

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010493.D
 Acq On : 10 Jun 2017 19:46
 Operator : SJ/MA
 Sample : I3522-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C34

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-BM052717.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	7.081	672	679	690	rBV	553211	945321	18.70%	1.776%
2	7.234	698	705	714	rBV	371623	585092	11.57%	1.099%
3	7.434	732	739	746	rBV	630838	1003083	19.84%	1.884%
4	7.892	811	817	827	rBV	782844	1210417	23.94%	2.274%
5	8.616	933	940	949	rBV	666071	1106456	21.88%	2.079%
6	9.081	1008	1019	1027	rBV	530832	887332	17.55%	1.667%
7	9.792	1132	1140	1152	rBV2	533225	900808	17.82%	1.692%
8	10.322	1223	1230	1240	rBV	846925	1417581	28.04%	2.663%
9	10.698	1286	1294	1298	rBV	907402	1522563	30.11%	2.860%
10	10.745	1298	1302	1312	rVB	347096	602330	11.91%	1.132%
11	10.863	1314	1322	1333	rBV2	669859	1189976	23.54%	2.235%
12	12.351	1570	1575	1581	rVB3	63628	115752	2.29%	0.217%
13	12.574	1607	1613	1619	rBV3	38957	66534	1.32%	0.125%
14	13.369	1742	1748	1754	rBV5	27240	55831	1.10%	0.105%
15	13.945	1839	1846	1850	rBV	1566025	2170596	42.93%	4.078%
16	13.992	1850	1854	1865	rVB	922454	1202361	23.78%	2.259%
17	14.227	1888	1894	1903	rBV	1515897	2270949	44.92%	4.266%
18	14.433	1923	1929	1938	rVV3	71618	172190	3.41%	0.323%
19	14.533	1940	1946	1953	rVV2	1446139	2164107	42.80%	4.065%
20	14.592	1953	1956	1961	rVB2	70065	103574	2.05%	0.195%
21	14.774	1979	1987	1997	rBV	593804	1007146	19.92%	1.892%
22	14.933	2008	2014	2018	rBV	96762	159648	3.16%	0.300%
23	15.045	2028	2033	2039	rVB4	28337	58123	1.15%	0.109%
24	15.315	2076	2079	2083	rBV4	40538	54622	1.08%	0.103%
25	15.521	2108	2114	2120	rBV	2108877	2962558	58.60%	5.565%
26	15.580	2120	2124	2130	rVB2	108210	154989	3.07%	0.291%
27	15.651	2130	2136	2142	rBV	648540	907852	17.96%	1.705%
28	16.098	2204	2212	2216	rBV9	24477	53234	1.05%	0.100%
29	16.174	2222	2225	2232	rBV6	40111	68122	1.35%	0.128%
30	17.280	2405	2413	2417	rBV	2036933	2779976	54.99%	5.222%
31	17.321	2417	2420	2424	rVV	308304	433288	8.57%	0.814%
32	17.380	2424	2430	2441	rVB	2492297	3565700	70.53%	6.698%
33	17.698	2475	2484	2490	rBV3	223228	385435	7.62%	0.724%
34	18.127	2552	2557	2563	rBV3	325300	495905	9.81%	0.932%

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35	19.327	2758	2761	2766	rVB	114405	154160	3.05%	0.290%
36	19.398	2769	2773	2779	rBV4	222308	304916	6.03%	0.573%
37	19.533	2792	2796	2805	rVB	1275591	1531484	30.29%	2.877%
38	19.668	2813	2819	2831	rBV	3301427	4545660	89.91%	8.539%
39	20.574	2970	2973	2977	rVB	811041	858887	16.99%	1.613%
40	21.097	3060	3062	3068	rBV5	110928	165972	3.28%	0.312%
41	21.444	3116	3121	3126	rBV	3167361	3965274	78.43%	7.449%
42	23.633	3487	3493	3505	rVB	2673151	5055838	100.00%	9.498%
43	23.786	3513	3519	3528	rVB	1989316	3871206	76.57%	7.272%

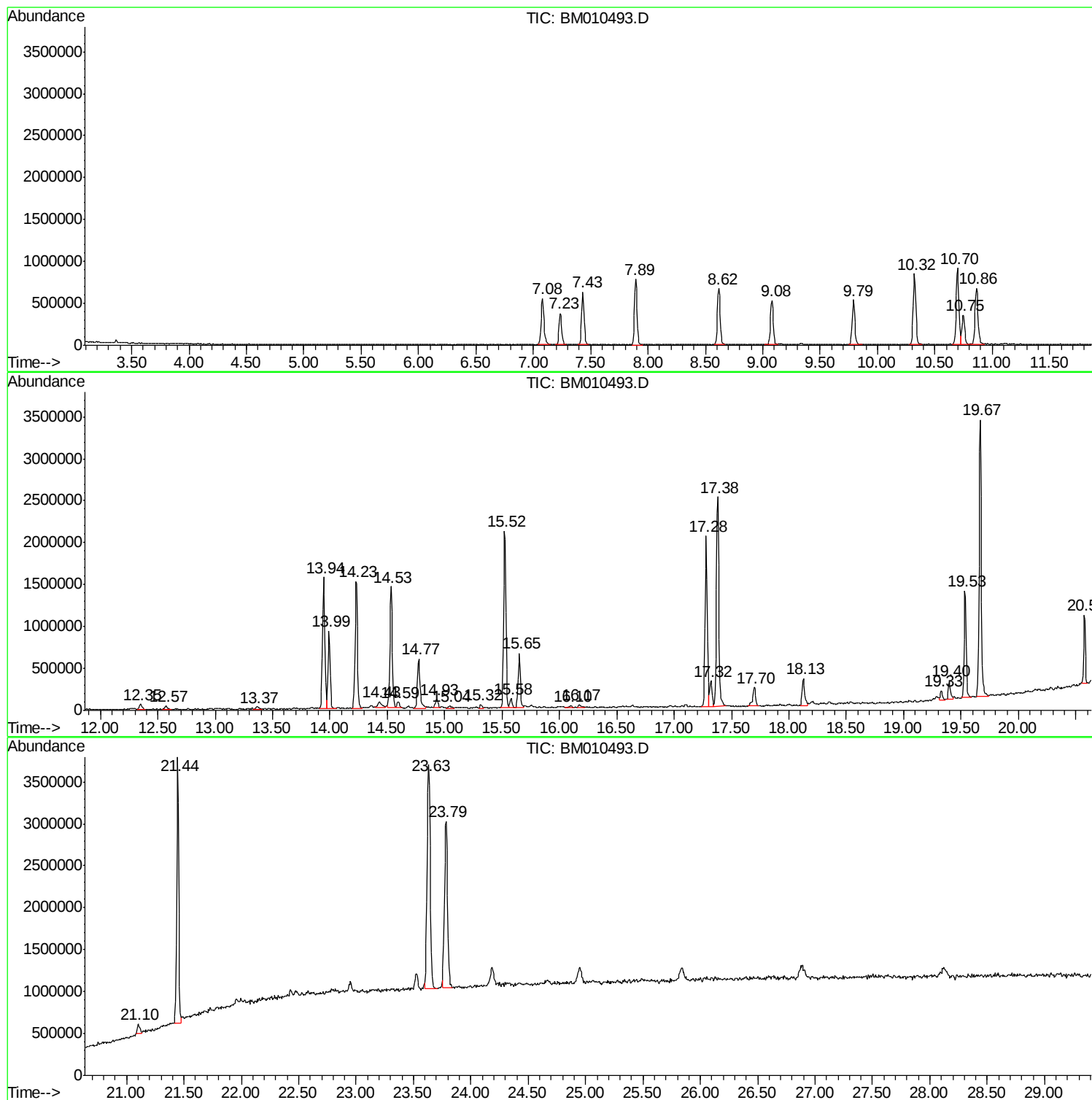
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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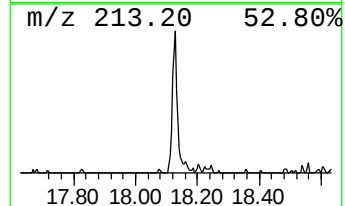
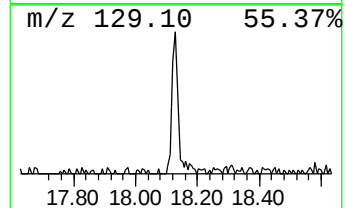
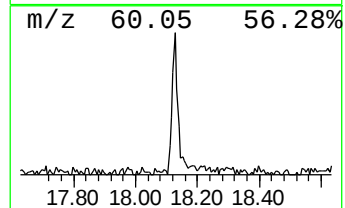
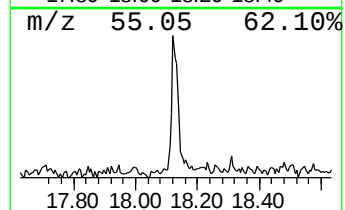
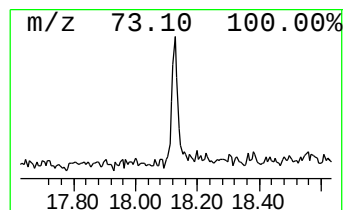
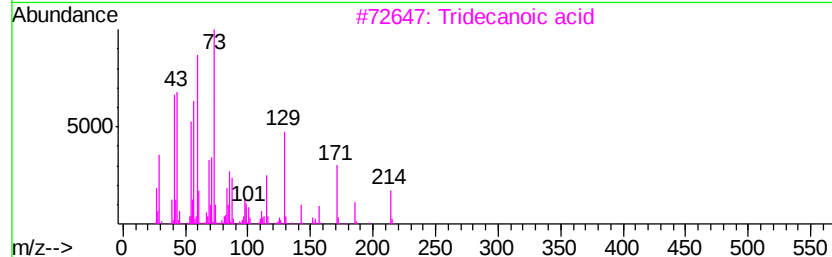
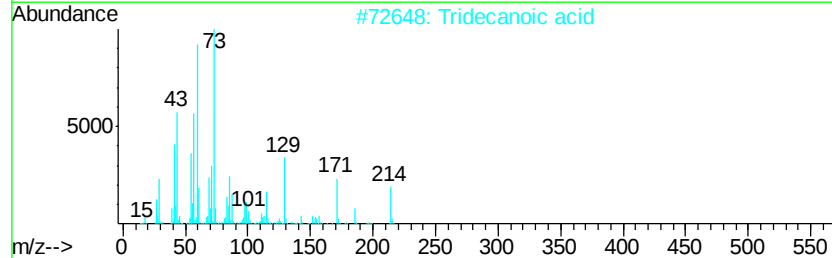
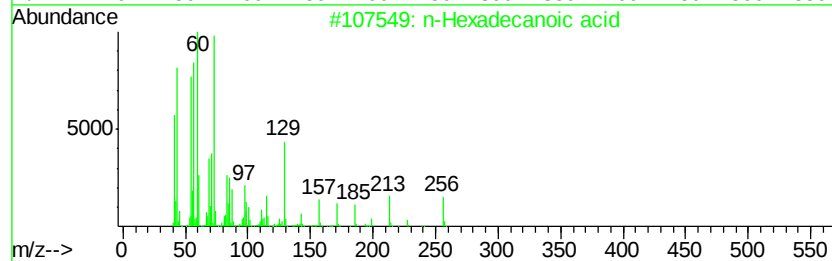
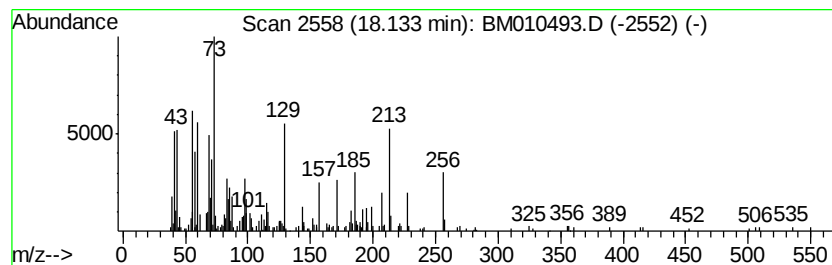
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.13	3.57 ng/ul	495905	Phenanthrene-d10		17.28		
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	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	83
4			Tridecanoic acid	214	C13H26O2	000638-53-9	78
5			Tridecanoic acid	214	C13H26O2	000638-53-9	70



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Instrument :
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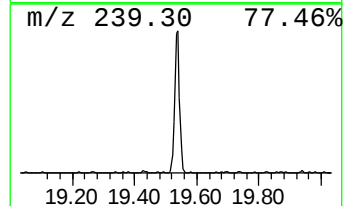
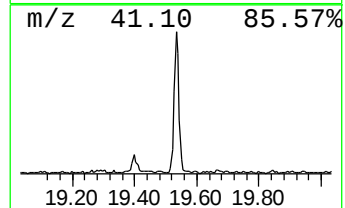
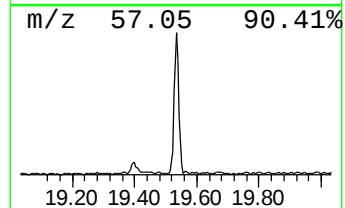
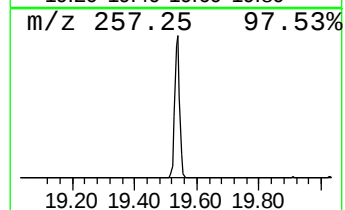
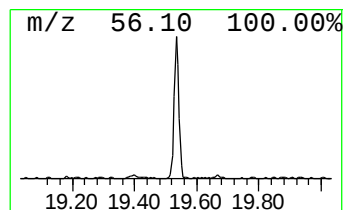
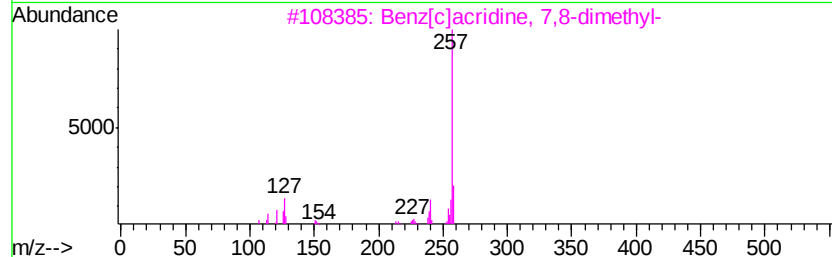
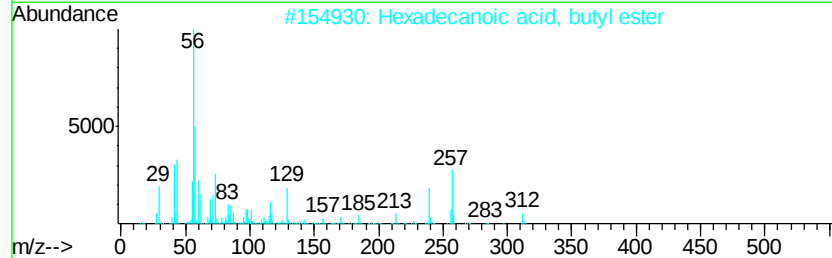
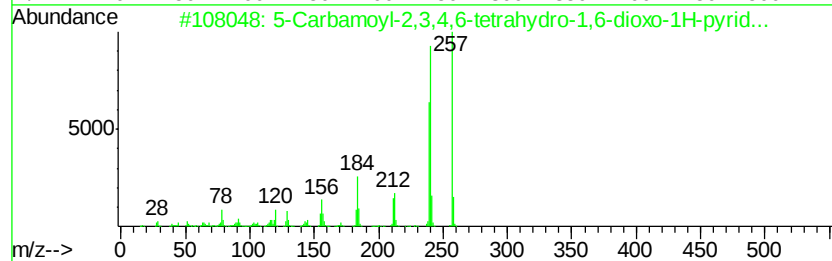
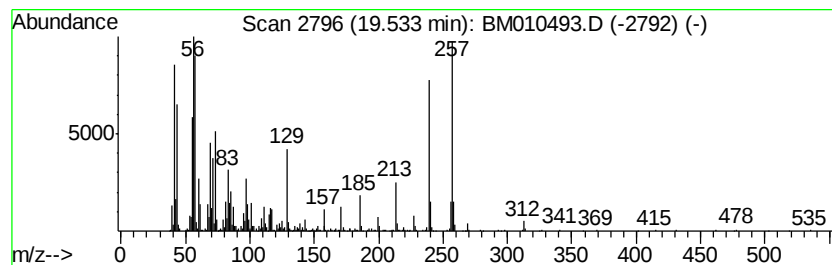
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Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	7.72 ng/ul	1531480	Chrysene-d12	21.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Carbamoyl-2,3,4,6-tetrahydro-1...	257	C13H11N3O3	1000241-45-9	38
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	30
3		Benz[c]acridine, 7,8-dimethyl-	257	C19H15N	003518-01-2	27
4		Butyl 4,8,12-trimethyl-tridecanoate	312	C20H40O2	1000336-63-2	25
5		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	25



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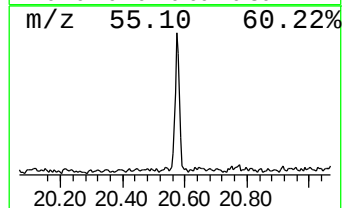
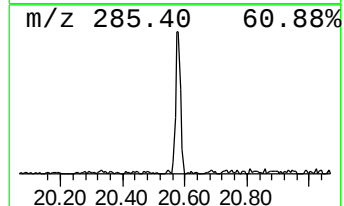
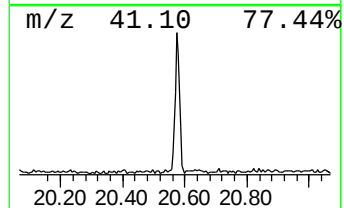
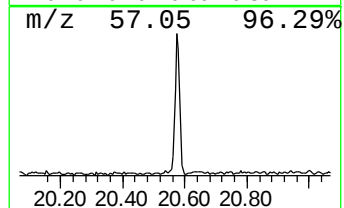
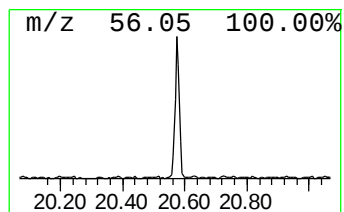
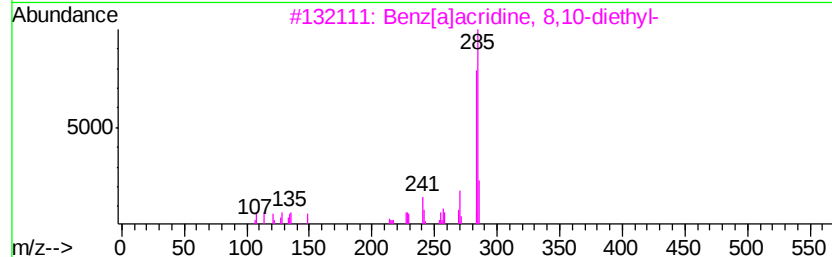
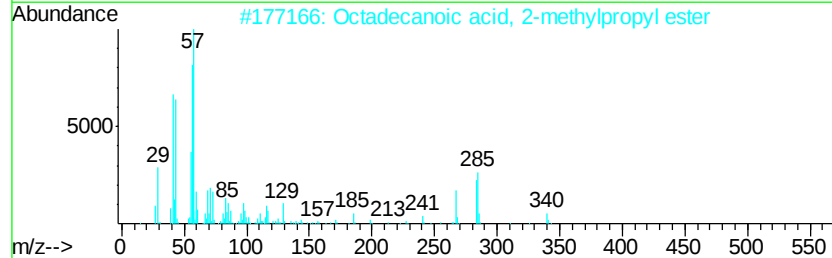
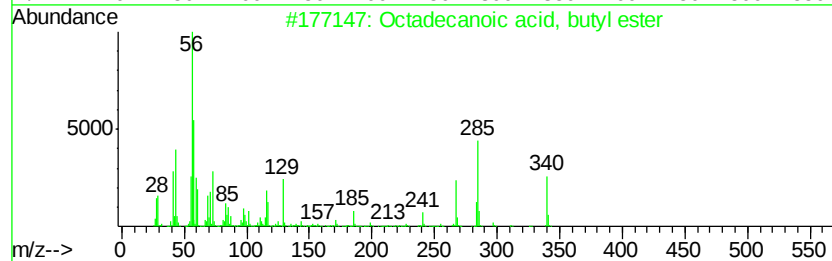
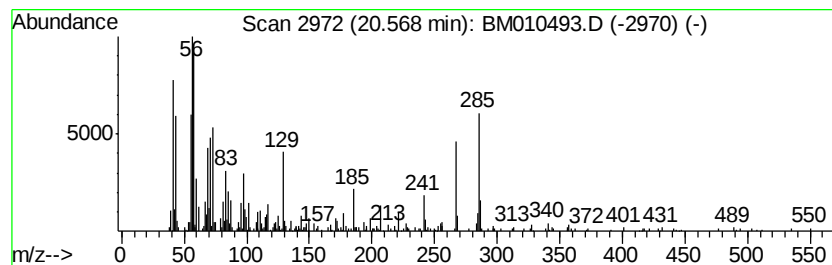
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Peak Number 3 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	4.33 ng/ul	858887	Chrysene-d12	21.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	47
2		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	43
3		Benz[a]acridine, 8,10-diethyl-	285	C21H19N	003518-07-8	38
4		4-(Acridin-9-yl)-1,2-benzenediamine	285	C19H15N3	1000326-84-8	30
5		Octadecanoic acid	284	C18H36O2	000057-11-4	25



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.13	3.6	ng/ul	495905	4	17.28	2779980	20.0
unknown-01	19.53	7.7	ng/ul	1531480	5	21.44	3965270	20.0
unknown-02	20.57	4.3	ng/ul	858887	5	21.44	3965270	20.0