

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013772.D
 Acq On : 24 Jan 2018 17:39
 Operator : SJ/JU
 Sample : J1223-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A72

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	3.152	24	28	37	rVB2	39634	67412	1.60%	0.158%
2	6.781	639	645	660	rVB	686456	1222359	29.03%	2.861%
3	6.940	666	672	682	rBV	508915	785276	18.65%	1.838%
4	7.134	698	705	712	rBV	719797	1143414	27.16%	2.676%
5	7.599	776	784	792	rBV	480254	773012	18.36%	1.809%
6	8.310	898	905	916	rBV	863113	1412130	33.54%	3.305%
7	8.751	973	980	989	rBV	671717	1120122	26.60%	2.621%
8	9.151	1041	1048	1054	rBV4	24104	44879	1.07%	0.105%
9	9.469	1094	1102	1111	rBV	606737	1025290	24.35%	2.399%
10	10.004	1185	1193	1203	rBV	854673	1485303	35.28%	3.476%
11	10.369	1248	1255	1261	rBV	622350	1048481	24.90%	2.454%
12	10.422	1261	1264	1269	rVB	76243	110961	2.64%	0.260%
13	10.522	1273	1281	1292	rBV	736368	1356576	32.22%	3.175%
14	12.045	1534	1540	1546	rBV3	63554	107915	2.56%	0.253%
15	12.269	1567	1578	1584	rBV4	38553	78876	1.87%	0.185%
16	13.669	1806	1816	1820	rBV	1627729	2254953	53.56%	5.277%
17	13.716	1820	1824	1831	rVB	291540	410963	9.76%	0.962%
18	13.939	1855	1862	1874	rVB	1806777	2603353	61.83%	6.092%
19	14.157	1893	1899	1906	rVB2	47656	70916	1.68%	0.166%
20	14.251	1908	1915	1922	rVV2	882125	1374789	32.65%	3.217%
21	14.475	1946	1953	1968	rBV	574665	1084204	25.75%	2.537%
22	15.110	2058	2061	2067	rVB2	72201	88804	2.11%	0.208%
23	15.245	2078	2084	2091	rBV	2163309	3102134	73.68%	7.260%
24	15.386	2101	2108	2119	rBV	620910	950675	22.58%	2.225%
25	15.980	2204	2209	2215	rBV4	70381	120441	2.86%	0.282%
26	16.663	2321	2325	2334	rVB8	32880	54314	1.29%	0.127%
27	16.774	2339	2344	2346	rBV3	35808	45027	1.07%	0.105%
28	17.004	2376	2383	2388	rBV	1222656	1679861	39.90%	3.931%
29	17.104	2393	2400	2411	rVV2	2366464	3423324	81.31%	8.011%
30	17.416	2443	2453	2459	rBV	59338	97955	2.33%	0.229%
31	17.910	2532	2537	2546	rBV2	256745	413078	9.81%	0.967%
32	19.039	2726	2729	2734	rBV2	31784	52945	1.26%	0.124%
33	19.127	2739	2744	2749	rVB	143811	192008	4.56%	0.449%
34	19.198	2749	2756	2767	rBV2	249674	439577	10.44%	1.029%

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35	19.404	2785	2791	2798	rBV	3025697	3998321	94.97%	9.357%
36	20.921	3046	3049	3057	rBV2	158804	220790	5.24%	0.517%
37	21.204	3092	3097	3103	rBV	1649332	2089257	49.62%	4.889%
38	23.262	3440	3447	3458	rVB2	2304714	4210229	100.00%	9.853%
39	23.398	3463	3470	3479	rVB	1014081	1970543	46.80%	4.612%

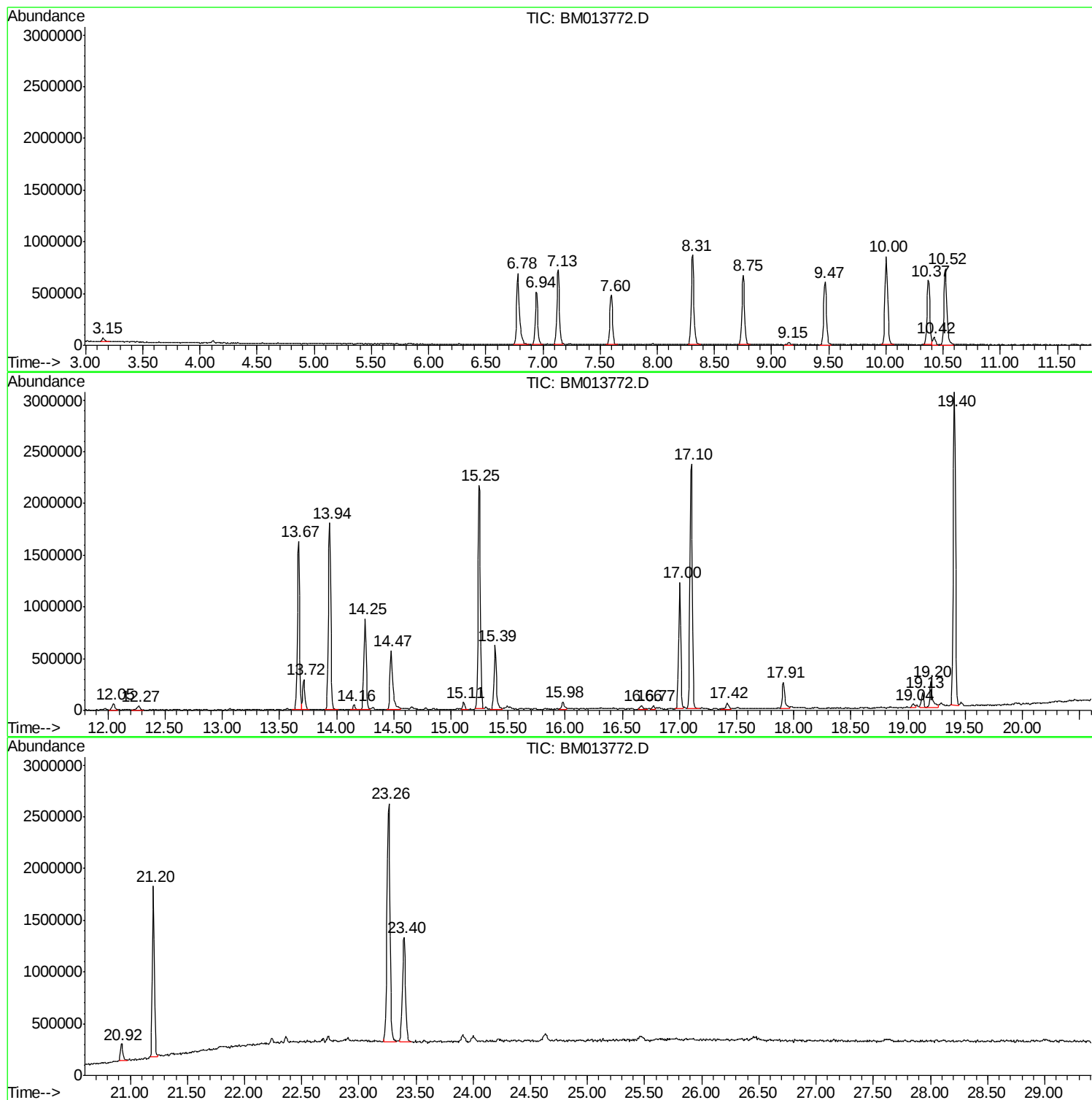
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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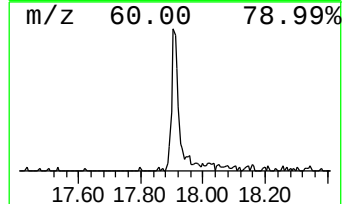
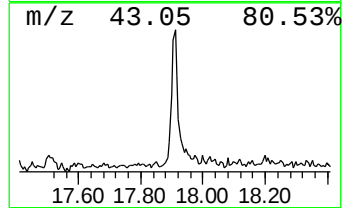
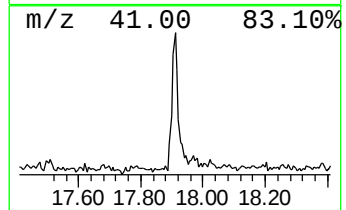
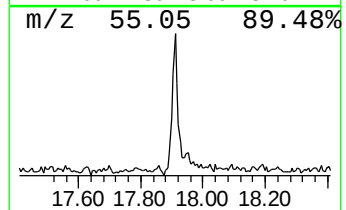
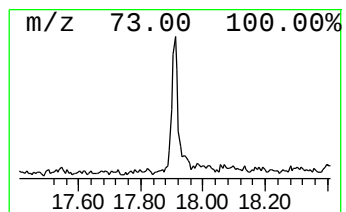
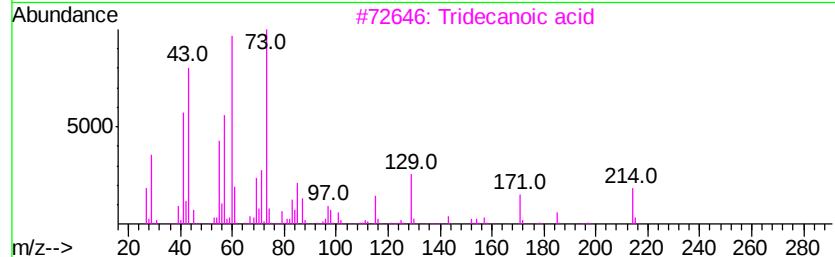
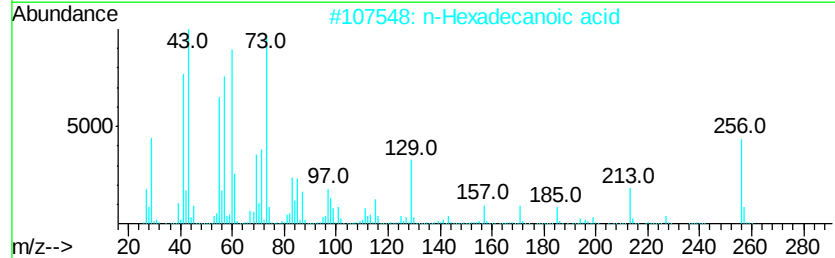
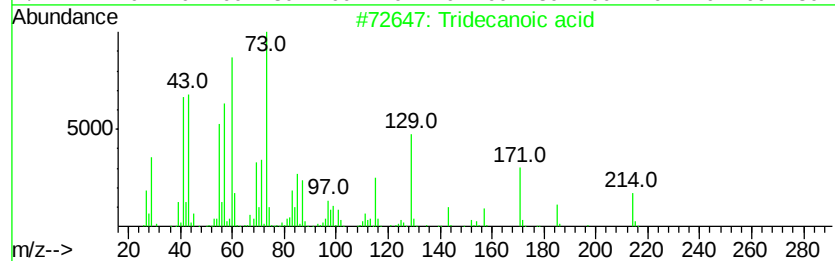
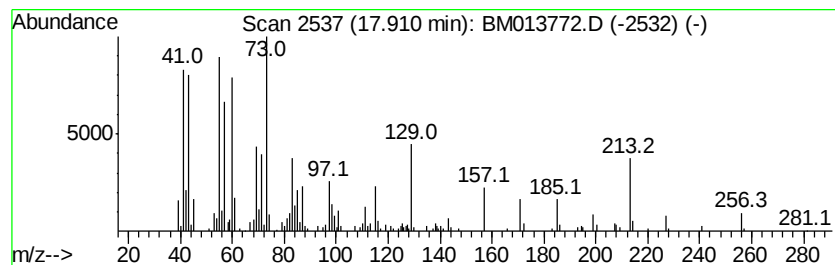
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Peak Number 1 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	4.92 ng/ul	413078	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	86
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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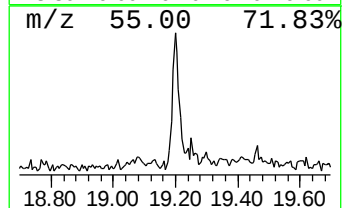
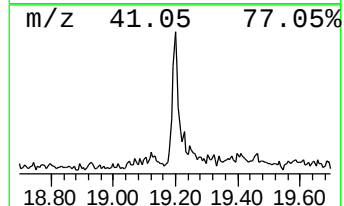
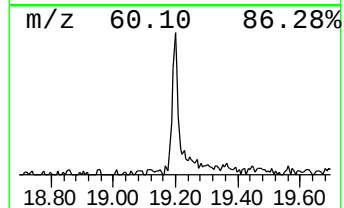
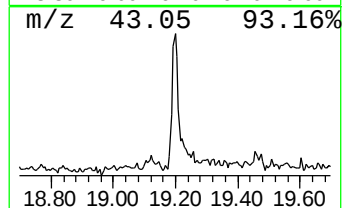
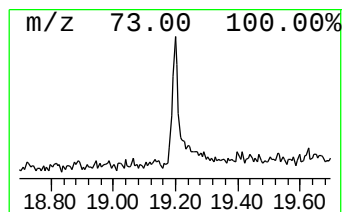
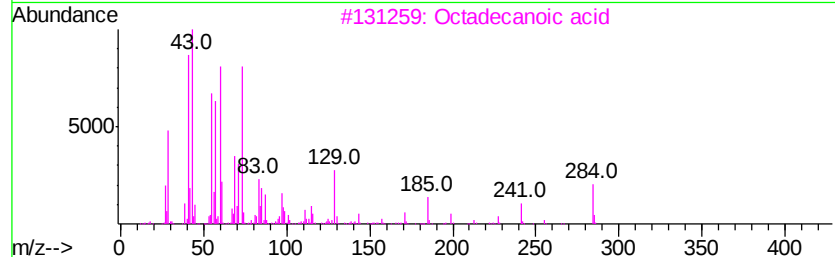
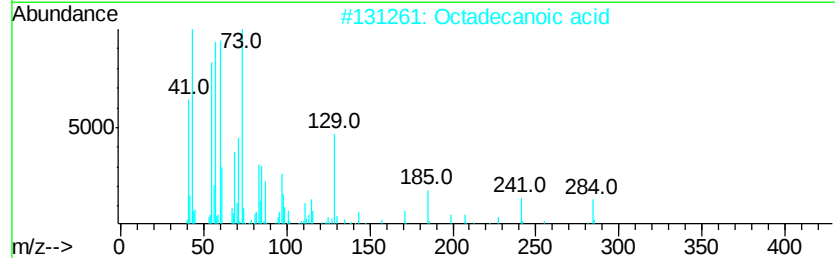
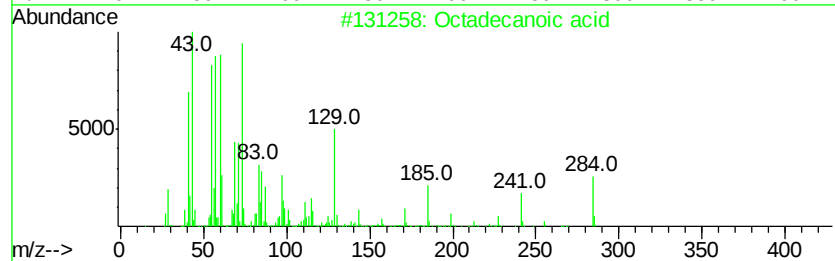
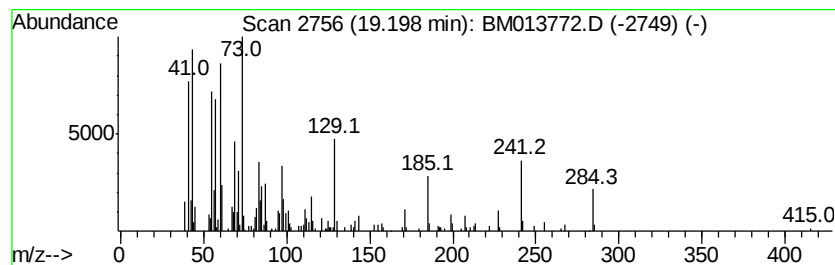
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	4.21 ng/ul	439577	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Octadecanoic acid	284	C18H36O2	000057-11-4	97
3			Octadecanoic acid	284	C18H36O2	000057-11-4	94
4			Octadecanoic acid	284	C18H36O2	000057-11-4	90
5			Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	87



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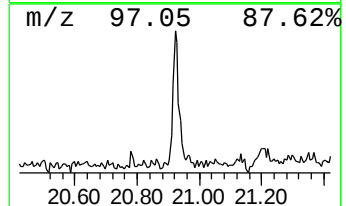
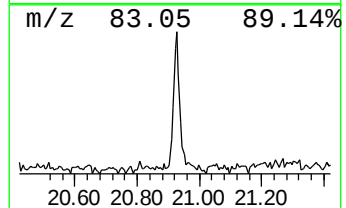
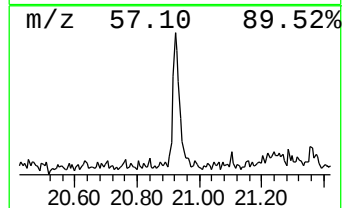
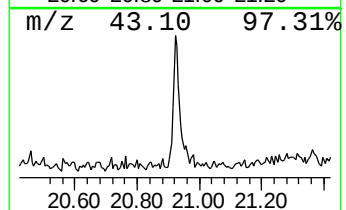
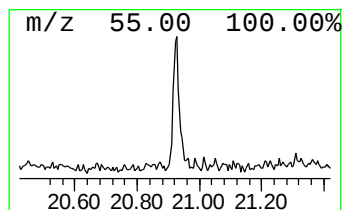
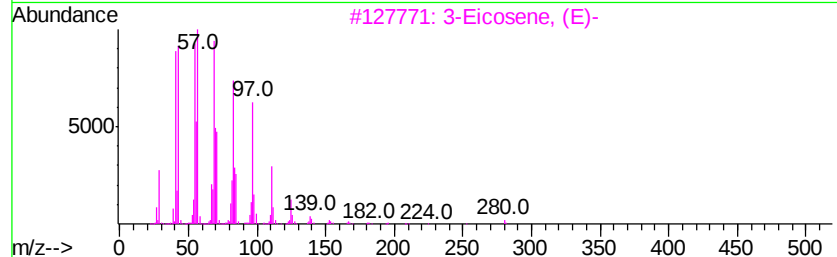
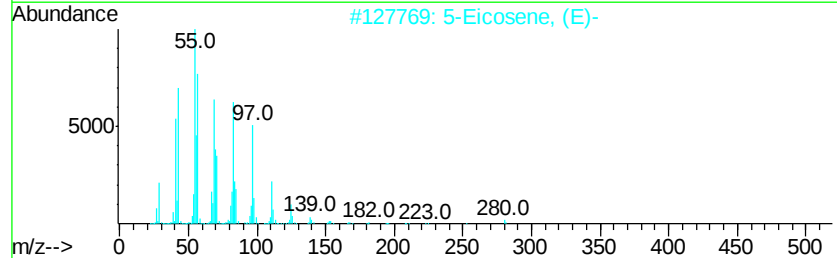
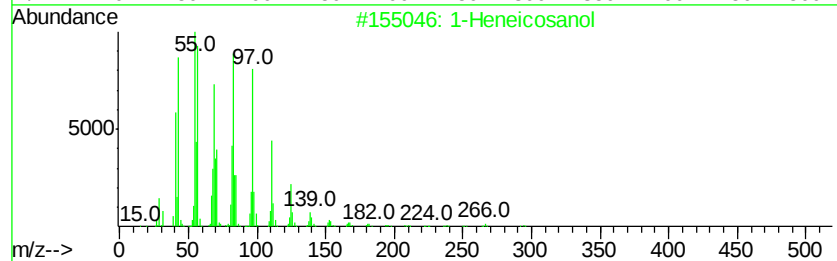
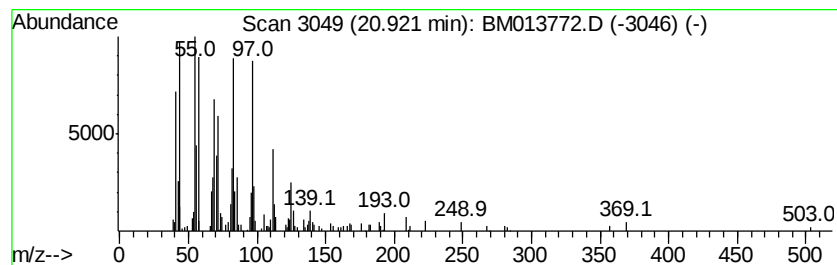
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Peak Number 3 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.11 ng/ul	220790	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	93
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		Behenic alcohol	326	C22H46O	000661-19-8	90
5		Octacosanol	410	C28H58O	000557-61-9	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	17.91	4.9	ng/ul	413078	4	17.00	1679860	20.0
Octadecanoic acid	19.20	4.2	ng/ul	439577	5	21.20	2089260	20.0
1-Heneicosanol	20.92	2.1	ng/ul	220790	5	21.20	2089260	20.0