

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
 Data File : BP019944.D
 Acq On : 29 Feb 2024 19:06
 Operator : MA/JU
 Sample : P1620-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-1

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-BP022624.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019944.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.463	397	404	419	rBV	1167498	1856527	40.98%	6.931%
2	7.069	669	677	692	rBV	1182620	1977925	43.66%	7.384%
3	7.893	808	817	825	rBV	354356	580678	12.82%	2.168%
4	9.063	1009	1016	1029	rBV	732611	1323875	29.22%	4.942%
5	10.693	1286	1293	1306	rBV	434866	785303	17.34%	2.932%
6	13.163	1705	1713	1729	rBV	2030421	3107743	68.60%	11.602%
7	14.539	1939	1947	1956	rBV	693141	1103789	24.37%	4.121%
8	16.039	2195	2202	2217	rBV	1849613	2845185	62.81%	10.622%
9	17.304	2408	2417	2421	rBV	910033	1381824	30.50%	5.159%
10	17.345	2421	2424	2431	rVB	76472	112886	2.49%	0.421%
11	18.198	2563	2569	2578	rBV	509940	706669	15.60%	2.638%
12	19.316	2754	2759	2767	rBV	237999	344120	7.60%	1.285%
13	19.433	2775	2779	2787	rBV	137616	209515	4.62%	0.782%
14	19.669	2815	2819	2824	rVB	170254	228499	5.04%	0.853%
15	19.874	2848	2854	2860	rBV	3551692	4530078	100.00%	16.912%
16	20.627	2977	2982	2992	rBV	2321302	2992966	66.07%	11.173%
17	21.121	3062	3066	3073	rVB2	273064	336194	7.42%	1.255%
18	21.404	3109	3114	3118	rBV	928413	1269784	28.03%	4.740%
19	23.833	3521	3527	3534	rVB	545591	1093184	24.13%	4.081%

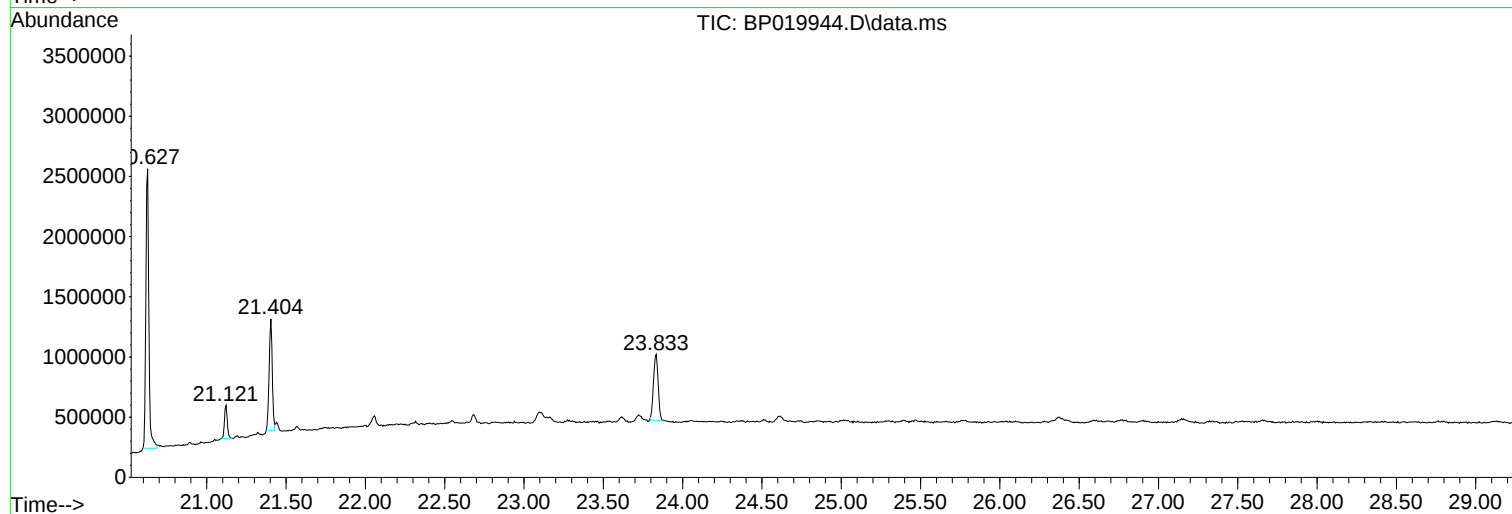
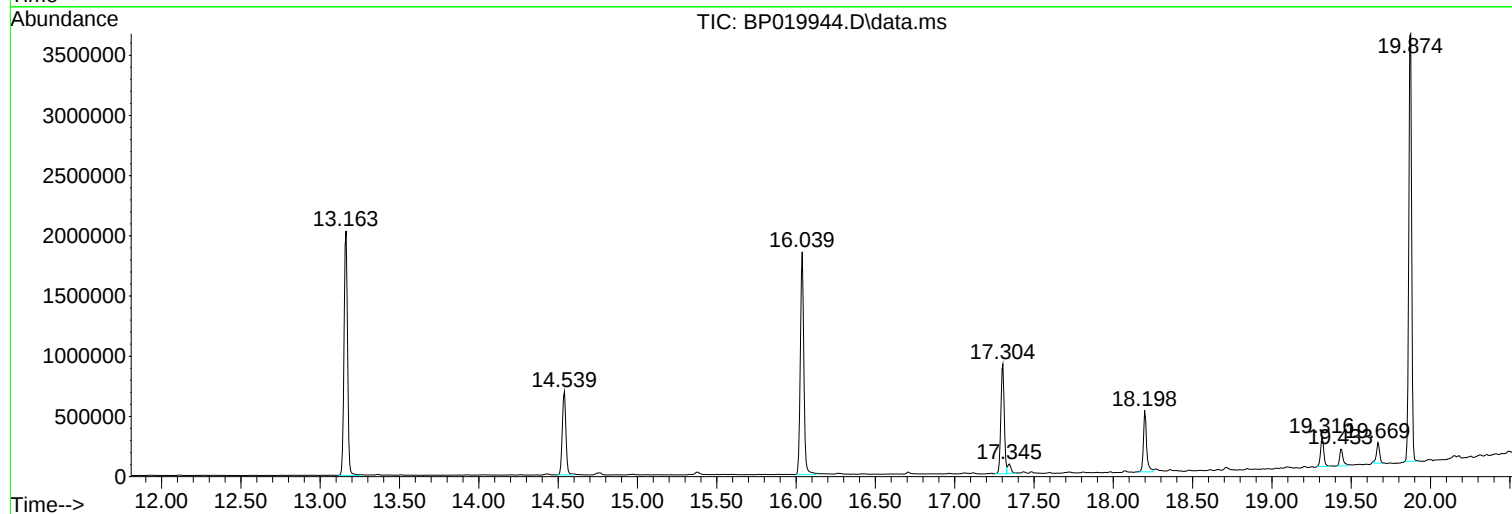
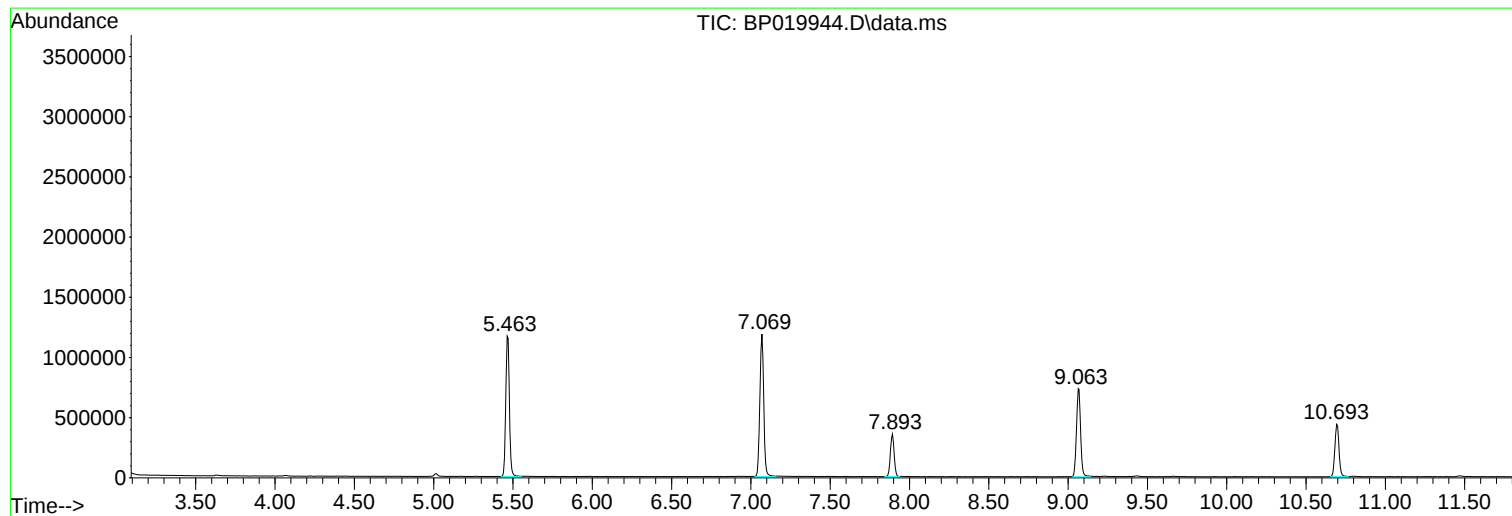
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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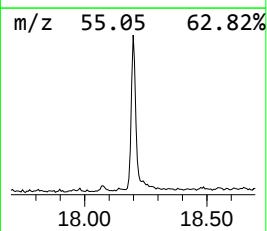
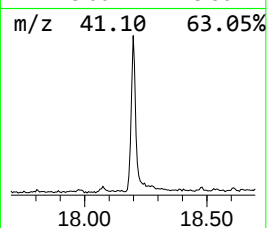
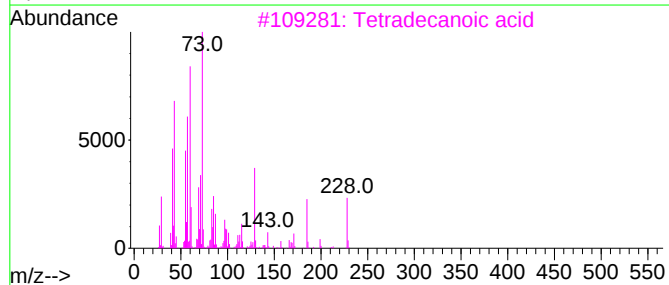
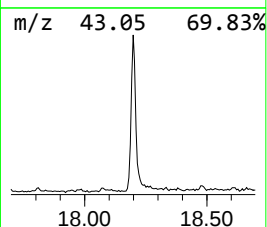
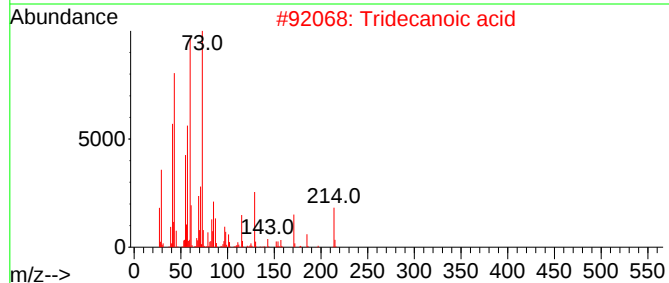
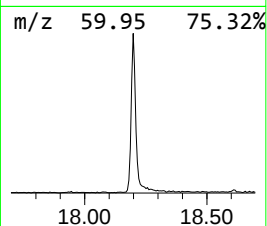
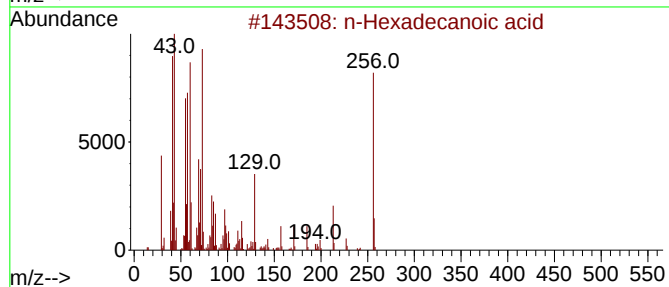
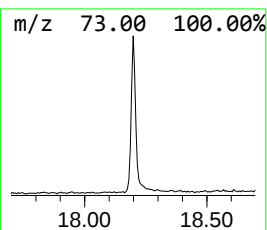
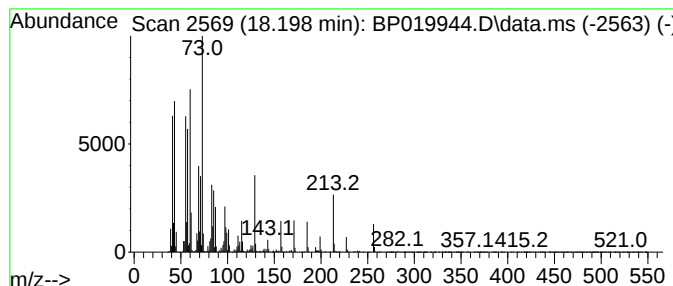
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	10.23 ng	706669	Phenanthrene-d10	17.304

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	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5			Dodecanoic acid	200	C12H24O2	000143-07-7	58



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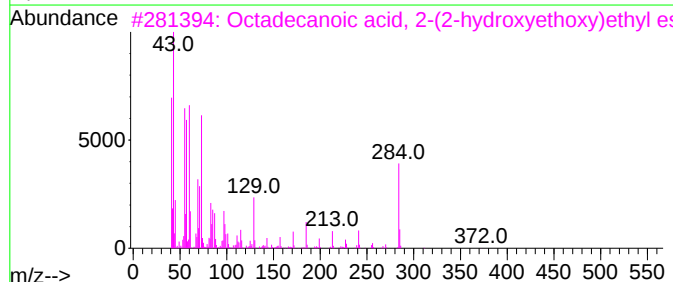
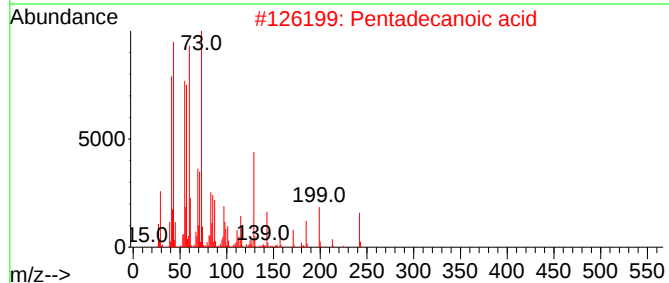
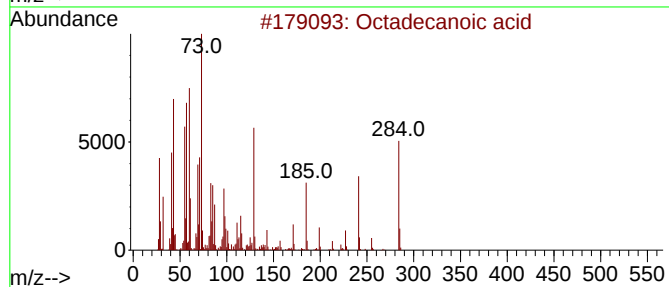
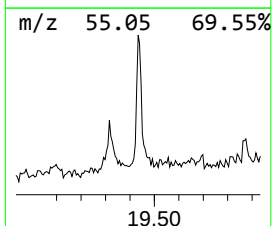
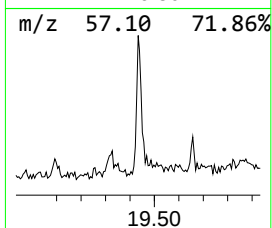
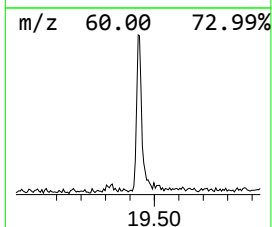
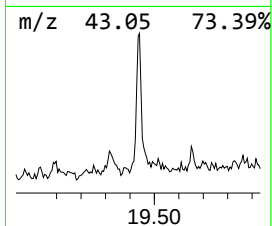
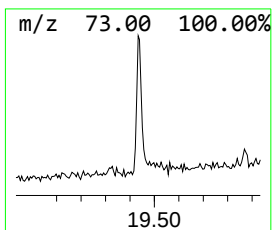
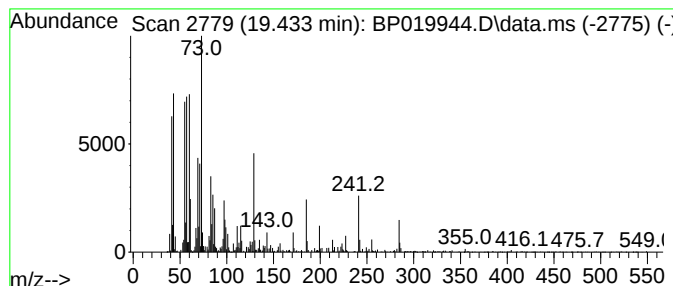
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	3.30 ng	209515	Chrysene-d12	21.404

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	93
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	81
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			n-Decanoic acid	172	C10H20O2	000334-48-5	64



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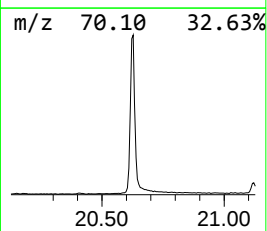
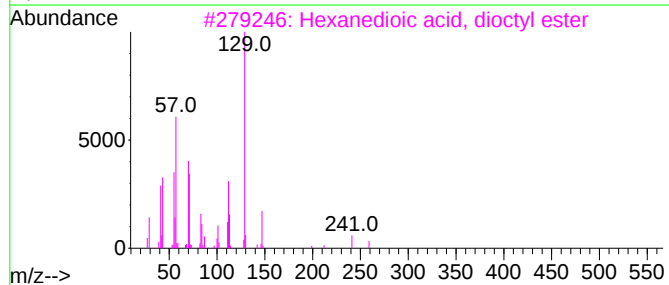
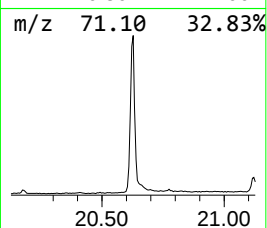
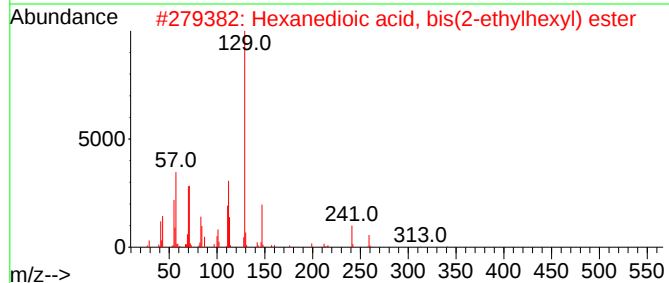
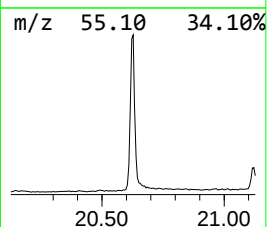
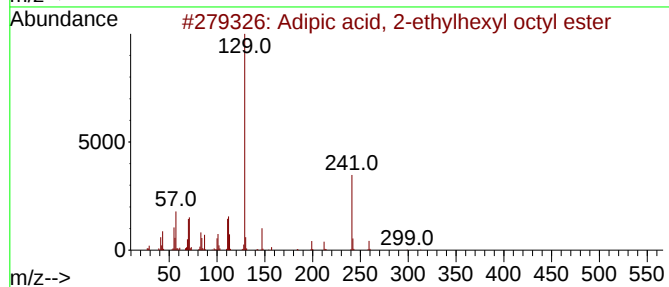
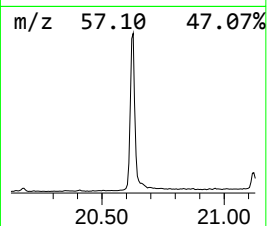
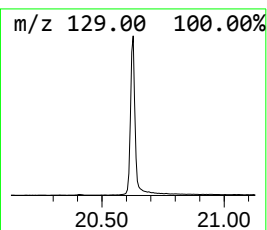
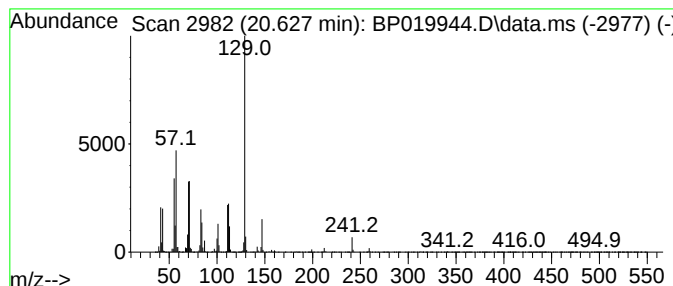
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Peak Number 3 Adipic acid, 2-ethylhexyl o... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.627	47.14 ng	2992970	Chrysene-d12	21.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
2			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
3			Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	83
4			Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	58
5			Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1010324-48-0	53



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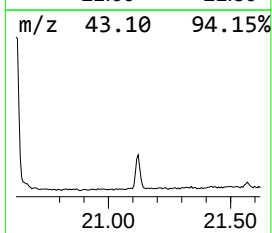
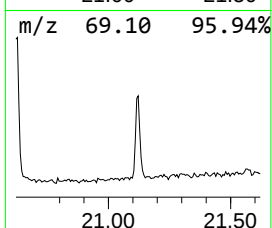
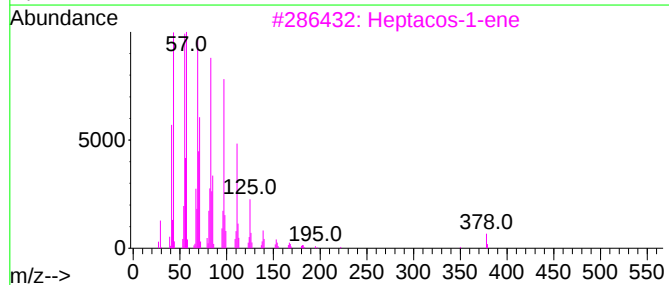
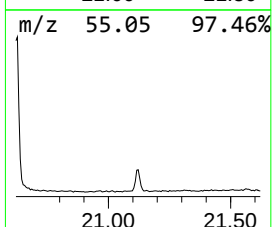
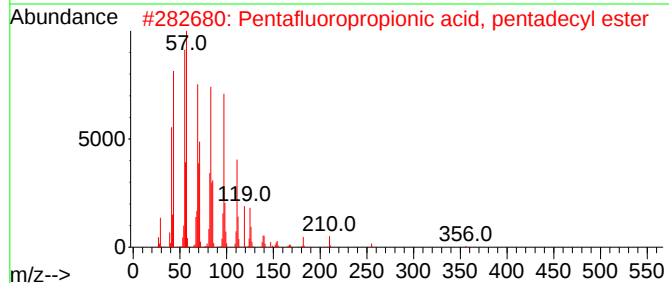
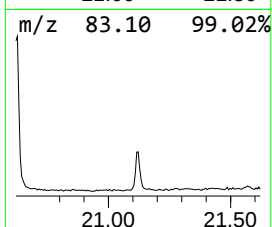
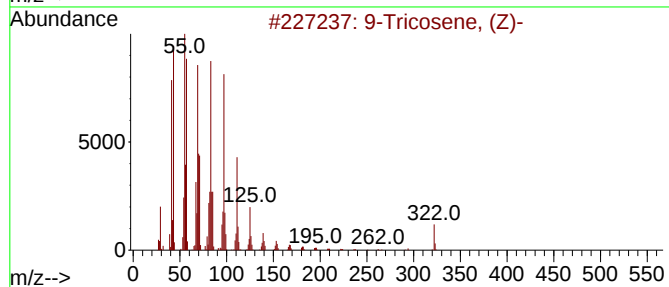
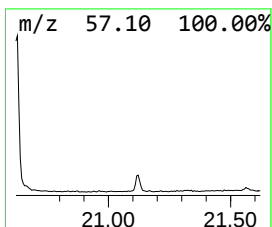
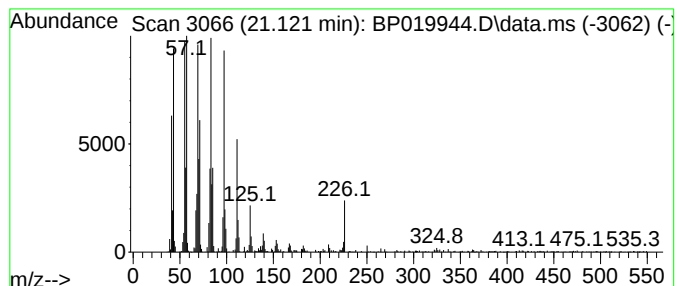
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Peak Number 4 9-Tricosene, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.122	5.30 ng	336194	Chrysene-d12	21.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3			Heptacos-1-ene	378	C27H54	015306-27-1	94
4			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5			1-Heneicosanol	312	C21H44O	015594-90-8	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.198	10.2	ng	706669	4	17.304	1381820	20.0
Octadecanoic acid	19.433	3.3	ng	209515	5	21.404	1269780	20.0
Adipic acid, 2-...	20.627	47.1	ng	2992970	5	21.404	1269780	20.0
9-Tricosene, (Z)-	21.122	5.3	ng	336194	5	21.404	1269780	20.0