

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM013118\
 Data File : BM014062.D
 Acq On : 01 Feb 2018 08:14
 Operator : SJ/JU
 Sample : J1316-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C85

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	6.746	633	639	652	rBV	467402	904198	25.48%	2.576%
2	6.905	661	666	681	rBV	336238	546690	15.41%	1.558%
3	7.093	692	698	710	rBV	514628	850939	23.98%	2.425%
4	7.558	771	777	789	rBV	398501	673100	18.97%	1.918%
5	8.275	891	899	916	rBV	572437	1036327	29.20%	2.953%
6	8.716	967	974	985	rBV	501214	888958	25.05%	2.533%
7	9.434	1088	1096	1108	rBV	430709	798014	22.49%	2.274%
8	9.969	1180	1187	1203	rBV	552932	1095749	30.88%	3.122%
9	10.328	1241	1248	1256	rBV	550424	912805	25.72%	2.601%
10	10.487	1267	1275	1292	rBV	465126	996319	28.08%	2.839%
11	11.681	1471	1478	1486	rBV3	17171	45006	1.27%	0.128%
12	13.634	1803	1810	1814	rBV	1195413	1679453	47.33%	4.785%
13	13.681	1814	1818	1829	rVB	541870	823056	23.19%	2.345%
14	13.904	1847	1856	1874	rVB	1343909	2011567	56.69%	5.732%
15	14.122	1889	1893	1901	rVB3	26188	36351	1.02%	0.104%
16	14.216	1901	1909	1917	rBV2	806020	1248477	35.18%	3.557%
17	14.457	1944	1950	1967	rBV2	247357	680469	19.18%	1.939%
18	15.216	2072	2079	2088	rBV	1666088	2417053	68.12%	6.887%
19	15.363	2099	2104	2116	rBV2	409430	726328	20.47%	2.070%
20	15.457	2116	2120	2126	rVB5	22683	39414	1.11%	0.112%
21	15.586	2138	2142	2148	rBV	132836	191869	5.41%	0.547%
22	16.969	2371	2377	2384	rBV2	1144984	1580732	44.55%	4.504%
23	17.069	2388	2394	2409	rBV	1794532	2682895	75.61%	7.644%
24	17.880	2525	2532	2542	rBV	236188	425074	11.98%	1.211%
25	19.022	2721	2726	2729	rBV3	33867	55132	1.55%	0.157%
26	19.169	2746	2751	2759	rBV3	116164	211594	5.96%	0.603%
27	19.374	2780	2786	2795	rBV2	2347206	3241849	91.36%	9.237%
28	20.892	3040	3044	3053	rBV3	247099	441775	12.45%	1.259%
29	21.174	3087	3092	3102	rBV2	1426772	2059947	58.05%	5.869%
30	22.327	3285	3288	3294	rVB3	87961	123349	3.48%	0.351%
31	23.221	3433	3440	3449	rVB	1927552	3548479	100.00%	10.111%
32	23.357	3457	3463	3474	rVB	1035371	1982843	55.88%	5.650%
33	23.856	3544	3548	3553	rVB4	81192	140582	3.96%	0.401%

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Integration Parameters: LSCINT.P
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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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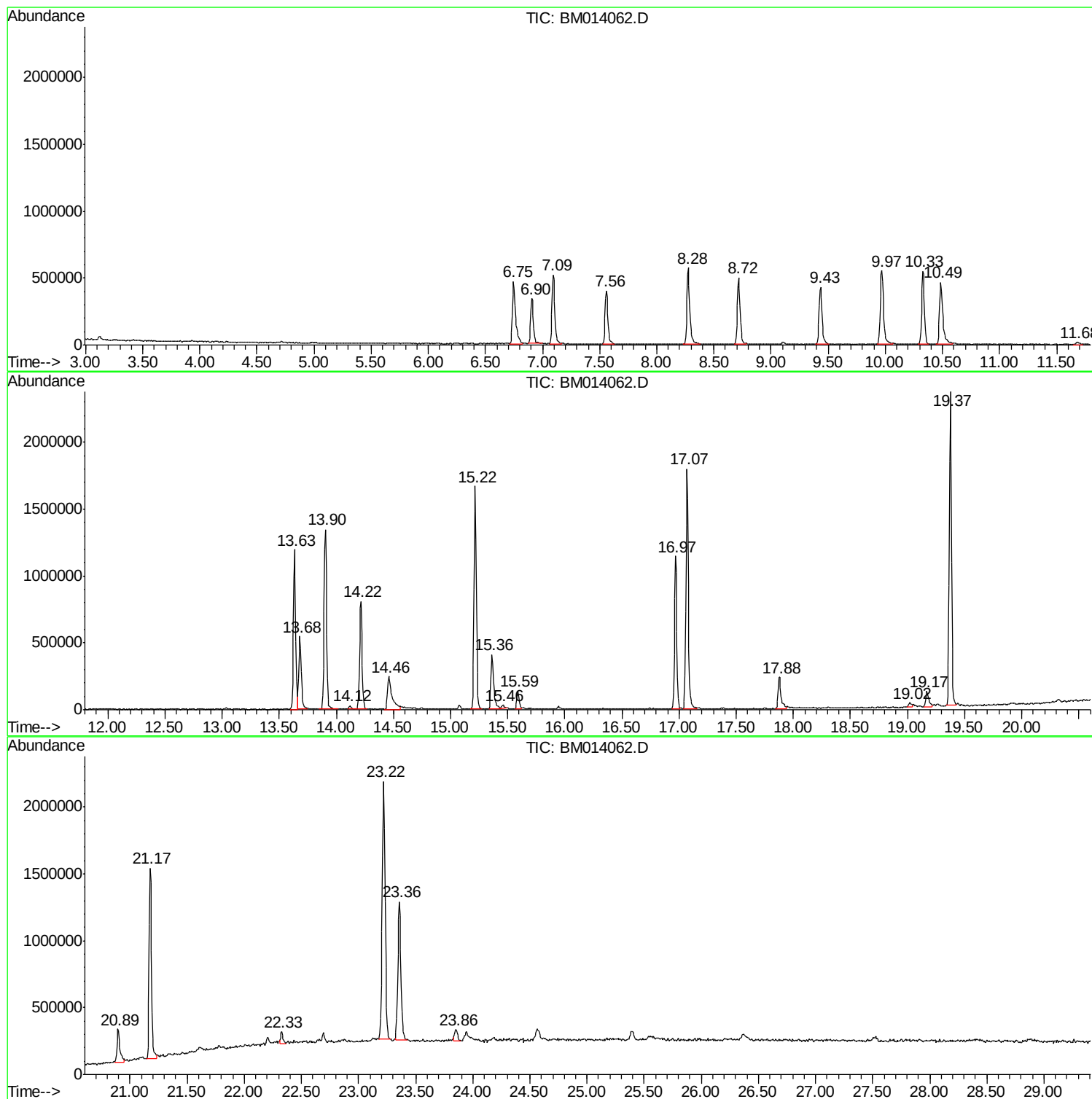
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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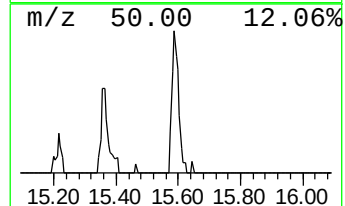
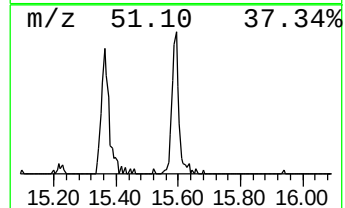
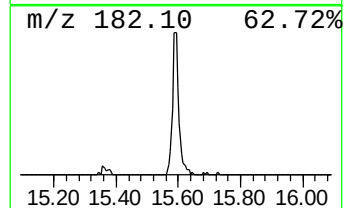
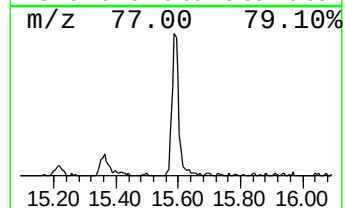
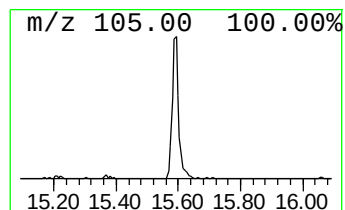
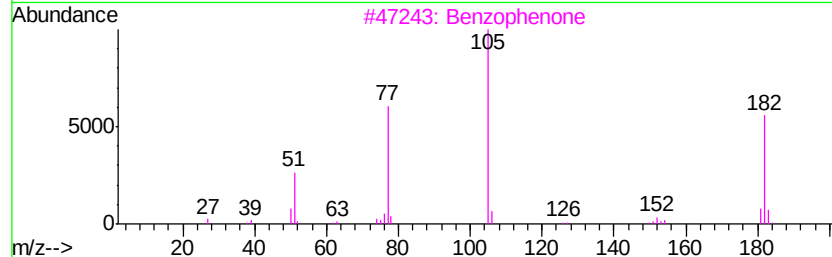
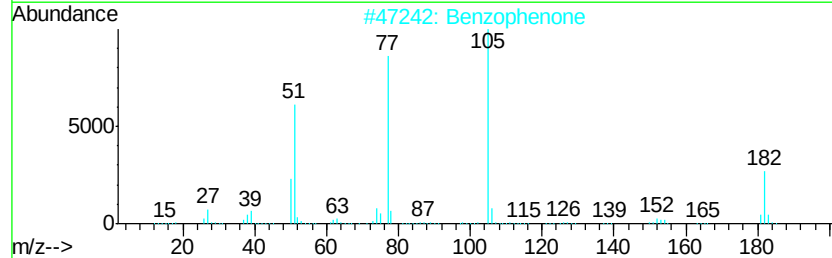
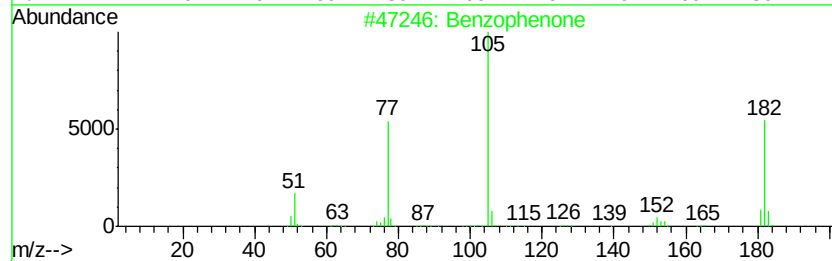
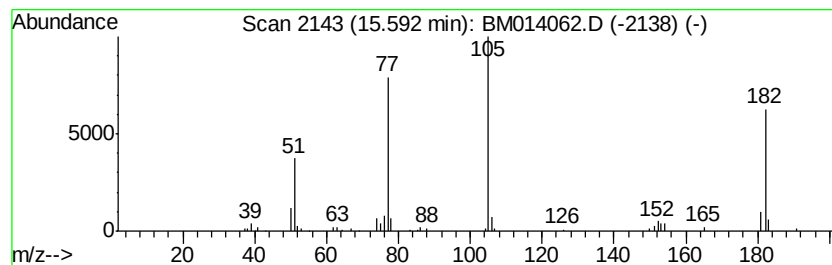
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	3.07 ng/ul	191869	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	94
2			Benzophenone	182	C13H10O	000119-61-9	91
3			Benzophenone	182	C13H10O	000119-61-9	91
4			Benzophenone	182	C13H10O	000119-61-9	86
5			Benzophenone	182	C13H10O	000119-61-9	74



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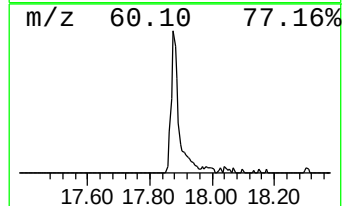
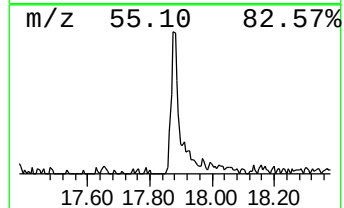
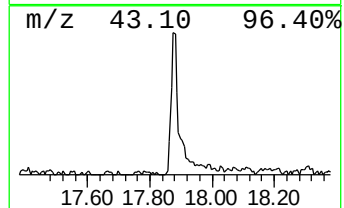
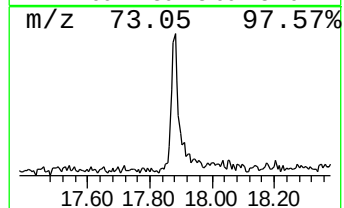
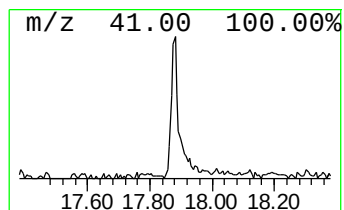
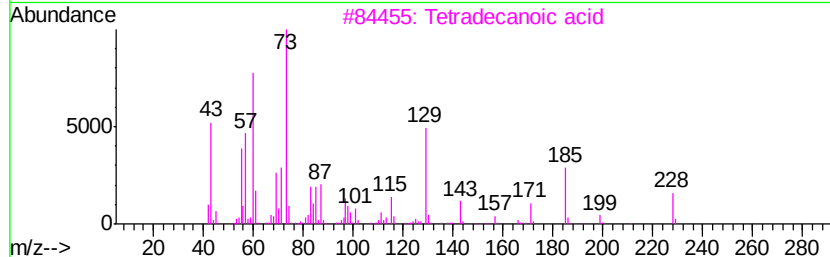
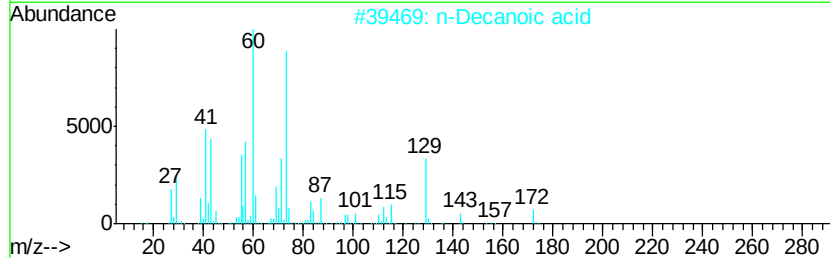
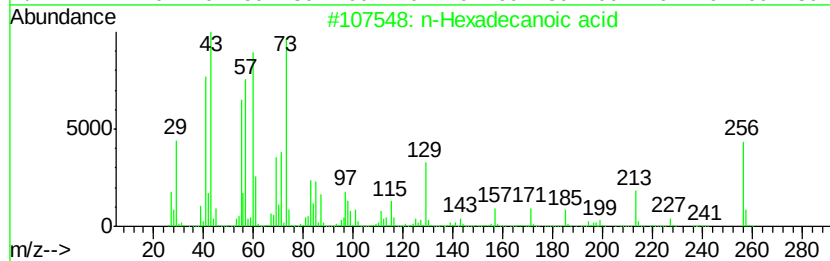
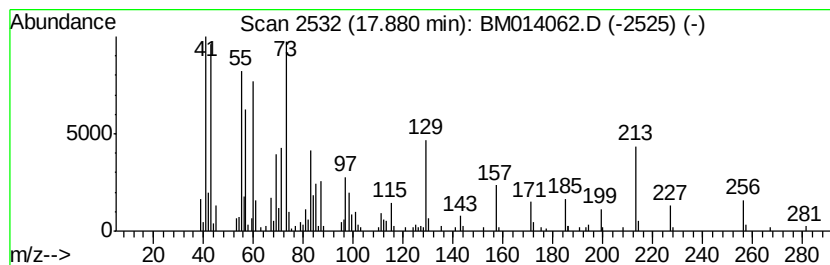
Instrument :
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.88	5.38 ng/ul	425074	Phenanthrene-d10		16.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
2		n-Decanoic acid	172	C10H20O2	000334-48-5	64
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	55
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	52



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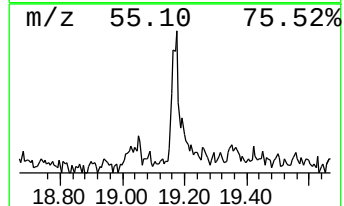
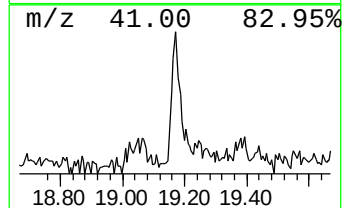
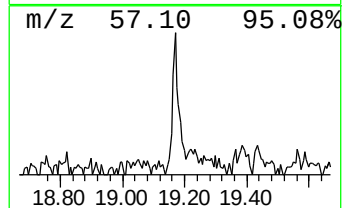
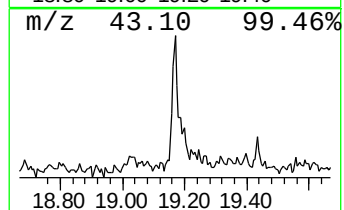
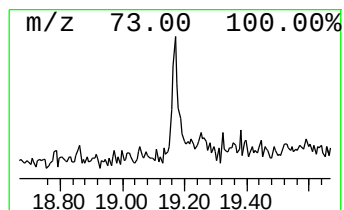
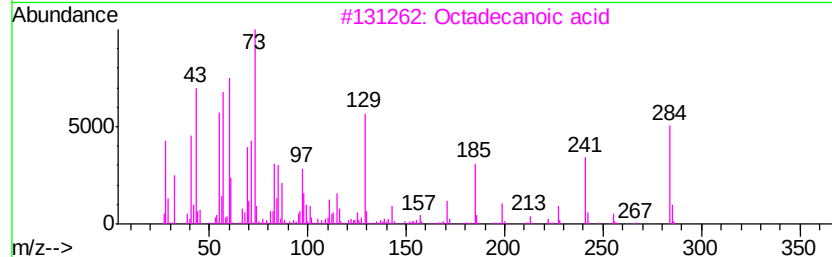
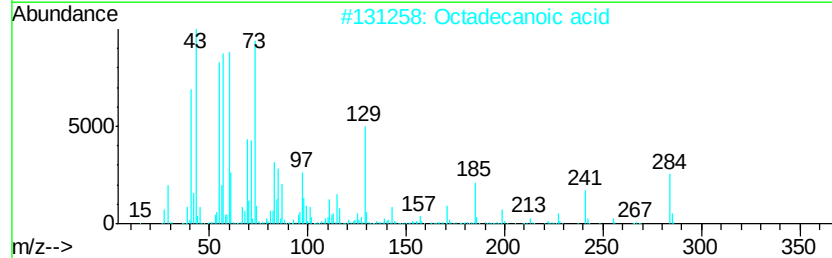
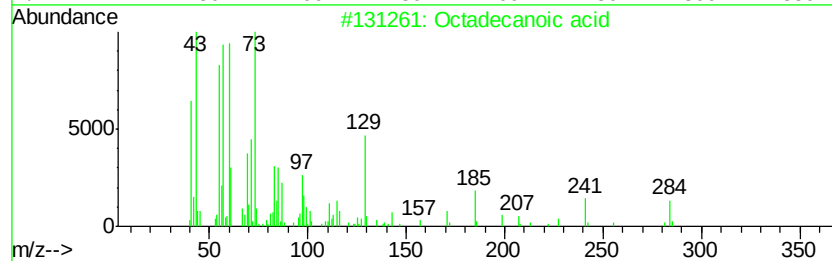
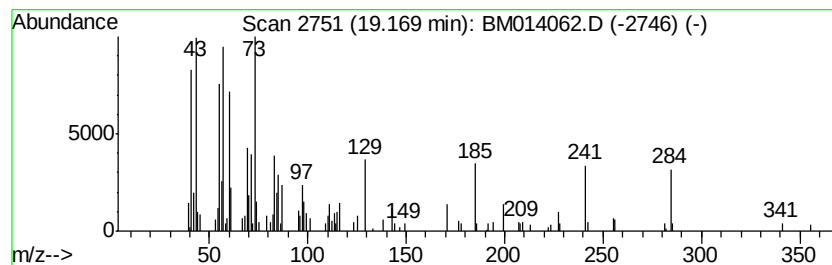
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.05 ng/ul	211594	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	91
4		Octadecanoic acid	284	C18H36O2	000057-11-4	90
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	90



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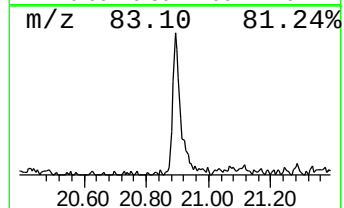
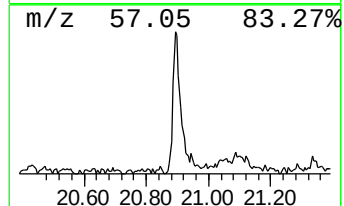
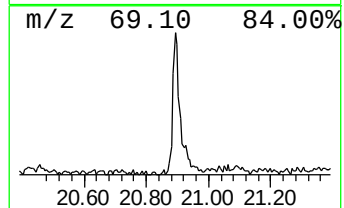
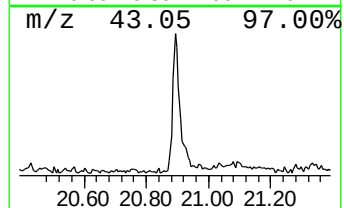
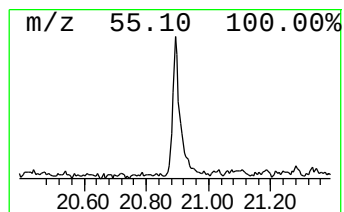
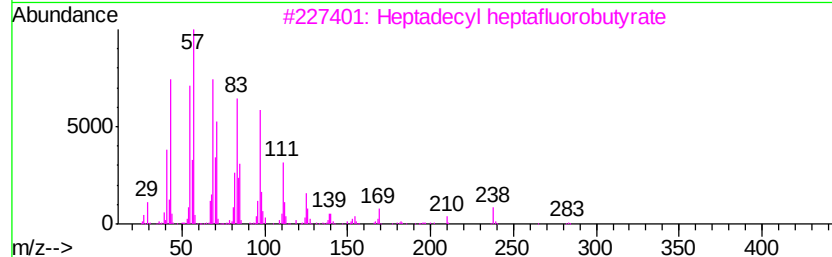
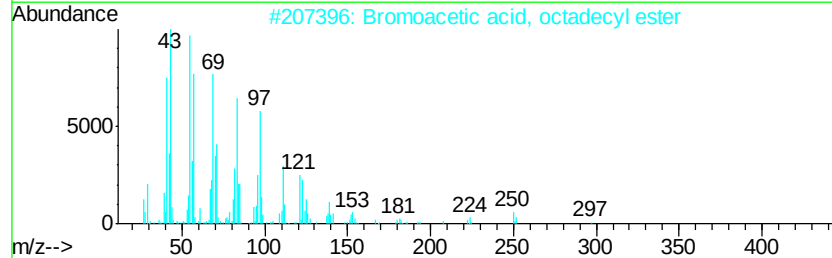
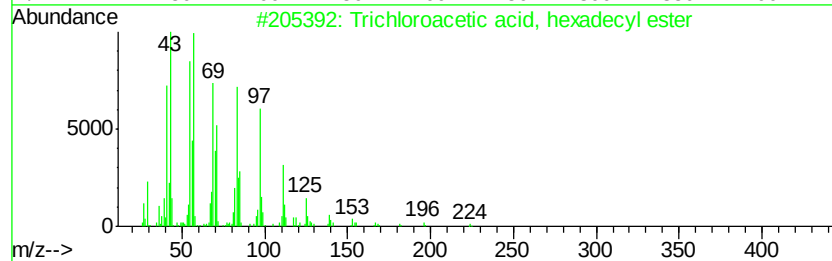
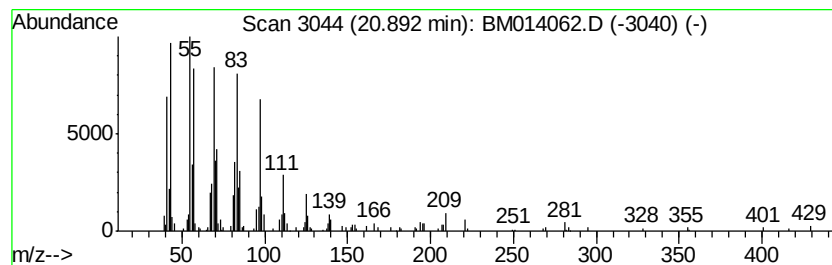
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.29 ng/ul	441775	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
4		Cyclotetradecane	196	C14H28	000295-17-0	83
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.59	3.1	ng/ul	191869	3	14.22	1248480	20.0
n-Hexadecanoic acid	17.88	5.4	ng/ul	425074	4	16.97	1580730	20.0
Octadecanoic acid	19.17	2.0	ng/ul	211594	5	21.17	2059950	20.0
Trichloroacetic a...	20.89	4.3	ng/ul	441775	5	21.17	2059950	20.0