

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013117\
 Data File : BM008949.D
 Acq On : 31 Jan 2017 20:51
 Operator : SJ/MA
 Sample : I1460-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDNS0

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\SOM02.2-EPA-BM013017.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	3.375	130	134	139	rBV2	28279	34564	1.47%	0.125%
2	3.646	177	180	187	rVB3	16281	26528	1.13%	0.096%
3	7.063	754	761	772	rVB	556748	999706	42.41%	3.625%
4	7.245	785	792	798	rBV	354082	531613	22.55%	1.928%
5	7.445	820	826	834	rVB	532022	860287	36.49%	3.120%
6	7.916	899	906	912	rBV	362762	568232	24.10%	2.061%
7	8.610	1017	1024	1033	rVB	636467	1002822	42.54%	3.636%
8	9.081	1097	1104	1113	rBV	565192	937471	39.77%	3.399%
9	9.798	1216	1226	1236	rBV2	498152	825992	35.04%	2.995%
10	10.328	1309	1316	1328	rVB	641442	1061125	45.01%	3.848%
11	10.716	1375	1382	1389	rBV	421442	724407	30.73%	2.627%
12	10.857	1396	1406	1414	rBV	552283	934790	39.65%	3.390%
13	12.233	1631	1640	1647	rBV4	33951	56849	2.41%	0.206%
14	13.957	1927	1933	1937	rBV	1088009	1428421	60.59%	5.180%
15	14.004	1937	1941	1949	rVB	364342	492132	20.88%	1.785%
16	14.245	1976	1982	1990	rVB	961717	1449223	61.47%	5.255%
17	14.551	2028	2034	2041	rVB	629059	886435	37.60%	3.214%
18	14.739	2058	2066	2072	rBV	673219	946986	40.17%	3.434%
19	14.945	2095	2101	2110	rVB4	46459	67265	2.85%	0.244%
20	15.333	2161	2167	2171	rBV	25944	33493	1.42%	0.121%
21	15.380	2171	2175	2180	rVB3	31929	42643	1.81%	0.155%
22	15.545	2197	2203	2212	rBV	1266525	1806267	76.62%	6.550%
23	15.657	2216	2222	2230	rBV	567900	761346	32.30%	2.761%
24	15.786	2235	2244	2249	rBV6	23271	41768	1.77%	0.151%
25	16.239	2316	2321	2329	rBV2	48373	88837	3.77%	0.322%
26	17.033	2451	2456	2461	rBV2	56549	70069	2.97%	0.254%
27	17.080	2461	2464	2468	rBV2	17276	24931	1.06%	0.090%
28	17.298	2495	2501	2507	rBV	764410	1079806	45.80%	3.916%
29	17.398	2511	2518	2525	rVB	1451089	2023529	85.84%	7.338%
30	17.768	2575	2581	2588	rBV	64581	86715	3.68%	0.314%
31	18.168	2645	2649	2659	rBV	224267	302225	12.82%	1.096%
32	18.462	2695	2699	2706	rVB5	29944	44311	1.88%	0.161%
33	19.298	2837	2841	2843	rBV4	47357	59675	2.53%	0.216%
34	19.321	2843	2845	2854	rVB7	43290	70725	3.00%	0.256%

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Stop Thrs : 0 Peak Location: TOP

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35	19.445	2861	2866	2870	rBV3	122903	162862	6.91%	0.591%
36	19.686	2901	2907	2918	rBV	1780787	2357425	100.00%	8.549%
37	20.568	3050	3057	3060	rBV6	31897	66435	2.82%	0.241%
38	21.156	3154	3157	3161	rBV3	137814	179128	7.60%	0.650%
39	21.468	3205	3210	3215	rBV	1047618	1288738	54.67%	4.673%
40	23.674	3578	3585	3592	rVB2	1055734	2032502	86.22%	7.370%
41	23.821	3604	3610	3620	rVB	572775	1118735	47.46%	4.057%

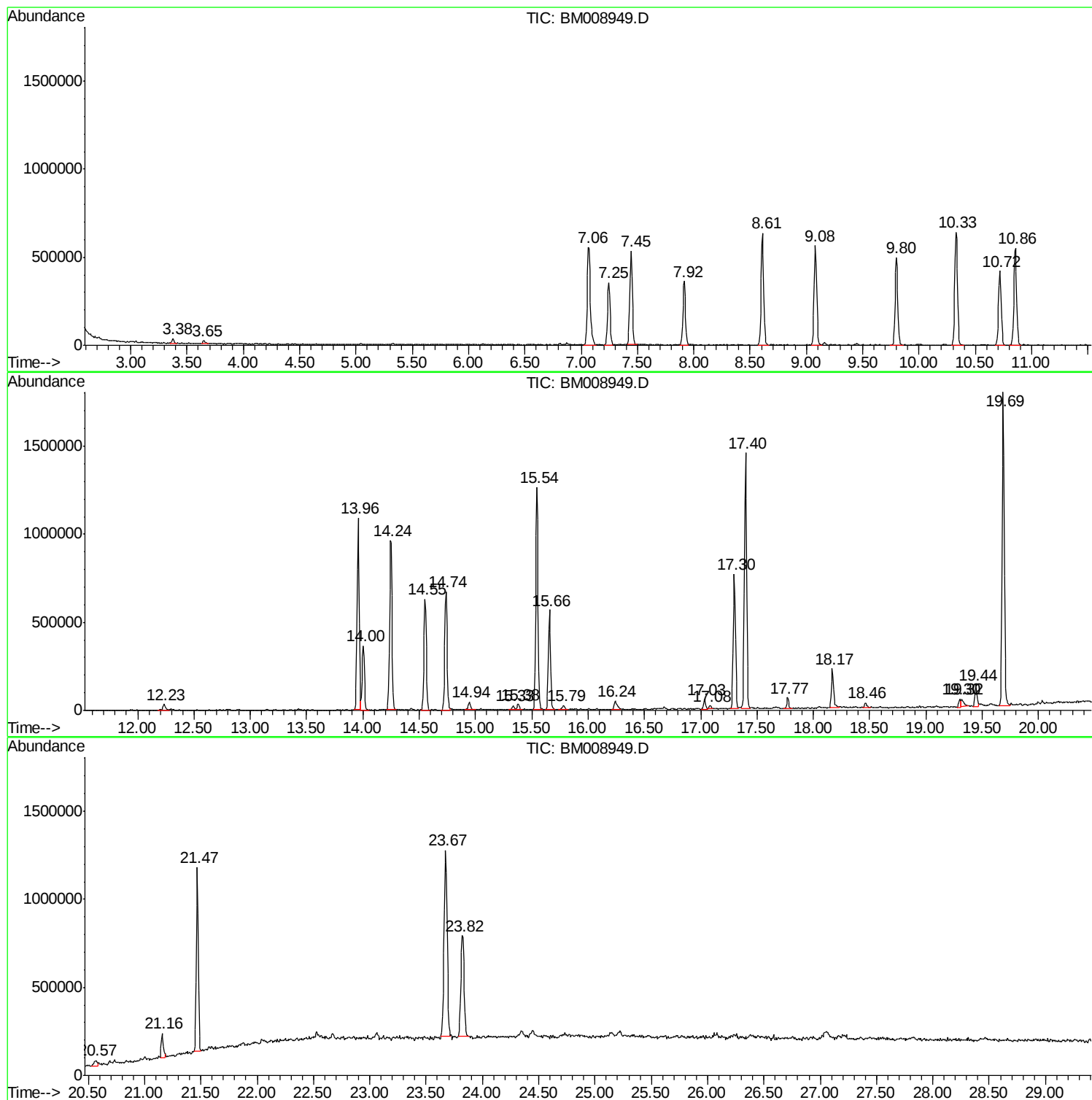
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM013017.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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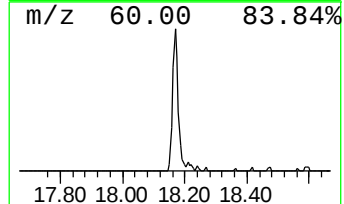
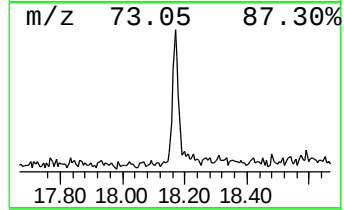
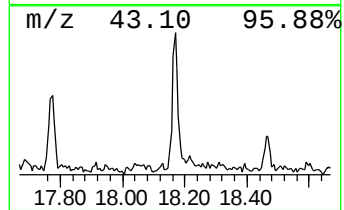
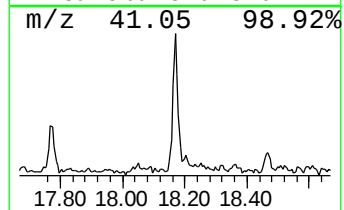
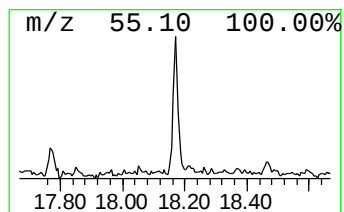
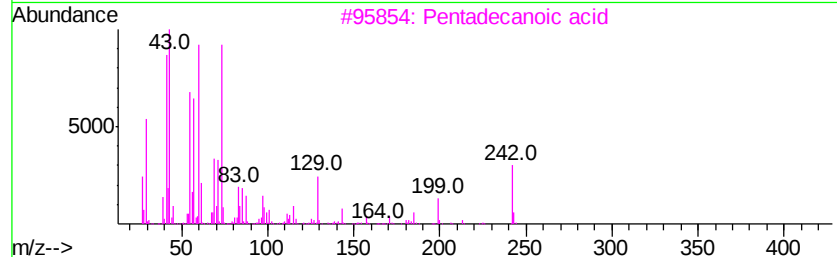
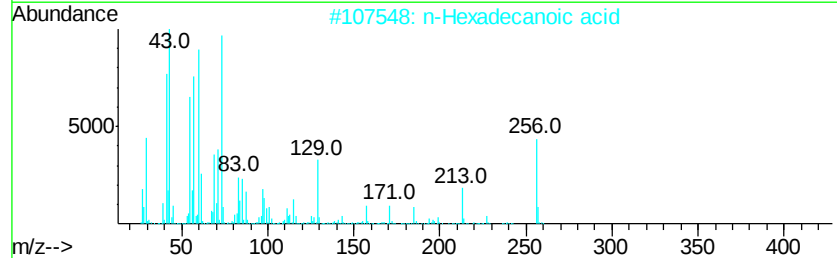
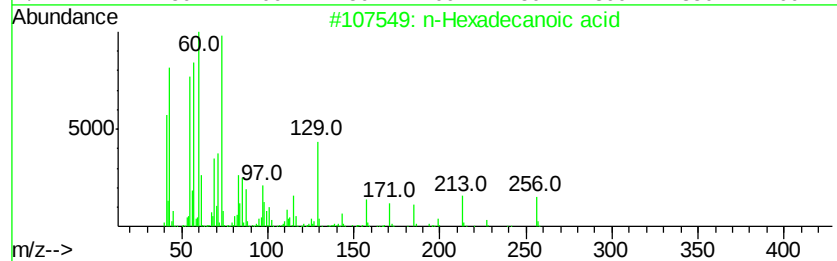
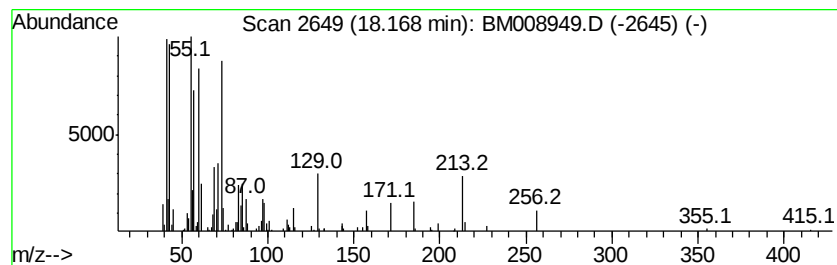
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.17	5.60 ng/ul	302225	Phenanthrene-d10	17.30		
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	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	
4	Undecanoic acid	186	C11H22O2	000112-37-8	70	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70	



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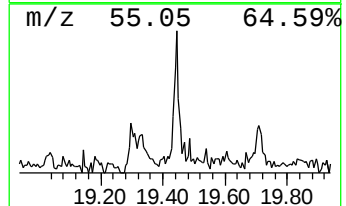
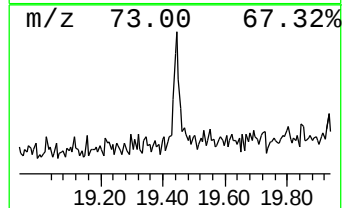
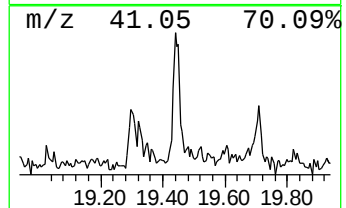
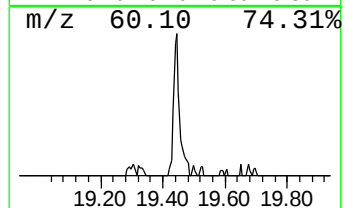
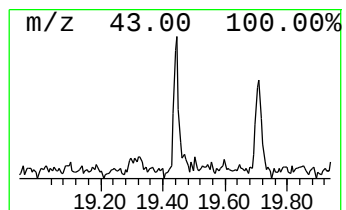
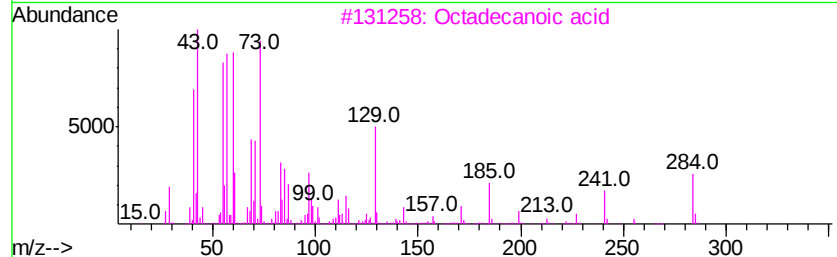
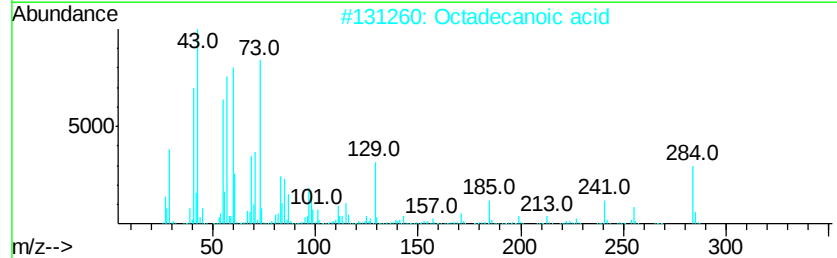
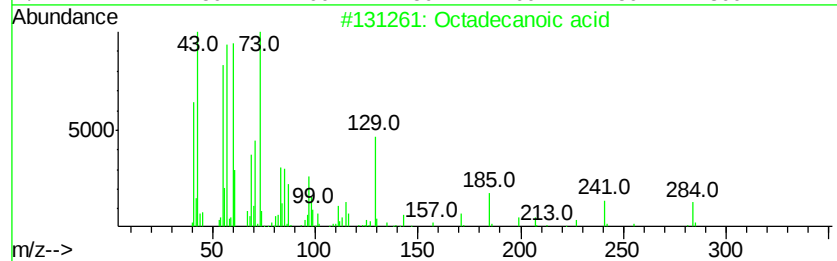
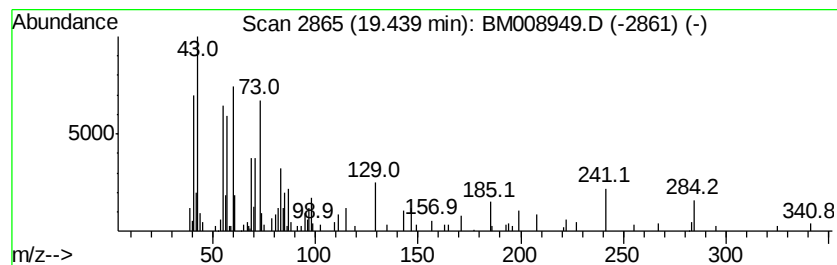
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	2.53 ng/ul	162862	Chrysene-d12	21.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	64
2			Octadecanoic acid	284	C18H36O2	000057-11-4	64
3			Octadecanoic acid	284	C18H36O2	000057-11-4	60
4			Octadecanoic acid	284	C18H36O2	000057-11-4	58
5			Undecanoic acid	186	C11H22O2	000112-37-8	55



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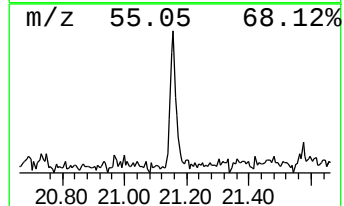
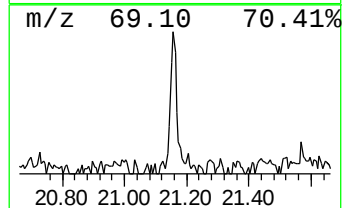
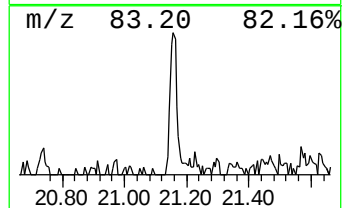
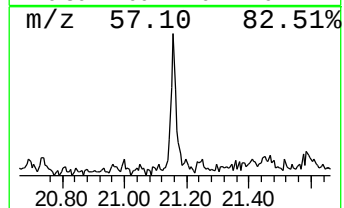
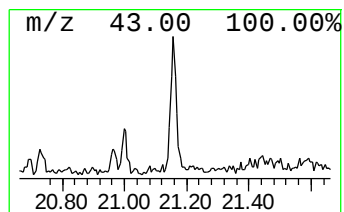
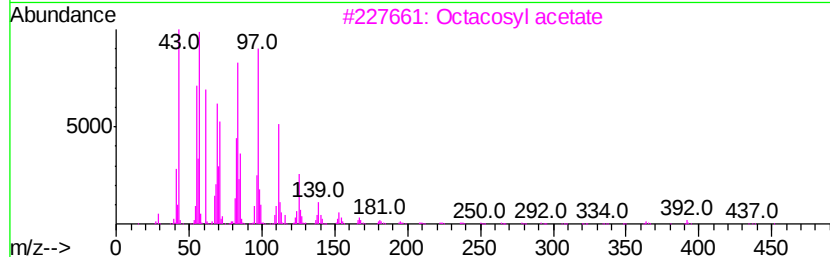
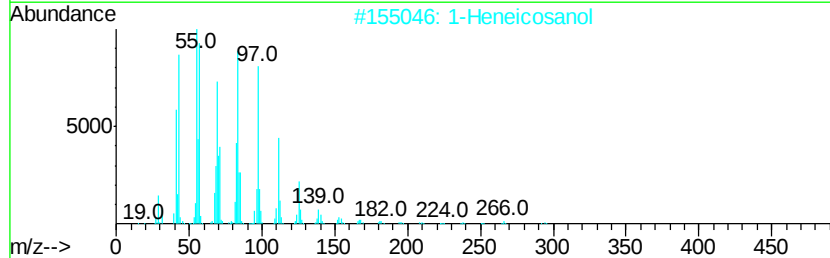
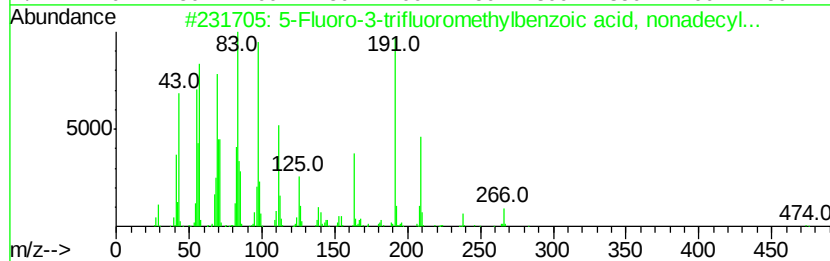
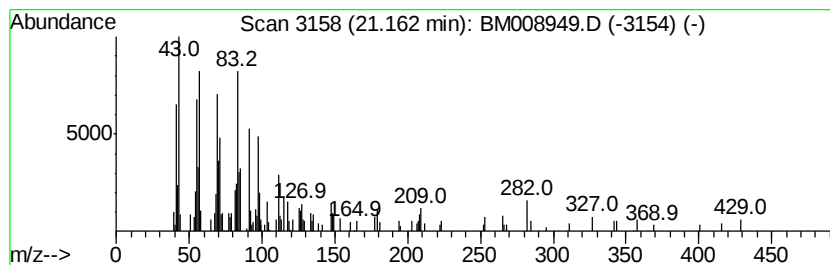
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 5-Fluoro-3-trifluoromethylb... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.78 ng/ul	179128	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-3-trifluoromethylbenzoi...	474	C27H42F4O2	1000338-91-1	74
2		1-Heneicosanol	312	C21H44O	015594-90-8	64
3		Octacosyl acetate	452	C30H60O2	018206-97-8	64
4		1-Docosene	308	C22H44	001599-67-3	64
5		Acetic acid n-octadecyl ester	312	C20H40O2	000822-23-1	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.17	5.6	ng/ul	302225	4	17.30	1079810	20.0
Octadecanoic acid	19.44	2.5	ng/ul	162862	5	21.47	1288740	20.0
5-Fluoro-3-triflu...	21.16	2.8	ng/ul	179128	5	21.47	1288740	20.0