

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112619\
 Data File : BF118013.D
 Acq On : 26 Nov 2019 18:00
 Operator : JU
 Sample : K5959-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WS-112019-COMP-BD

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_F\METHODS\8270-BF111319.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	2.187	11	17	26	rVB	605805	774585	23.74%	2.606%
2	5.110	506	514	524	rBV	448492	600602	18.41%	2.021%
3	5.516	578	583	586	rBV	3079547	2893740	88.69%	9.736%
4	6.522	749	754	767	rBV	2768942	3214589	98.52%	10.815%
5	6.663	774	778	782	rBV	3335098	3253266	99.71%	10.945%
6	6.892	814	817	821	rBV	949044	772510	23.68%	2.599%
7	7.051	840	844	847	rBV	2656111	2269536	69.56%	7.635%
8	7.457	908	913	916	rBV	2045385	1929834	59.15%	6.493%
9	8.181	1032	1036	1040	rBV	1187919	928055	28.44%	3.122%
10	9.263	1215	1220	1223	rBV	3985839	3262876	100.00%	10.977%
11	9.651	1283	1286	1290	rBV	504763	390051	11.95%	1.312%
12	9.945	1332	1336	1340	rBV	1109726	871048	26.70%	2.930%
13	10.739	1467	1471	1474	rBV	2161886	1883429	57.72%	6.336%
14	11.439	1586	1590	1593	rBV	1073138	916923	28.10%	3.085%
15	11.957	1675	1678	1688	rBV	218371	212884	6.52%	0.716%
16	12.745	1810	1812	1816	rBV	53945	58424	1.79%	0.197%
17	13.033	1856	1861	1864	rBV	2985475	2885135	88.42%	9.707%
18	13.504	1936	1941	1945	rBV	74811	83112	2.55%	0.280%
19	13.933	2010	2014	2022	rBV	125993	239693	7.35%	0.806%
20	14.086	2036	2040	2044	rBV	775795	780962	23.93%	2.627%
21	14.551	2116	2119	2122	rBV	120146	123228	3.78%	0.415%
22	14.862	2170	2172	2177	rVB	115969	120177	3.68%	0.404%
23	15.221	2229	2233	2239	rBV	167511	223872	6.86%	0.753%
24	15.592	2292	2296	2306	rBV2	483424	837290	25.66%	2.817%
25	16.074	2374	2378	2383	rVB2	86657	152938	4.69%	0.515%
26	17.515	2620	2623	2625	rBV4	35265	44813	1.37%	0.151%

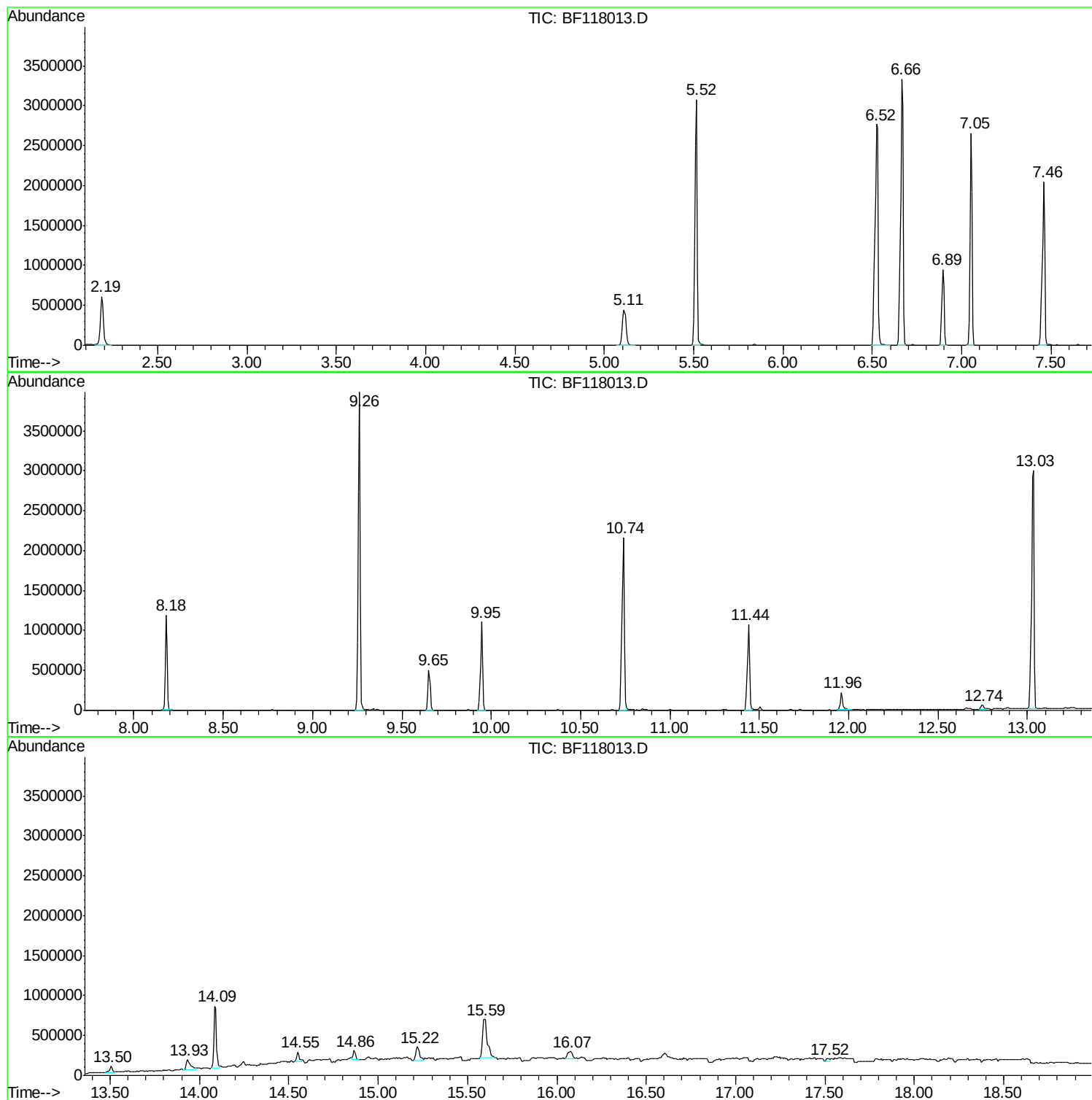
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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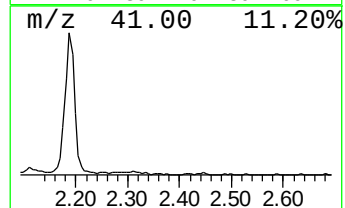
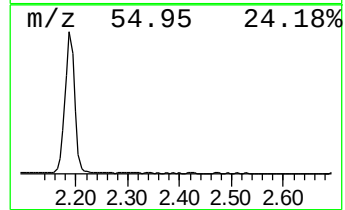
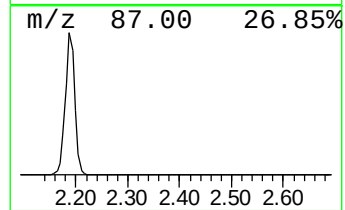
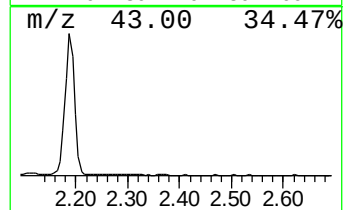
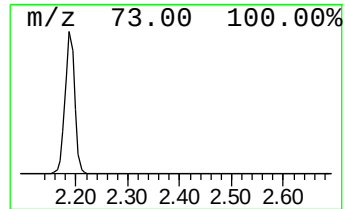
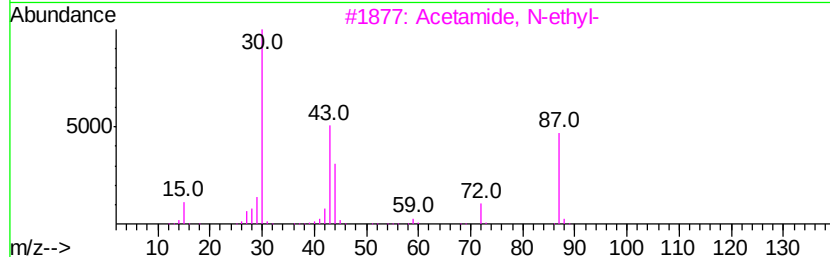
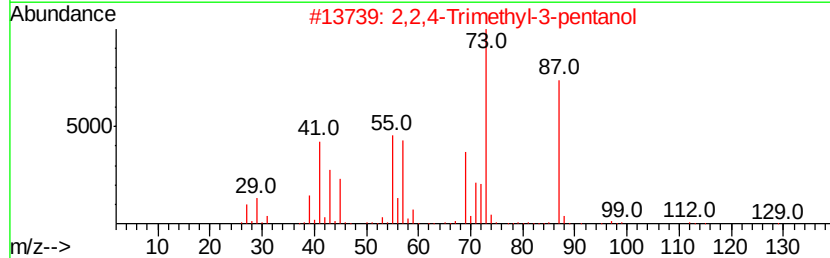
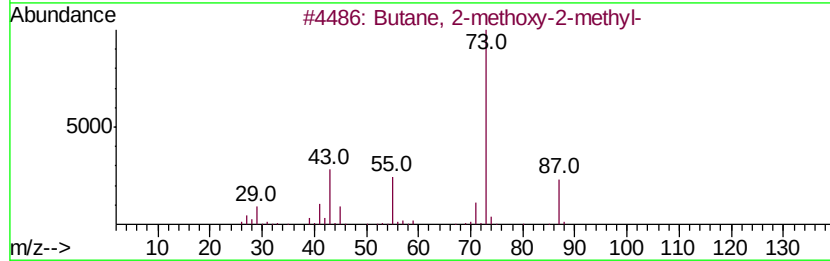
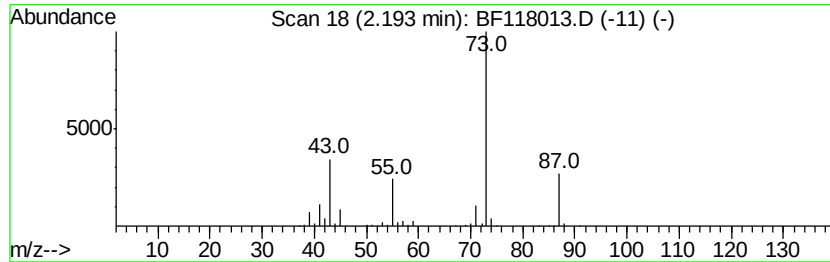
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	20.05 ng	774585	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23



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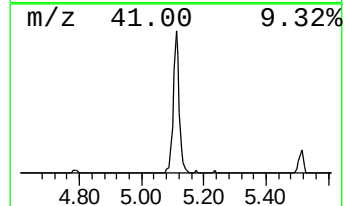
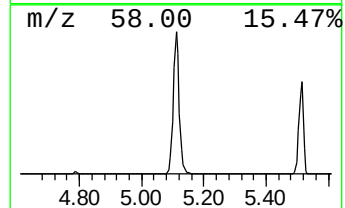
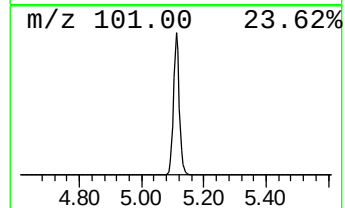
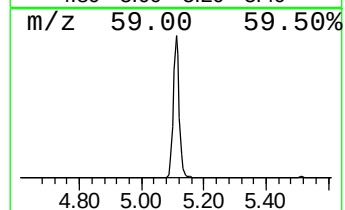
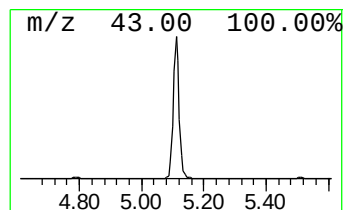
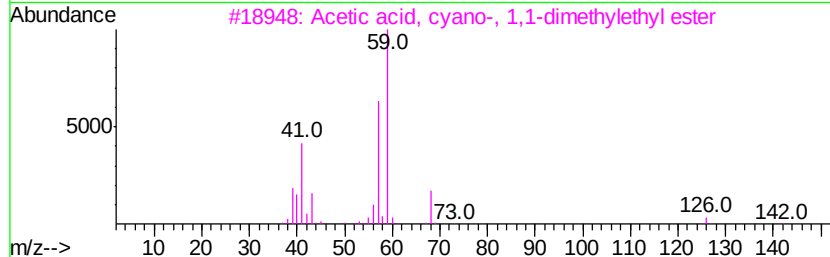
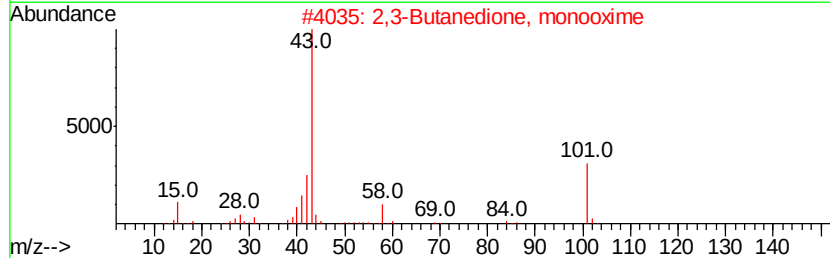
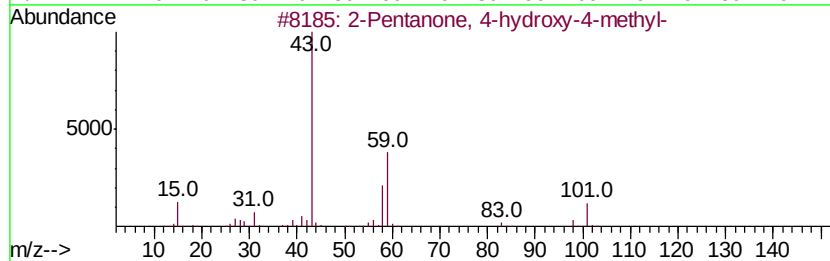
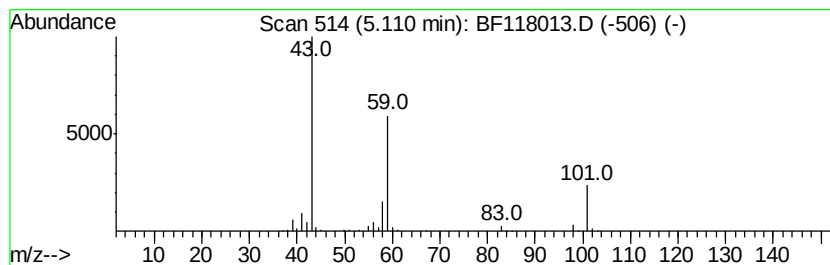
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	15.55 ng	600602	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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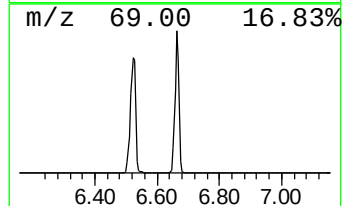
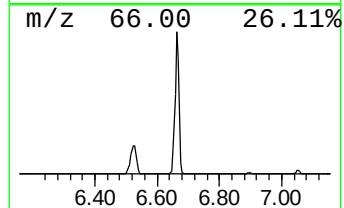
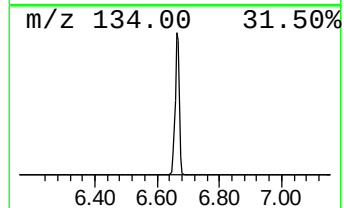
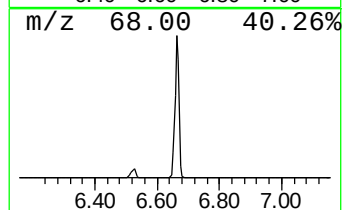
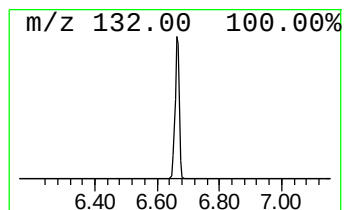
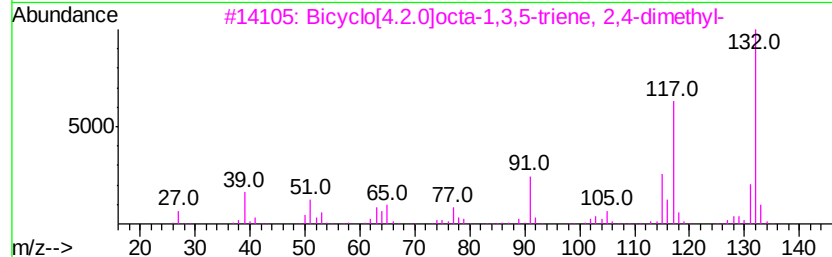
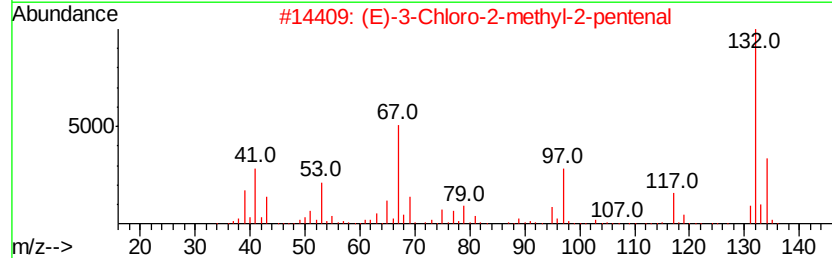
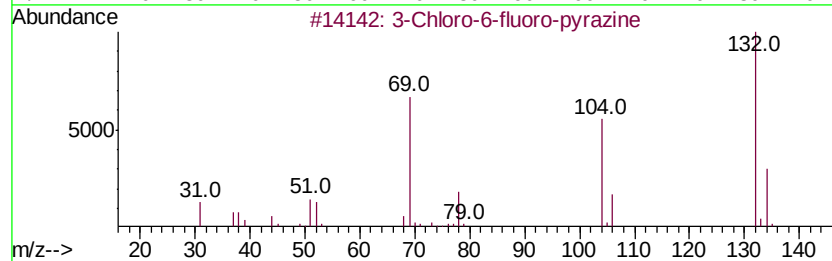
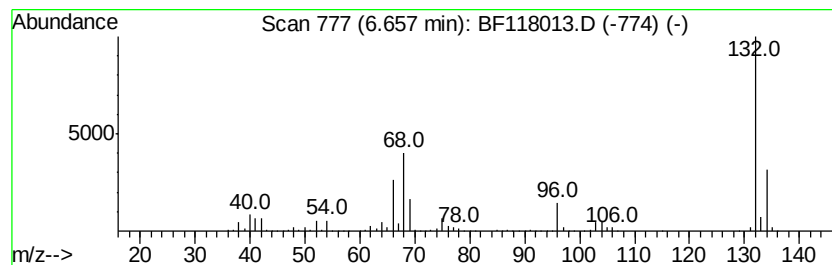
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Peak Number 3 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	84.23 ng	3253270	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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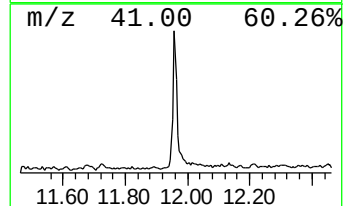
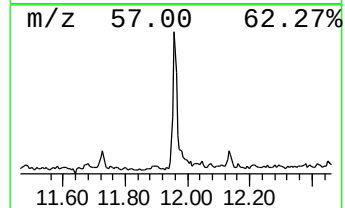
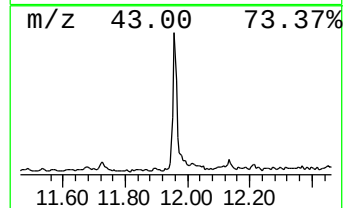
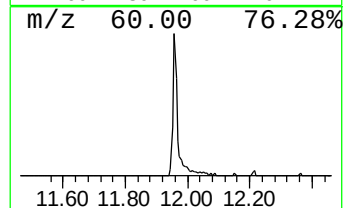
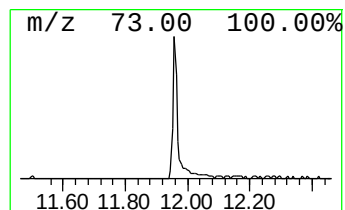
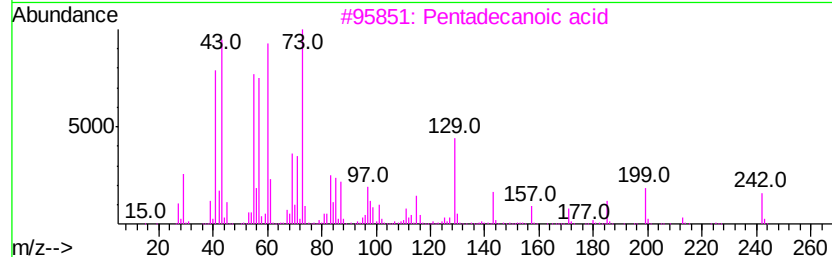
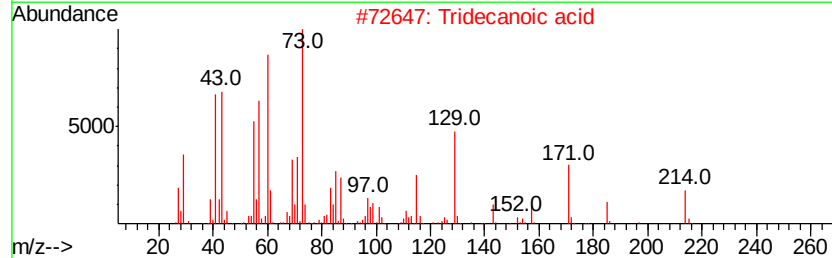
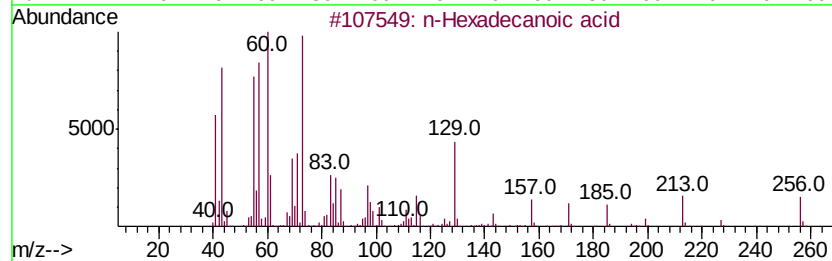
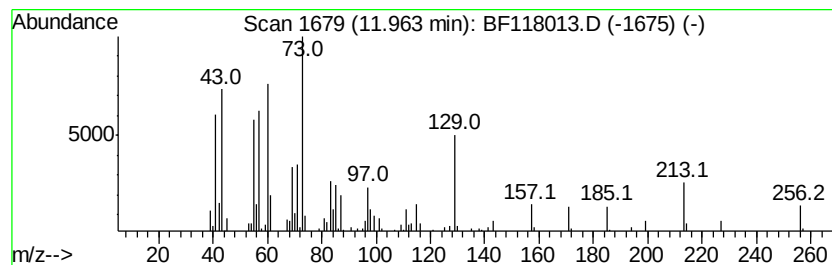
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.96	4.64 ng	212884	Phenanthrene-d10	11.44	
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	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62



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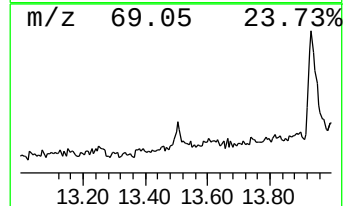
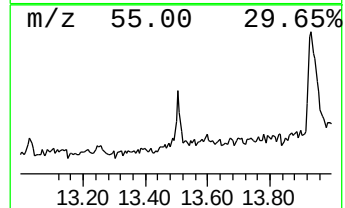
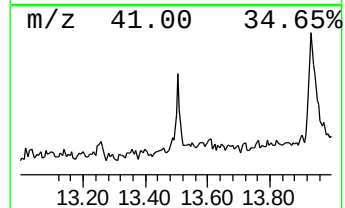
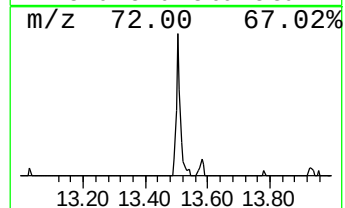
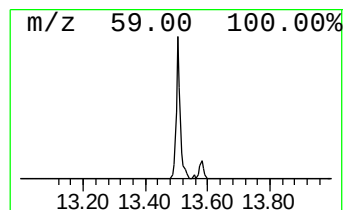
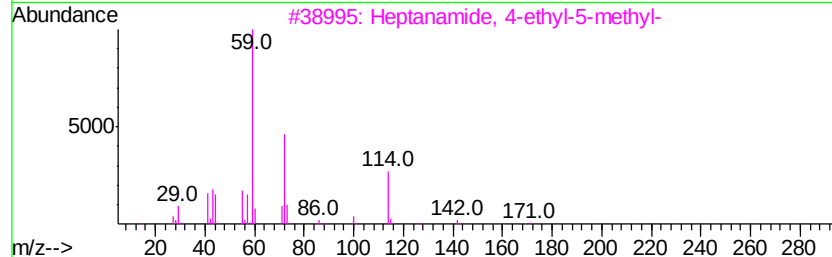
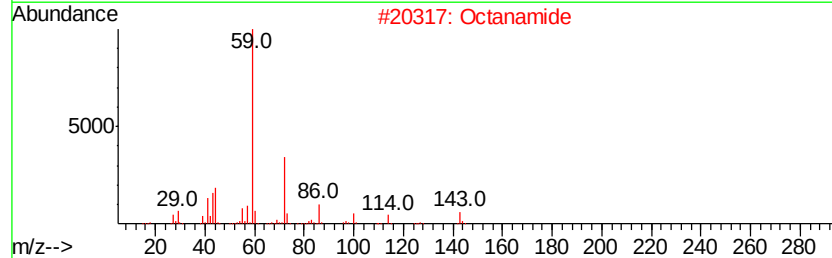
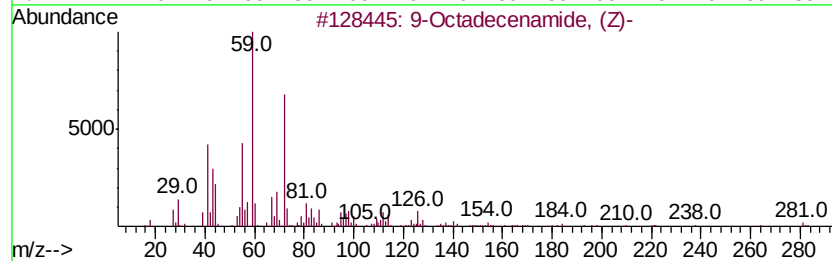
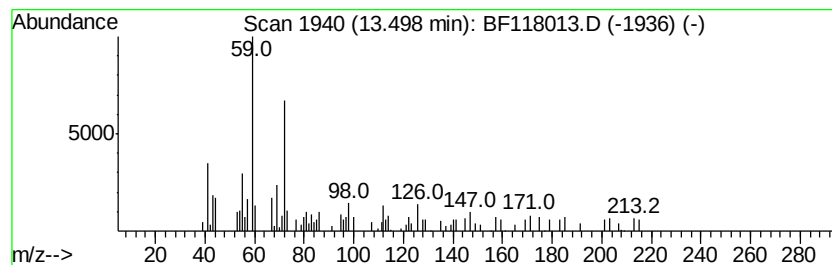
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Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.50	2.13 ng	83112	Chrysene-d12		14.09
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
2	Octanamide	143	C8H17NO	000629-01-6	53
3	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	53
4	Decanamide-	171	C10H21NO	002319-29-1	53
5	Dodecanamide	199	C12H25NO	001120-16-7	53



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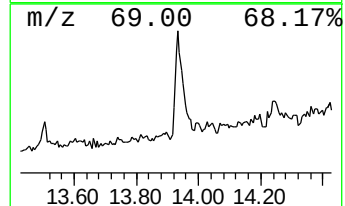
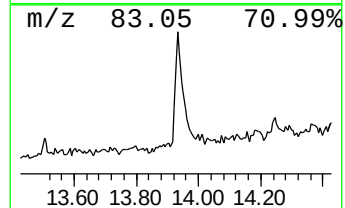
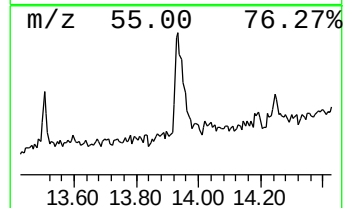
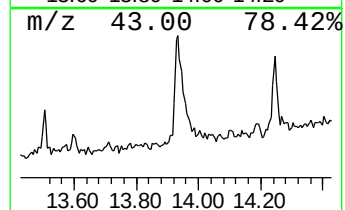
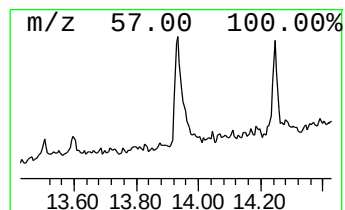
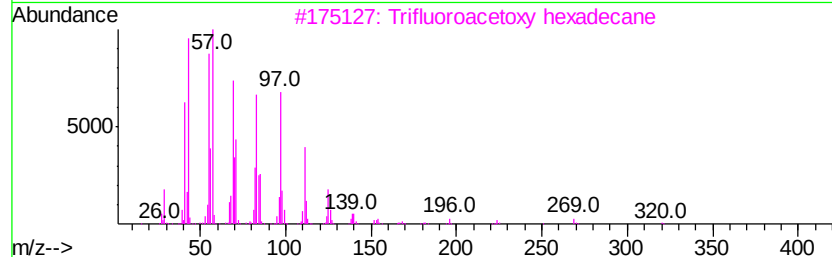
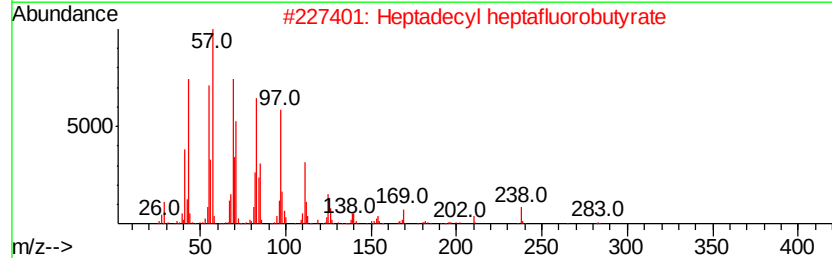
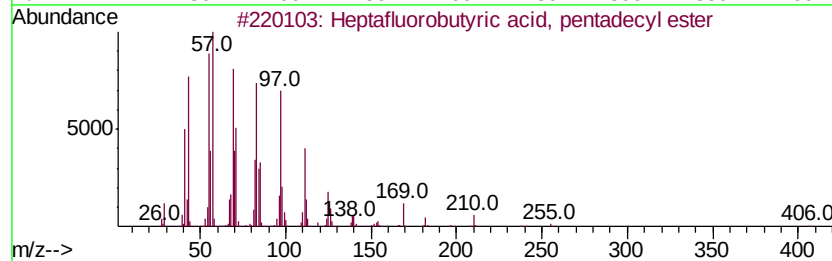
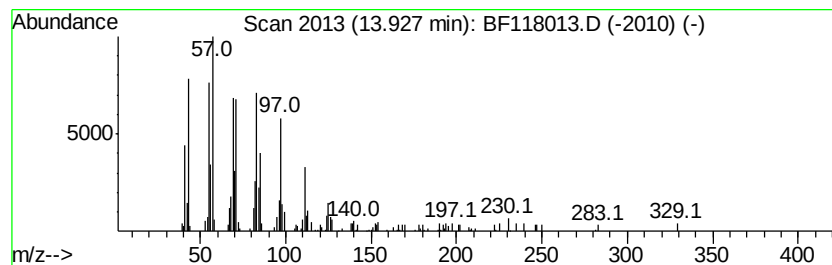
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptafluorobutyric acid, pe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	6.14 ng	239693	Chrysene-d12	14.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118013.D
Acq On : 26 Nov 2019 18:00
Operator : JU
Sample : K5959-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WS-112019-COMP-BD

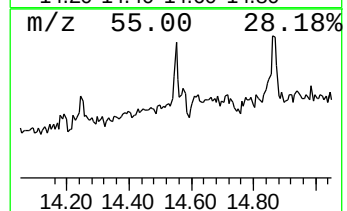
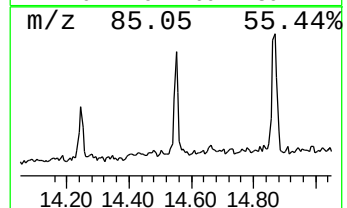
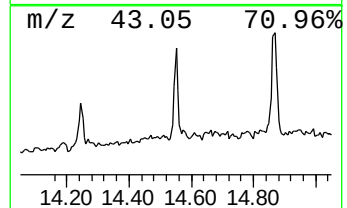
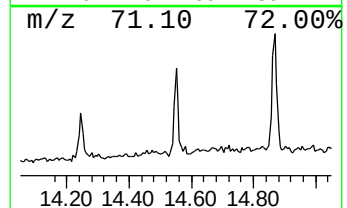
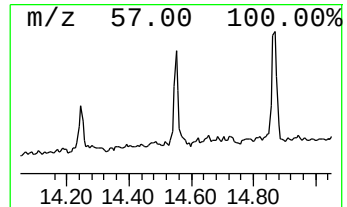
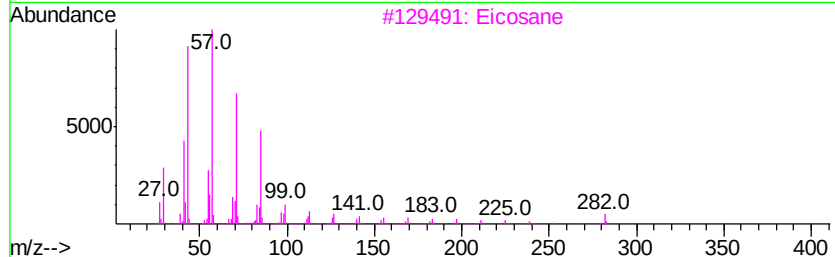
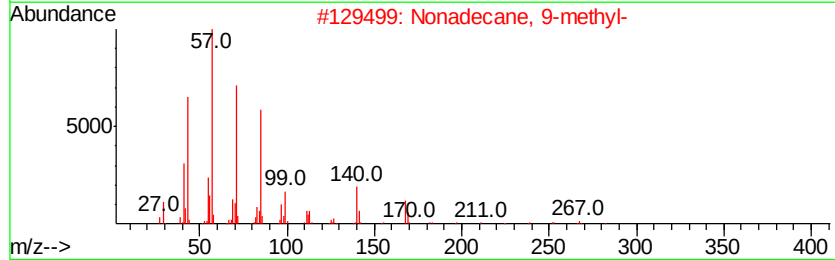
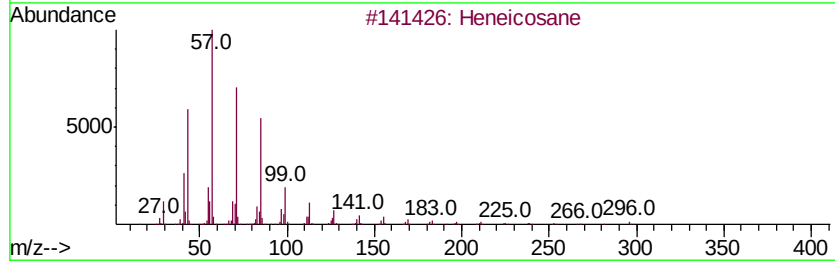
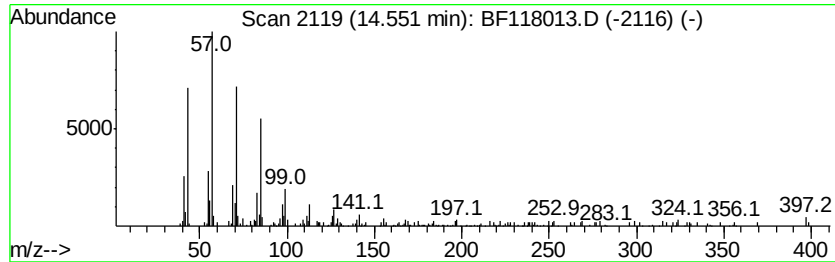
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	3.16 ng	123228	Chrysene-d12	14.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3		Eicosane	282	C20H42	000112-95-8	93
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
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Acq On : 26 Nov 2019 18:00
Operator : JU
Sample : K5959-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

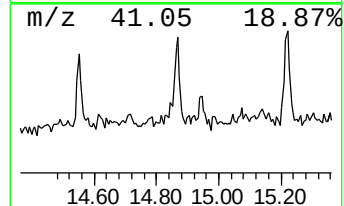
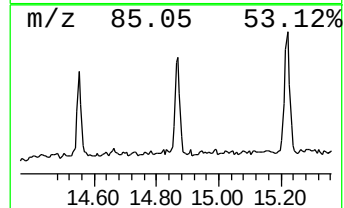
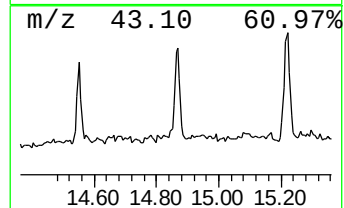
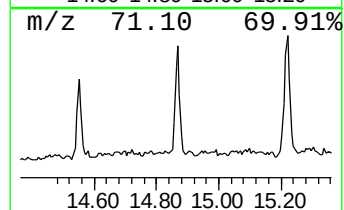
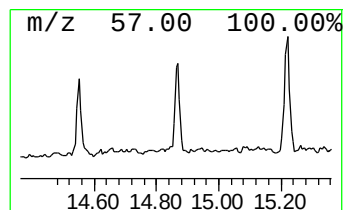
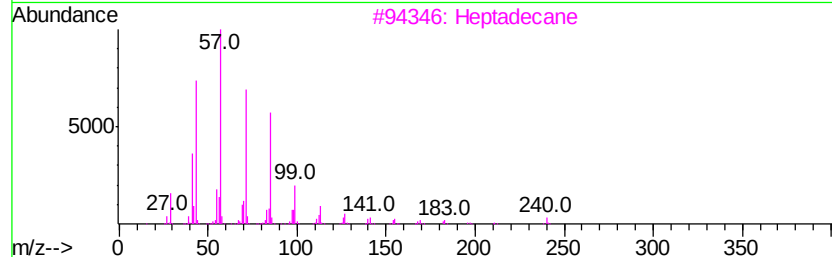
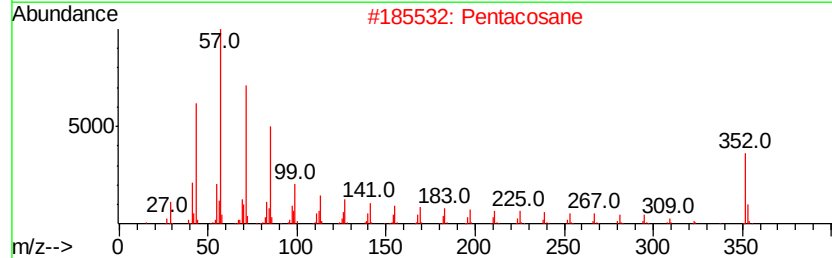
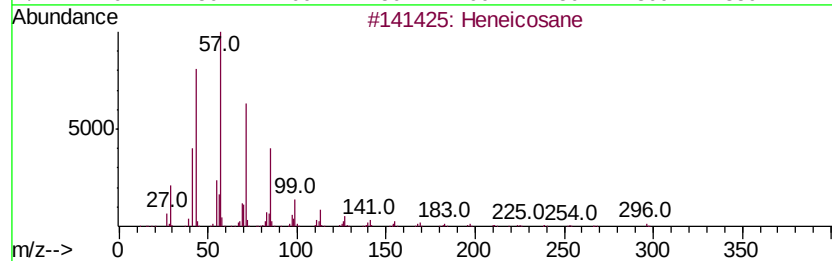
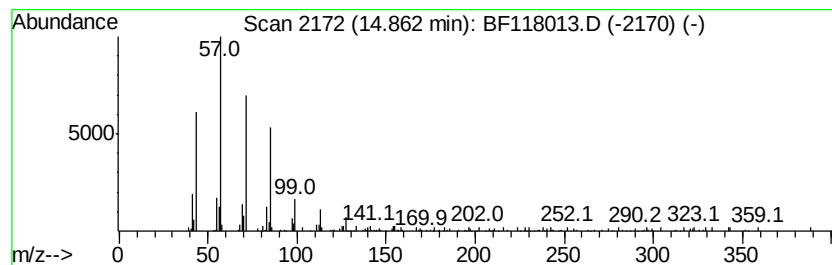
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.87 ng	120177	Perylene-d12	15.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	96
2	Pentacosane	352 C25H52	000629-99-2	87
3	Heptadecane	240 C17H36	000629-78-7	86
4	Tetracosane	338 C24H50	000646-31-1	68
5	Hexadecane, 2-methyl-	240 C17H36	001560-92-5	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118013.D
Acq On : 26 Nov 2019 18:00
Operator : JU
Sample : K5959-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

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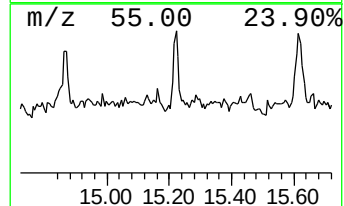
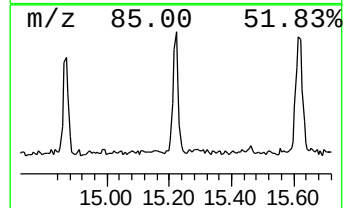
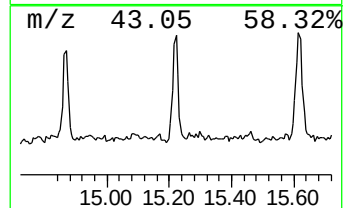
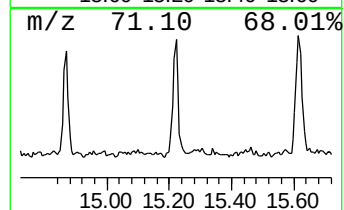
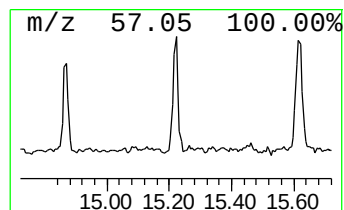
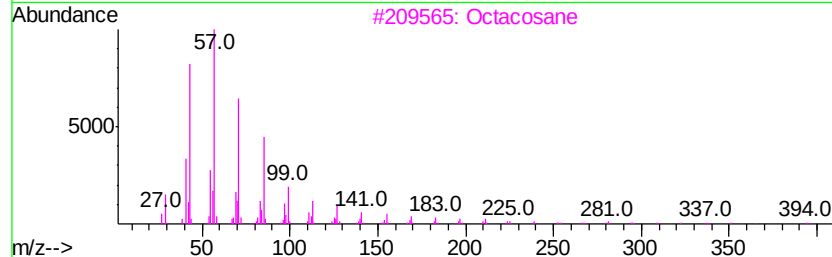
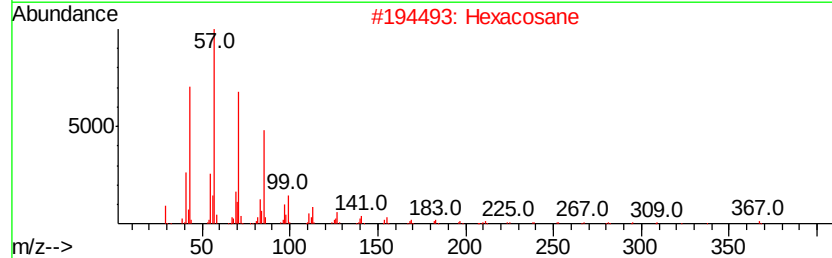
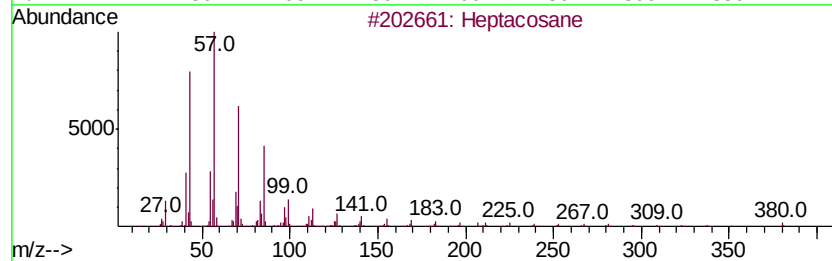
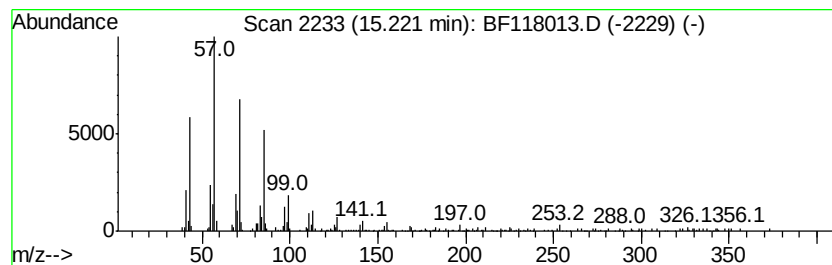
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	5.35 ng	223872	Perylene-d12	15.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Hexatriacontane	507	C36H74	000630-06-8	91
5			2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
Data File : BF118013.D
Acq On : 26 Nov 2019 18:00
Operator : JU
Sample : K5959-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

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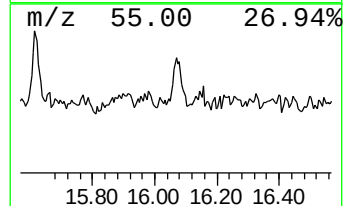
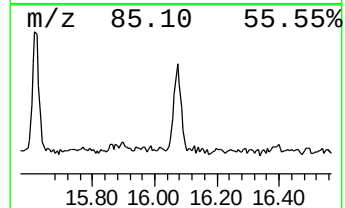
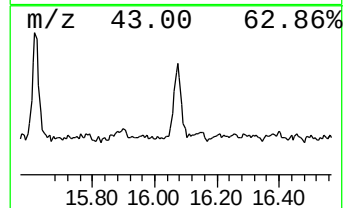
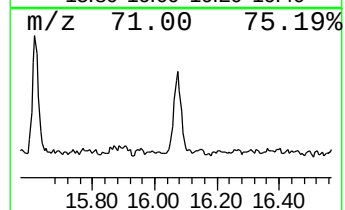
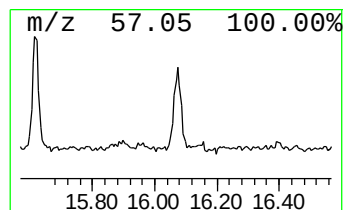
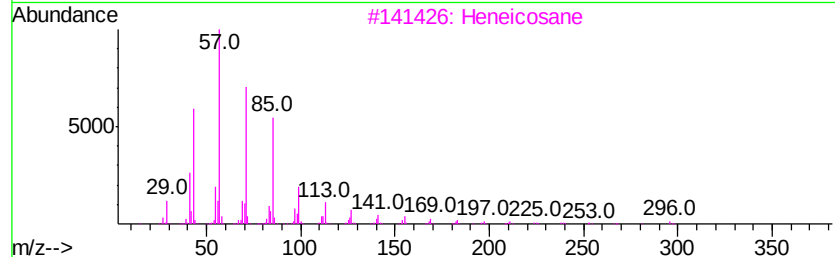
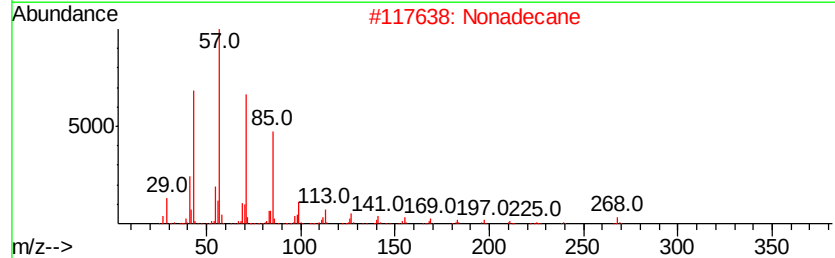
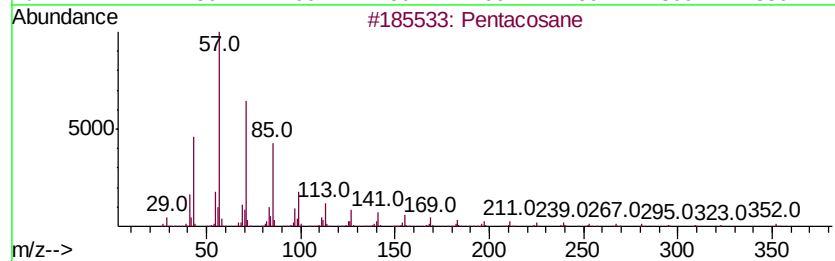
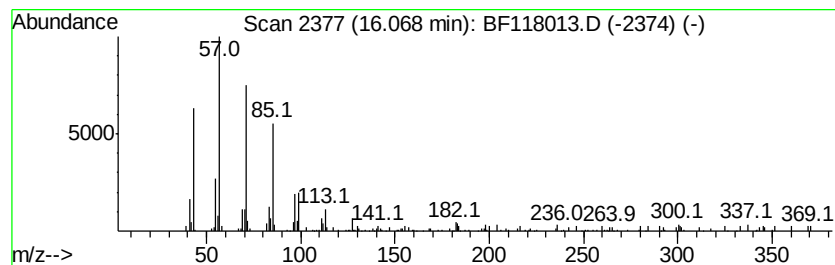
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane, 1-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.65 ng	152938	Perylene-d12	15.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	95
2		Nonadecane	268	C19H40	000629-92-5	90
3		Heneicosane	296	C21H44	000629-94-7	87
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112619\
 Data File : BF118013.D
 Acq On : 26 Nov 2019 18:00
 Operator : JU
 Sample : K5959-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.19	20.1	ng	774585	1	6.89	772510	20.0
2-Pentanone, 4-hy...	5.11	15.6	ng	600602	1	6.89	772510	20.0
unknown6.66	6.66	84.2	ng	3253270	1	6.89	772510	20.0
n-Hexadecanoic acid	11.96	4.6	ng	212884	4	11.44	916923	20.0
9-Octadecenamide,...	13.50	2.1	ng	83112	5	14.09	780962	20.0
Heptafluorobutyri...	13.93	6.1	ng	239693	5	14.09	780962	20.0
Nonadecane, 9-met...	14.55	3.2	ng	123228	5	14.09	780962	20.0
Pentacosane	14.86	2.9	ng	120177	6	15.59	837290	20.0
Heptacosane	15.22	5.3	ng	223872	6	15.59	837290	20.0
Heptacosane, 1-ch...	16.07	3.6	ng	152938	6	15.59	837290	20.0