

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
 Data File : BP005200.D
 Acq On : 06 Apr 2021 17:09
 Operator : CG/JU
 Sample : M1931-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BES-13SR

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-BP032321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005200.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.293	369	375	386	rVB	213540	305948	21.12%	4.609%
2	6.875	638	644	655	rBV	113622	189410	13.07%	2.853%
3	7.693	776	783	790	rBV	86167	136875	9.45%	2.062%
4	8.858	971	981	988	rBV	312206	512011	35.34%	7.713%
5	10.481	1249	1257	1267	rBV	104318	183465	12.66%	2.764%
6	12.969	1672	1680	1686	rBV	722765	1067953	73.71%	16.087%
7	13.810	1819	1823	1831	rBV	11956	18293	1.26%	0.276%
8	14.351	1908	1915	1924	rBV	161858	239206	16.51%	3.603%
9	15.851	2163	2170	2180	rBV	523452	756603	52.22%	11.397%
10	17.110	2378	2384	2393	rBV	190723	277726	19.17%	4.184%
11	18.016	2528	2538	2547	rBV	216800	312494	21.57%	4.707%
12	18.739	2658	2661	2667	rVB2	12725	17016	1.17%	0.256%
13	19.251	2744	2748	2757	rBV	149220	197671	13.64%	2.978%
14	19.692	2817	2823	2828	rBV	1193939	1448826	100.00%	21.824%
15	20.928	3029	3033	3040	rBV2	135264	178485	12.32%	2.689%
16	20.992	3042	3044	3050	rVB2	19990	25112	1.73%	0.378%
17	21.210	3077	3081	3087	rVB	280713	341698	23.58%	5.147%
18	23.492	3463	3469	3478	rVB2	190043	371957	25.67%	5.603%
19	24.151	3576	3581	3589	rVB10	26229	57844	3.99%	0.871%

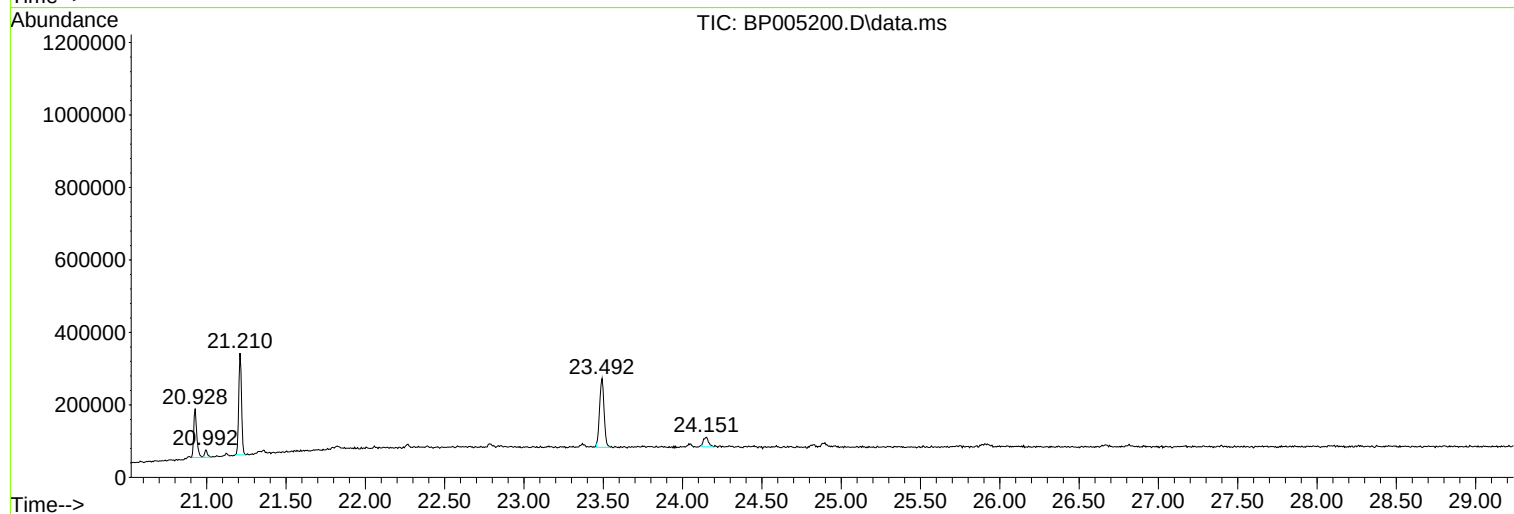
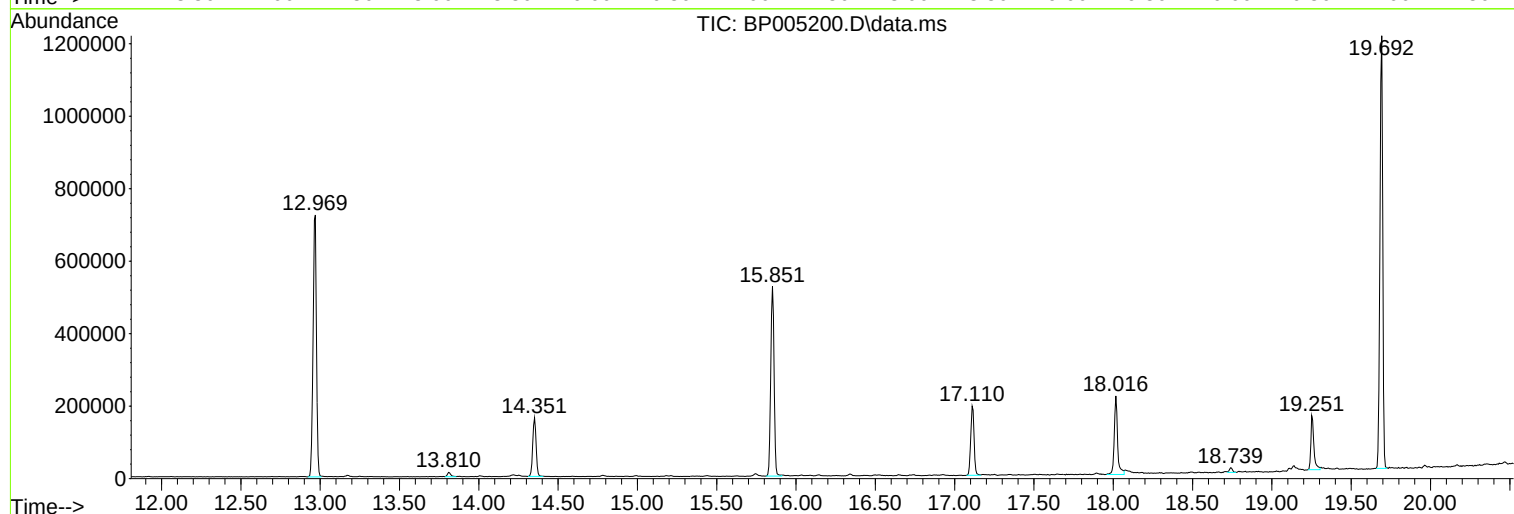
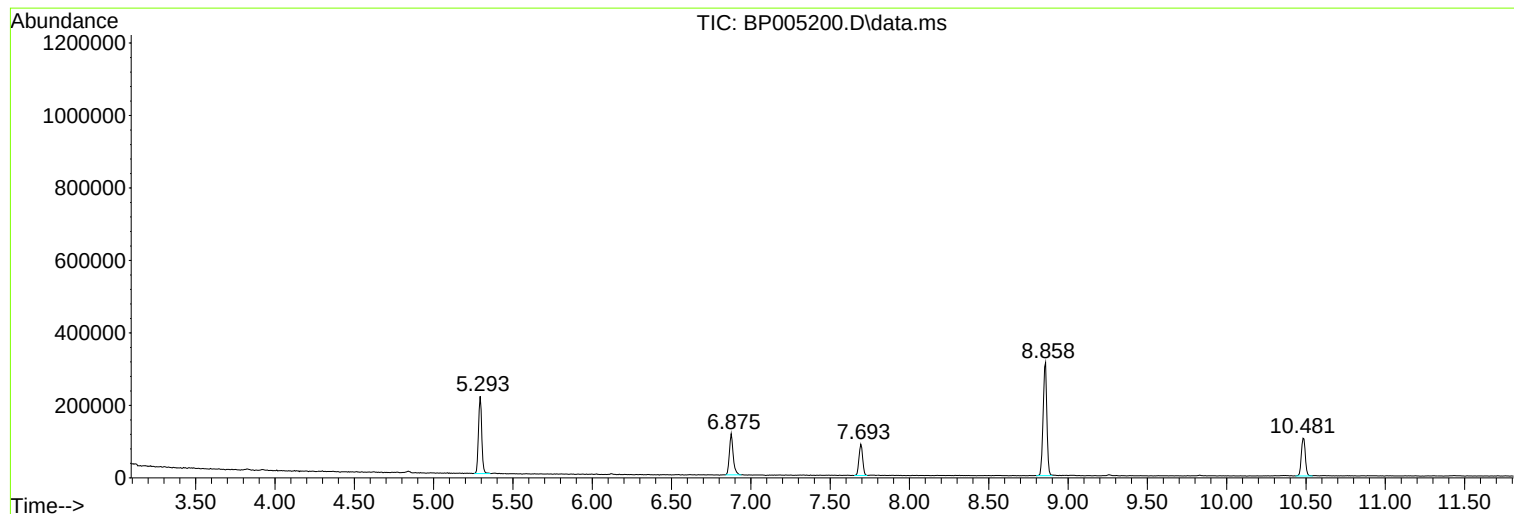
Sum of corrected areas: 6638593

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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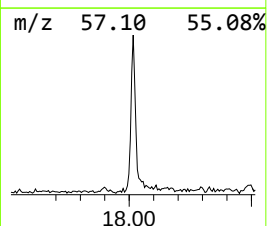
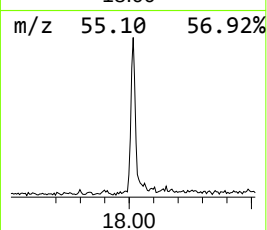
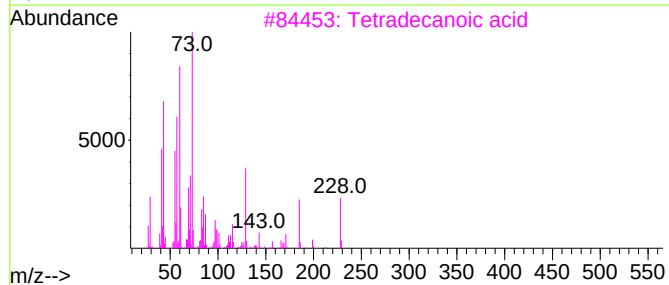
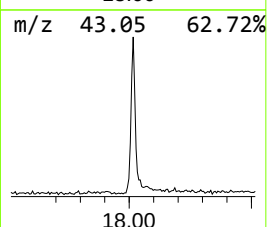
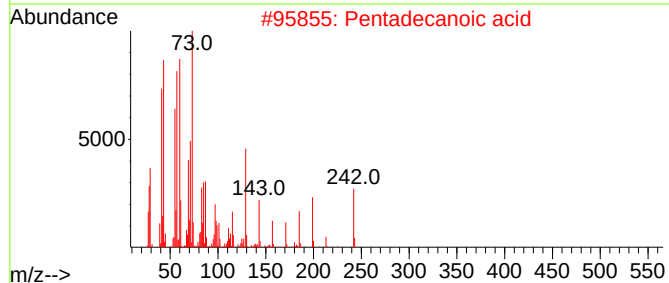
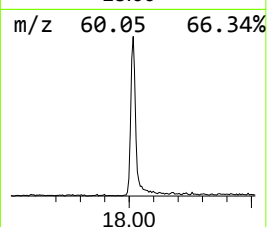
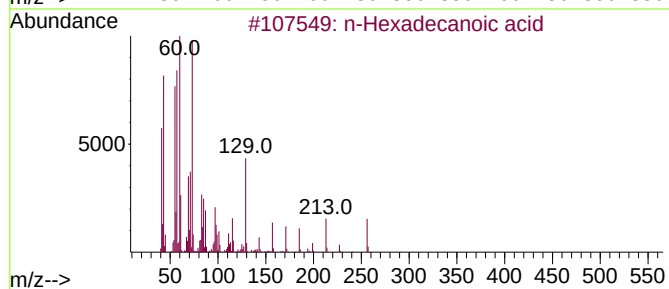
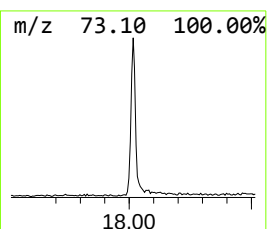
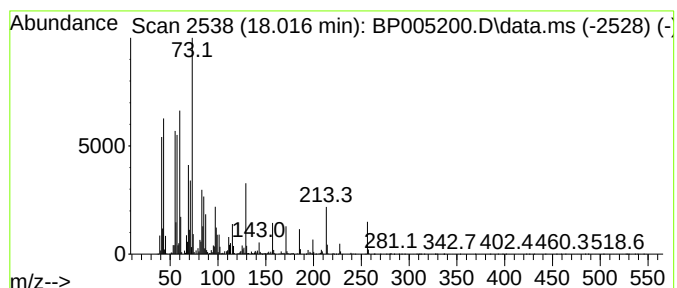
Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.016	22.50 ng	312494	Phenanthrene-d10		17.110	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	58
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	52
4	Isopropyl palmitate		298	C19H38O2	000142-91-6	50
5	Tridecanoic acid		214	C13H26O2	000638-53-9	43



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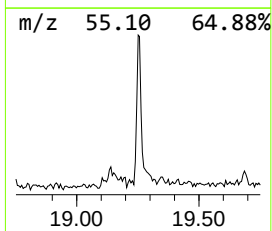
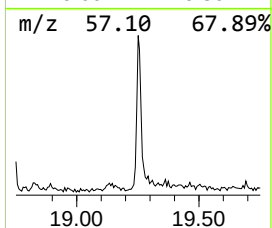
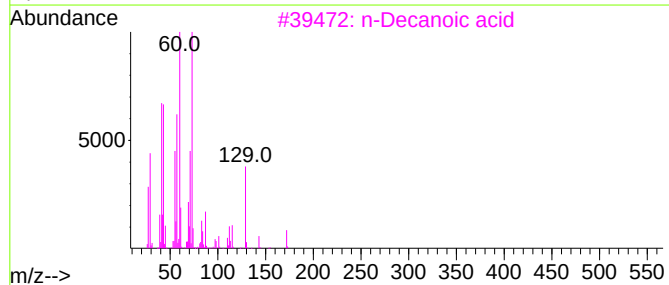
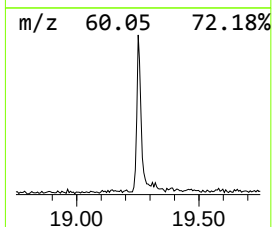
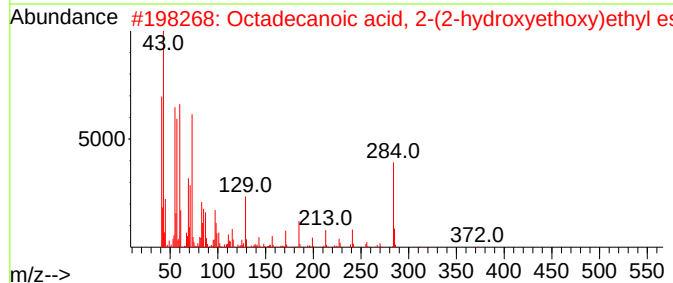
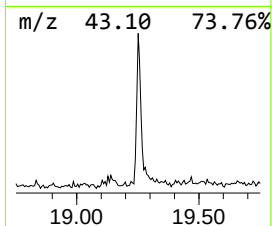
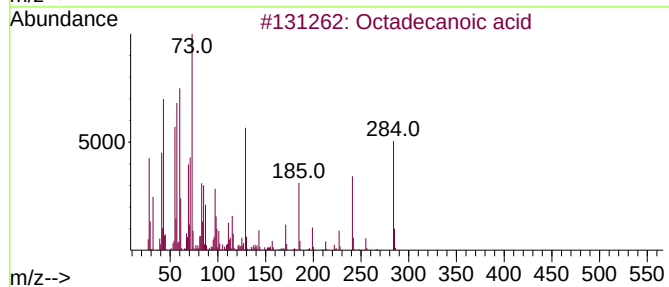
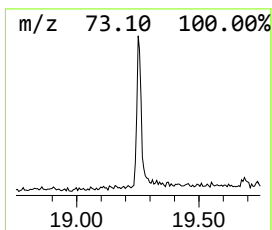
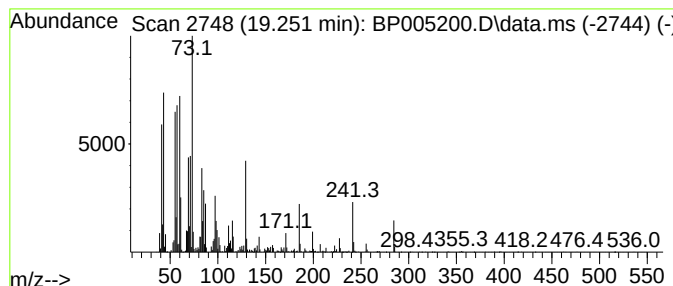
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.251	11.57 ng	197671	Chrysene-d12	21.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	46
3			n-Decanoic acid	172	C10H20O2	000334-48-5	45
4			Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	44
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43



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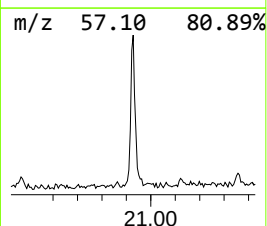
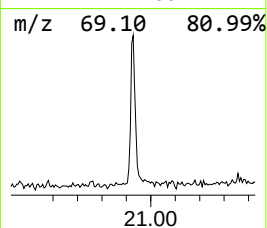
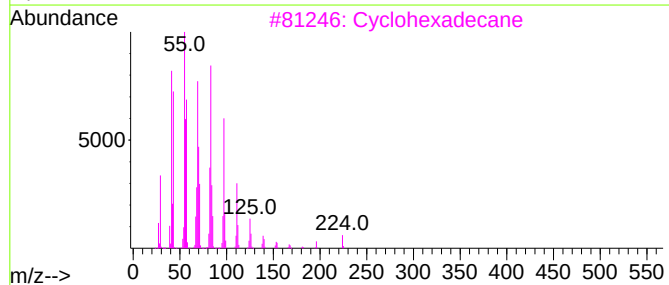
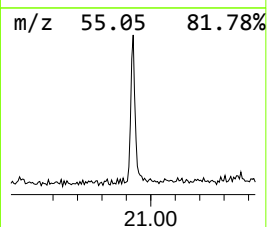
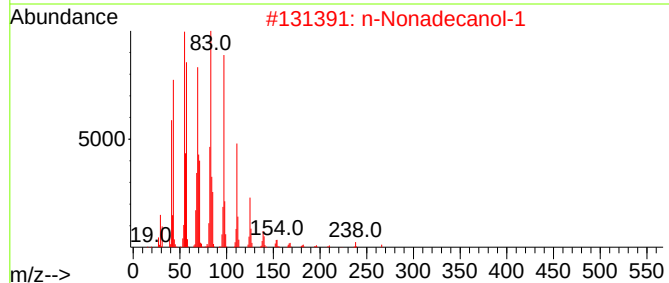
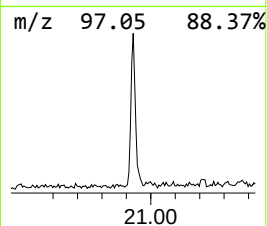
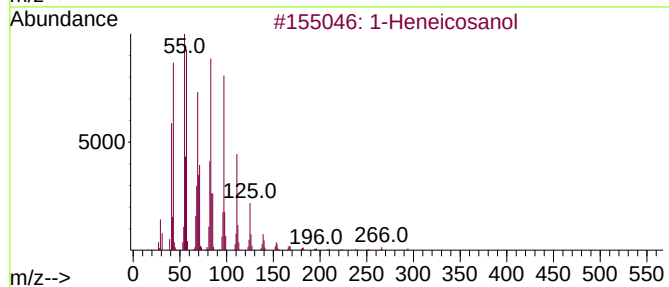
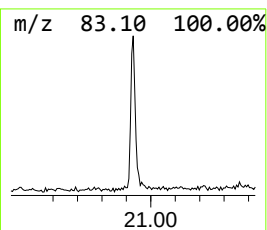
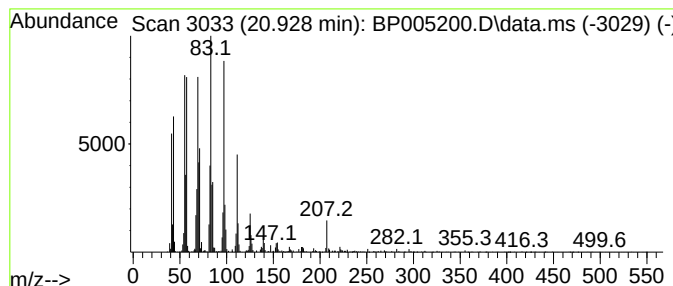
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.927	10.45 ng	178485	Chrysene-d12	21.210

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3			Cyclohexadecane	224	C16H32	000295-65-8	94
4			1-Nonadecene	266	C19H38	018435-45-5	94
5			Cyclopentadecane	210	C15H30	000295-48-7	94



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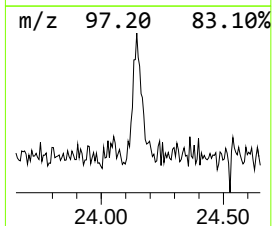
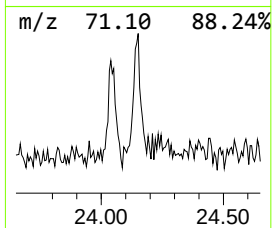
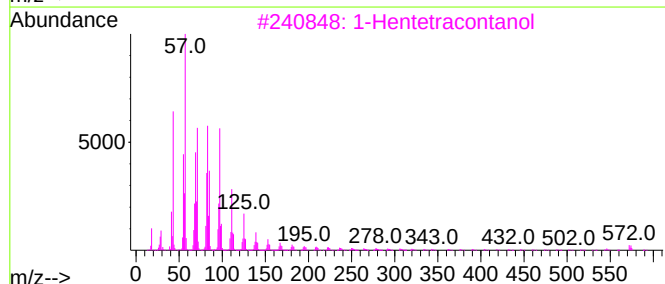
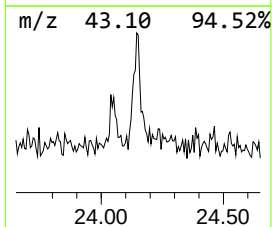
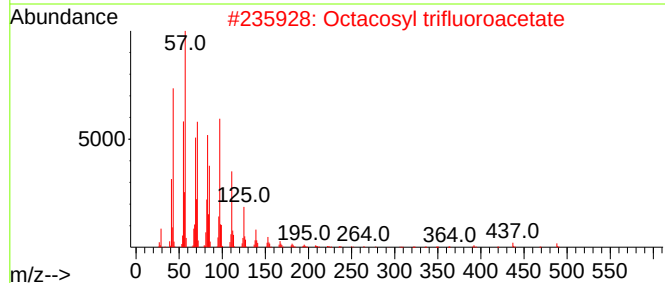
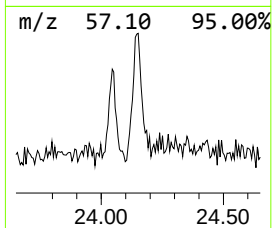
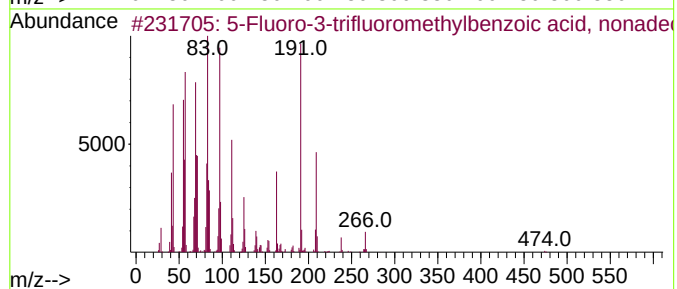
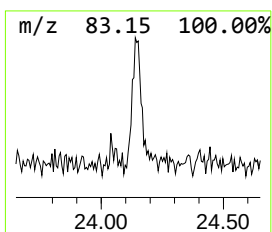
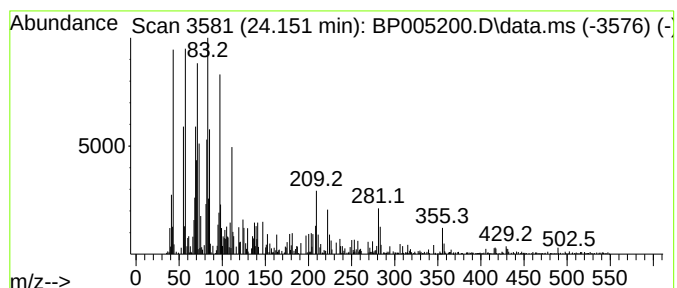
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 5-Fluoro-3-trifluoromethylb... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.151	3.11 ng	57844	Perylene-d12	23.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Fluoro-3-trifluoromethylbenzoi...	474	C27H42F4O2	1000338-91-1	83
2			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	83
3			1-Hentetracontanol	593	C41H84O	040710-42-7	80
4			1-Heneicosanol	312	C21H44O	015594-90-8	78
5			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.016	22.5	ng	312494	4	17.110	277726	20.0
Octadecanoic acid	19.251	11.6	ng	197671	5	21.210	341698	20.0
1-Heneicosanol	20.927	10.4	ng	178485	5	21.210	341698	20.0
5-Fluoro-3-trif...	24.151	3.1	ng	57844	6	23.492	371957	20.0