

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041703.D
 Acq On : 18 Jul 2019 00:50
 Operator : HP/JU
 Sample : K3835-26
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-9(5-7)

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_G\METHODS\8270-BG071519.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	3.194	13	18	33	rVB	358528	642330	9.78%	1.436%
2	5.609	421	429	445	rBV	1744894	2755204	41.97%	6.160%
3	7.196	691	699	713	rBV	1721379	3057226	46.57%	6.835%
4	7.578	755	764	771	rBV	1724557	2936186	44.72%	6.564%
5	7.630	771	773	781	rVB	41625	68587	1.04%	0.153%
6	8.048	836	844	853	rVB	339470	574394	8.75%	1.284%
7	8.371	891	899	911	rVB	1311172	2254116	34.33%	5.040%
8	9.199	1032	1040	1054	rBV	1020622	1830958	27.89%	4.093%
9	10.850	1314	1321	1329	rVB	433938	782278	11.92%	1.749%
10	13.294	1729	1737	1750	rBV	2556826	4005129	61.00%	8.954%
11	14.005	1852	1858	1865	rVV	948495	1379383	21.01%	3.084%
12	14.111	1867	1876	1889	rVB	420270	627596	9.56%	1.403%
13	14.634	1957	1965	1967	rBV	529501	766142	11.67%	1.713%
14	14.663	1967	1970	1978	rVB2	640610	1031792	15.72%	2.307%
15	14.928	2008	2015	2021	rVB	59999	90392	1.38%	0.202%
16	16.144	2214	2222	2234	rBV	2337565	3513416	53.51%	7.855%
17	17.401	2428	2436	2446	rBV2	945534	1480319	22.55%	3.310%
18	18.289	2582	2587	2597	rBV4	36832	77778	1.18%	0.174%
19	20.004	2873	2879	2885	rBV	4938186	6565389	100.00%	14.678%
20	21.121	3063	3069	3077	rVB	3390092	4324409	65.87%	9.668%
21	21.326	3098	3104	3125	rBV4	123485	510360	7.77%	1.141%
22	21.649	3152	3159	3168	rVB	1119528	1811756	27.60%	4.051%
23	21.873	3192	3197	3202	rVB	57152	83649	1.27%	0.187%
24	22.478	3295	3300	3307	rBV	114296	209482	3.19%	0.468%
25	23.177	3412	3419	3428	rBV	170660	333796	5.08%	0.746%
26	23.988	3550	3557	3566	rVB	194741	409037	6.23%	0.914%
27	24.840	3692	3702	3712	rBV2	676891	1892044	28.82%	4.230%
28	24.945	3713	3720	3728	rVB2	142878	357735	5.45%	0.800%
29	26.085	3906	3914	3927	rVB3	125290	357571	5.45%	0.799%

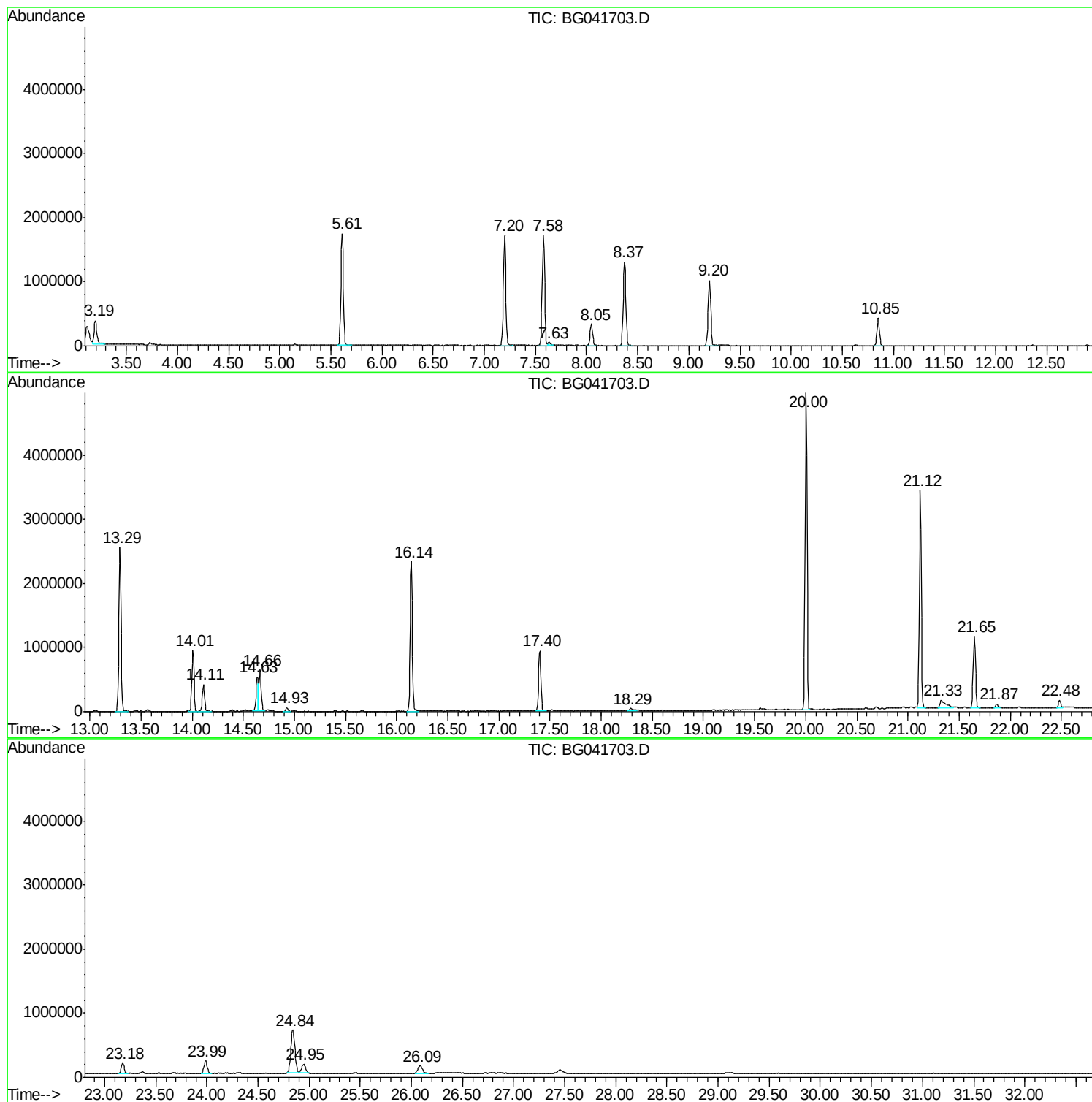
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ClientSampleId :
SB-9(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.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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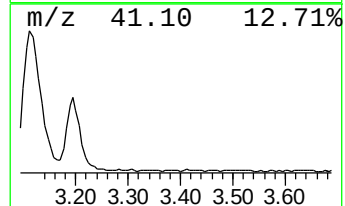
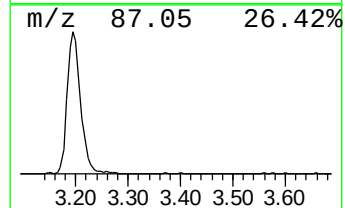
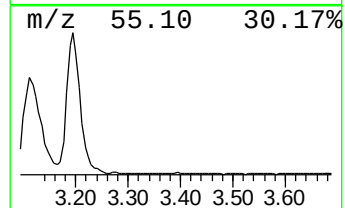
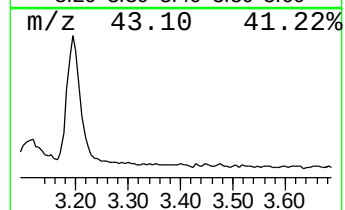
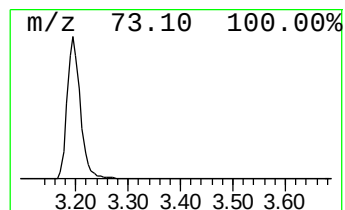
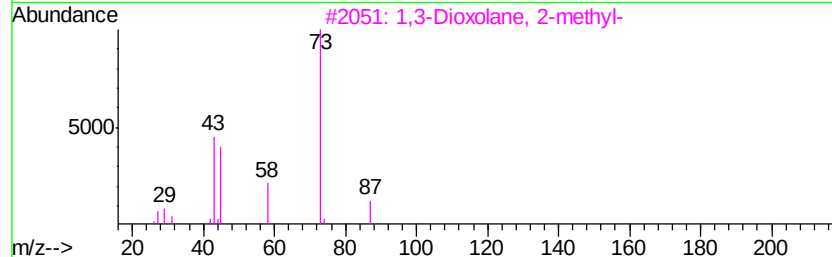
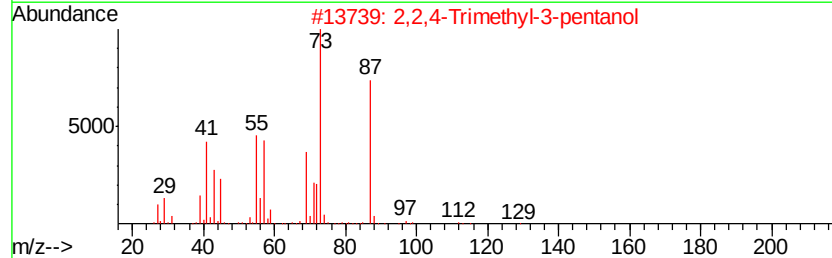
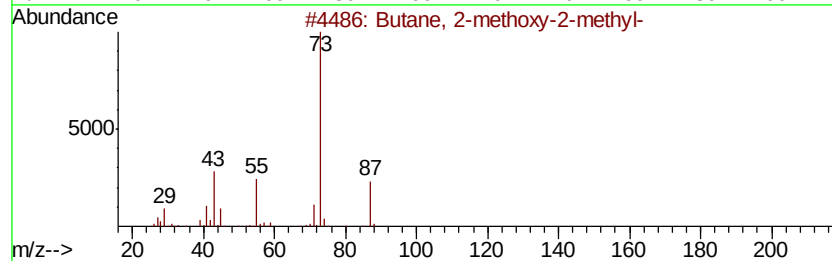
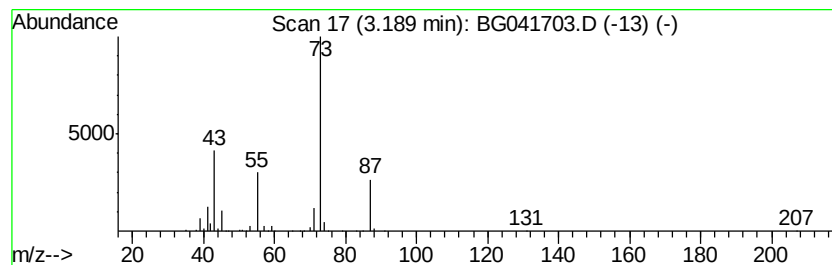
Instrument :
BNA_G
ClientSampleId :
SB-9(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.19	22.37 ng	642330	1,4-Dichlorobenzene-d4	8.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9



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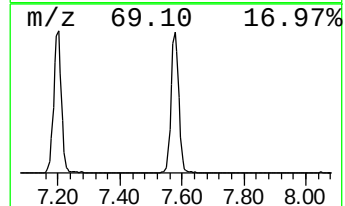
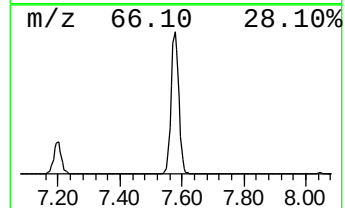
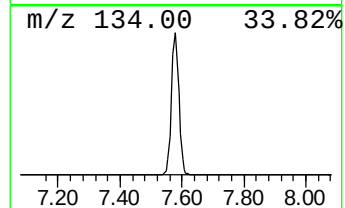
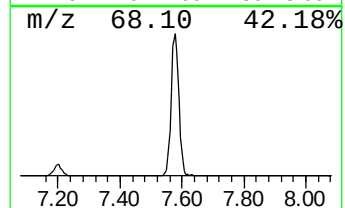
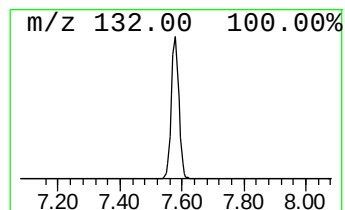
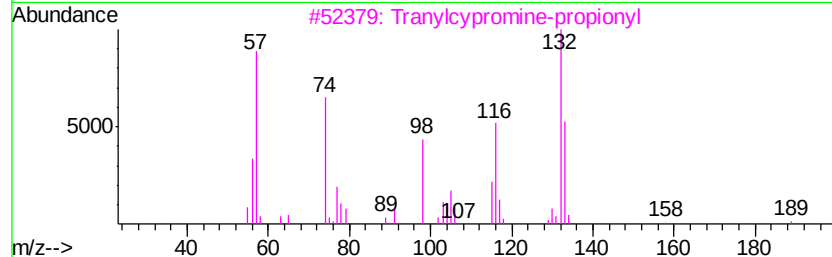
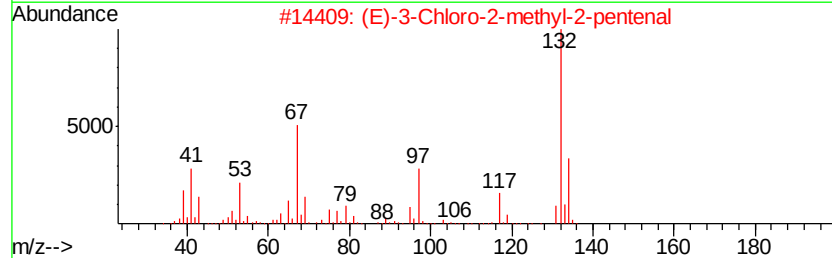
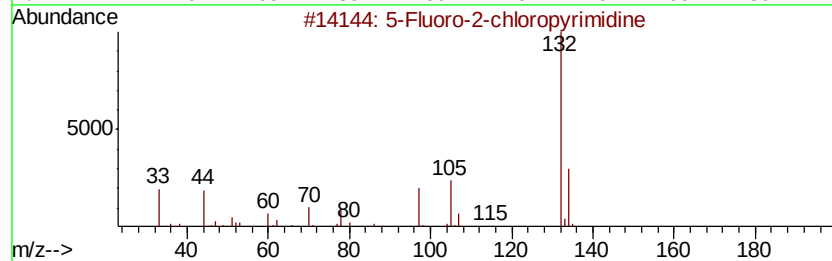
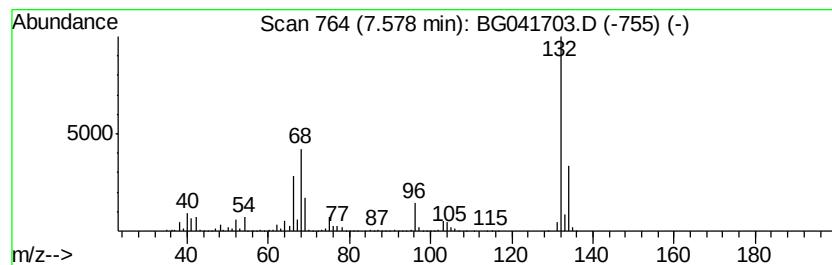
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	102.24 ng	2936190	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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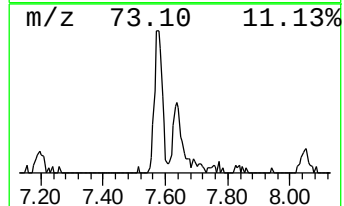
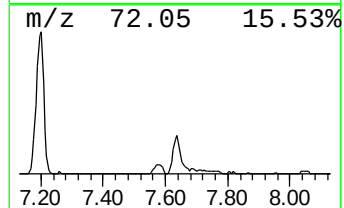
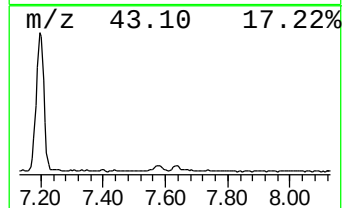
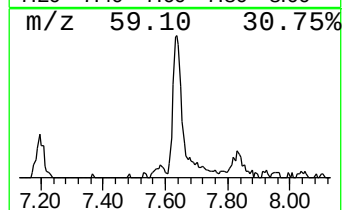
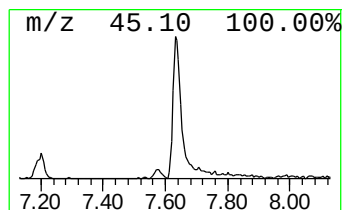
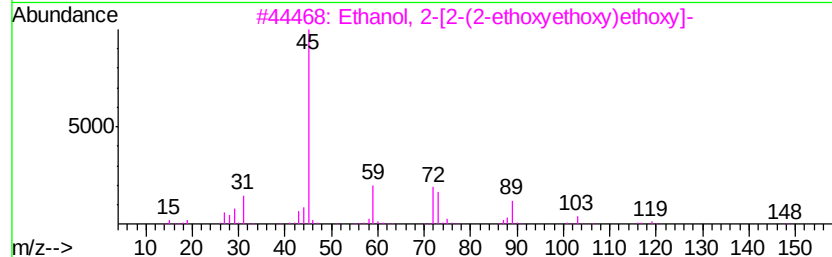
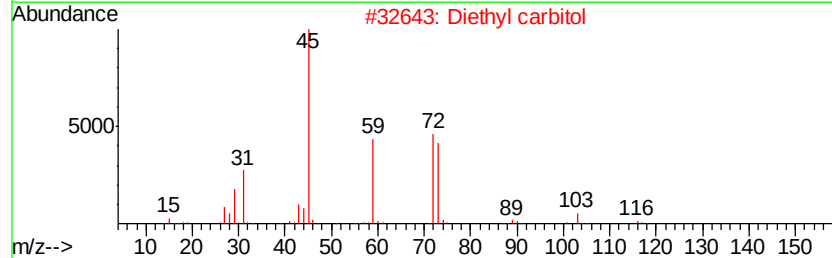
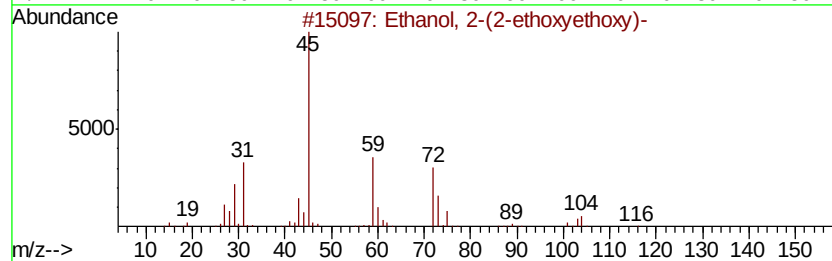
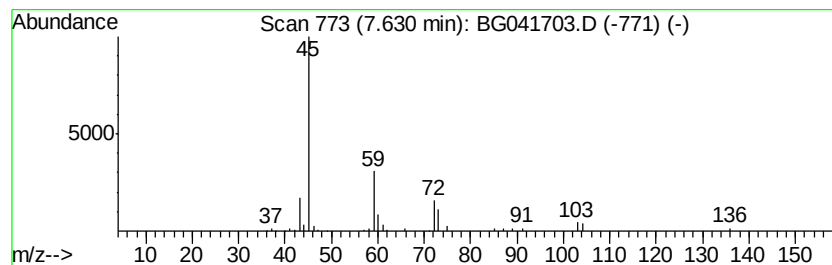
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	2.39 ng	68587	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxvethoxy)-	134	C6H14O3	000111-90-0	56
2		Diethyl carbitol	162	C8H18O3	000112-36-7	50
3		Ethanol, 2-[2-(2-ethoxvethoxy)et...	178	C8H18O4	000112-50-5	39
4		Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	38
5		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	38



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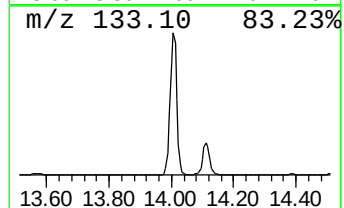
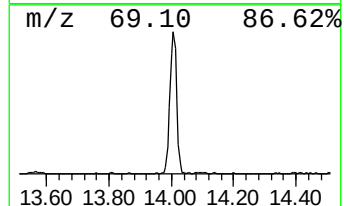
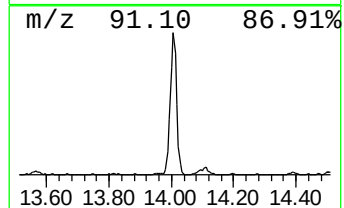
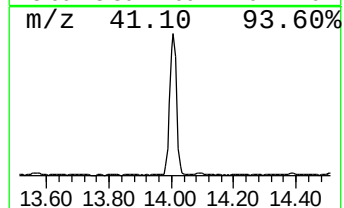
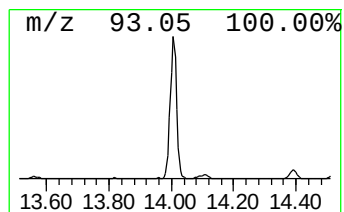
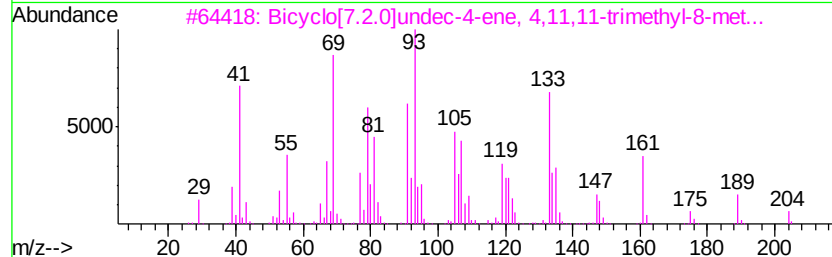
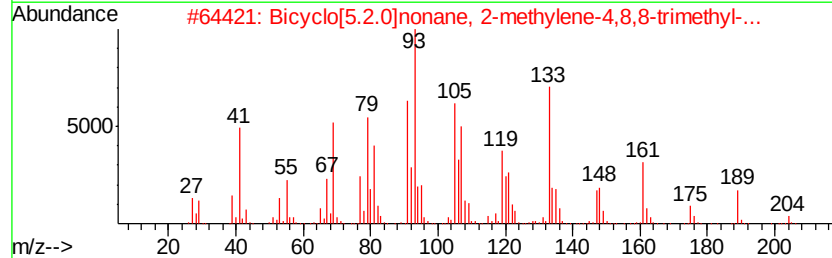
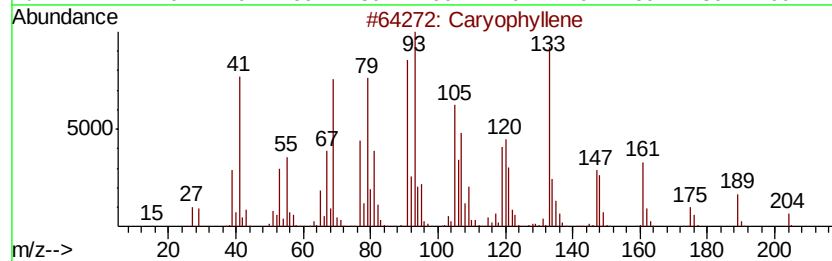
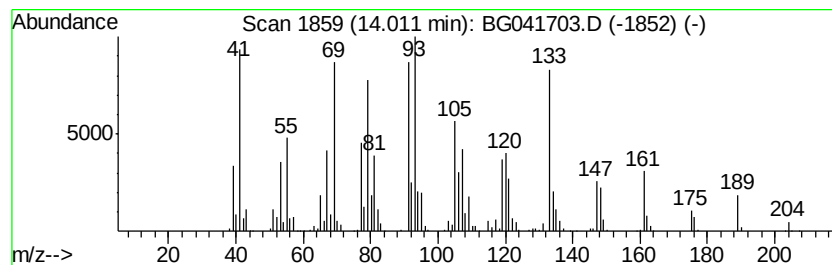
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Peak Number 5 Caryophyllene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.01	26.74 ng	1379380	Acenaphthene-d10	14.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carvophyllene	204	C15H24	000087-44-5	99
2	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	93
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	93
4	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	91
5	Isocaryophillene	204	C15H24	1000140-07-2	76



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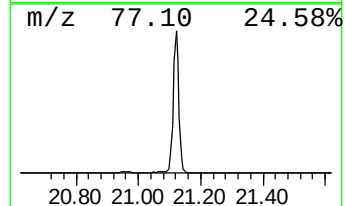
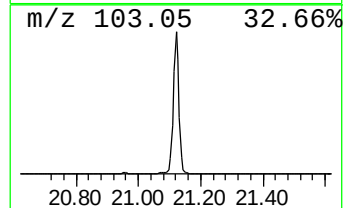
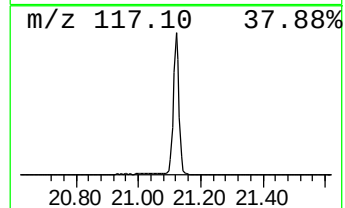
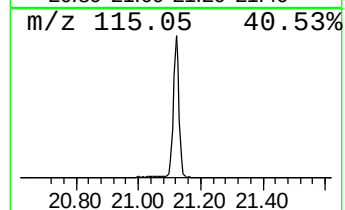
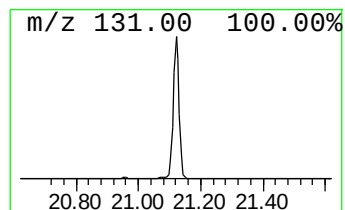
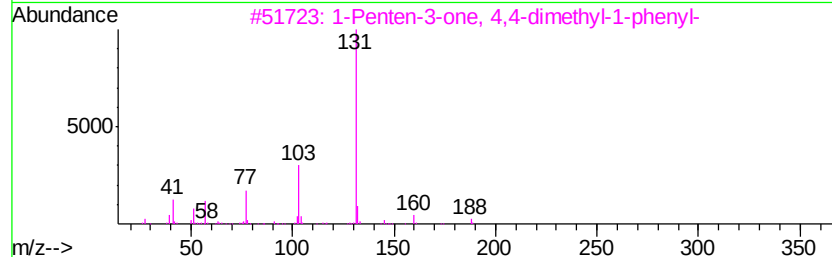
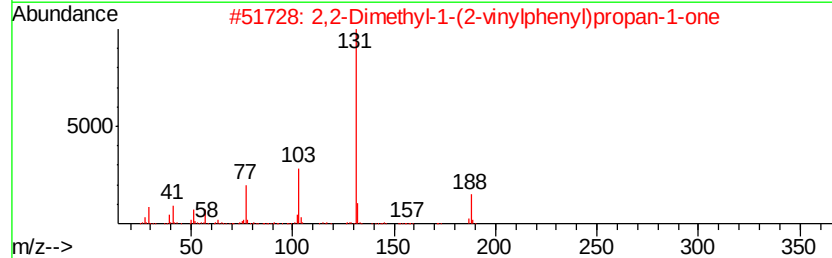
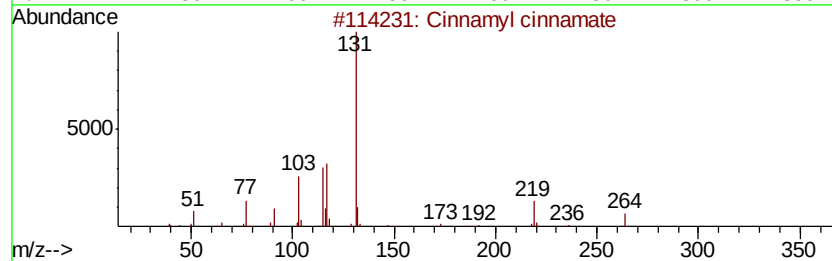
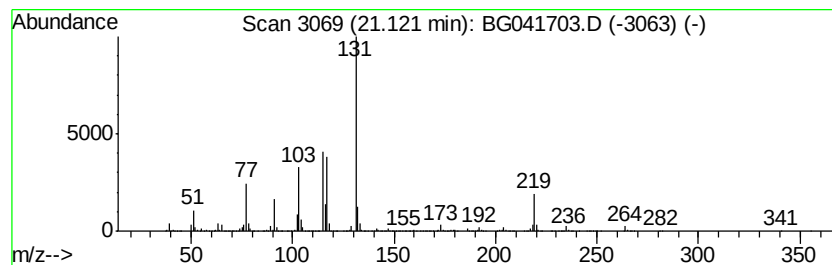
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cinnamyl cinnamate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	47.74 ng	4324410	Chrysene-d12	21.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	90
2		2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	46
3		1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	43
4		2-Propenoic acid, 3-phenyl-, met...	162	C10H10O2	001754-62-7	43
5		p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	43



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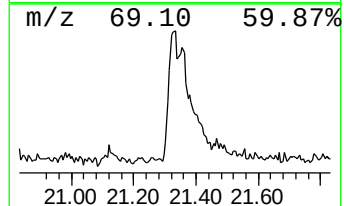
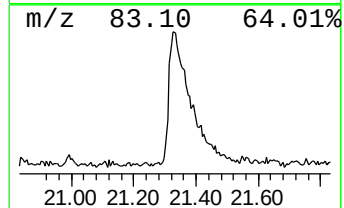
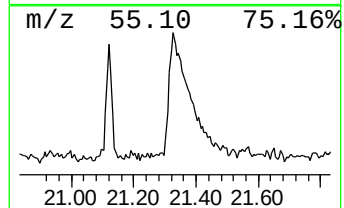
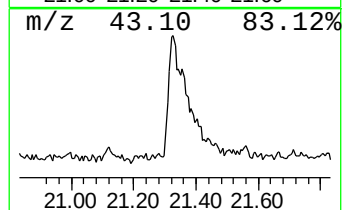
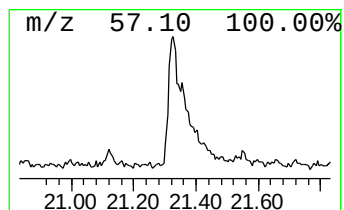
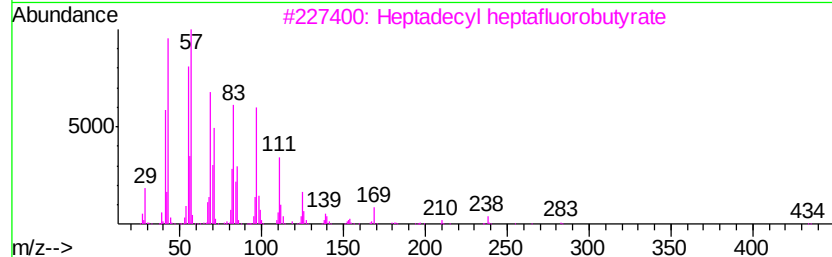
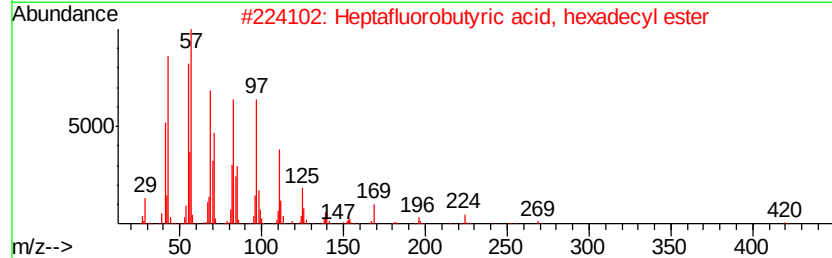
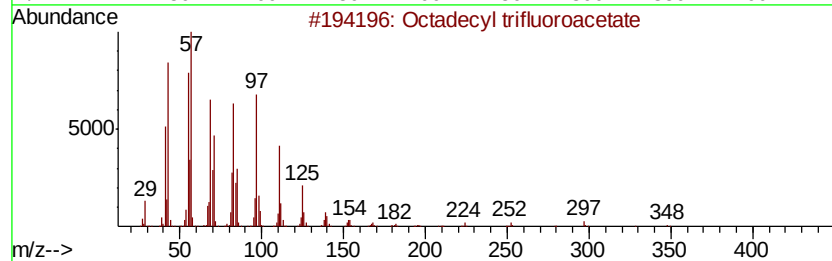
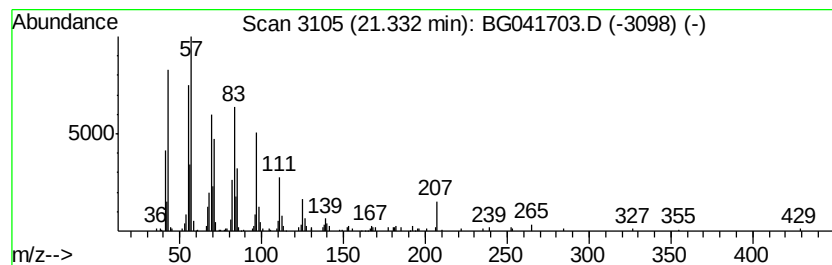
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ClientSampleId :
SB-9(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecyl trifluoroacetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.33	5.63 ng	510360	Chrysene-d12	21.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
2		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90
3		Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	90
4		Tetracosyl heptafluorobutyrat	550	C28H49F7O2	1000351-83-7	90
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041703.D
 Acq On : 18 Jul 2019 00:50
 Operator : HP/JU
 Sample : K3835-26
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

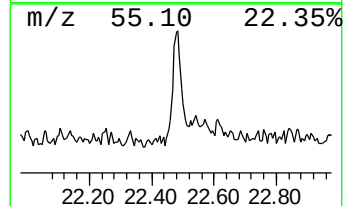
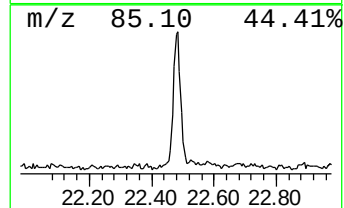
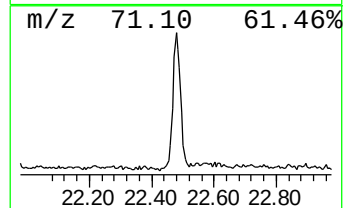
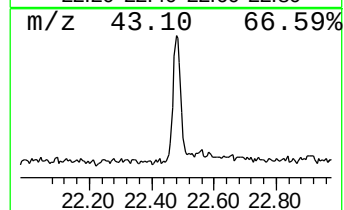
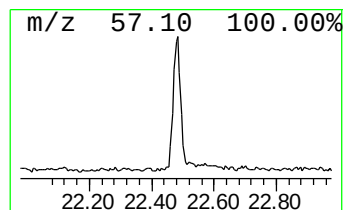
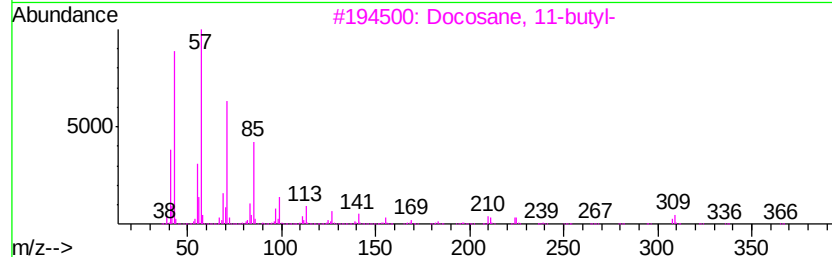
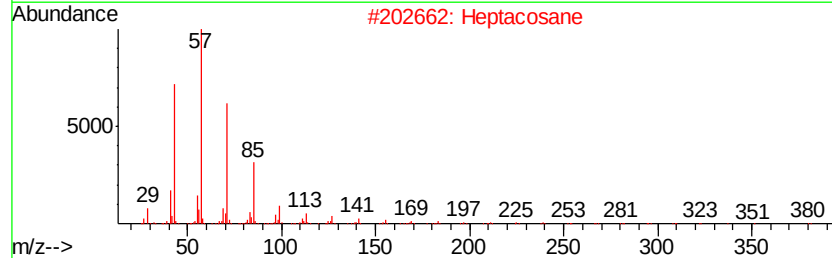
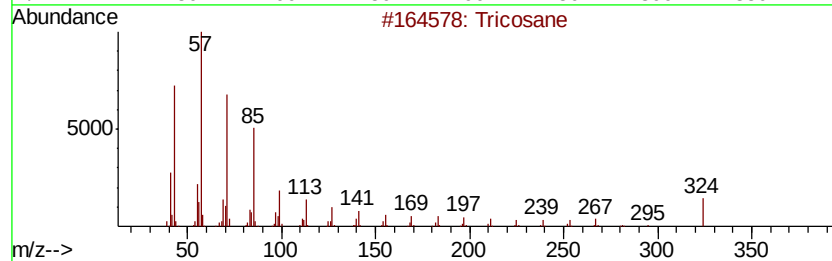
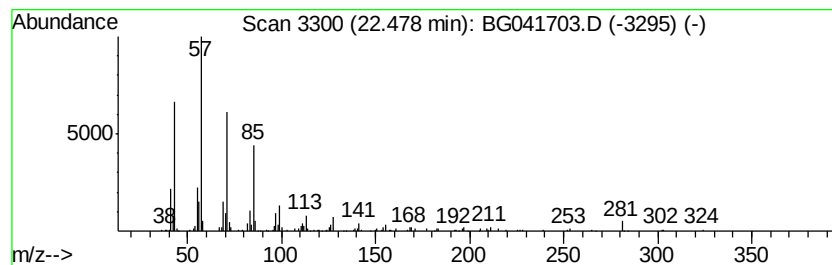
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Tricosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
22.48	2.31 ng	209482	Chrysene-d12		21.65
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041703.D
Acq On : 18 Jul 2019 00:50
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Sample : K3835-26
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-9(5-7)

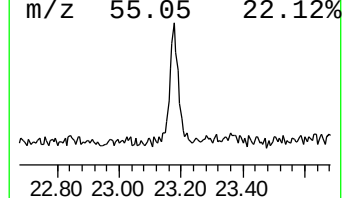
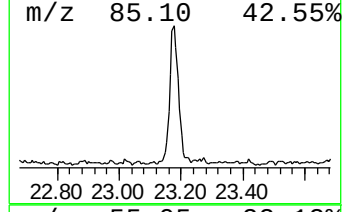
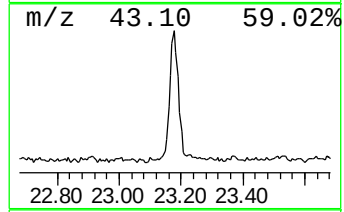
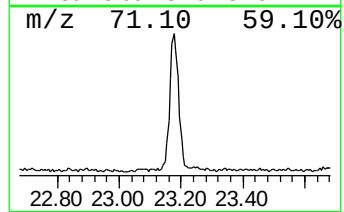
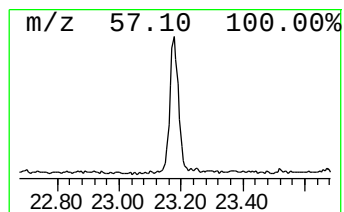
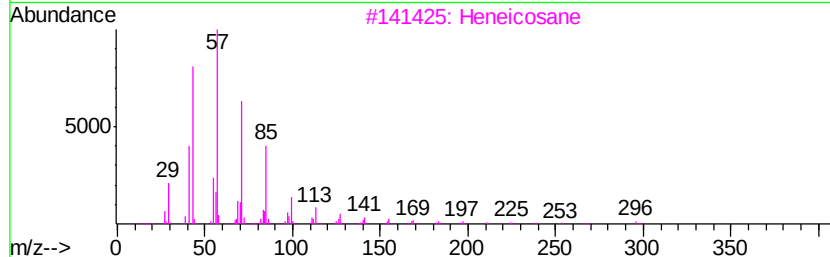
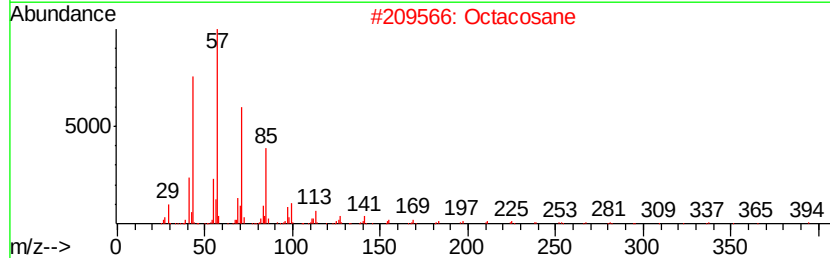
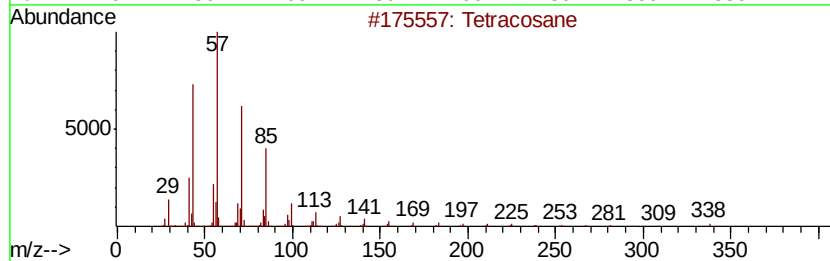
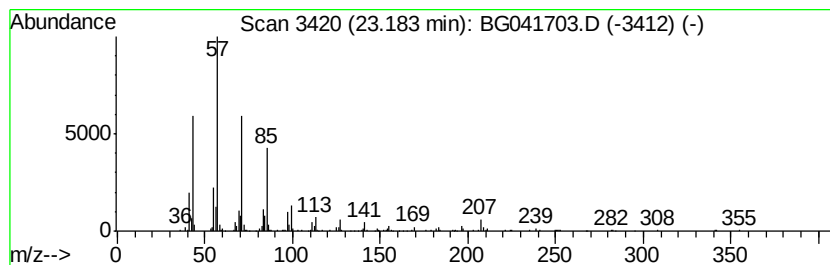
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	3.68 ng	333796	Chrysene-d12	21.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
 Data File : BG041703.D
 Acq On : 18 Jul 2019 00:50
 Operator : HP/JU
 Sample : K3835-26
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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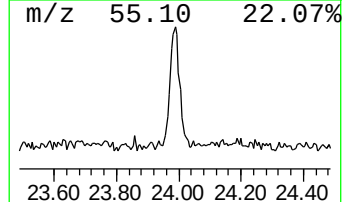
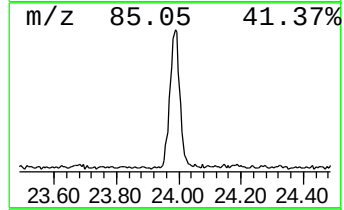
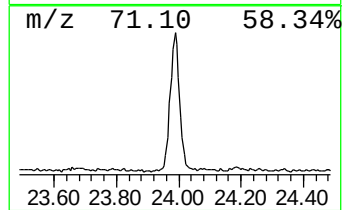
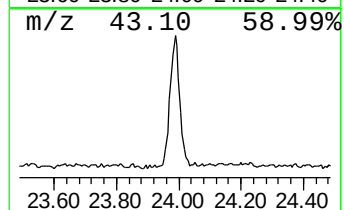
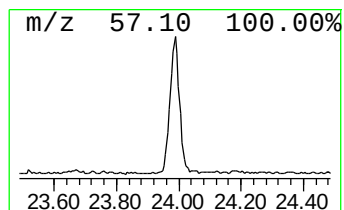
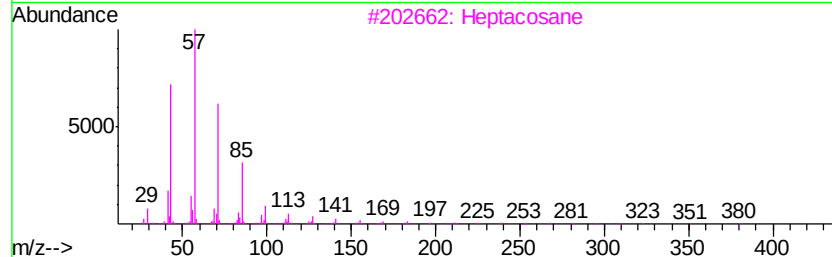
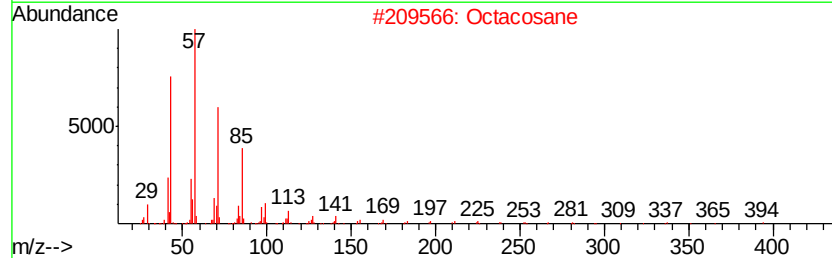
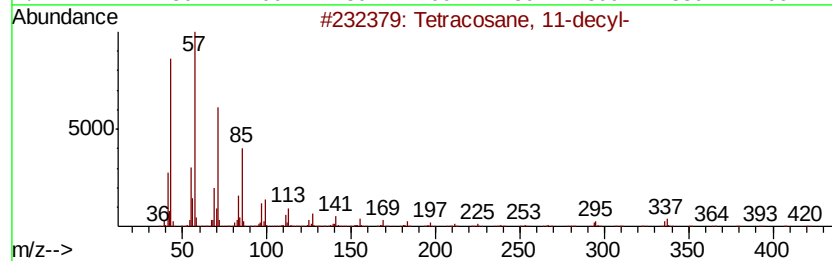
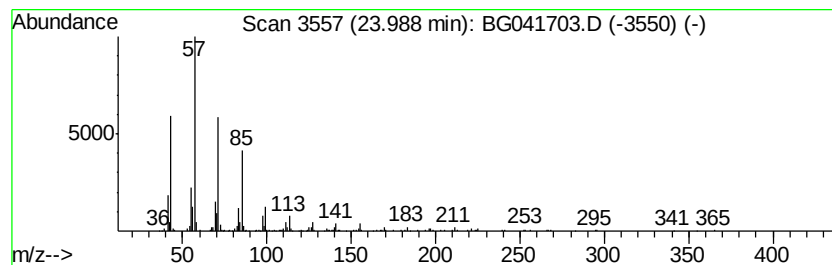
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Tetracosane, 11-decyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	4.32 ng	409037	Perylene-d12	24.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Hexadecane	226	C16H34	000544-76-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041703.D
Acq On : 18 Jul 2019 00:50
Operator : HP/JU
Sample : K3835-26
Misc :
ALS Vial : 13 Sample Multiplier: 1

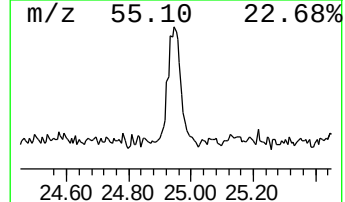
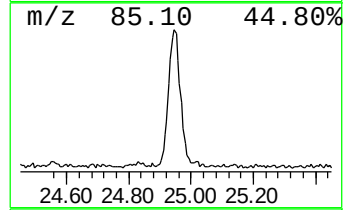
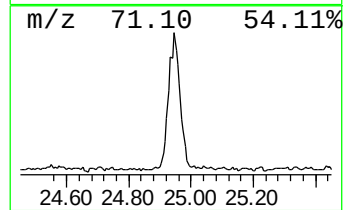
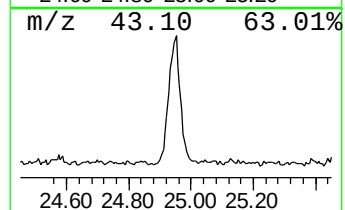
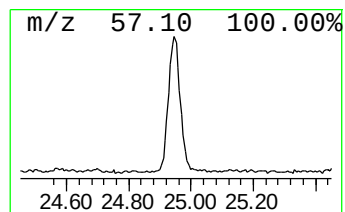
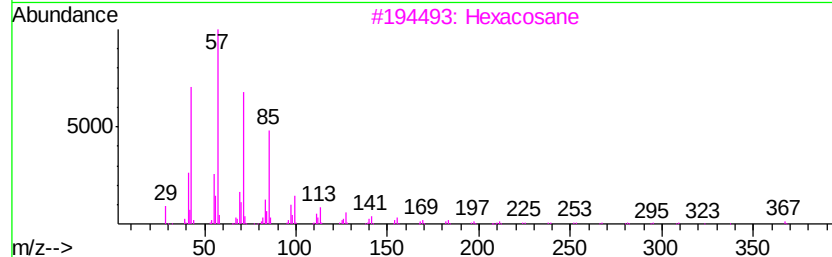
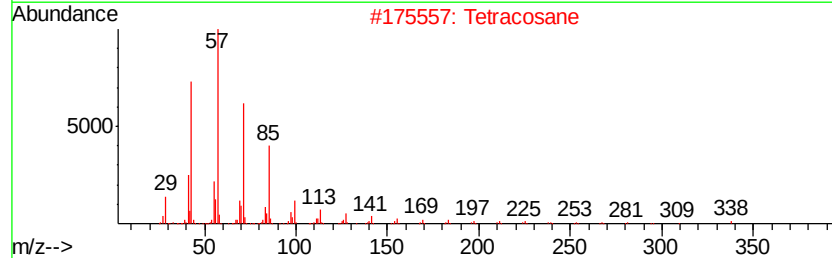
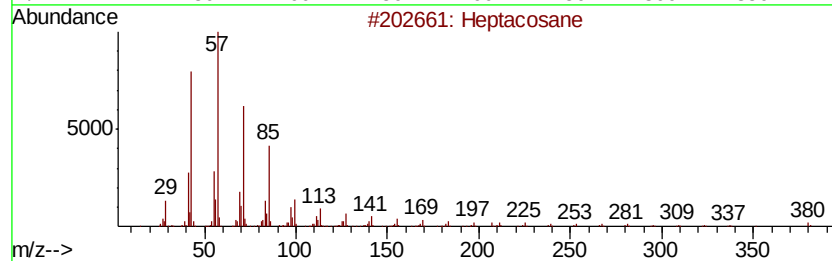
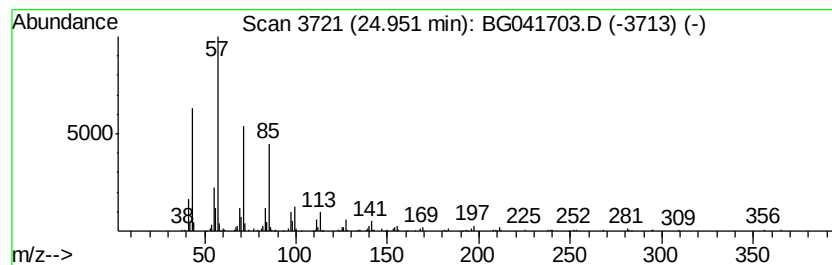
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	3.78 ng	357735	Perylene-d12	24.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	91
2	Tetracosane	338 C24H50	000646-31-1	91
3	Hexacosane	366 C26H54	000630-01-3	91
4	Tetratetracontane	619 C44H90	007098-22-8	91
5	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041703.D
Acq On : 18 Jul 2019 00:50
Operator : HP/JU
Sample : K3835-26
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-9(5-7)

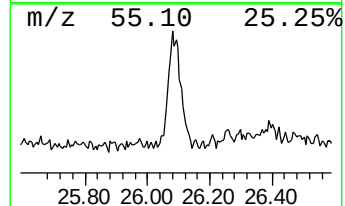
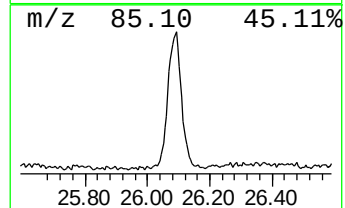
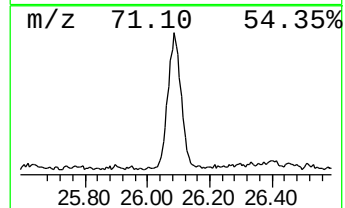
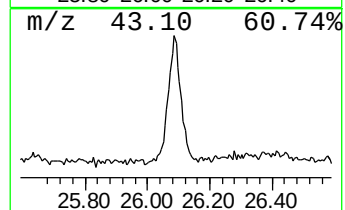
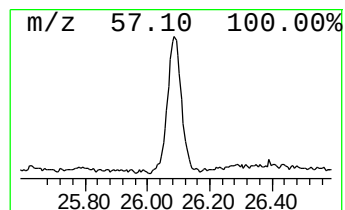
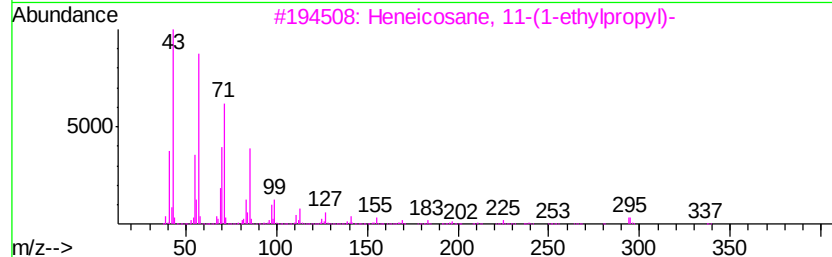
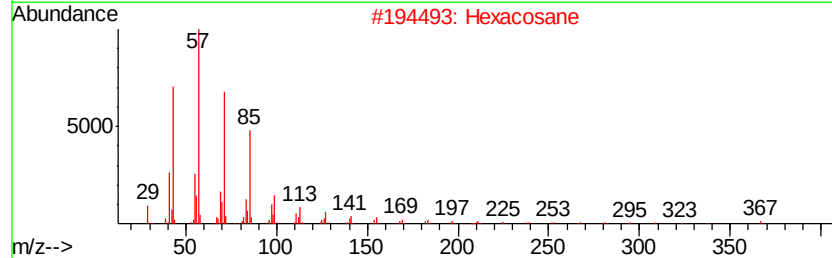
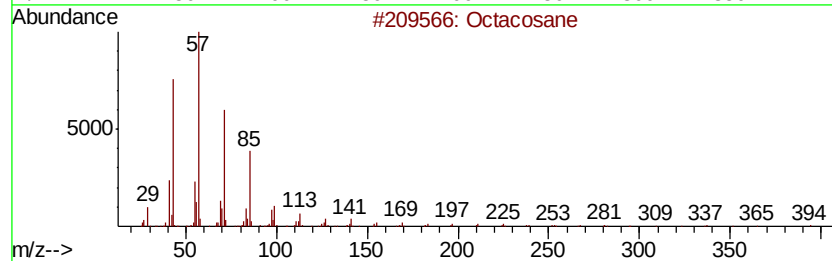
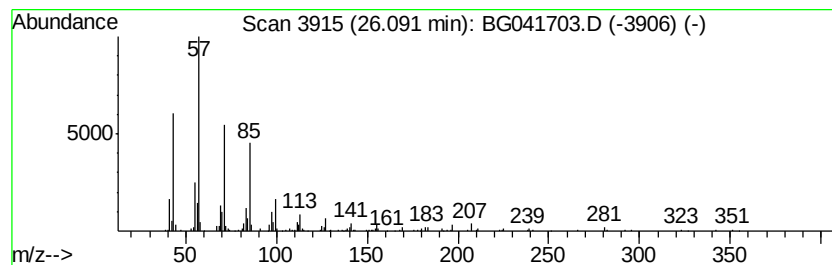
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.09	3.78 ng	357571	Perylene-d12	24.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Hexacosane	366	C26H54	000630-01-3	87
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
4		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86
5		Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071719\
Data File : BG041703.D
Acq On : 18 Jul 2019 00:50
Operator : HP/JU
Sample : K3835-26
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-9(5-7)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.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
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unknown7.58	7.58	102.2	ng	2936190	1	8.05	574394	20.0
Ethanol, 2-(2-eth...	7.63	2.4	ng	68587	1	8.05	574394	20.0
Caryophyllene	14.01	26.7	ng	1379380	3	14.66	1031790	20.0
Cinnamyl cinnamate	21.12	47.7	ng	4324410	5	21.65	1811760	20.0
Octadecyl trifluo...	21.33	5.6	ng	510360	5	21.65	1811760	20.0
Tricosane	22.48	2.3	ng	209482	5	21.65	1811760	20.0
Tetracosane	23.18	3.7	ng	333796	5	21.65	1811760	20.0
Tetracosane, 11-d...	23.99	4.3	ng	409037	6	24.84	1892040	20.0
Heptacosane	24.95	3.8	ng	357735	6	24.84	1892040	20.0
Octacosane	26.09	3.8	ng	357571	6	24.84	1892040	20.0