

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059903.D
 Acq On : 27 Nov 2023 15:34
 Operator : MA/JU
 Sample : 05425-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 O-5(5-10)

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_G\Methods\8270-BG111623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG059903.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.802	403	411	421	rBV	594001	958887	36.78%	8.126%
2	7.436	679	689	695	rBV3	580967	1028262	39.44%	8.714%
3	8.305	831	837	843	rBV2	121203	211209	8.10%	1.790%
4	9.510	1031	1042	1049	rBV	390804	706305	27.09%	5.986%
5	11.155	1315	1322	1328	rVB	174962	289083	11.09%	2.450%
6	13.558	1724	1731	1739	rBV	1135721	1778694	68.23%	15.074%
7	13.763	1760	1766	1775	rBV2	250180	380453	14.59%	3.224%
8	14.939	1956	1966	1972	rVB	294535	444585	17.05%	3.768%
9	16.425	2212	2219	2226	rBV2	992948	1457065	55.89%	12.348%
10	17.688	2428	2434	2441	rVB2	350656	533653	20.47%	4.522%
11	18.282	2527	2535	2539	rBV5	16054	30830	1.18%	0.261%
12	18.505	2568	2573	2582	rBV3	108960	166476	6.39%	1.411%
13	19.439	2729	2732	2735	rVB4	45739	46800	1.80%	0.397%
14	19.762	2783	2787	2792	rVB4	43314	57321	2.20%	0.486%
15	20.268	2867	2873	2878	rBV	2080756	2607062	100.00%	22.094%
16	21.543	3086	3090	3095	rBV5	67804	105399	4.04%	0.893%
17	22.007	3163	3169	3176	rVB2	258670	462226	17.73%	3.917%
18	22.112	3185	3187	3192	rVB6	23458	28664	1.10%	0.243%
19	22.771	3293	3299	3303	rBV9	18326	34942	1.34%	0.296%
20	25.567	3767	3775	3787	rVB	156942	472112	18.11%	4.001%

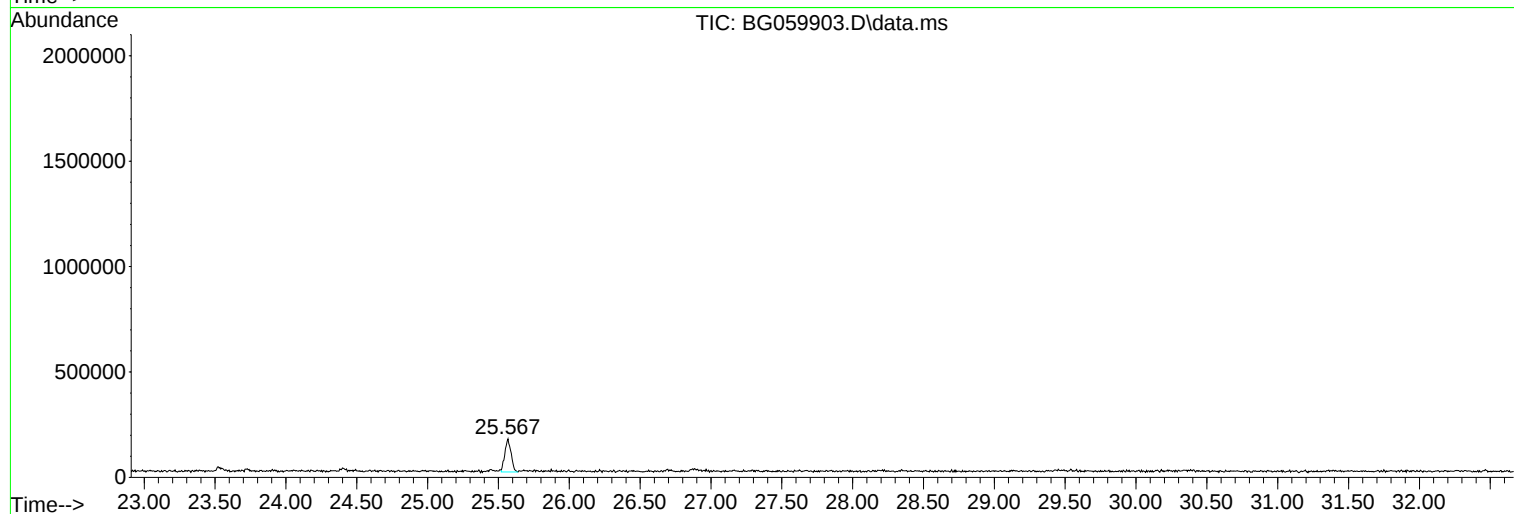
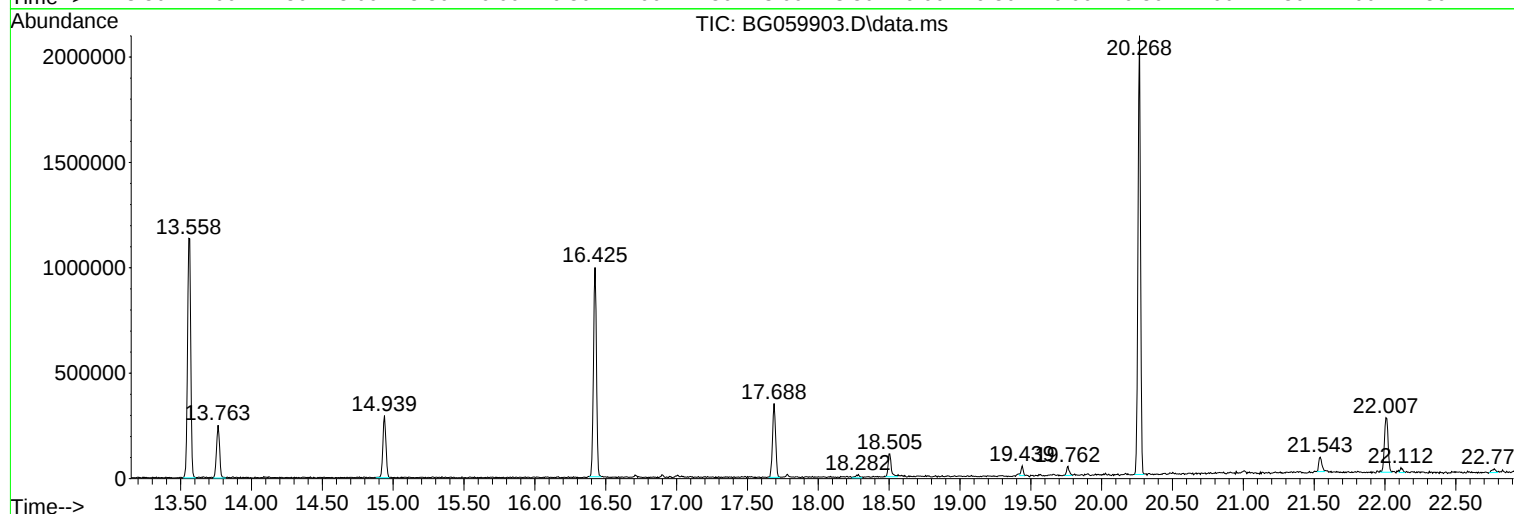
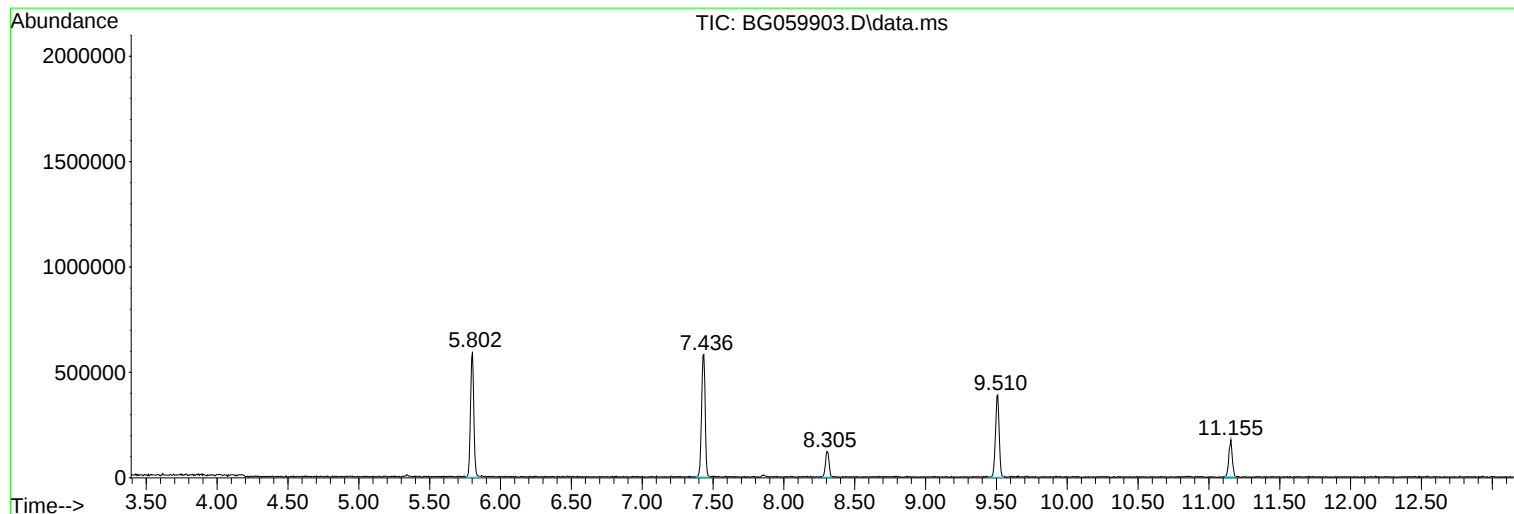
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TIC Library : C:\Database\NIST20.L
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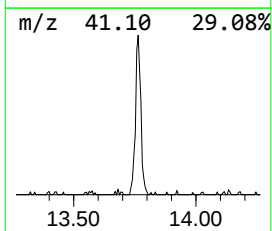
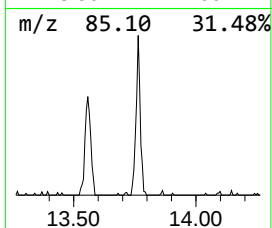
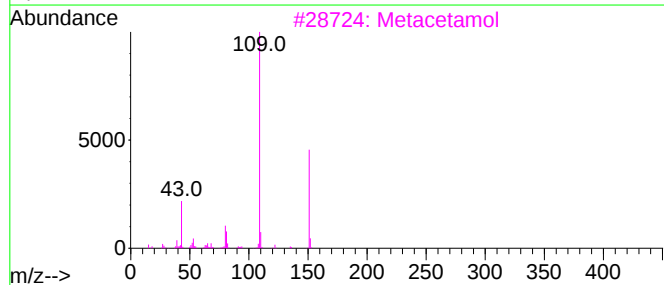
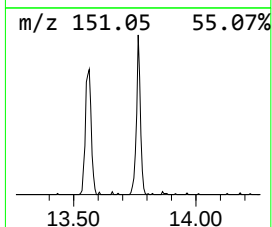
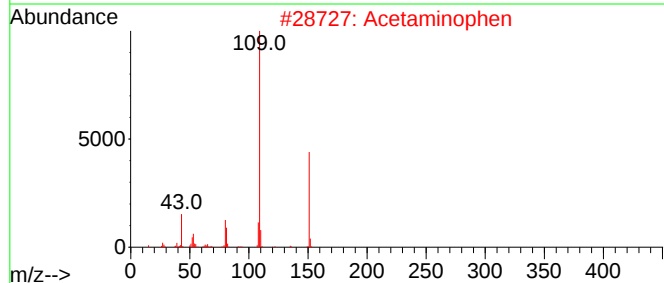
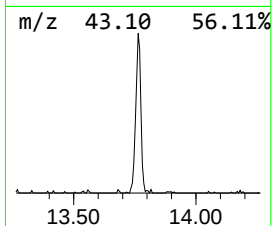
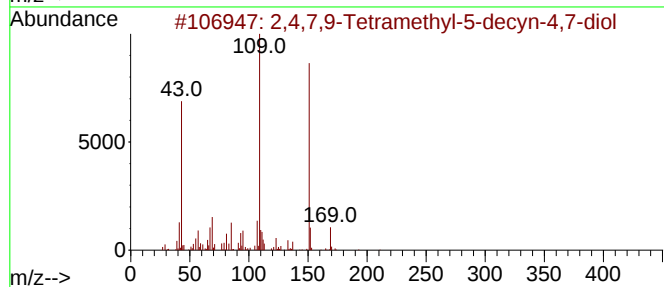
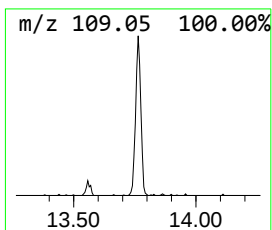
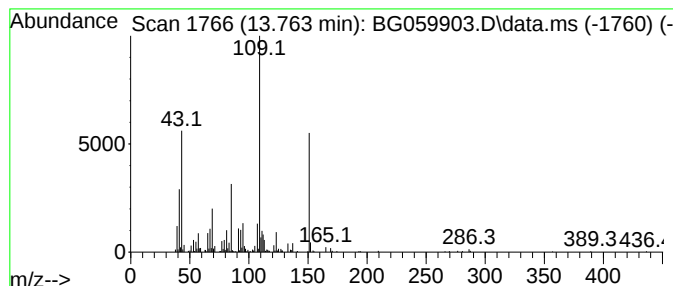
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.763	17.11 ng	380453	Acenaphthene-d10		14.933	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...		226	C14H26O2	000126-86-3	78
2	Acetaminophen		151	C8H9NO2	000103-90-2	52
3	Metacetamol		151	C8H9NO2	000621-42-1	50
4	2-Propenal, 3-(2,2,6-trimethyl-7...		194	C12H18O2	055759-91-6	45
5	N-(4-tert-Butoxyphenyl)acetamide		207	C12H17NO2	002109-73-1	40



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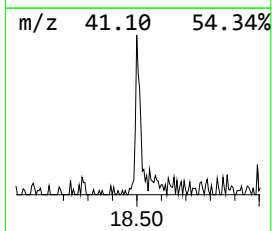
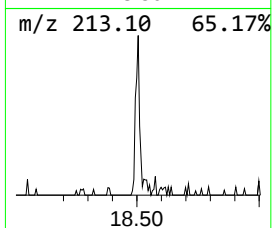
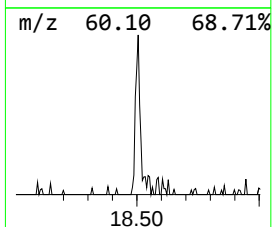
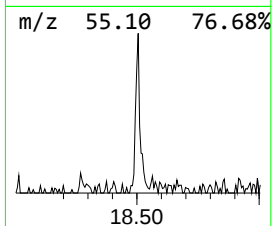
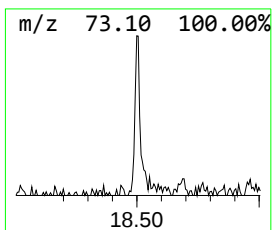
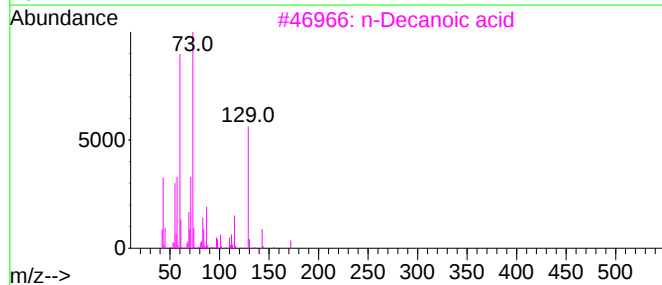
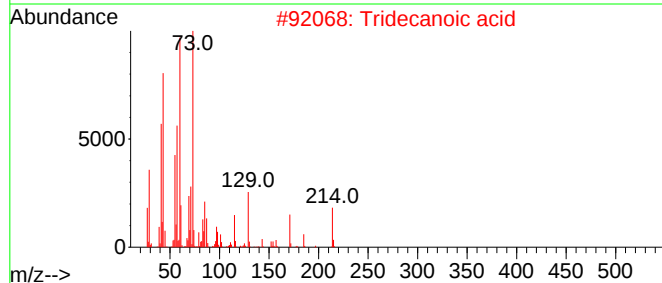
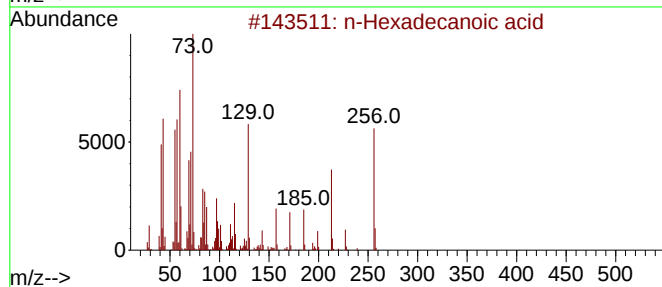
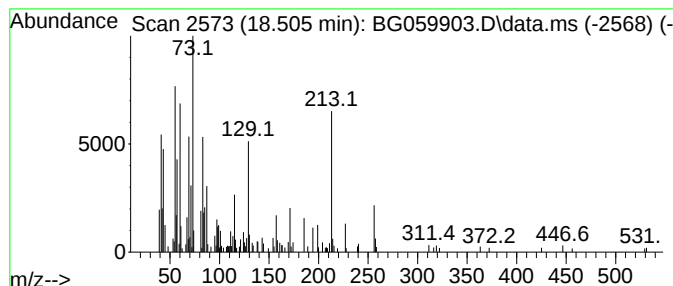
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.505	6.24 ng	166476	Phenanthrene-d10	17.688

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		n-Decanoic acid	172	C10H20O2	000334-48-5	38
4		Dodecanoic acid	200	C12H24O2	000143-07-7	35
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	35



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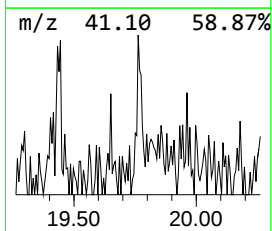
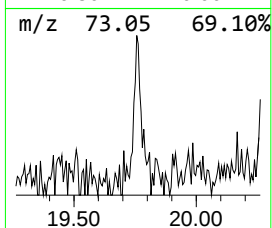
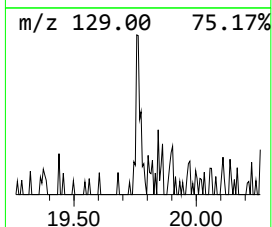
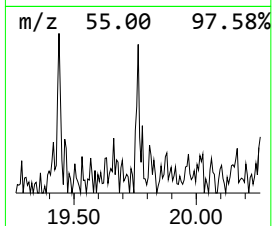
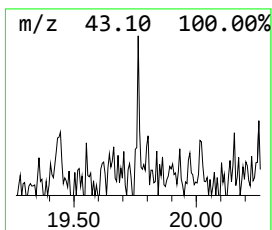
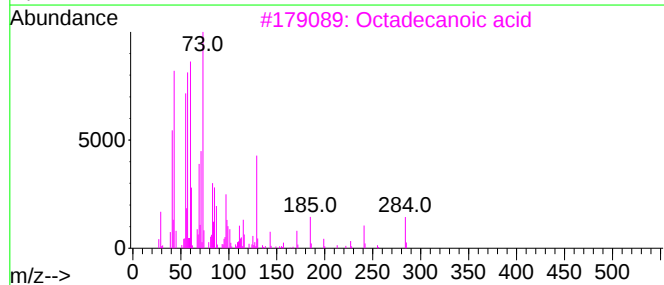
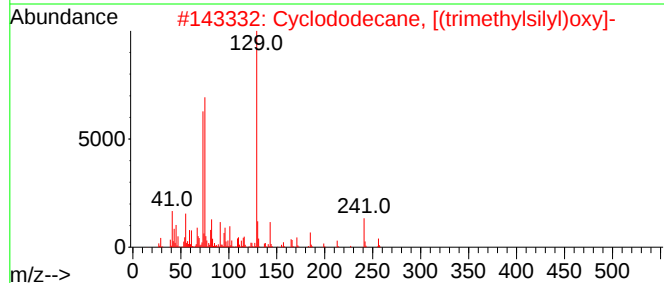
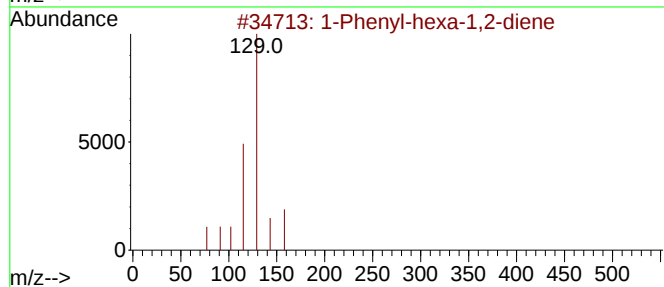
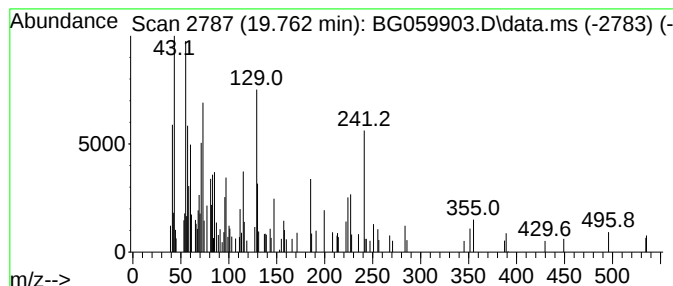
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Peak Number 3 unknown19.762 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.762	2.15 ng	57321	Phenanthrene-d10	17.688

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-hexa-1,2-diene	158	C12H14	1000146-04-1	27
2			Cyclododecane, [(trimethylsilyl)...]	256	C15H32OSi	006221-91-6	27
3			Octadecanoic acid	284	C18H36O2	000057-11-4	25
4			Hexanedioic acid, bis(2-ethylhex...]	370	C22H42O4	000103-23-1	22
5			2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	22



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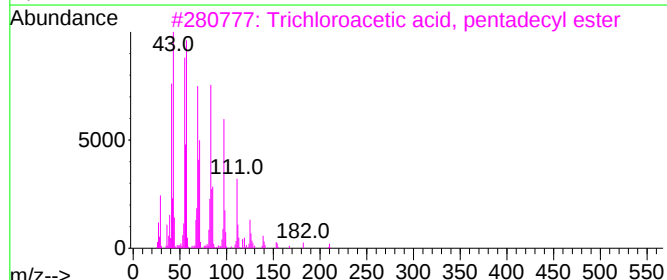
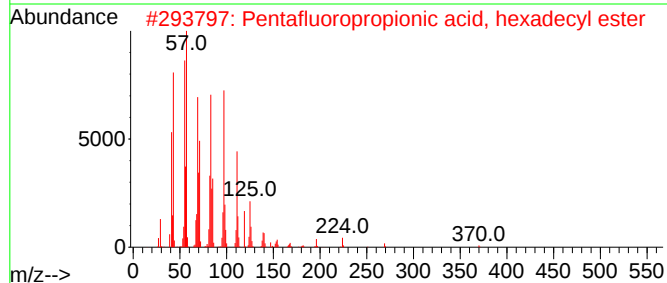
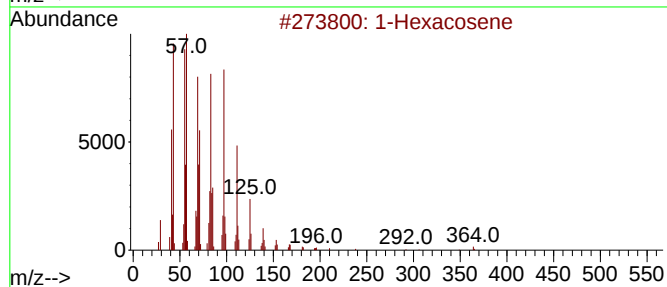
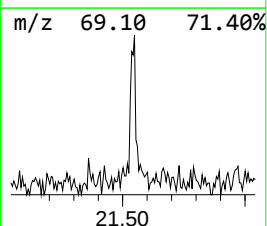
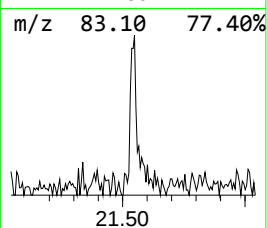
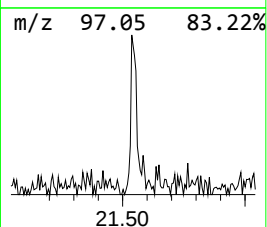
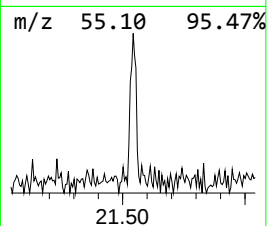
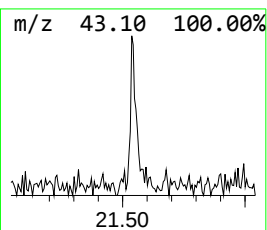
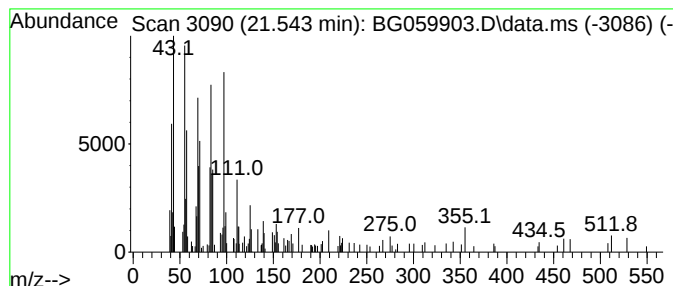
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Peak Number 4 1-Hexacosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.543	4.56 ng	105399	Chrysene-d12	22.007

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene			364	C26H52	018835-33-1	83
2	Pentafluoropropionic acid, hexadecyl ester			388	C19H33F5O2	006222-07-7	83
3	Trichloroacetic acid, pentadecyl ester			372	C17H31Cl3O2	074339-53-0	83
4	1-Tetracosene			336	C24H48	010192-32-2	80
5	Cyclooctacosane			392	C28H56	000297-24-5	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,7,9-Tetrame...	13.763	17.1	ng	380453	3	14.933	444585	20.0
n-Hexadecanoic ...	18.505	6.2	ng	166476	4	17.688	533653	20.0
unknown19.762	19.762	2.1	ng	57321	4	17.688	533653	20.0
1-Hexacosene	21.543	4.6	ng	105399	5	22.007	462226	20.0