

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050222\
 Data File : BM034875.D
 Acq On : 02 May 2022 16:40
 Operator : CG/JU
 Sample : N2619-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS07-1-2-FT

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-BM042722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034875.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.504	403	411	426	rBV	4682467	6836869	35.78%	8.288%
2	7.093	673	681	691	rBV	4671984	7379527	38.62%	8.945%
3	7.928	816	823	831	rBV	801075	1241772	6.50%	1.505%
4	9.087	1012	1020	1031	rBV	2900444	4720322	24.70%	5.722%
5	10.728	1292	1299	1307	rBV	1078214	1780622	9.32%	2.158%
6	13.186	1710	1717	1728	rBV	7447649	10970974	57.42%	13.299%
7	14.557	1943	1950	1962	rVB	1757474	2572272	13.46%	3.118%
8	16.045	2195	2203	2222	rBV	6819816	9744754	51.00%	11.813%
9	17.298	2409	2416	2422	rBV	2358973	3295517	17.25%	3.995%
10	18.204	2564	2570	2579	rBV	1048193	1466752	7.68%	1.778%
11	19.351	2758	2765	2774	rBV	137600	317014	1.66%	0.384%
12	19.480	2782	2787	2796	rBV	311430	486424	2.55%	0.590%
13	19.721	2823	2828	2836	rVB2	93012	194309	1.02%	0.236%
14	19.927	2857	2863	2868	rBV	15307964	19107494	100.00%	23.162%
15	21.192	3074	3078	3089	rBV	2007745	2552432	13.36%	3.094%
16	21.474	3121	3126	3131	rBV	3252045	4366504	22.85%	5.293%
17	22.121	3232	3236	3247	rVB2	320296	466322	2.44%	0.565%
18	22.592	3313	3316	3322	rBV4	122833	195865	1.03%	0.237%
19	23.868	3526	3533	3545	rVB2	2001012	3974063	20.80%	4.817%
20	24.591	3651	3656	3665	rVB	393768	824551	4.32%	1.000%

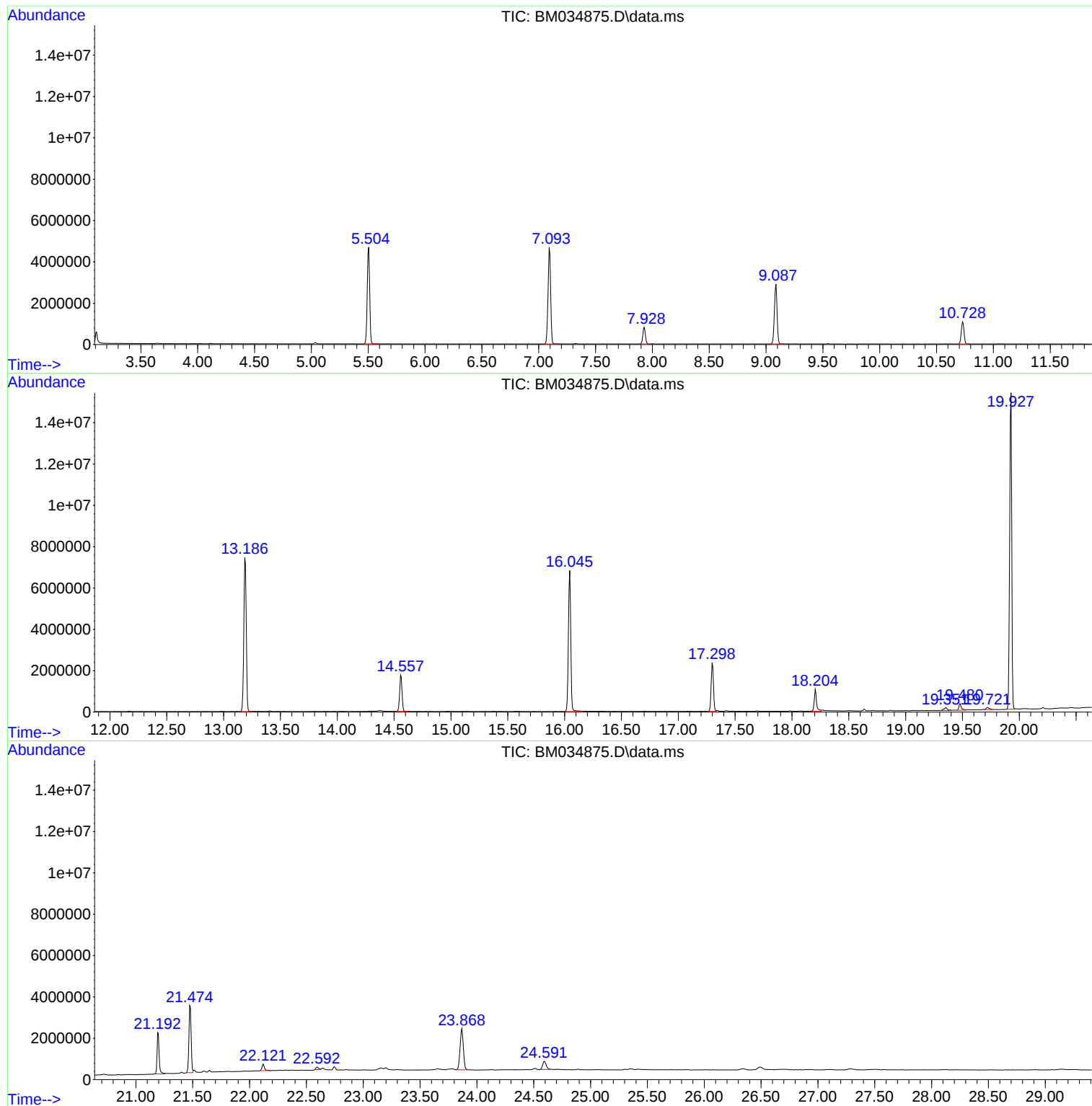
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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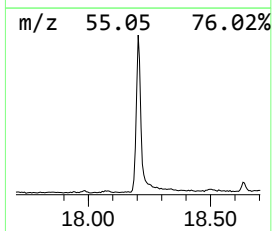
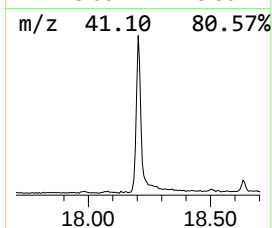
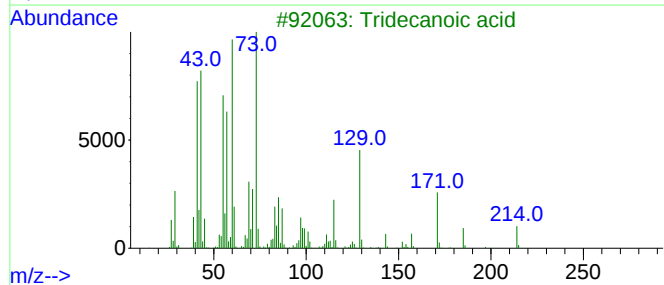
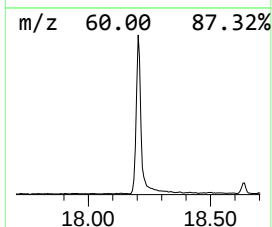
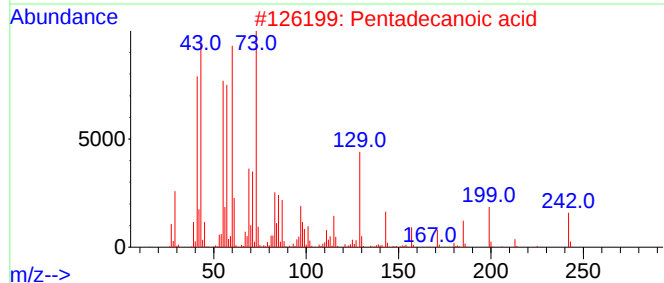
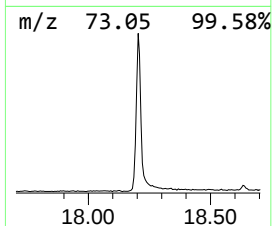
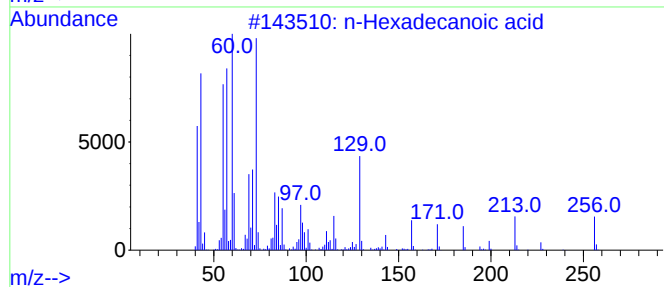
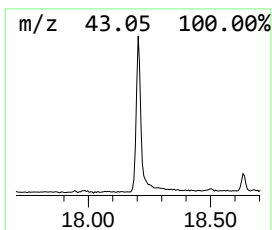
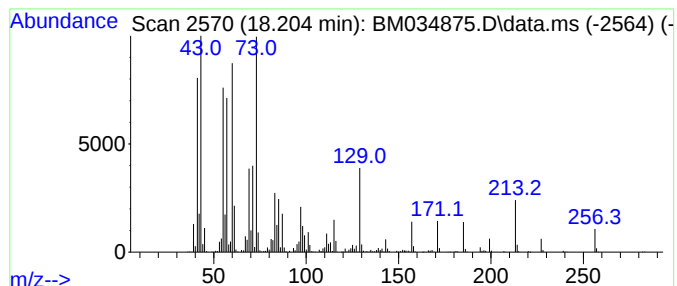
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	8.90 ng	1466750	Phenanthrene-d10	17.298

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			n-Decanoic acid	172	C10H20O2	000334-48-5	76
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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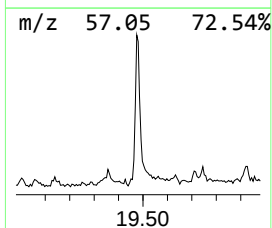
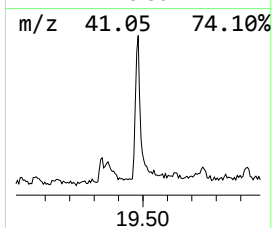
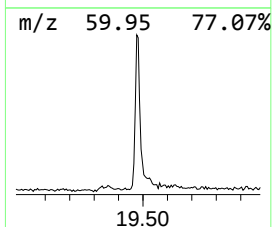
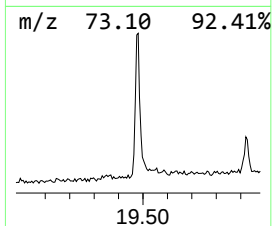
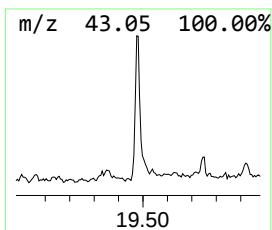
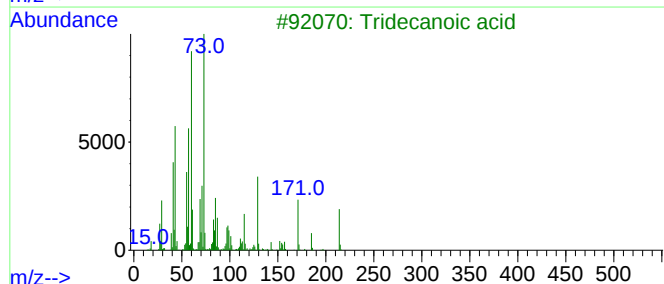
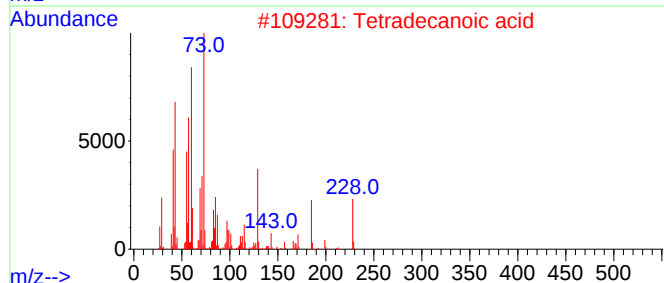
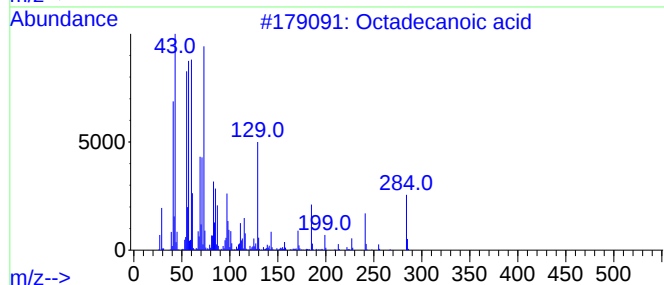
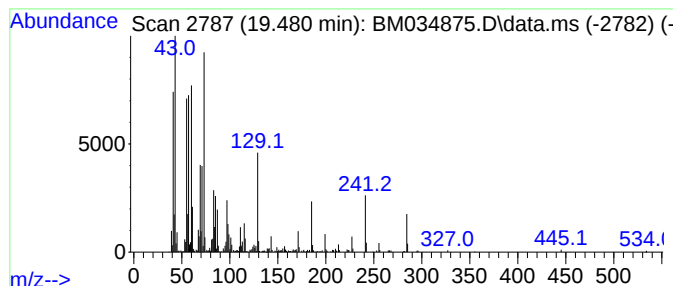
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.480	2.23 ng	486424	Chrysene-d12	21.474

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3			Tridecanoic acid	214	C13H26O2	000638-53-9	81
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64



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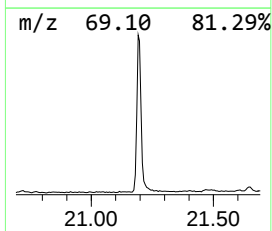
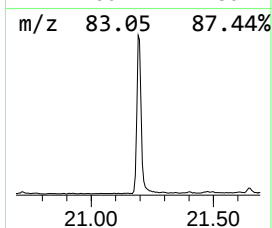
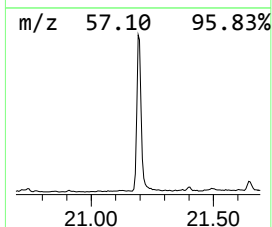
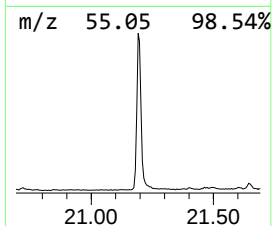
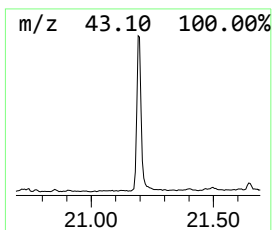
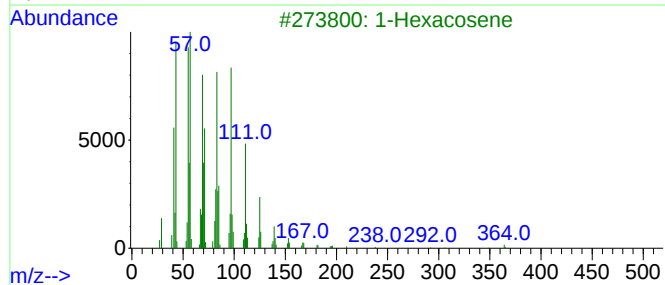
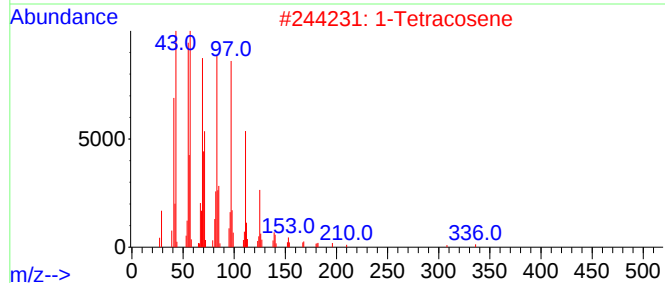
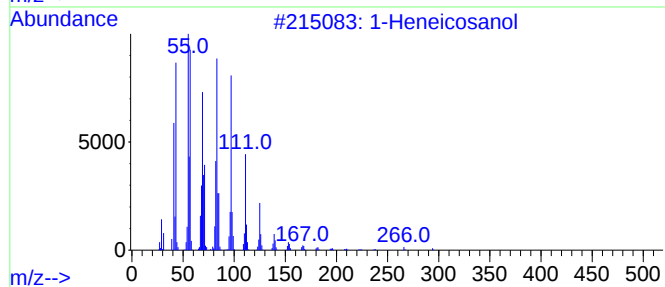
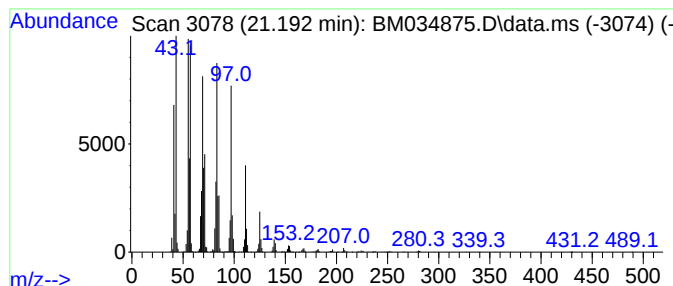
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TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	11.69 ng	2552430	Chrysene-d12	21.474

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosanol	312	C21H44O	015594-90-8	95
2		1-Tetracosene	336	C24H48	010192-32-2	94
3		1-Hexacosene	364	C26H52	018835-33-1	94
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94



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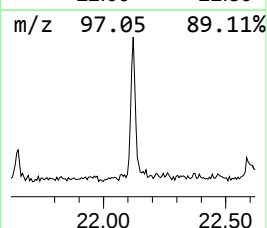
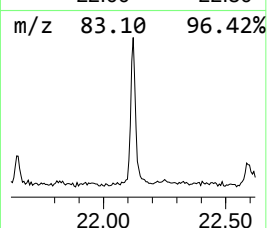
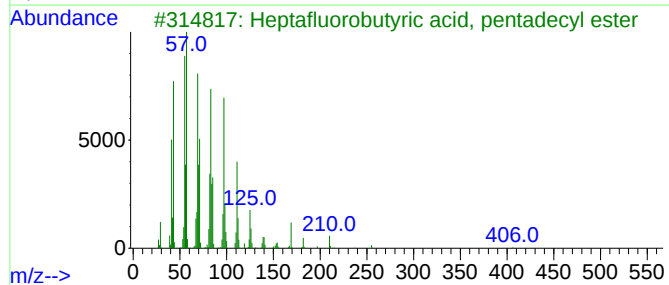
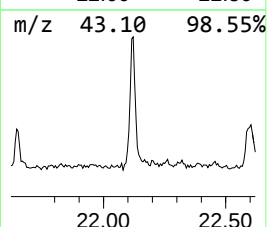
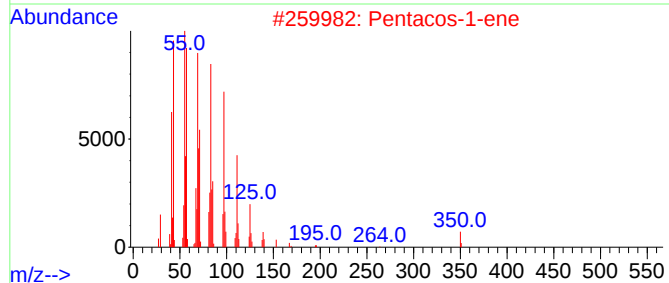
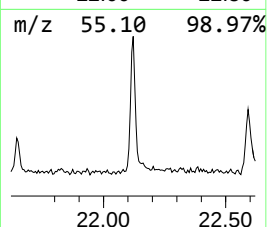
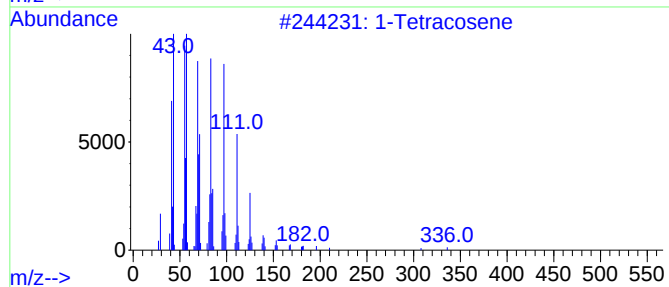
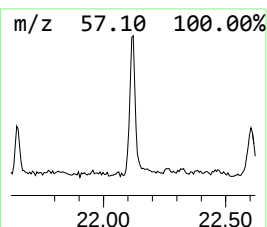
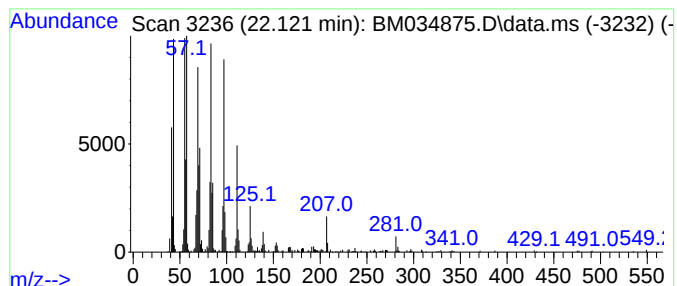
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Peak Number 4 1-Tetracosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.121	2.14 ng	466322	Chrysene-d12	21.474

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tetracosene	336	C24H48	010192-32-2	94
2			Pentacos-1-ene	350	C25H50	016980-85-1	94
3			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4			1-Heneicosanol	312	C21H44O	015594-90-8	93
5			Nonacos-1-ene	406	C29H58	018835-35-3	93



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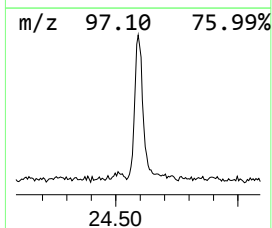
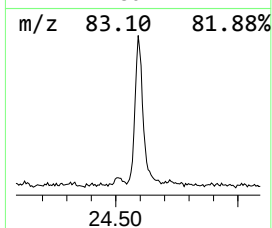
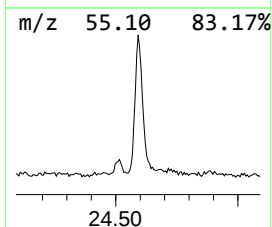
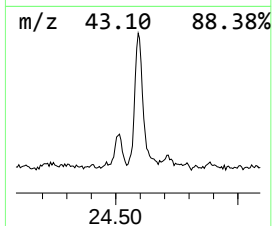
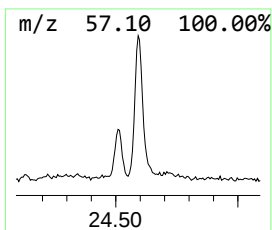
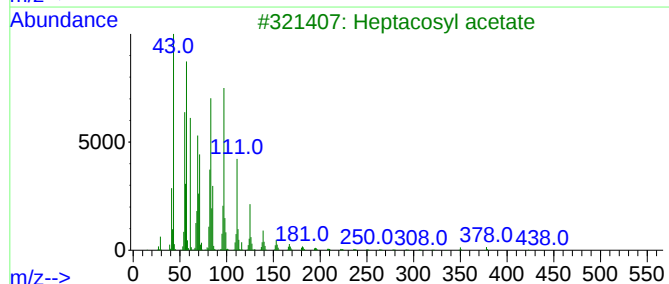
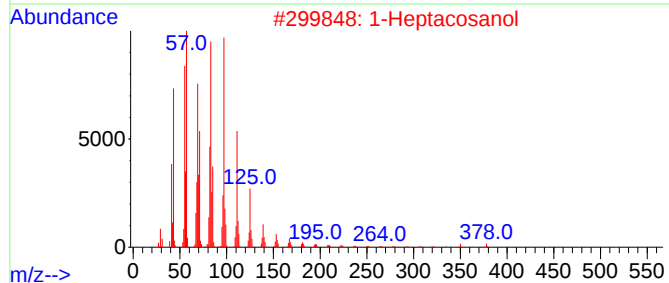
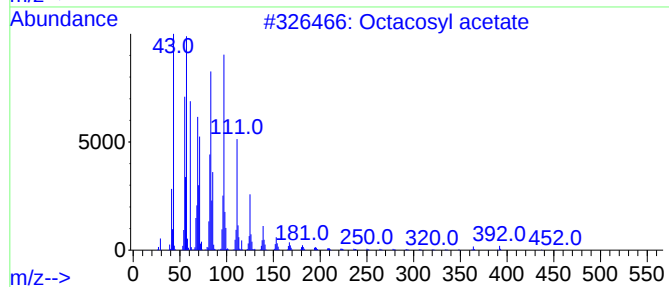
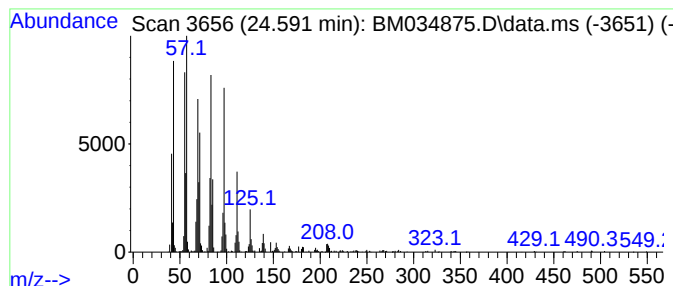
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octacosyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.592	4.15 ng	824551	Perylene-d12	23.868

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosyl acetate	452	C30H60O2	018206-97-8	95
2			1-Heptacosanol	396	C27H56O	002004-39-9	95
3			Heptacosyl acetate	438	C29H58O2	1000351-78-2	95
4			Octacosanol	410	C28H58O	000557-61-9	95
5			Triacetyl acetate	480	C32H64O2	041755-58-2	95



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.204	8.9	ng	1466750	4	17.298	3295520	20.0
Octadecanoic acid	19.480	2.2	ng	486424	5	21.474	4366500	20.0
1-Heneicosanol	21.192	11.7	ng	2552430	5	21.474	4366500	20.0
1-Tetracosene	22.121	2.1	ng	466322	5	21.474	4366500	20.0
Octacosyl acetate	24.592	4.2	ng	824551	6	23.868	3974060	20.0