

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
 Data File : BM008894.D
 Acq On : 27 Jan 2017 03:22
 Operator : SJ/MA
 Sample : I1426-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDMY2

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-BM012317.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	3.381	132	135	143	rVB2	26565	34512	1.68%	0.119%
2	7.075	755	763	774	rVB	525993	900060	43.70%	3.105%
3	7.257	787	794	801	rBV	309582	494079	23.99%	1.705%
4	7.451	820	827	834	rBV	502685	788795	38.30%	2.721%
5	7.928	899	908	914	rBV	486644	785911	38.16%	2.711%
6	8.616	1018	1025	1034	rVB	564698	892643	43.34%	3.080%
7	9.092	1096	1106	1114	rBV	516213	856668	41.60%	2.956%
8	9.457	1162	1168	1177	rVB	22866	38542	1.87%	0.133%
9	9.810	1221	1228	1236	rBV2	446033	739081	35.89%	2.550%
10	10.339	1311	1318	1327	rVB	572096	955197	46.38%	3.296%
11	10.728	1376	1384	1392	rBV	594019	973680	47.28%	3.359%
12	10.863	1400	1407	1414	rBV	532314	897255	43.57%	3.096%
13	13.969	1927	1935	1939	rBV	963853	1307508	63.49%	4.511%
14	14.016	1939	1943	1949	rVB	296865	398114	19.33%	1.374%
15	14.257	1978	1984	1991	rBV	926884	1357027	65.89%	4.682%
16	14.439	2011	2015	2019	rVB3	19642	26164	1.27%	0.090%
17	14.563	2029	2036	2044	rBV	862325	1207204	58.62%	4.165%
18	14.745	2060	2067	2076	rBV	539586	753577	36.59%	2.600%
19	15.345	2165	2169	2172	rBV3	19505	26177	1.27%	0.090%
20	15.392	2172	2177	2181	rVB	50586	61506	2.99%	0.212%
21	15.557	2198	2205	2211	rBV	1157968	1673939	81.28%	5.775%
22	15.663	2218	2223	2231	rVB	409290	575208	27.93%	1.985%
23	15.798	2238	2246	2250	rBV4	28713	47529	2.31%	0.164%
24	16.251	2318	2323	2331	rBV3	68525	118482	5.75%	0.409%
25	17.045	2454	2458	2461	rBV2	48858	61635	2.99%	0.213%
26	17.098	2461	2467	2471	rVB4	17890	26861	1.30%	0.093%
27	17.309	2496	2503	2509	rBV2	978871	1448060	70.31%	4.996%
28	17.409	2513	2520	2526	rVV	1275951	1813209	88.04%	6.256%
29	17.780	2579	2583	2589	rVB4	42249	53727	2.61%	0.185%
30	18.174	2644	2650	2657	rBV3	126748	187979	9.13%	0.649%
31	19.333	2839	2847	2849	rBV7	32035	52755	2.56%	0.182%
32	19.450	2863	2867	2871	rBV5	61475	78921	3.83%	0.272%
33	19.603	2888	2893	2898	rVB	950462	1060690	51.50%	3.659%
34	19.692	2902	2908	2916	rVB	1480485	2059483	100.00%	7.105%

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35	20.645	3065	3070	3075	rBV	838632	891577	43.29%	3.076%
36	21.162	3155	3158	3163	rBV3	138799	155640	7.56%	0.537%
37	21.474	3206	3211	3217	rBV	1387146	1717682	83.40%	5.926%
38	23.680	3580	3586	3597	rVB	995026	1981172	96.20%	6.835%
39	23.838	3606	3613	3622	rVB	747449	1486558	72.18%	5.129%

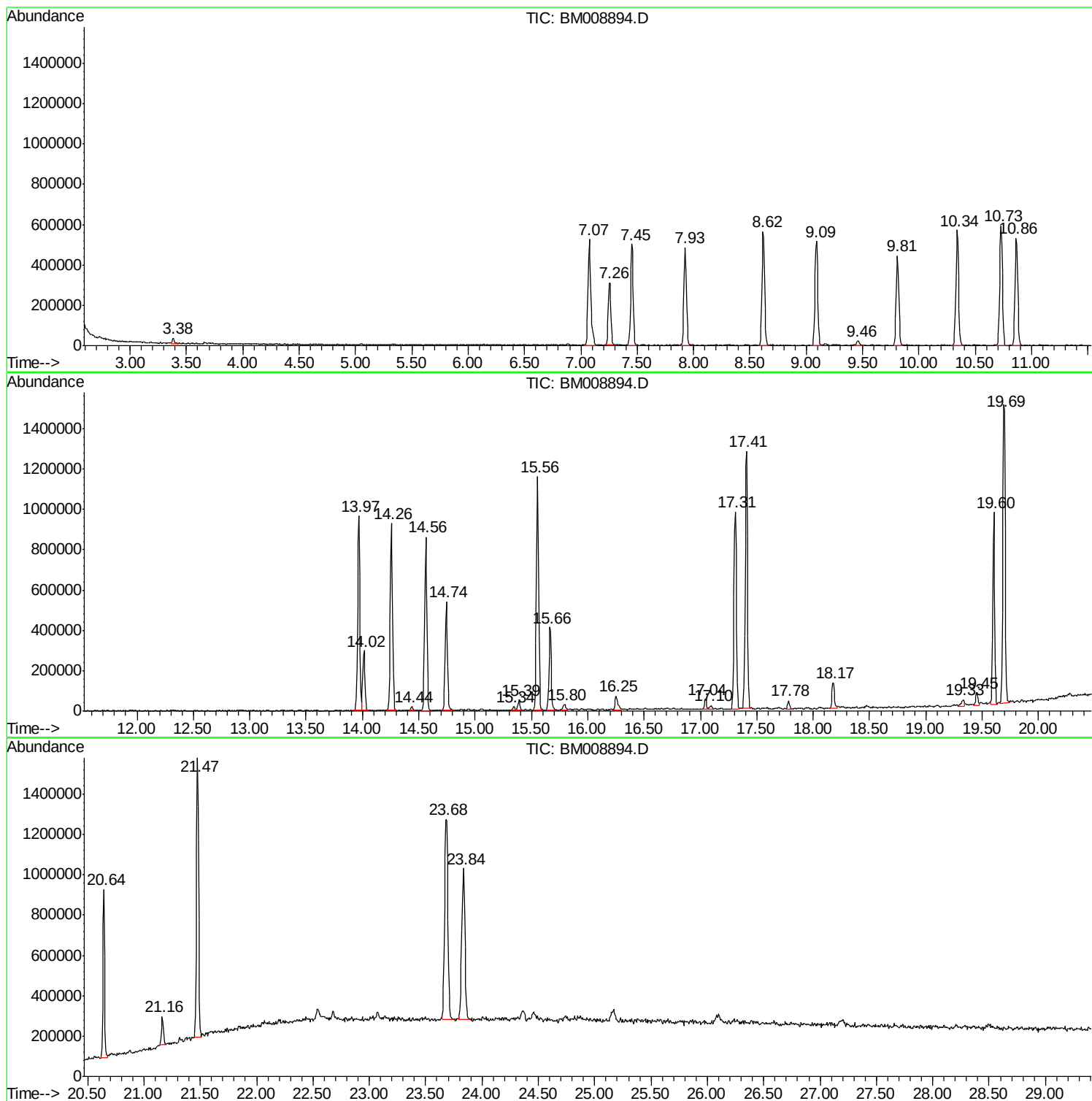
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



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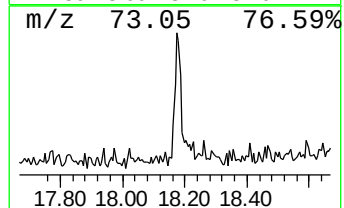
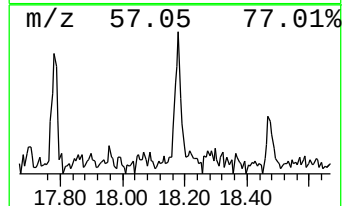
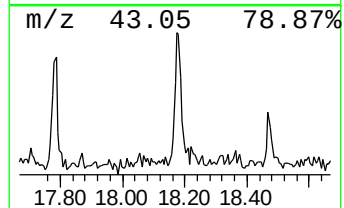
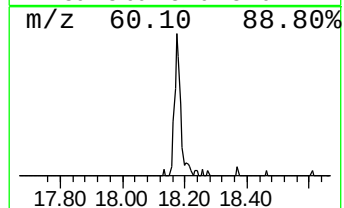
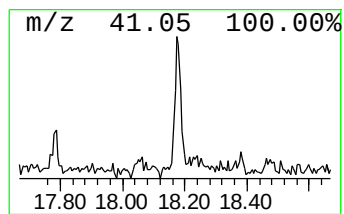
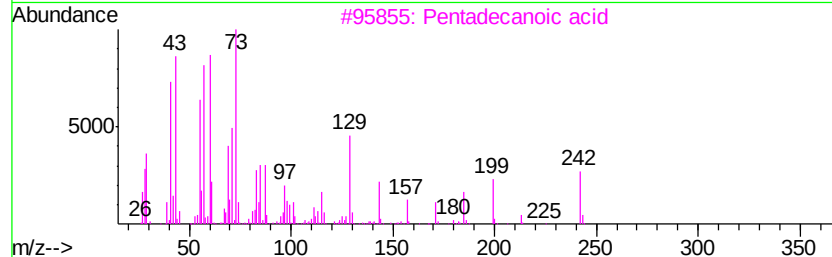
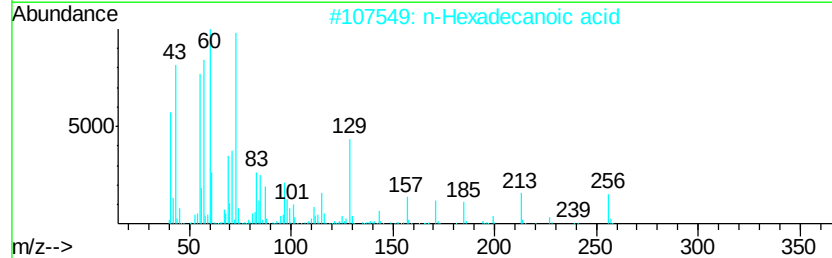
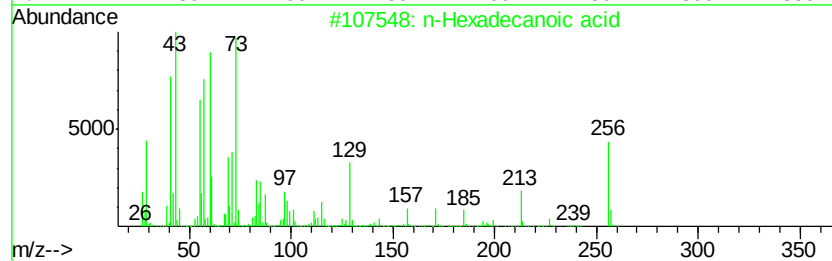
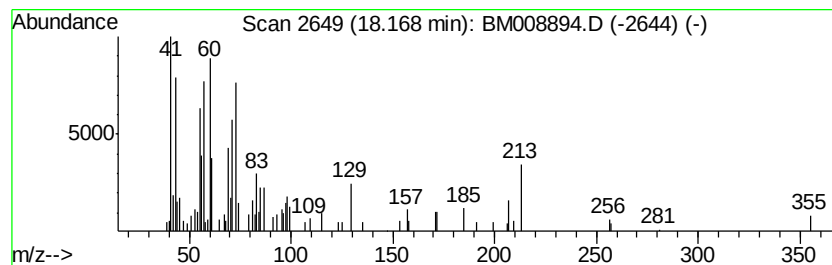
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.60 ng/ul	187979	Phenanthrene-d10	17.31

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	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53



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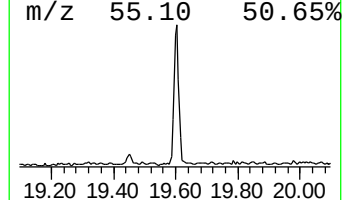
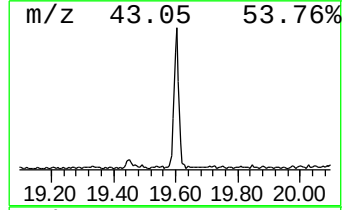
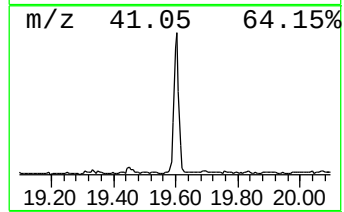
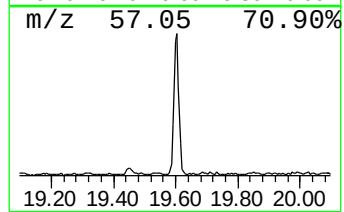
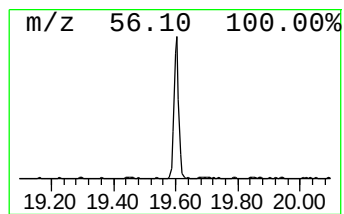
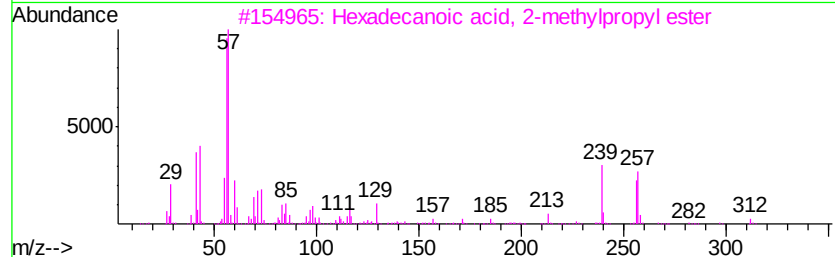
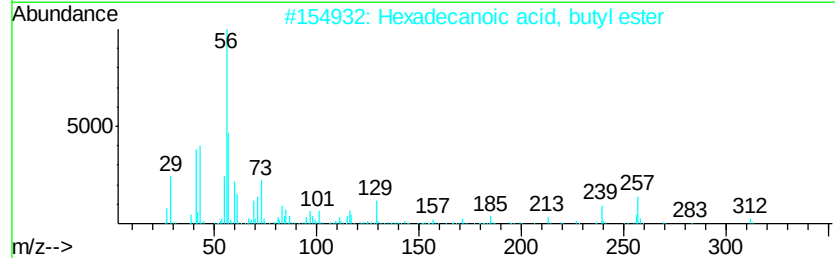
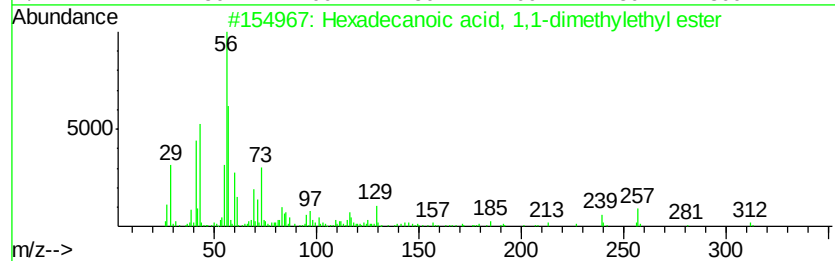
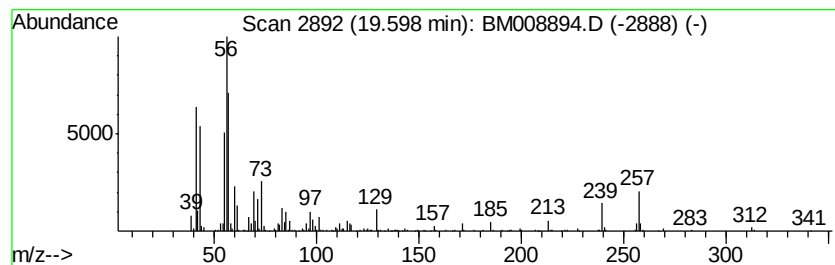
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Peak Number 2 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	12.35 ng/ul	1060690	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
3		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	55
4		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	47
5		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38



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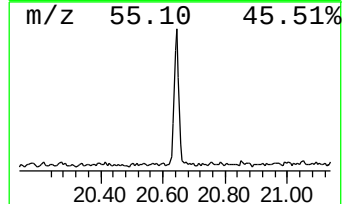
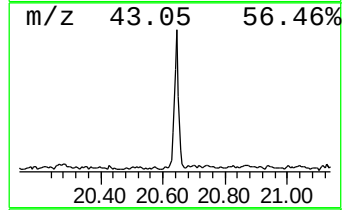
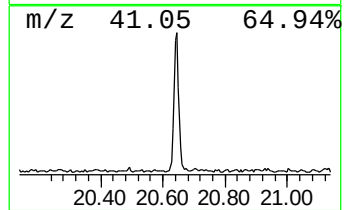
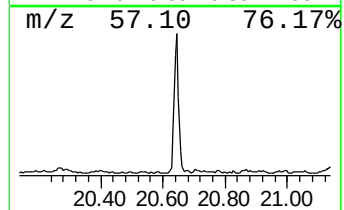
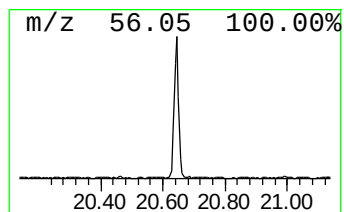
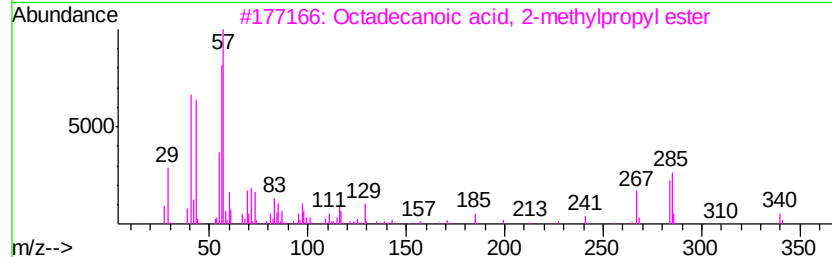
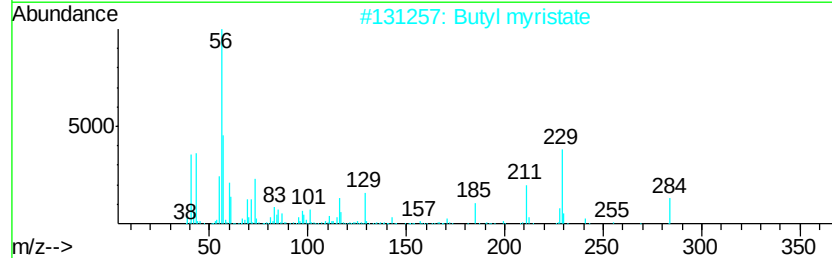
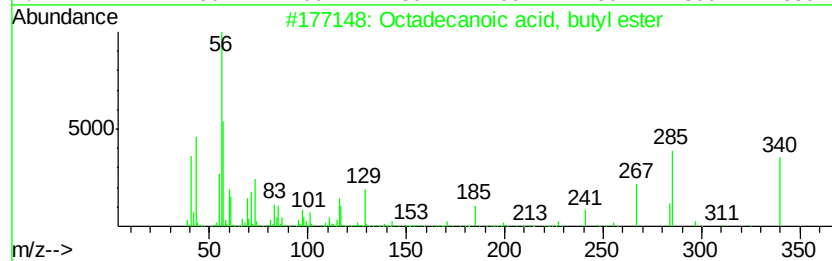
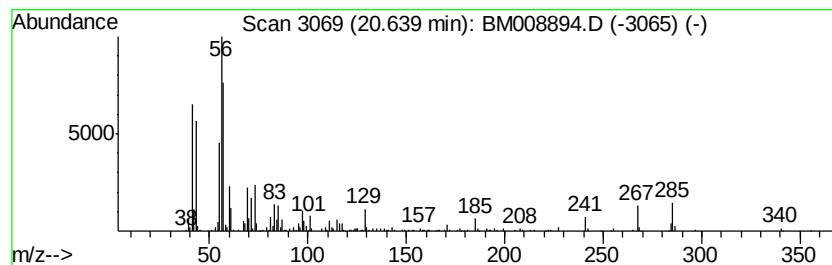
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Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	10.38 ng/ul	891577	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
2		Butyl myristate	284	C18H36O2	000110-36-1	64
3		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	49
4		Docosanoic acid	340	C22H44O2	000112-85-6	38
5		4-Aminocyclohexanol acetate (ester)	157	C8H15NO2	1000130-62-8	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.17	2.6	ng/ul	187979	4	17.31	1448060	20.0
Hexadecanoic acid...	19.60	12.4	ng/ul	1060690	5	21.47	1717680	20.0
Octadecanoic acid...	20.64	10.4	ng/ul	891577	5	21.47	1717680	20.0