

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092420\
 Data File : BF121681.D
 Acq On : 24 Sep 2020 14:47
 Operator : JU/CG
 Sample : L4125-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 CS-36

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_F\METHODS\8270-BF091020.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	564	569	572	rBV	3876627	4080032	61.14%	7.170%
2	6.451	736	742	745	rBV	3796431	4231103	63.41%	7.435%
3	6.645	772	775	788	rBV	46579	76032	1.14%	0.134%
4	6.810	799	803	806	rBV	2905444	2472402	37.05%	4.345%
5	7.375	893	899	902	rBV	2859516	3035905	45.50%	5.335%
6	8.092	1016	1021	1024	rBV	3399875	3234199	48.47%	5.683%
7	9.169	1198	1204	1207	rBV	5124722	5293416	79.33%	9.302%
8	9.563	1266	1271	1275	rBV	565529	505898	7.58%	0.889%
9	9.851	1314	1320	1323	rBV	3783187	3865518	57.93%	6.793%
10	10.639	1449	1454	1457	rBV	3049253	3125830	46.84%	5.493%
11	11.339	1567	1573	1576	rBV	3955643	4202654	62.98%	7.385%
12	11.869	1656	1663	1677	rBV	655067	1101388	16.51%	1.935%
13	12.121	1703	1706	1712	rVV	74961	95629	1.43%	0.168%
14	12.180	1712	1716	1720	rVB2	57479	75050	1.12%	0.132%
15	12.510	1768	1772	1777	rBV2	44686	73432	1.10%	0.129%
16	12.651	1790	1796	1808	rBV	511903	759853	11.39%	1.335%
17	12.927	1836	1843	1846	rBV	6018270	6672731	100.00%	11.726%
18	13.839	1990	1998	2013	rBV2	395595	954760	14.31%	1.678%
19	13.980	2016	2022	2025	rBV	4014886	4441732	66.57%	7.805%
20	14.739	2147	2151	2153	rBV	111577	144189	2.16%	0.253%
21	14.857	2154	2171	2194	rVB2	768348	3481510	52.18%	6.118%
22	15.074	2200	2208	2219	rBV	237939	541865	8.12%	0.952%
23	15.433	2261	2269	2279	rVB	2714155	3961092	59.36%	6.961%
24	15.874	2339	2344	2350	rVB	132309	199045	2.98%	0.350%
25	16.368	2422	2428	2442	rVB3	76661	174416	2.61%	0.307%
26	18.356	2762	2766	2774	rVB6	43283	105590	1.58%	0.186%

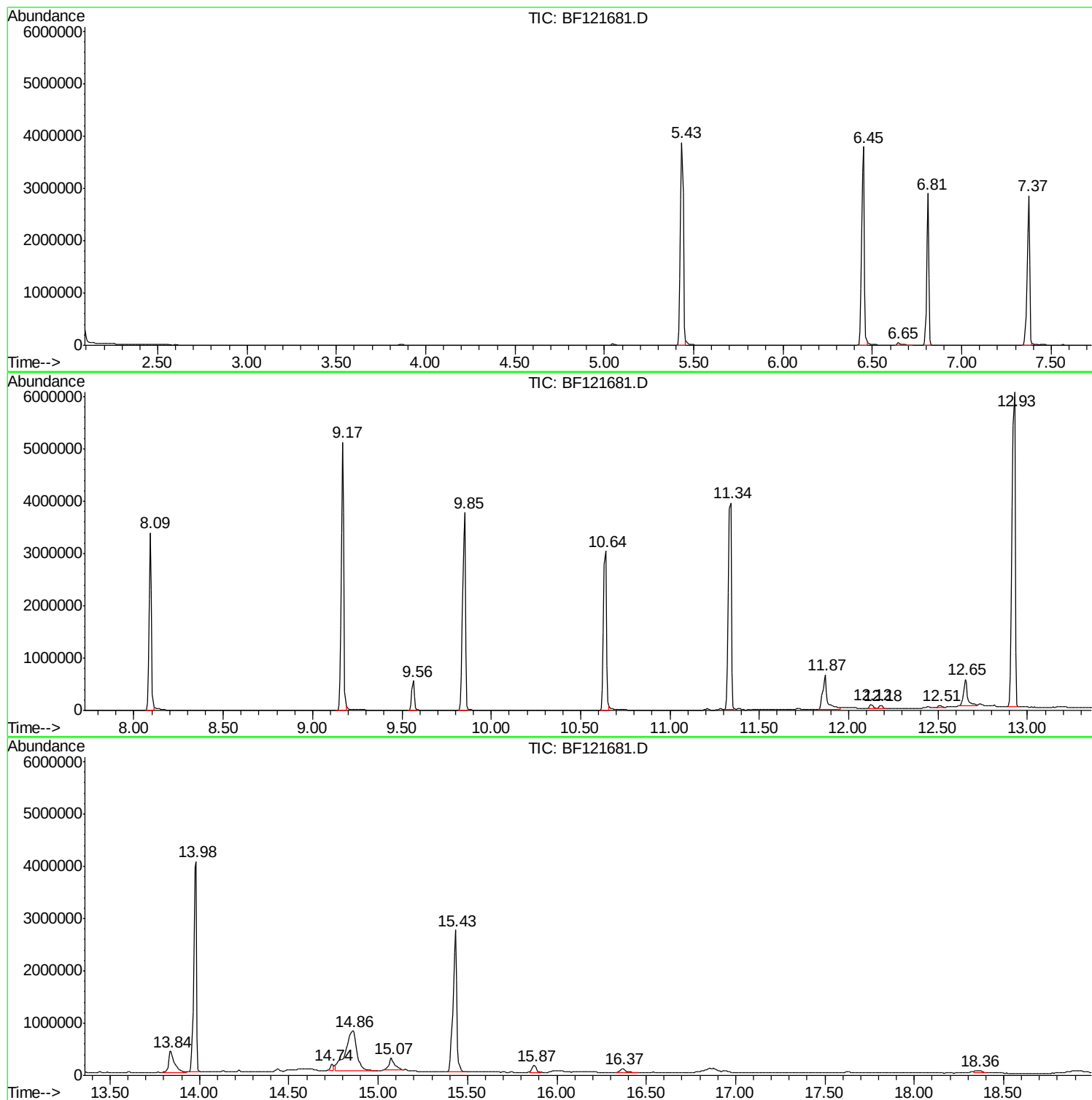
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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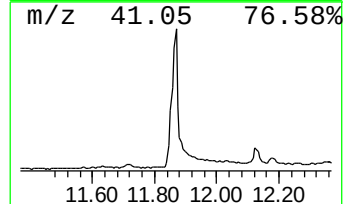
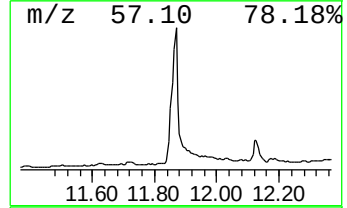
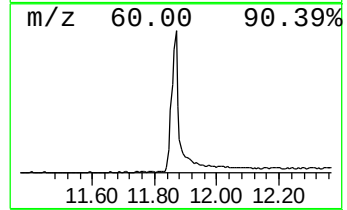
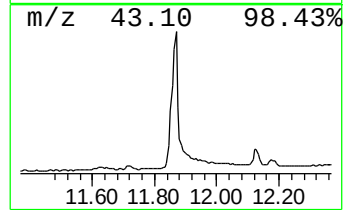
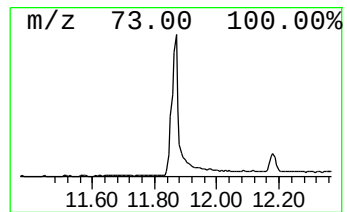
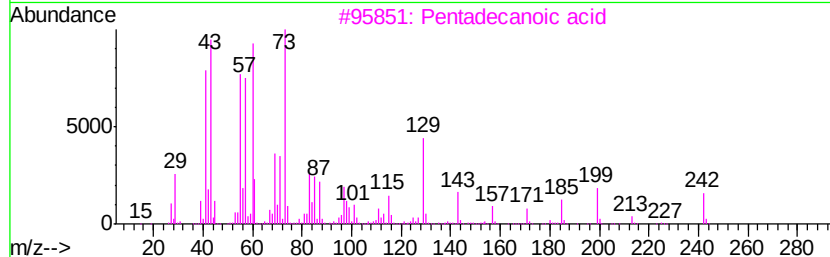
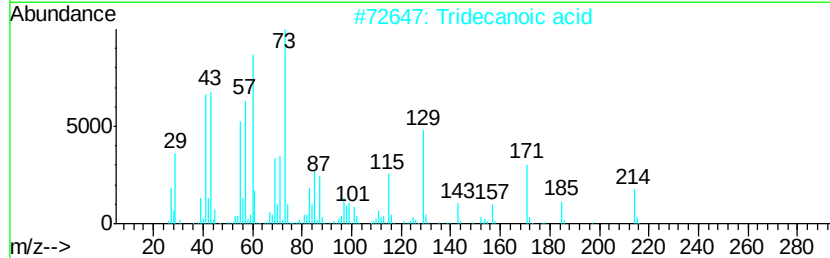
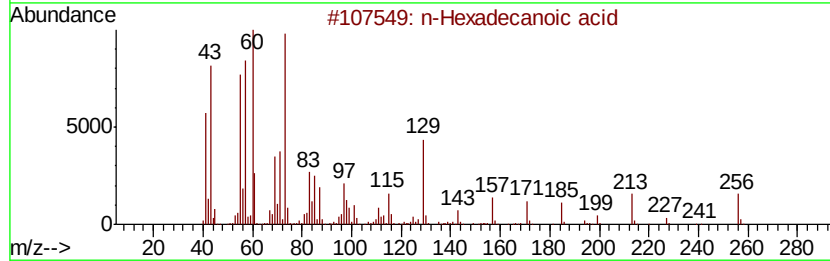
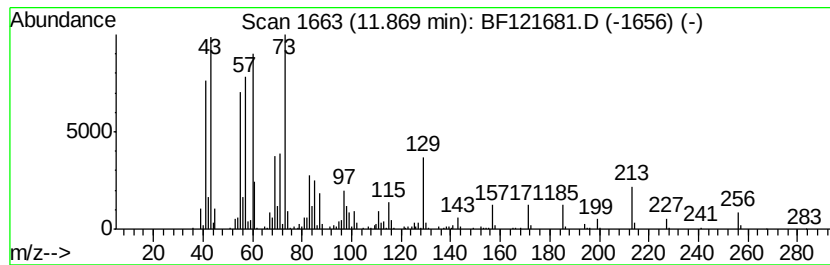
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.87	10.48 ng	1101390	Phenanthrene-d10	11.34	
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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20



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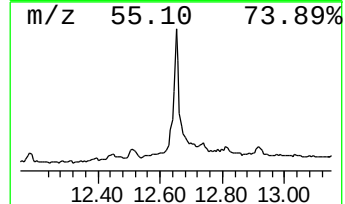
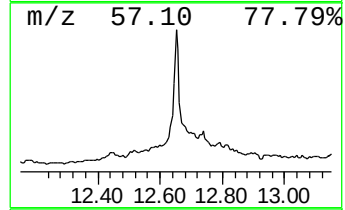
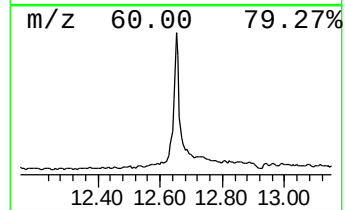
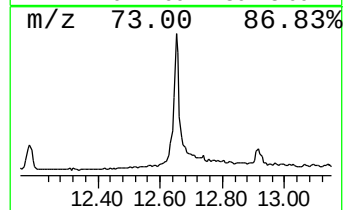
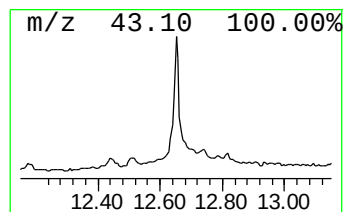
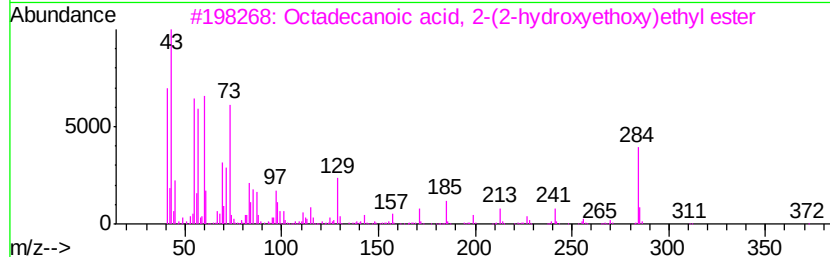
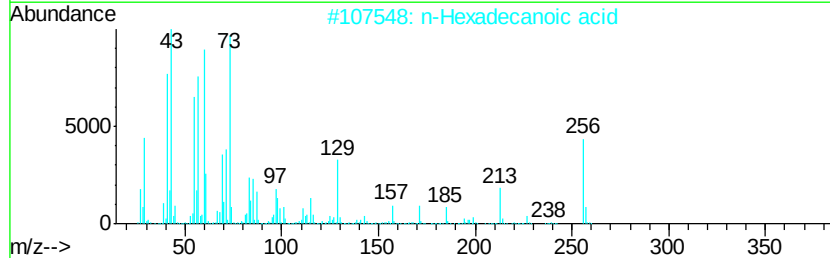
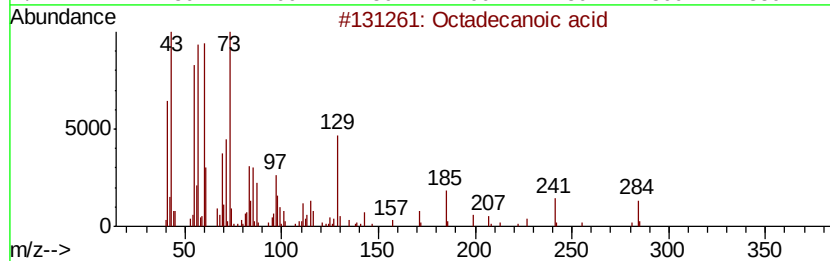
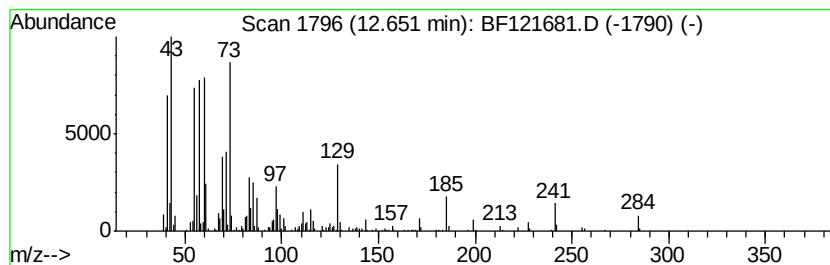
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.65	7.23 ng	759853	Phenanthrene-d10	11.34		
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	93
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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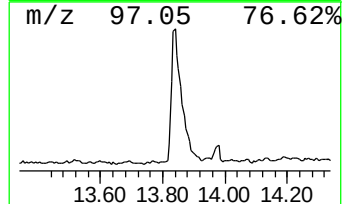
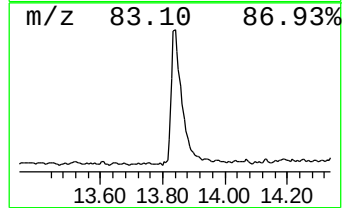
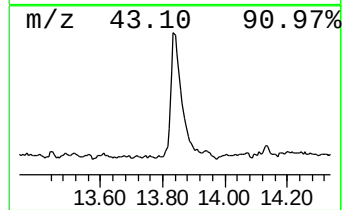
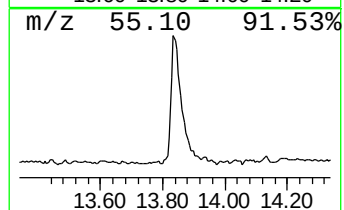
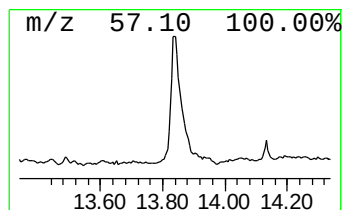
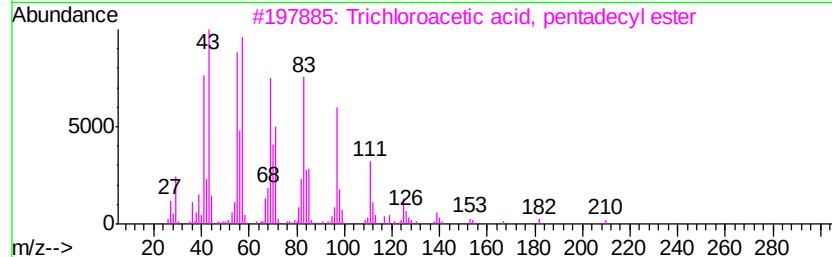
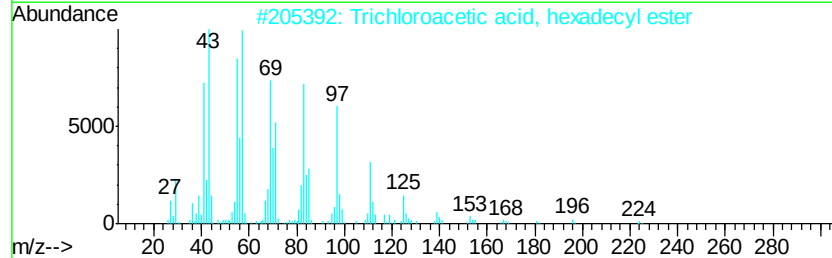
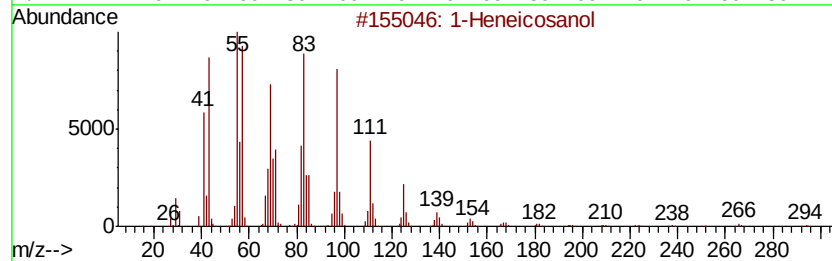
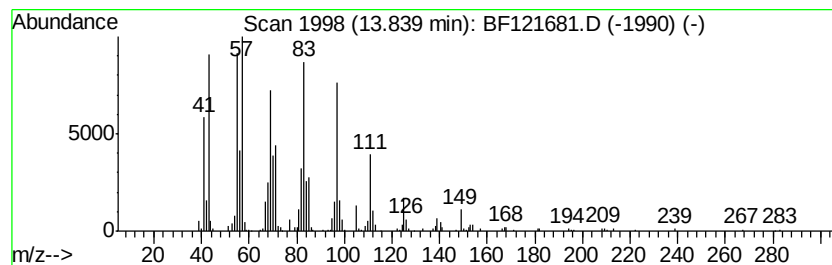
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	8.60 ng	954760	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	93



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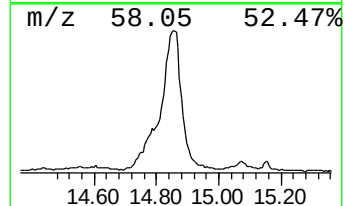
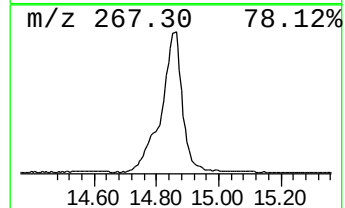
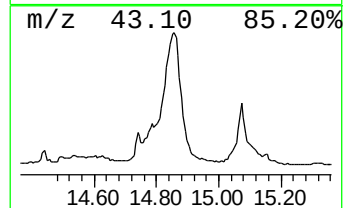
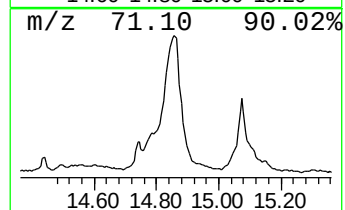
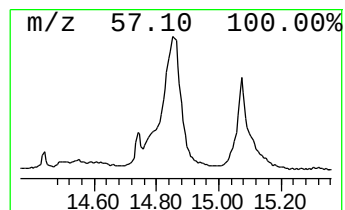
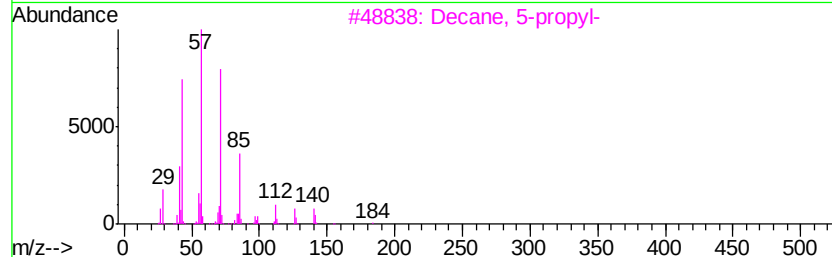
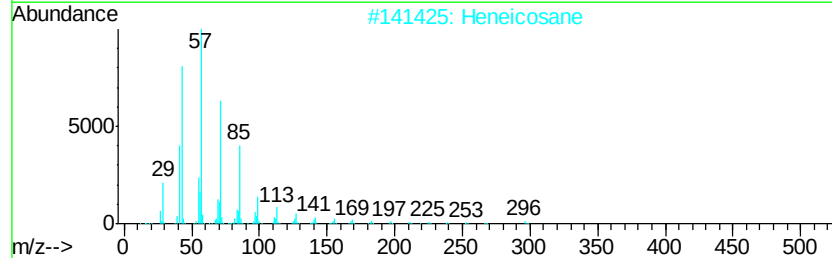
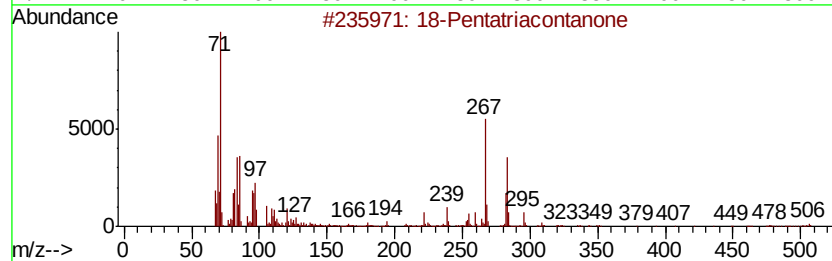
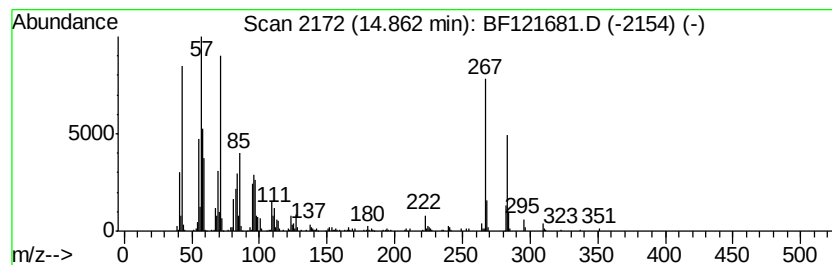
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 18-Pentatriacontanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	35.16 ng	3481510	Perylene-d12	15.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		18-Pentatriacontanone	507	C35H70O	000504-53-0	50
2		Heneicosane	296	C21H44	000629-94-7	30
3		Decane, 5-propyl-	184	C13H28	017312-62-8	30
4		Stearic acid hydrazide	298	C18H38N2O	004130-54-5	30
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	25



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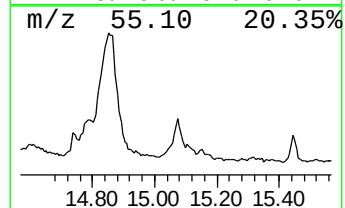
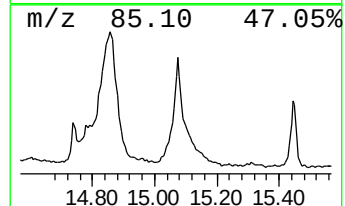
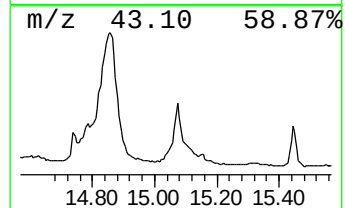
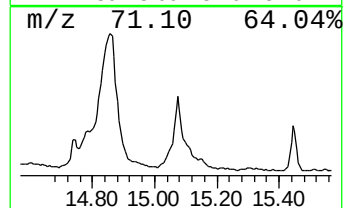
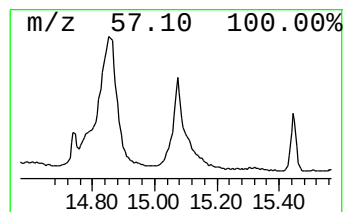
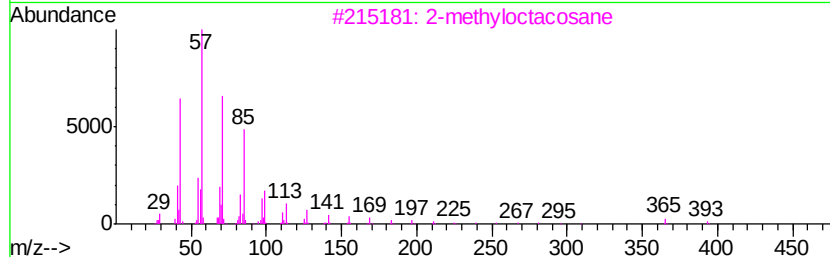
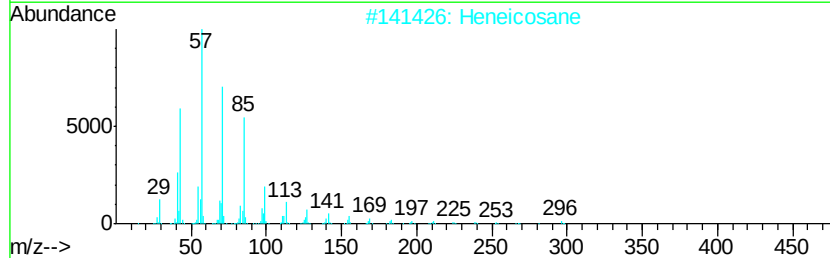
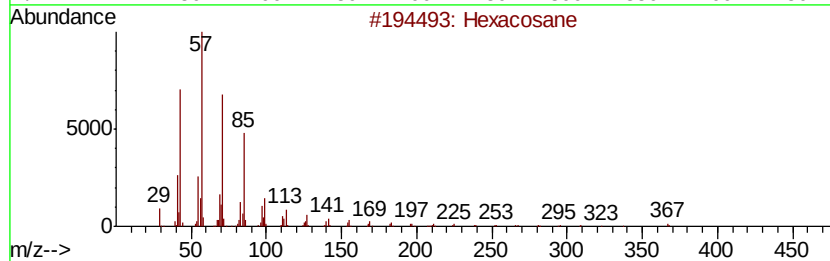
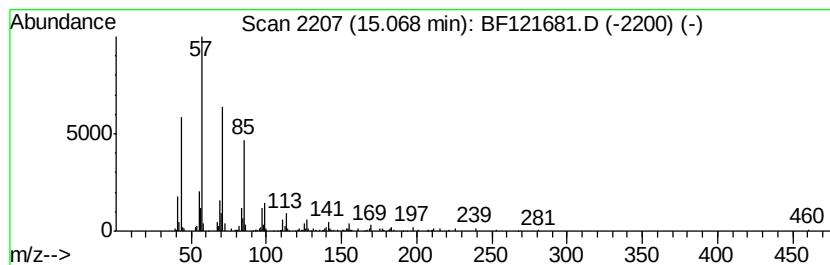
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	5.47 ng	541865	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	94
2	Heneicosane	296 C21H44	000629-94-7	91
3	2-methyloctacosane	408 C29H60	1000376-72-8	91
4	Octacosane	394 C28H58	000630-02-4	91
5	Triacontane	422 C30H62	000638-68-6	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	11.87	10.5	ng	1101390	4	11.34	4202650	20.0
Octadecanoic acid	12.65	7.2	ng	759853	4	11.34	4202650	20.0
1-Heneicosanol	13.84	8.6	ng	954760	5	13.98	4441730	20.0
18-Pentatriaconta...	14.86	35.2	ng	3481510	6	15.43	3961090	20.0
Hexacosane	15.07	5.5	ng	541865	6	15.43	3961090	20.0