

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
 Data File : BM039183.D
 Acq On : 28 Mar 2023 17:19
 Operator : CG/JU
 Sample : 02111-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 APCS-BOTH

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-BM030823.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039183.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.028	289	296	306	rVB	2188132	2967855	23.18%	3.976%
2	5.498	369	376	388	rBV	4862419	6990153	54.61%	9.364%
3	7.104	642	649	665	rVB	4759404	7319828	57.18%	9.806%
4	7.934	783	790	797	rBV	1201518	1858020	14.51%	2.489%
5	9.104	981	989	1002	rBV	2781182	4539706	35.46%	6.081%
6	10.745	1260	1268	1281	rBV	1505621	2547631	19.90%	3.413%
7	13.204	1679	1686	1700	rBV	6843302	9744304	76.12%	13.054%
8	14.580	1910	1920	1932	rBV	2272881	3314725	25.89%	4.440%
9	16.068	2166	2173	2188	rBV	5275382	7485135	58.47%	10.027%
10	17.327	2380	2387	2398	rBV	2816324	3836937	29.97%	5.140%
11	18.221	2534	2539	2548	rBV	906241	1482035	11.58%	1.985%
12	18.662	2607	2614	2622	rBV2	106017	168741	1.32%	0.226%
13	19.497	2752	2756	2768	rBV	310309	564171	4.41%	0.756%
14	19.950	2827	2833	2838	rBV	10426465	12800910	100.00%	17.148%
15	21.209	3044	3047	3058	rBV	951544	1268902	9.91%	1.700%
16	21.509	3093	3098	3103	rBV	3220549	4005200	31.29%	5.365%
17	23.927	3503	3509	3519	rVB2	1888532	3753893	29.33%	5.029%

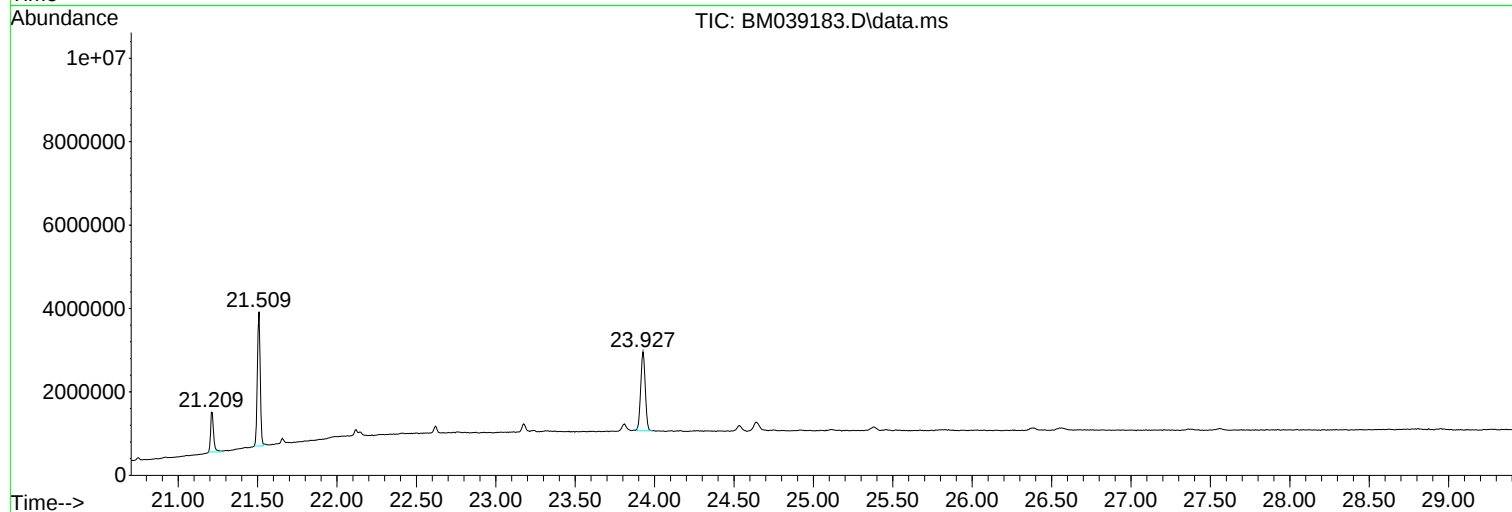
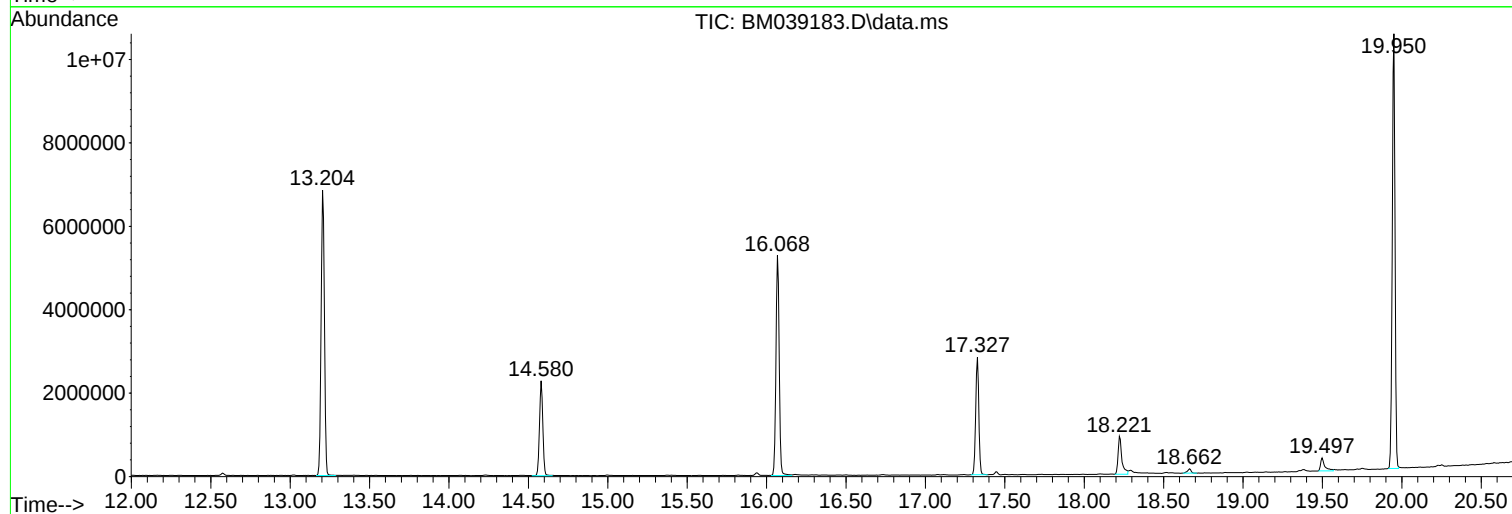
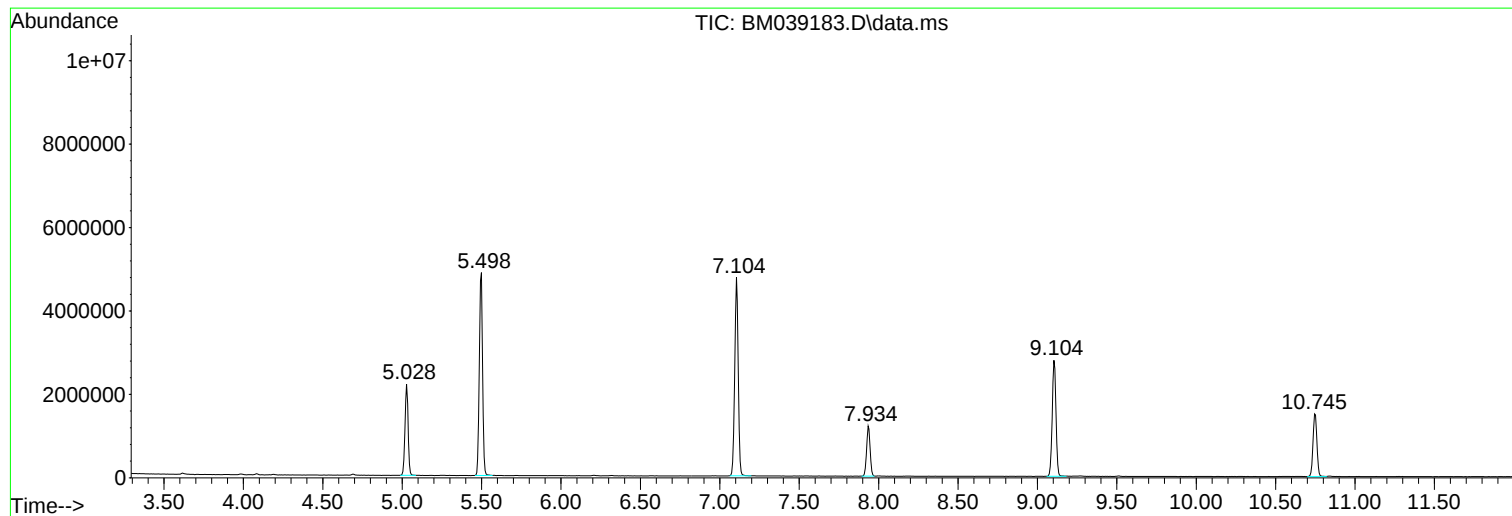
Sum of corrected areas: 74648146

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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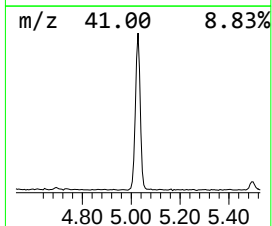
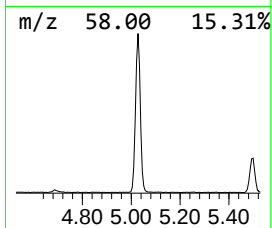
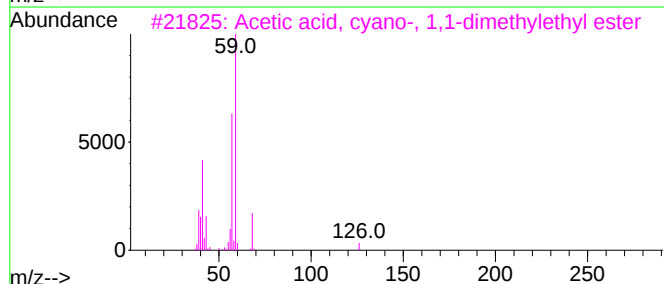
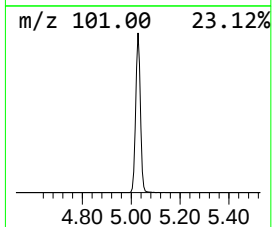
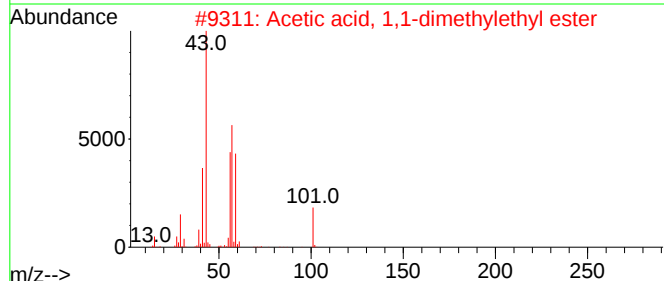
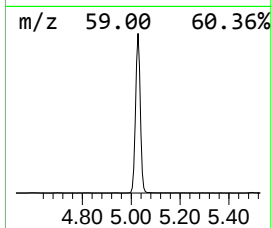
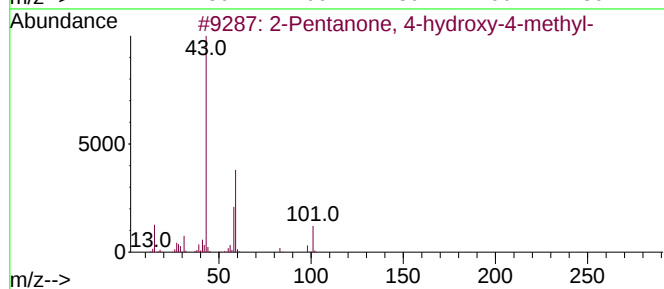
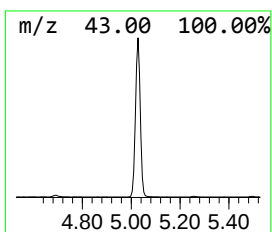
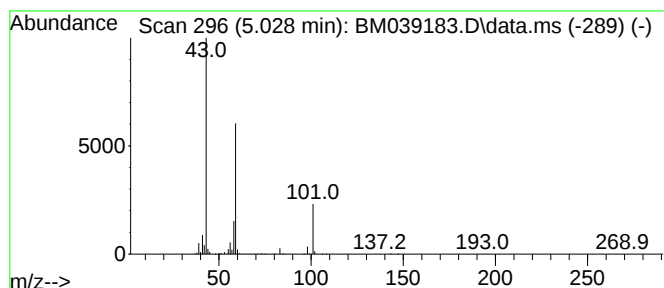
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.028	31.95 ng	2967860	1,4-Dichlorobenzene-d4	7.934

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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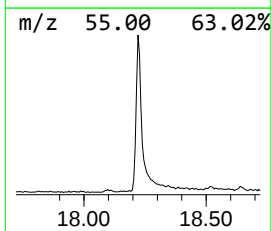
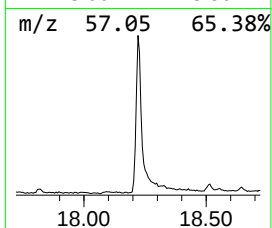
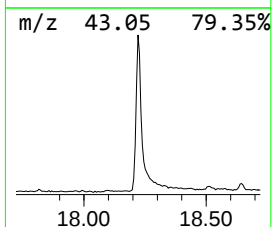
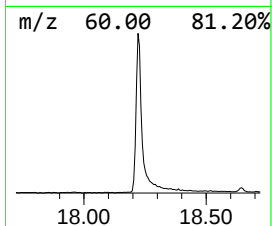
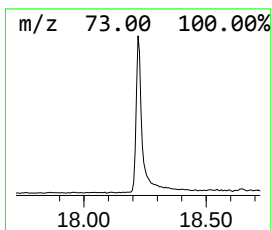
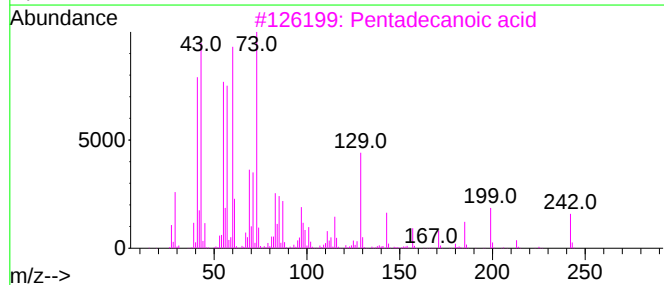
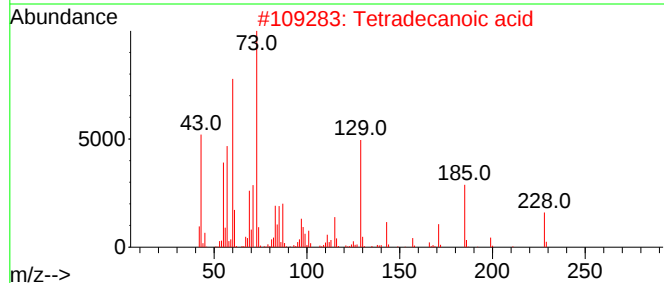
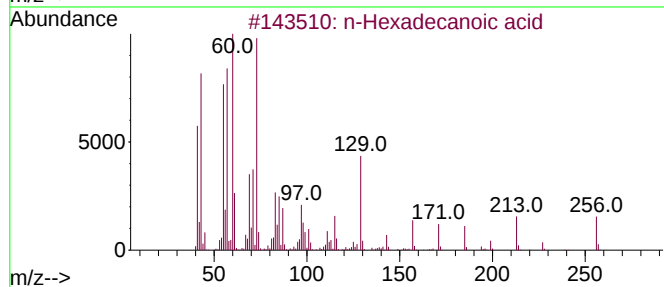
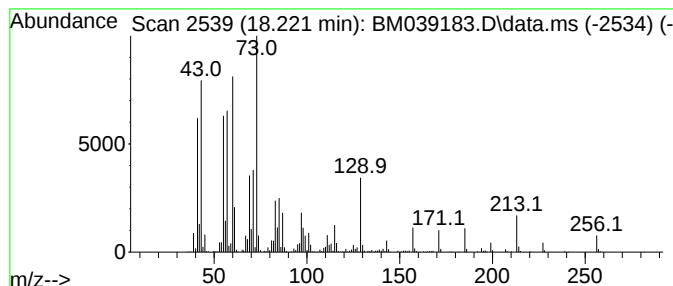
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	7.73 ng	1482040	Phenanthrene-d10	17.327

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			Tridecanoic acid	214	C13H26O2	000638-53-9	81
5			Dodecanoic acid	200	C12H24O2	000143-07-7	64



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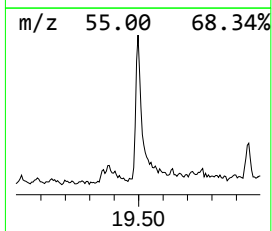
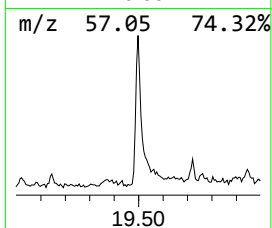
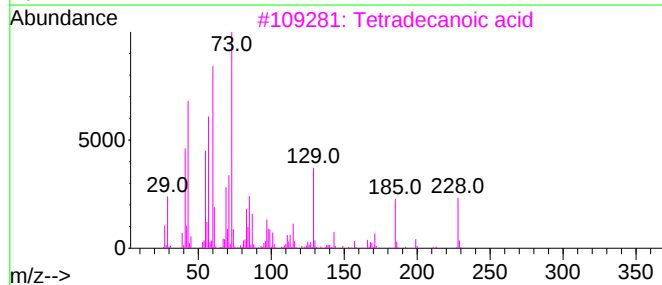
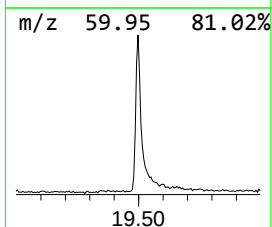
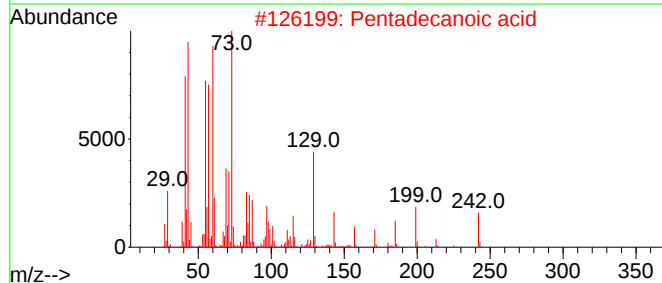
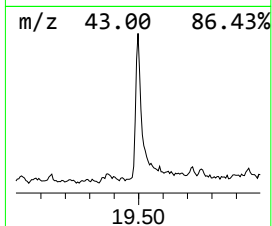
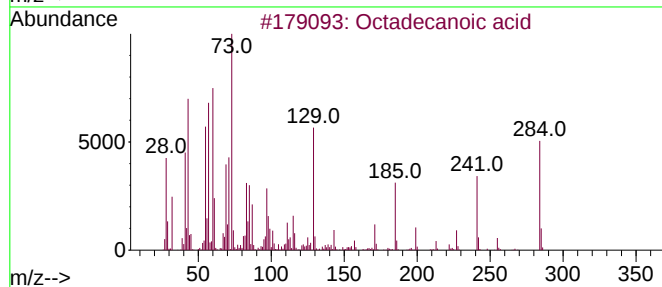
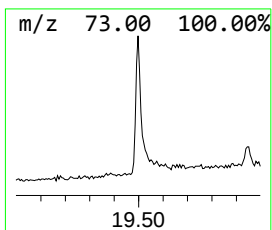
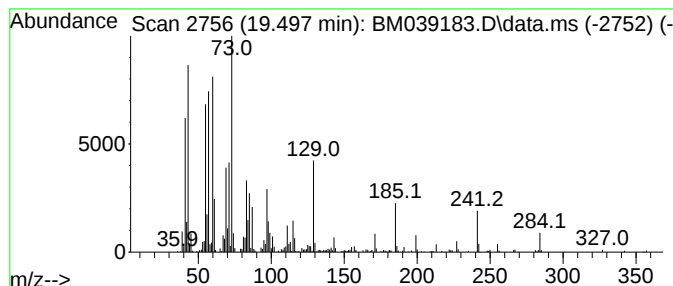
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.497	2.82 ng	564171	Chrysene-d12	21.509

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	90
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	55



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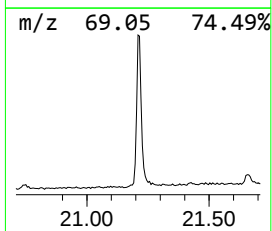
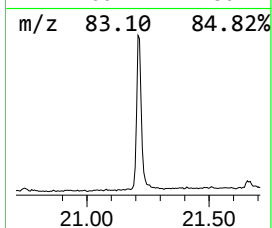
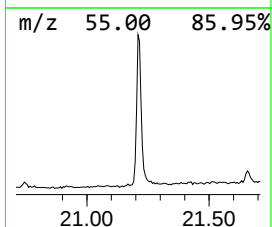
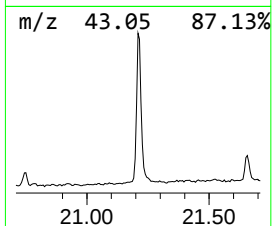
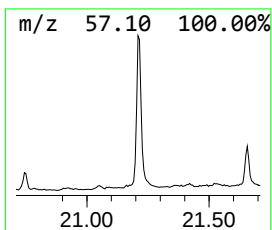
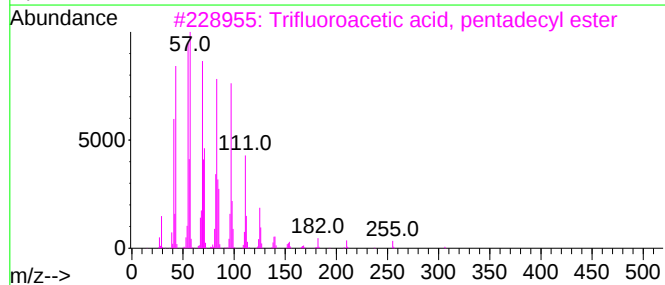
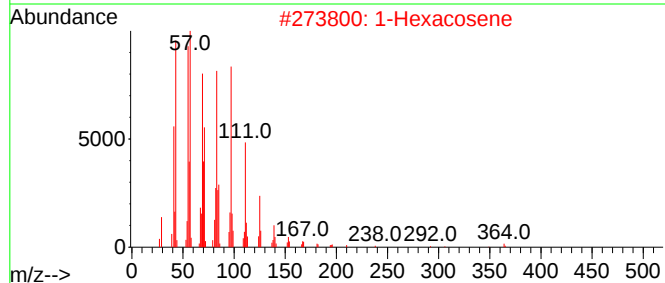
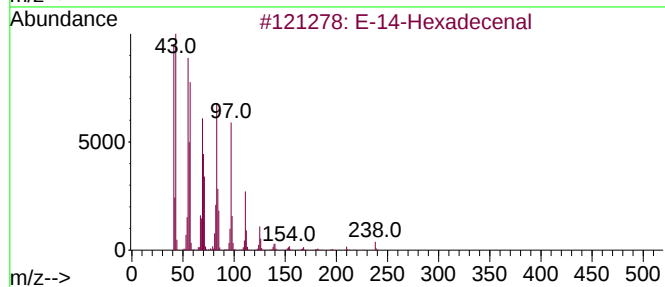
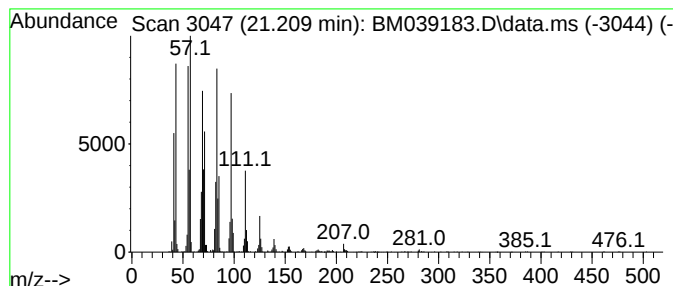
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Peak Number 4 E-14-Hexadecenal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.209	6.34 ng	1268900	Chrysene-d12	21.509	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	94
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.028	31.9	ng	2967860	1	7.934	1858020	20.0
n-Hexadecanoic ...	18.221	7.7	ng	1482040	4	17.327	3836940	20.0
Octadecanoic acid	19.497	2.8	ng	564171	5	21.509	4005200	20.0
E-14-Hexadecenal	21.209	6.3	ng	1268900	5	21.509	4005200	20.0