 ng/ul	571171	Chrysene-d12	21.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosyl formate	340 C22H44O2	077899-03-7	93
2	Behenic alcohol	326 C22H46O	000661-19-8	91
3	n-Tetracosanol-1	354 C24H50O	000506-51-4	91
4	Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5	90
5	9-Nonadecene	266 C19H38	031035-07-1	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.59	2.8	ng/ul	228468	3	14.22	1615970	20.0
n-Hexadecanoic acid	17.88	5.6	ng/ul	526705	4	16.97	1873280	20.0
Octadecanoic acid	19.17	2.3	ng/ul	242264	5	21.17	2135010	20.0
1-Heneicosyl formate	20.89	5.3	ng/ul	571171	5	21.17	2135010	20.0