

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
 Data File : BM018595.D
 Acq On : 16 Jan 2019 22:14
 Operator : JU/SJ
 Sample : K1147-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-7

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BM010919.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	4.887	301	306	317	rVB	305241	457455	2.01%	0.298%
2	5.340	376	383	399	rBV	6720383	9836913	43.12%	6.415%
3	6.928	645	653	664	rBV	6697705	10993158	48.19%	7.169%
4	7.281	706	713	724	rBV	7242580	11602174	50.86%	7.567%
5	7.746	785	792	798	rBV	1345637	2074582	9.09%	1.353%
6	8.063	838	846	856	rVB	5427108	8590166	37.66%	5.602%
7	8.916	982	991	1000	rBV	4214720	6907315	30.28%	4.505%
8	10.534	1259	1266	1277	rBV	1708569	2918835	12.80%	1.904%
9	13.010	1679	1687	1702	rBV	10863412	15988032	70.09%	10.427%
10	13.851	1824	1830	1845	rVB	2502067	3524575	15.45%	2.299%
11	14.392	1916	1922	1932	rVB2	2552033	4044287	17.73%	2.638%
12	15.892	2169	2177	2187	rBV	10164461	14269321	62.56%	9.306%
13	17.145	2383	2390	2398	rBV	3503226	4954558	21.72%	3.231%
14	18.039	2535	2542	2558	rBV	2491013	3741770	16.40%	2.440%
15	19.315	2754	2759	2772	rBV	1157400	1720805	7.54%	1.122%
16	19.780	2832	2838	2843	rBV	17418984	22810261	100.00%	14.876%
17	21.033	3047	3051	3064	rBV	1983796	2291036	10.04%	1.494%
18	21.339	3097	3103	3108	rBV	4147006	5346750	23.44%	3.487%
19	21.439	3117	3120	3123	rBV	328845	368579	1.62%	0.240%
20	21.474	3123	3126	3136	rVB	1008971	1057269	4.64%	0.690%
21	21.909	3196	3200	3207	rBV	1622432	2011574	8.82%	1.312%
22	22.380	3275	3280	3286	rVB	2305376	2854795	12.52%	1.862%
23	22.892	3362	3367	3373	rBV	2224712	3223929	14.13%	2.103%
24	23.468	3460	3465	3474	rVB	1894178	3241604	14.21%	2.114%
25	23.615	3483	3490	3498	rVB	2230620	4048464	17.75%	2.640%
26	24.127	3571	3577	3586	rVV	1309496	2535311	11.11%	1.653%
27	24.221	3589	3593	3603	rVB2	264536	515909	2.26%	0.336%
28	24.891	3701	3707	3714	rVB	677017	1404962	6.16%	0.916%

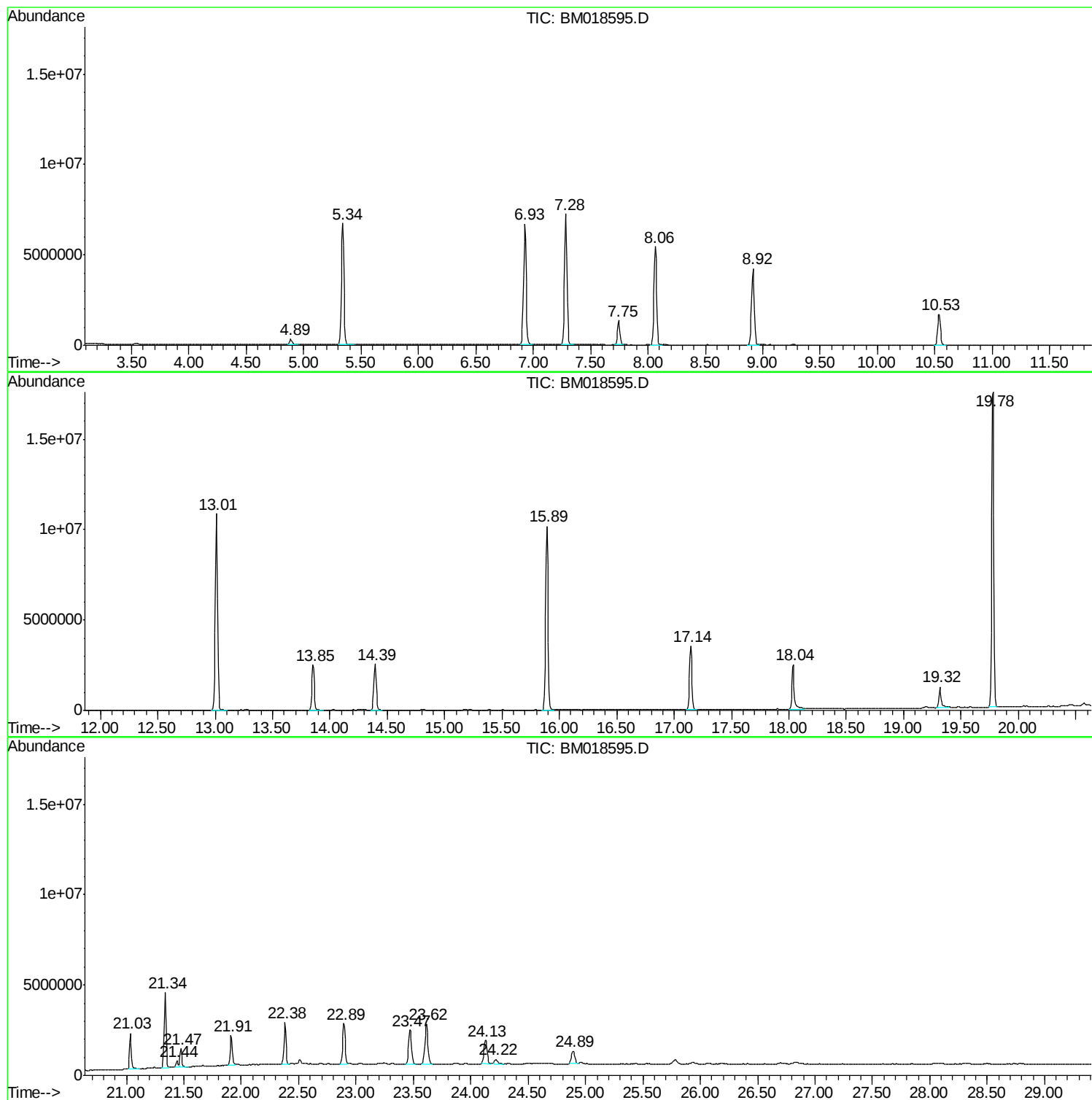
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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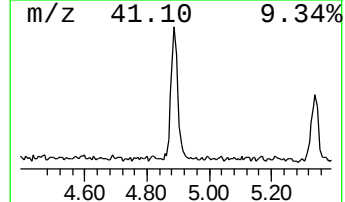
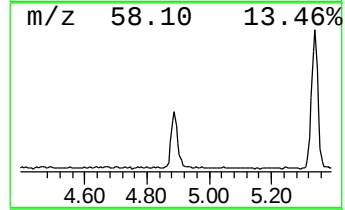
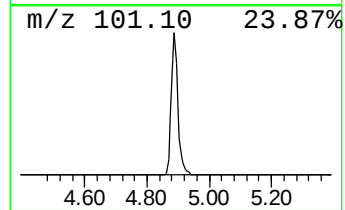
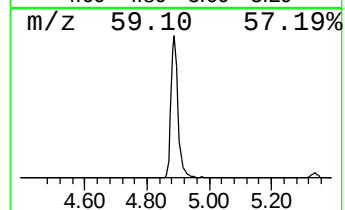
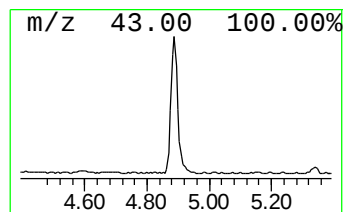
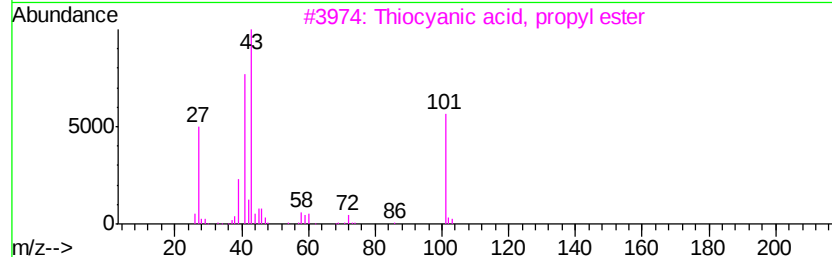
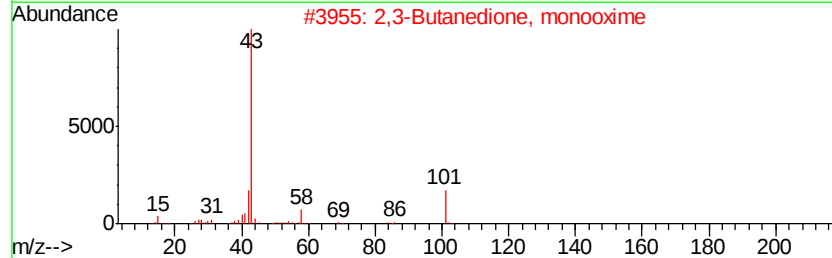
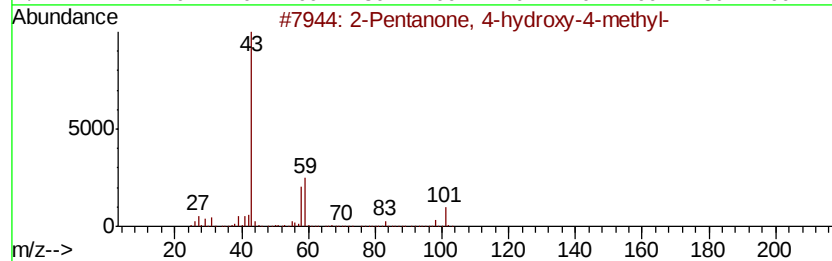
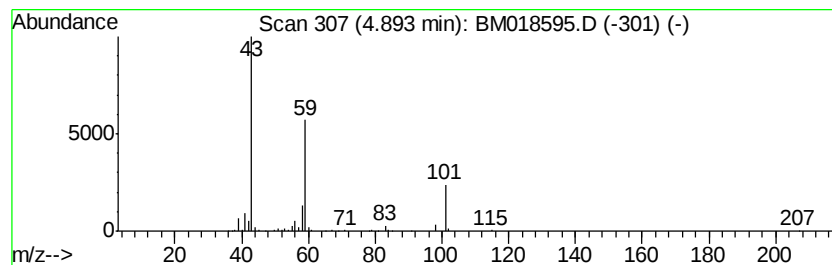
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	4.41 ng	457455	1,4-Dichlorobenzene-d4	7.75

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	9
3			Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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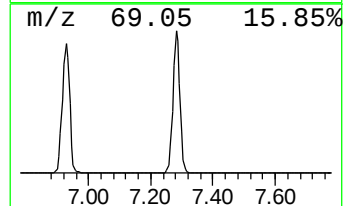
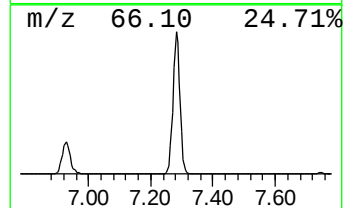
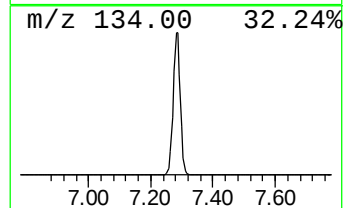
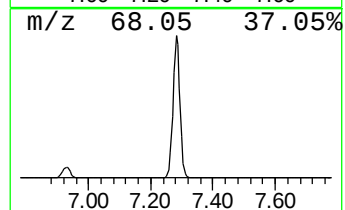
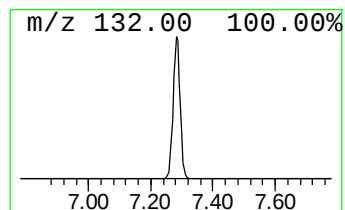
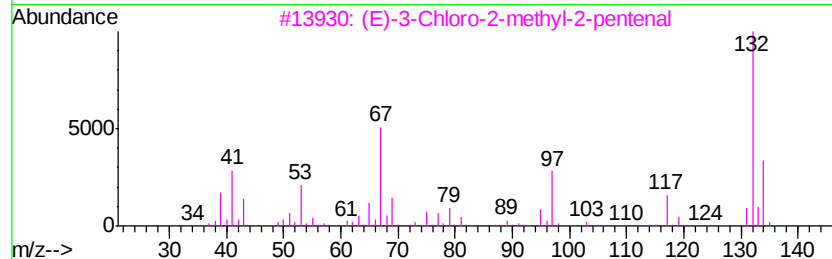
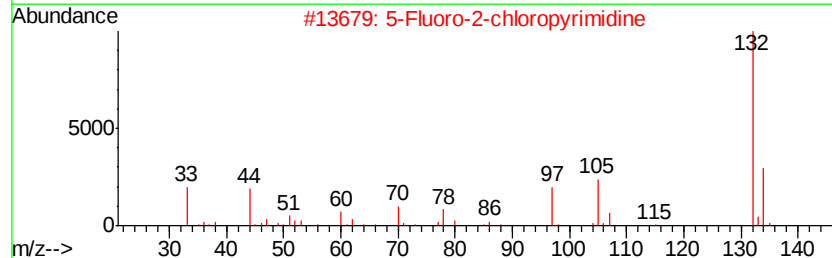
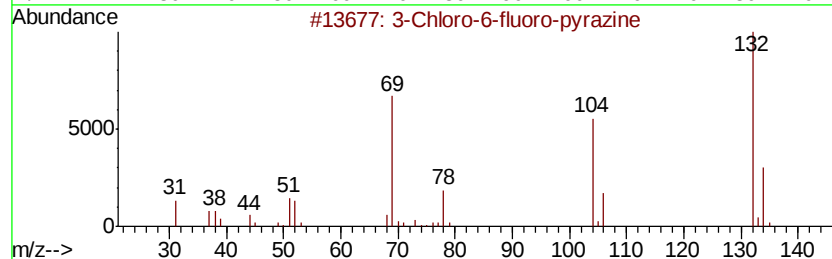
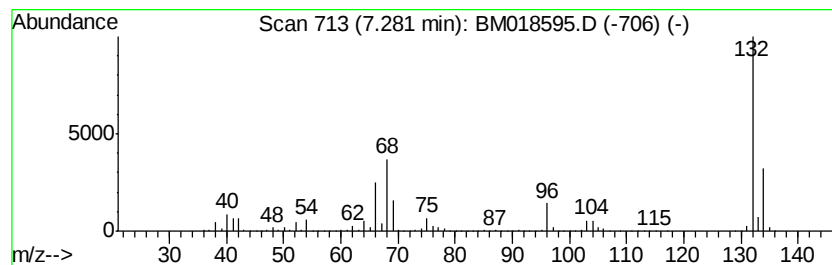
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Peak Number 2 unknown7.28 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	111.85 ng	11602200	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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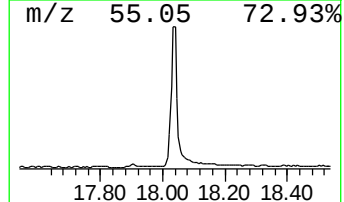
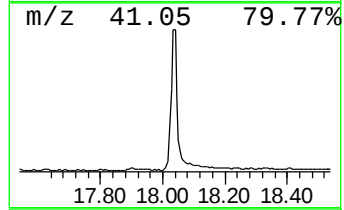
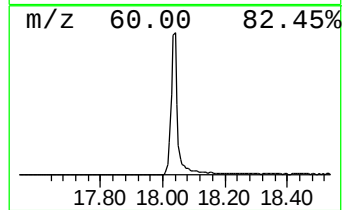
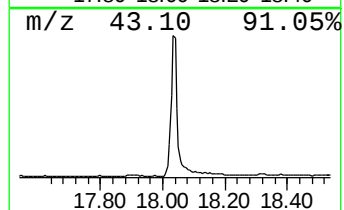
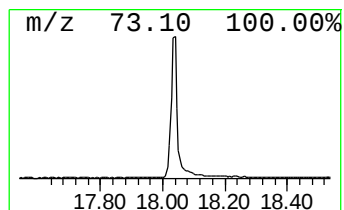
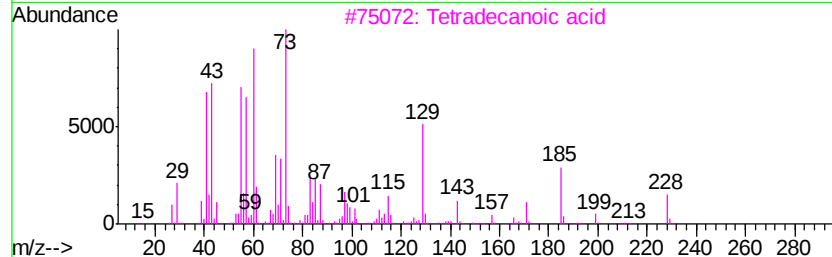
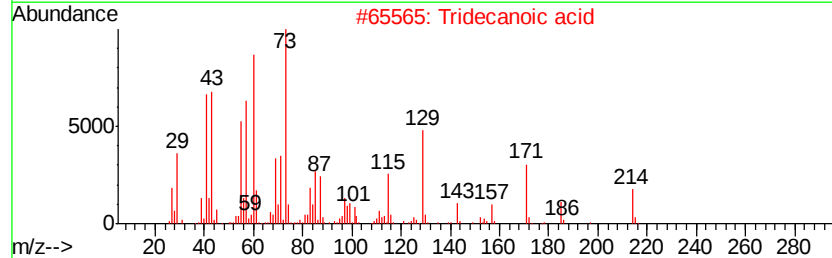
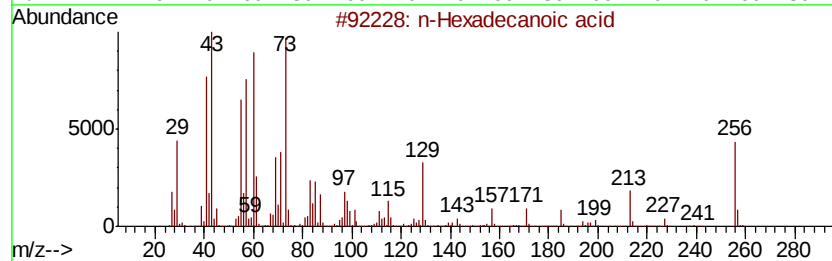
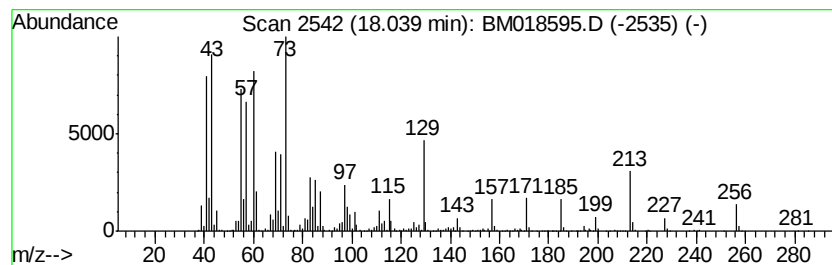
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	15.10 ng	3741770	Phenanthrene-d10	17.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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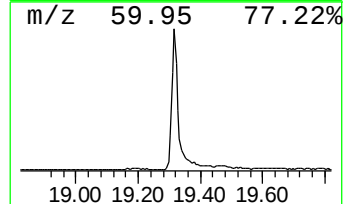
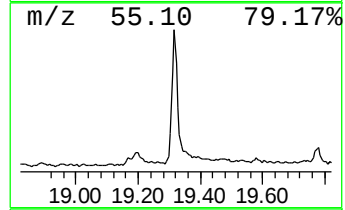
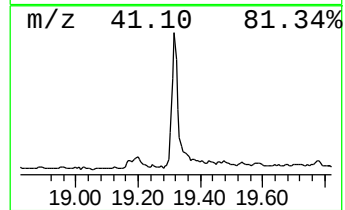
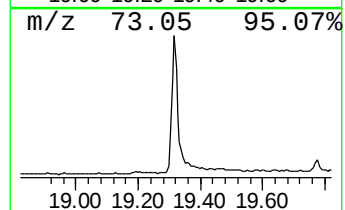
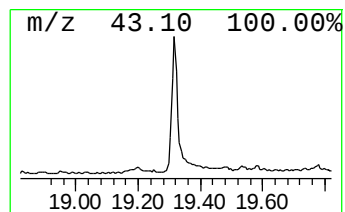
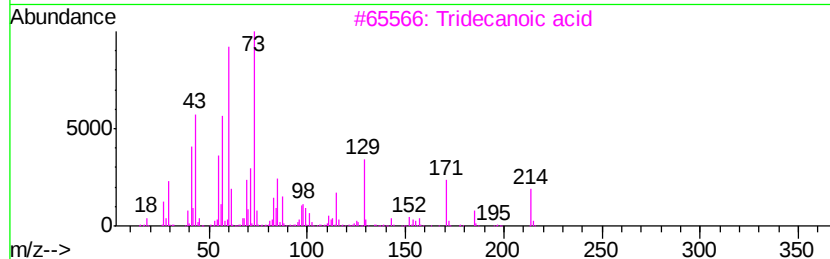
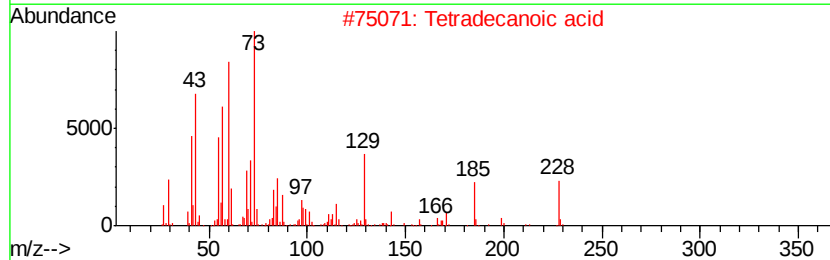
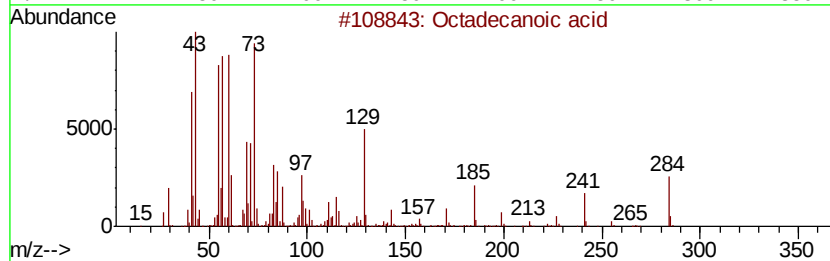
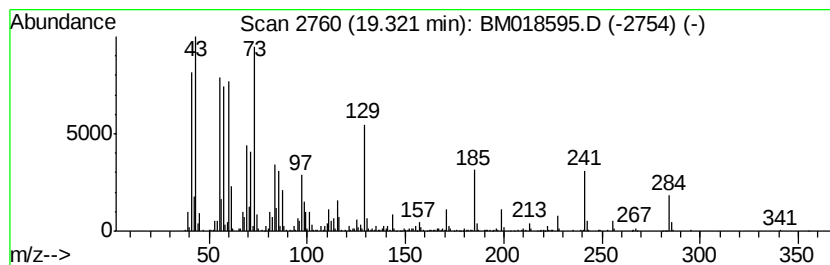
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Peak Number 5 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	6.44 ng	1720810	Chrysene-d12	21.34

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	76
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	43



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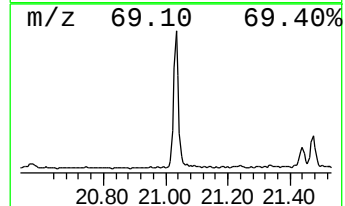
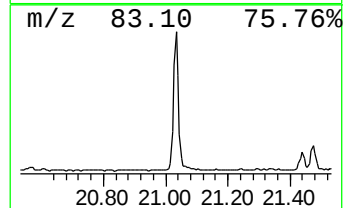
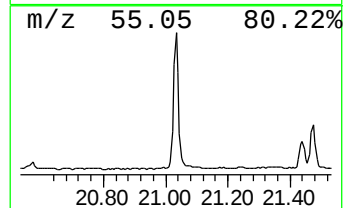
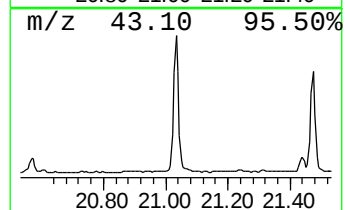
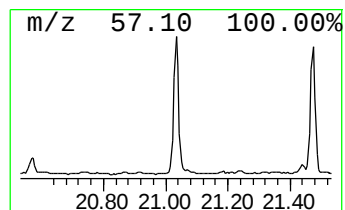
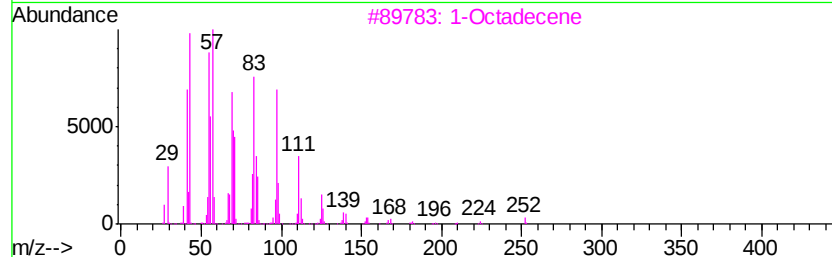
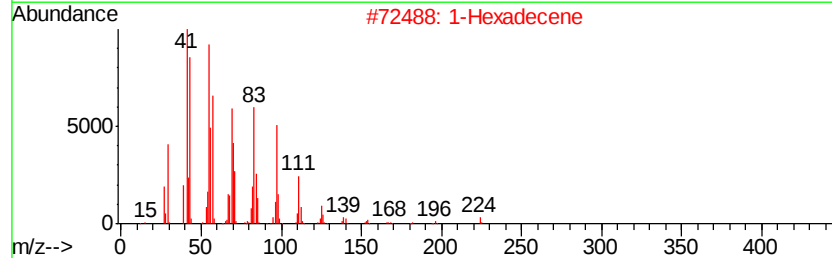
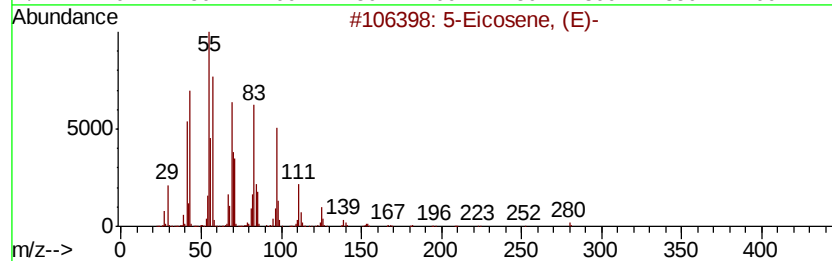
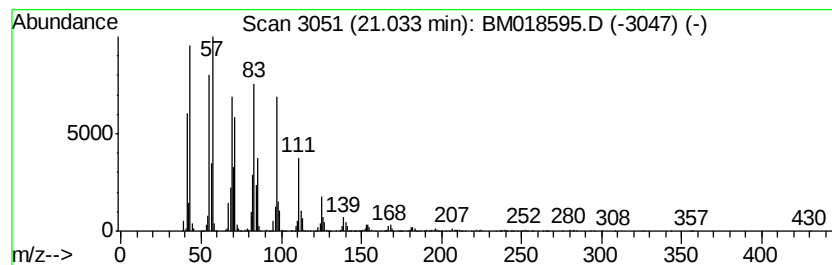
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Peak Number 6 5-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	8.57 ng	2291040	Chrysene-d12	21.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	95
2	1-Hexadecene		224	C16H32	000629-73-2	95
3	1-Octadecene		252	C18H36	000112-88-9	94
4	Heptafluorobutanoic acid, heptad...		452	C21H35F7O2	1000282-97-3	94
5	Pentafluoropropionic acid, hepta...		402	C20H35F5O2	1000283-04-2	94



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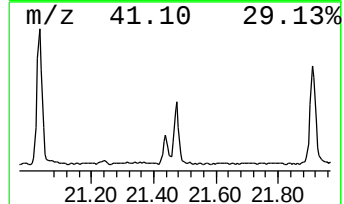
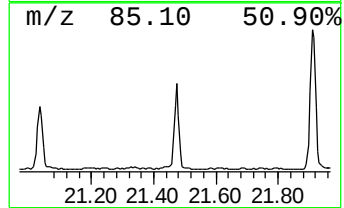
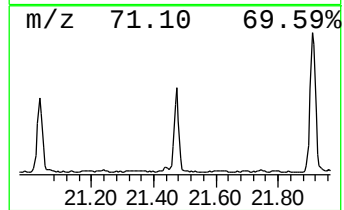
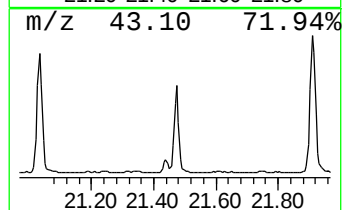
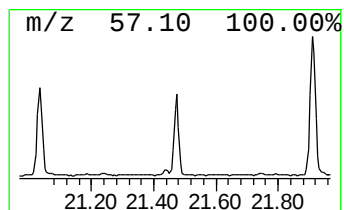
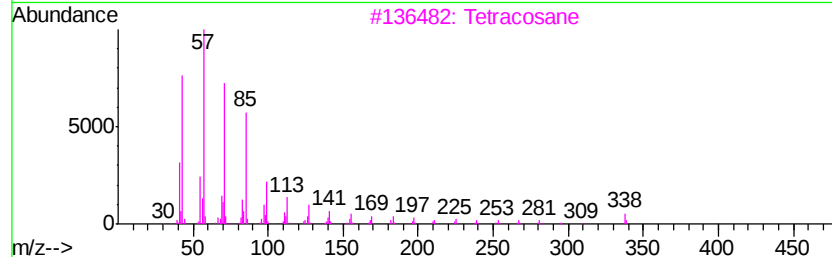
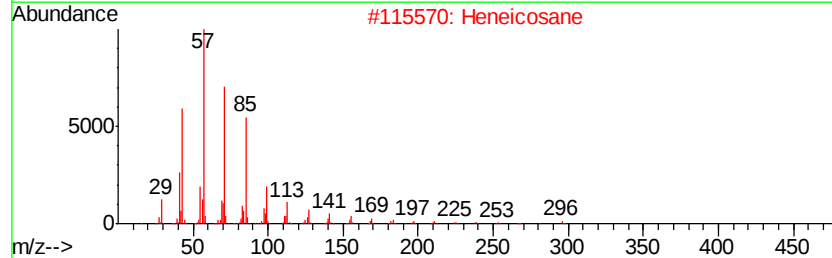
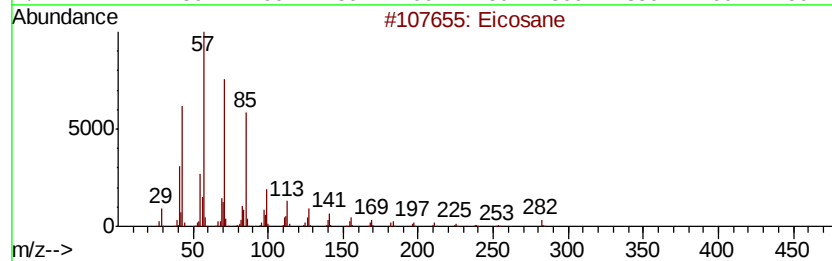
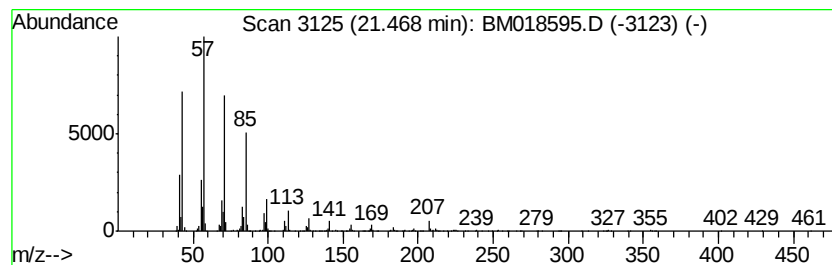
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	3.95 ng	1057270	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018595.D
Acq On : 16 Jan 2019 22:14
Operator : JU/SJ
Sample : K1147-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7

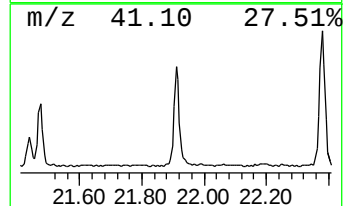
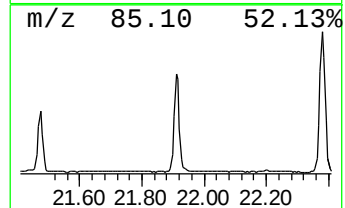
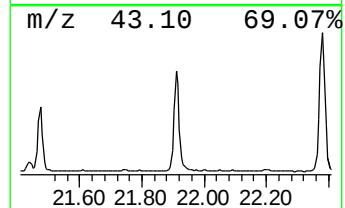
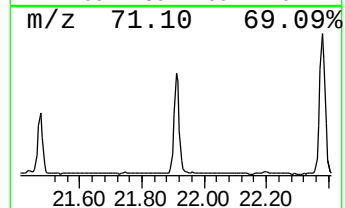
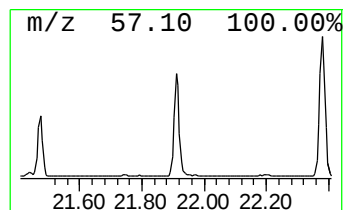
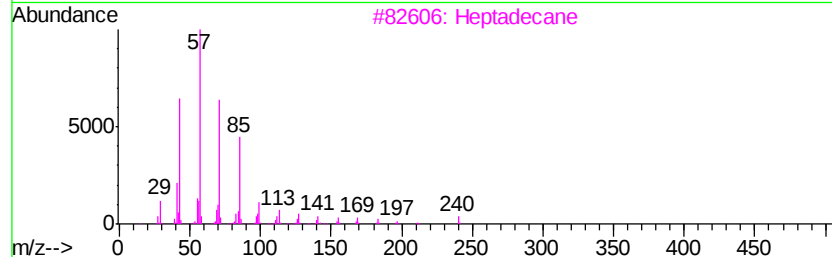
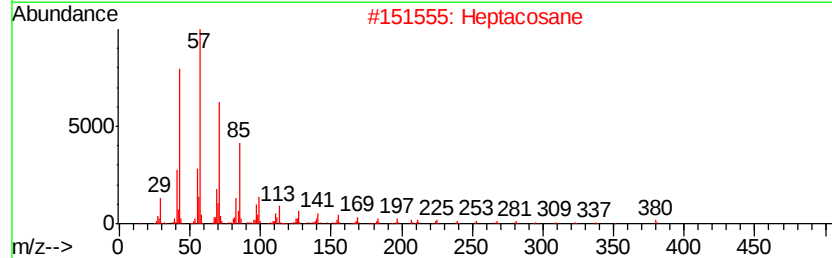
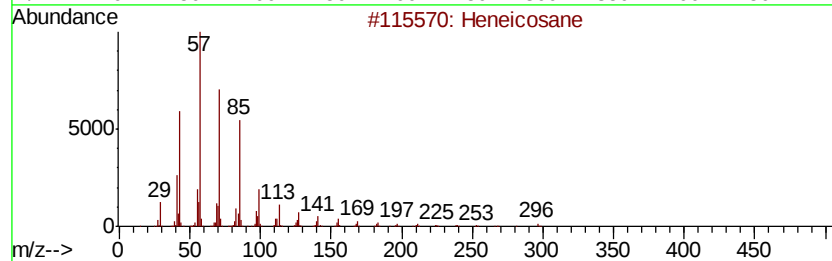
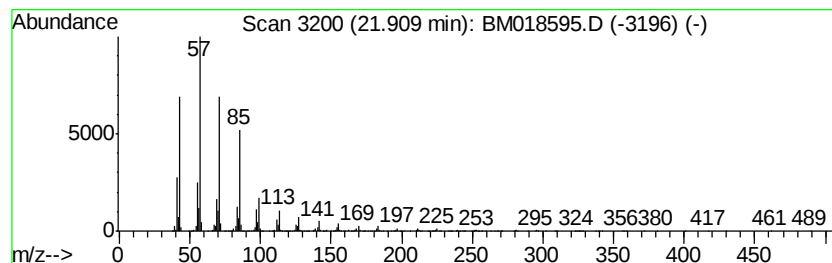
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.91	7.52 ng	2011570	Chrysene-d12	21.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptacosane		380	C27H56	000593-49-7	91
3	Heptadecane		240	C17H36	000629-78-7	91
4	Eicosane		282	C20H42	000112-95-8	91
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018595.D
Acq On : 16 Jan 2019 22:14
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Sample : K1147-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7

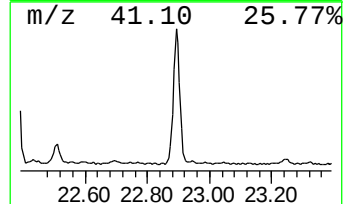
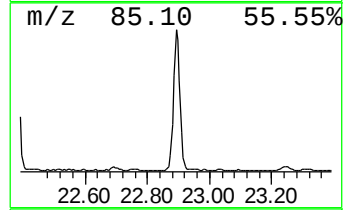
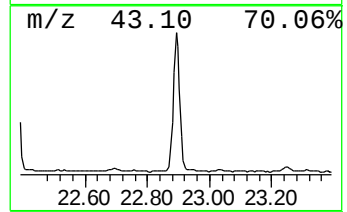
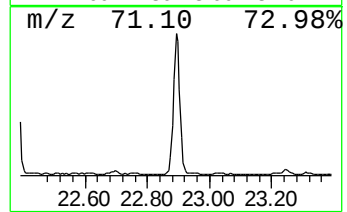
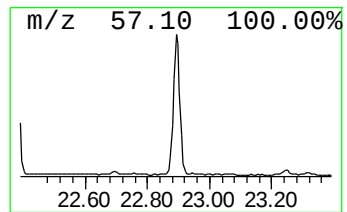
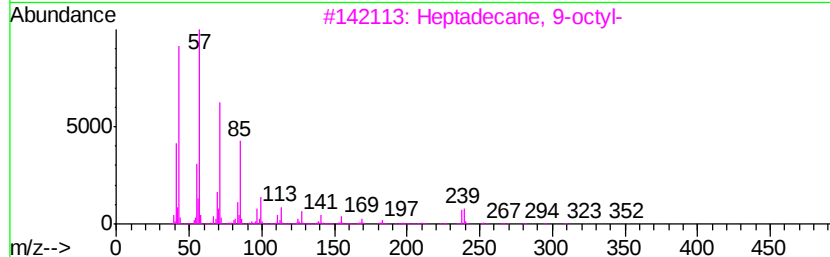
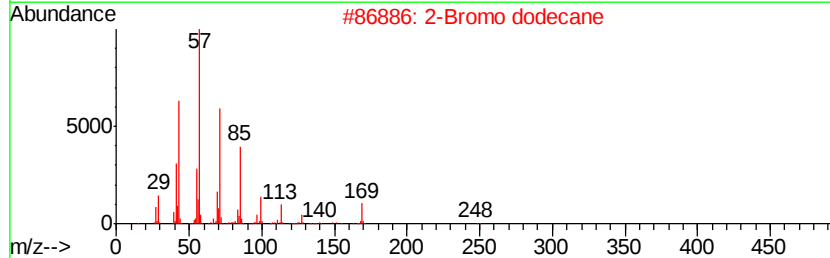
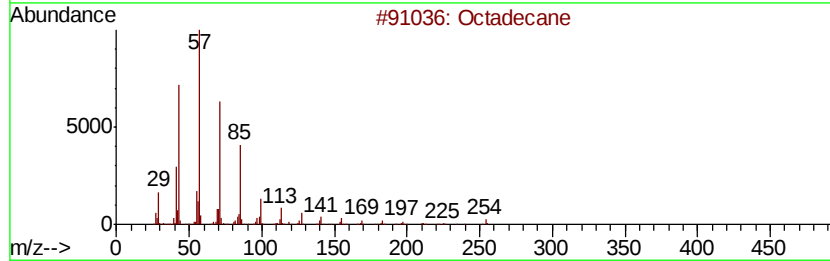
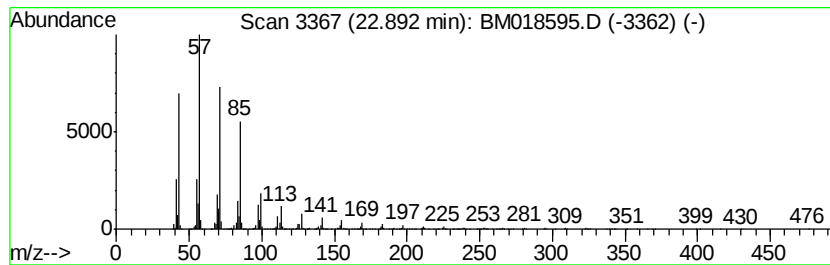
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.89	15.93 ng	3223930	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
 Data File : BM018595.D
 Acq On : 16 Jan 2019 22:14
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Instrument :
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 ClientSampleId :
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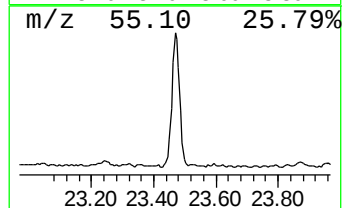
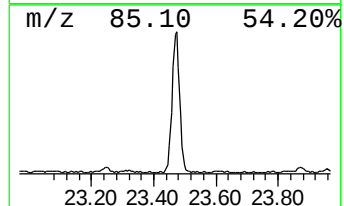
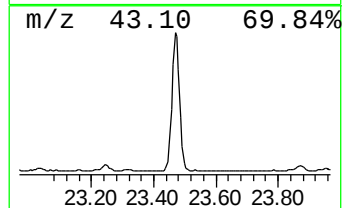
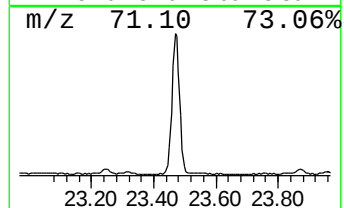
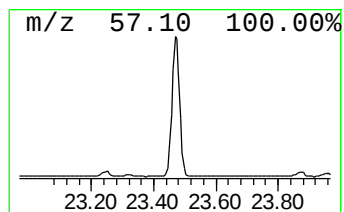
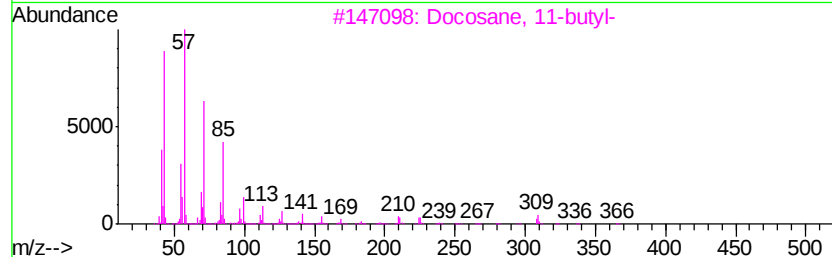
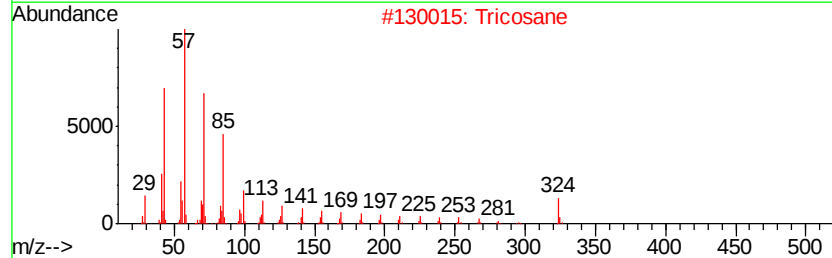
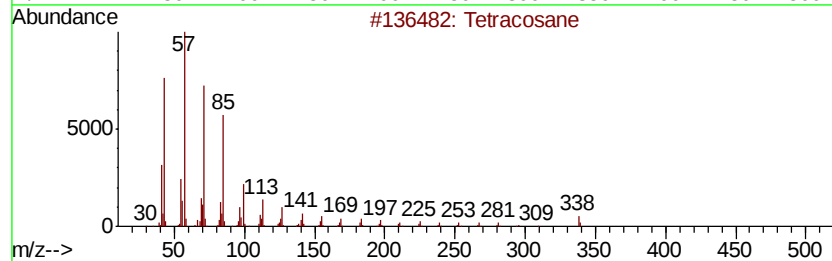
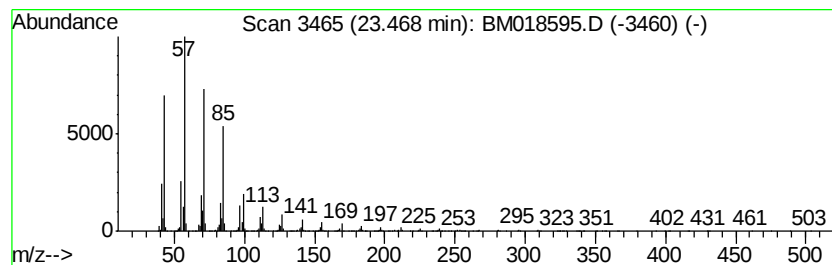
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 11 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.47	16.01 ng	3241600	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	96
2		Tricosane	324	C23H48	000638-67-5	95
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4		Heptadecane	240	C17H36	000629-78-7	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018595.D
Acq On : 16 Jan 2019 22:14
Operator : JU/SJ
Sample : K1147-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-7

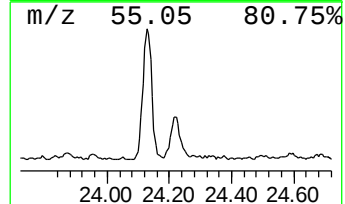
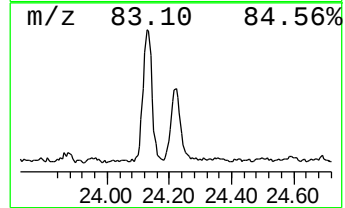
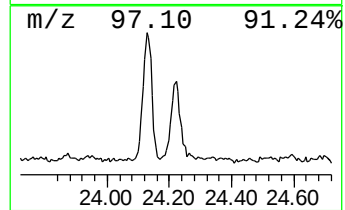
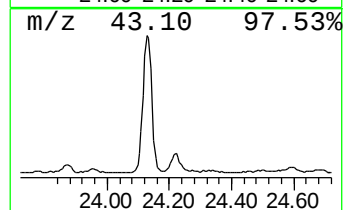
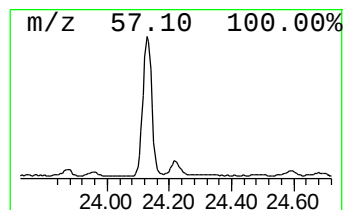
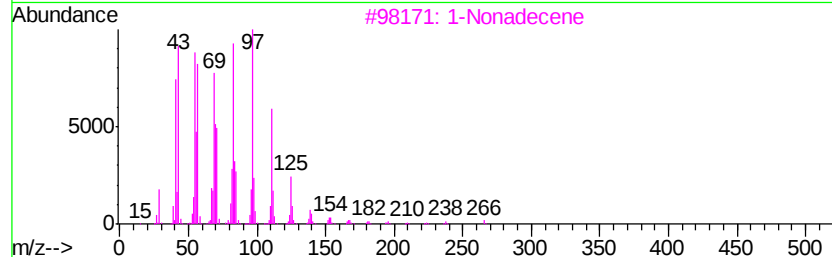
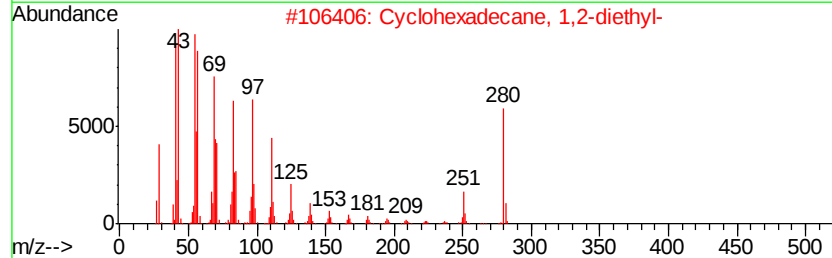
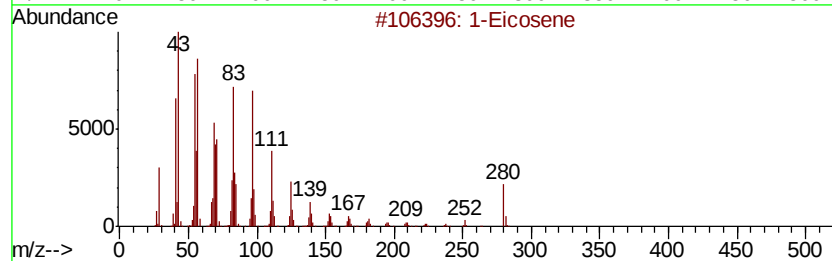
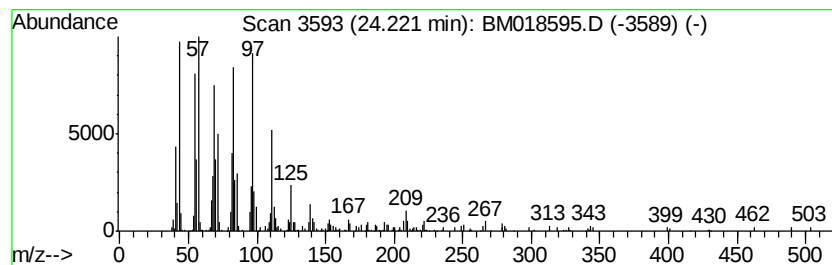
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1-Eicosene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	2.55 ng	515909	Perylene-d12	23.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Eicosene	280	C20H40	003452-07-1	97
2			Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	96
3			1-Nonadecene	266	C19H38	018435-45-5	91
4			1-Heptadecanol	256	C17H36O	001454-85-9	91
5			1-Docosanethiol	342	C22H46S	007773-83-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018595.D
Acq On : 16 Jan 2019 22:14
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Sample : K1147-19
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-7

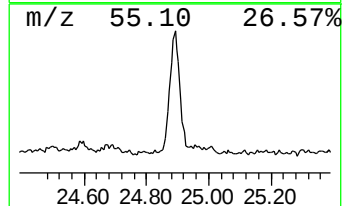
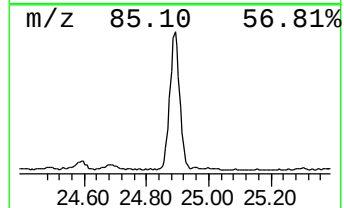
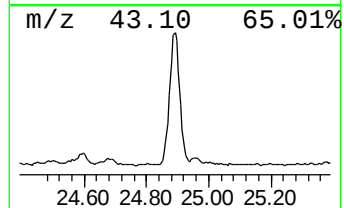
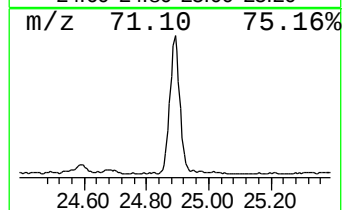
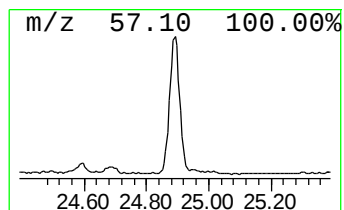
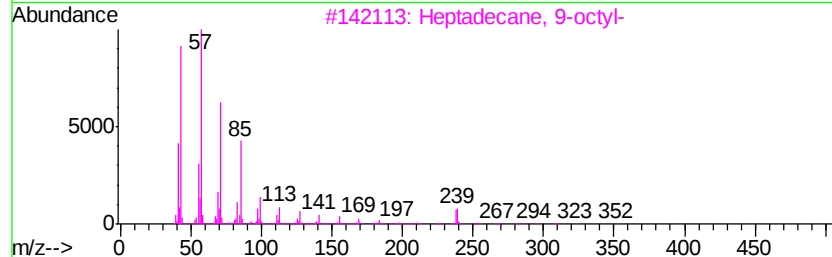
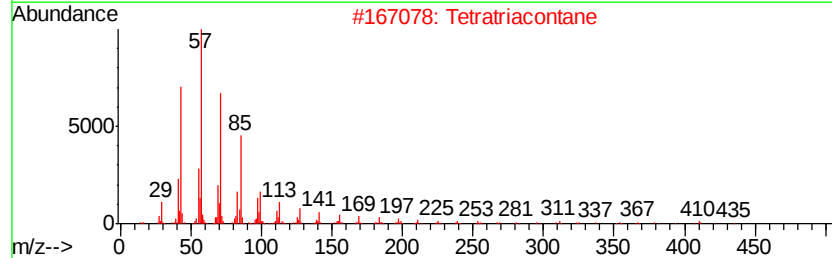
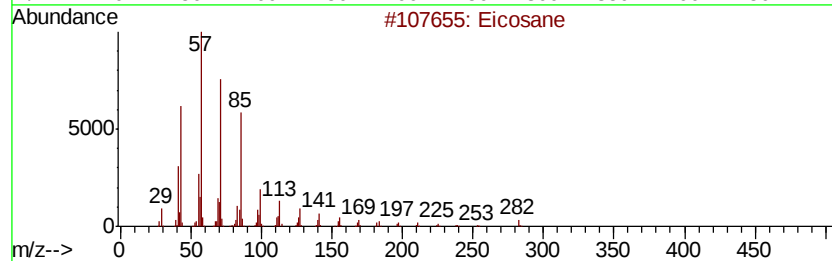
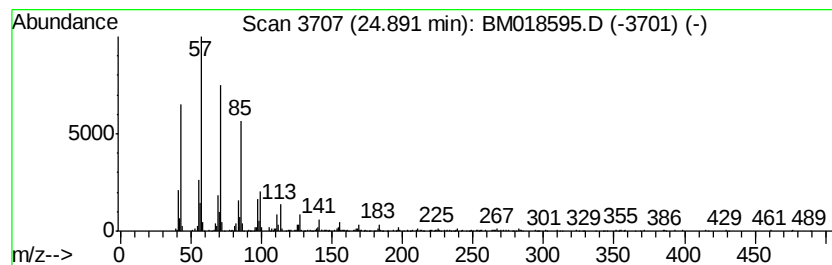
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tetratriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	6.94 ng	1404960	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5		Hexacosane, 9-octyl-	479	C34H70	055429-83-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011619\
 Data File : BM018595.D
 Acq On : 16 Jan 2019 22:14
 Operator : JU/SJ
 Sample : K1147-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown7.28	7.28	111.8	ng	11602200	1	7.75	2074580	20.0
n-Hexadecanoic acid	18.04	15.1	ng	3741770	4	17.14	4954560	20.0
Octadecanoic acid	19.32	6.4	ng	1720810	5	21.34	5346750	20.0
5-Eicosene, (E)-	21.03	8.6	ng	2291040	5	21.34	5346750	20.0
Eicosane	21.47	4.0	ng	1057270	5	21.34	5346750	20.0
Heneicosane	21.91	7.5	ng	2011570	5	21.34	5346750	20.0
Octadecane	22.89	15.9	ng	3223930	6	23.62	4048460	20.0
Tetracosane	23.47	16.0	ng	3241600	6	23.62	4048460	20.0
1-Eicosene	24.22	2.5	ng	515909	6	23.62	4048460	20.0
Tetratriacontane	24.89	6.9	ng	1404960	6	23.62	4048460	20.0