

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
 Data File : BM019224.D
 Acq On : 18 Mar 2019 20:17
 Operator : JU/SJ
 Sample : K1947-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219

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-BM031119.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	5.251	378	385	405	rBV	4146158	6181988	46.65%	7.077%
2	6.834	646	654	682	rBV	4627437	7460608	56.30%	8.540%
3	7.187	706	714	732	rBV	4608518	7350093	55.46%	8.414%
4	7.645	785	792	801	rBV	761696	1169083	8.82%	1.338%
5	7.963	837	846	855	rBV	3168608	4879187	36.82%	5.585%
6	8.816	984	991	1010	rBV	2519156	4340170	32.75%	4.968%
7	10.433	1258	1266	1277	rBV	1025232	1774666	13.39%	2.031%
8	12.916	1681	1688	1703	rBV	6942858	10013729	75.56%	11.463%
9	13.768	1827	1833	1847	rBV	842916	1254353	9.47%	1.436%
10	14.304	1913	1924	1940	rBV2	1728826	2755597	20.79%	3.154%
11	15.804	2172	2179	2198	rBV	6476545	9126112	68.86%	10.447%
12	17.056	2386	2392	2409	rBV2	2094581	3072924	23.19%	3.518%
13	17.951	2538	2544	2555	rBV	624274	983654	7.42%	1.126%
14	19.233	2758	2762	2773	rBV	201145	363612	2.74%	0.416%
15	19.697	2835	2841	2855	rBV	11183529	13252432	100.00%	15.170%
16	20.956	3051	3055	3067	rBV	1066685	1516178	11.44%	1.736%
17	21.256	3101	3106	3117	rBV	2133661	2729654	20.60%	3.125%
18	21.391	3125	3129	3137	rBV	406288	448529	3.38%	0.513%
19	21.821	3198	3202	3205	rBV	666118	776083	5.86%	0.888%
20	22.280	3275	3280	3285	rBV	940467	1191871	8.99%	1.364%
21	22.780	3360	3365	3371	rBV	1004706	1384365	10.45%	1.585%
22	23.338	3455	3460	3469	rVB	891108	1376169	10.38%	1.575%
23	23.491	3479	3486	3497	rBV	1194238	2352281	17.75%	2.693%
24	23.974	3563	3568	3576	rVB	577742	1081806	8.16%	1.238%
25	24.715	3690	3694	3702	rVB	271351	524032	3.95%	0.600%

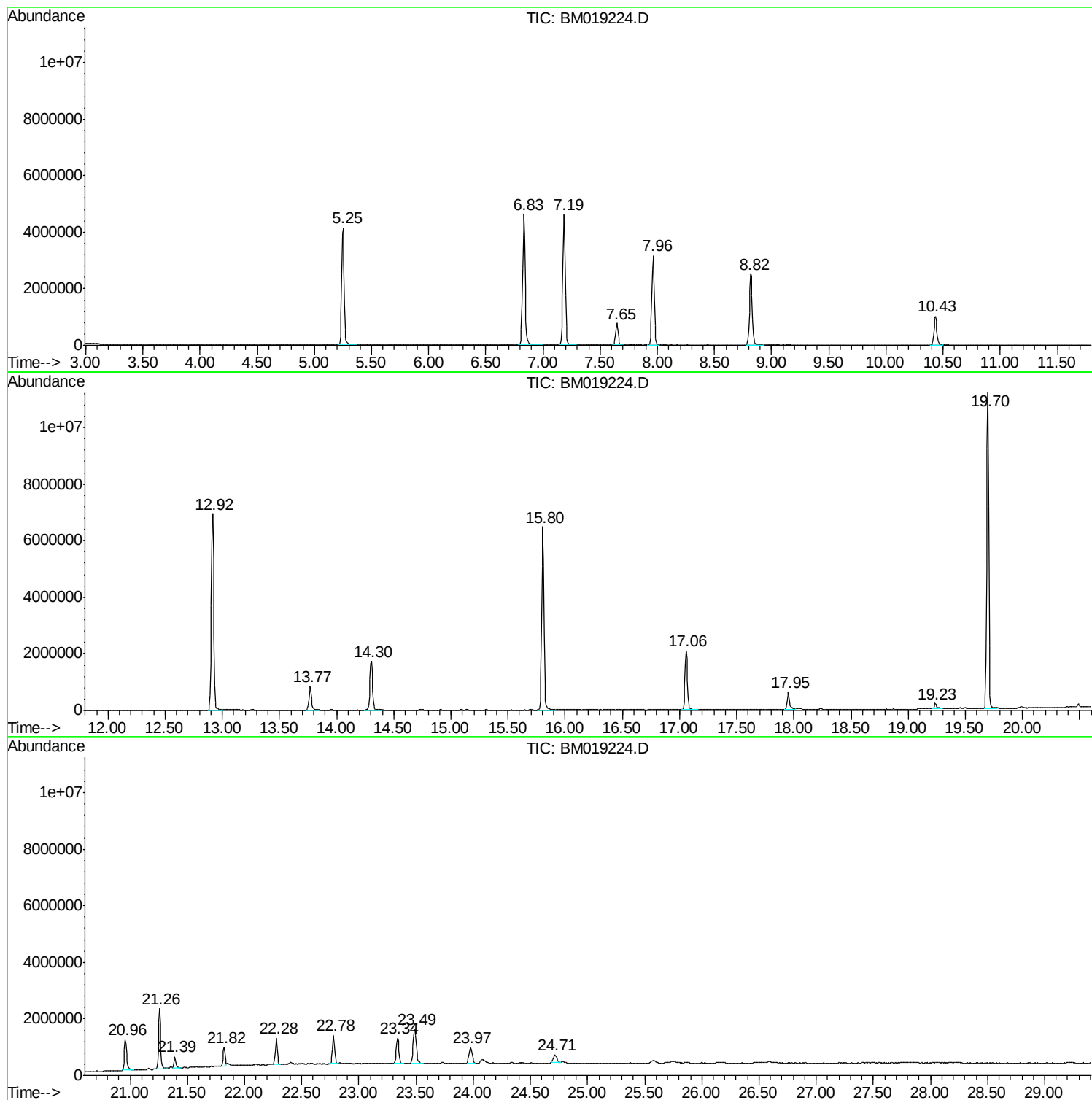
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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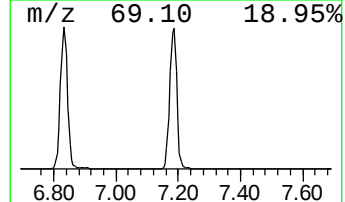
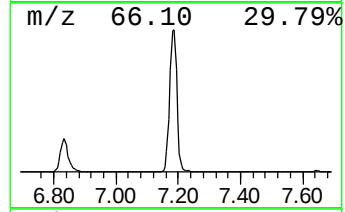
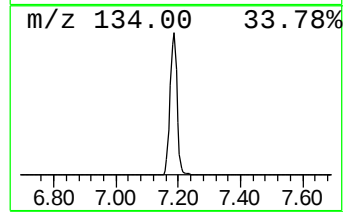
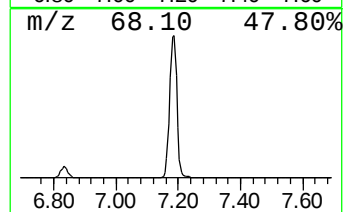
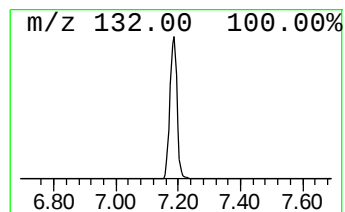
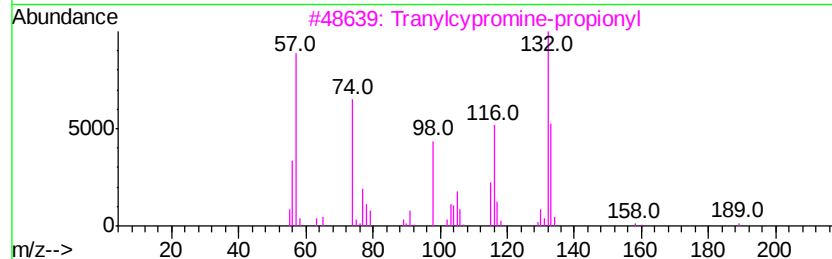
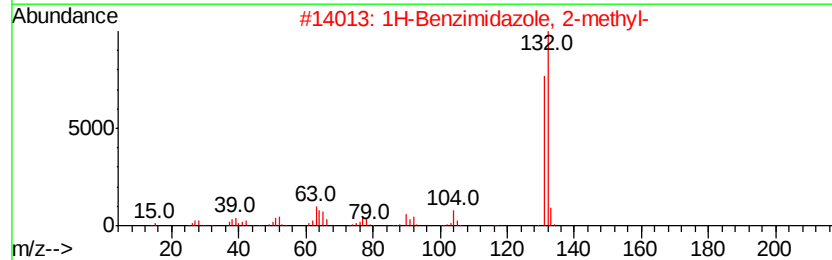
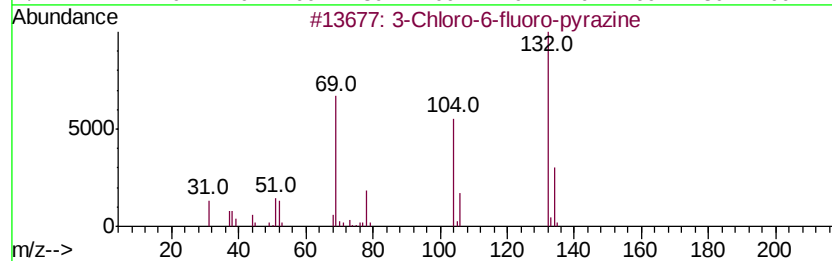
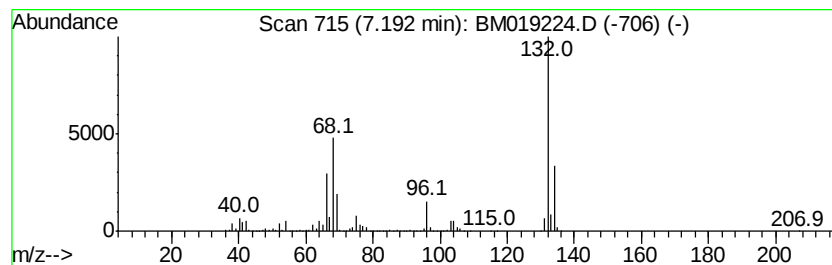
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	125.74 ng	7350090	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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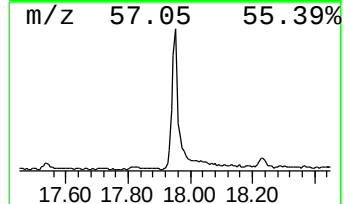
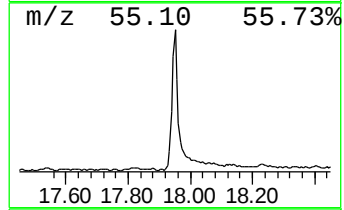
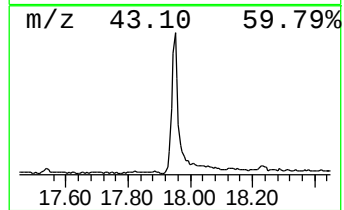
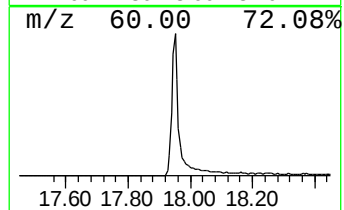
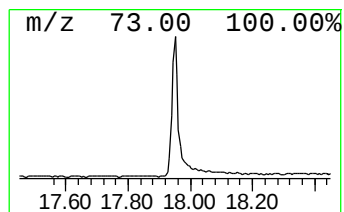
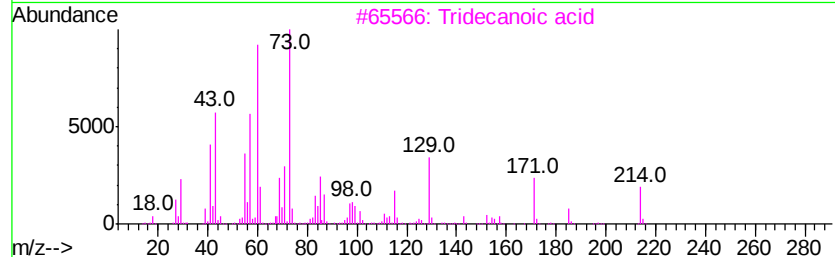
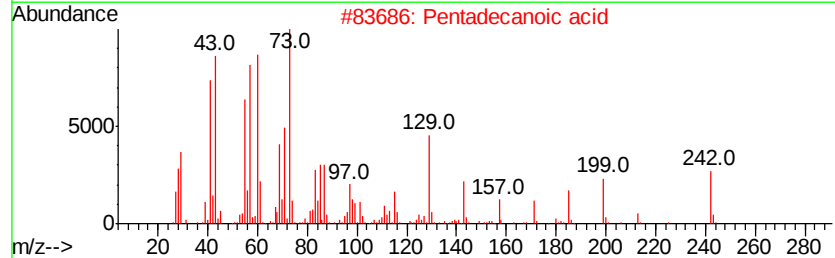
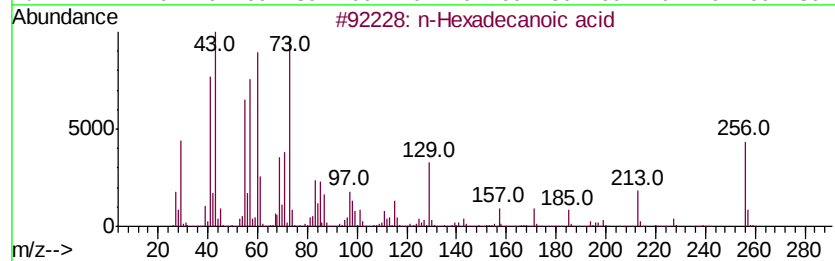
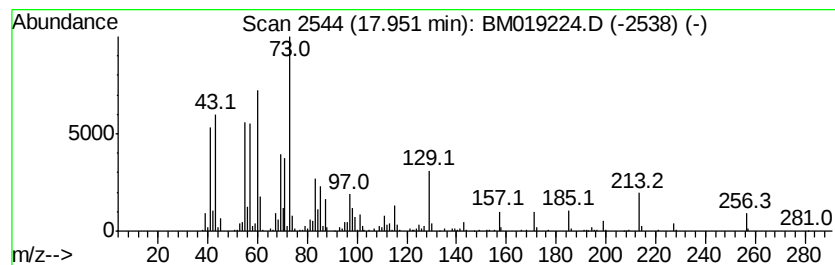
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.95	6.40 ng	983654	Phenanthrene-d10	17.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	40



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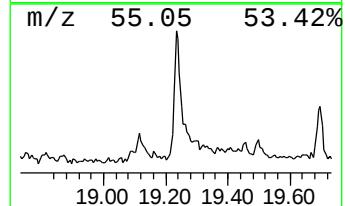
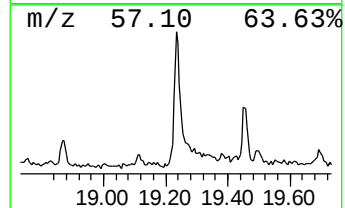
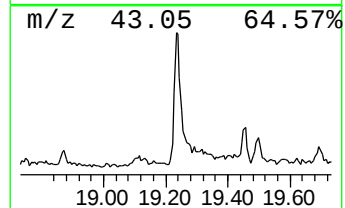
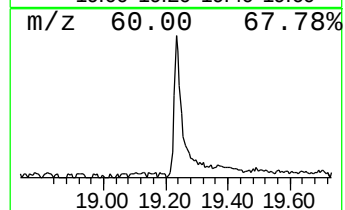
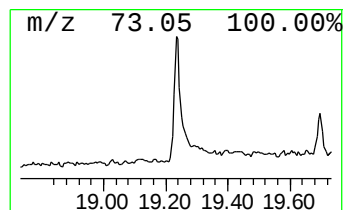
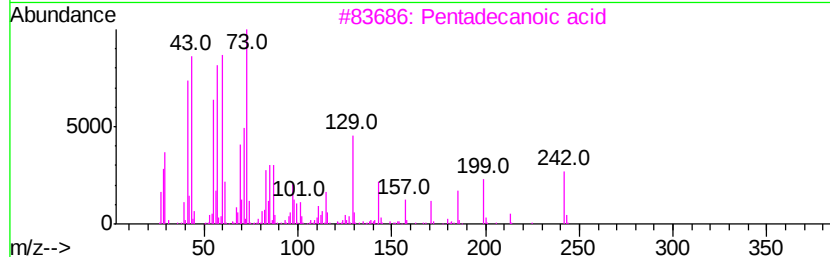
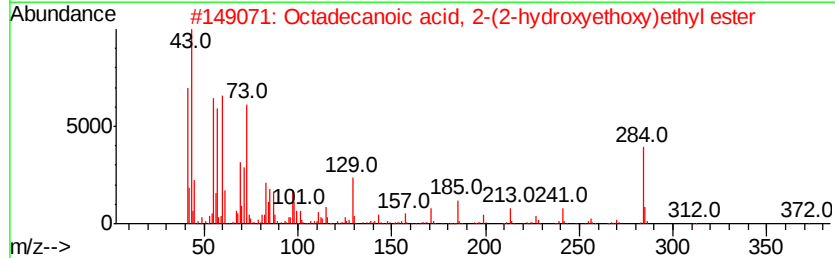
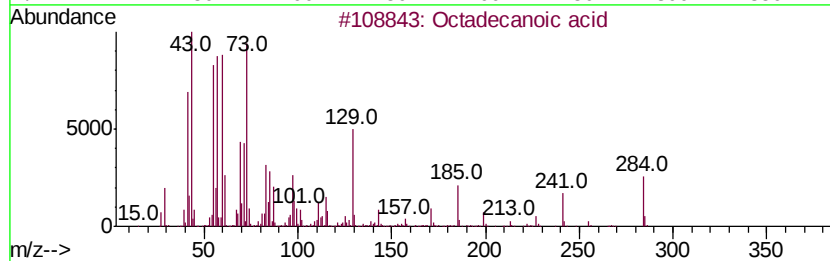
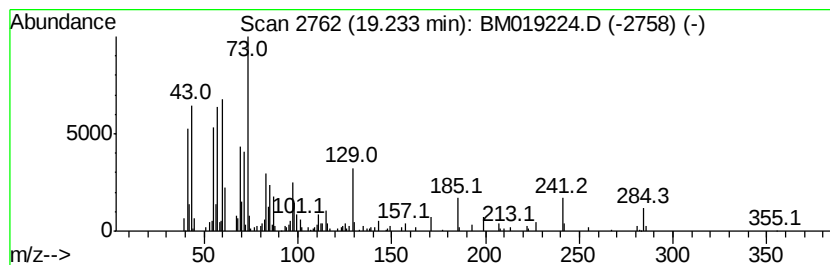
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Peak Number 4 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.66 ng	363612	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5		Eicosane	282	C20H42	000112-95-8	35



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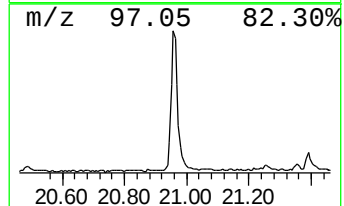
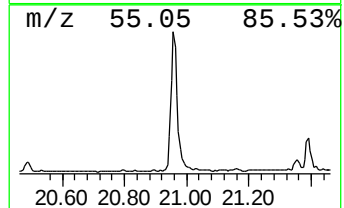
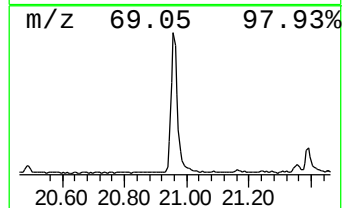
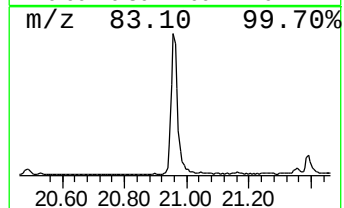
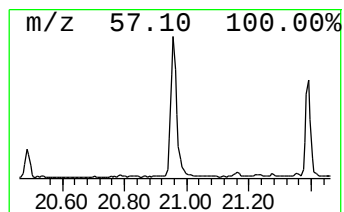
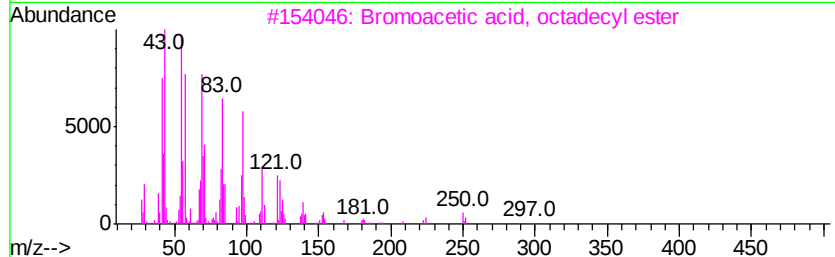
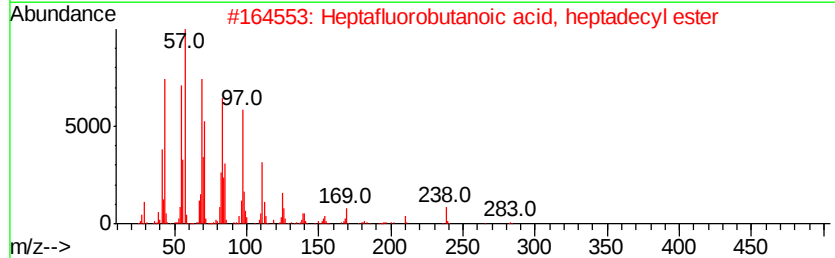
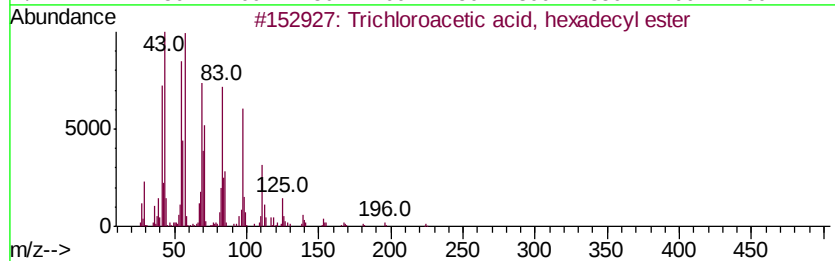
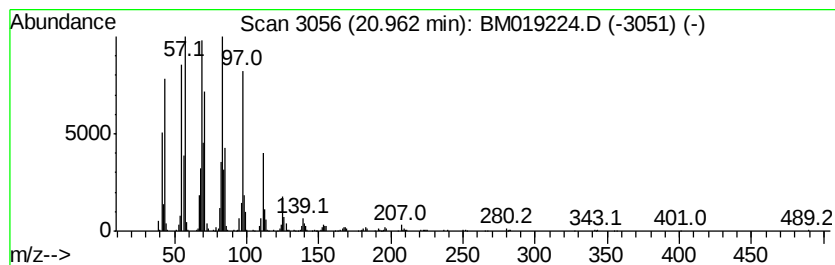
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Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	11.11 ng	1516180	Chrysene-d12	21.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87



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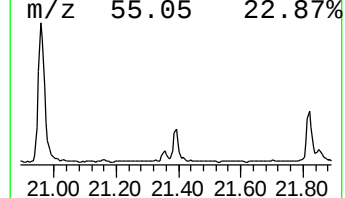
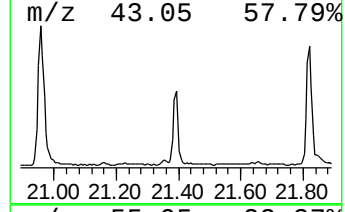
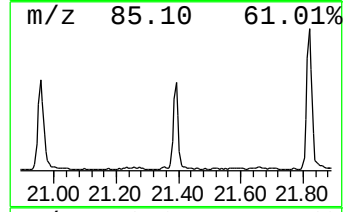
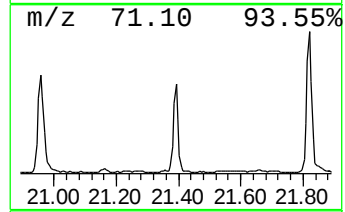
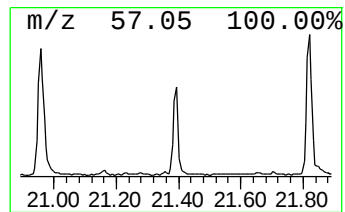
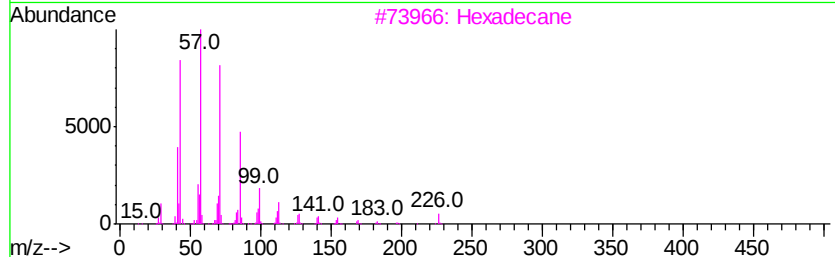
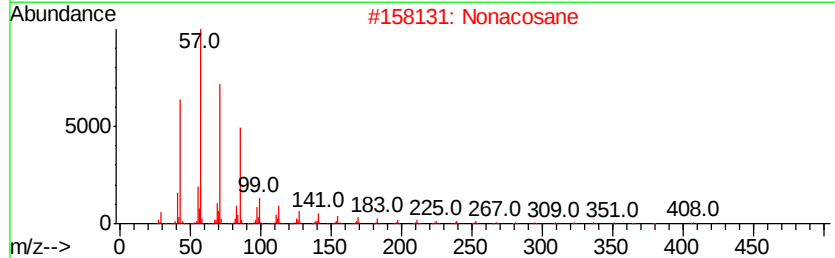
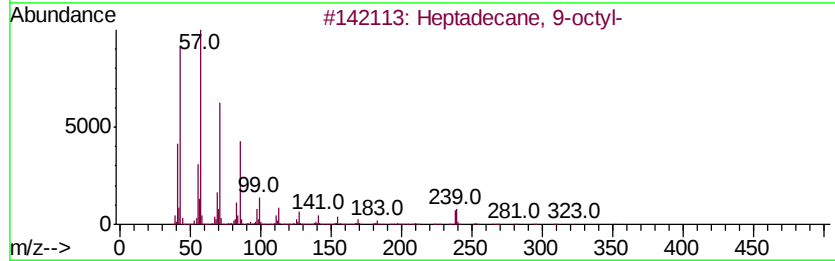
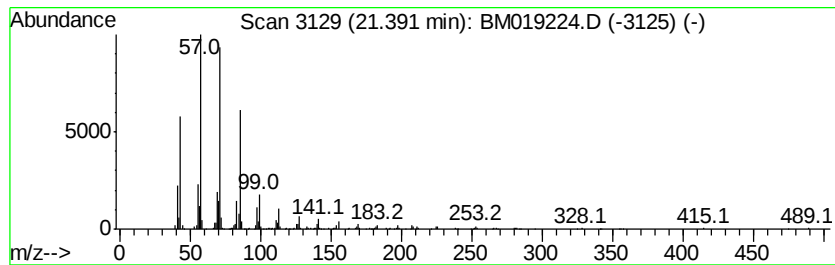
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.39	3.29 ng	448529	Chrysene-d12	21.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Nonacosane	408	C29H60	000630-03-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Octadecane	254	C18H38	000593-45-3	83
5	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	80



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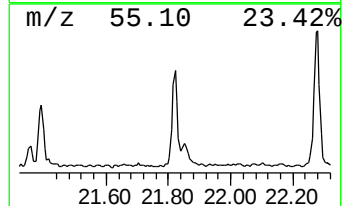
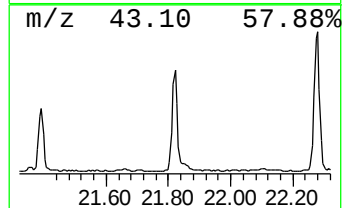
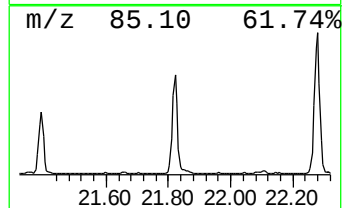
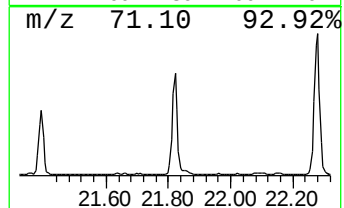
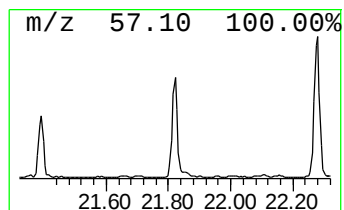
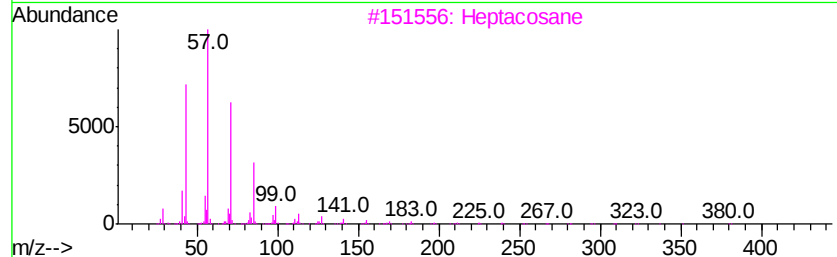
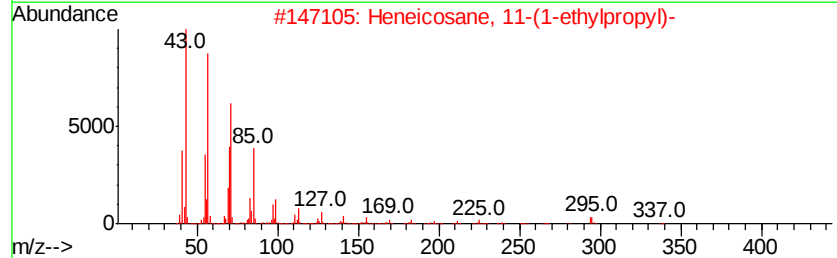
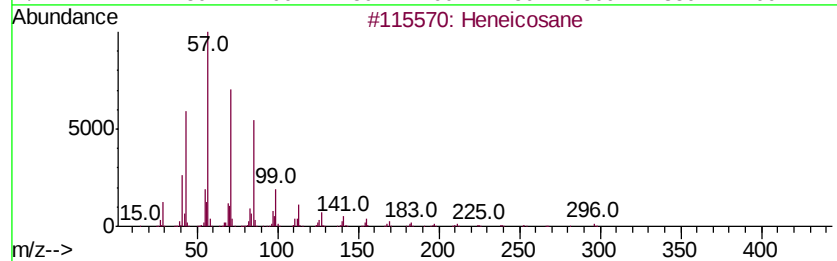
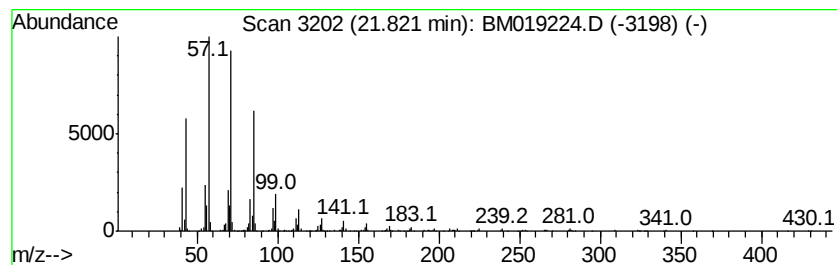
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	5.69 ng	776083	Chrysene-d12	21.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	87
3	Heptacosane		380	C27H56	000593-49-7	87
4	Octacosane		394	C28H58	000630-02-4	83
5	Octadecane		254	C18H38	000593-45-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019224.D
Acq On : 18 Mar 2019 20:17
Operator : JU/SJ
Sample : K1947-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

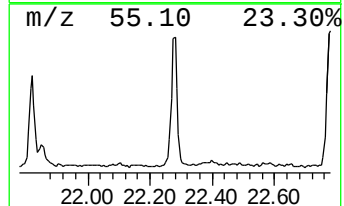
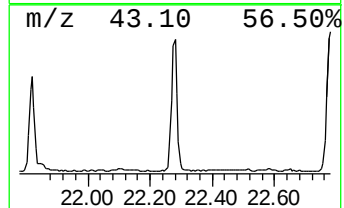
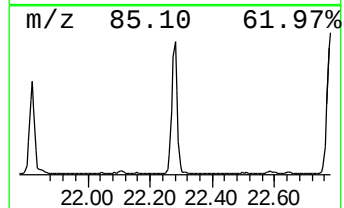
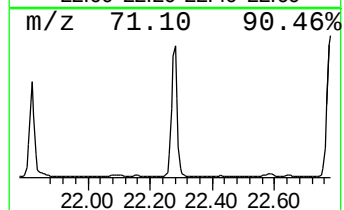
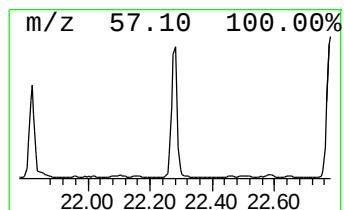
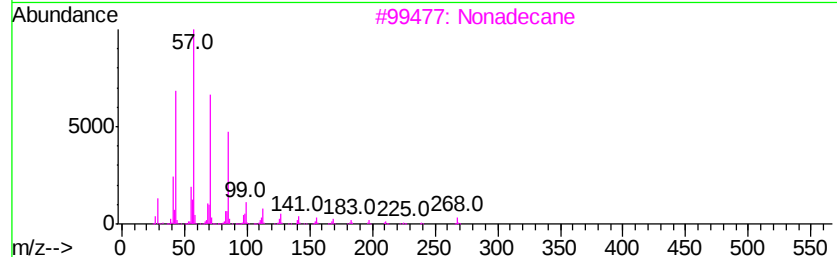
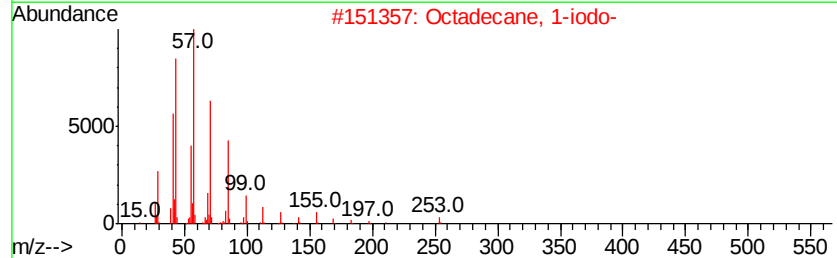
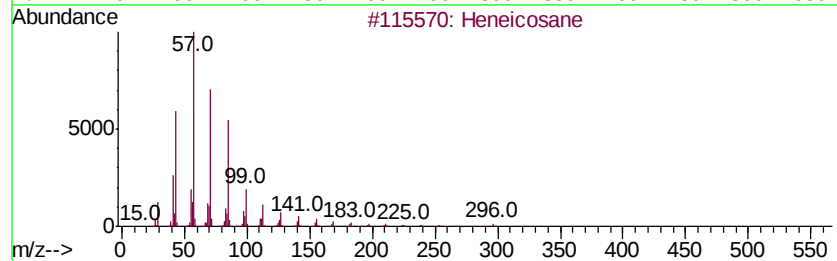
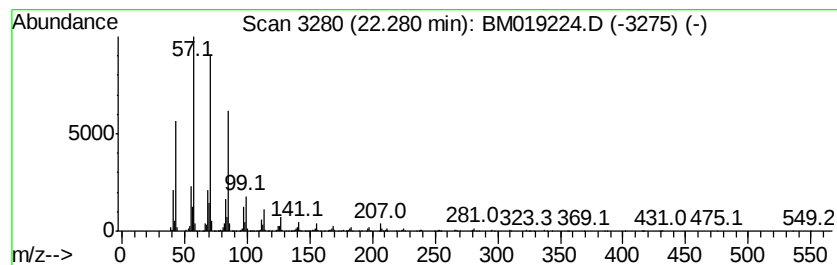
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ClientSampleId :
PST-028-B100-031219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	8.73 ng	1191870	Chrysene-d12	21.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane		296 C21H44	000629-94-7 90
2	Octadecane, 1-iodo-		380 C18H37I	000629-93-6 86
3	Nonadecane		268 C19H40	000629-92-5 86
4	Octadecane		254 C18H38	000593-45-3 83
5	Heptacosane		380 C27H56	000593-49-7 81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
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Sample : K1947-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

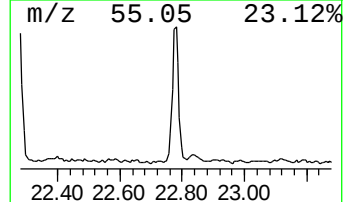
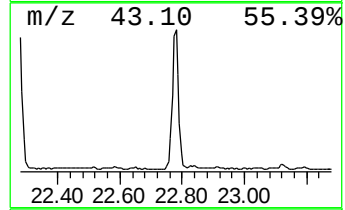
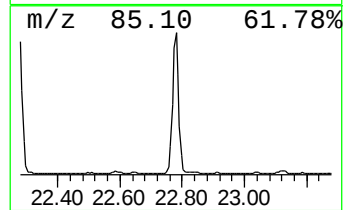
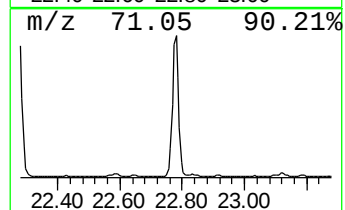
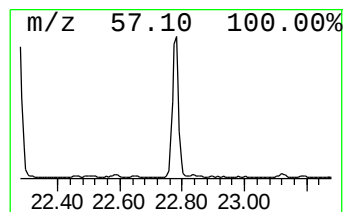
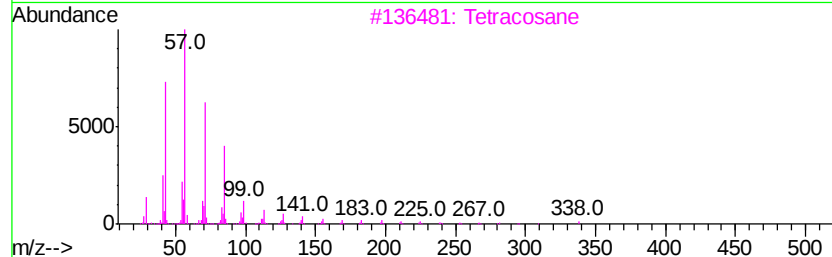
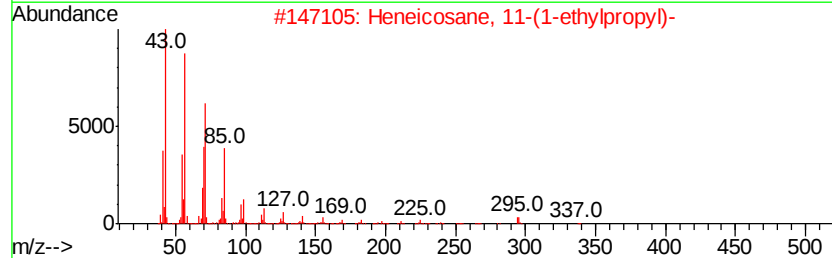
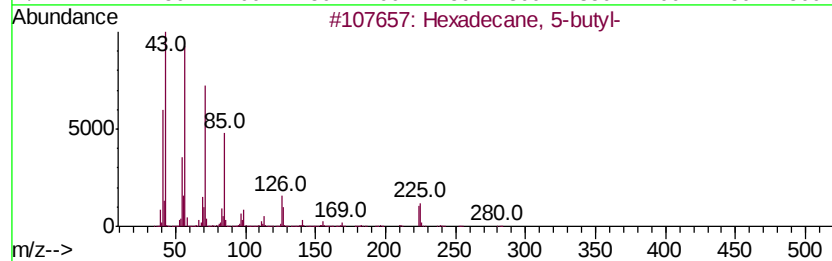
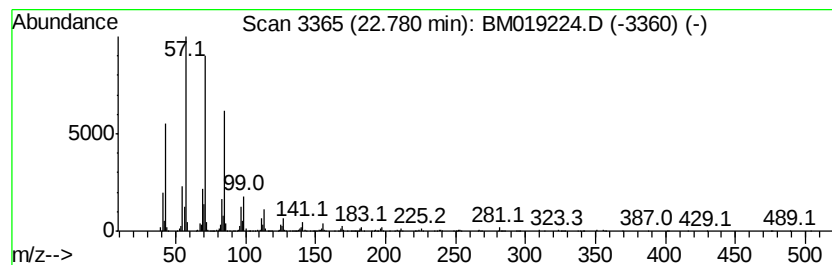
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecane, 5-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.78	11.77 ng	1384370	Perylene-d12	23.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019224.D
Acq On : 18 Mar 2019 20:17
Operator : JU/SJ
Sample : K1947-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PST-028-B100-031219

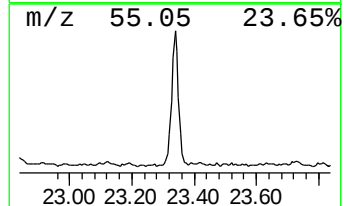
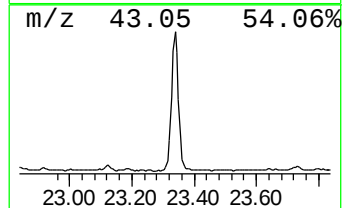
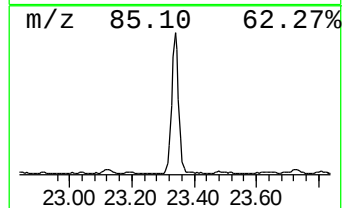
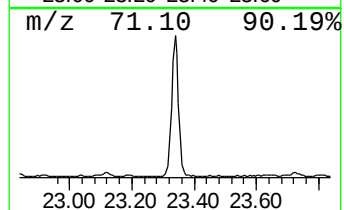
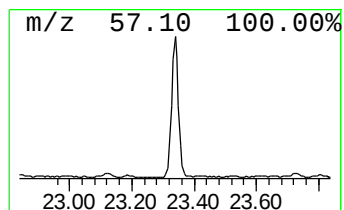
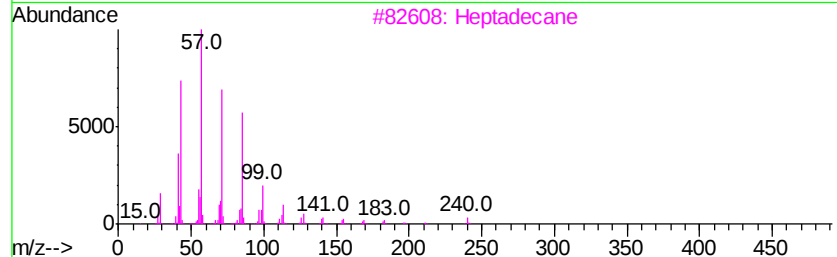
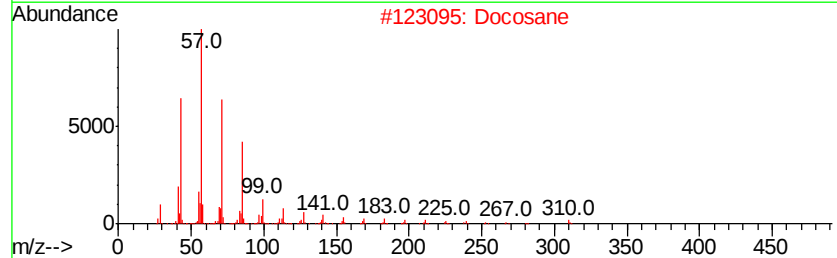
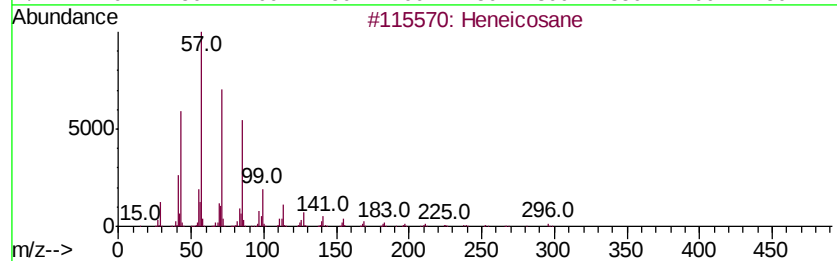
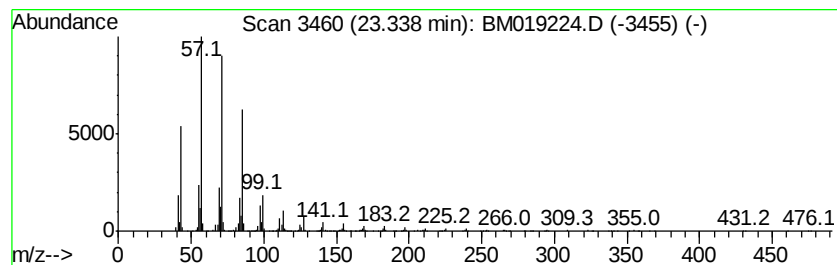
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Docosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	11.70 ng	1376170	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Docosane	310	C22H46	000629-97-0	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019224.D
Acq On : 18 Mar 2019 20:17
Operator : JU/SJ
Sample : K1947-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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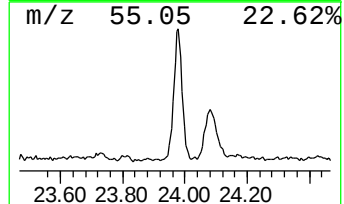
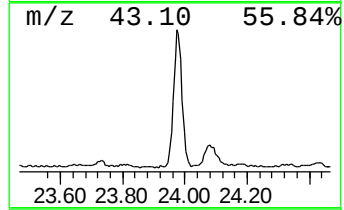
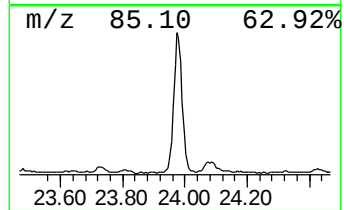
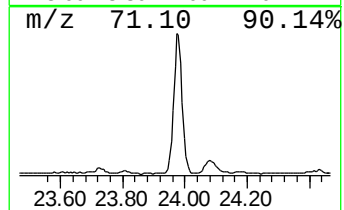
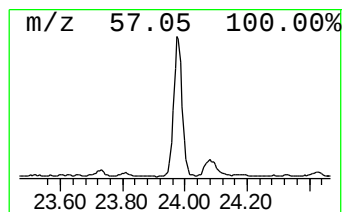
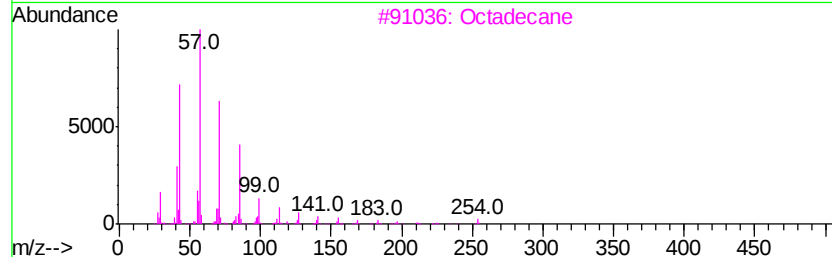
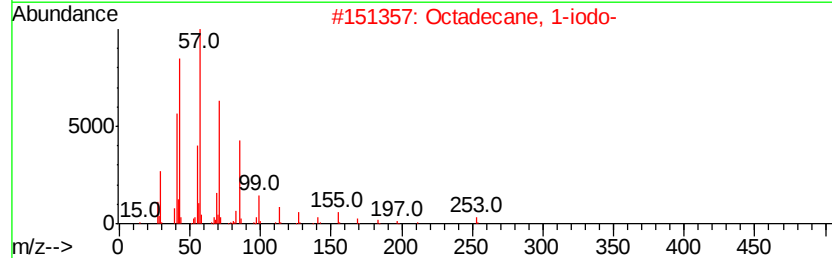
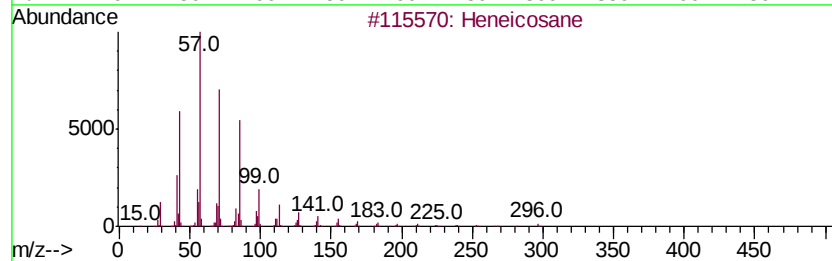
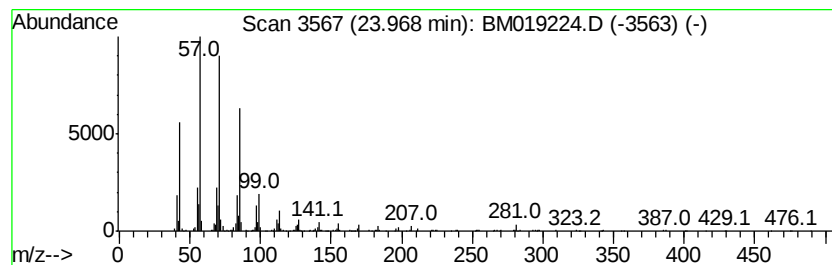
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	9.20 ng	1081810	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
3		Octadecane	254	C18H38	000593-45-3	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Octacosane	394	C28H58	000630-02-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
Data File : BM019224.D
Acq On : 18 Mar 2019 20:17
Operator : JU/SJ
Sample : K1947-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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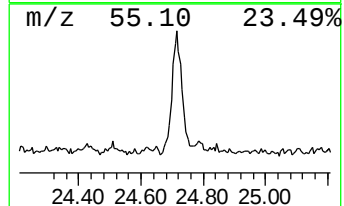
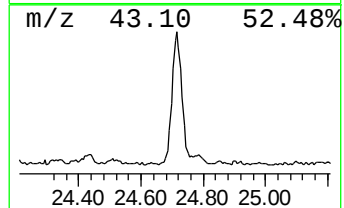
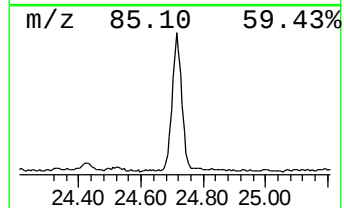
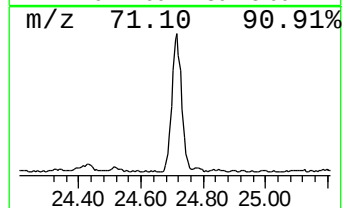
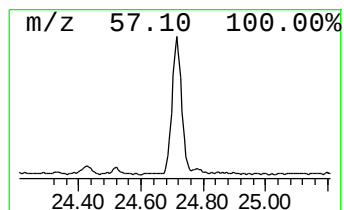
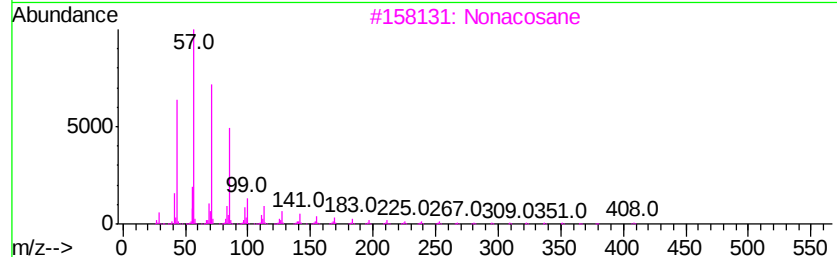
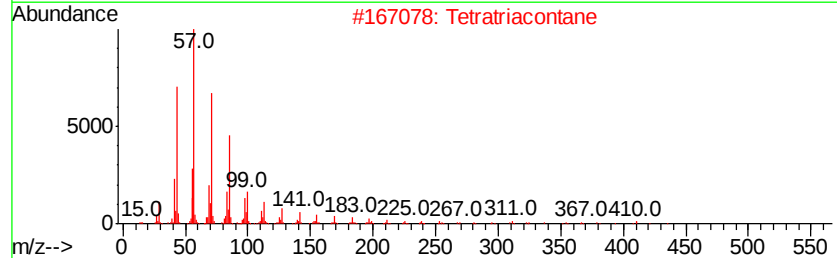
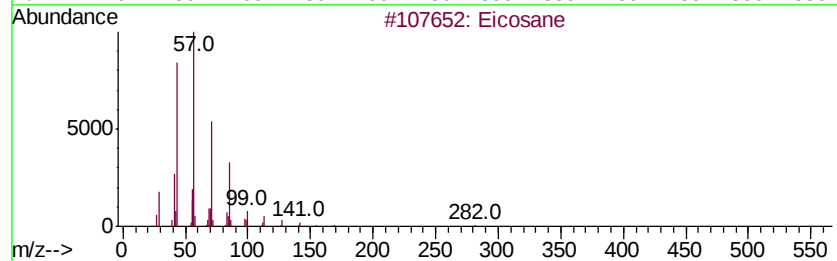
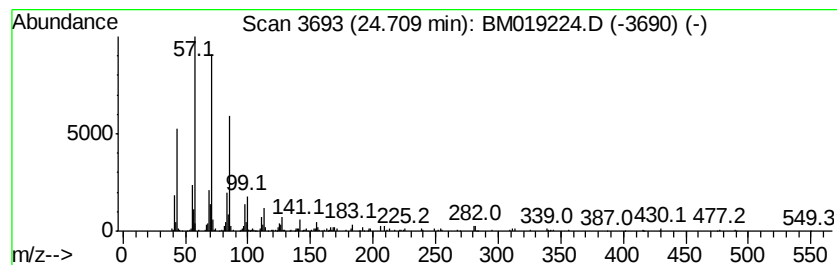
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.71	4.46 ng	524032	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Tetratriacontane	479	C34H70	014167-59-0	87
3		Nonacosane	408	C29H60	000630-03-5	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031819\
Data File : BM019224.D
Acq On : 18 Mar 2019 20:17
Operator : JU/SJ
Sample : K1947-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PST-028-B100-031219

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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					#	RT	Resp	Conc
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Octadecanoic acid	19.23	2.7	ng	363612	5	21.26	2729650	20.0
Trichloroacetic a...	20.96	11.1	ng	1516180	5	21.26	2729650	20.0
Heptadecane, 9-oc...	21.39	3.3	ng	448529	5	21.26	2729650	20.0
Heneicosane	21.82	5.7	ng	776083	5	21.26	2729650	20.0
Octadecane, 1-iodo-	22.28	8.7	ng	1191870	5	21.26	2729650	20.0
Hexadecane, 5-butyl-	22.78	11.8	ng	1384370	6	23.49	2352280	20.0
Docosane	23.34	11.7	ng	1376170	6	23.49	2352280	20.0
Octadecane	23.97	9.2	ng	1081810	6	23.49	2352280	20.0
Eicosane	24.71	4.5	ng	524032	6	23.49	2352280	20.0