

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030117\
 Data File : BM009057.D
 Acq On : 01 Mar 2017 18:57
 Operator : SJ/MA
 Sample : I1988-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DABS7

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-BM022317.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	3.358	42	46	53	rBV	53954	78565	1.47%	0.147%
2	3.628	89	92	100	rBV	72210	117968	2.20%	0.221%
3	7.046	667	673	683	rVB	852378	1395041	26.02%	2.609%
4	7.228	697	704	716	rVB	627981	1007492	18.79%	1.884%
5	7.422	731	737	747	rVB	821593	1306719	24.37%	2.444%
6	7.898	811	818	824	rBV	691901	1118813	20.87%	2.092%
7	8.593	928	936	945	rBV	891807	1474536	27.51%	2.758%
8	9.063	1008	1016	1024	rBV	785134	1336406	24.93%	2.499%
9	9.781	1130	1138	1145	rBV	663524	1085215	20.24%	2.030%
10	10.310	1220	1228	1239	rBV	971769	1593597	29.73%	2.980%
11	10.698	1285	1294	1305	rVB	932644	1523631	28.42%	2.850%
12	10.834	1310	1317	1325	rBV	924594	1527758	28.50%	2.857%
13	13.939	1832	1845	1849	rBV	1659447	2305649	43.01%	4.312%
14	13.986	1849	1853	1859	rVB	1021205	1360387	25.38%	2.544%
15	14.227	1888	1894	1902	rBV	1716971	2546014	47.49%	4.762%
16	14.533	1939	1946	1955	rBV2	1251658	1995705	37.23%	3.732%
17	14.722	1970	1978	1989	rBV	862891	1229757	22.94%	2.300%
18	15.363	2082	2087	2091	rVB2	71333	83722	1.56%	0.157%
19	15.527	2107	2115	2122	rBV	2287250	3340352	62.31%	6.247%
20	15.639	2128	2134	2141	rBV	738386	1048743	19.56%	1.961%
21	15.769	2147	2156	2160	rBV6	51512	93281	1.74%	0.174%
22	16.221	2229	2233	2243	rBV	90060	171386	3.20%	0.321%
23	17.015	2362	2368	2372	rBV	99901	124521	2.32%	0.233%
24	17.280	2407	2413	2419	rBV	1815516	2578742	48.10%	4.823%
25	17.380	2423	2430	2438	rVV	2800669	3839309	71.62%	7.180%
26	17.757	2490	2494	2498	rVB	71685	83904	1.57%	0.157%
27	18.151	2556	2561	2566	rBV2	354906	489409	9.13%	0.915%
28	19.304	2751	2757	2766	rBV3	45645	95786	1.79%	0.179%
29	19.427	2773	2778	2784	rBV2	308846	420885	7.85%	0.787%
30	19.668	2813	2819	2828	rBV	3690892	4942418	92.19%	9.243%
31	21.139	3065	3069	3075	rBV2	409887	495362	9.24%	0.926%
32	21.451	3117	3122	3128	rBV	2980243	3676021	68.57%	6.875%
33	23.650	3488	3496	3504	rBV2	2696067	5360942	100.00%	10.026%
34	23.797	3515	3521	3533	rVB2	1838697	3621396	67.55%	6.773%

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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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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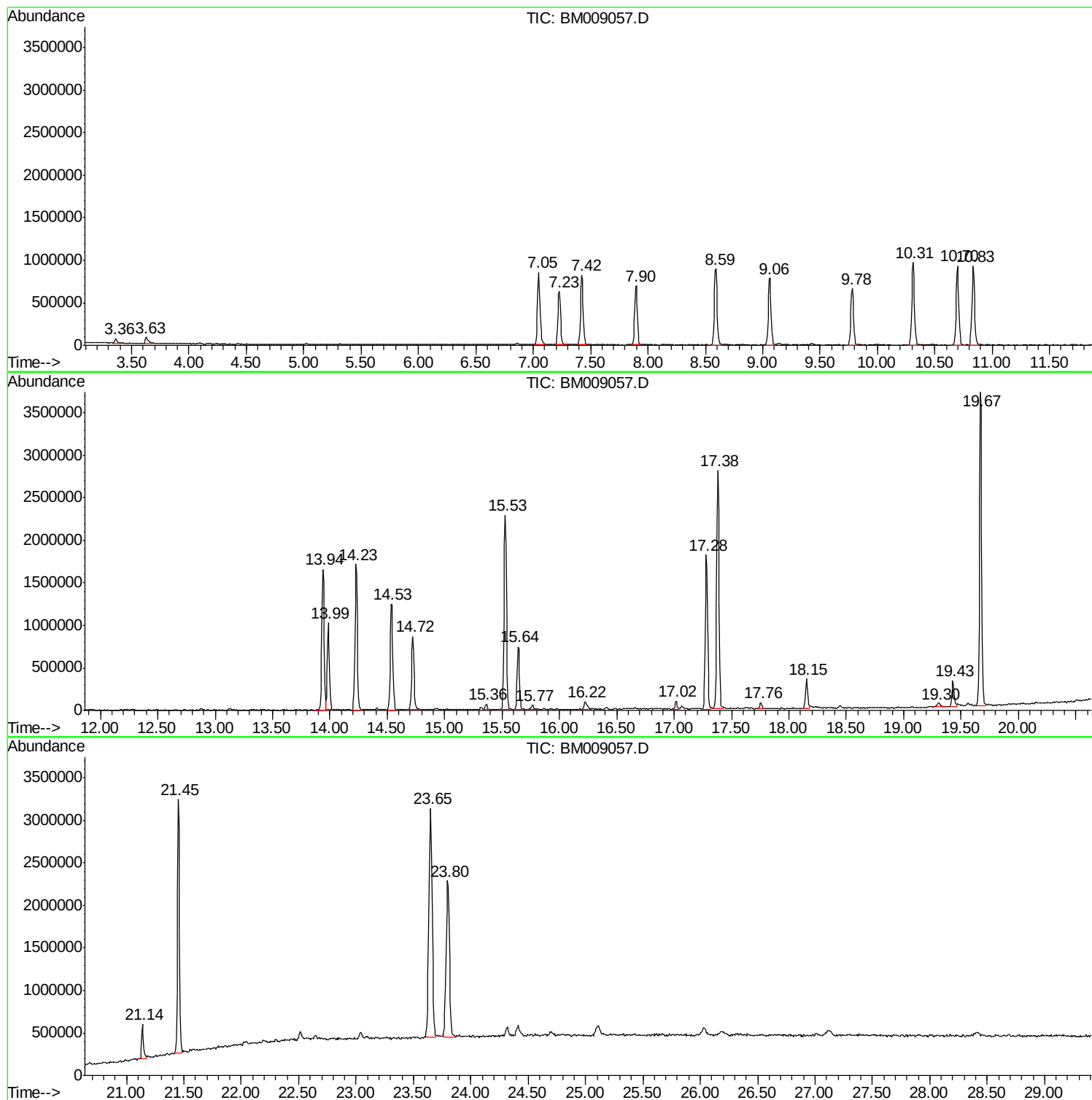
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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



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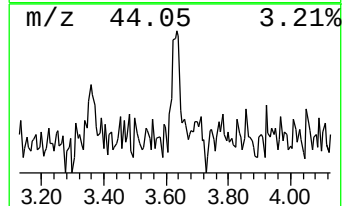
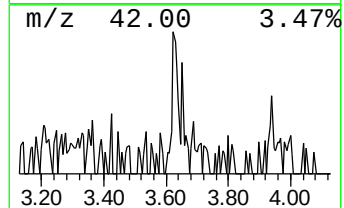
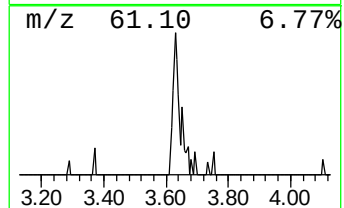
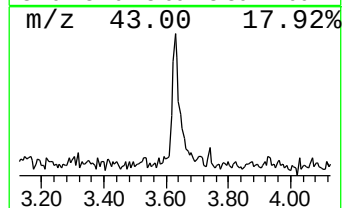
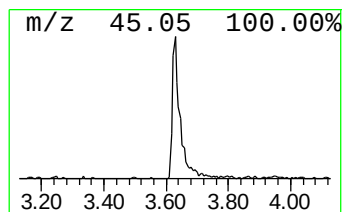
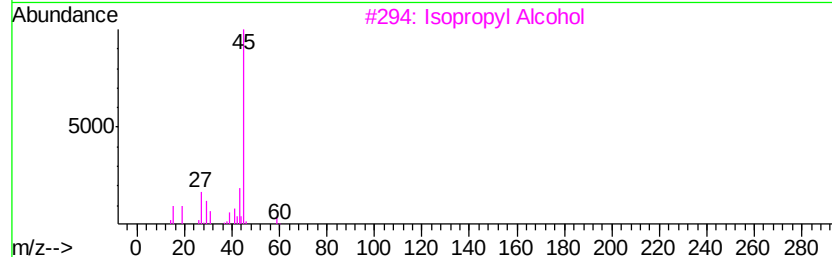
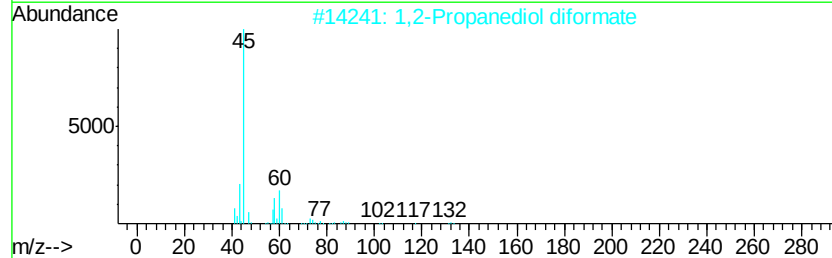
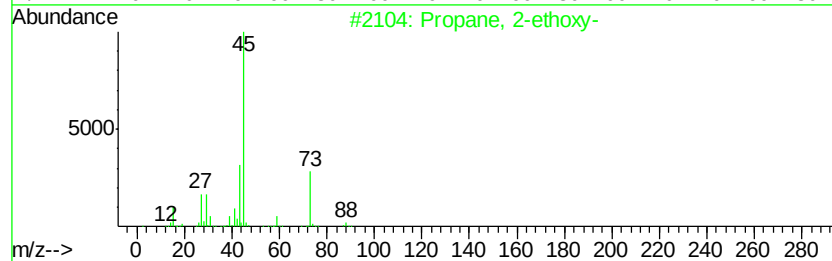
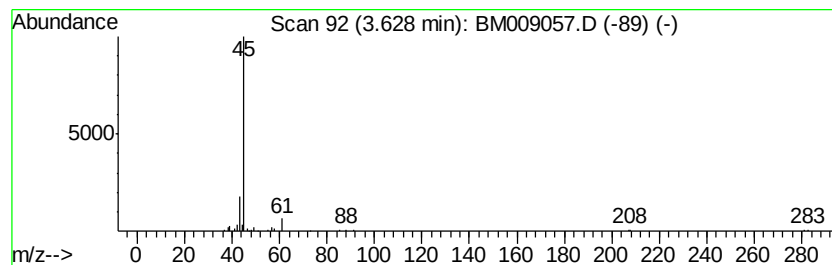
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.63	2.11 ng/ul	117968	1,4-Dichlorobenzene-d4	7.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9
2		1,2-Propanediol diformate	132	C5H8O4	053818-14-7	9
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4		Propanenitrile, 3-methoxy-	85	C4H7NO	000110-67-8	7
5		Butane, 1-methoxy-	88	C5H12O	000628-28-4	7



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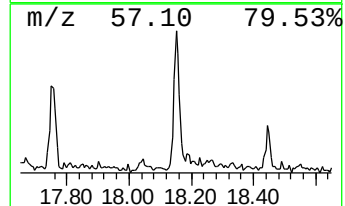
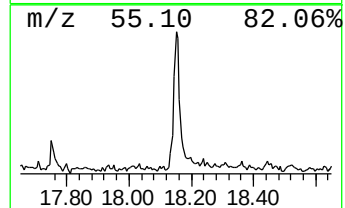
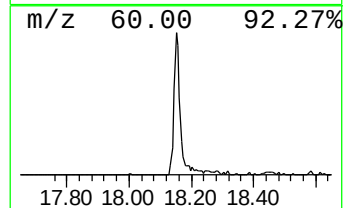
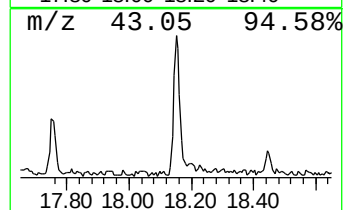
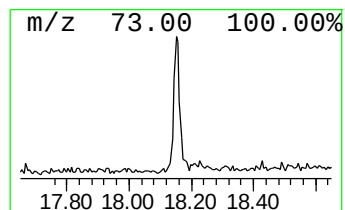
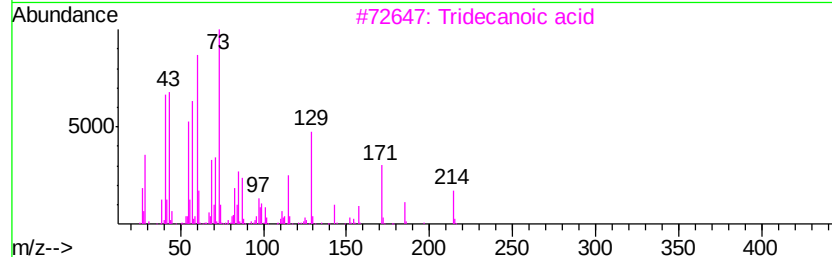
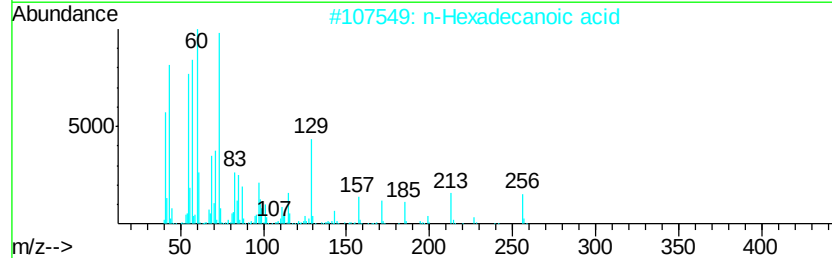
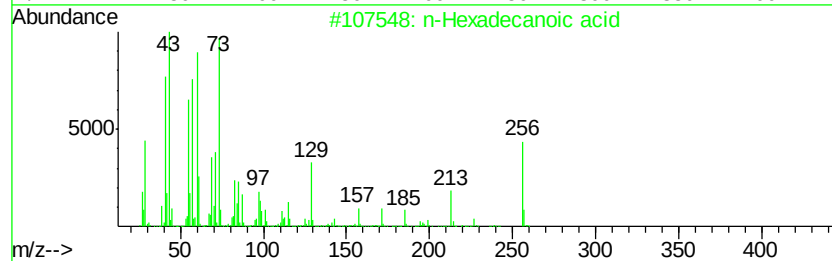
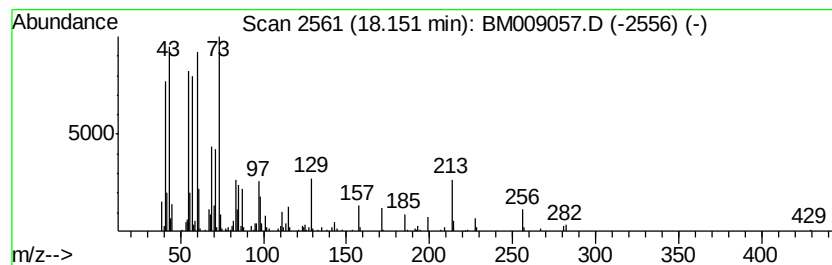
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	3.80 ng/ul	489409	Phenanthrene-d10	17.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	90



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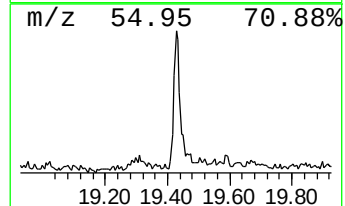
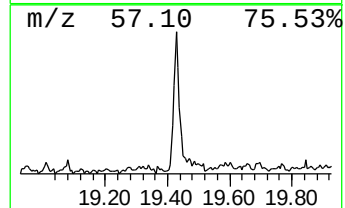
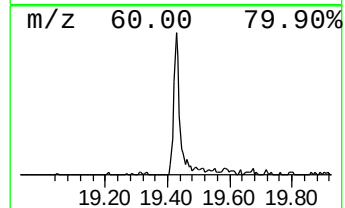
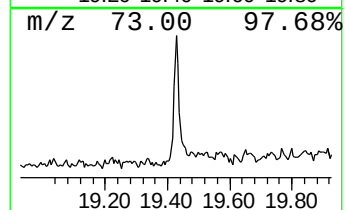
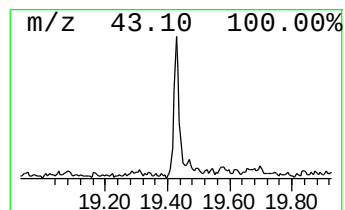
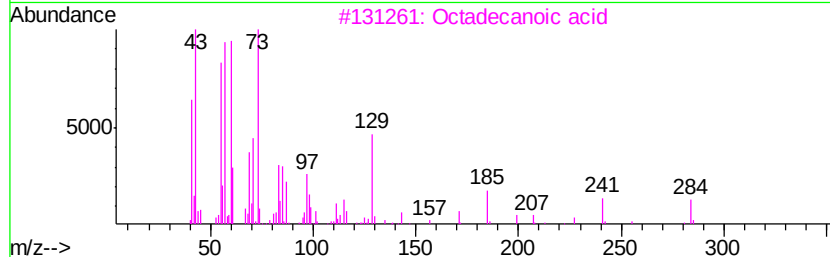
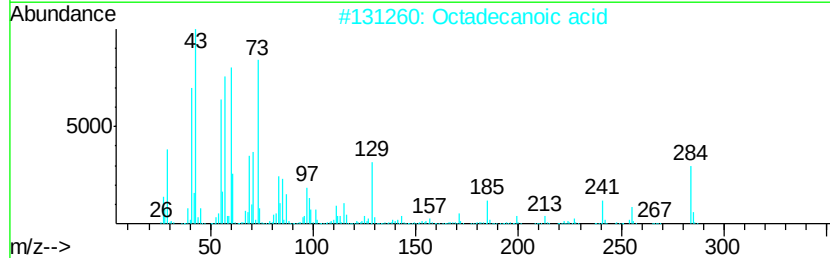
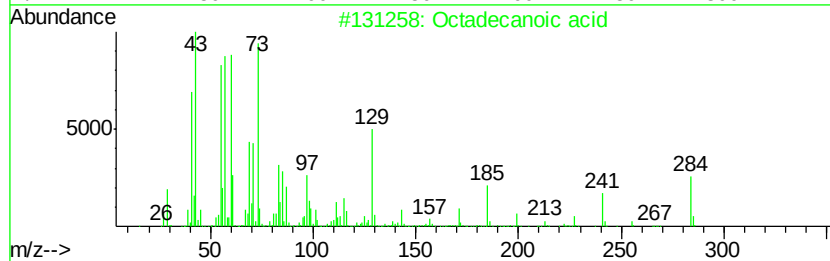
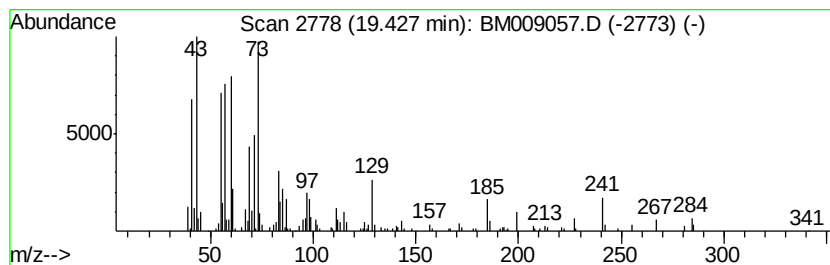
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	2.29 ng/ul	420885	Chrysene-d12	21.45

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	96
3		Octadecanoic acid	284	C18H36O2	000057-11-4	96
4		Octadecanoic acid	284	C18H36O2	000057-11-4	94
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	89



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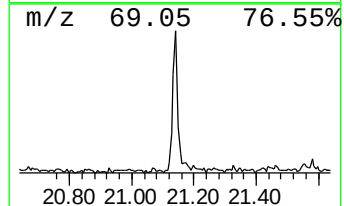
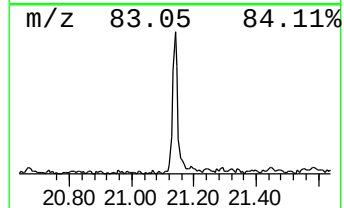
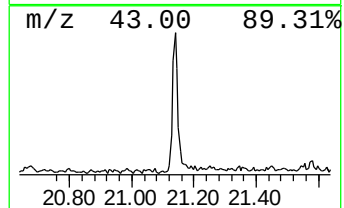
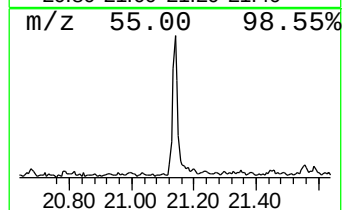
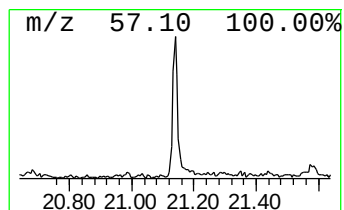
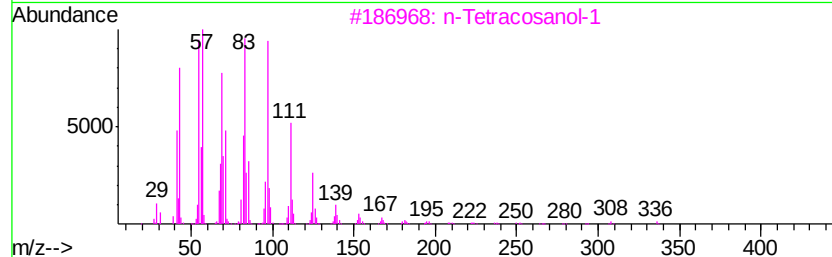
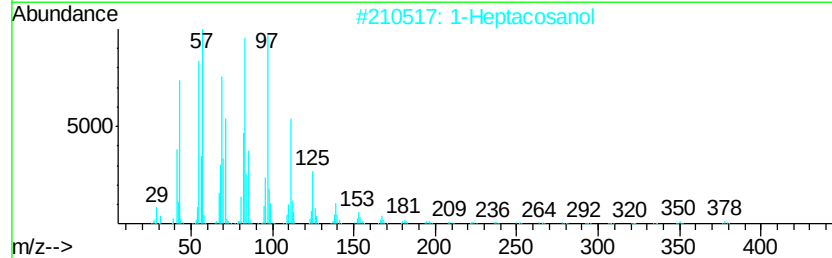
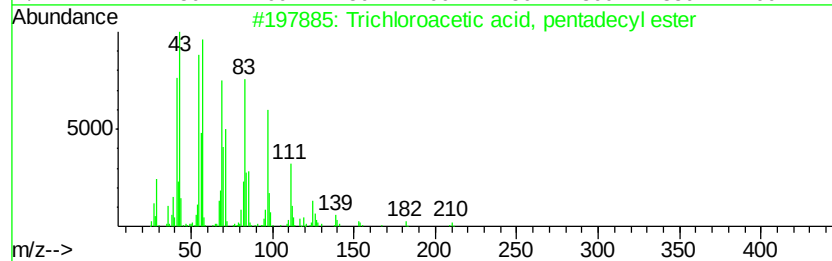
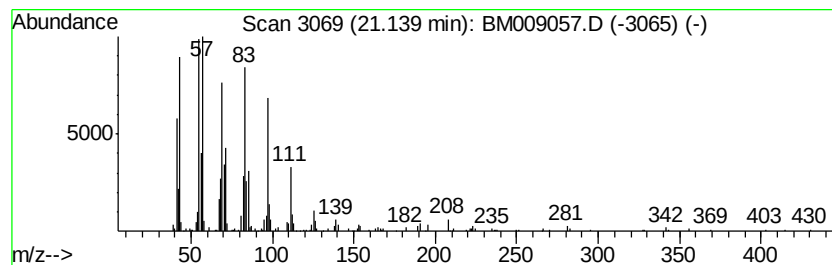
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	2.70 ng/ul	495362	Chrysene-d12	21.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2		1-Heptacosanol	396	C27H56O	002004-39-9	91
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4		2-Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.63	2.1	ng/ul	117968	1	7.89	1118810	20.0
n-Hexadecanoic acid	18.15	3.8	ng/ul	489409	4	17.28	2578740	20.0
Octadecanoic acid	19.43	2.3	ng/ul	420885	5	21.45	3676020	20.0
Trichloroacetic a...	21.14	2.7	ng/ul	495362	5	21.45	3676020	20.0