

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090524\
 Data File : BM047448.D
 Acq On : 05 Sep 2024 15:26
 Operator : RC/JU
 Sample : P3821-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MANHOLE-5A-WATER

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:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047448.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.004	354	360	374	rBV	1287398	2126871	15.47%	3.850%
2	6.575	621	627	647	rBV	643209	1360814	9.90%	2.463%
3	7.340	750	757	771	rBV	813648	1318155	9.59%	2.386%
4	8.492	943	953	970	rBV	1861935	3450242	25.10%	6.245%
5	10.092	1218	1225	1246	rBV	934598	1764285	12.84%	3.193%
6	12.604	1644	1652	1680	rBV	5212553	8704987	63.34%	15.756%
7	14.004	1883	1890	1906	rBV	1527855	2541395	18.49%	4.600%
8	15.392	2121	2126	2134	rBV	206253	335608	2.44%	0.607%
9	15.521	2141	2148	2176	rBV	4754545	8062439	58.66%	14.593%
10	16.774	2355	2361	2373	rBV	1908498	3059919	22.26%	5.538%
11	17.704	2514	2519	2540	rBV2	1271021	2241803	16.31%	4.058%
12	19.004	2736	2740	2752	rBV2	770474	1236844	9.00%	2.239%
13	19.439	2808	2814	2829	rBV	10729379	13744290	100.00%	24.877%
14	20.739	3031	3035	3042	rVB	262881	351587	2.56%	0.636%
15	21.021	3077	3083	3094	rBV	1706416	2793996	20.33%	5.057%
16	23.727	3536	3543	3554	rVB	850272	2155559	15.68%	3.902%

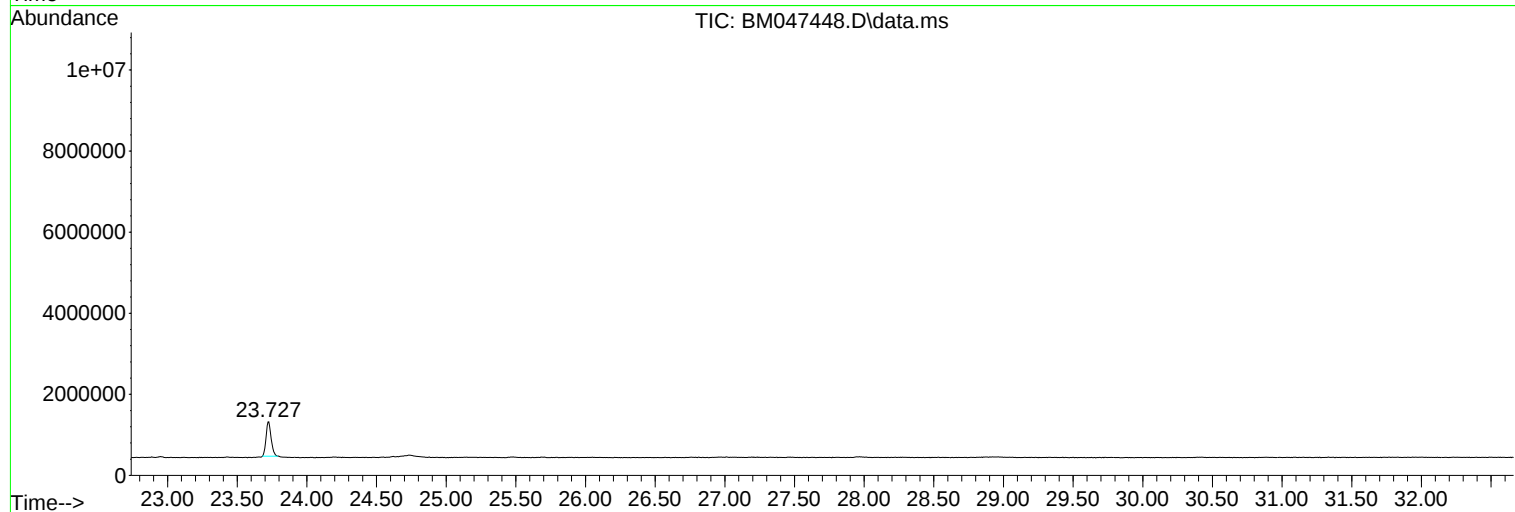
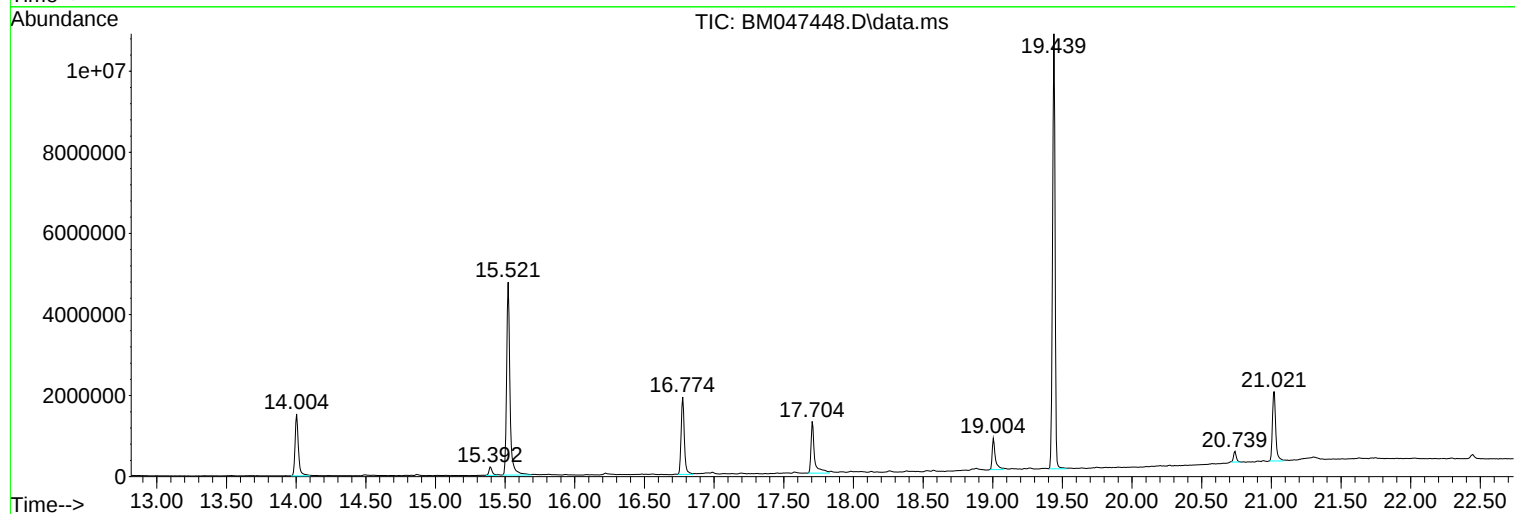
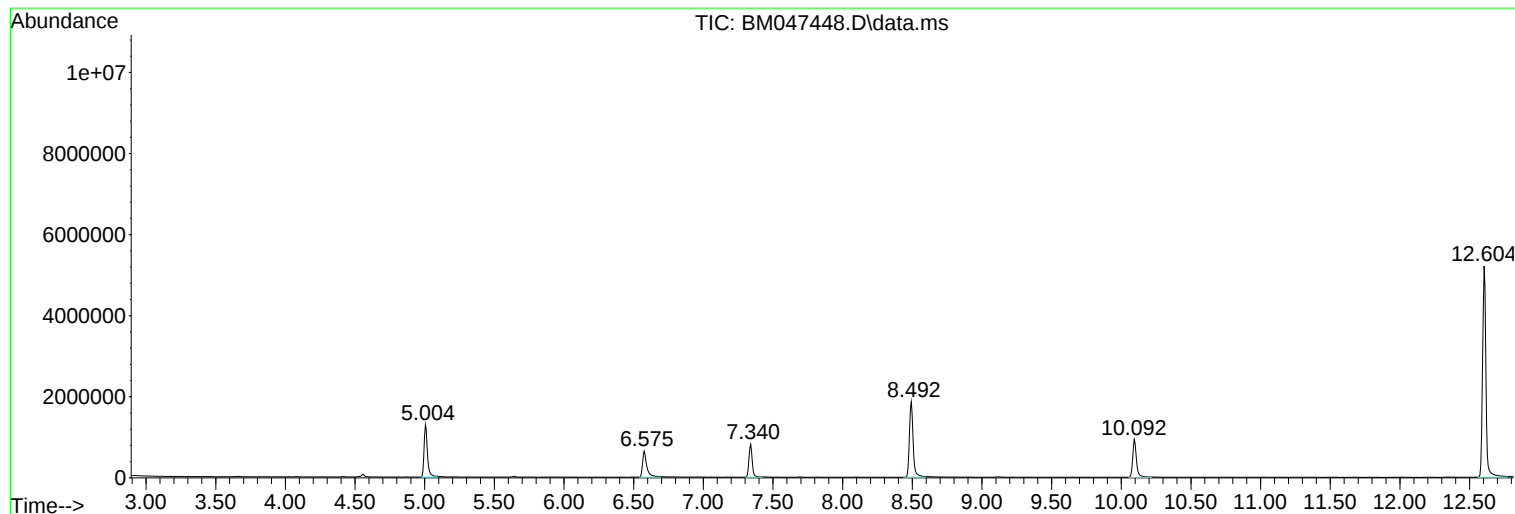
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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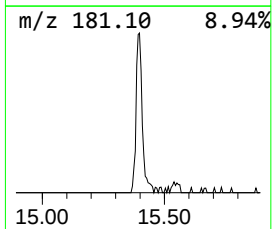
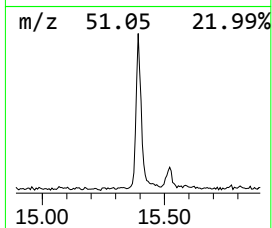
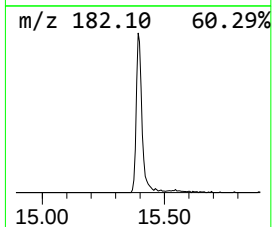
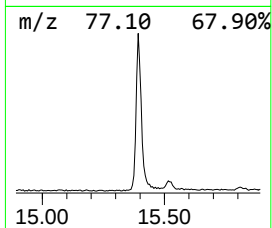
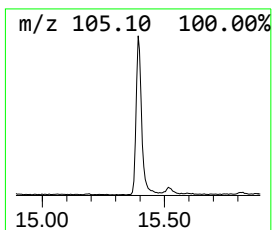
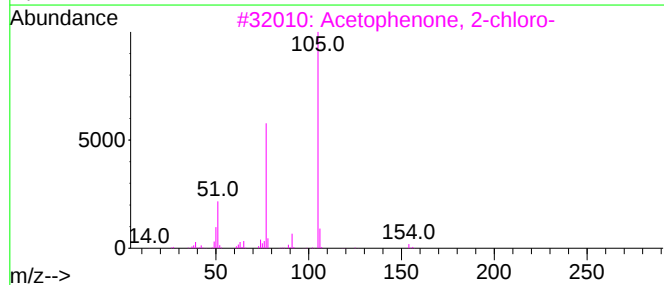
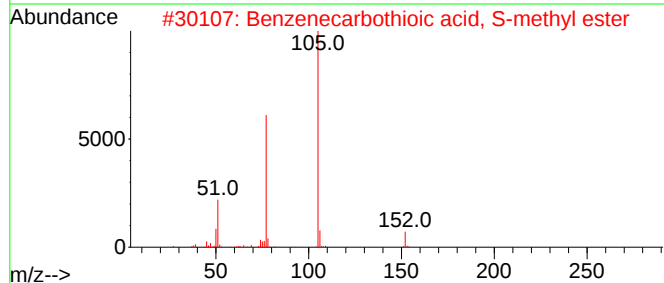
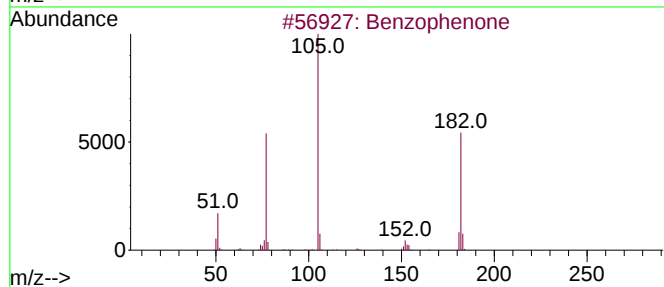
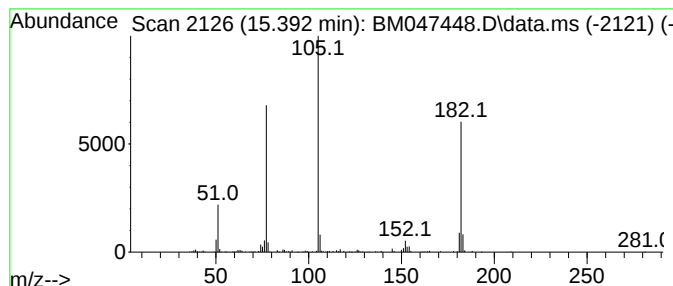
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.392	2.19 ng	335608	Phenanthrene-d10	16.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4			Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	47
5			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47



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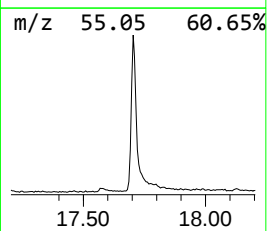
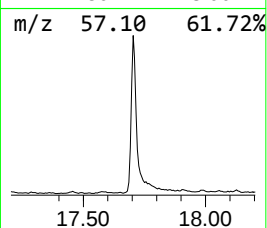
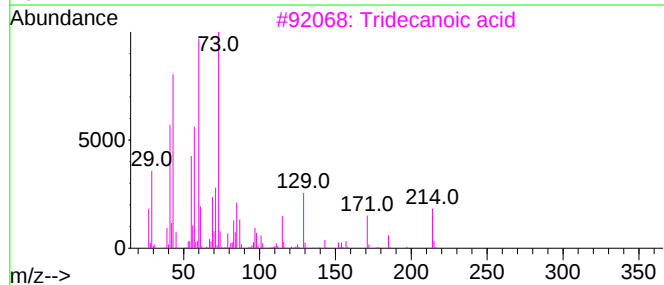
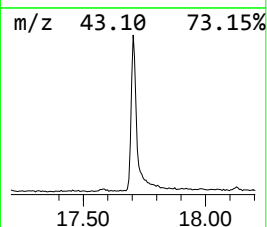
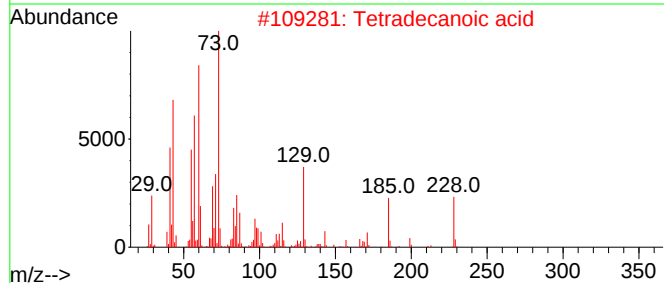
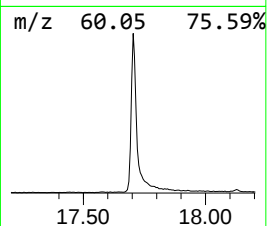
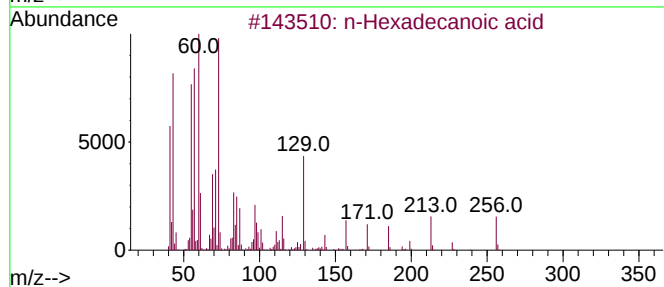
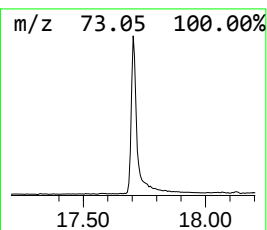
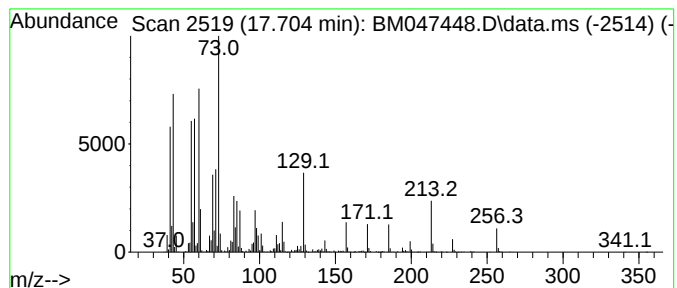
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.704	14.65 ng	2241800	Phenanthrene-d10	16.774

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	91
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	20



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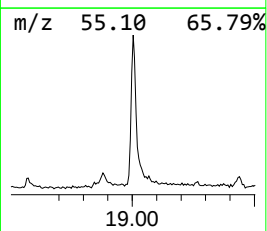
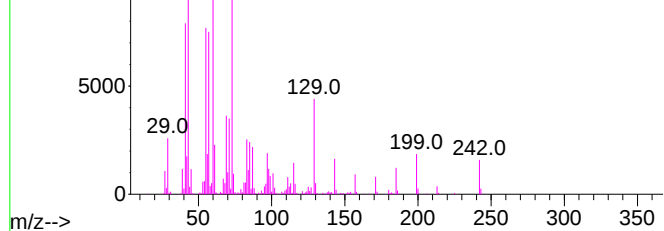
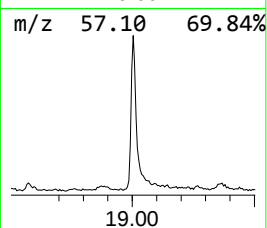
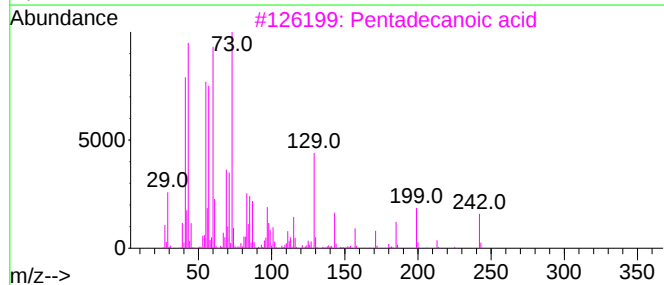
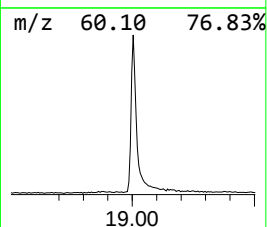
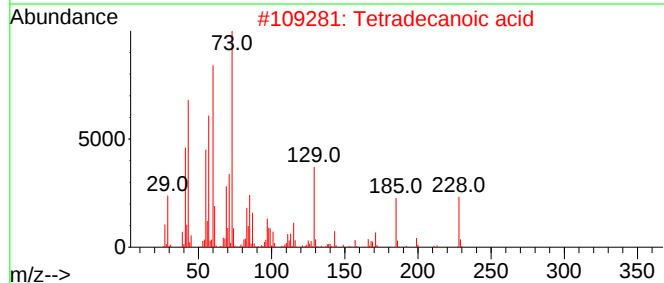
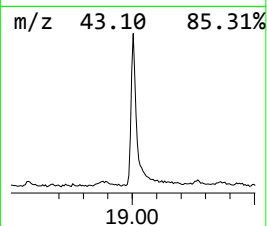
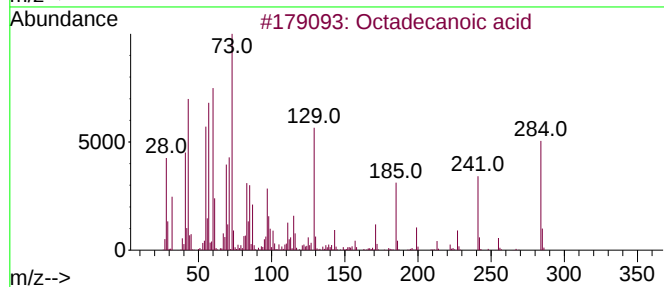
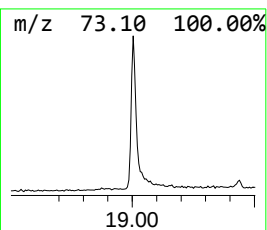
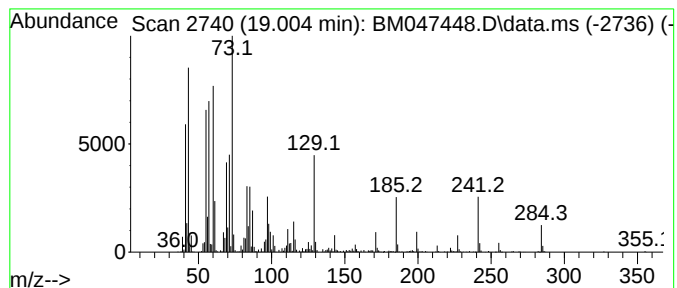
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.003	8.85 ng	1236840	Chrysene-d12	21.021

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			n-Decanoic acid	172	C10H20O2	000334-48-5	70
5			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	25



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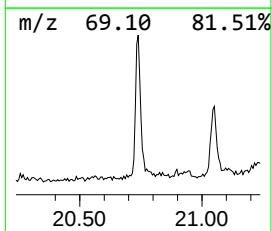
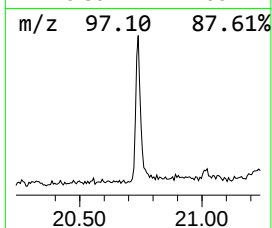
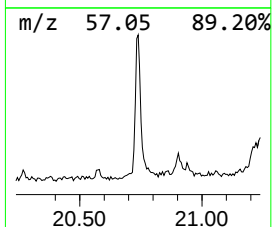
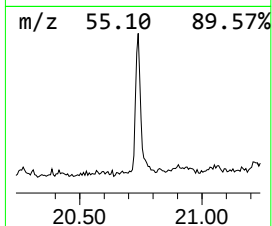
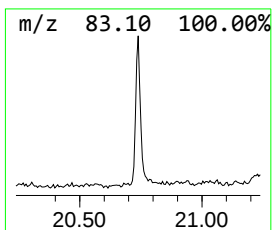
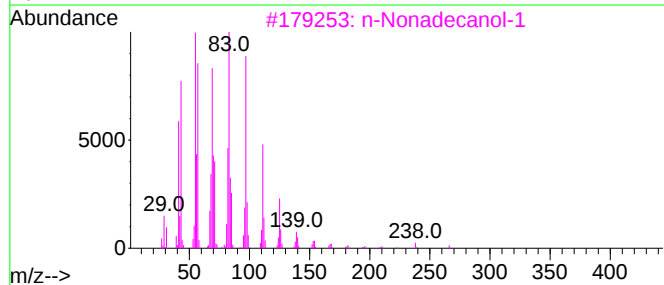
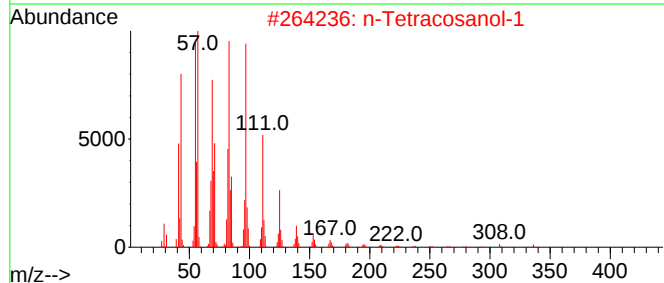
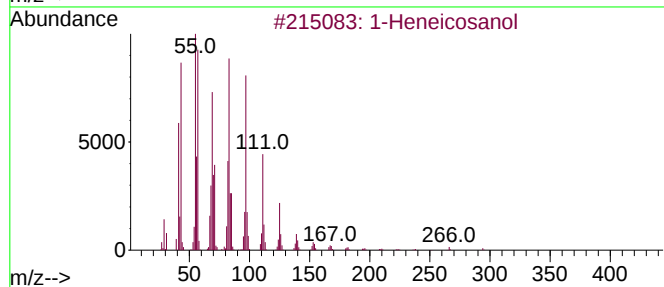
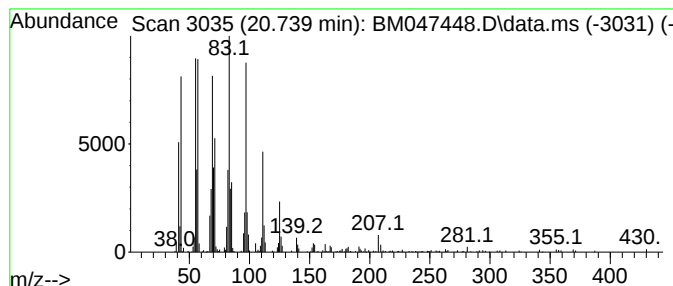
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Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.739	2.52 ng	351587	Chrysene-d12	21.021

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3			n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4			1-Hexacosene	364	C26H52	018835-33-1	94
5			Nonacos-1-ene	406	C29H58	018835-35-3	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.392	2.2	ng	335608	4	16.774	3059920	20.0
n-Hexadecanoic ...	17.704	14.7	ng	2241800	4	16.774	3059920	20.0
Octadecanoic acid	19.003	8.8	ng	1236840	5	21.021	2794000	20.0
1-Heneicosanol	20.739	2.5	ng	351587	5	21.021	2794000	20.0