

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012831.D
 Acq On : 08 Nov 2017 21:07
 Operator : SJ/JU
 Sample : I5955-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-15(5-6)-101717

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-BM110417MA.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	3.293	31	35	44	rVB	34119	45821	1.40%	0.142%
2	3.805	116	122	129	rBV	44458	60477	1.84%	0.187%
3	6.981	652	662	675	rVB	569428	1009118	30.77%	3.120%
4	7.134	681	688	701	rBV	467072	719209	21.93%	2.224%
5	7.334	715	722	732	rBV	631444	1019074	31.07%	3.151%
6	7.798	794	801	809	rBV	478591	760726	23.19%	2.352%
7	8.510	915	922	936	rBV	605223	1014495	30.93%	3.137%
8	8.957	992	998	1005	rBV	564302	925026	28.20%	2.860%
9	9.681	1114	1121	1134	rBB	460012	783094	23.88%	2.421%
10	10.222	1206	1213	1223	rBV	717767	1227510	37.43%	3.795%
11	10.592	1267	1276	1283	rBV	605874	1018915	31.07%	3.150%
12	10.728	1293	1299	1311	rBV	358001	662580	20.20%	2.049%
13	13.851	1821	1830	1834	rBV	1194242	1651336	50.35%	5.105%
14	13.892	1834	1837	1847	rVB	331948	459395	14.01%	1.420%
15	14.133	1871	1878	1885	rBV	1351521	1922908	58.63%	5.945%
16	14.439	1922	1930	1938	rVB2	830008	1232566	37.58%	3.811%
17	14.663	1960	1968	1980	rBV	307090	541043	16.50%	1.673%
18	14.804	1984	1992	1996	rVV3	32780	53153	1.62%	0.164%
19	14.863	1998	2002	2014	rVB6	31078	52482	1.60%	0.162%
20	15.292	2070	2075	2079	rVB	29185	36382	1.11%	0.112%
21	15.433	2093	2099	2107	rBV	1739611	2411526	73.53%	7.456%
22	15.574	2118	2123	2129	rBV	91463	138002	4.21%	0.427%
23	15.674	2135	2140	2147	rBV5	22992	44204	1.35%	0.137%
24	16.151	2216	2221	2229	rBV	37880	54646	1.67%	0.169%
25	17.186	2391	2397	2402	rBV2	943093	1311270	39.98%	4.054%
26	17.227	2402	2404	2408	rVV2	33796	38787	1.18%	0.120%
27	17.286	2408	2414	2423	rVB	1679996	2348592	71.61%	7.261%
28	17.462	2440	2444	2451	rBV9	14783	38067	1.16%	0.118%
29	18.080	2542	2549	2558	rBV2	184394	343031	10.46%	1.061%
30	18.151	2558	2561	2564	rVB	32123	41872	1.28%	0.129%
31	18.415	2602	2606	2611	rBV4	28743	48037	1.46%	0.149%
32	18.851	2676	2680	2681	rBV	39264	47066	1.44%	0.146%
33	19.239	2744	2746	2752	rVB2	34455	44351	1.35%	0.137%
34	19.356	2763	2766	2771	rBV	124817	177420	5.41%	0.549%

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35	19.580	2798	2804	2814	rBV	2056412	2835119	86.44%	8.765%
36	21.074	3055	3058	3063	rBV	180257	200905	6.13%	0.621%
37	21.274	3089	3092	3096	rBV	511979	518341	15.80%	1.603%
38	21.368	3103	3108	3112	rBV	1218168	1558435	47.52%	4.818%
39	23.509	3466	3472	3485	rVB2	1746030	3279707	100.00%	10.140%
40	23.650	3491	3496	3504	rVB	878457	1669866	50.92%	5.163%

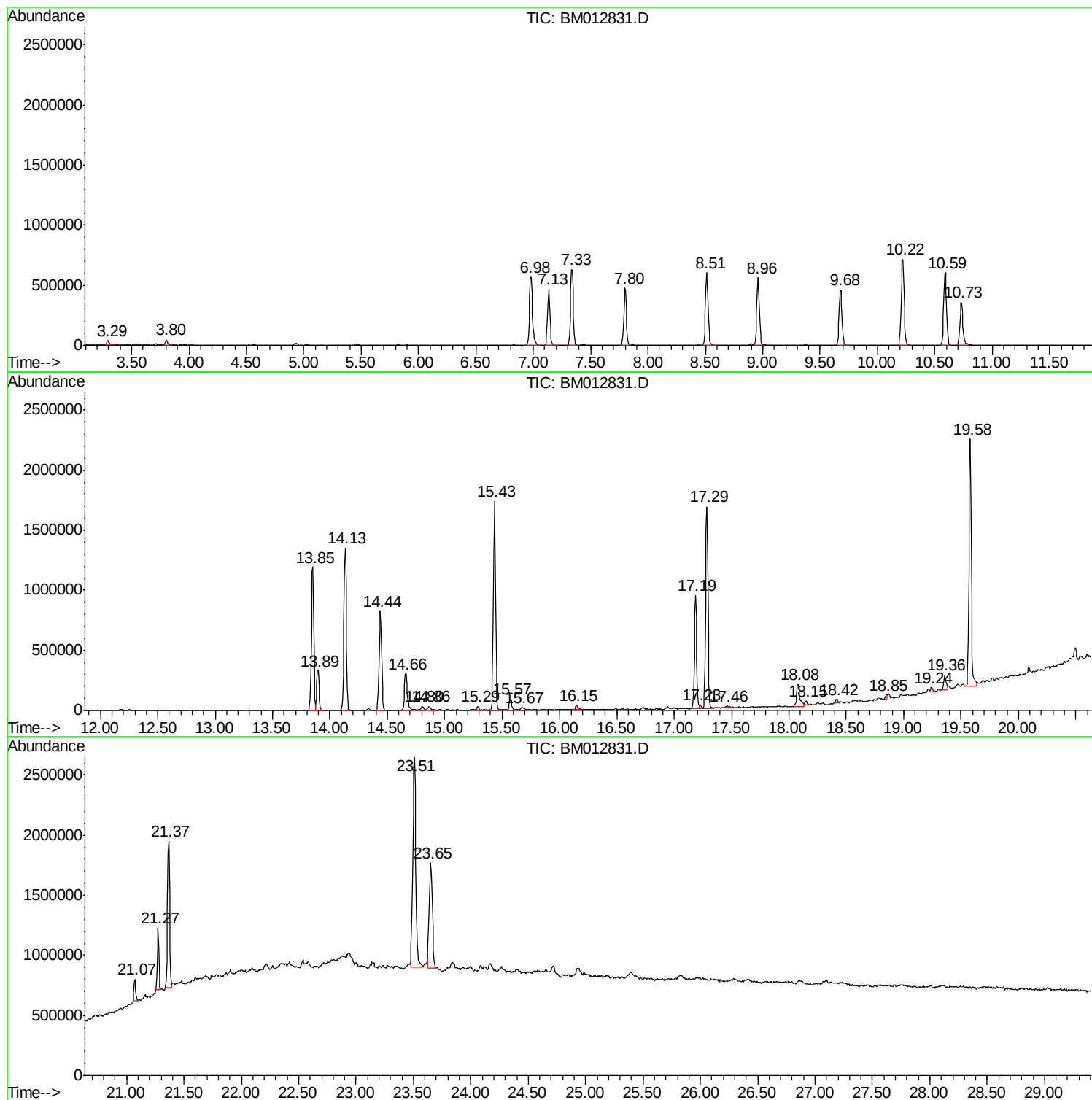
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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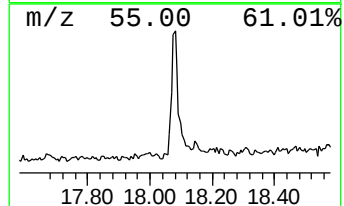
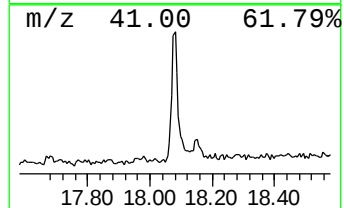
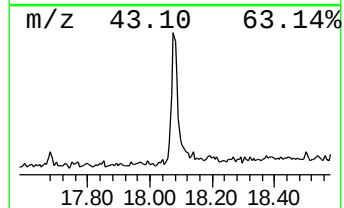
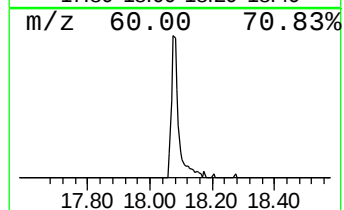
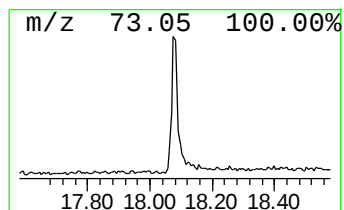
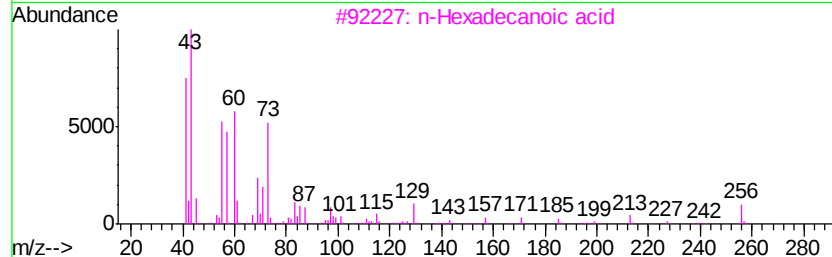
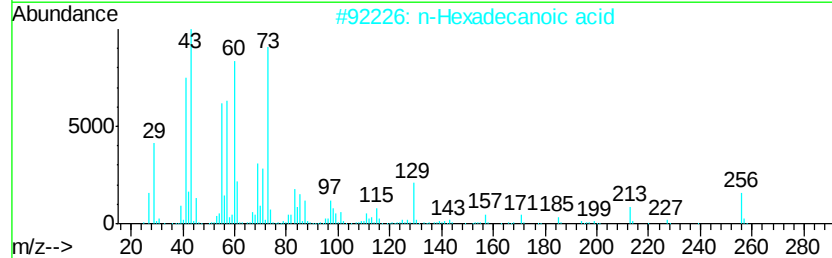
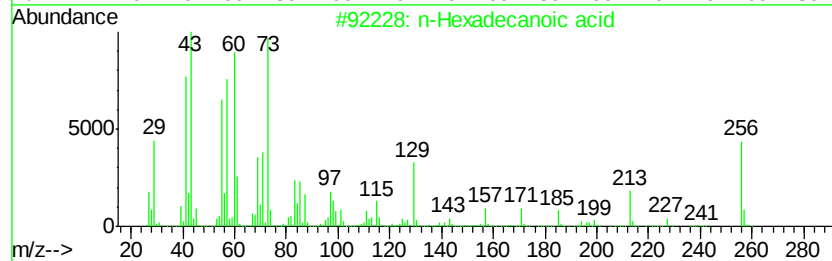
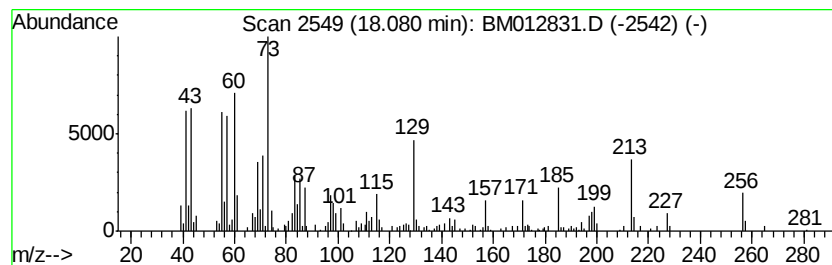
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.08	5.23 ng/ul	343031	Phenanthrene-d10		17.19	
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	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70	



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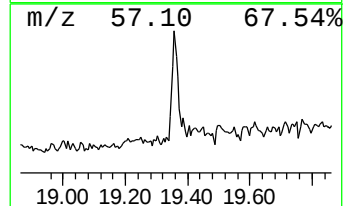
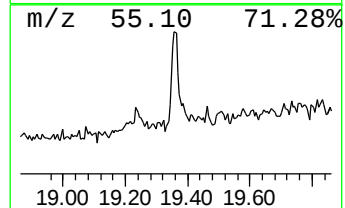
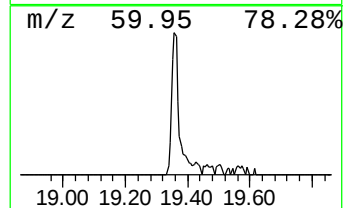
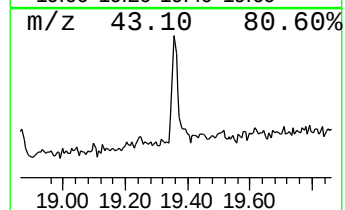
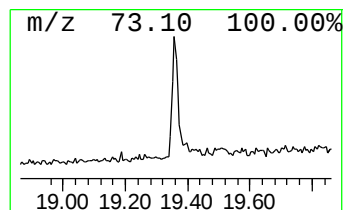
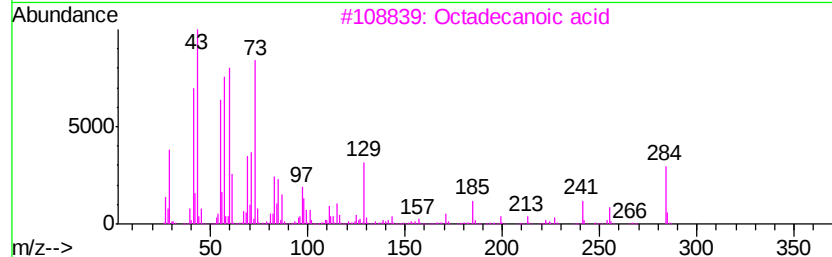
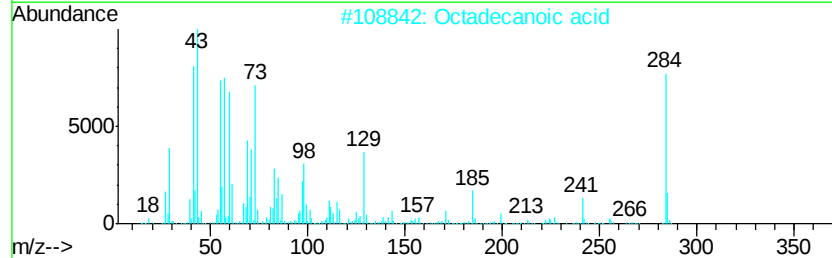
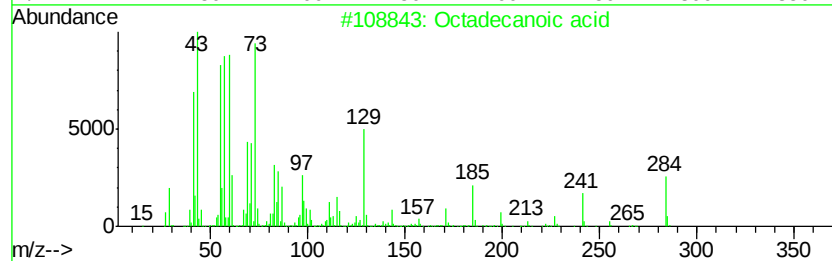
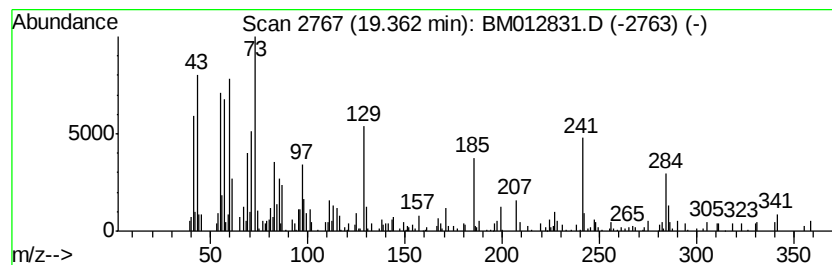
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	2.28 ng/ul	177420	Chrysene-d12	21.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
5			Heptadecanoic acid	270	C17H34O2	000506-12-7	87



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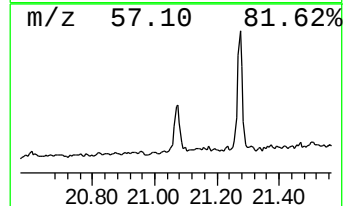
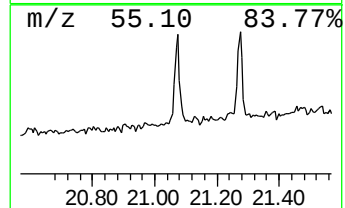
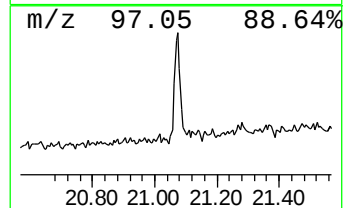
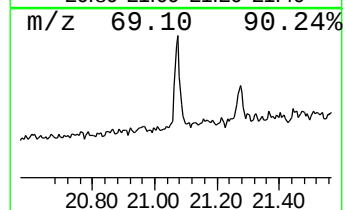
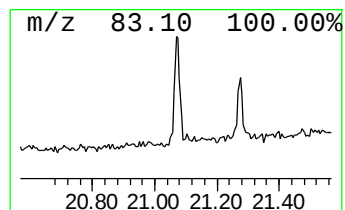
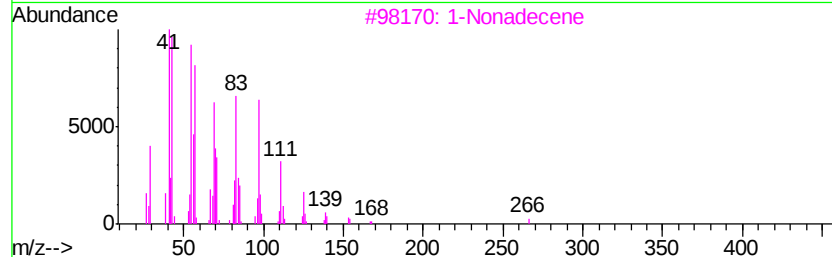
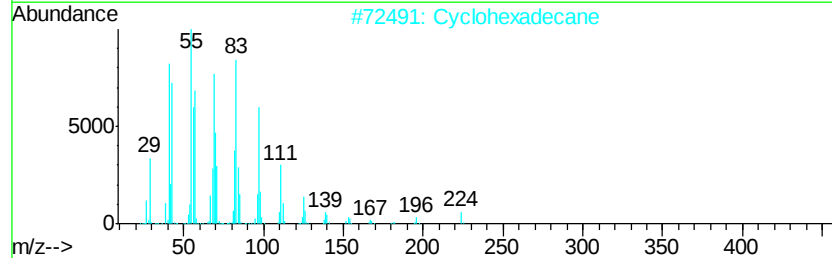
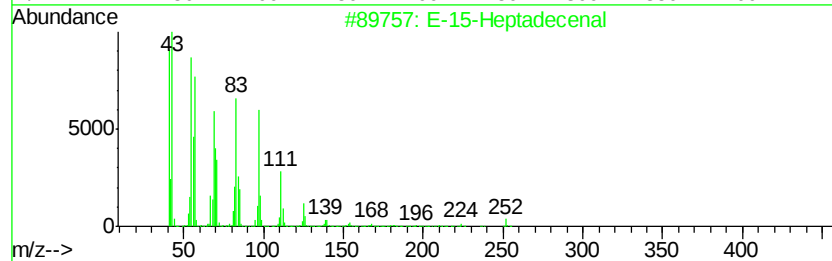
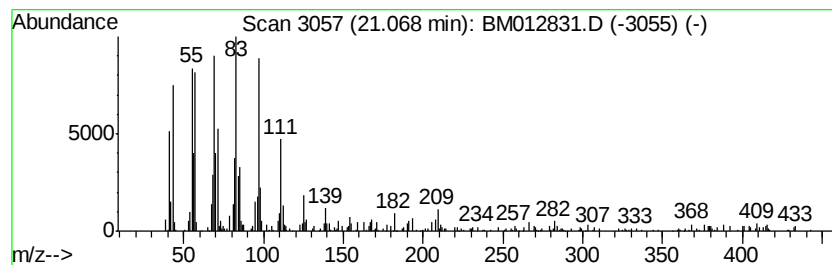
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Peak Number 3 E-15-Heptadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	2.58 ng/ul	200905	Chrysene-d12	21.37
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9 96
2	Cyclohexadecane	224	C16H32	000295-65-8 95
3	1-Nonadecene	266	C19H38	018435-45-5 94
4	Z-5-Nonadecene	266	C19H38	1000131-11-8 94
5	Cyclooctacosane	392	C28H56	000297-24-5 93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.08	5.2	ng/ul	343031	4	17.19	1311270	20.0
Octadecanoic acid	19.36	2.3	ng/ul	177420	5	21.37	1558440	20.0
E-15-Heptadecenal	21.07	2.6	ng/ul	200905	5	21.37	1558440	20.0