

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\
 Data File : BM012253.D
 Acq On : 17 Oct 2017 17:59
 Operator : SJ/JU
 Sample : I5697-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0AB1

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-BM101217.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	6.957	652	658	677	rBV2	524028	1220199	28.31%	2.705%
2	7.122	677	686	695	rBV	430271	707501	16.42%	1.568%
3	7.322	712	720	732	rBV	604391	1031931	23.94%	2.288%
4	7.787	793	799	808	rBV	689758	1189010	27.59%	2.636%
5	8.504	914	921	939	rBV	728741	1363563	31.64%	3.023%
6	8.957	991	998	1013	rBV	538684	978152	22.70%	2.168%
7	9.681	1111	1121	1131	rBV	396537	725539	16.83%	1.608%
8	10.222	1206	1213	1230	rVV	601083	1136746	26.38%	2.520%
9	10.587	1266	1275	1287	rBV	748086	1288389	29.89%	2.856%
10	10.739	1293	1301	1319	rBV	517957	1073285	24.90%	2.379%
11	11.916	1496	1501	1509	rBV2	29511	53414	1.24%	0.118%
12	13.851	1824	1830	1834	rBV	1771350	2488209	57.73%	5.516%
13	13.898	1834	1838	1845	rVB	436850	659380	15.30%	1.462%
14	14.133	1872	1878	1887	rBV	2013259	3125515	72.52%	6.929%
15	14.310	1903	1908	1914	rBV4	35133	76902	1.78%	0.170%
16	14.445	1922	1931	1943	rVB2	1567196	2503660	58.09%	5.550%
17	14.639	1960	1964	1966	rBV2	65642	87861	2.04%	0.195%
18	14.680	1966	1971	1996	rVV	370555	979924	22.74%	2.172%
19	14.851	1997	2000	2011	rVB4	43033	87131	2.02%	0.193%
20	15.439	2093	2100	2108	rBV	2073871	2932109	68.03%	6.500%
21	15.586	2120	2125	2136	rBV	340973	588294	13.65%	1.304%
22	15.804	2154	2162	2168	rBV	169084	244411	5.67%	0.542%
23	17.192	2391	2398	2408	rBV2	1782787	2591262	60.12%	5.744%
24	17.292	2408	2415	2430	rVV2	2255879	3358787	77.93%	7.446%
25	17.798	2496	2501	2506	rBV	34799	49656	1.15%	0.110%
26	18.068	2542	2547	2557	rBV2	374986	582348	13.51%	1.291%
27	18.145	2557	2560	2570	rVB	44148	79344	1.84%	0.176%
28	19.204	2736	2740	2742	rBV	116227	150109	3.48%	0.333%
29	19.351	2760	2765	2778	rBV	372914	603481	14.00%	1.338%
30	19.586	2799	2805	2812	rBV	3014615	4309936	100.00%	9.554%
31	20.474	2953	2956	2958	rBV3	75657	86475	2.01%	0.192%
32	20.598	2974	2977	2981	rBV	62858	74164	1.72%	0.164%
33	21.062	3052	3056	3062	rBV	212840	308404	7.16%	0.684%
34	21.374	3104	3109	3119	rBV	2229423	3031380	70.33%	6.720%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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35	23.527	3469	3475	3488	rVB2	1549239	3095653	71.83%	6.862%
36	23.674	3494	3500	3510	rVB	1139556	2247971	52.16%	4.983%

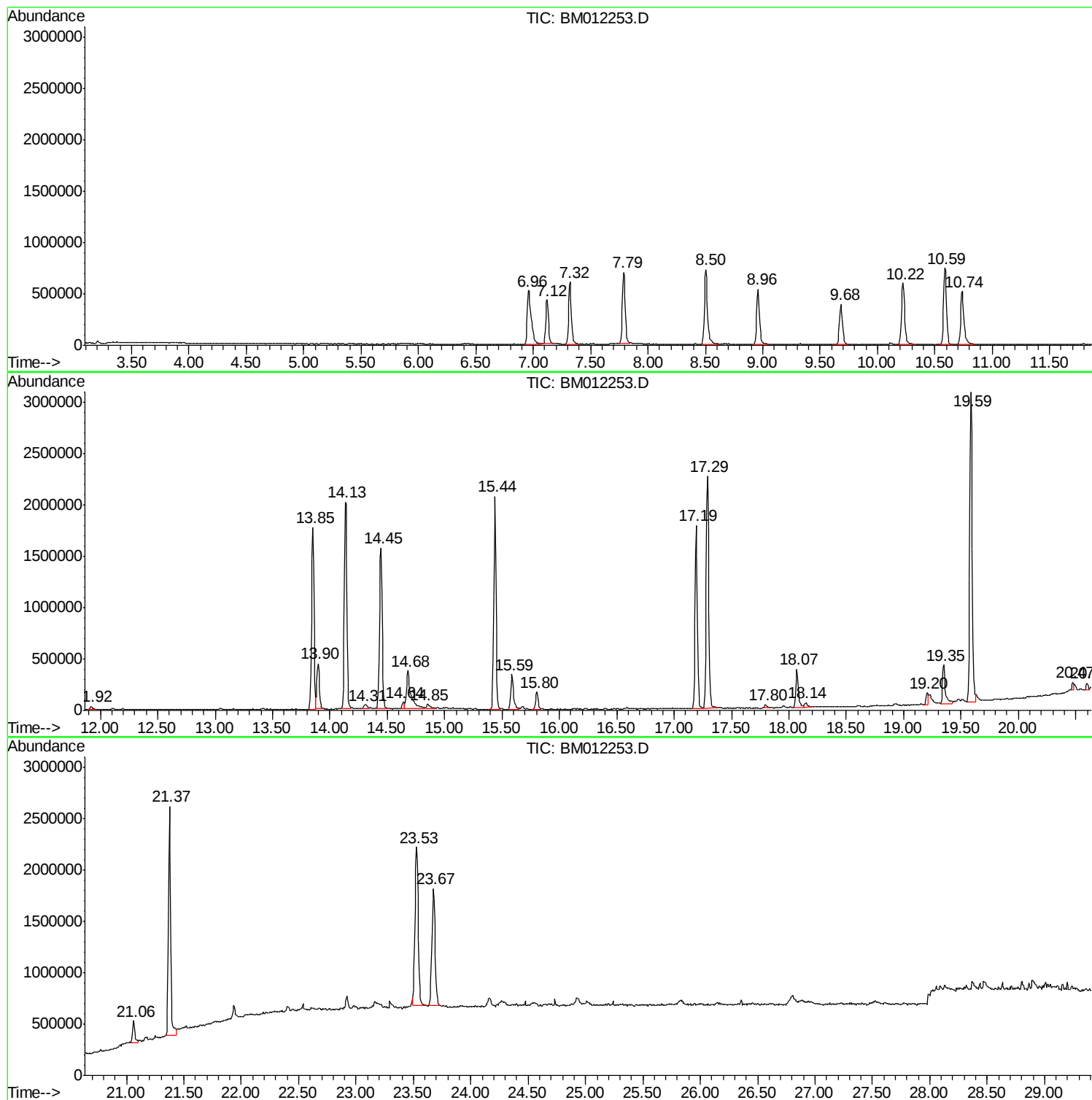
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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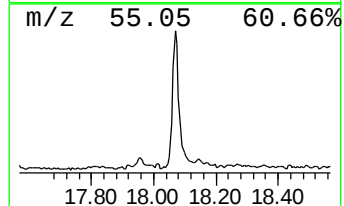
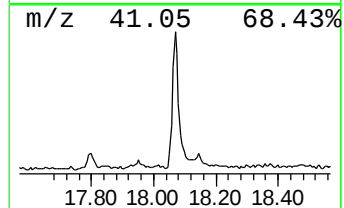
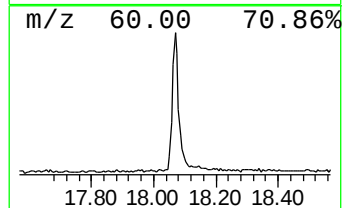
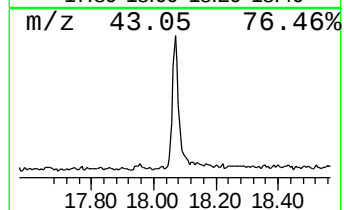
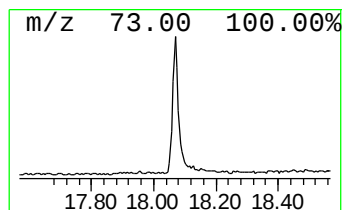
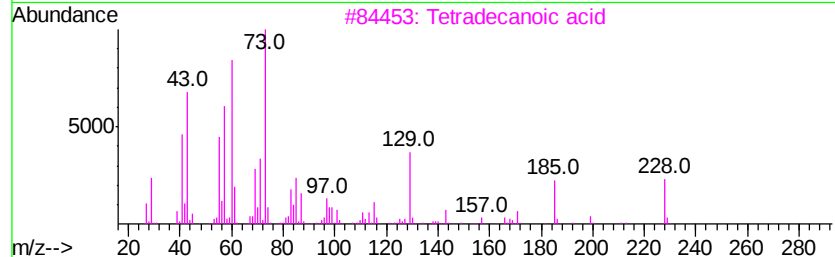
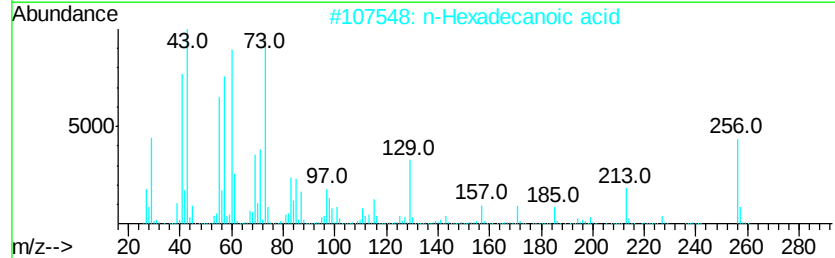
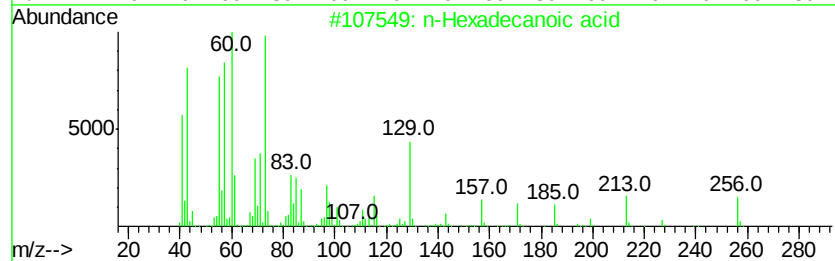
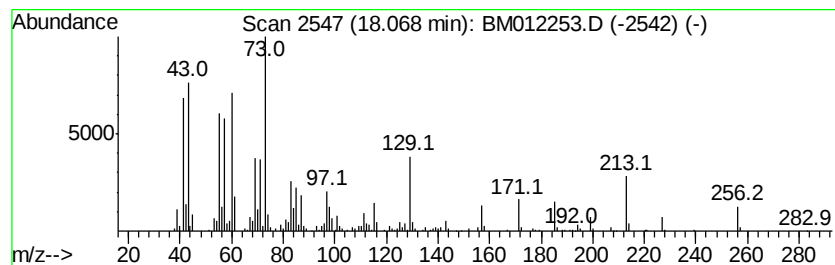
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	4.49 ng/ul	582348	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60



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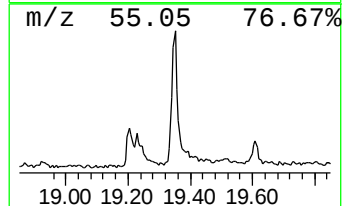
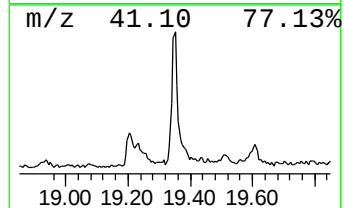
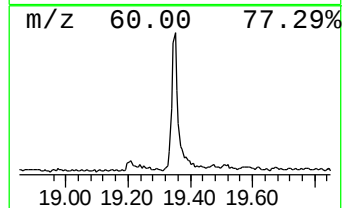
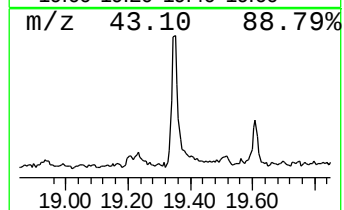
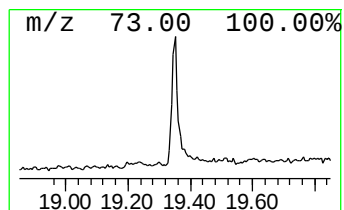
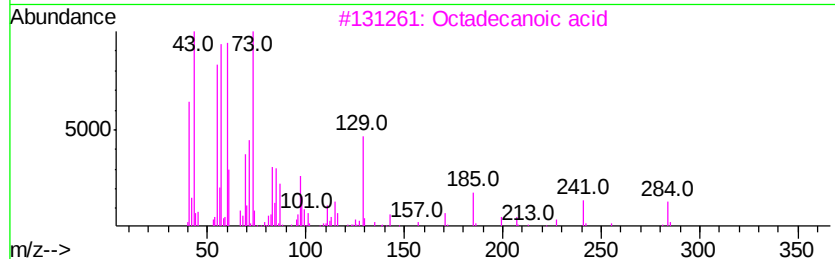
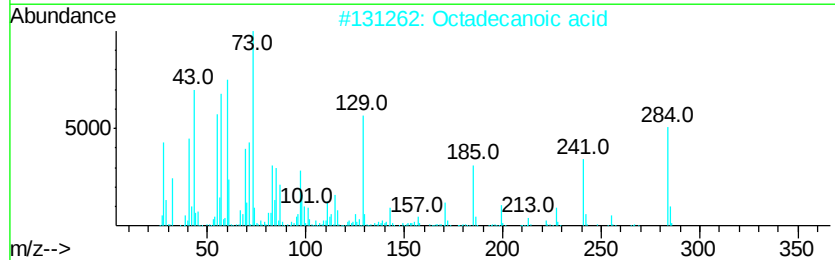
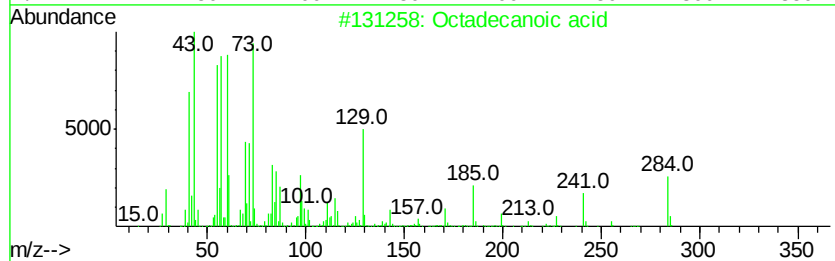
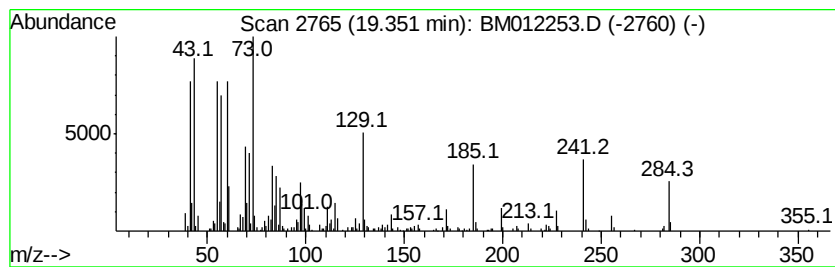
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	3.98 ng/ul	603481	Chrysene-d12	21.37

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	96
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	93



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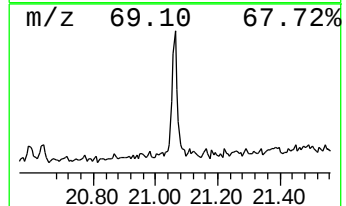
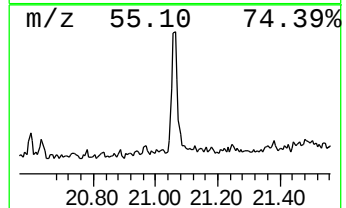
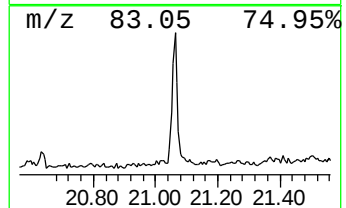
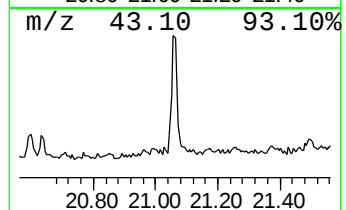
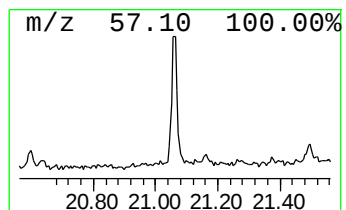
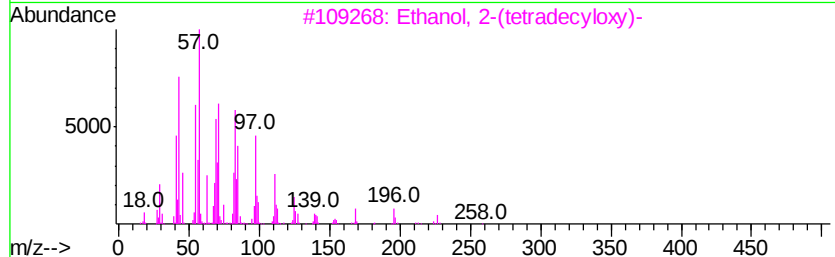
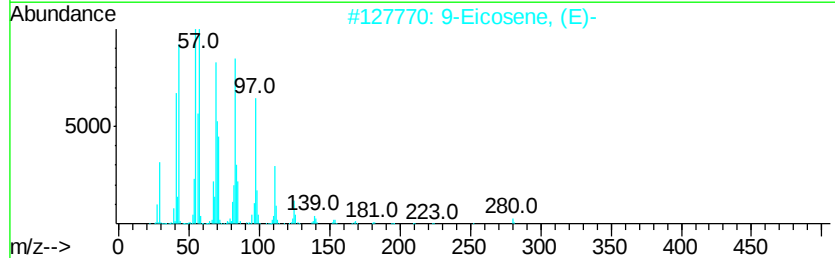
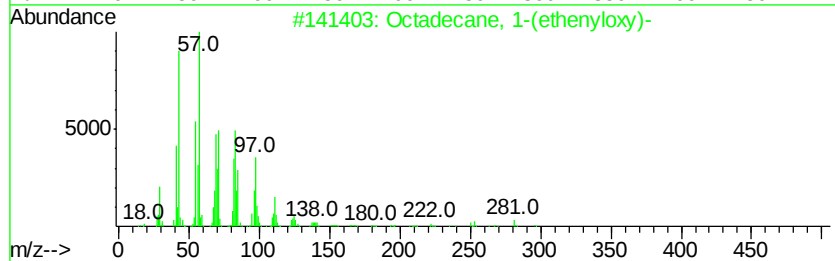
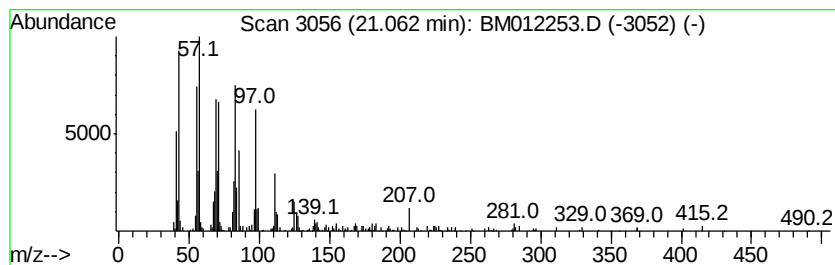
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Peak Number 3 Octadecane, 1-(ethenyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.03 ng/ul	308404	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-(ethenvloxy)-	296	C20H400	000930-02-9	94
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3		Ethanol, 2-(tetradecvloxy)-	258	C16H3402	002136-70-1	90
4		Heptadecyl heptafluorobutyrte	452	C21H35F702	959085-66-6	87
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.07	4.5	ng/ul	582348	4	17.19	2591260	20.0
Octadecanoic acid	19.35	4.0	ng/ul	603481	5	21.37	3031380	20.0
Octadecane, 1-(et...	21.06	2.0	ng/ul	308404	5	21.37	3031380	20.0