

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120417\
 Data File : BM013179.D
 Acq On : 04 Dec 2017 22:33
 Operator : SJ/JU
 Sample : I6646-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0270

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-BM113017.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	3.252	24	28	34	rVB3	31591	50688	1.32%	0.099%
2	3.752	108	113	118	rVB	71235	89952	2.34%	0.176%
3	6.881	639	645	658	rVB	794658	1347396	35.04%	2.630%
4	7.046	667	673	681	rBV	574274	882382	22.94%	1.722%
5	7.240	698	706	714	rVB	815881	1260099	32.77%	2.459%
6	7.705	778	785	793	rBV	1157940	1807553	47.00%	3.528%
7	8.410	898	905	914	rBV	857122	1322388	34.39%	2.581%
8	8.857	972	981	991	rBV	767162	1270000	33.02%	2.479%
9	9.569	1096	1102	1109	rBV	633342	1069701	27.82%	2.088%
10	10.110	1187	1194	1202	rBV	1014360	1666937	43.34%	3.253%
11	10.481	1250	1257	1270	rBV	1522115	2604598	67.73%	5.083%
12	10.622	1273	1281	1290	rBV	666674	1149123	29.88%	2.243%
13	13.169	1709	1714	1720	rBV2	31919	47740	1.24%	0.093%
14	13.757	1808	1814	1818	rBV	1759644	2425763	63.08%	4.734%
15	13.804	1818	1822	1831	rVB	349714	494366	12.85%	0.965%
16	14.034	1851	1861	1870	rBV	2007770	2963337	77.05%	5.783%
17	14.251	1890	1898	1903	rBV	63933	82584	2.15%	0.161%
18	14.345	1907	1914	1921	rVV2	2197974	3380787	87.91%	6.598%
19	14.404	1921	1924	1929	rVB	32578	47758	1.24%	0.093%
20	14.551	1941	1949	1961	rBV	632147	1057215	27.49%	2.063%
21	14.698	1970	1974	1979	rBV5	29869	51155	1.33%	0.100%
22	14.769	1983	1986	1990	rVB3	35242	46081	1.20%	0.090%
23	15.204	2056	2060	2064	rVB	75347	97623	2.54%	0.191%
24	15.339	2076	2083	2089	rBV	2539278	3554054	92.42%	6.936%
25	15.398	2089	2093	2097	rVV3	49428	72345	1.88%	0.141%
26	15.457	2097	2103	2110	rVV	546818	772550	20.09%	1.508%
27	16.069	2203	2207	2213	rBV2	57996	89843	2.34%	0.175%
28	16.863	2338	2342	2346	rBV7	22223	38948	1.01%	0.076%
29	16.910	2347	2350	2358	rVB2	21601	39438	1.03%	0.077%
30	17.092	2374	2381	2385	rBV	2572502	3845748	100.00%	7.505%
31	17.127	2385	2387	2392	rVV	209854	281026	7.31%	0.548%
32	17.186	2392	2397	2407	rVV	2539664	3636512	94.56%	7.097%
33	17.992	2526	2534	2542	rBV2	616871	938678	24.41%	1.832%
34	18.151	2557	2561	2565	rBV5	41986	60655	1.58%	0.118%

LSC Area Percent Report

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35	18.469	2611	2615	2618	rBV6	29212	45113	1.17%	0.088%
36	18.504	2618	2621	2628	rVB9	34833	71971	1.87%	0.140%
37	18.886	2681	2686	2690	rBV5	47381	74489	1.94%	0.145%
38	19.145	2723	2730	2739	rVB	274608	482865	12.56%	0.942%
39	19.210	2739	2741	2744	rBV4	31087	38781	1.01%	0.076%
40	19.280	2748	2753	2764	rBV	618020	918927	23.89%	1.793%
41	19.480	2782	2787	2797	rBV	2333536	3544021	92.15%	6.917%
42	20.998	3041	3045	3053	rBV2	487548	700473	18.21%	1.367%
43	21.274	3087	3092	3096	rBV	2181782	2665640	69.31%	5.202%
44	23.362	3441	3447	3452	rBV2	1076000	1987539	51.68%	3.879%
45	23.503	3466	3471	3478	rVB	1172732	2165042	56.30%	4.225%

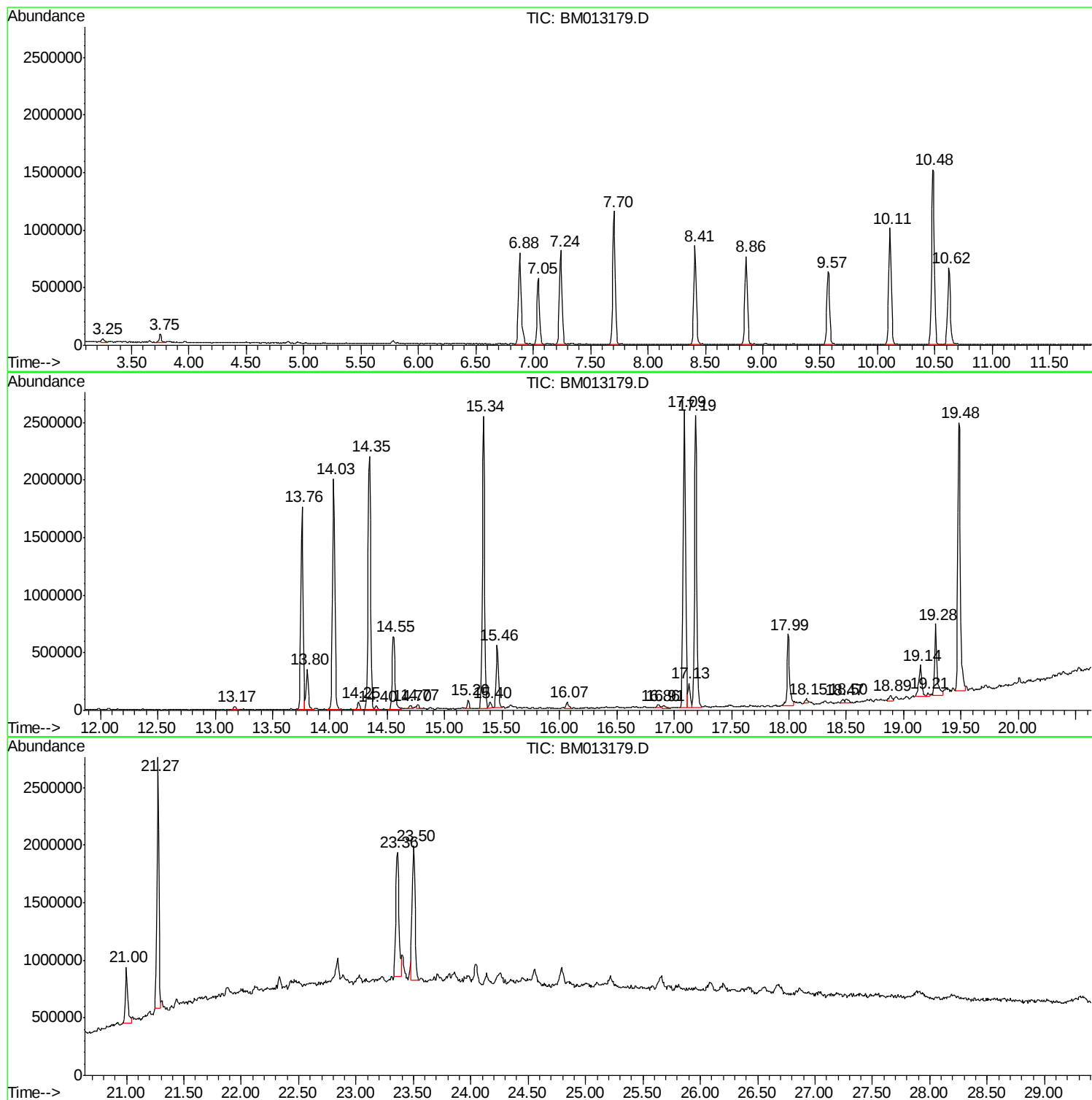
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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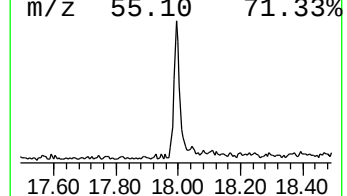
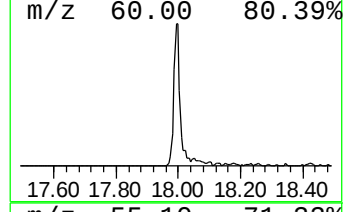
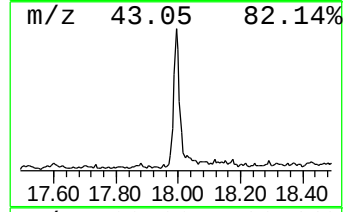
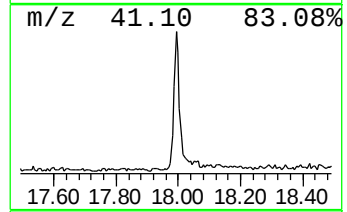
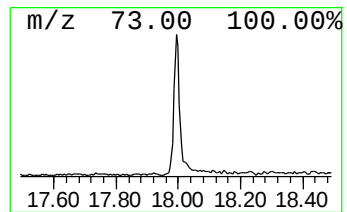
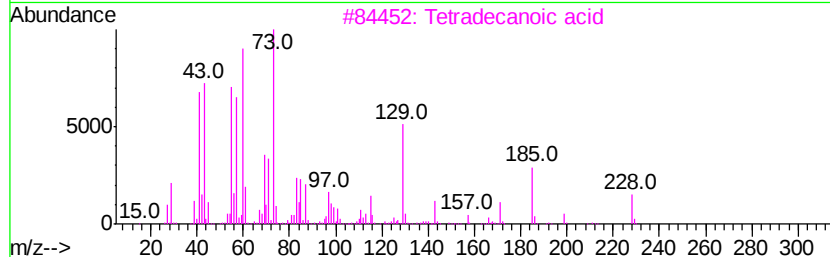
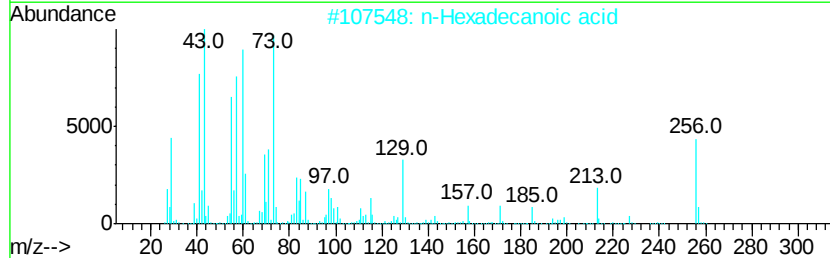
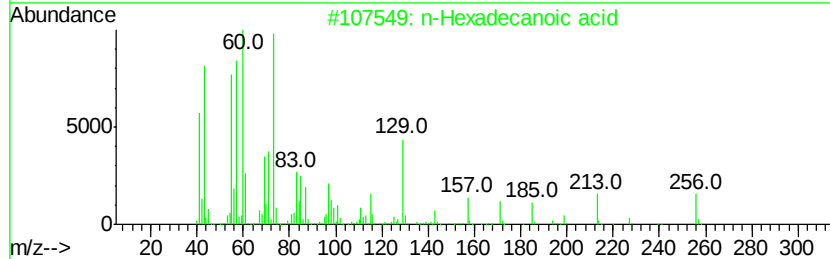
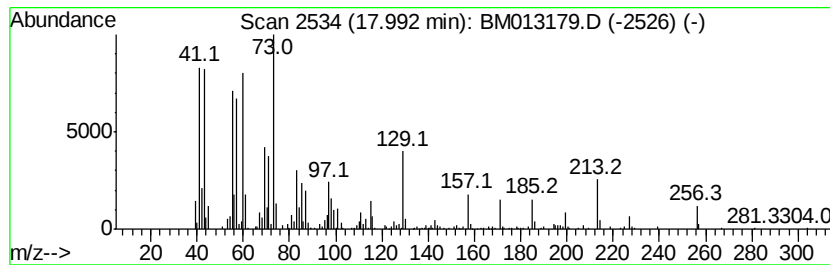
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.88 ng/ul	938678	Phenanthrene-d10	17.09

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	97
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Octadecanoic acid	284	C18H36O2	000057-11-4	81



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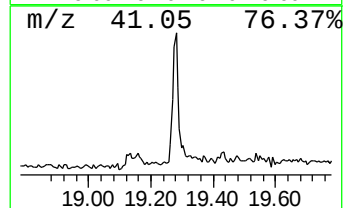
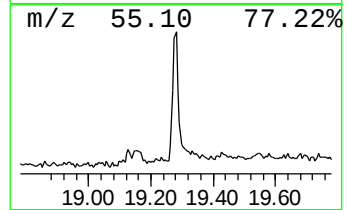
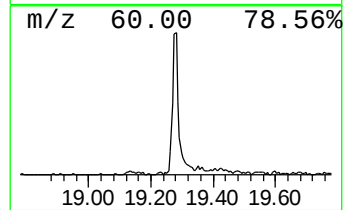
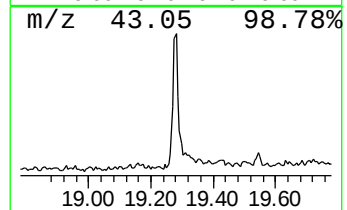
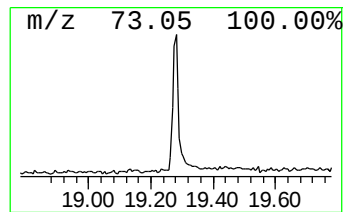
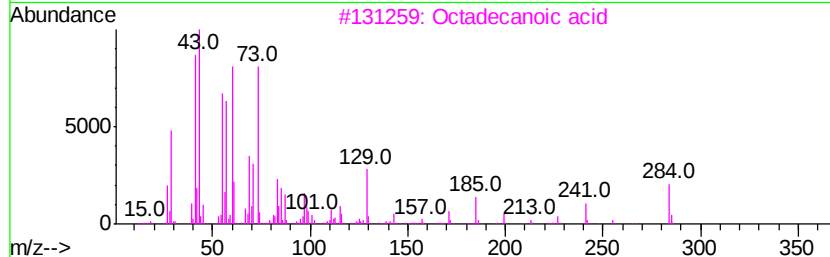
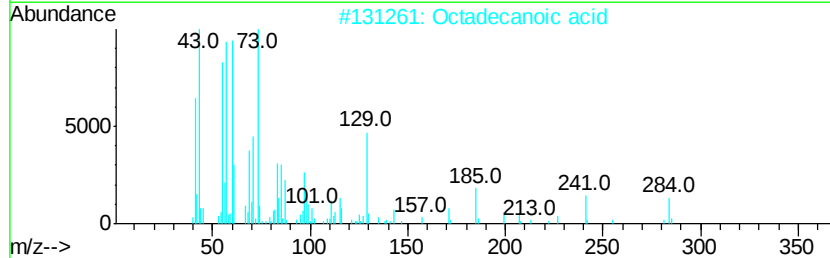
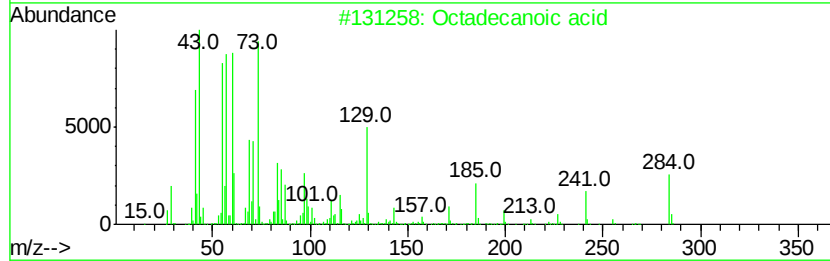
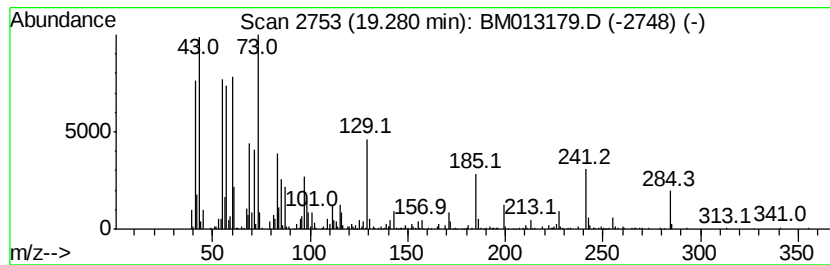
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Peak Number 3 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	6.89 ng/ul	918927	Chrysene-d12	21.27

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	95
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	92



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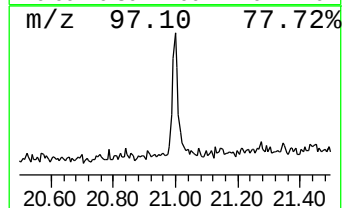
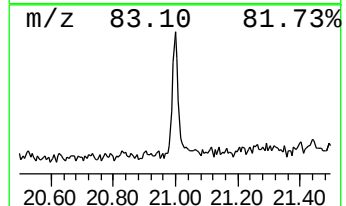
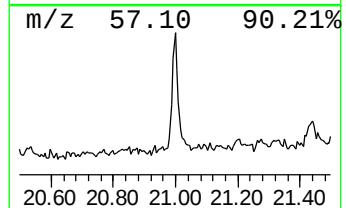
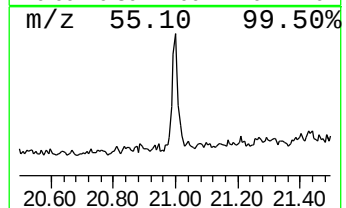
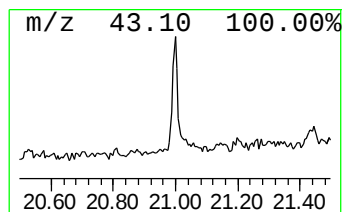
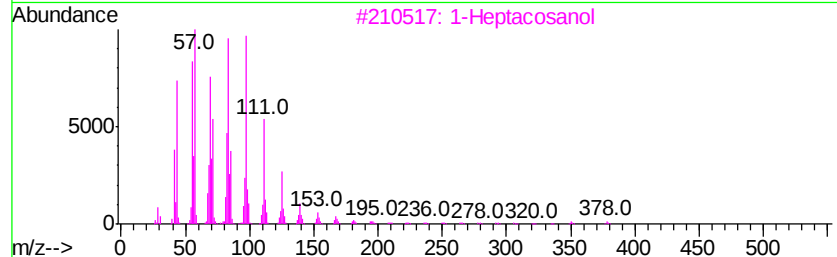
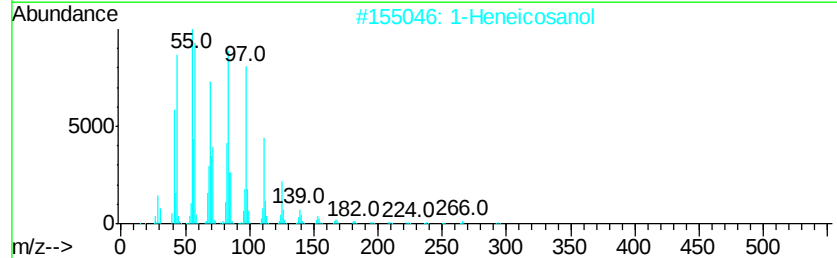
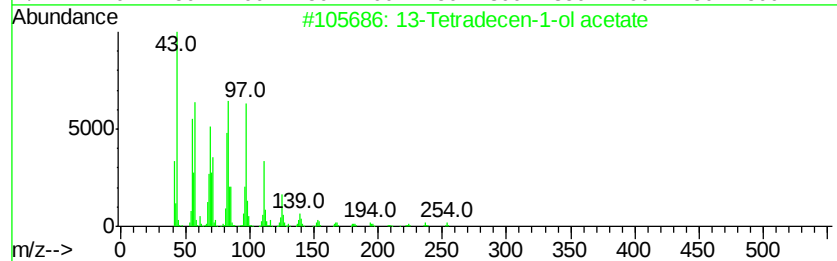
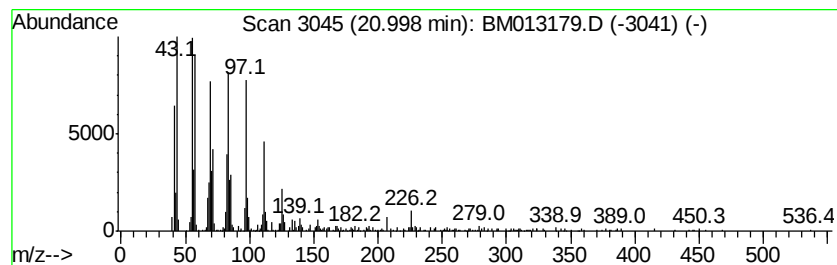
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Peak Number 4 13-Tetradecen-1-ol acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	5.26 ng/ul	700473	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	93
2		1-Heneicosanol	312	C21H44O	015594-90-8	91
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		1-Octadecanethiol	286	C18H38S	002885-00-9	91
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	17.99	4.9	ng/ul	938678	4	17.09	3845750	20.0
Octadecanoic acid	19.28	6.9	ng/ul	918927	5	21.27	2665640	20.0
13-Tetradecen-1-o...	21.00	5.3	ng/ul	700473	5	21.27	2665640	20.0