

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116533.D
 Acq On : 25 Aug 2019 15:47
 Operator : HP/JU
 Sample : K4465-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-056

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-BF082319.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	2.240	19	26	32	rVB	1806821	2357419	31.97%	6.427%
2	4.028	318	330	334	rBV	4808980	7374417	100.00%	20.103%
3	5.510	576	582	585	rBV	2624951	2440112	33.09%	6.652%
4	6.510	746	752	755	rBV	2600582	2645722	35.88%	7.213%
5	6.651	771	776	780	rBV	2648653	2658198	36.05%	7.247%
6	6.881	812	815	819	rBV	983424	867066	11.76%	2.364%
7	7.039	838	842	846	rVB	2347554	2089541	28.33%	5.696%
8	7.439	905	910	913	rBV	1780888	1641872	22.26%	4.476%
9	8.163	1028	1033	1037	rBV	1301123	1103358	14.96%	3.008%
10	9.239	1210	1216	1219	rBV	3293503	2891865	39.21%	7.884%
11	9.627	1278	1282	1285	rBV	582611	486273	6.59%	1.326%
12	9.916	1327	1331	1334	rBV	1448627	1154166	15.65%	3.146%
13	10.698	1460	1464	1467	rBV	1469316	1207766	16.38%	3.293%
14	10.810	1475	1483	1486	rBV	1251808	1229599	16.67%	3.352%
15	11.398	1579	1583	1586	rBV	1217102	993013	13.47%	2.707%
16	11.921	1668	1672	1680	rBV2	156691	148839	2.02%	0.406%
17	12.980	1847	1852	1855	rBV	2283284	1941885	26.33%	5.294%
18	13.415	1923	1926	1931	rVB3	72551	80294	1.09%	0.219%
19	13.874	2001	2004	2011	rBV	197815	239508	3.25%	0.653%
20	14.027	2026	2030	2034	rBV	712290	660212	8.95%	1.800%
21	14.510	2109	2112	2119	rVB2	148380	168450	2.28%	0.459%
22	14.815	2161	2164	2173	rVB	111441	132115	1.79%	0.360%
23	15.157	2218	2222	2225	rBV	192386	222711	3.02%	0.607%
24	15.498	2275	2280	2284	rBV	496361	603994	8.19%	1.647%
25	15.539	2284	2287	2295	rVB	133143	185832	2.52%	0.507%
26	15.980	2358	2362	2367	rBV	136615	196870	2.67%	0.537%
27	16.033	2367	2371	2385	rVB	107085	212360	2.88%	0.579%
28	16.251	2405	2408	2419	rVB2	70672	134765	1.83%	0.367%
29	17.580	2628	2634	2644	rBV5	124846	307874	4.17%	0.839%
30	18.615	2803	2810	2818	rVB3	129858	306241	4.15%	0.835%

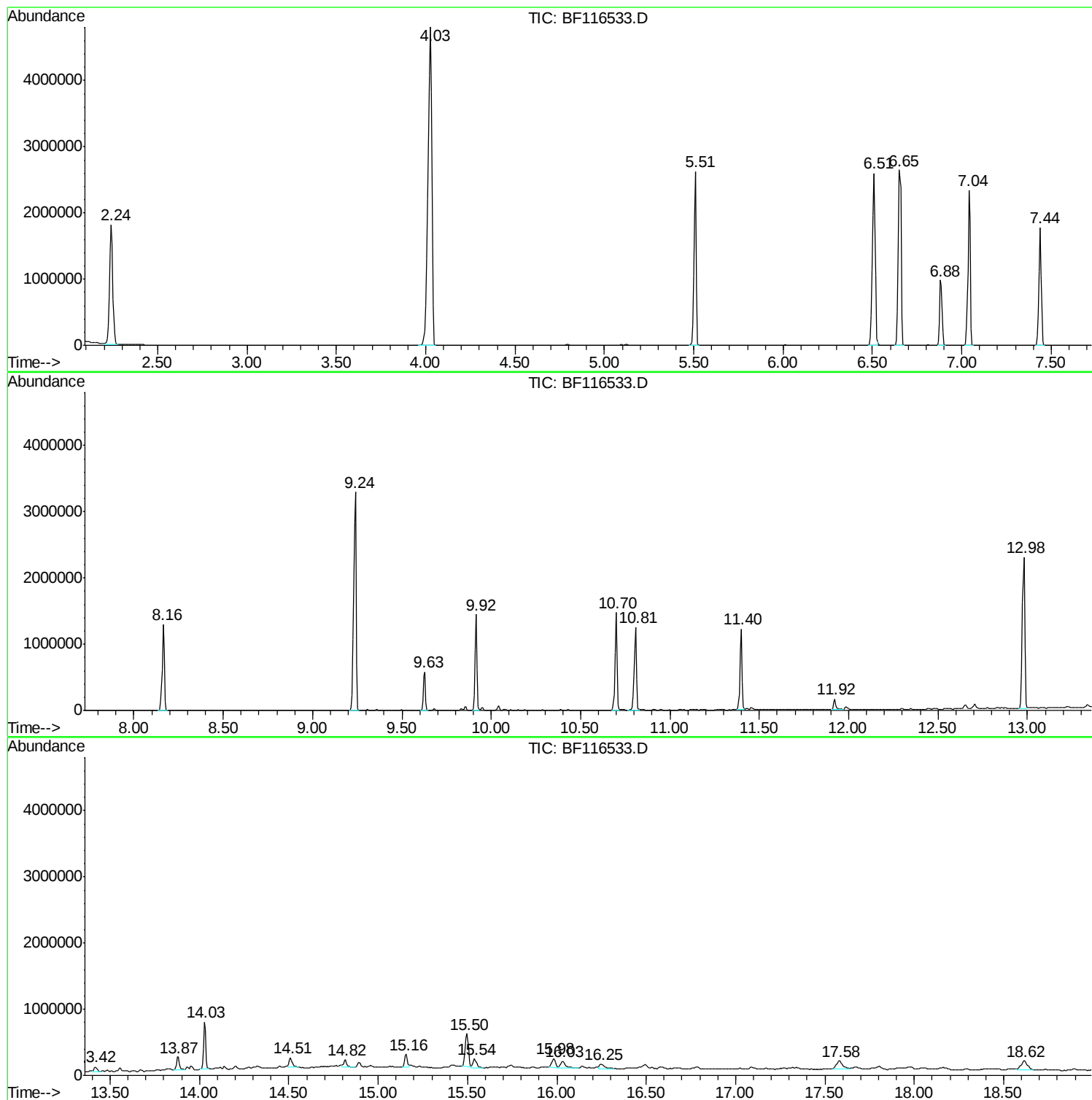
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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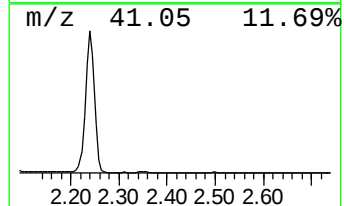
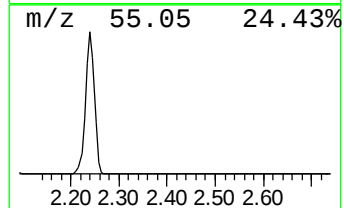
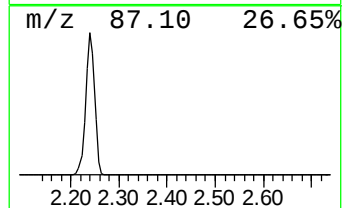
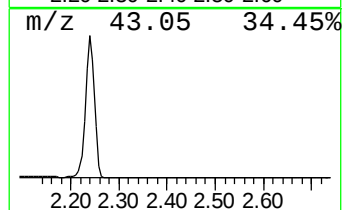
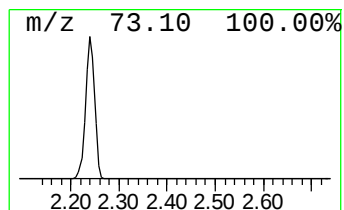
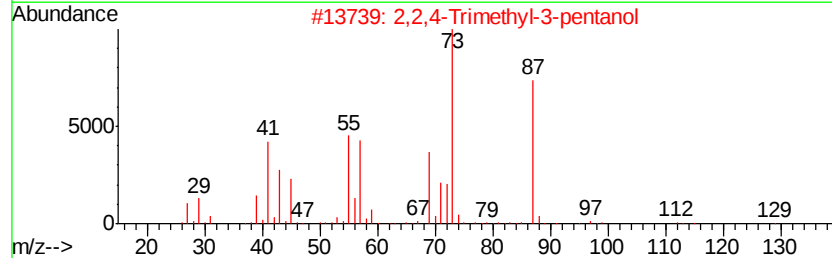
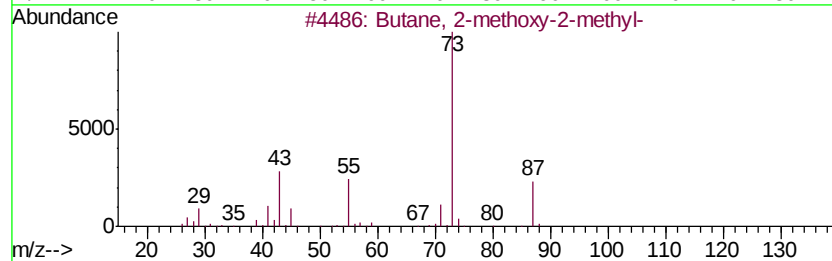
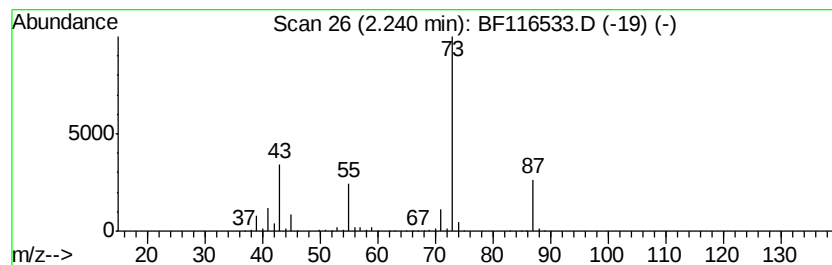
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.24	54.38 ng	2357420	1,4-Dichlorobenzene-d4	6.88

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		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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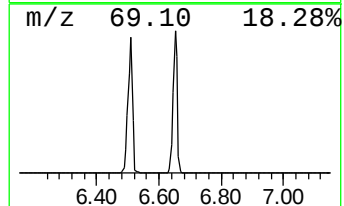
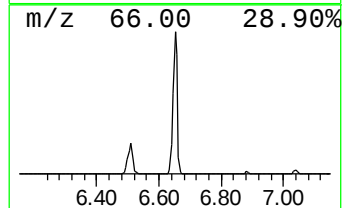
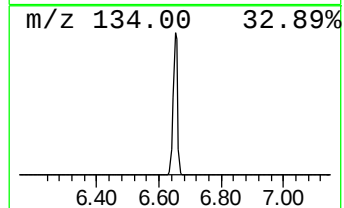
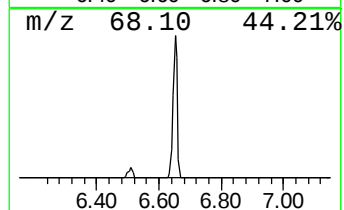
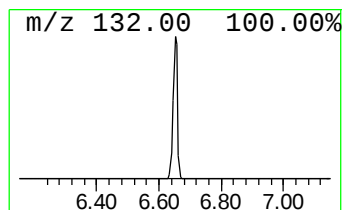
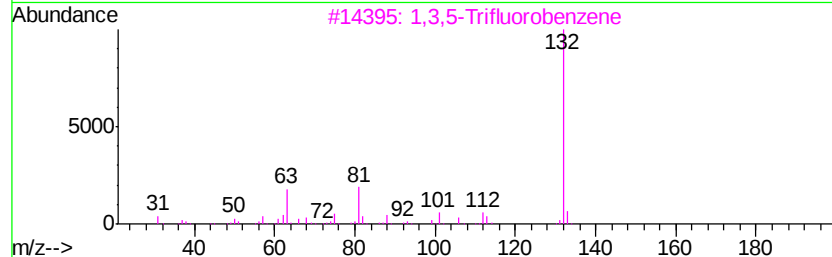
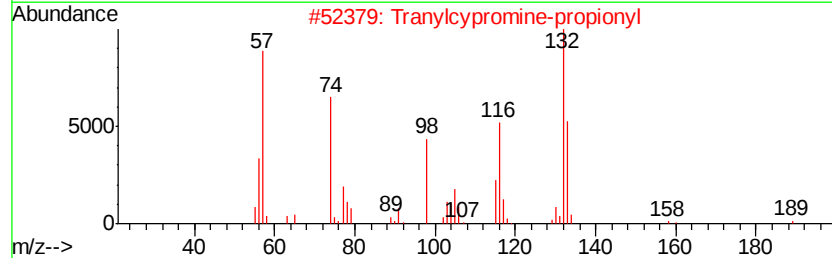
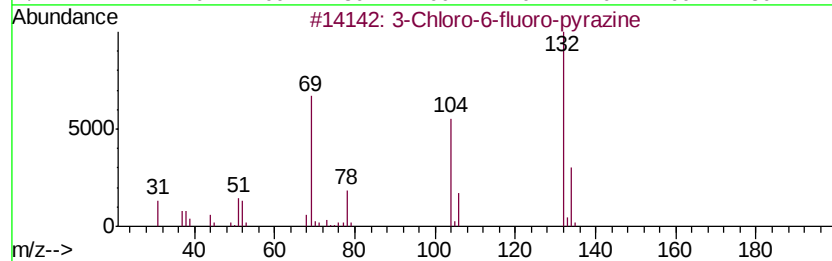
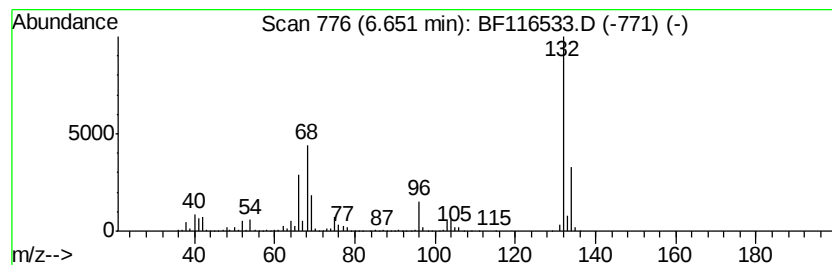
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Peak Number 3 unknown6.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	61.31 ng	2658200	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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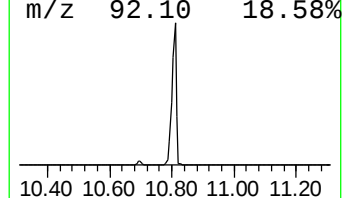
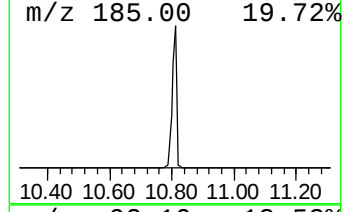
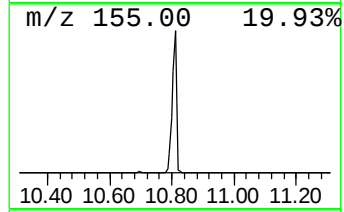
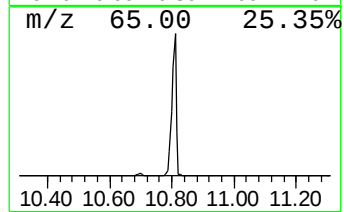
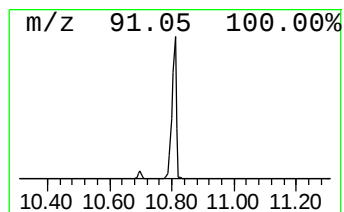
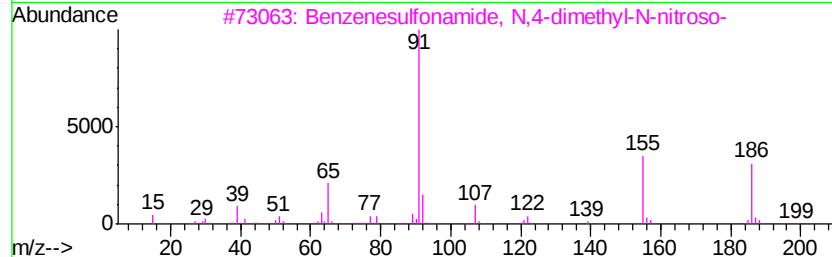
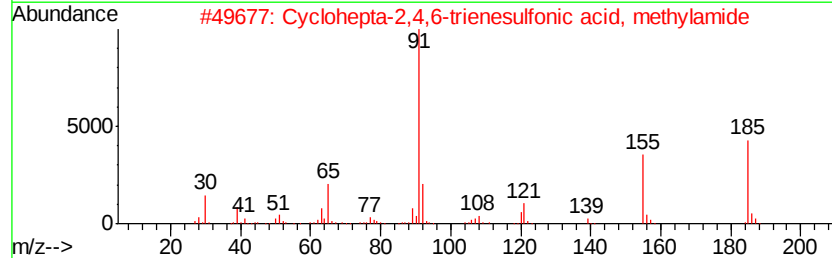
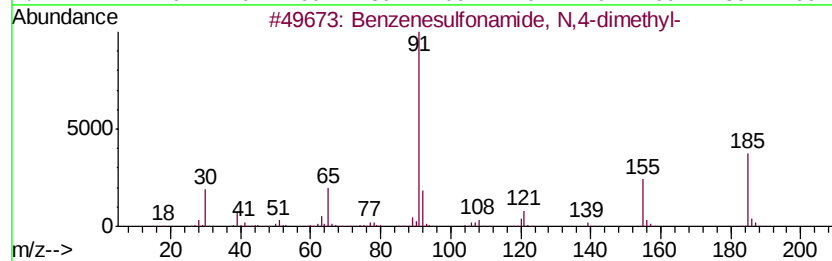
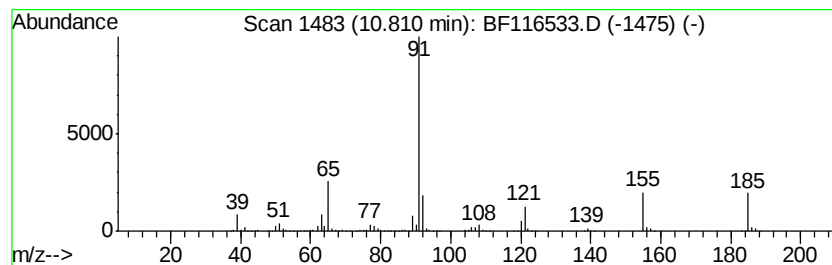
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Peak Number 5 Benzenesulfonamide, N,4-dim... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	24.77 ng	1229600	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	93
2		Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	58
3		Benzenesulfonamide, N,4-dimethyl...	214	C8H10N2O3S	000080-11-5	53
4		4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	47
5		(O-p-Tosylisonitroso)malononitrile	249	C10H7N3O3S	020893-01-0	47



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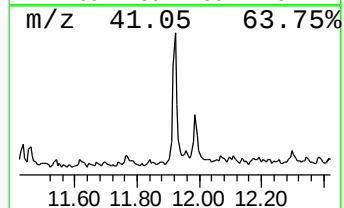
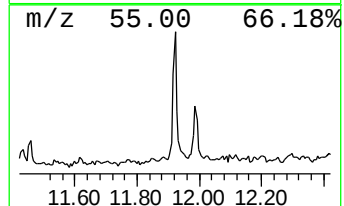
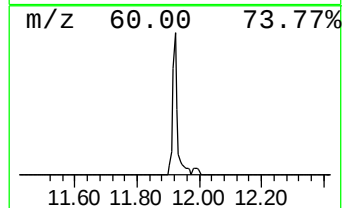
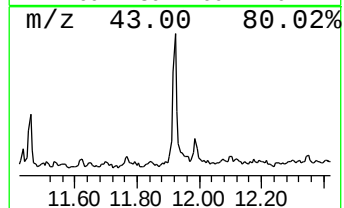
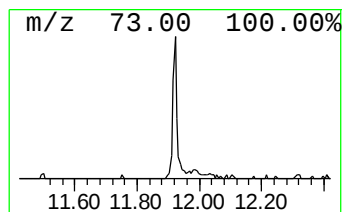
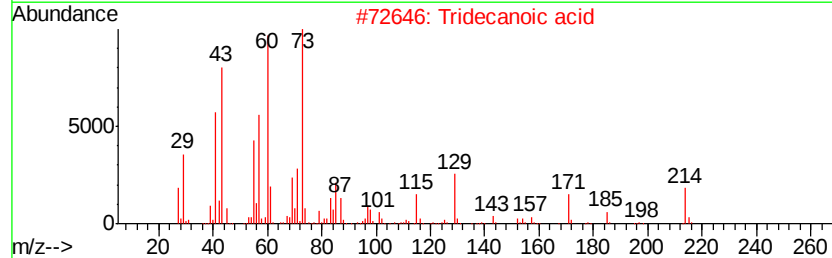
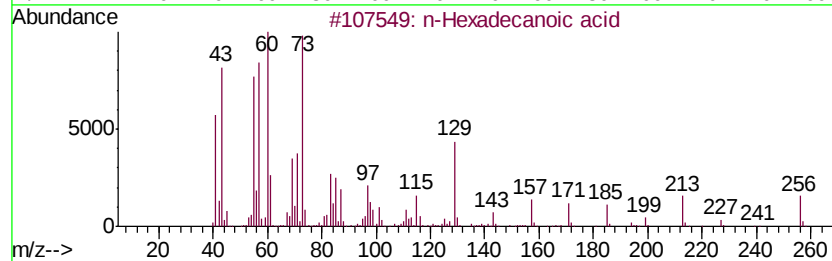
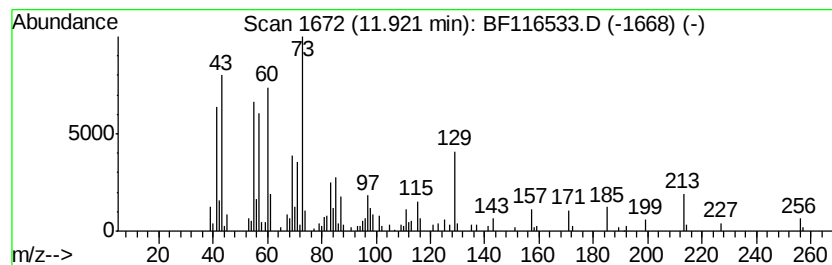
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.00 ng	148839	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	72



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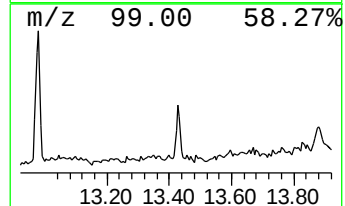
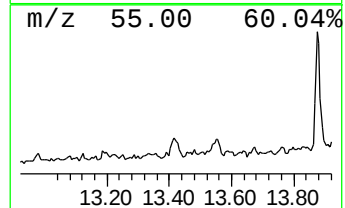
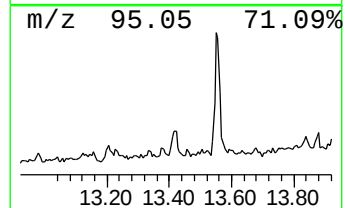
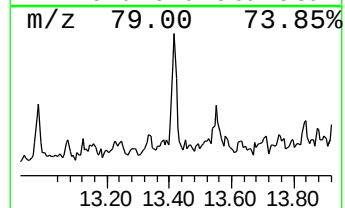
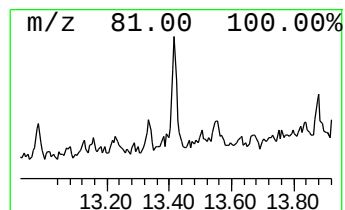
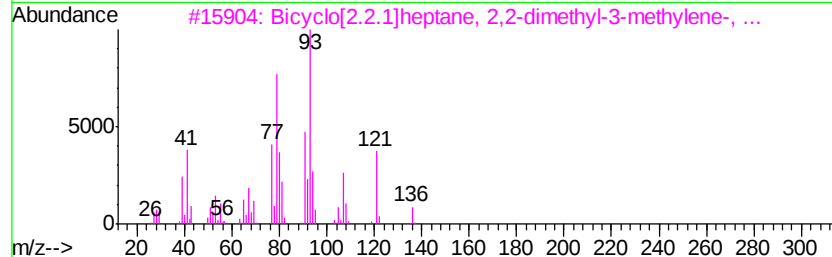
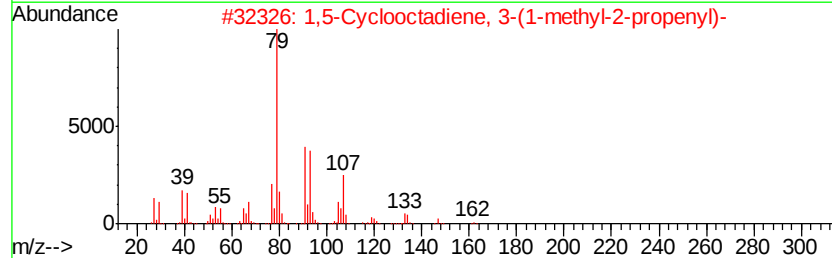
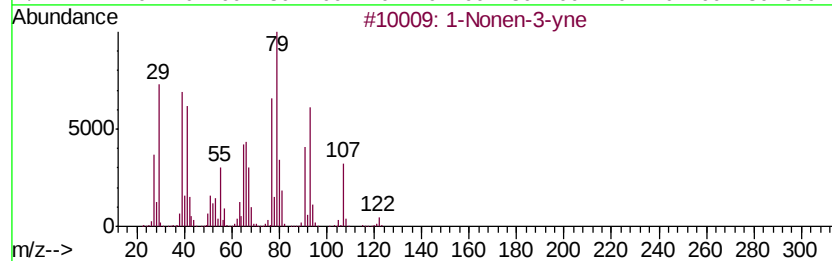
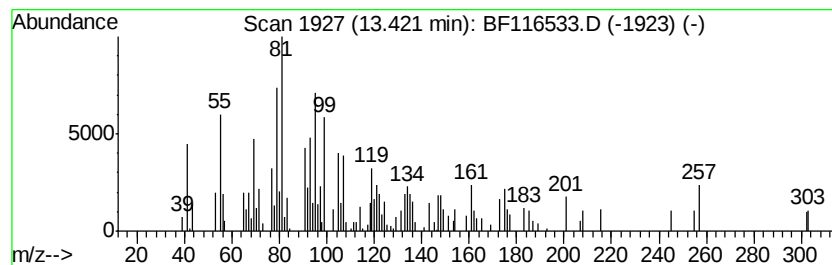
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Peak Number 7 unknown13.42 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	2.43 ng	80294	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonen-3-yne	122 C9H14	057223-18-4	35
2	1,5-Cyclooctadiene, 3-(1-methyl-...	162 C12H18	016538-88-8	30
3	Bicyclo[2.2.1]heptane, 2,2-dimet...	136 C10H16	005794-03-6	25
4	3-Methylene-1,6-heptadiene	108 C8H12	016626-48-5	25
5	3,7-Nonadienamide, 4,8-dimethyl-...	257 C17H23NO	104476-99-5	15



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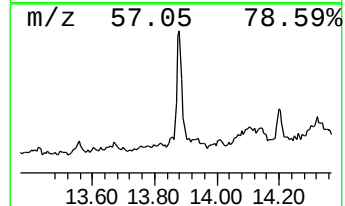
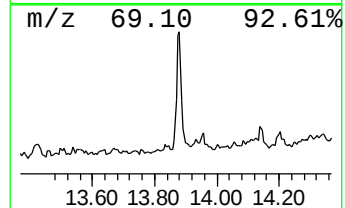
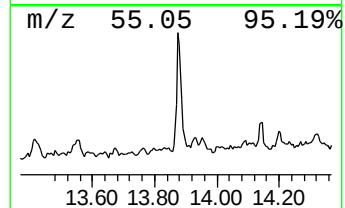
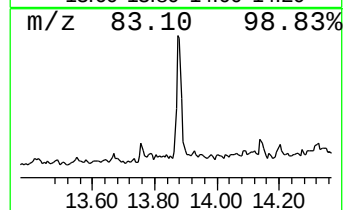
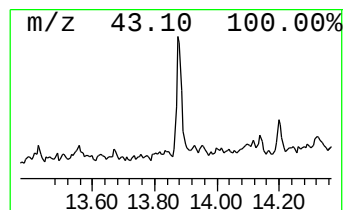
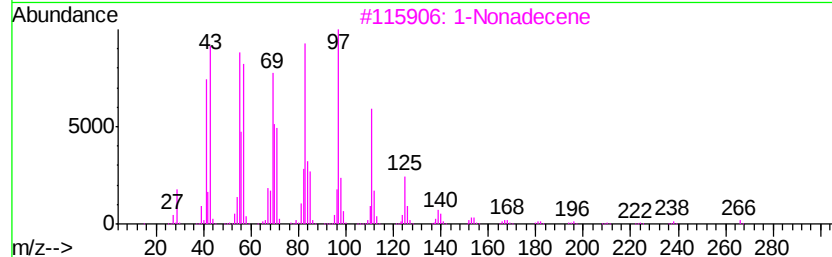
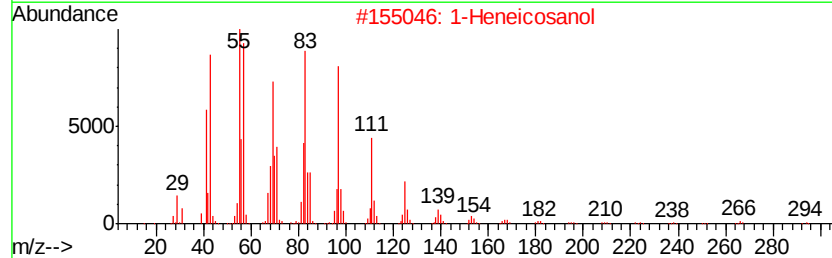
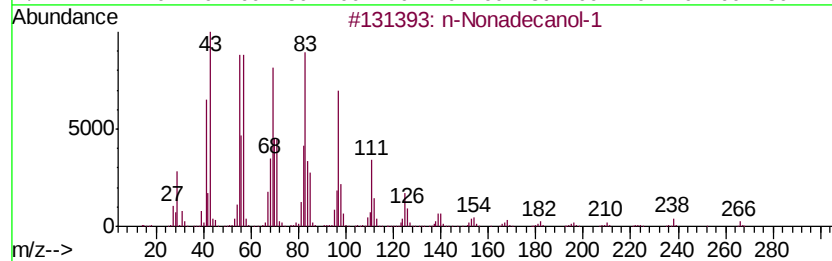
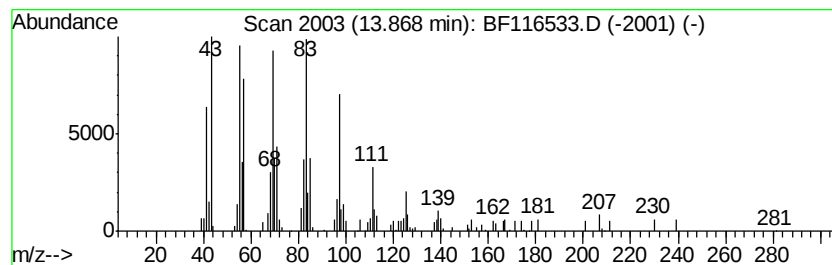
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Nonadecanol-1 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	7.26 ng	239508	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95	
2	1-Heneicosanol	312	C21H44O	015594-90-8	95	
3	1-Nonadecene	266	C19H38	018435-45-5	94	
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94	
5	Behenic alcohol	326	C22H46O	000661-19-8	94	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
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Sample : K4465-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

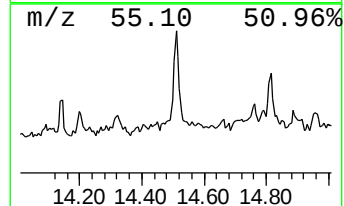
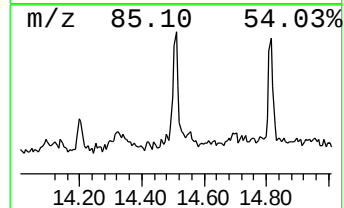
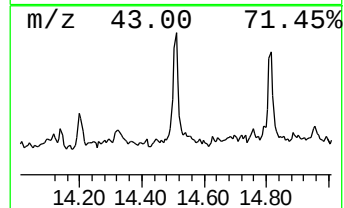
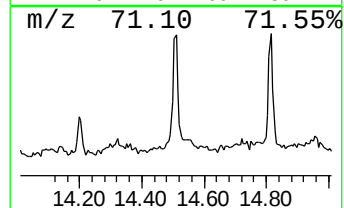
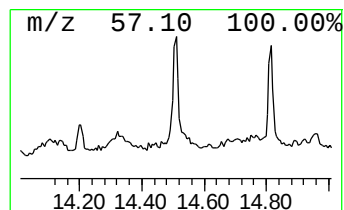
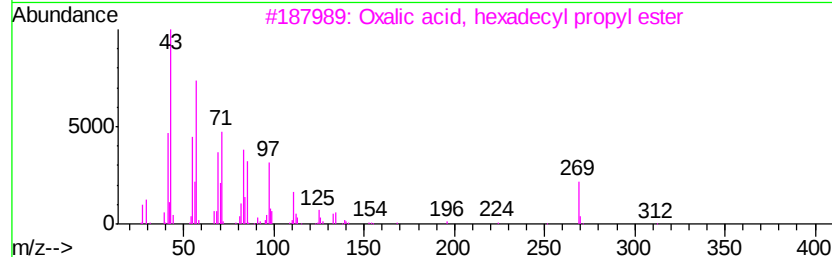
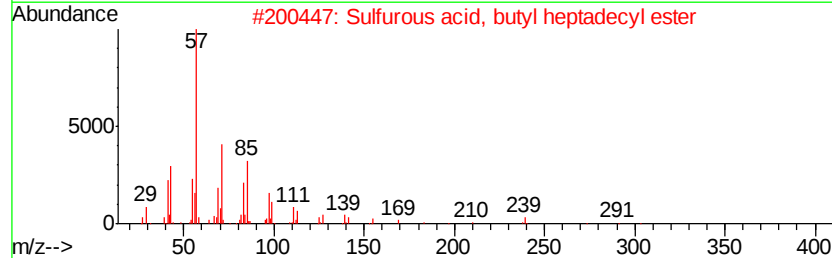
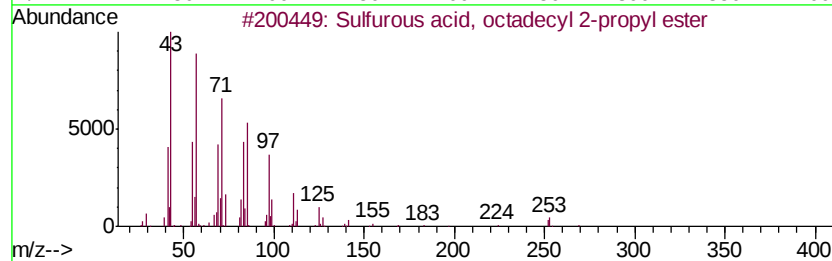
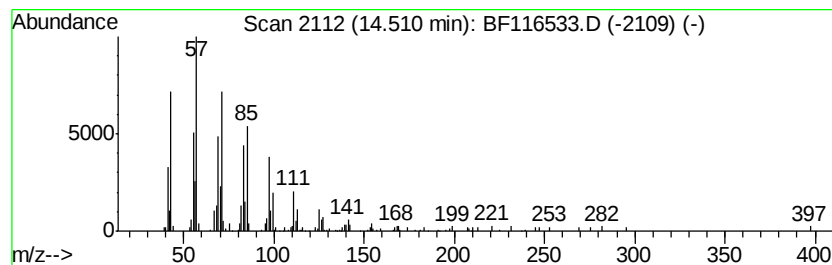
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Sulfurous acid, octadecyl 2... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.51	5.10 ng	168450	Chrysene-d12	14.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
2		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	86
3		Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	74
4		Eicosane	282	C20H42	000112-95-8	70
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116533.D
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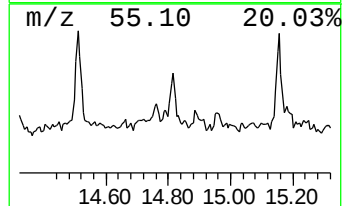
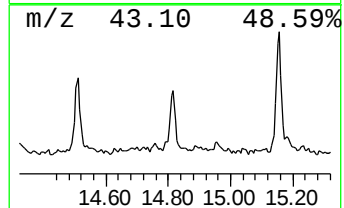
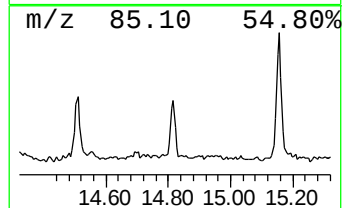
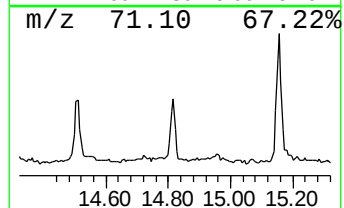
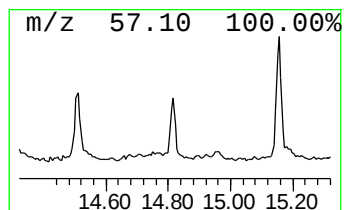
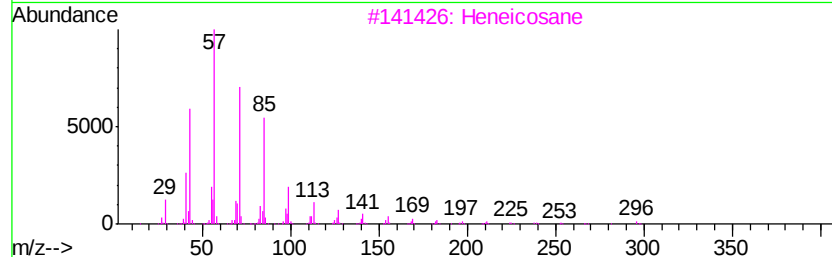
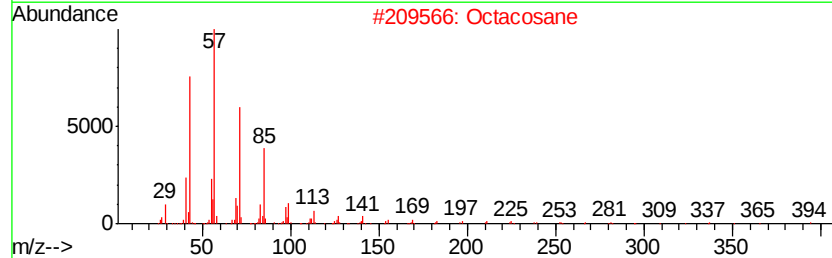
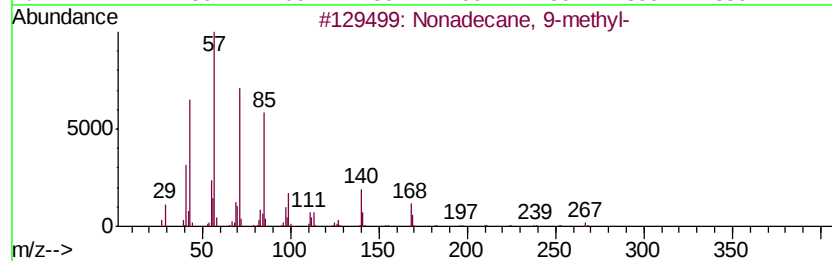
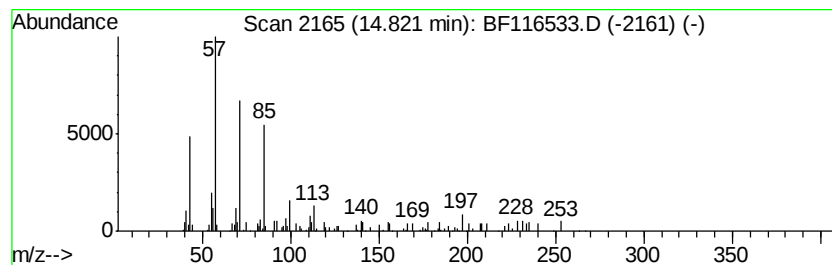
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	4.37 ng	132115	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	92
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116533.D
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Misc :
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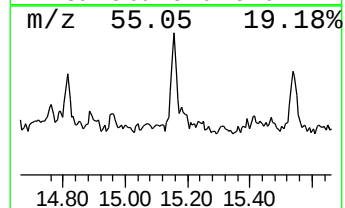
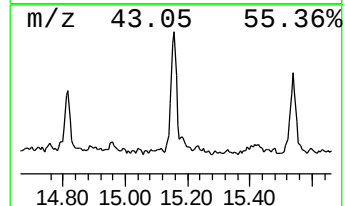
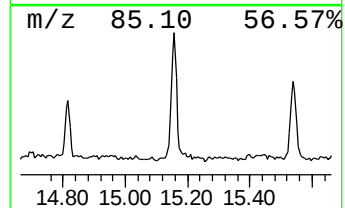
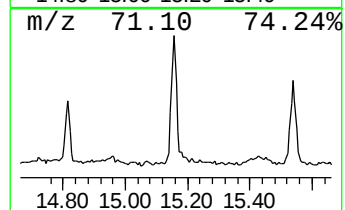
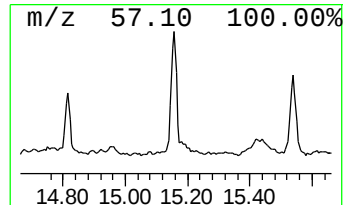
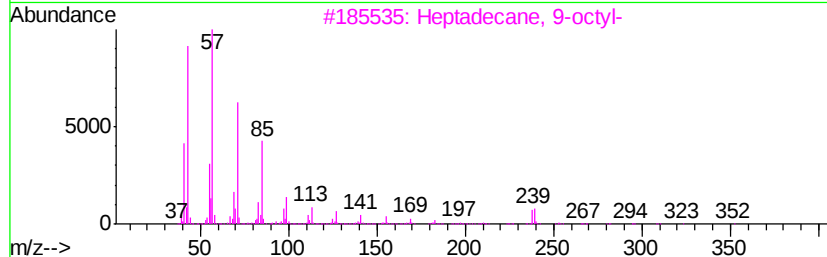
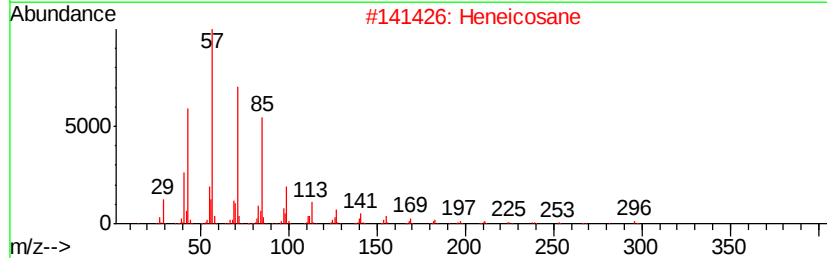
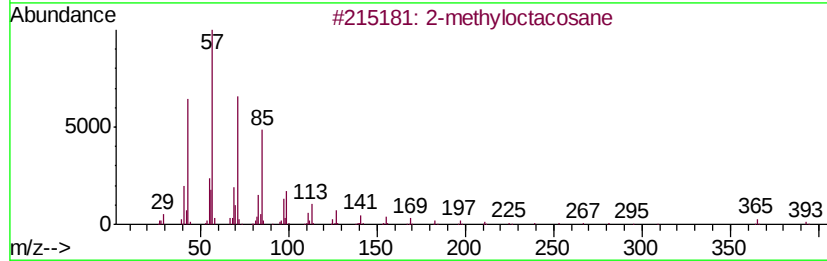
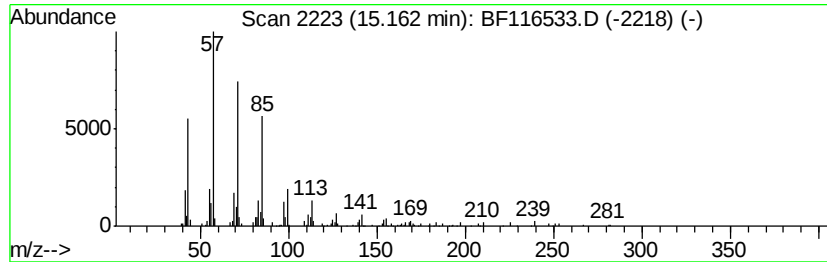
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	7.37 ng	222711	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5		Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
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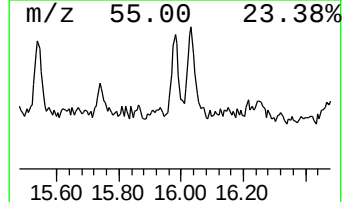
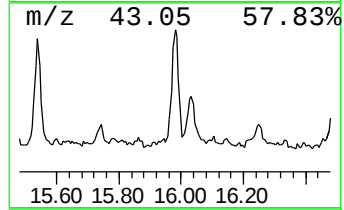
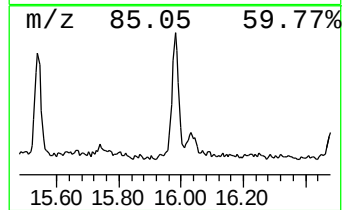
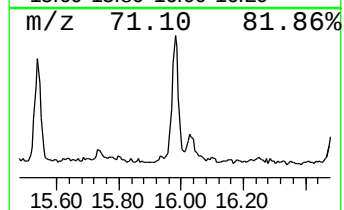
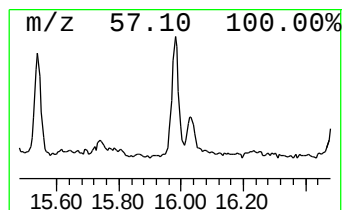
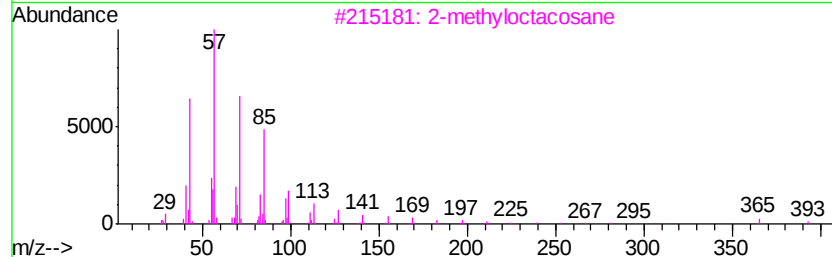
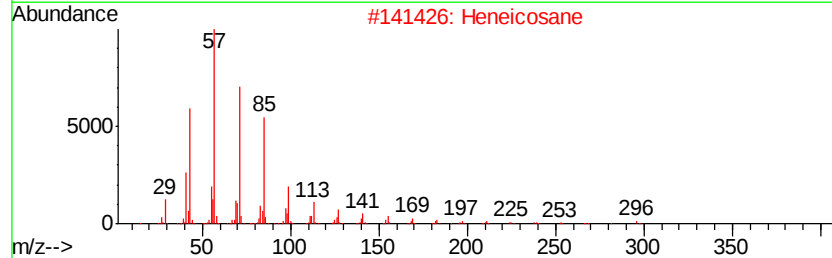
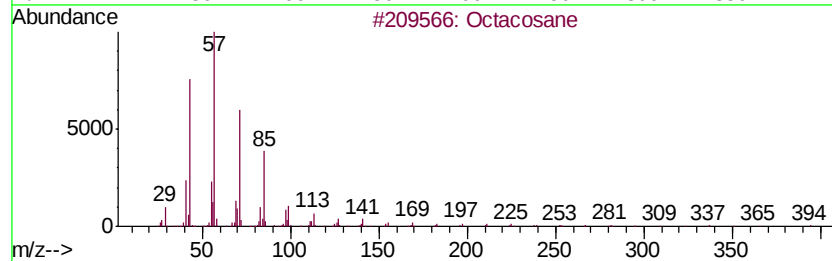
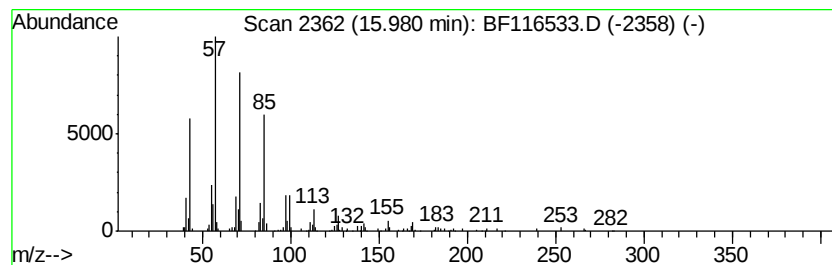
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	6.52 ng	196870	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			2-methyloctacosane	408	C29H60	1000376-72-8	90
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116533.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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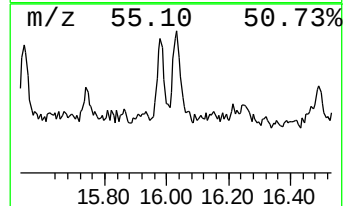
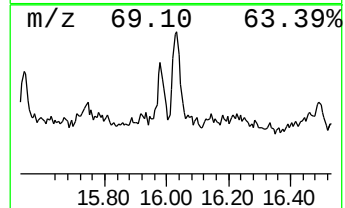
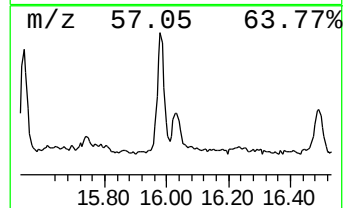
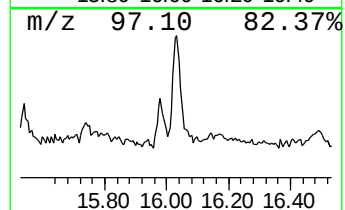
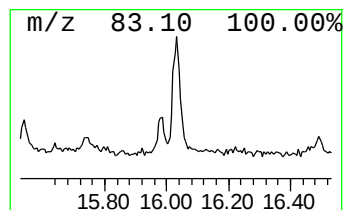
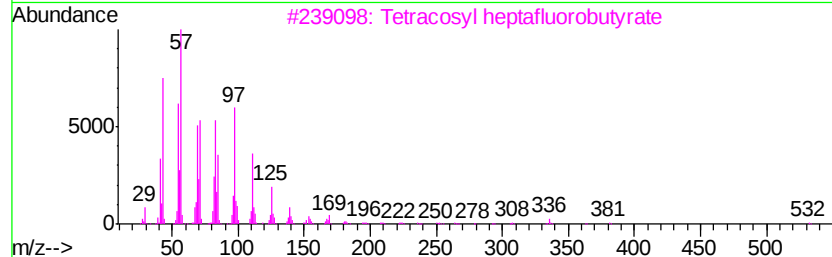
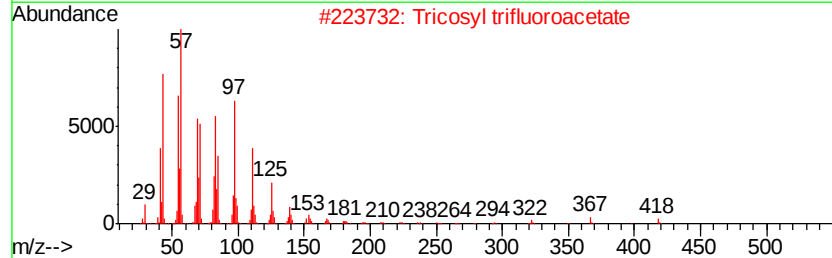
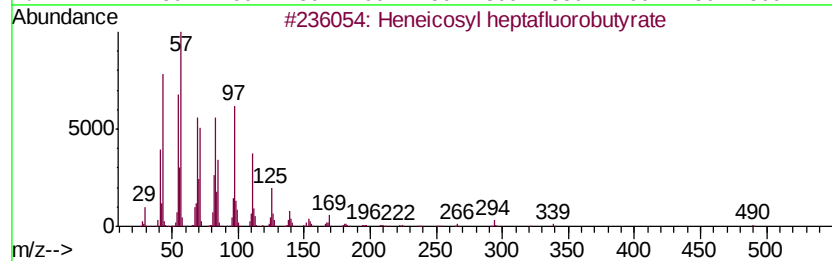
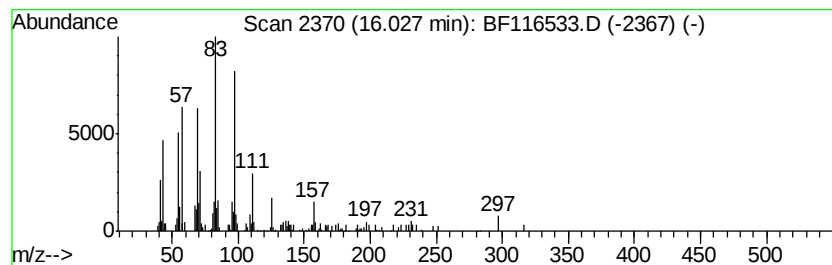
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown16.03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	7.03 ng	212360	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	41
2		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	41
3		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	41
4		Octacosanol	410	C28H58O	000557-61-9	41
5		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
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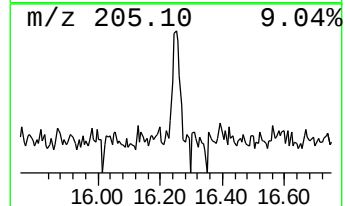
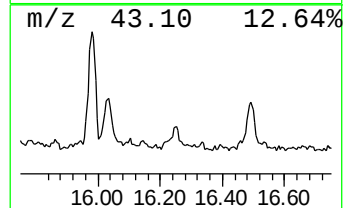
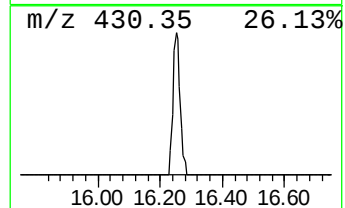
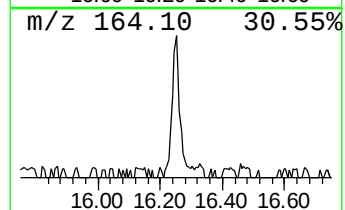
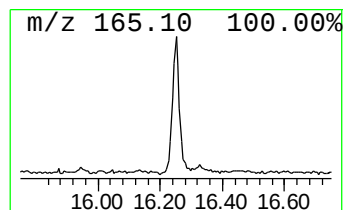
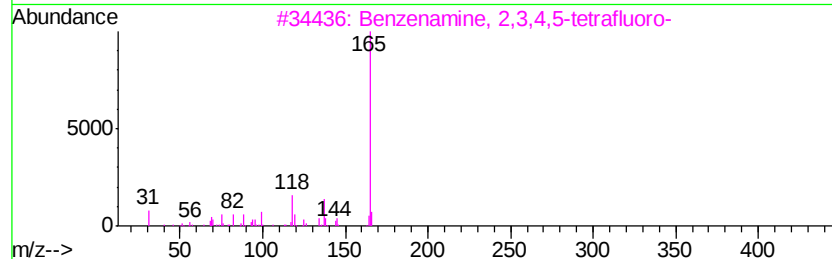
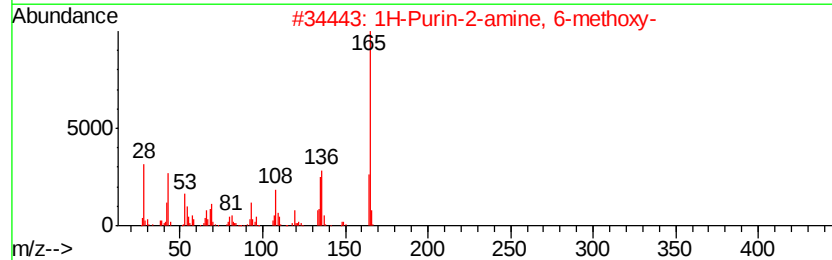
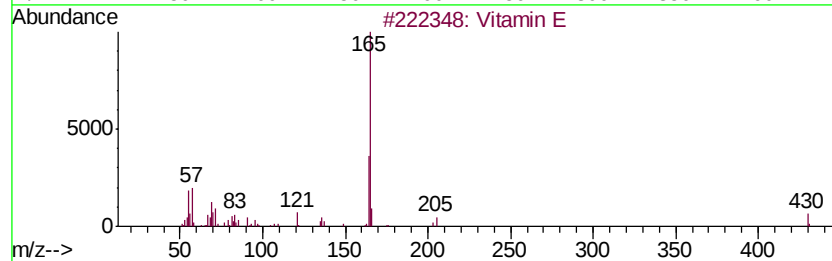
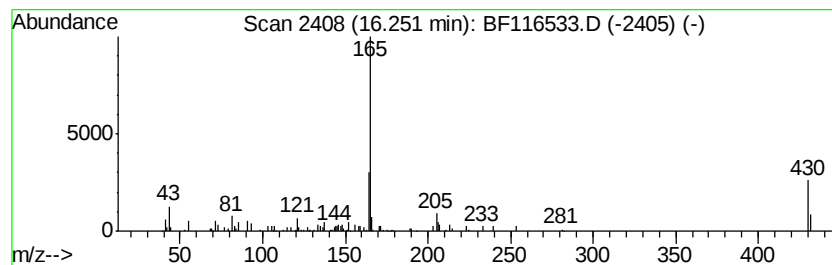
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Vitamin E Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	4.46 ng	134765	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vitamin E	430	C29H50O2	000059-02-9	90
2		1H-Purin-2-amine, 6-methoxy-	165	C6H7N5O	020535-83-5	50
3		Benzenamine, 2,3,4,5-tetrafluoro-	165	C6H3F4N	005580-80-3	49
4		3,6-Dimethyl-5-oxo-1,2,3,5-tetra...	165	C8H11N3O	058910-42-2	40
5		Furo[3,4-c]pyridine-3,4(1H,5H)-d...	165	C8H7N03	007472-18-6	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116533.D
Acq On : 25 Aug 2019 15:47
Operator : HP/JU
Sample : K4465-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

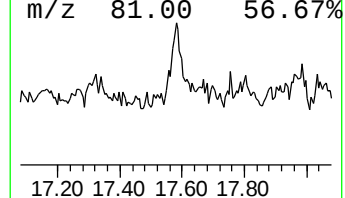
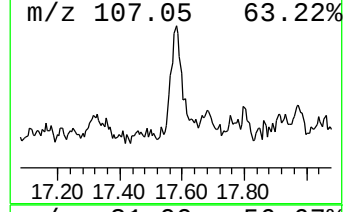
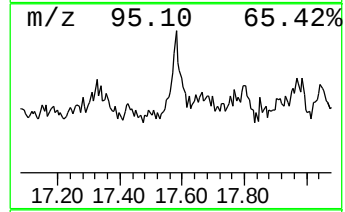
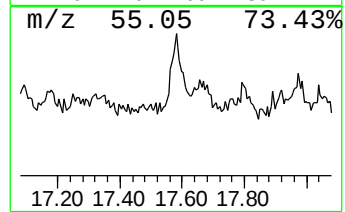
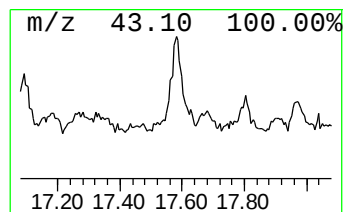
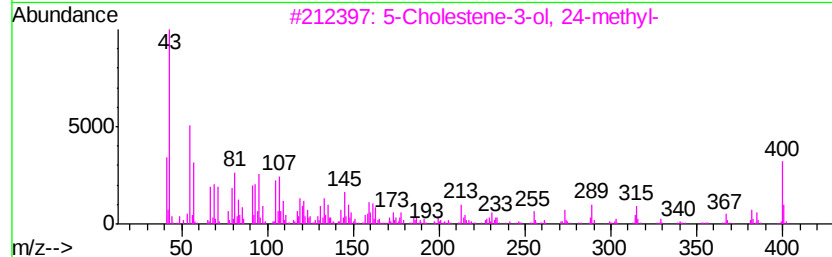
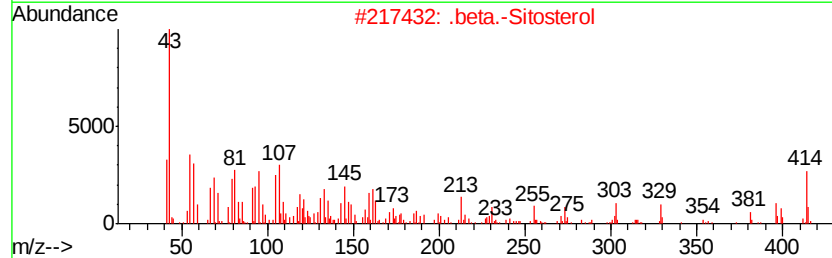
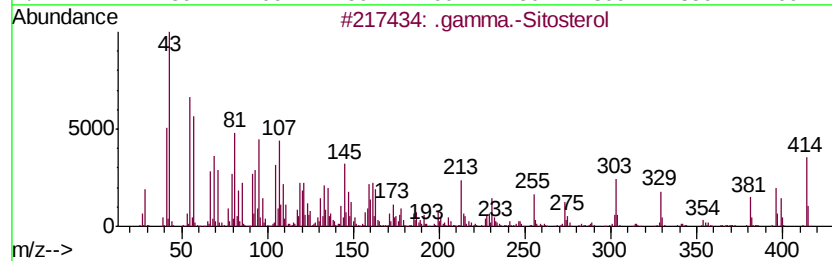
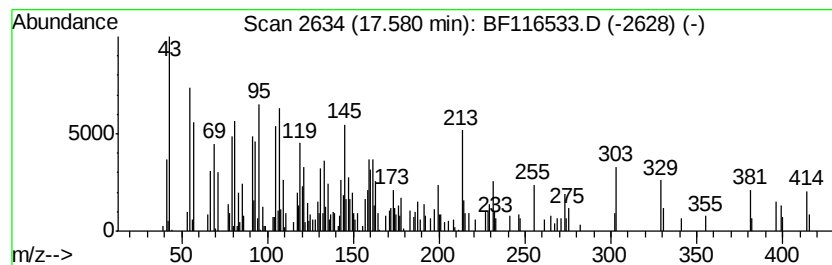
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-056

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 .gamma.-Sitosterol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	10.19 ng	307874	Perylene-d12	15.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 99
2		.beta.-Sitosterol	414 C29H50O	000083-46-5 99
3		5-Cholestene-3-ol, 24-methyl-	400 C28H48O	1000214-17-4 45
4		Campesterol	400 C28H48O	000474-62-4 43
5		Ergost-5-en-3-ol, (3.beta.)-	400 C28H48O	004651-51-8 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116533.D
Acq On : 25 Aug 2019 15:47
Operator : HP/JU
Sample : K4465-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-056

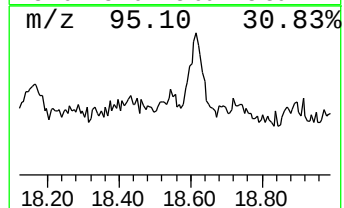
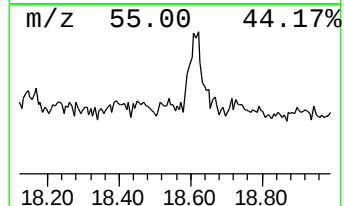
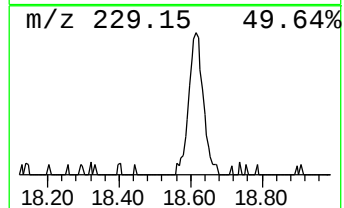
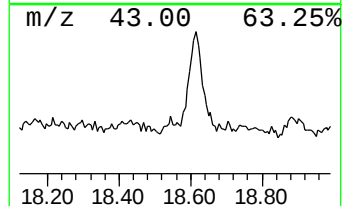
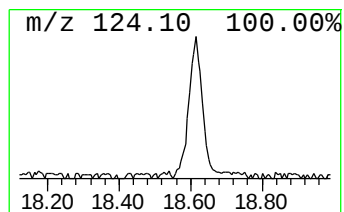
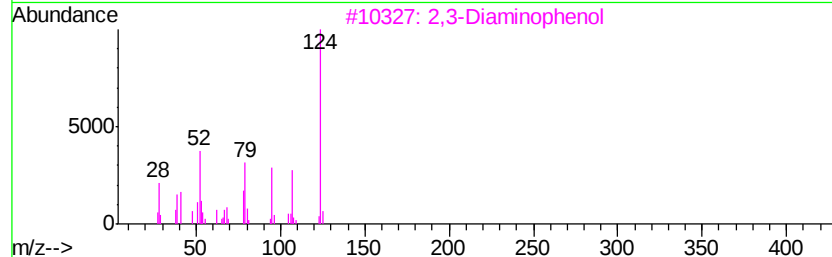
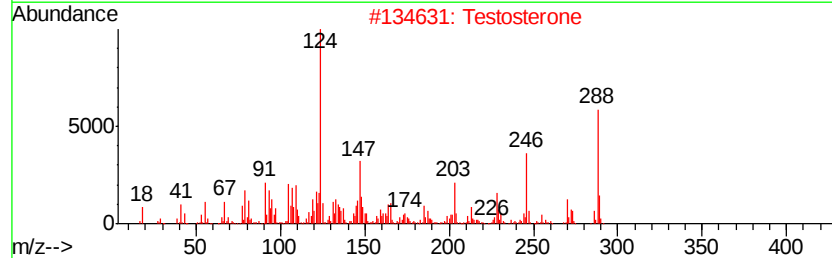
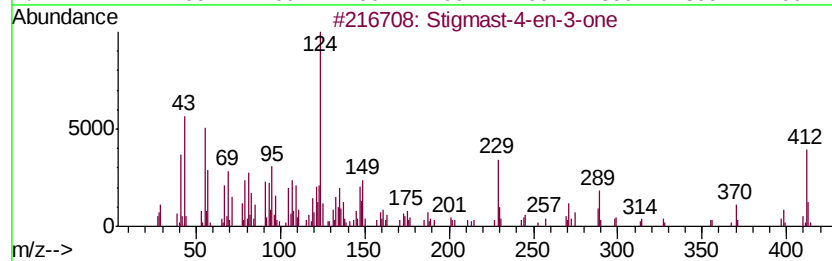
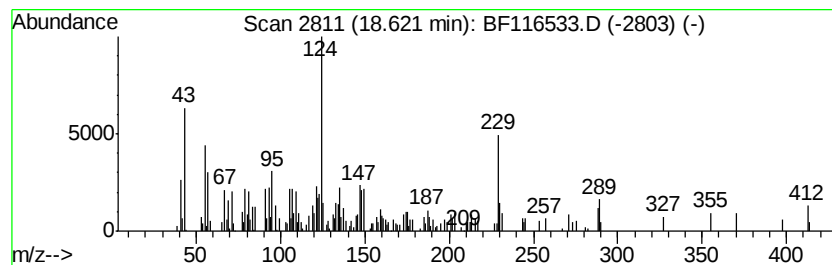
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Stigmast-4-en-3-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	10.14 ng	306241	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	93
2		Testosterone	288	C19H28O2	000058-22-0	43
3		2,3-Diaminophenol	124	C6H8N2O	059649-56-8	35
4		Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000481-30-1	35
5		Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082519\
 Data File : BF116533.D
 Acq On : 25 Aug 2019 15:47
 Operator : HP/JU
 Sample : K4465-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-056

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.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...	2.24	54.4	ng	2357420	1	6.88	867066	20.0
unknown6.65	6.65	61.3	ng	2658200	1	6.88	867066	20.0
Benzenesulfonamid...	10.81	24.8	ng	1229600	4	11.40	993013	20.0
n-Hexadecanoic acid	11.92	3.0	ng	148839	4	11.40	993013	20.0
unknown13.42	13.42	2.4	ng	80294	5	14.03	660212	20.0
n-Nonadecanol-1	13.87	7.3	ng	239508	5	14.03	660212	20.0
Sulfurous acid, o...	14.51	5.1	ng	168450	5	14.03	660212	20.0
Nonadecane, 9-met...	14.82	4.4	ng	132115	6	15.50	603994	20.0
2-methyloctacosane	15.16	7.4	ng	222711	6	15.50	603994	20.0
Octacosane	15.98	6.5	ng	196870	6	15.50	603994	20.0
unknown16.03	16.03	7.0	ng	212360	6	15.50	603994	20.0
Vitamin E	16.25	4.5	ng	134765	6	15.50	603994	20.0
.gamma.-Sitosterol	17.58	10.2	ng	307874	6	15.50	603994	20.0
Stigmast-4-en-3-one	18.62	10.1	ng	306241	6	15.50	603994	20.0