

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031218\
 Data File : BM014531.D
 Acq On : 12 Mar 2018 23:23
 Operator : SJ/JU
 Sample : J1813-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F48

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-BM021418.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	3.052	23	28	36	rVB7	13780	22802	1.03%	0.087%
2	4.657	298	301	307	rVB3	25244	35926	1.62%	0.137%
3	6.687	640	646	662	rBV	226065	527305	23.76%	2.004%
4	6.828	665	670	683	rBV	210581	357614	16.11%	1.359%
5	7.016	695	702	717	rBV2	314329	571562	25.75%	2.172%
6	7.475	774	780	793	rVB	351270	612334	27.59%	2.327%
7	8.210	900	905	920	rBV2	270994	568484	25.61%	2.160%
8	8.640	970	978	995	rBV	334411	621920	28.02%	2.363%
9	9.357	1094	1100	1116	rBV2	292790	587487	26.47%	2.232%
10	9.904	1187	1193	1209	rBV	296225	735867	33.16%	2.796%
11	10.245	1244	1251	1259	rBV	503049	856354	38.58%	3.254%
12	10.422	1274	1281	1299	rBV	217102	591255	26.64%	2.247%
13	13.563	1809	1815	1821	rBV	790281	1242868	56.00%	4.722%
14	13.616	1821	1824	1837	rVB	130424	234547	10.57%	0.891%
15	13.827	1853	1860	1871	rBV	922817	1419098	63.94%	5.392%
16	14.039	1890	1896	1900	rBV3	36348	53000	2.39%	0.201%
17	14.139	1907	1913	1923	rVB2	771339	1158794	52.21%	4.403%
18	14.445	1959	1965	1977	rBV4	155214	502981	22.66%	1.911%
19	14.663	2000	2002	2009	rVB7	14558	23246	1.05%	0.088%
20	14.998	2055	2059	2063	rBV3	48803	60427	2.72%	0.230%
21	15.145	2078	2084	2098	rVB	1105908	1687603	76.04%	6.412%
22	15.327	2108	2115	2124	rBV2	280725	552780	24.91%	2.100%
23	15.392	2124	2126	2134	rVB7	30721	59629	2.69%	0.227%
24	15.868	2201	2207	2213	rBV4	45851	83807	3.78%	0.318%
25	16.463	2301	2308	2313	rBV9	14473	24779	1.12%	0.094%
26	16.904	2377	2383	2391	rBV	1054875	1476474	66.53%	5.610%
27	17.004	2394	2400	2413	rBV	1180589	1902112	85.70%	7.227%
28	17.815	2532	2538	2547	rBV2	195398	325236	14.65%	1.236%
29	18.956	2729	2732	2736	rBV6	26049	32656	1.47%	0.124%
30	19.104	2754	2757	2764	rBV3	94453	146072	6.58%	0.555%
31	19.251	2777	2782	2787	rBV	595794	672036	30.28%	2.554%
32	19.315	2787	2793	2805	rBV	1476033	2219412	100.00%	8.433%
33	20.303	2957	2961	2966	rVB	399677	451103	20.33%	1.714%
34	20.833	3047	3051	3058	rBV	281415	365574	16.47%	1.389%

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35	21.127	3096	3101	3108	rBV	1308342	1800461	81.12%	6.841%
36	23.156	3440	3446	3455	rVB2	1182052	2127576	95.86%	8.084%
37	23.291	3463	3469	3479	rVB	846635	1606853	72.40%	6.106%

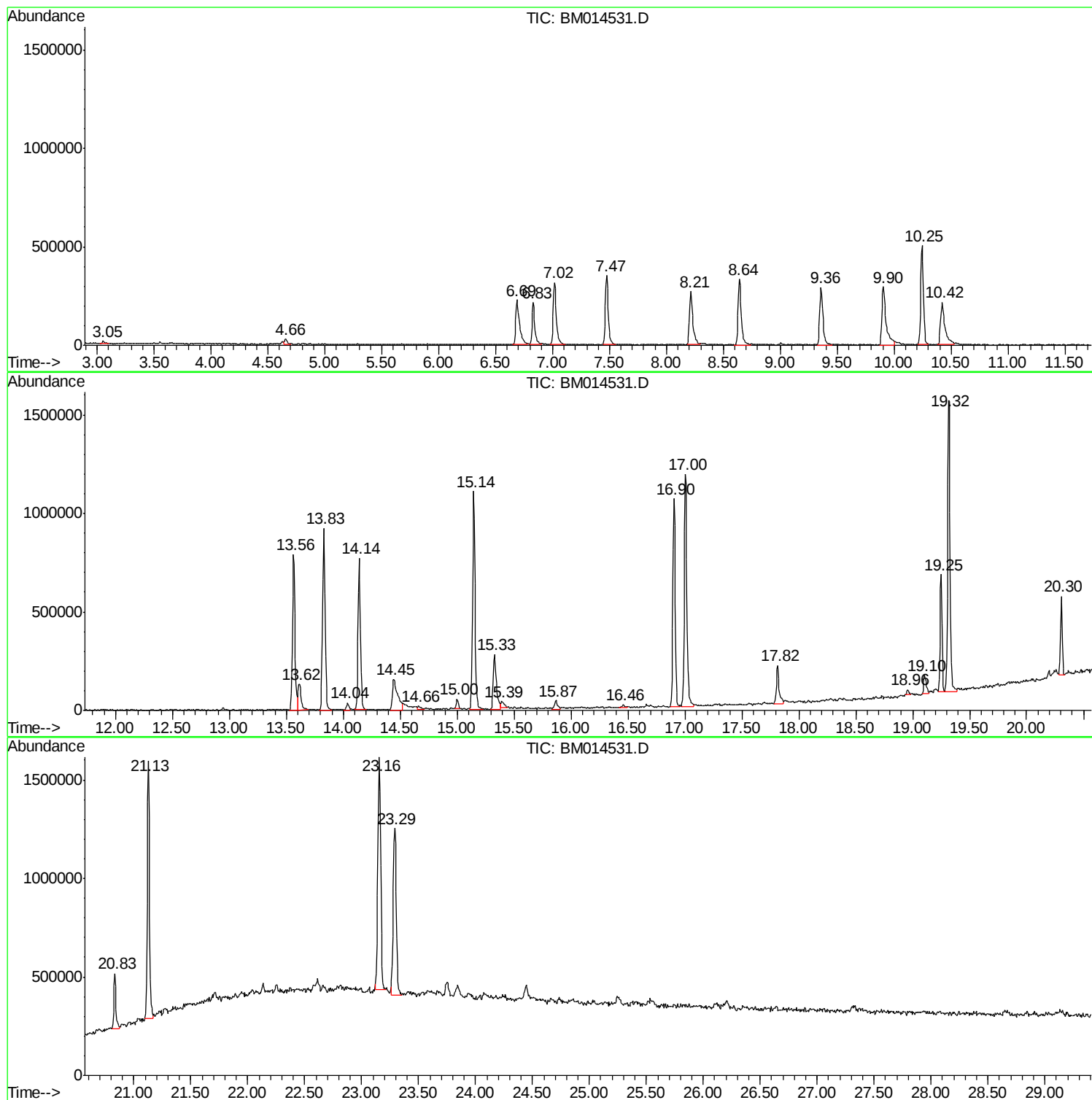
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TIC Library : C:\DATABASE\NIST11.L
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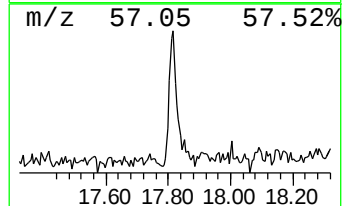
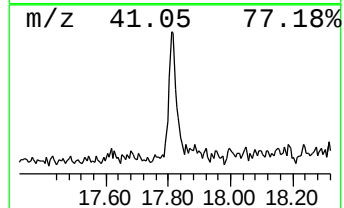
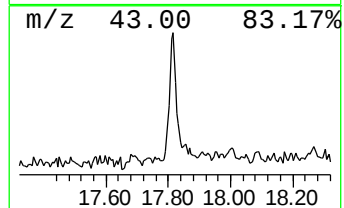
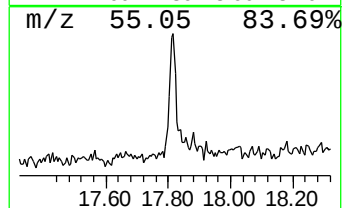
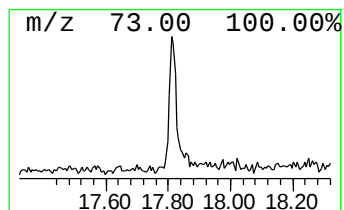
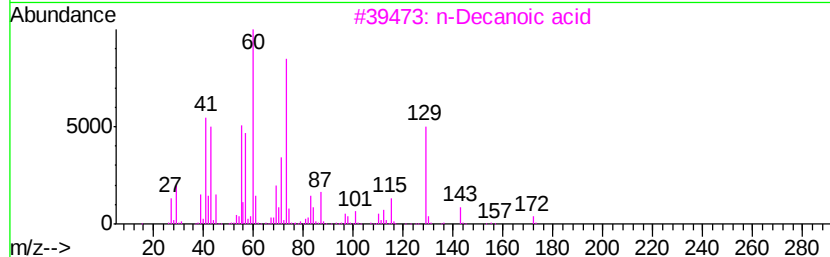
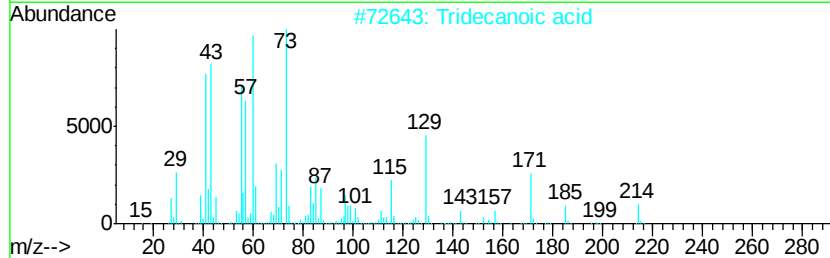
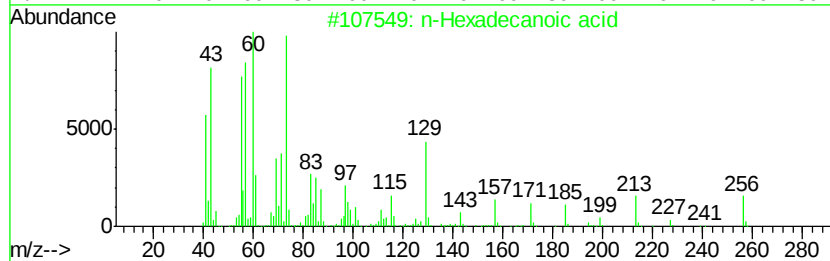
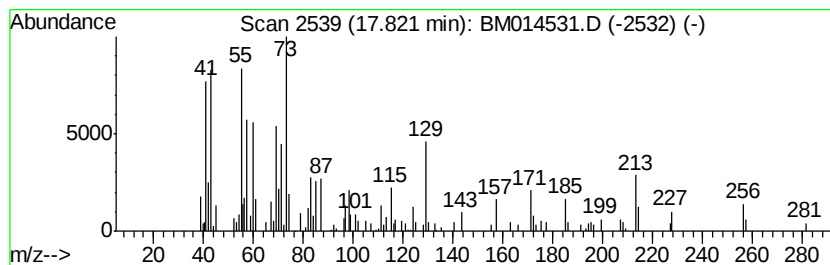
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.82	4.41 ng/ul	325236	Phenanthrene-d10		16.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	n-Decanoic acid	172	C10H20O2	000334-48-5	83
4	Undecanoic acid	186	C11H22O2	000112-37-8	78
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60



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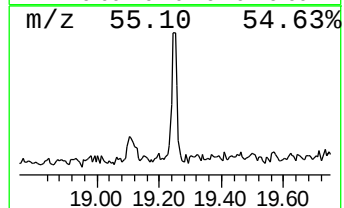
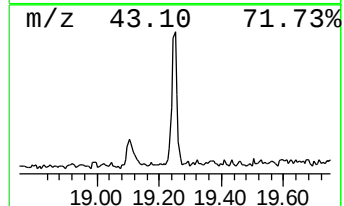
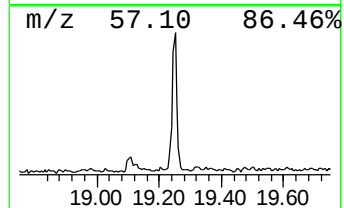
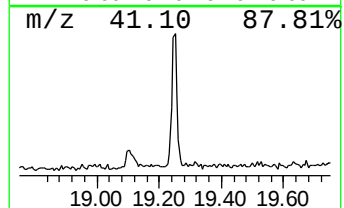
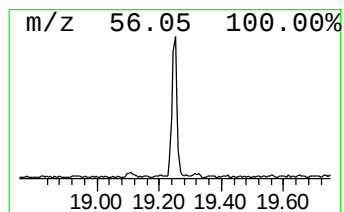
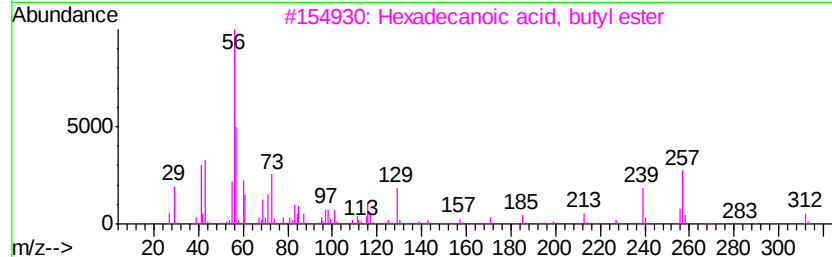
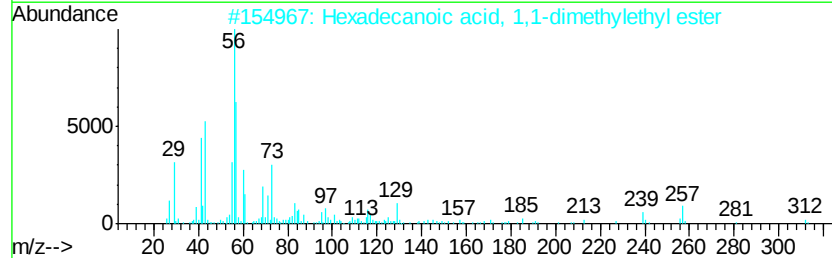
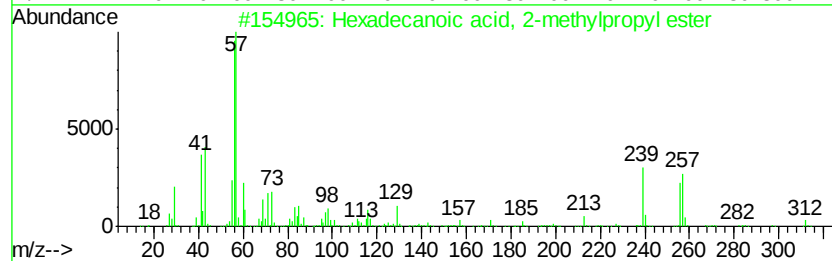
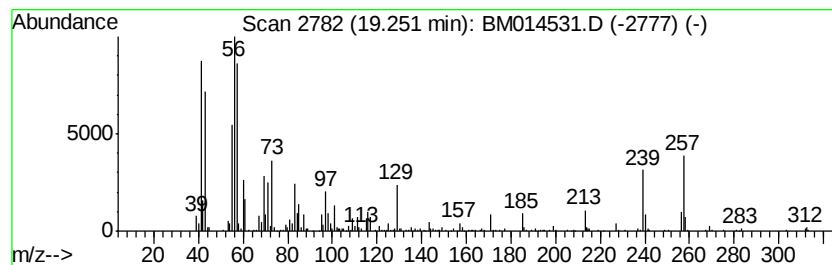
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Peak Number 2 Hexadecanoic acid, 2-methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	7.47 ng/ul	672036	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	93
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	91
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
4		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	59
5		Octanoic acid, hexyl ester	228	C14H28O2	001117-55-1	32



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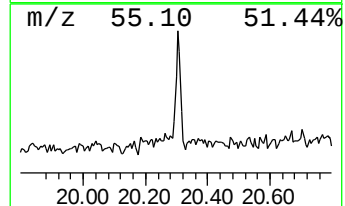
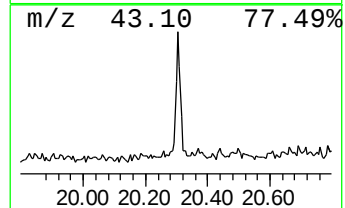
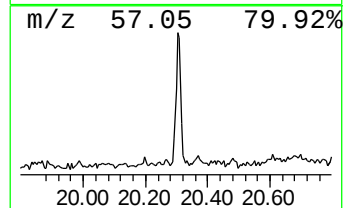
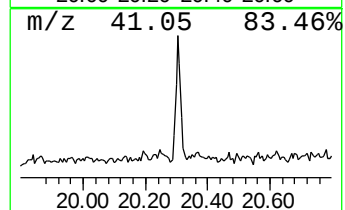
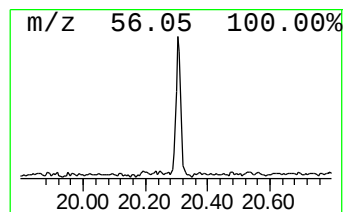
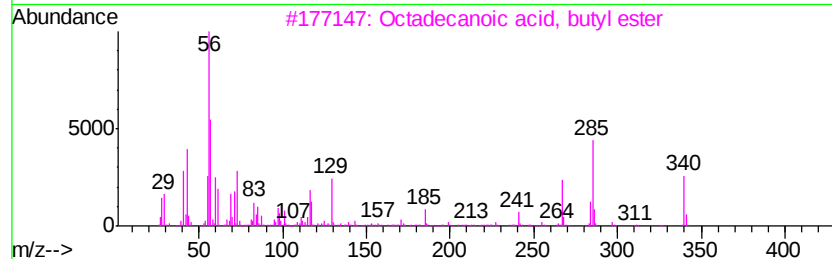
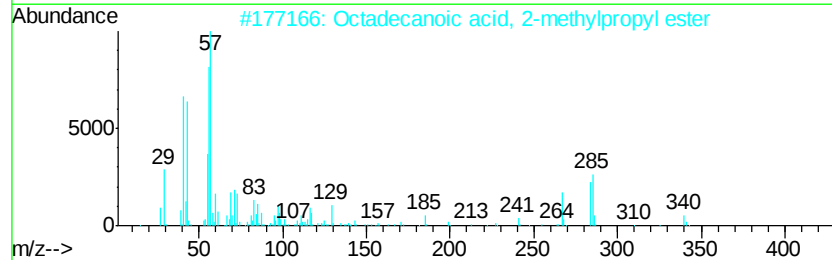
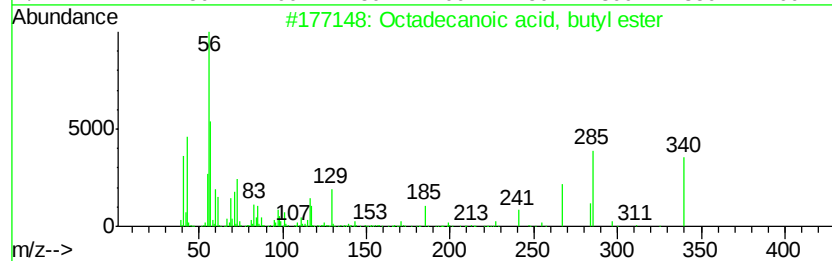
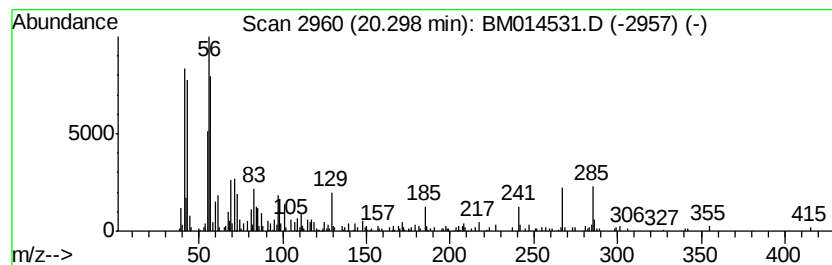
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Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	5.01 ng/ul	451103	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
2		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	80
3		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	78
4		Nipecotic acid	129	C6H11NO2	000498-95-3	43
5		Butyl myristate	284	C18H36O2	000110-36-1	40



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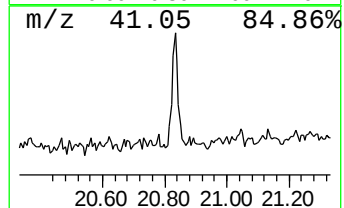
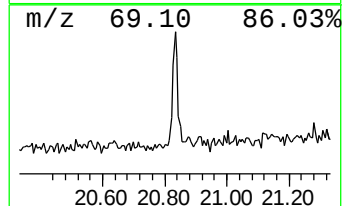
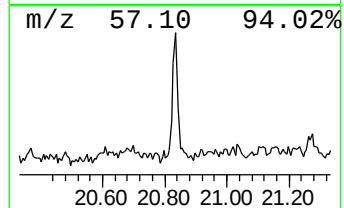
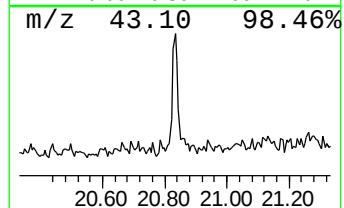
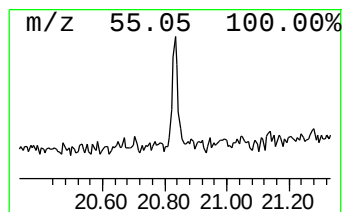
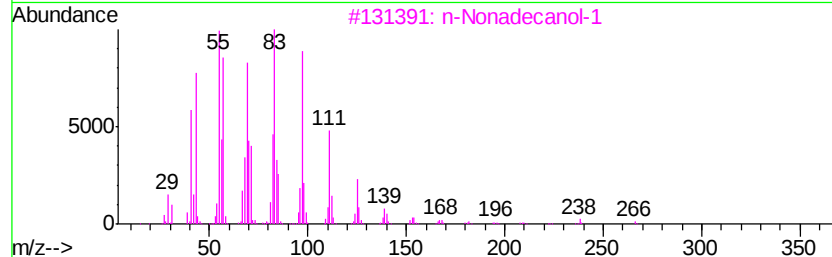
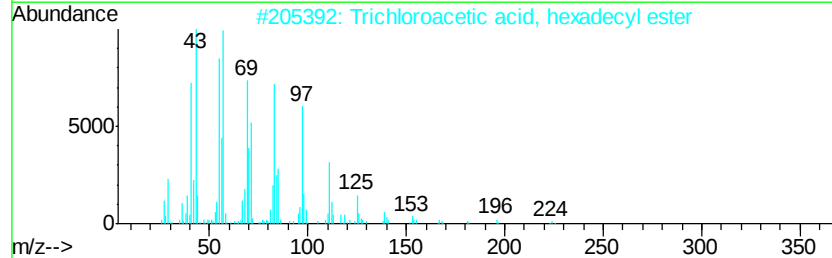
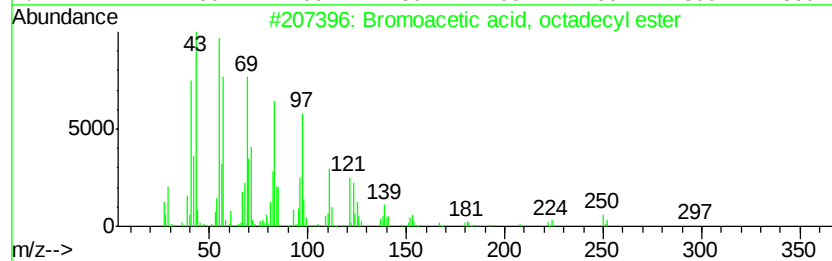
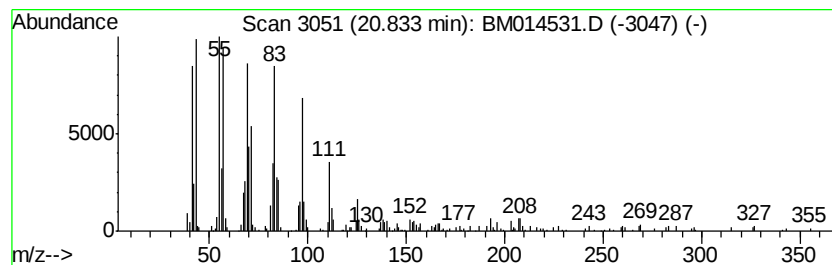
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Peak Number 4 Bromoacetic acid, octadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	4.06 ng/ul	365574	Chrysene-d12	21.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	93
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.82	4.4	ng/ul	325236	4	16.90	1476470	20.0
Hexadecanoic acid...	19.25	7.5	ng/ul	672036	5	21.13	1800460	20.0
Octadecanoic acid...	20.30	5.0	ng/ul	451103	5	21.13	1800460	20.0
Bromoacetic acid,...	20.83	4.1	ng/ul	365574	5	21.13	1800460	20.0