

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022915.D
 Acq On : 8 Jul 2016 4:03
 Operator : UM/SJ
 Sample : H3841-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.699	480	487	497	rBV	1051170	1689985	6.97%	2.042%
2	7.303	752	760	771	rBV	746115	1317339	5.43%	1.592%
3	7.685	817	825	834	rVB	1852196	3273543	13.50%	3.956%
4	8.155	897	905	912	rBV	417243	696778	2.87%	0.842%
5	8.478	950	960	970	rBV	1529893	2717235	11.20%	3.284%
6	9.324	1096	1104	1114	rBV	1529050	2810782	11.59%	3.397%
7	10.981	1379	1386	1395	rVB	623000	1109287	4.57%	1.341%
8	13.419	1793	1801	1809	rVB	4311836	6947892	28.64%	8.397%
9	14.800	2028	2036	2043	rBV2	1126644	1862962	7.68%	2.251%
10	16.292	2281	2290	2297	rBV	4574660	7114144	29.33%	8.598%
11	16.939	2389	2400	2418	rBV	2767026	4415459	18.20%	5.336%
12	17.556	2499	2505	2511	rVB2	1574610	2368313	9.76%	2.862%
13	17.697	2525	2529	2537	rBV2	267752	392529	1.62%	0.474%
14	18.460	2648	2659	2674	rBV	11644487	24257322	100.00%	29.316%
15	19.694	2864	2869	2889	rVB	3800028	5412494	22.31%	6.541%
16	20.158	2942	2948	2954	rVB	7870969	10807753	44.55%	13.062%
17	21.845	3228	3235	3243	rVB	1582611	2838833	11.70%	3.431%
18	25.200	3795	3806	3819	rVB2	893590	2711497	11.18%	3.277%

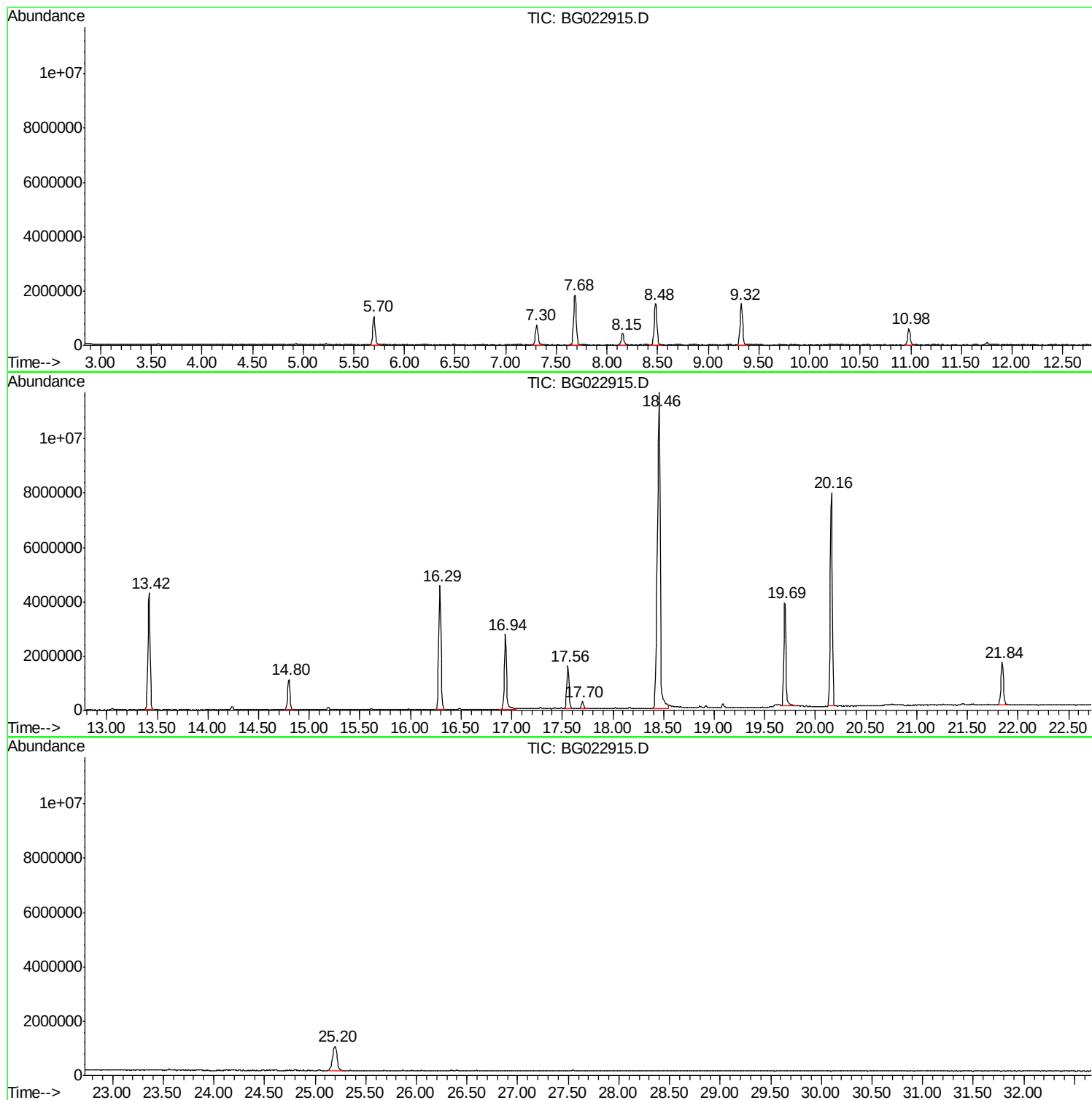
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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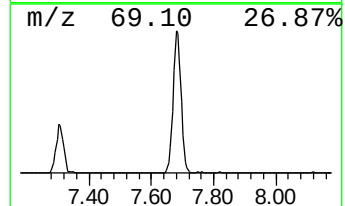
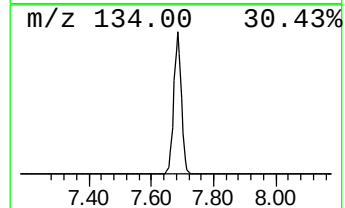
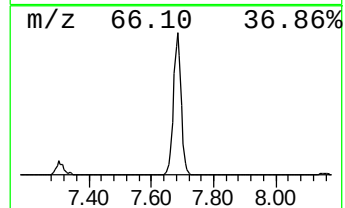
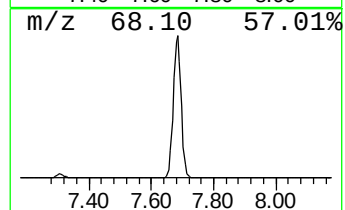
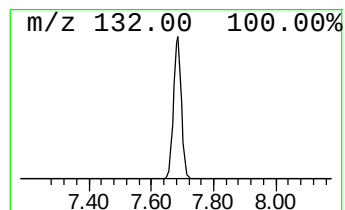
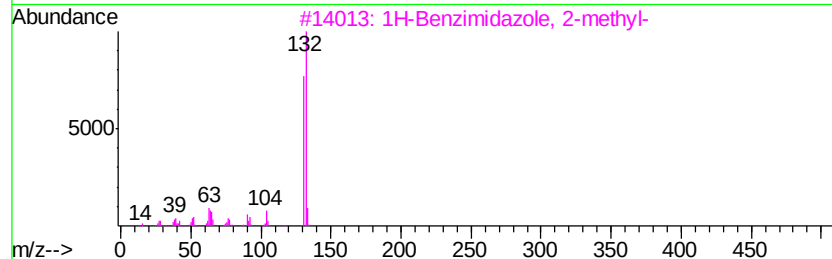
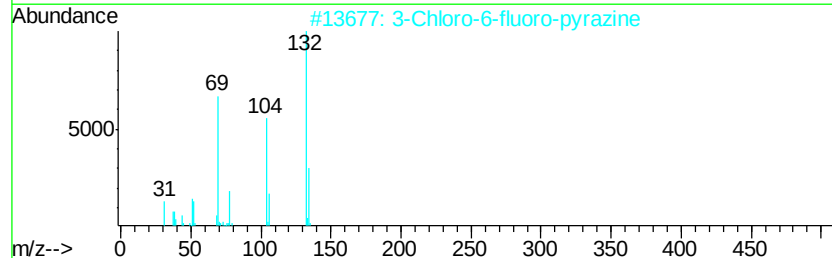
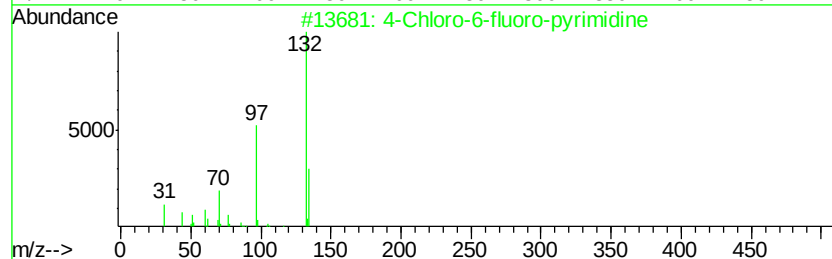
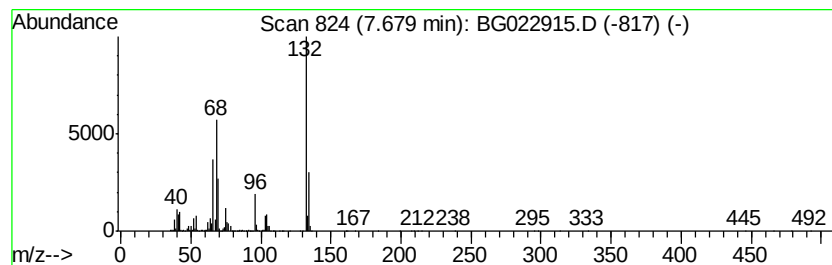
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	93.96 ng	3273540	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		Xenon	132	Xe	007440-63-3	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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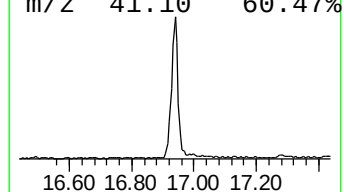
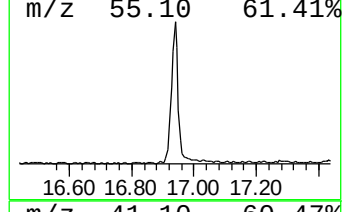
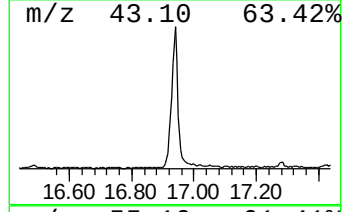
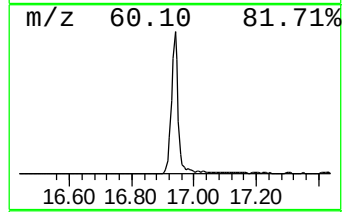
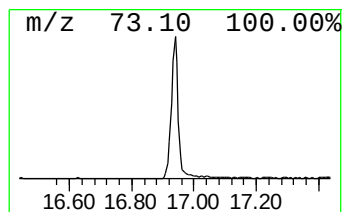
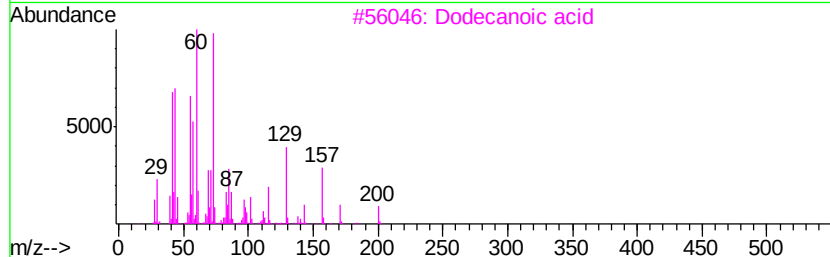
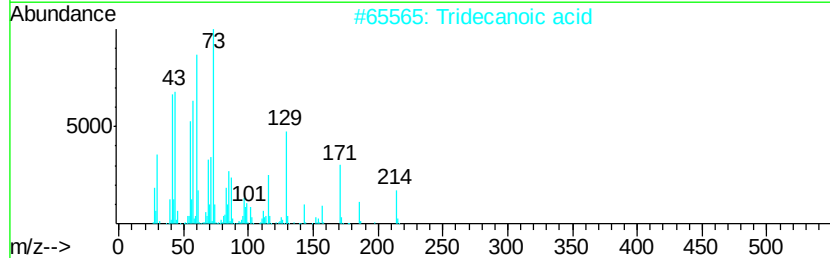
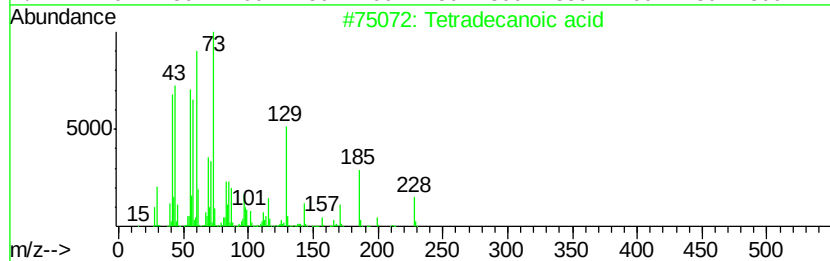
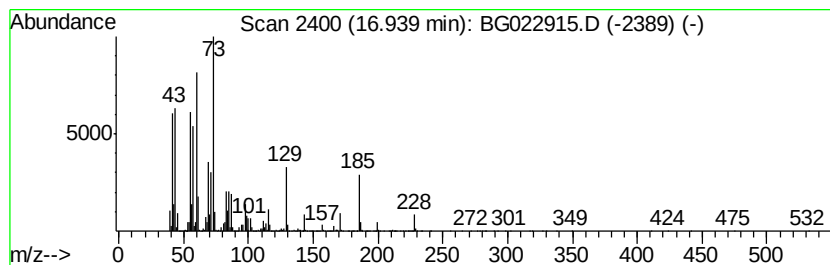
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Peak Number 3 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	37.29 ng	4415460	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Dodecanoic acid	200	C12H24O2	000143-07-7	59
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	Butanoic acid	88	C4H8O2	000107-92-6	35



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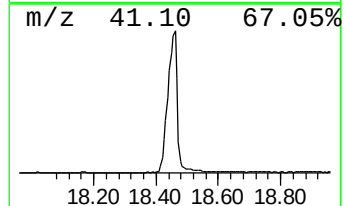
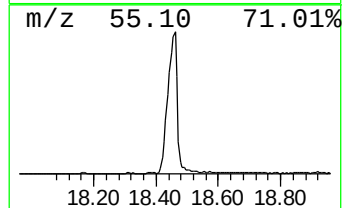
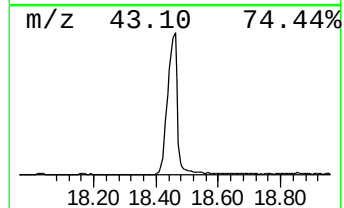
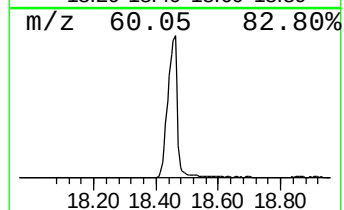
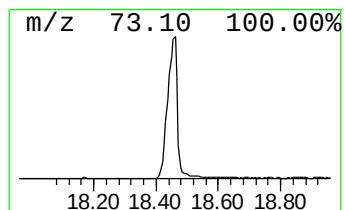
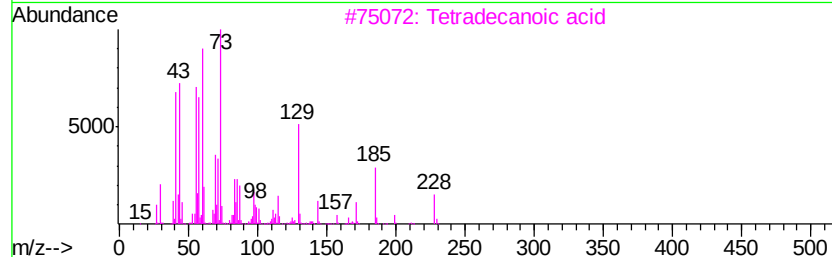
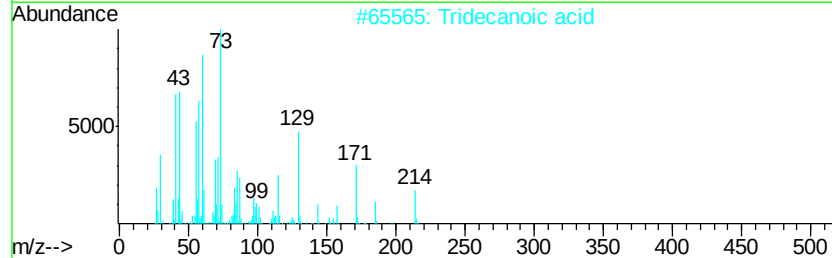
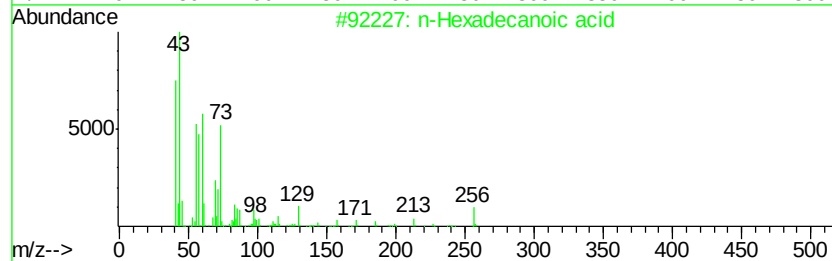
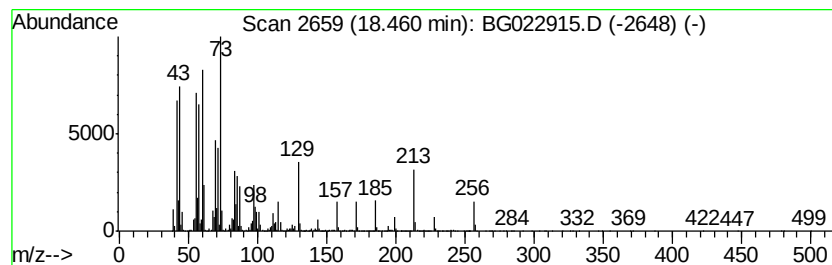
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	204.85 ng	24257300	Phenanthrene-d10	17.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	92
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Butanoic acid	88	C4H8O2	000107-92-6	27



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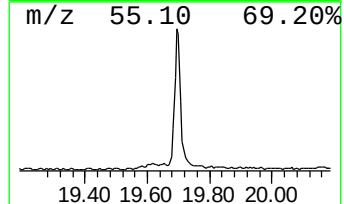
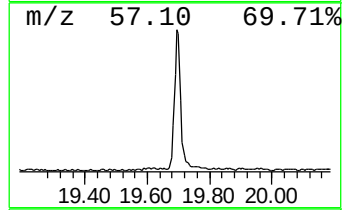
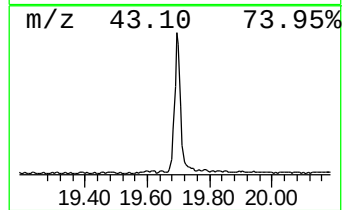
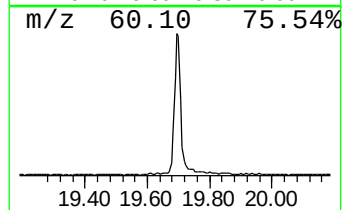
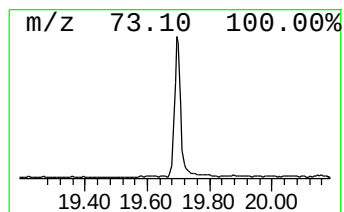
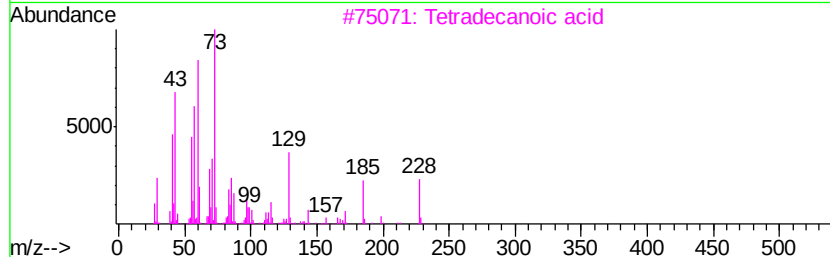
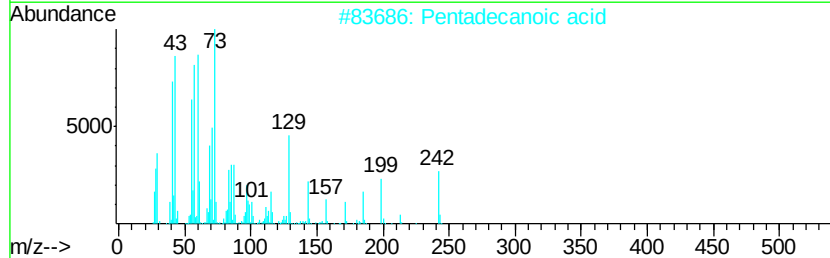
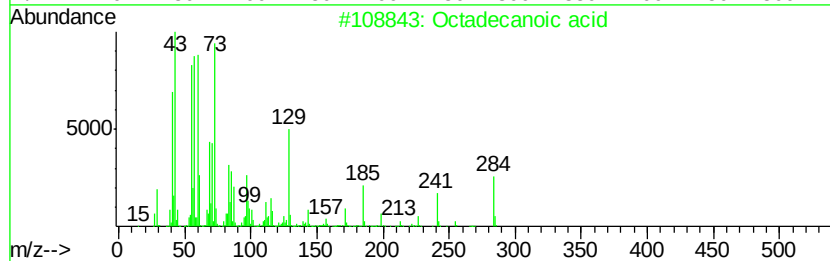
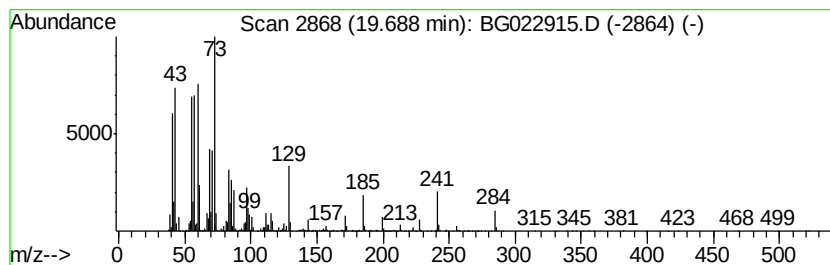
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Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.69	45.71 ng	5412490	Phenanthrene-d10	17.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.68	7.68	94.0	ng	3273540	1	8.15	696778	20.0
Tetradecanoic acid	16.94	37.3	ng	4415460	4	17.56	2368310	20.0
n-Hexadecanoic acid	18.46	204.8	ng	24257300	4	17.56	2368310	20.0
Octadecanoic acid	19.69	45.7	ng	5412490	4	17.56	2368310	20.0