

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013771.D
 Acq On : 24 Jan 2018 17:03
 Operator : SJ/JU
 Sample : J1223-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A70

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-BM011018.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	6.781	639	645	658	rVB2	618929	1121940	30.34%	2.886%
2	6.945	667	673	684	rVB	451899	712166	19.26%	1.832%
3	7.134	697	705	714	rBV	647208	1026699	27.77%	2.641%
4	7.598	777	784	792	rBV	449036	729204	19.72%	1.876%
5	8.310	899	905	916	rBV	751673	1237399	33.47%	3.183%
6	8.751	973	980	991	rBV	623127	1010974	27.34%	2.601%
7	9.469	1094	1102	1114	rBV	529478	914095	24.72%	2.352%
8	10.004	1186	1193	1207	rBV	747298	1304785	35.29%	3.357%
9	10.369	1248	1255	1261	rBV	570783	952340	25.76%	2.450%
10	10.422	1261	1264	1272	rVB2	33225	58605	1.59%	0.151%
11	10.522	1272	1281	1297	rBV	645514	1162882	31.45%	2.992%
12	12.051	1535	1541	1546	rBV2	34016	60323	1.63%	0.155%
13	13.669	1808	1816	1820	rBV	1352981	1886306	51.02%	4.853%
14	13.716	1820	1824	1833	rVB	369051	525689	14.22%	1.352%
15	13.939	1853	1862	1871	rBV	1596597	2264891	61.26%	5.826%
16	14.157	1895	1899	1906	rVB2	40865	56381	1.52%	0.145%
17	14.251	1906	1915	1922	rBV2	797343	1235439	33.41%	3.178%
18	14.474	1947	1953	1972	rBV	492911	944112	25.53%	2.429%
19	14.657	1980	1984	1989	rBV2	31968	44681	1.21%	0.115%
20	15.110	2058	2061	2066	rVB3	52159	70364	1.90%	0.181%
21	15.251	2078	2085	2091	rBV	1790166	2636211	71.30%	6.782%
22	15.304	2091	2094	2100	rVB2	31419	46141	1.25%	0.119%
23	15.386	2103	2108	2119	rBV	511126	795022	21.50%	2.045%
24	15.486	2121	2125	2136	rVB9	21948	52134	1.41%	0.134%
25	15.980	2205	2209	2215	rBV2	55081	93317	2.52%	0.240%
26	16.668	2321	2326	2331	rBV5	28448	39992	1.08%	0.103%
27	17.004	2375	2383	2388	rBV	1090493	1532464	41.45%	3.942%
28	17.045	2388	2390	2394	rVV	69152	85022	2.30%	0.219%
29	17.104	2394	2400	2410	rVB	2044407	2933981	79.35%	7.548%
30	17.421	2446	2454	2458	rBV	53846	80800	2.19%	0.208%
31	17.909	2532	2537	2546	rBV2	377068	559433	15.13%	1.439%
32	19.051	2726	2731	2732	rBV3	25497	38559	1.04%	0.099%
33	19.127	2739	2744	2749	rVV	276068	344560	9.32%	0.886%
34	19.198	2751	2756	2766	rBV	392597	633775	17.14%	1.630%

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35	19.404	2785	2791	2798	rBV	2661992	3462044	93.63%	8.906%
36	19.462	2799	2801	2807	rVB7	29557	37835	1.02%	0.097%
37	20.927	3045	3050	3057	rBV	508401	719096	19.45%	1.850%
38	21.203	3092	3097	3103	rBV	1527934	1921733	51.97%	4.944%
39	23.256	3440	3446	3455	rVB2	1935795	3697446	100.00%	9.512%
40	23.397	3464	3470	3482	rVB2	973609	1843909	49.87%	4.743%

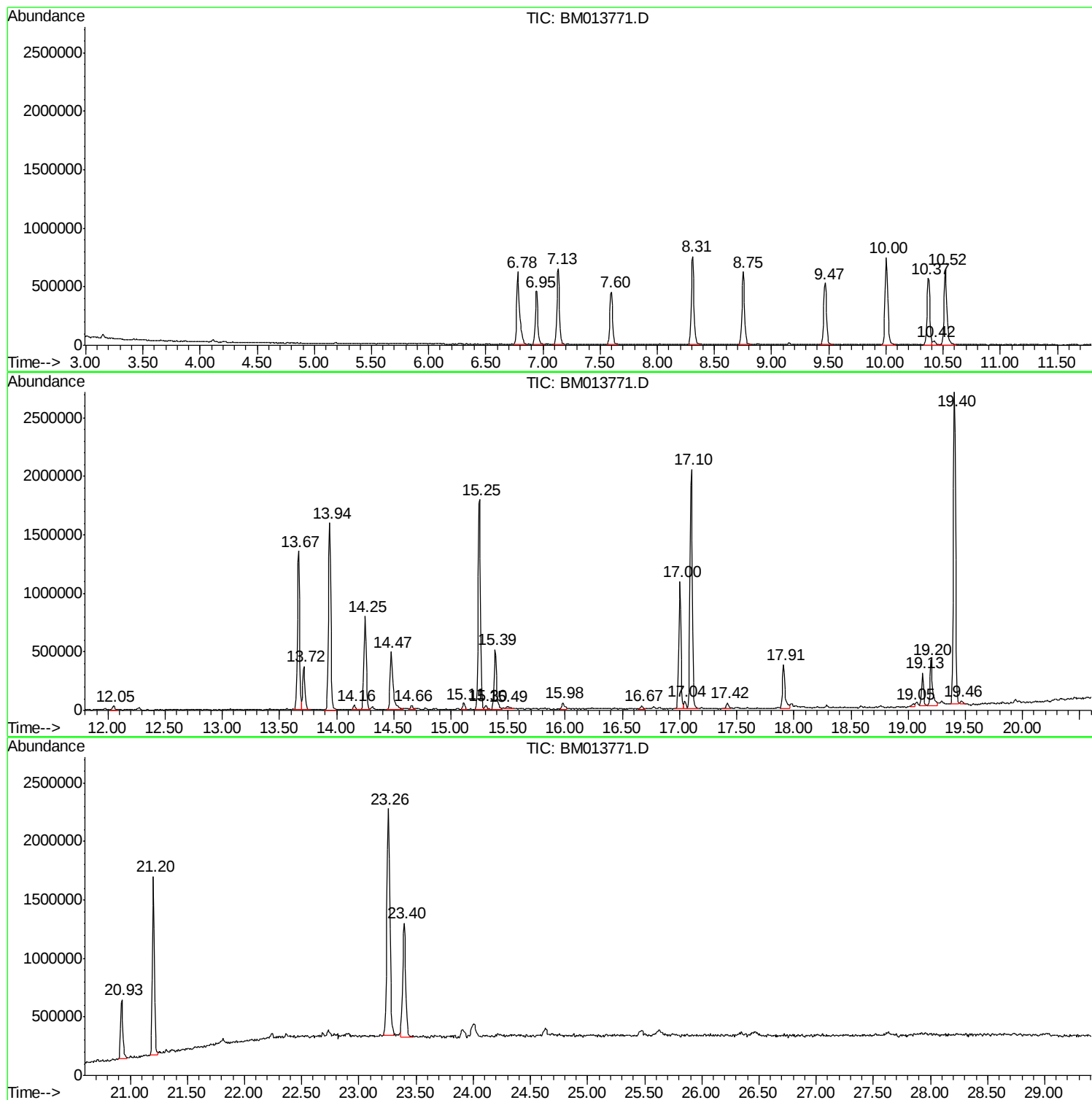
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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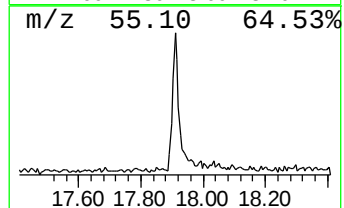
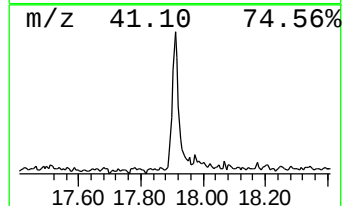
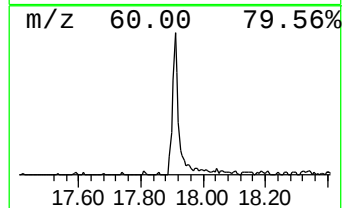
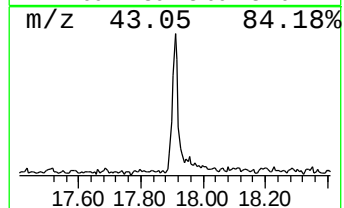
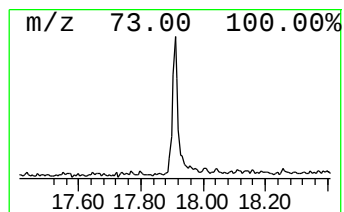
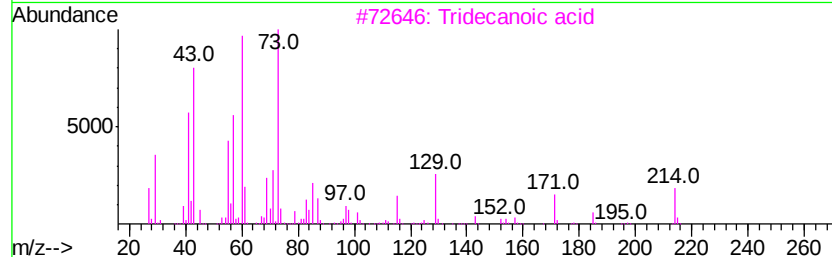
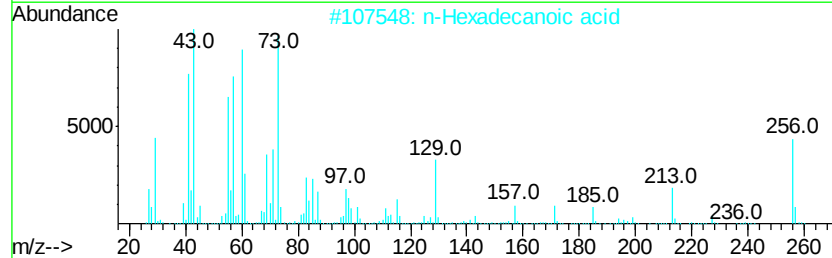
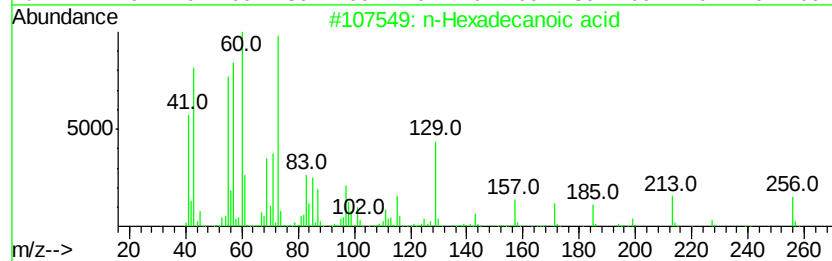
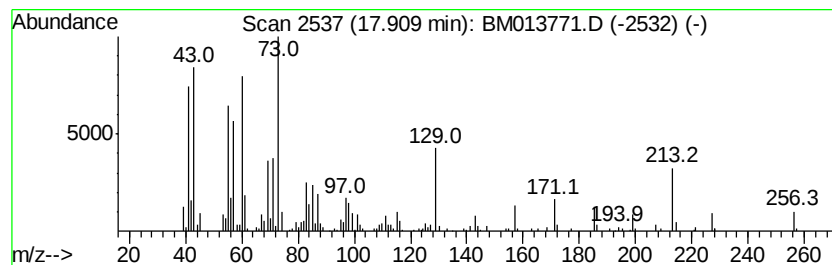
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	7.30 ng/ul	559433	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3			Tridecanoic acid	214	C13H26O2	000638-53-9	93
4			Tridecanoic acid	214	C13H26O2	000638-53-9	90
5			Tridecanoic acid	214	C13H26O2	000638-53-9	90



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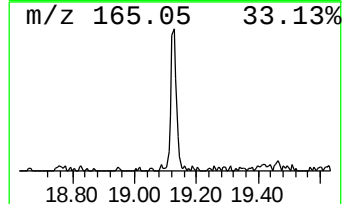
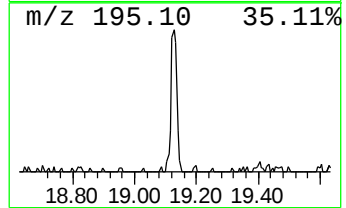
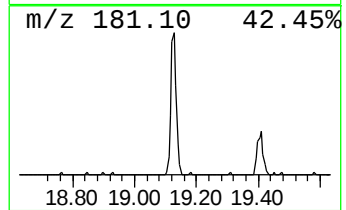
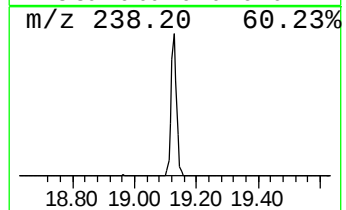
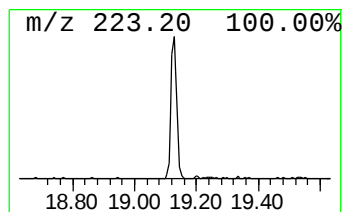
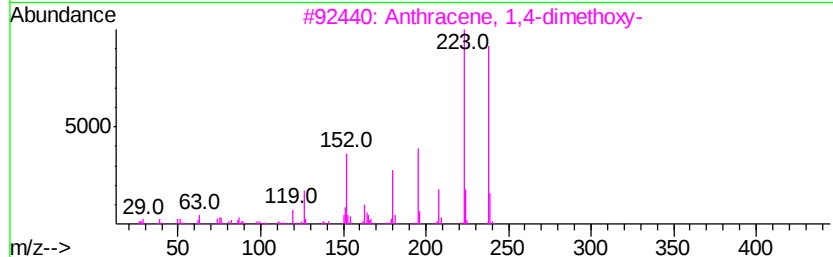
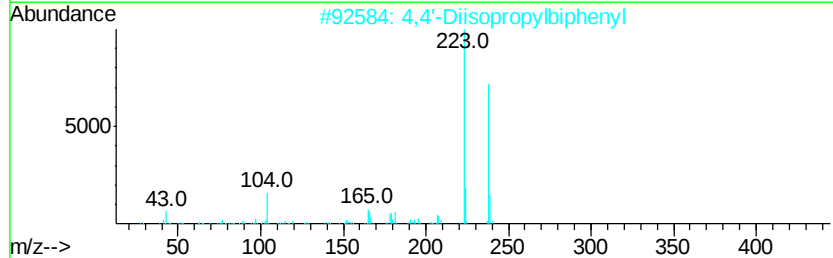
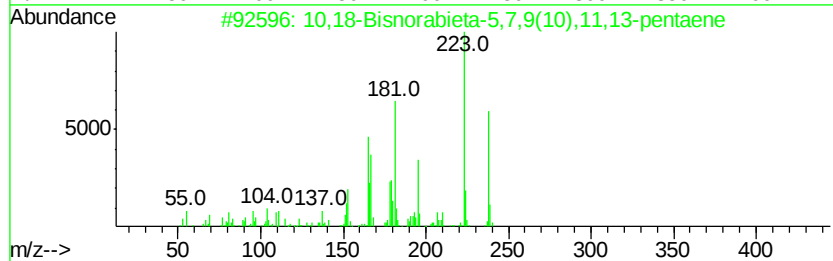
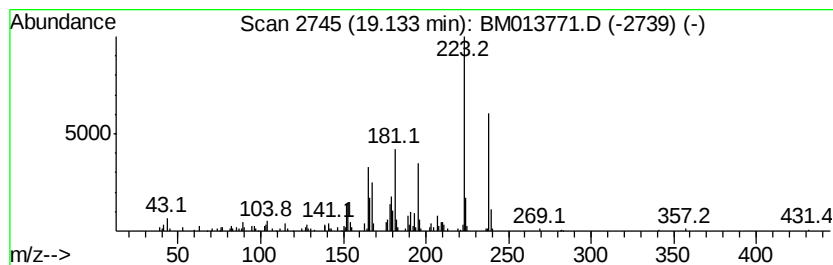
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 10,18-Bisnorabieta-5,7,9(10)... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	3.59 ng/ul	344560	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	91
2		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55
3		Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	50
4		3,3'-Diacetylbiiphenyl	238	C16H14O2	094113-07-2	45
5		Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	45



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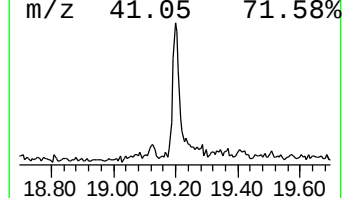
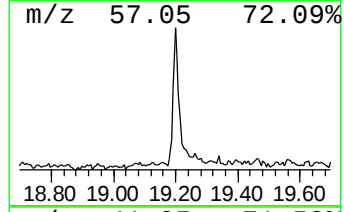
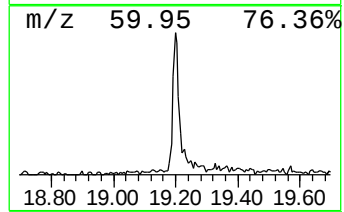
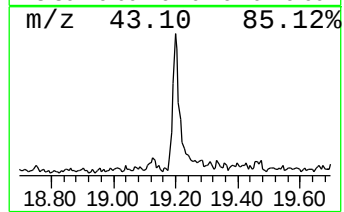
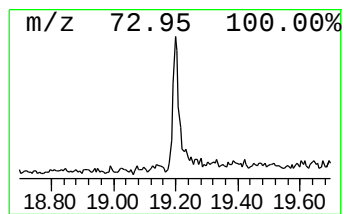
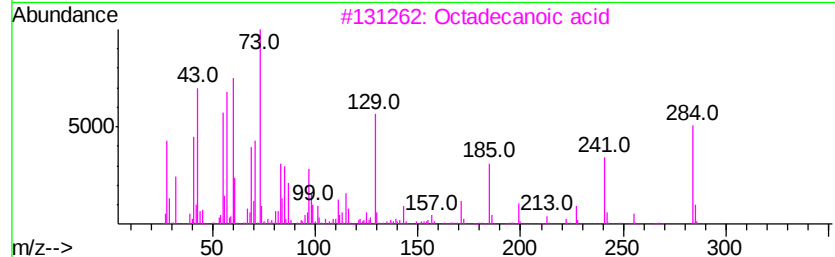
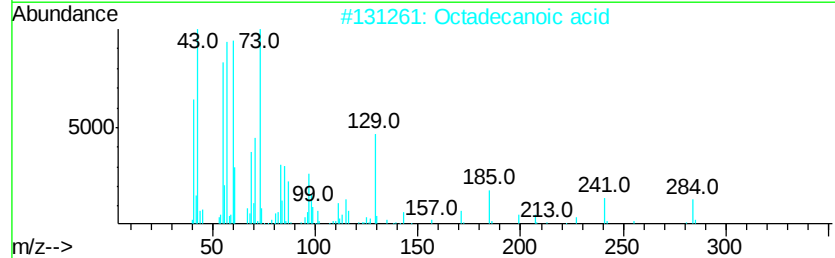
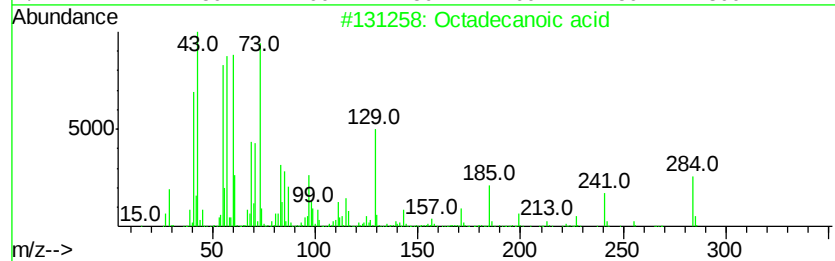
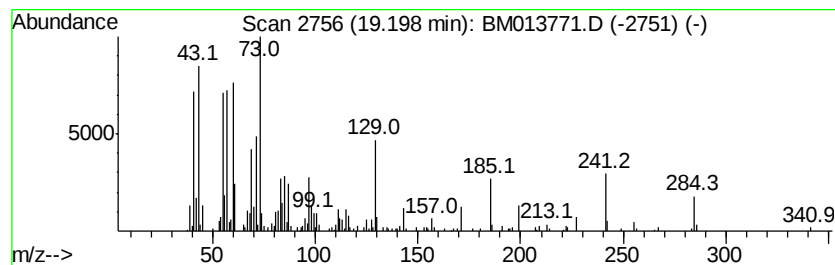
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	6.60 ng/ul	633775	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	97
5		Octadecanoic acid	284	C18H36O2	000057-11-4	93



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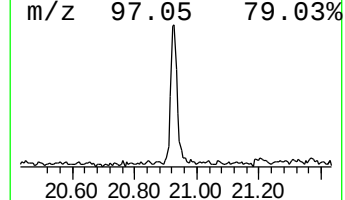
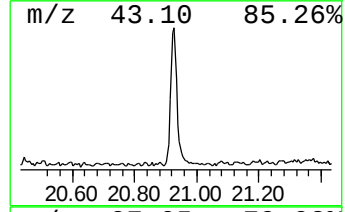
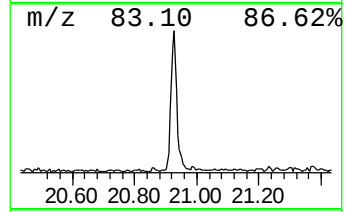
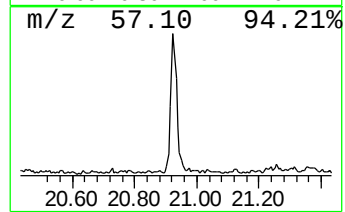
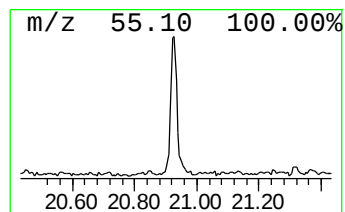
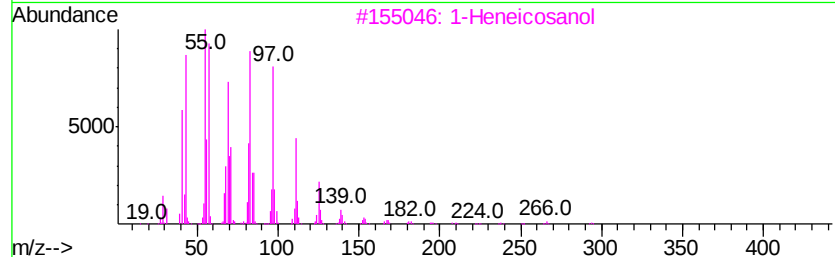
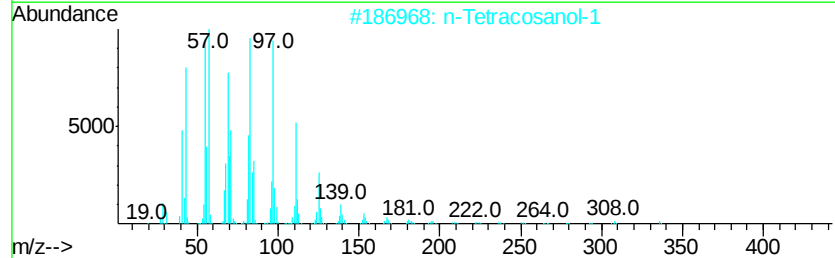
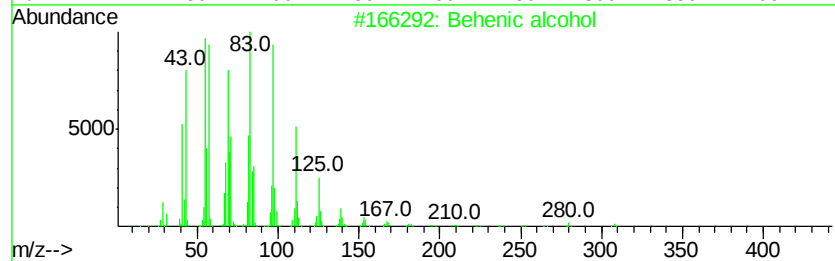
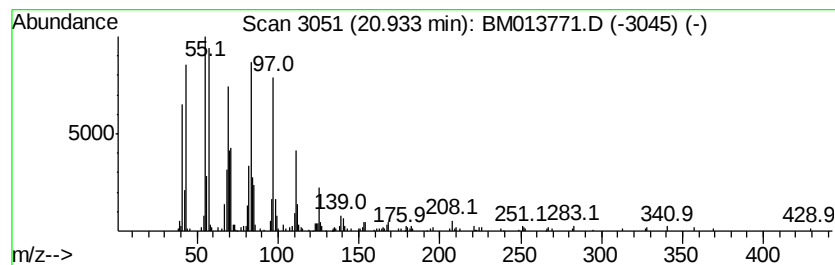
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	7.48 ng/ul	719096	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.91	7.3	ng/ul	559433	4	17.00	1532460	20.0
10,18-Bisnorabiet...	19.13	3.6	ng/ul	344560	5	21.20	1921730	20.0
Octadecanoic acid	19.20	6.6	ng/ul	633775	5	21.20	1921730	20.0
Behenic alcohol	20.93	7.5	ng/ul	719096	5	21.20	1921730	20.0