

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080123\
 Data File : BP016452.D
 Acq On : 01 Aug 2023 12:47
 Operator : MA/JU
 Sample : 03686-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-21-16-18-20230719

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_P\Methods\8270E-BP072723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP016452.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.593	384	392	405	rBV	9543987	14351425	47.39%	10.272%
2	7.216	659	668	679	rBV	9096718	15413795	50.89%	11.032%
3	8.075	806	814	825	rBV	1583464	2617449	8.64%	1.873%
4	9.275	1006	1018	1026	rBV	5927322	10066720	33.24%	7.205%
5	10.910	1288	1296	1305	rBV	2295012	3811946	12.59%	2.728%
6	13.351	1701	1711	1718	rBV	14995028	23174247	76.52%	16.586%
7	14.728	1936	1945	1953	rBV	3536285	5123659	16.92%	3.667%
8	16.151	2144	2187	2189	rBV10	212877	1481688	4.89%	1.060%
9	16.222	2193	2199	2211	rVB	8805237	12762820	42.14%	9.135%
10	17.492	2408	2415	2426	rBV	4459714	6091341	20.11%	4.360%
11	18.339	2553	2559	2572	rBV	1254940	1833096	6.05%	1.312%
12	19.569	2764	2768	2781	rBV	928506	1435801	4.74%	1.028%
13	20.045	2842	2849	2854	rBV	21905164	30285661	100.00%	21.676%
14	21.251	3050	3054	3070	rBV	788354	1202964	3.97%	0.861%
15	21.592	3106	3112	3122	rVB	3891678	5240556	17.30%	3.751%
16	24.186	3546	3553	3570	rVB	2225660	4826553	15.94%	3.454%

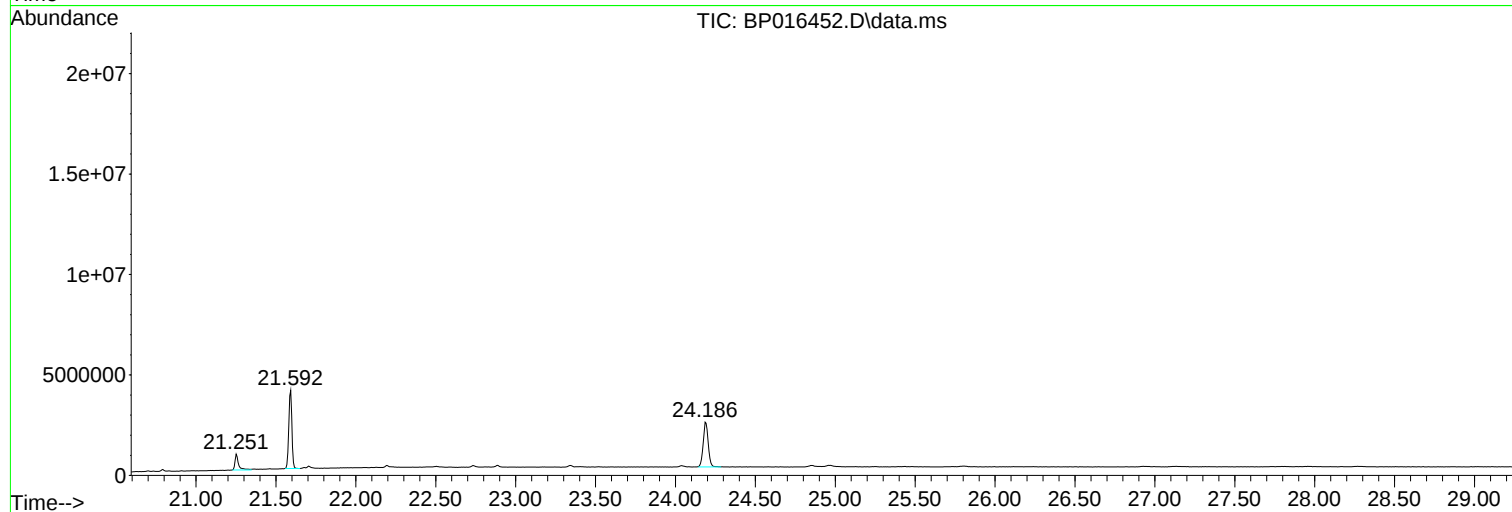
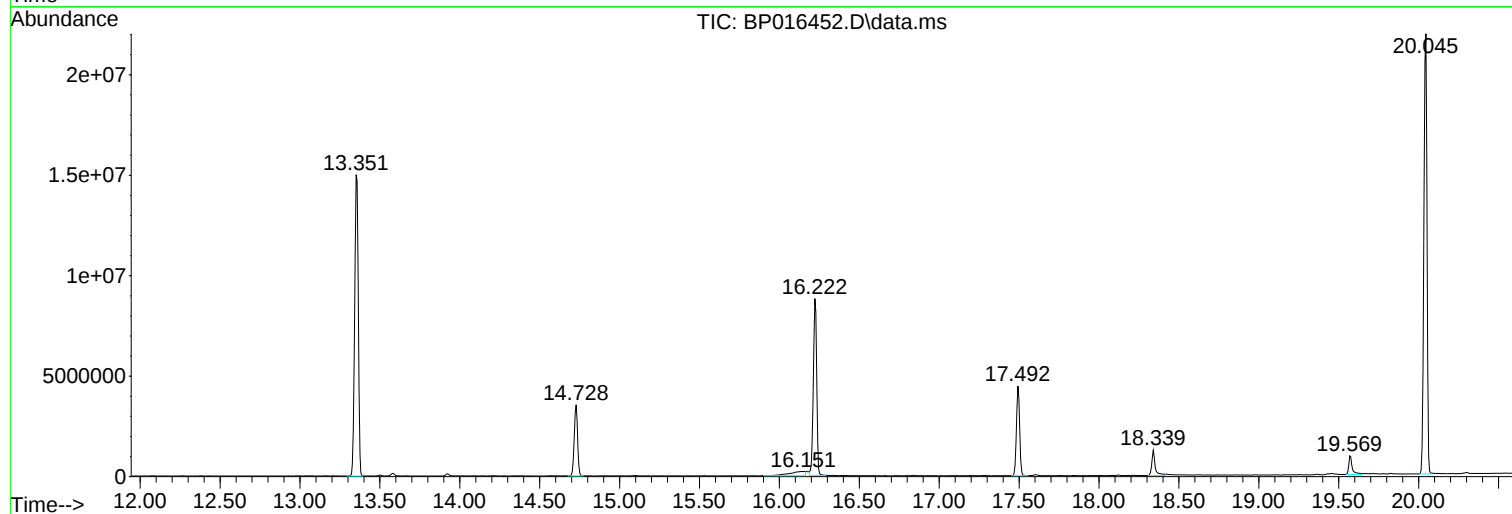
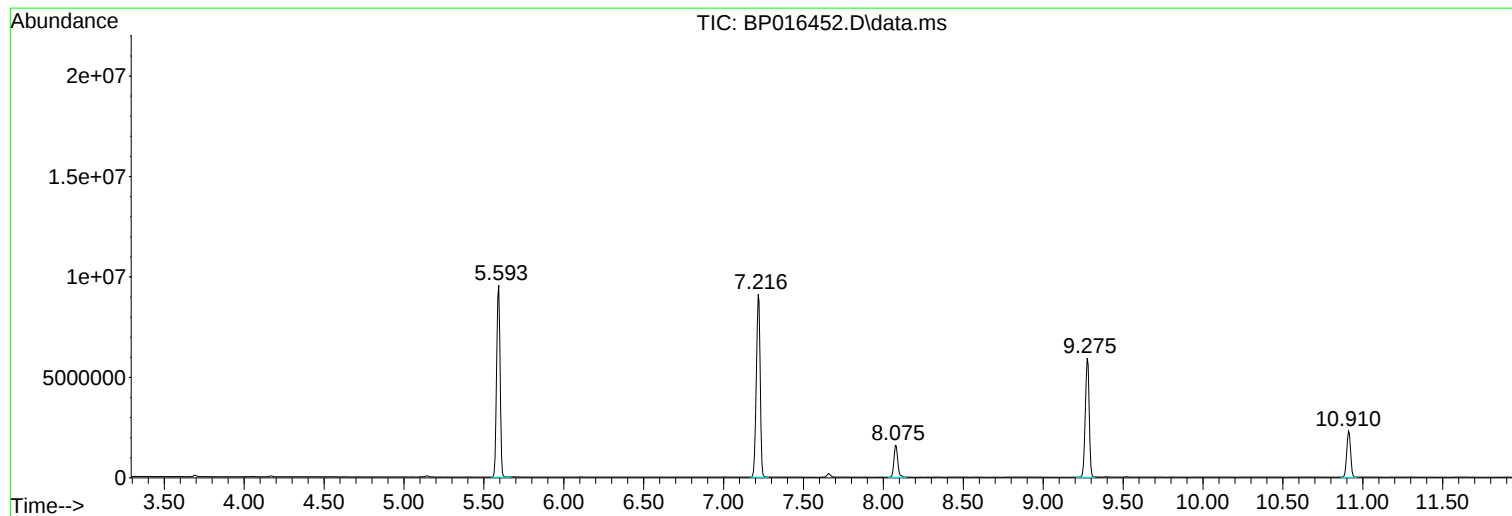
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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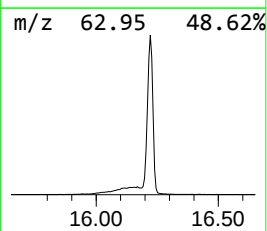
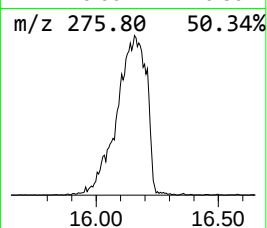
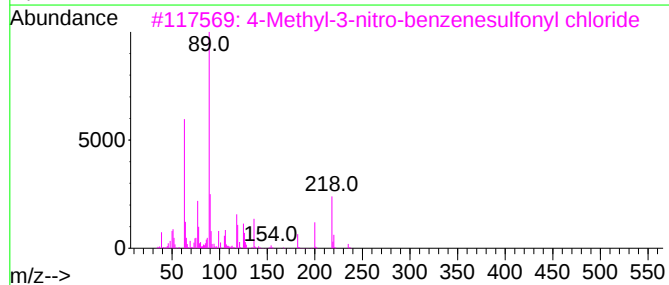
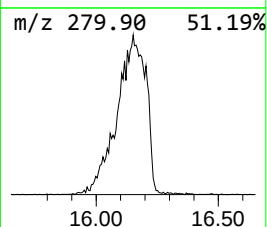
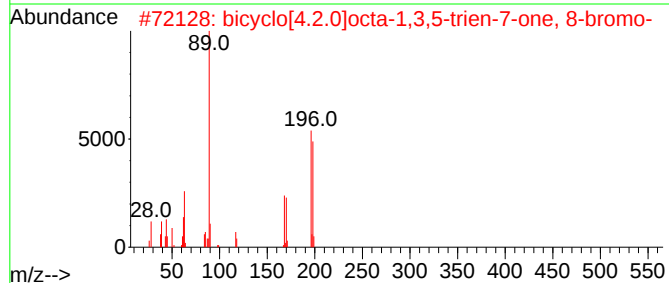
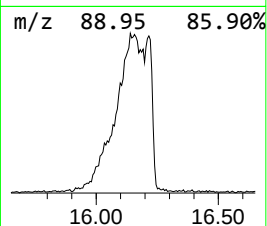
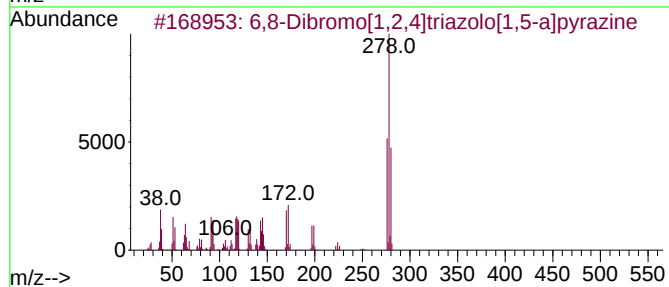
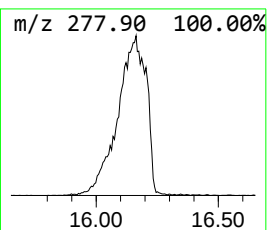
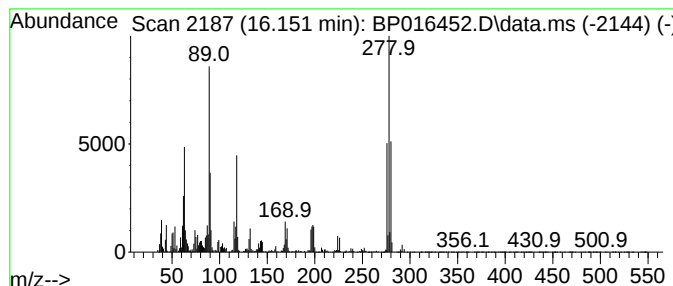
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown16.151 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.151	4.86 ng	1481690	Phenanthrene-d10	17.492

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,8-Dibromo[1,2,4]triazolo[1,5-a...	276	C5H2Br2N4	944709-42-6	45	
2	bicyclo[4.2.0]octa-1,3,5-trien-7...	196	C8H5BrO	1010400-33-8	32	
3	4-Methyl-3-nitro-benzenesulfonyl...	235	C7H6ClNO4S	1000296-09-3	28	
4	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	27	
5	5-Ethyl-2,3,4,6-tetrathiaheptane	200	C5H12S4	126876-25-3	27	



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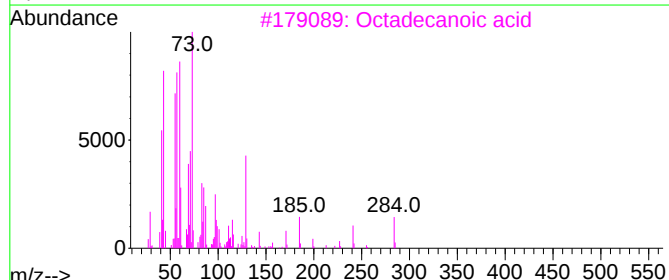
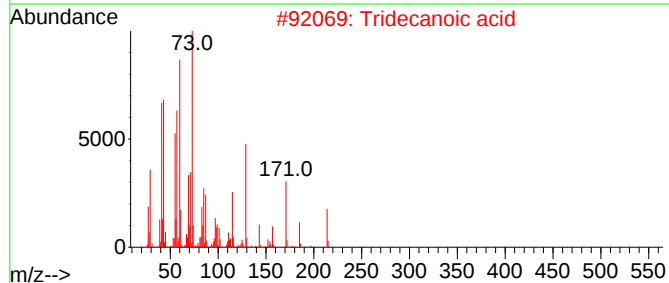
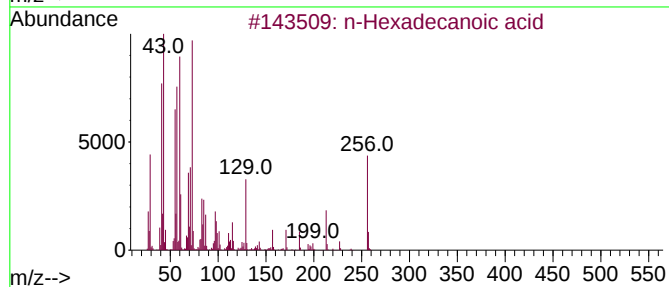
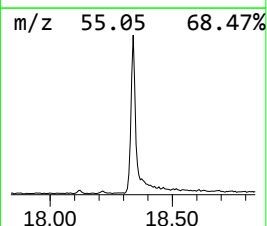
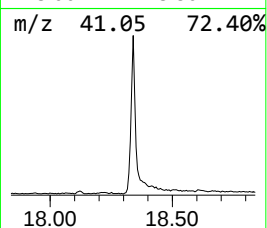
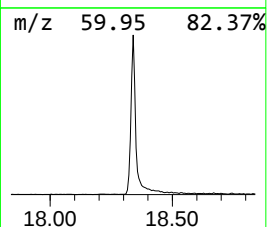
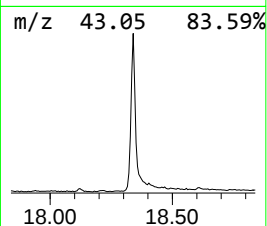
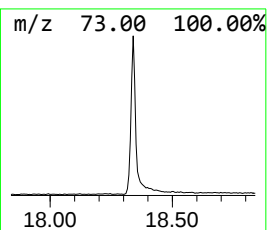
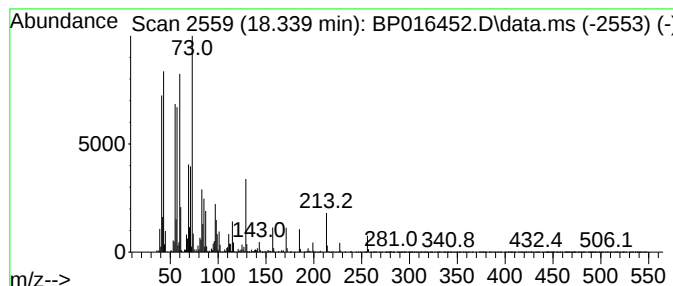
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	6.02 ng	1833100	Phenanthrene-d10	17.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Octadecanoic acid	284	C18H36O2	000057-11-4	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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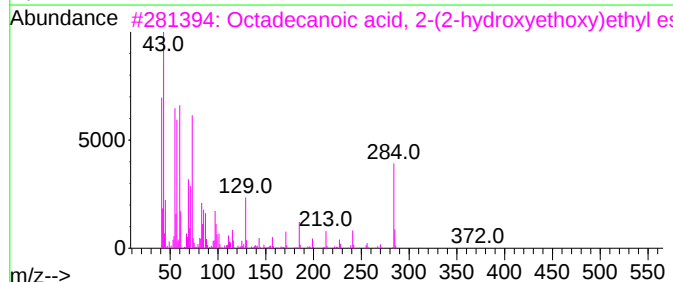
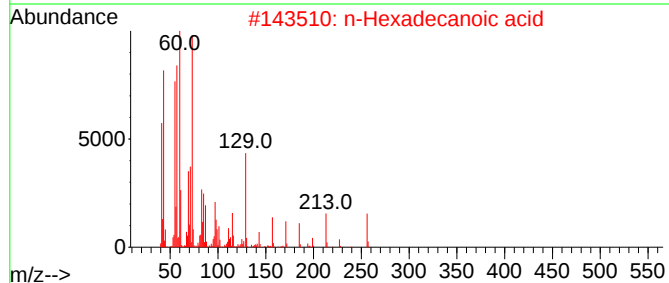
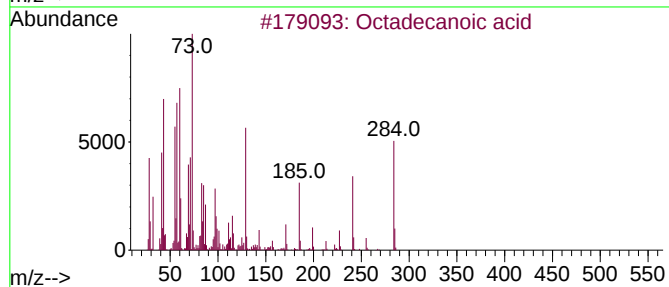
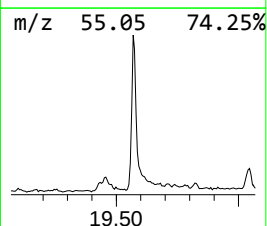
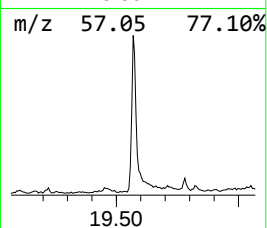
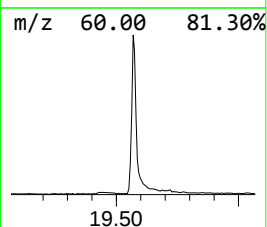
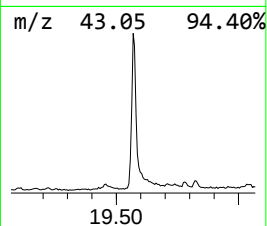
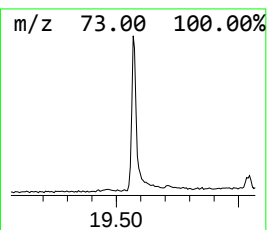
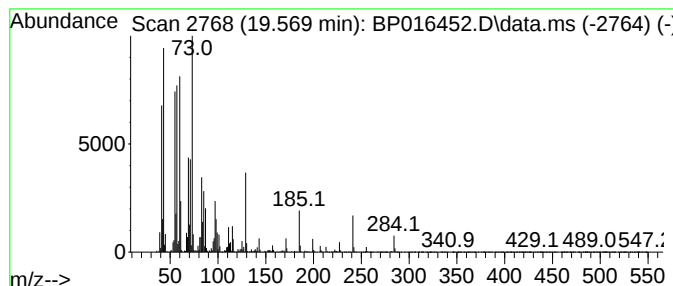
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.569	5.48 ng	1435800	Chrysene-d12	21.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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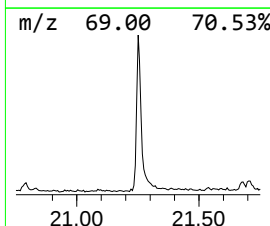
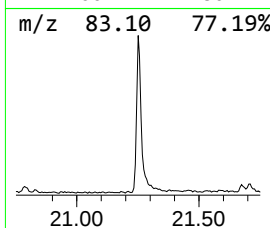
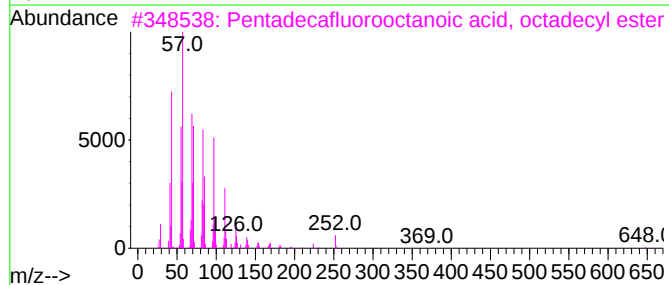
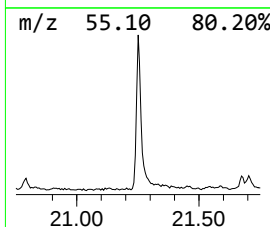
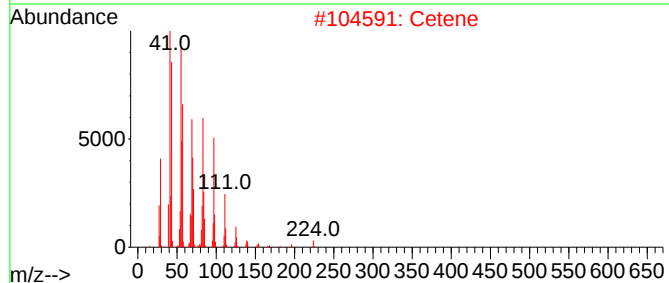
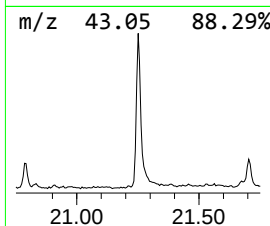
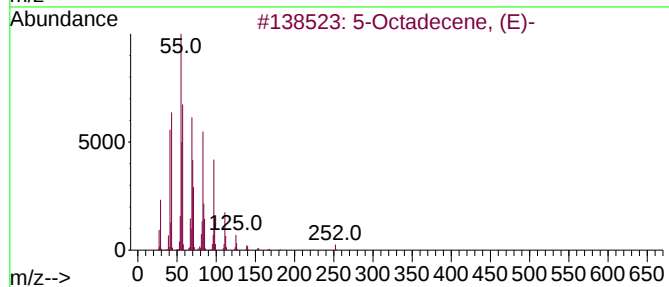
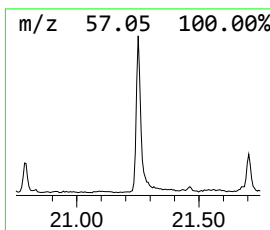
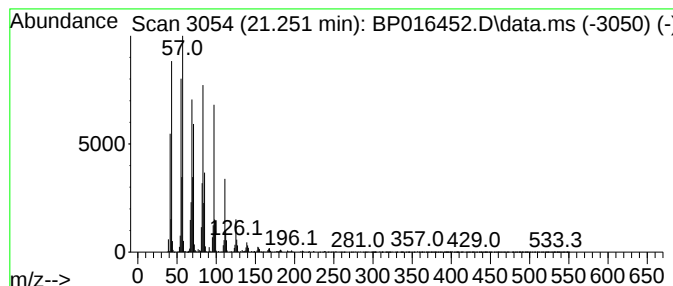
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Peak Number 4 5-Octadecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.251	4.59 ng	1202960	Chrysene-d12	21.592

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2			Cetene	224	C16H32	000629-73-2	94
3			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4			1-Hexacosene	364	C26H52	018835-33-1	94
5			Cyclohexadecane	224	C16H32	000295-65-8	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown16.151	16.151	4.9	ng	1481690	4	17.492	6091340	20.0
n-Hexadecanoic ...	18.339	6.0	ng	1833100	4	17.492	6091340	20.0
Octadecanoic acid	19.569	5.5	ng	1435800	5	21.592	5240560	20.0
5-Octadecene, (E)-	21.251	4.6	ng	1202960	5	21.592	5240560	20.0