

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
 Data File : BM041367.D
 Acq On : 10 Aug 2023 17:47
 Operator : MA/JU
 Sample : 03955-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-25

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-BM072823.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041367.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.893	284	290	300	rBV	181934	251937	5.82%	1.030%
2	5.351	361	368	388	rBV	1570617	2355252	54.43%	9.633%
3	6.957	635	641	661	rBV	1223112	2137147	49.39%	8.741%
4	7.775	774	780	788	rBV	441742	695261	16.07%	2.844%
5	8.951	972	980	997	rBV	756747	1380742	31.91%	5.647%
6	10.580	1250	1257	1278	rBV	480323	865773	20.01%	3.541%
7	13.057	1671	1678	1707	rBV	1931054	3137946	72.52%	12.834%
8	14.445	1907	1914	1934	rBV	565137	1044224	24.13%	4.271%
9	15.945	2163	2169	2189	rBV	1357107	2294991	53.04%	9.386%
10	17.204	2377	2383	2403	rBV	726300	1218346	28.16%	4.983%
11	18.104	2531	2536	2558	rBV	331320	727183	16.81%	2.974%
12	19.280	2732	2736	2744	rVB	49291	77726	1.80%	0.318%
13	19.392	2750	2755	2770	rBV	190805	406348	9.39%	1.662%
14	19.645	2795	2798	2804	rVB2	40418	54488	1.26%	0.223%
15	19.839	2826	2831	2848	rBV	3356443	4327114	100.00%	17.697%
16	21.109	3044	3047	3055	rBV2	166792	223245	5.16%	0.913%
17	21.409	3093	3098	3108	rBV	1047523	1562544	36.11%	6.391%
18	23.774	3494	3500	3512	rVB	831500	1690533	39.07%	6.914%

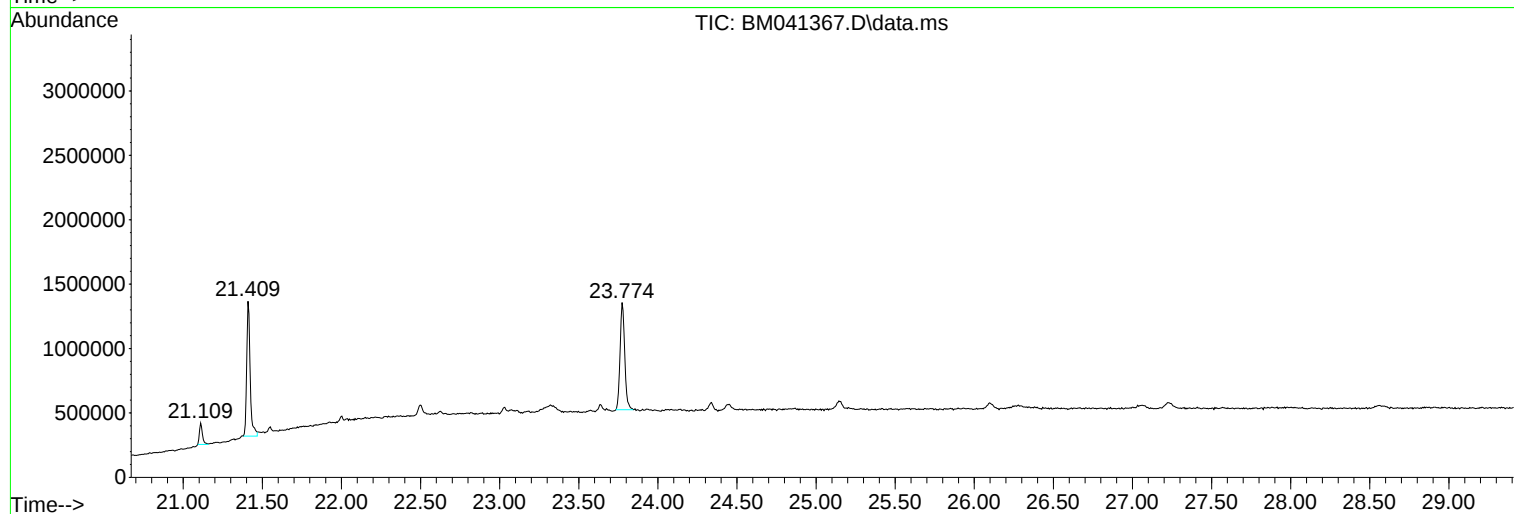
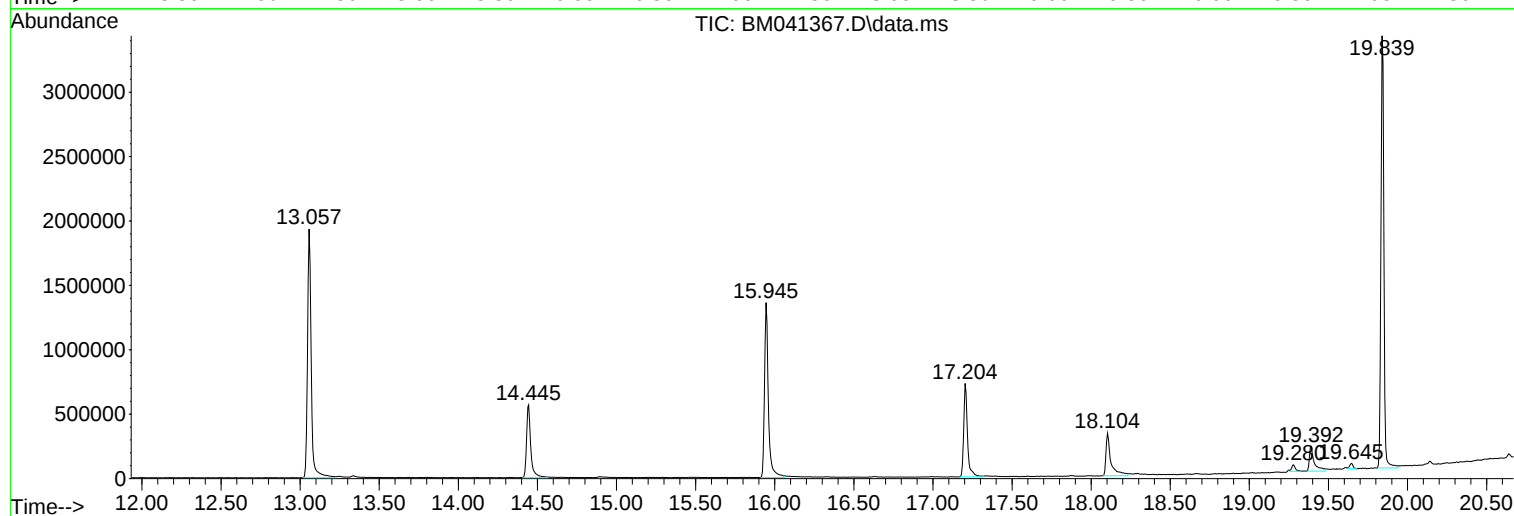
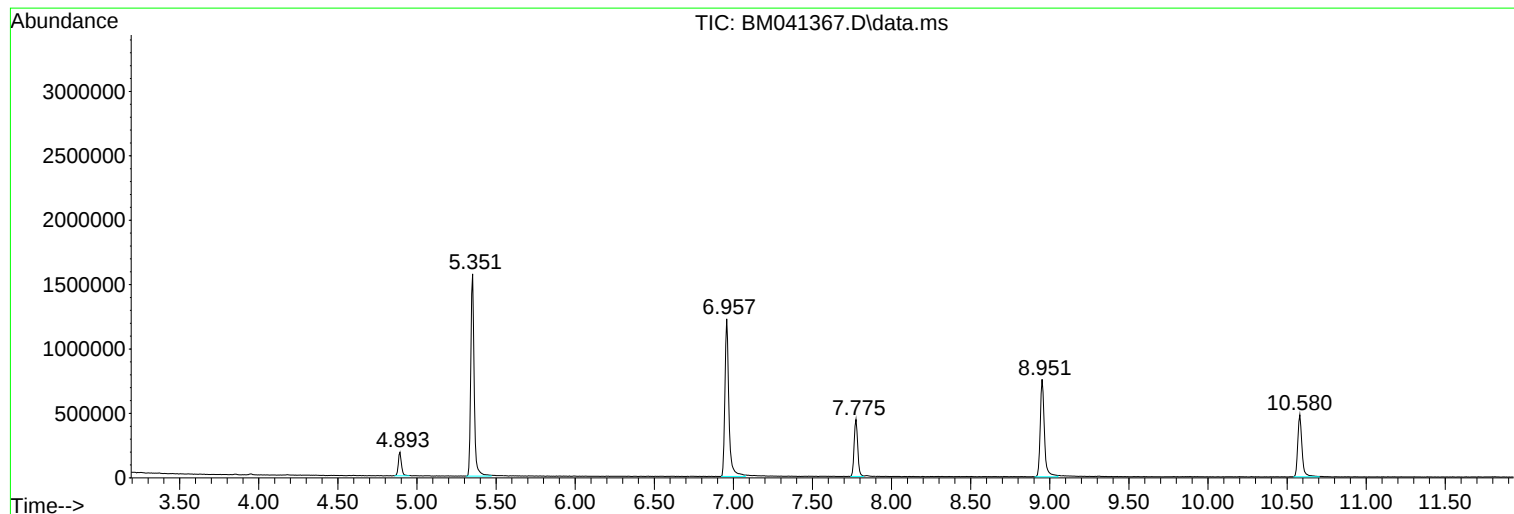
Sum of corrected areas: 24450800

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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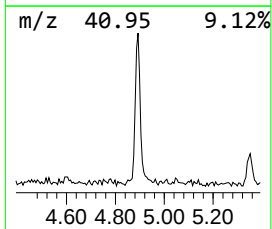
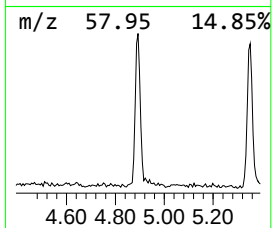
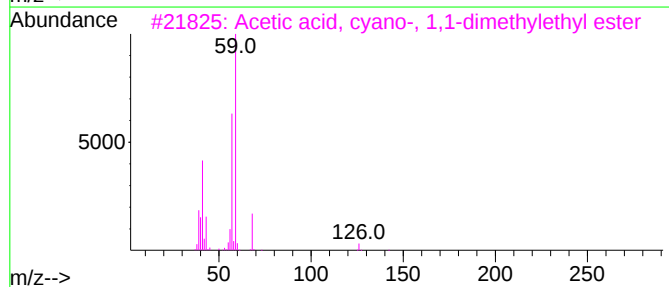
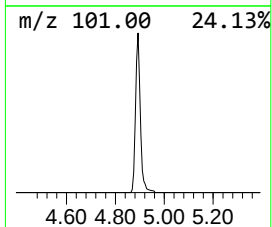
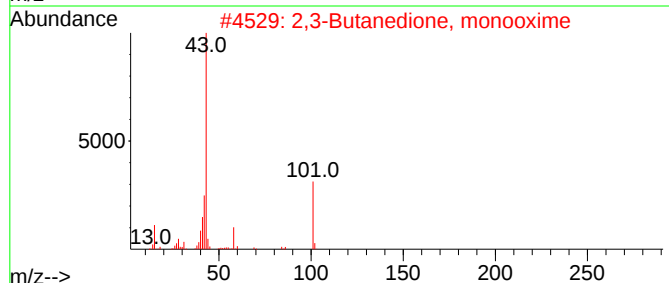
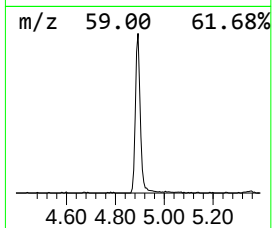
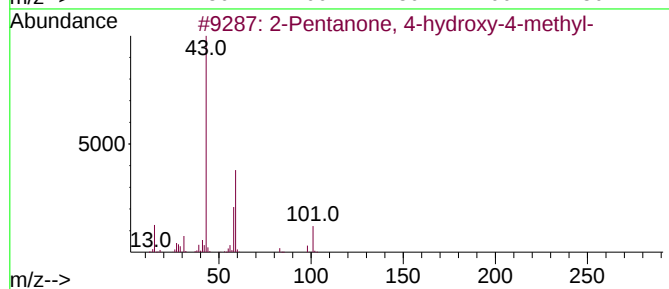
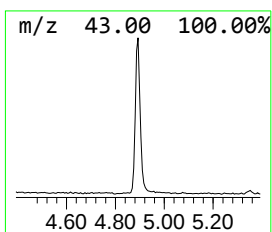
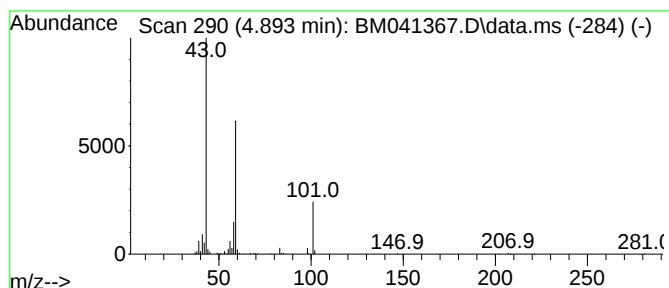
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.893	7.25 ng	251937	1,4-Dichlorobenzene-d4	7.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32		
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28		
5	Dimethadione	129	C5H7NO3	000695-53-4	25		



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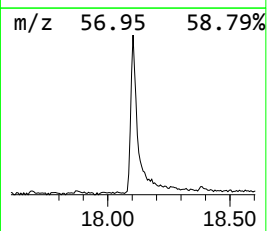
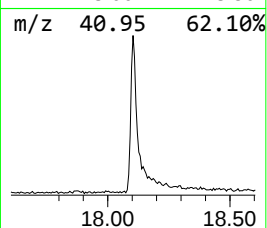
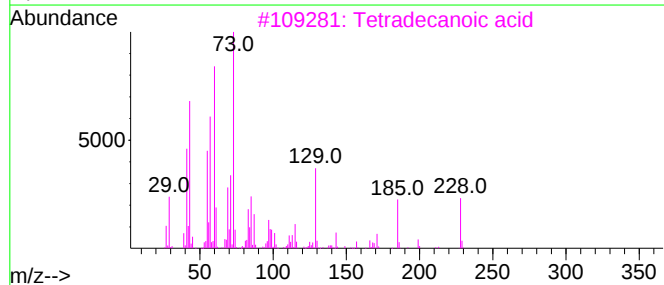
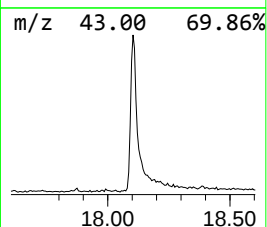
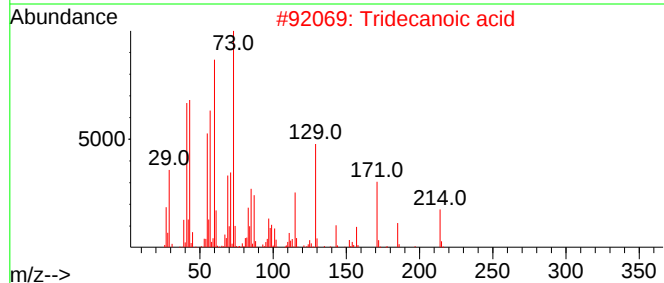
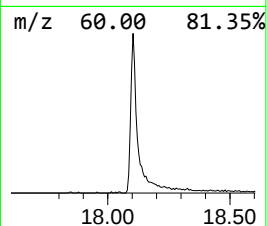
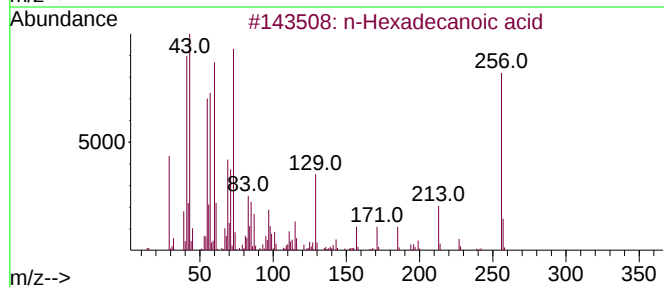
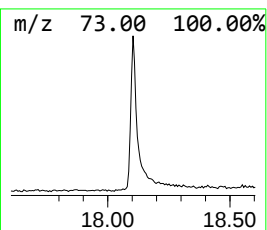
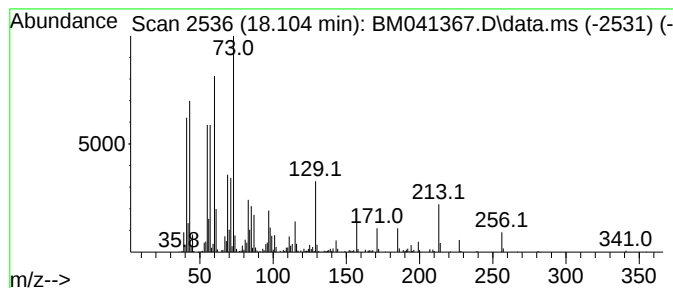
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	11.94 ng	727183	Phenanthrene-d10	17.204

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	96
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Octadecanoic acid	284	C18H36O2	000057-11-4	87
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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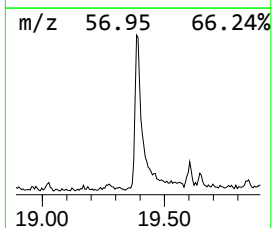
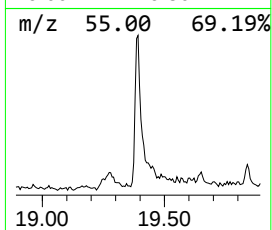
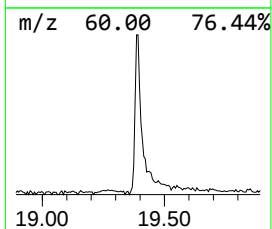
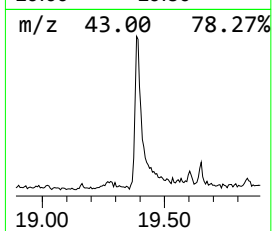
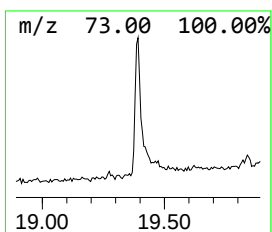
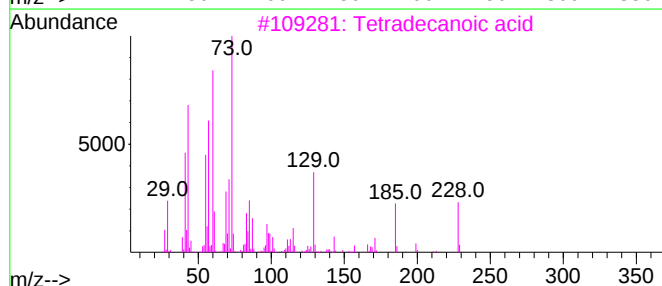
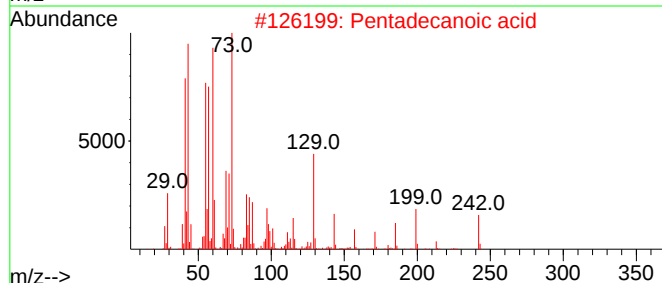
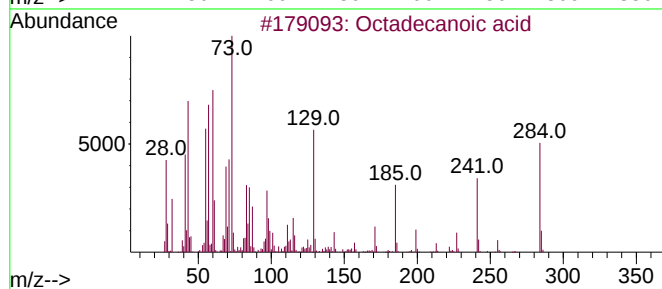
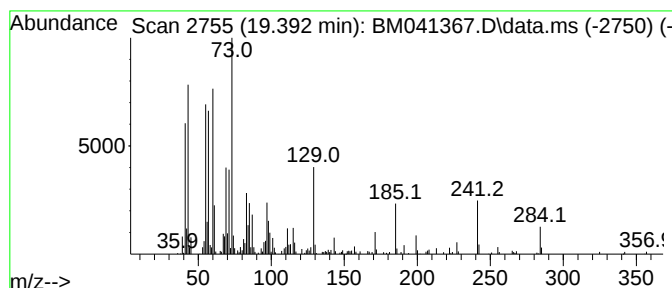
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	5.20 ng	406348	Chrysene-d12	21.409

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	86
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80



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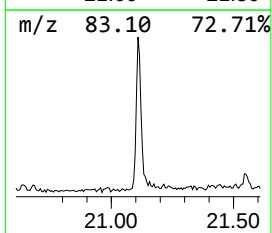
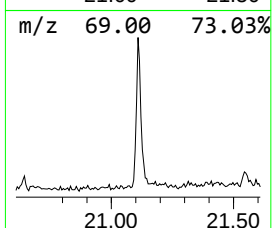
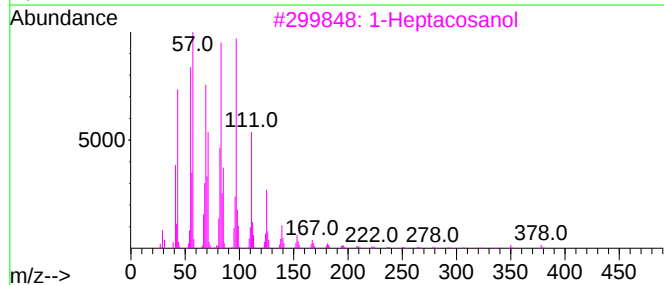
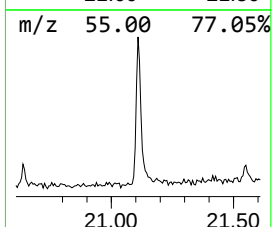
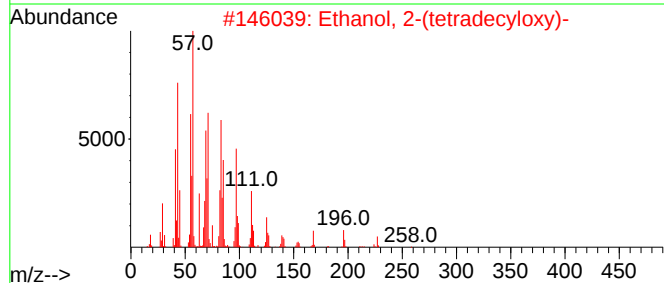
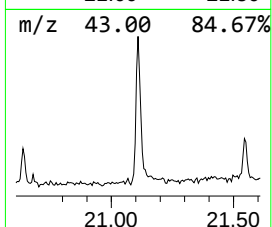
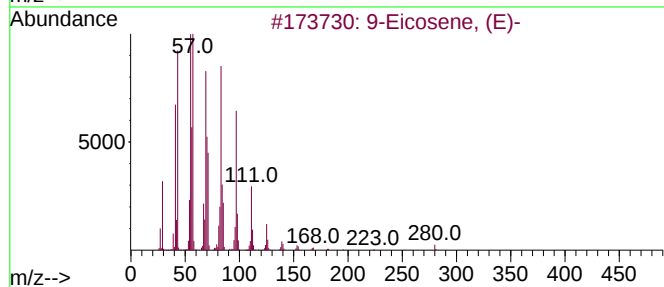
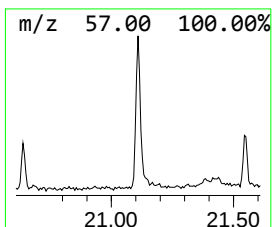
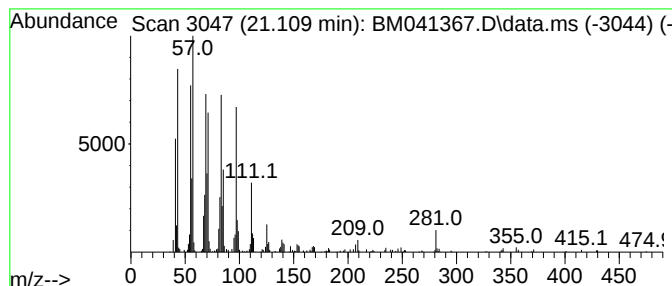
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Peak Number 4 9-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.109	2.86 ng	223245	Chrysene-d12	21.409

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Eicosene, (E)-	280	C20H40	074685-29-3	93
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	87
5		Butyl hexacosyl ether	438	C30H62O	1000406-41-0	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.893	7.3	ng	251937	1	7.775	695261	20.0
n-Hexadecanoic ...	18.104	11.9	ng	727183	4	17.204	1218350	20.0
Octadecanoic acid	19.392	5.2	ng	406348	5	21.409	1562540	20.0
9-Eicosene, (E)-	21.109	2.9	ng	223245	5	21.409	1562540	20.0