

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013267.D
 Acq On : 08 Dec 2017 14:21
 Operator : SJ/JU
 Sample : I6759-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A15

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	6.875	635	644	654	rBV2	1022383	1817808	26.88%	2.502%
2	7.034	665	671	678	rBV	750982	1170847	17.31%	1.611%
3	7.228	697	704	713	rBV	1025317	1631925	24.13%	2.246%
4	7.693	777	783	791	rVB	710516	1118722	16.54%	1.540%
5	8.404	897	904	913	rBV	1305441	2134269	31.56%	2.937%
6	8.845	970	979	988	rBV	1042184	1739793	25.72%	2.394%
7	9.563	1093	1101	1111	rBV	974524	1581839	23.39%	2.177%
8	10.098	1183	1192	1203	rBV	1414549	2312661	34.20%	3.183%
9	10.475	1248	1256	1263	rBV	1040030	1696750	25.09%	2.335%
10	10.616	1272	1280	1289	rBV	1343360	2253134	33.32%	3.101%
11	13.751	1807	1813	1818	rBV	2844344	3908728	57.80%	5.379%
12	13.798	1818	1821	1829	rVB	541602	704228	10.41%	0.969%
13	14.027	1849	1860	1867	rBV	3115582	4426920	65.46%	6.092%
14	14.245	1892	1897	1902	rVB	70372	96462	1.43%	0.133%
15	14.333	1906	1912	1922	rBV2	1567643	2451590	36.25%	3.374%
16	14.551	1941	1949	1960	rBV	1378742	2118900	31.33%	2.916%
17	15.198	2055	2059	2064	rVB2	86021	103161	1.53%	0.142%
18	15.333	2074	2082	2089	rBV	3827752	5297383	78.33%	7.290%
19	15.457	2097	2103	2114	rBV	1404207	1889074	27.93%	2.600%
20	16.063	2201	2206	2213	rBV2	98133	154214	2.28%	0.212%
21	16.851	2336	2340	2346	rBV2	81800	115947	1.71%	0.160%
22	17.086	2372	2380	2386	rBV2	2172730	3126592	46.23%	4.303%
23	17.186	2390	2397	2404	rVB	4117397	5884993	87.02%	8.099%
24	17.592	2462	2466	2470	rVB3	54026	69696	1.03%	0.096%
25	17.768	2491	2496	2499	rVB4	70912	94235	1.39%	0.130%
26	17.992	2528	2534	2542	rBV	818504	1170127	17.30%	1.610%
27	18.945	2686	2696	2698	rBV	33322	71637	1.06%	0.099%
28	19.115	2721	2725	2728	rBV	59876	85677	1.27%	0.118%
29	19.274	2747	2752	2759	rBV	337822	465313	6.88%	0.640%
30	19.368	2764	2768	2775	rVB	56877	77550	1.15%	0.107%
31	19.480	2781	2787	2793	rBV	5034482	6754373	99.87%	9.295%
32	19.533	2793	2796	2800	rVB2	102778	141817	2.10%	0.195%
33	19.927	2860	2863	2868	rVB	89785	101944	1.51%	0.140%
34	20.468	2949	2955	2959	rBV2	99019	142392	2.11%	0.196%

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35	20.992	3040	3044	3054	rBV	1164996	1416636	20.95%	1.949%
36	21.274	3086	3092	3097	rBV	2904476	3701040	54.72%	5.093%
37	21.598	3144	3147	3152	rBV2	76414	86351	1.28%	0.119%
38	23.362	3440	3447	3460	rVB2	3574997	6763079	100.00%	9.307%
39	23.503	3464	3471	3480	rVV	1812035	3310039	48.94%	4.555%
40	24.121	3572	3576	3584	rVB4	222302	479024	7.08%	0.659%

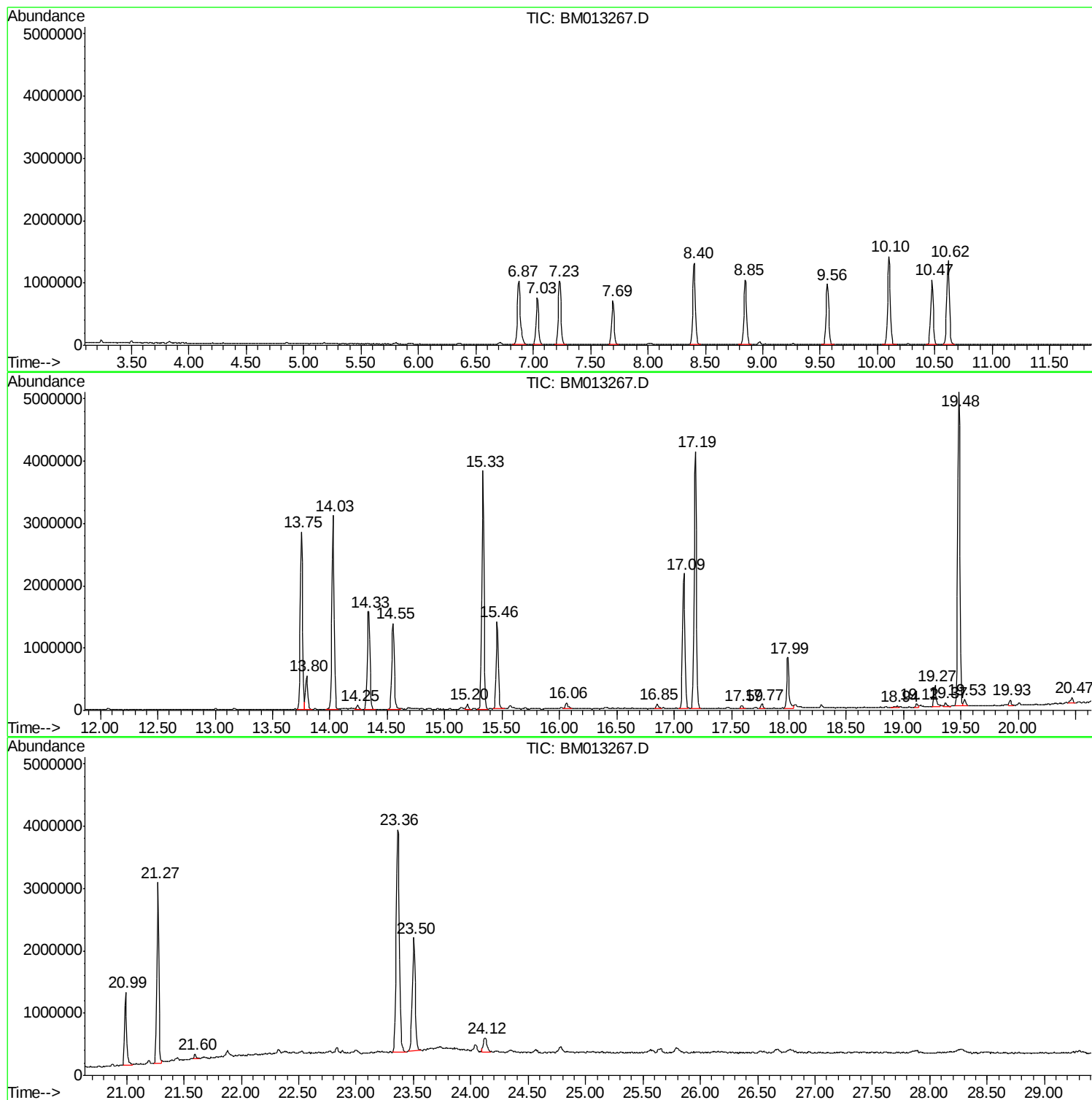
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TIC Library : C:\DATABASE\NIST11.L
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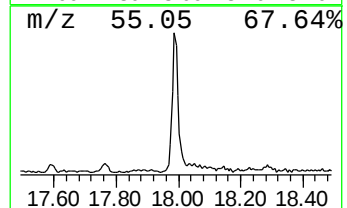
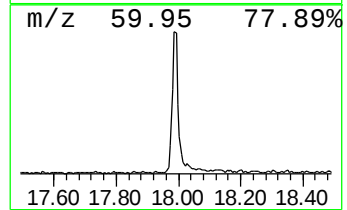
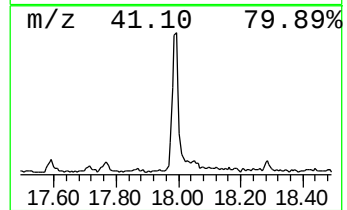
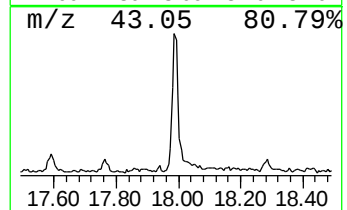
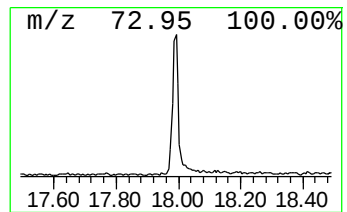
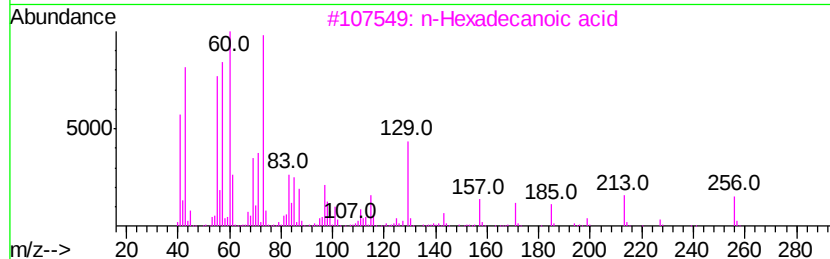
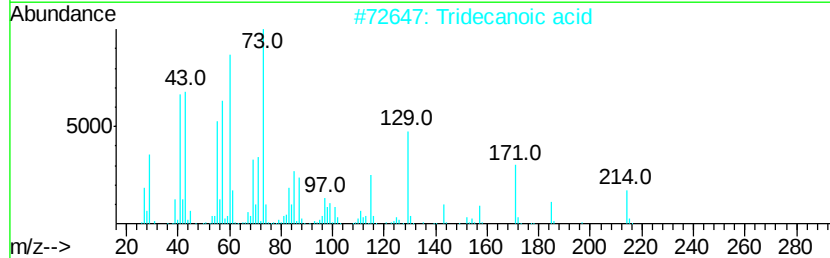
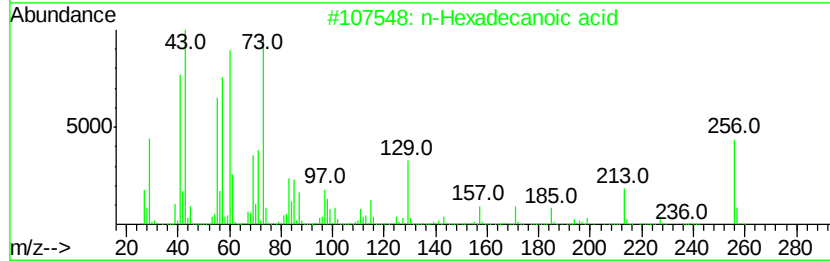
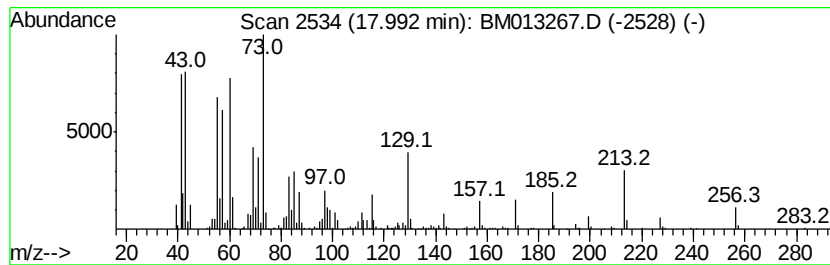
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	7.49 ng/ul	1170130	Phenanthrene-d10	17.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Tridecanoic acid	214	C13H26O2	000638-53-9	95
5		n-Decanoic acid	172	C10H20O2	000334-48-5	90



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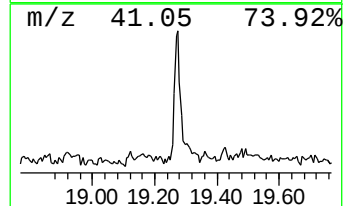
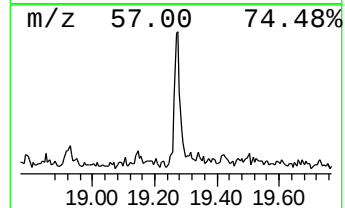
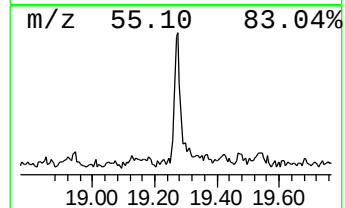
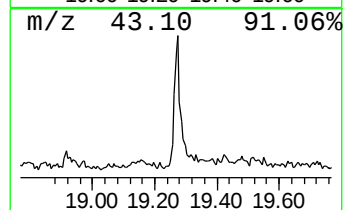
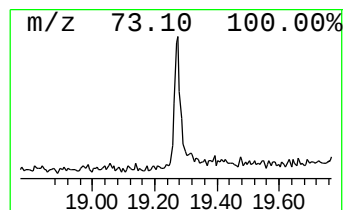
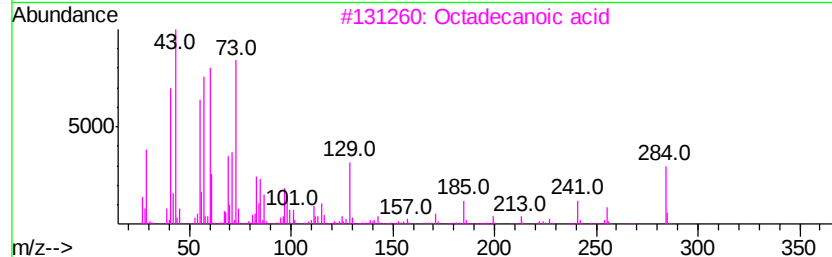
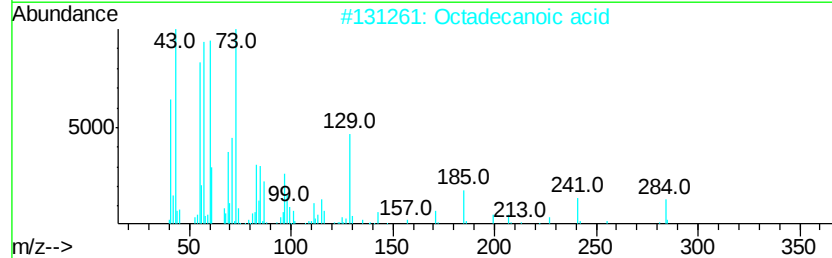
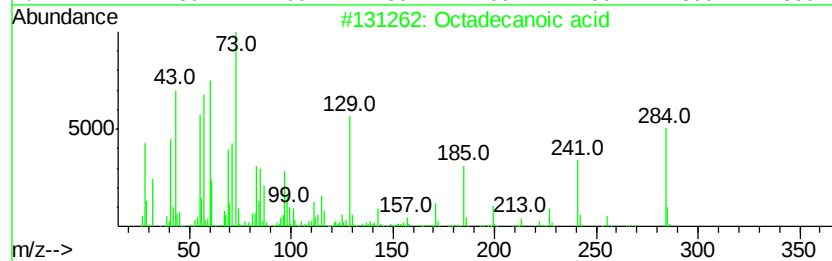
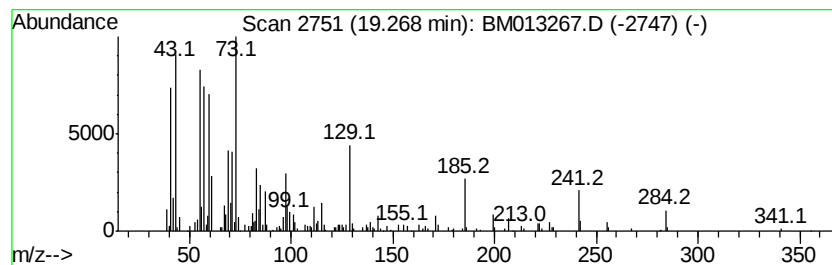
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Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.51 ng/ul	465313	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	97
4		Octadecanoic acid	284	C18H36O2	000057-11-4	96
5		Octadecanoic acid	284	C18H36O2	000057-11-4	96



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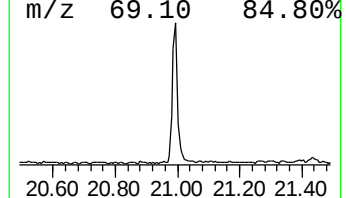
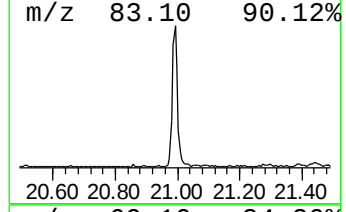
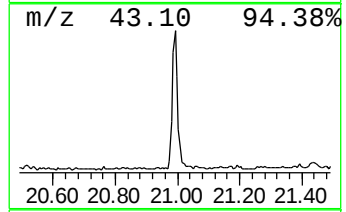
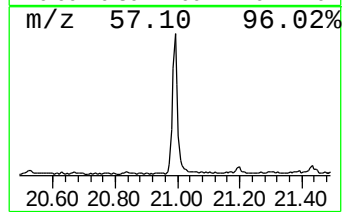
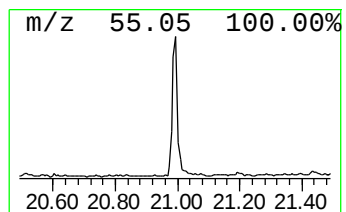
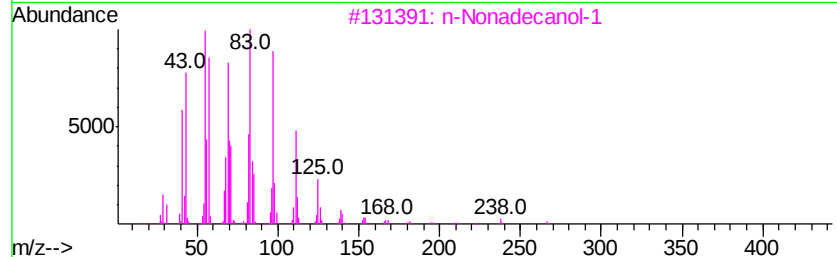
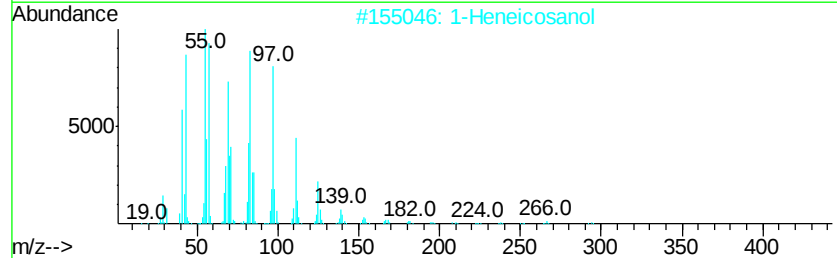
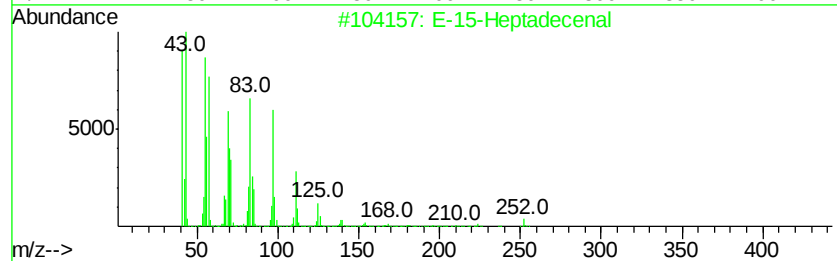
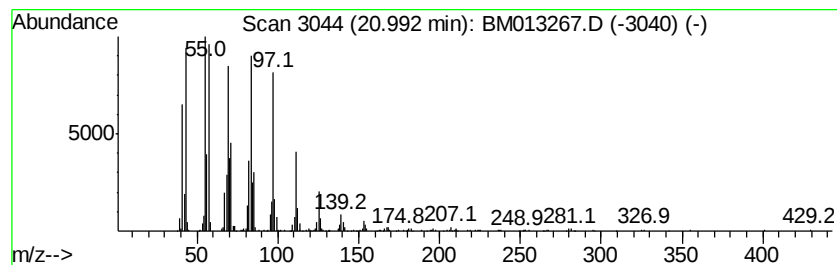
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 Peak Number 3 E-15-Heptadecenal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	7.66 ng/ul	1416640	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	97
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93



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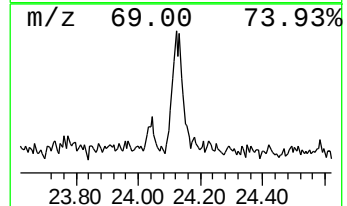
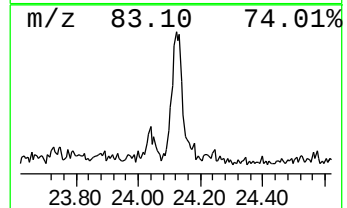
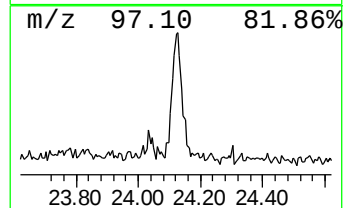
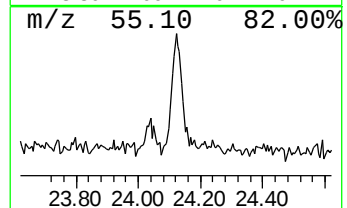
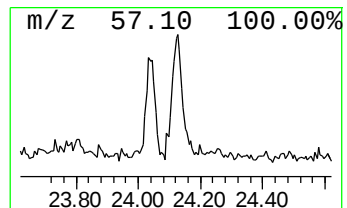
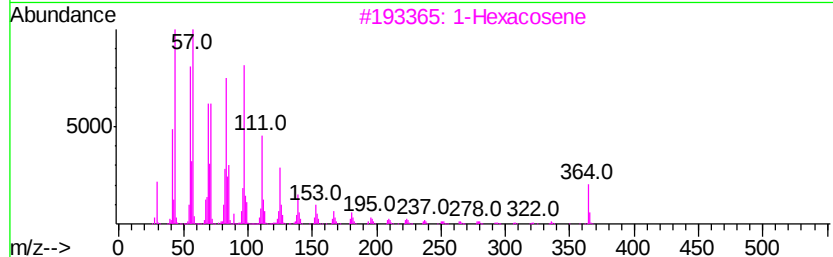
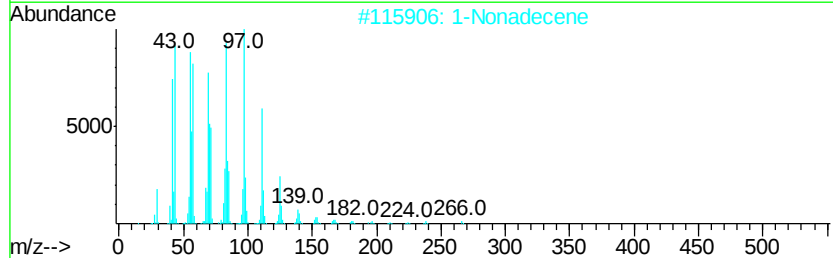
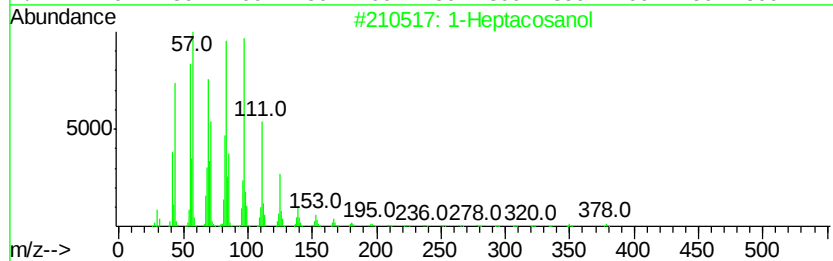
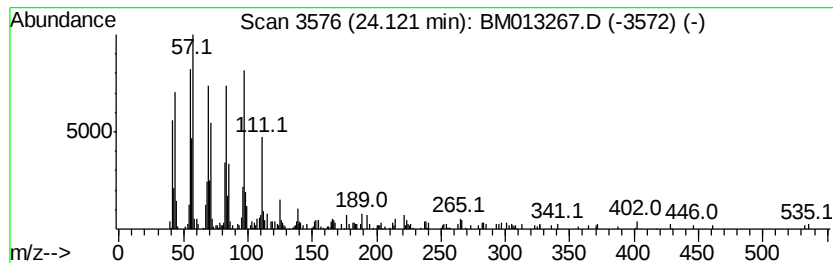
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Peak Number 4 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	2.89 ng/ul	479024	Perylene-d12	23.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	91
2			1-Nonadecene	266	C19H38	018435-45-5	90
3			1-Hexacosene	364	C26H52	018835-33-1	89
4			Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	87
5			1-Heptadecene	238	C17H34	006765-39-5	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	7.5	ng/ul	1170130	4	17.09	3126590	20.0
Octadecanoic acid	19.27	2.5	ng/ul	465313	5	21.27	3701040	20.0
E-15-Heptadecenal	20.99	7.7	ng/ul	1416640	5	21.27	3701040	20.0
1-Heptacosanol	24.12	2.9	ng/ul	479024	6	23.50	3310040	20.0