

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
 Data File : BM039547.D
 Acq On : 21 Apr 2023 11:54
 Operator : CG/JU
 Sample : 02270-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-25-7.5-9.5-20230411

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-BM041723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039547.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.913	314	319	334	rVB	209669	303336	5.18%	0.901%
2	5.384	393	399	422	rBV	2115979	3262068	55.67%	9.689%
3	7.001	667	674	696	rBV	1946895	3455383	58.97%	10.263%
4	7.819	806	813	833	rBV	559197	994517	16.97%	2.954%
5	8.989	1004	1012	1035	rBV	1139230	2139979	36.52%	6.356%
6	10.625	1283	1290	1311	rBV	666933	1305017	22.27%	3.876%
7	13.095	1703	1710	1734	rBV	3180924	4813542	82.14%	14.297%
8	14.471	1937	1944	1962	rBV	1016697	1626321	27.75%	4.830%
9	15.842	2172	2177	2188	rBV	92498	160285	2.74%	0.476%
10	15.971	2192	2199	2219	rBV	1390344	2164750	36.94%	6.430%
11	17.224	2406	2412	2429	rBV	1049712	1741399	29.72%	5.172%
12	18.130	2560	2566	2593	rBV	389515	992602	16.94%	2.948%
13	19.295	2757	2764	2771	rBV	54437	112779	1.92%	0.335%
14	19.406	2779	2783	2799	rBV	193445	450778	7.69%	1.339%
15	19.859	2854	2860	2877	rBV	4458914	5859831	100.00%	17.405%
16	21.130	3072	3076	3088	rBV	234578	521207	8.89%	1.548%
17	21.418	3120	3125	3141	rBV	1219651	1906406	32.53%	5.662%
18	23.783	3521	3527	3542	rVB2	907340	1857790	31.70%	5.518%

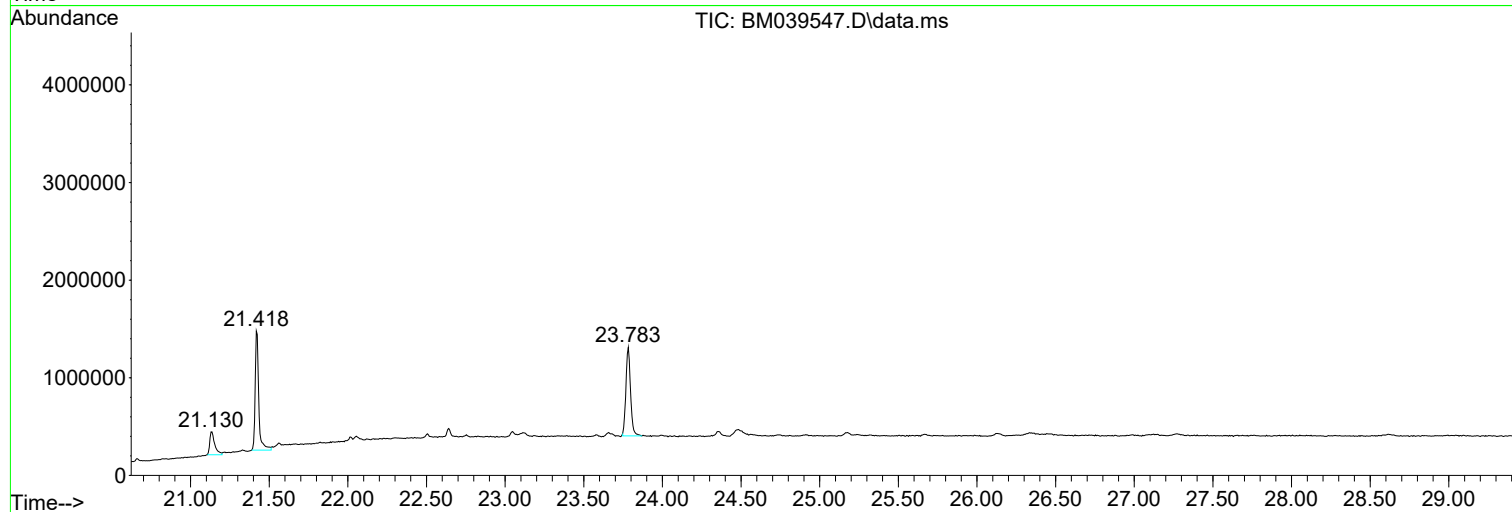
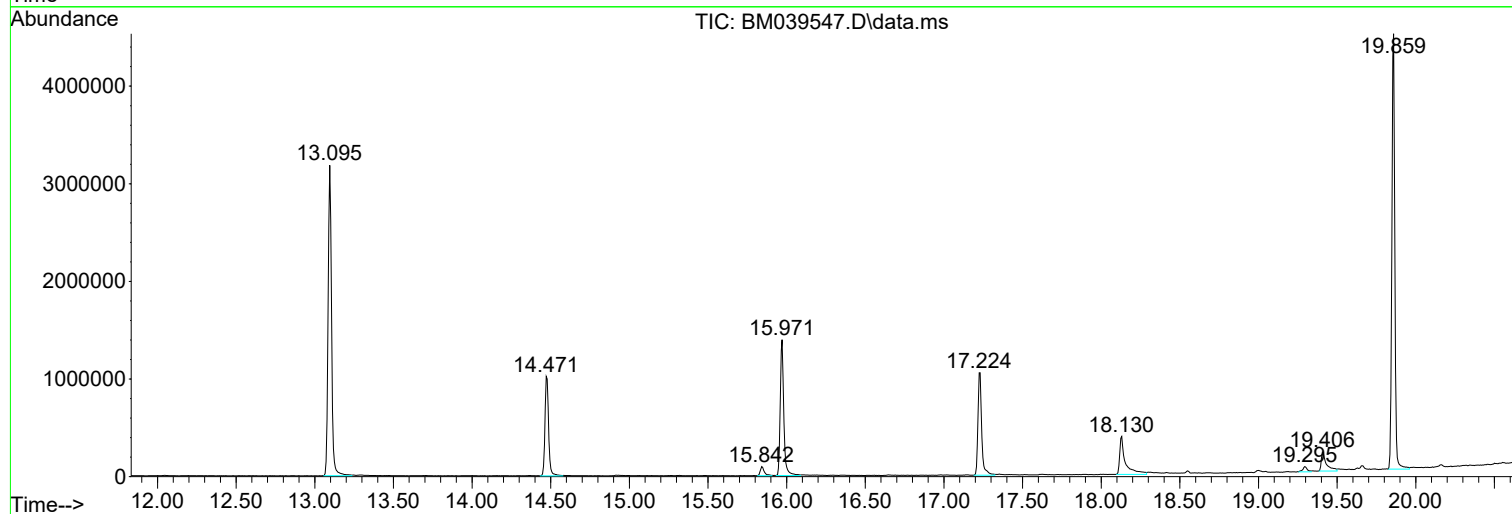
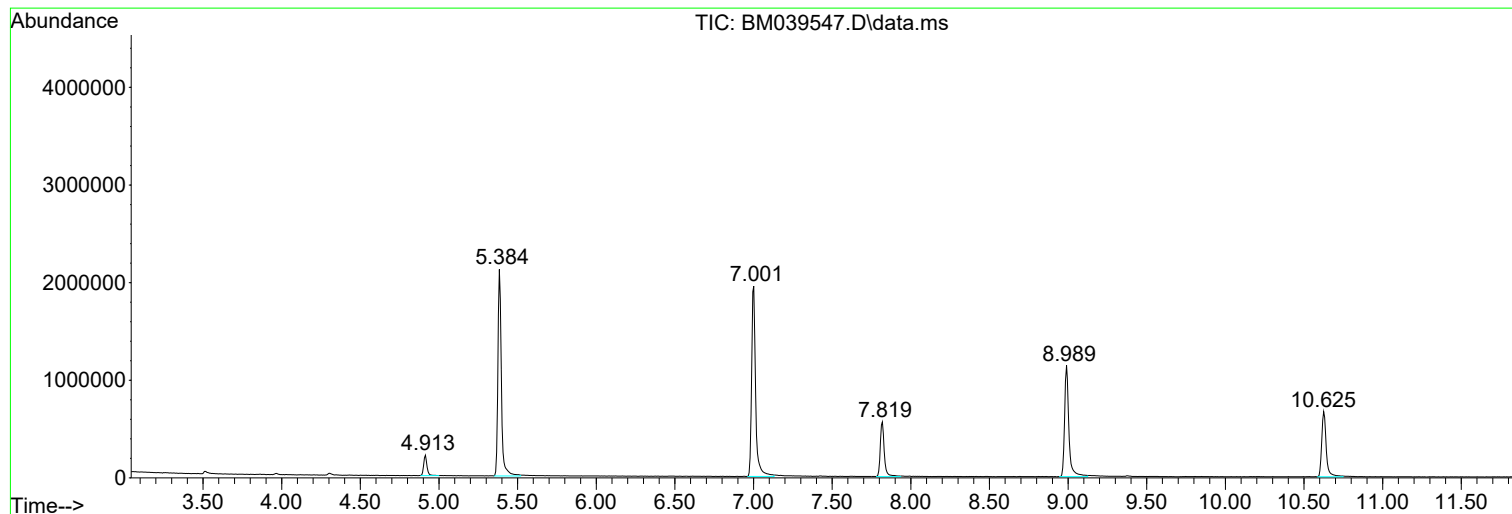
Sum of corrected areas: 33667990

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



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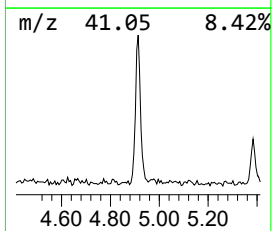
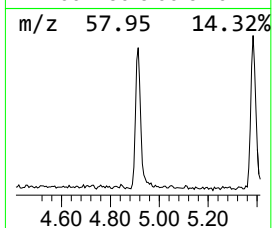
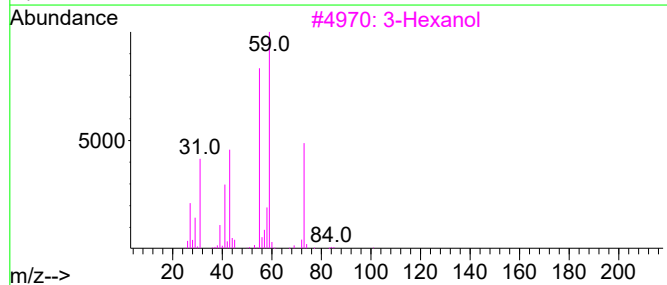
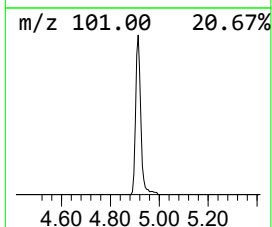
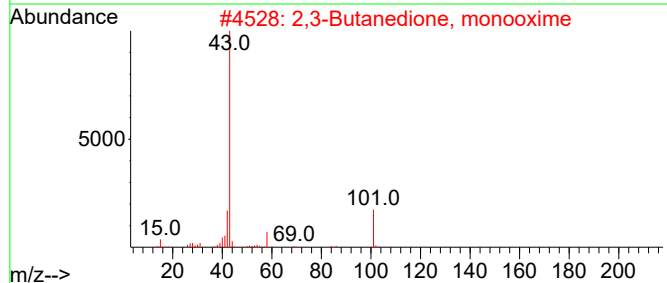
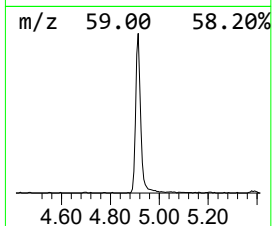
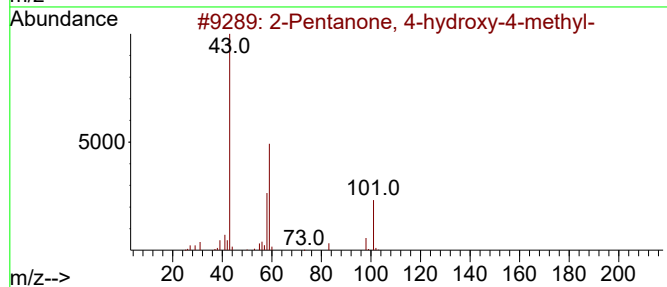
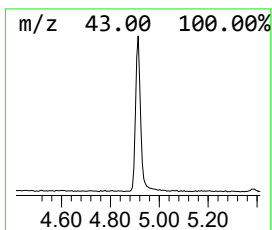
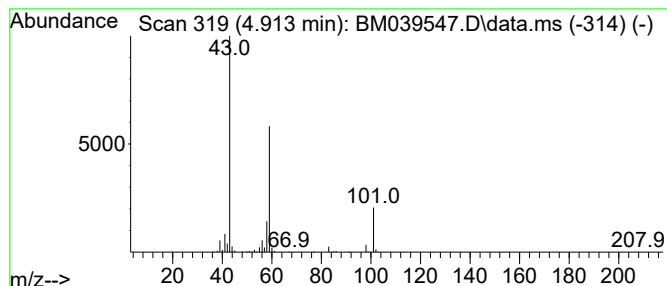
Instrument :
BNA_M
ClientSampleId :
SB-25-7.5-9.5-20230411

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.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-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
4.913	6.10 ng	303336	1,4-Dichlorobenzene-d4			7.819
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime		101	C4H7NO2	000057-71-6	38
3	3-Hexanol		102	C6H14O	000623-37-0	28
4	Acetic acid, cyano-, 1,1-dimethy...		141	C7H11NO2	001116-98-9	17
5	Butane, 1-ethoxy-		102	C6H14O	000628-81-9	9



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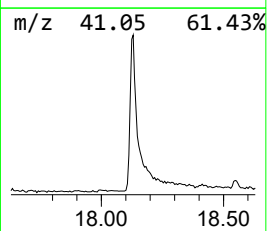
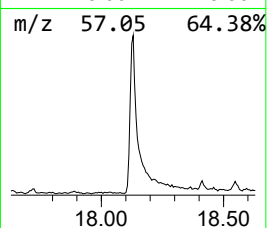
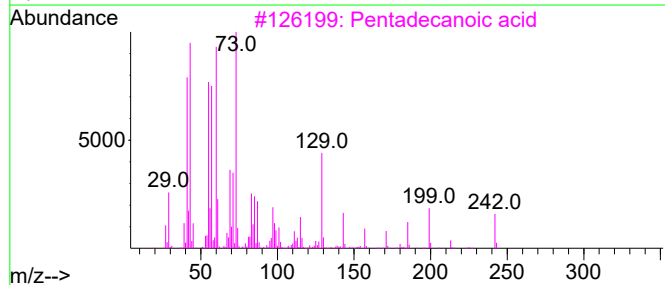
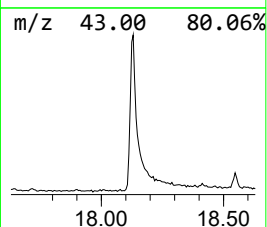
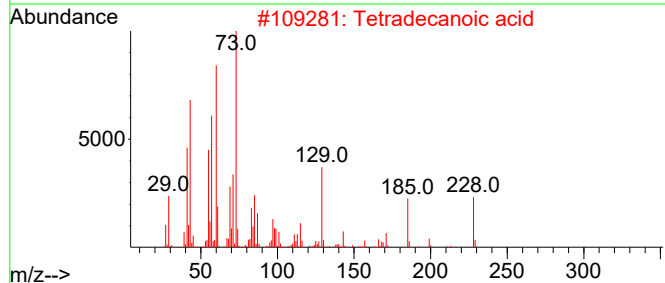
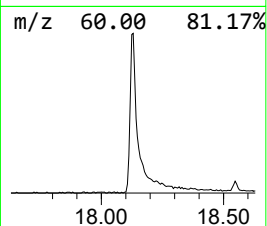
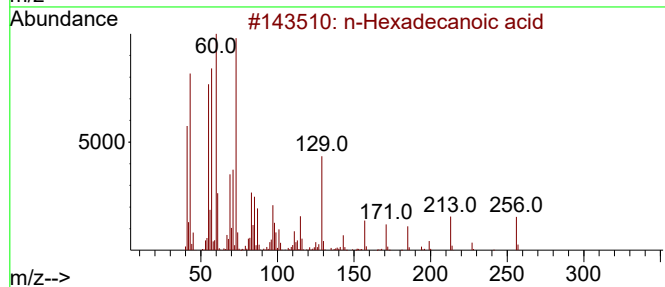
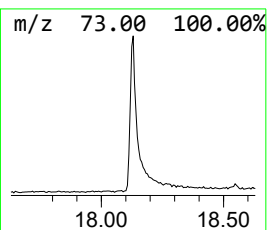
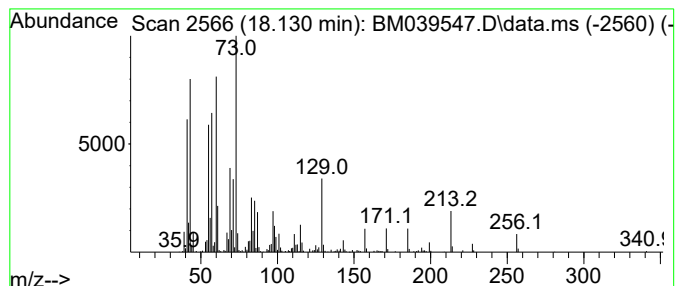
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	11.40 ng	992602	Phenanthrene-d10	17.230

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	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Octadecanoic acid	284	C18H36O2	000057-11-4	87
5			Tridecanoic acid	214	C13H26O2	000638-53-9	81



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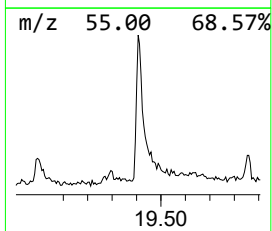
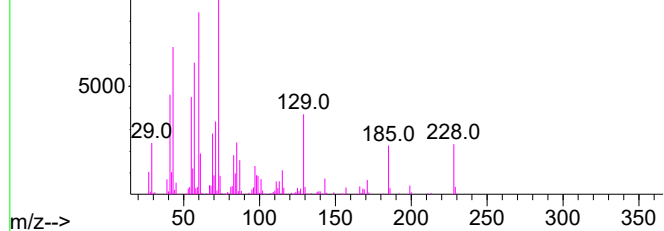
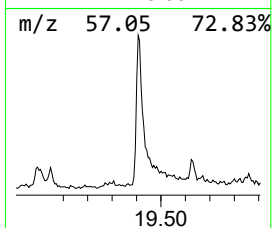
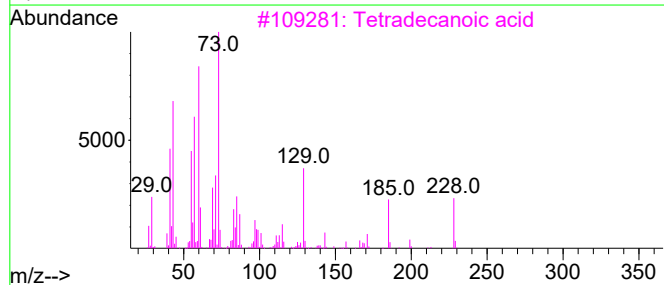
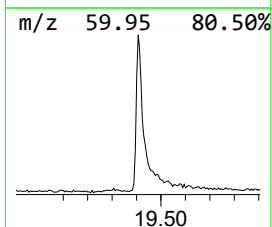
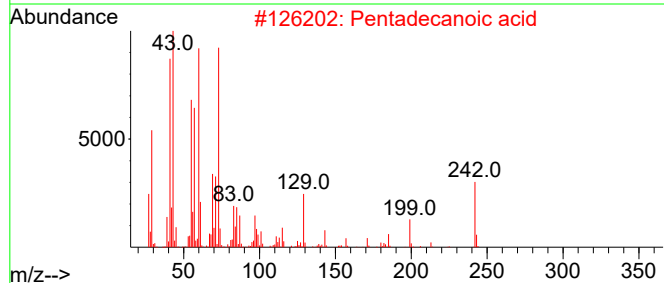
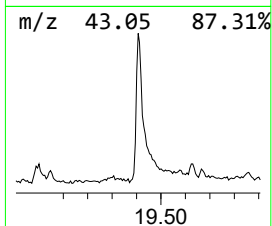
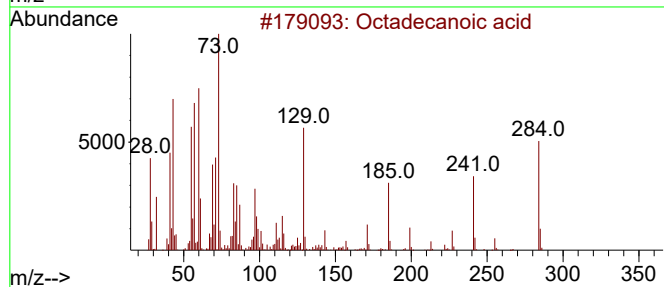
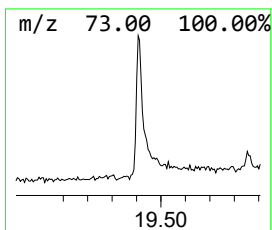
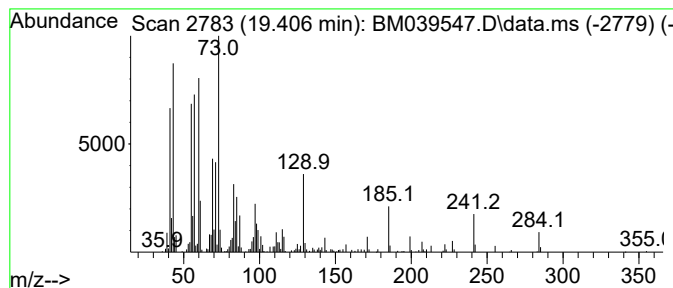
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.406	4.73 ng	450778	Chrysene-d12	21.418

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	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	20



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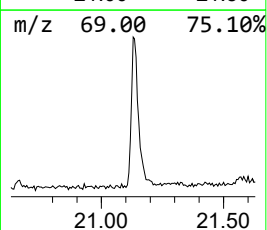
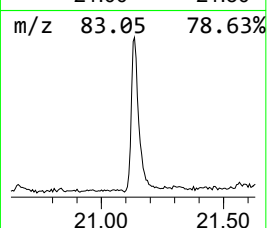
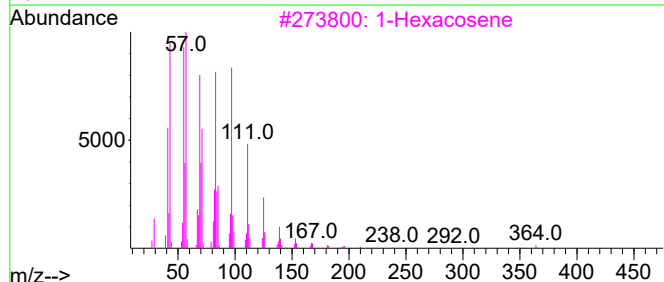
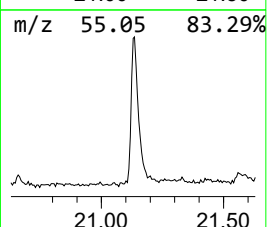
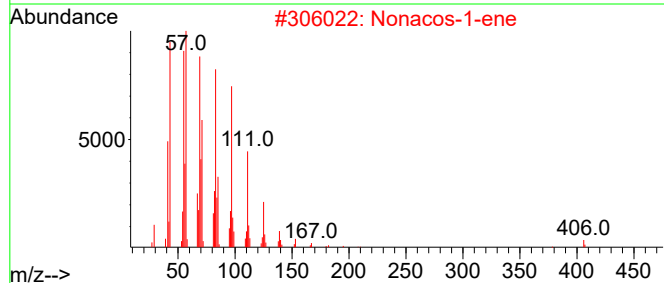
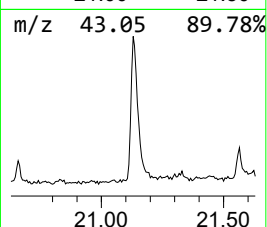
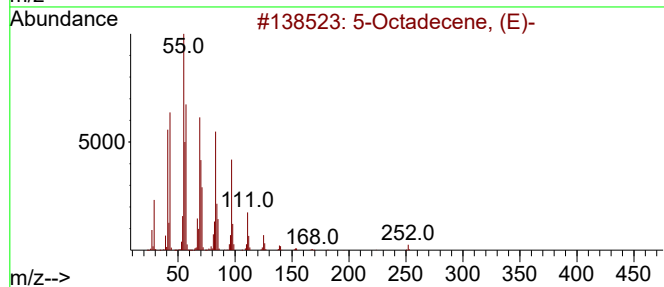
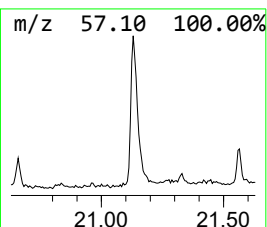
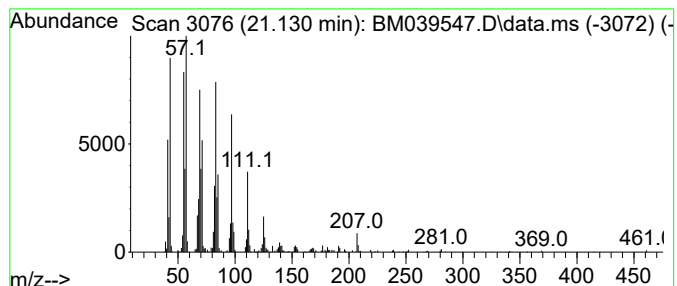
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Peak Number 4 5-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.130	5.47 ng	521207	Chrysene-d12	21.418

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2		Nonacos-1-ene	406	C29H58	018835-35-3	94
3		1-Hexacosene	364	C26H52	018835-33-1	94
4		Cyclopentadecane	210	C15H30	000295-48-7	93
5		1-Heptadecene	238	C17H34	006765-39-5	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.913	6.1	ng	303336	1	7.819	994517	20.0
n-Hexadecanoic ...	18.130	11.4	ng	992602	4	17.230	1741400	20.0
Octadecanoic acid	19.406	4.7	ng	450778	5	21.418	1906410	20.0
5-Octadecene, (E)-	21.130	5.5	ng	521207	5	21.418	1906410	20.0