

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040712.D
 Acq On : 2 May 2019 18:22
 Operator : JU/SJ
 Sample : K2621-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A5327

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-BG042319.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	3.158	7	12	21	rBV	332974	600832	10.39%	2.273%
2	3.234	21	25	42	rVB	115297	197722	3.42%	0.748%
3	5.678	433	441	451	rVB	601970	979608	16.95%	3.705%
4	7.282	706	714	724	rBV	435621	736483	12.74%	2.786%
5	7.670	772	780	787	rBV	1088729	1806414	31.25%	6.833%
6	8.146	853	861	871	rBV	183737	311487	5.39%	1.178%
7	8.469	909	916	928	rVB	815516	1405159	24.31%	5.315%
8	9.321	1053	1061	1070	rBV	795737	1438686	24.89%	5.442%
9	10.972	1334	1342	1351	rBV	240326	433002	7.49%	1.638%
10	13.399	1744	1755	1762	rBV	2096714	3181456	55.03%	12.034%
11	14.109	1868	1876	1889	rBV	171865	408649	7.07%	1.546%
12	14.773	1979	1989	1998	rBV2	412004	693186	11.99%	2.622%
13	16.260	2235	2242	2253	rBV	2174453	3287415	56.87%	12.434%
14	17.517	2450	2456	2466	rVB2	612178	952578	16.48%	3.603%
15	18.163	2560	2566	2572	rBV6	75632	111292	1.93%	0.421%
16	18.375	2597	2602	2612	rBV2	346339	499907	8.65%	1.891%
17	18.592	2634	2639	2648	rBV	166182	242965	4.20%	0.919%
18	19.497	2788	2793	2796	rBV6	46983	79365	1.37%	0.300%
19	19.638	2813	2817	2831	rBV2	278804	397013	6.87%	1.502%
20	20.114	2892	2898	2904	rBV	4397676	5780796	100.00%	21.865%
21	21.401	3114	3117	3122	rVB3	78118	116569	2.02%	0.441%
22	21.800	3179	3185	3192	rVB	638459	1068336	18.48%	4.041%
23	22.594	3316	3320	3325	rVB4	48029	76700	1.33%	0.290%
24	23.310	3438	3442	3450	rVB2	81856	149535	2.59%	0.566%
25	24.151	3579	3585	3591	rVB2	77861	162258	2.81%	0.614%
26	25.155	3747	3756	3768	rVB2	382238	1169191	20.23%	4.422%
27	26.325	3949	3955	3965	rVB5	53173	151610	2.62%	0.573%

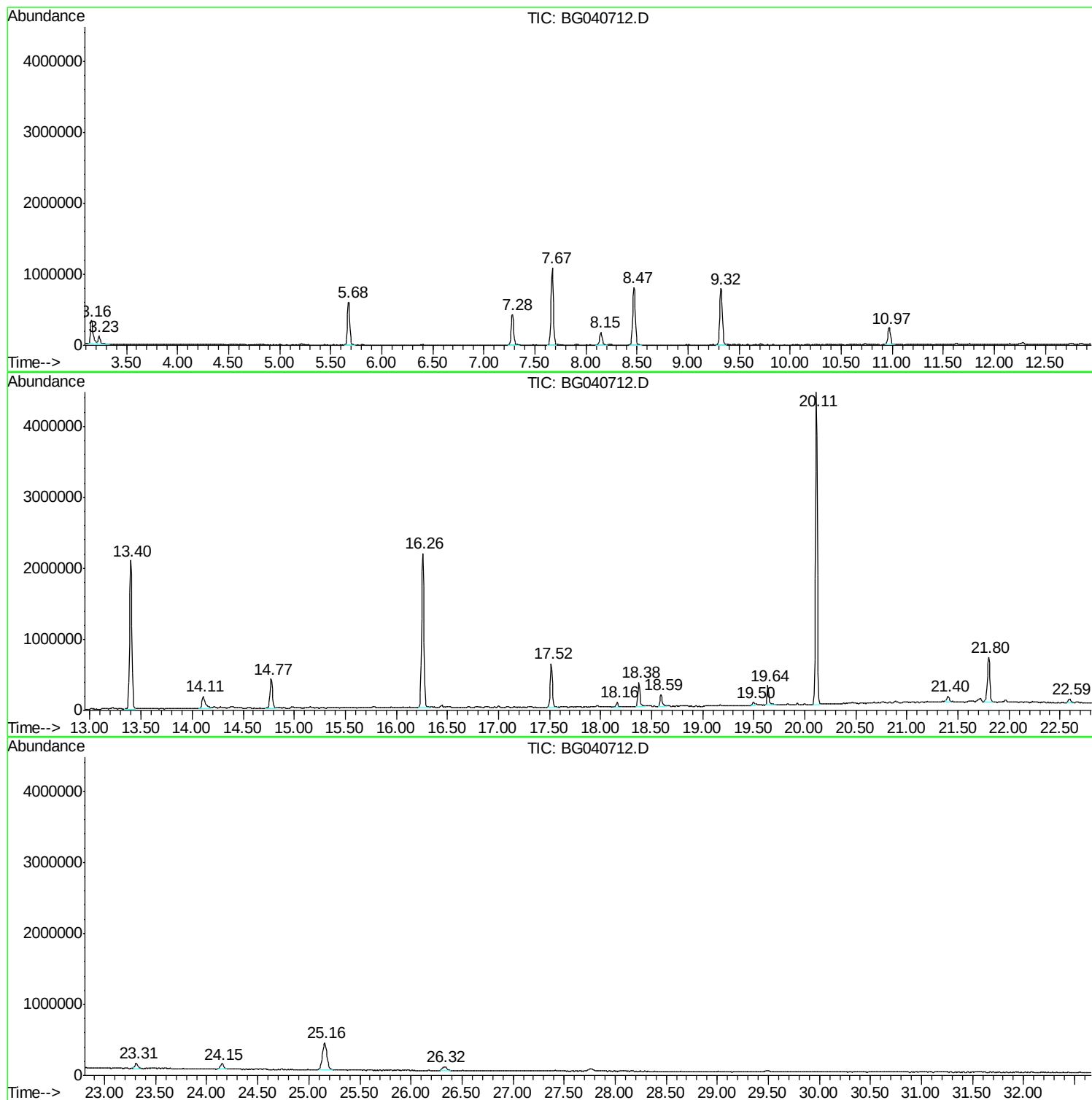
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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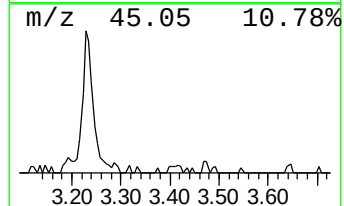
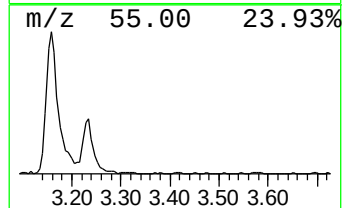
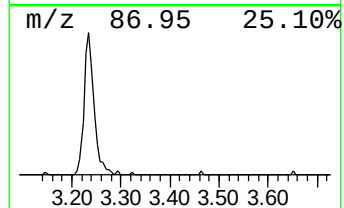
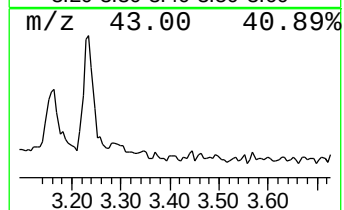
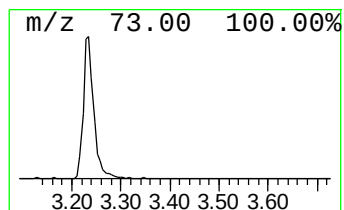
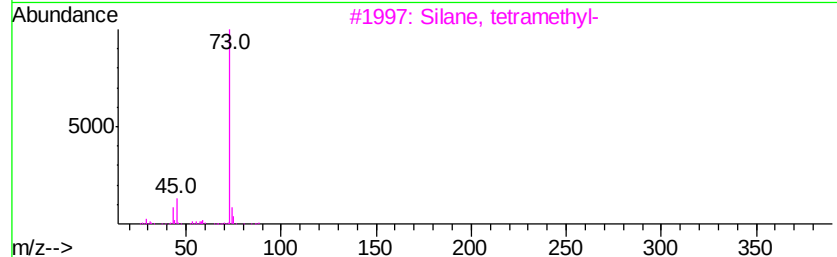
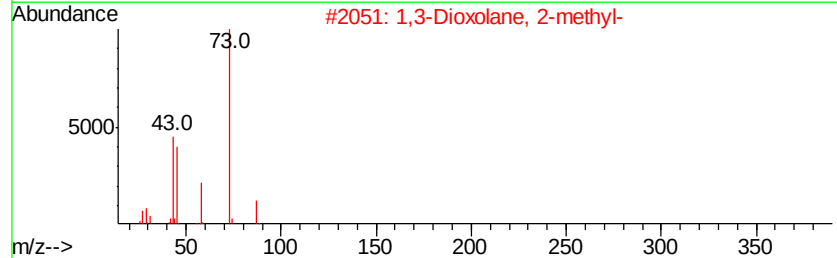
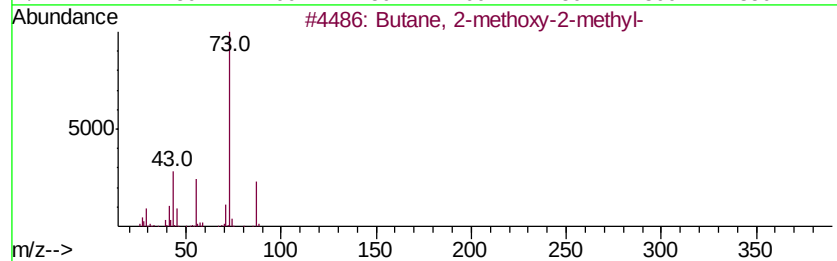
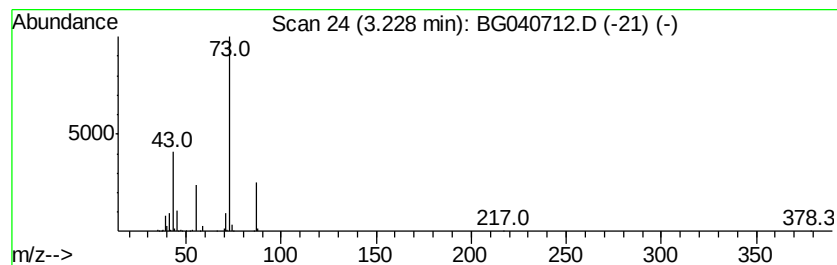
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	12.70 ng	197722	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Butanoic acid, 2-hydroxy-3-methy...	146	C7H14O3	002441-06-7	9



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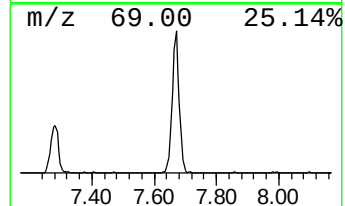
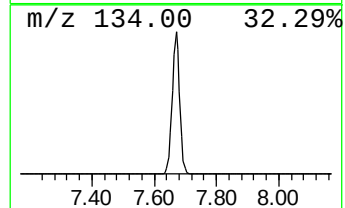
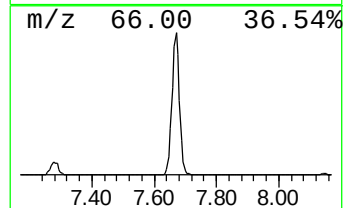
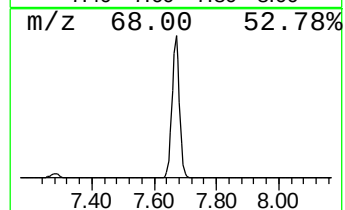
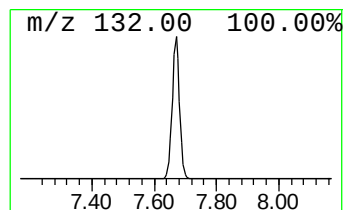
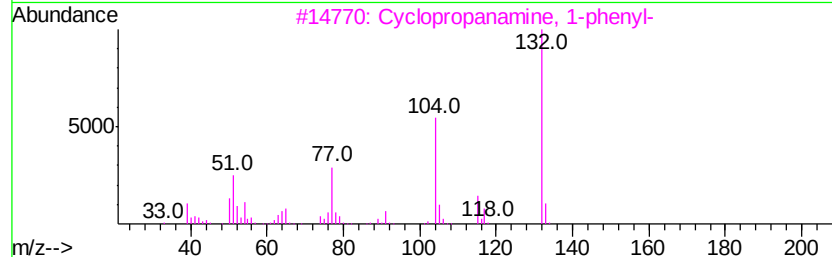
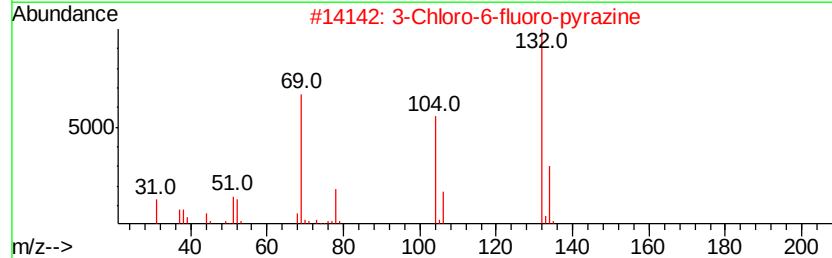
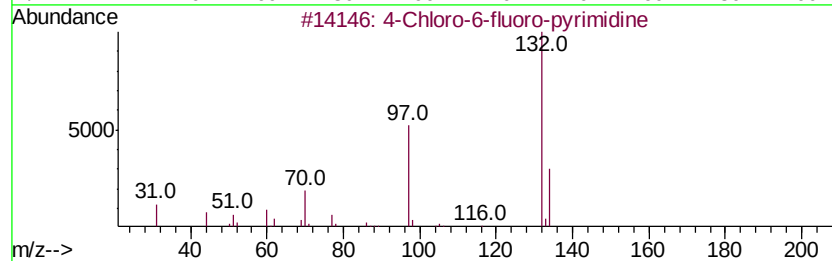
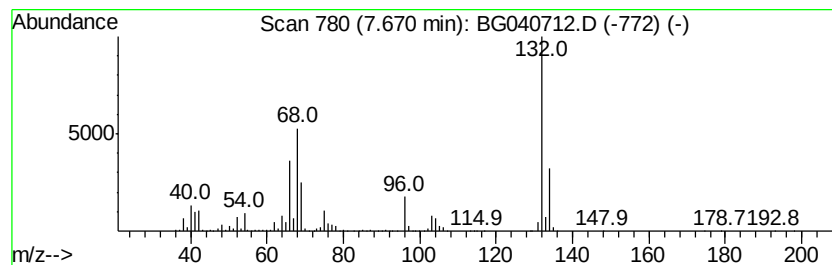
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Peak Number 3 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	115.99 ng	1806410	1,4-Dichlorobenzene-d4	8.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14
4		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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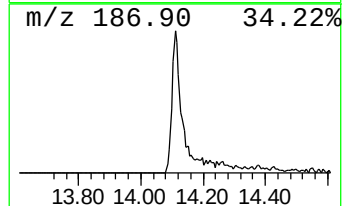
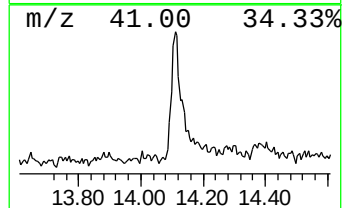
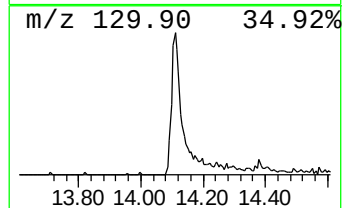
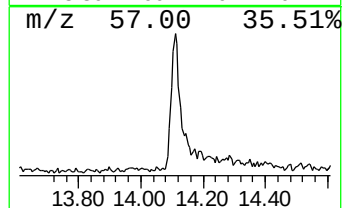
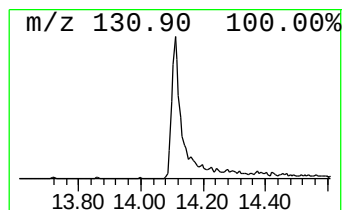
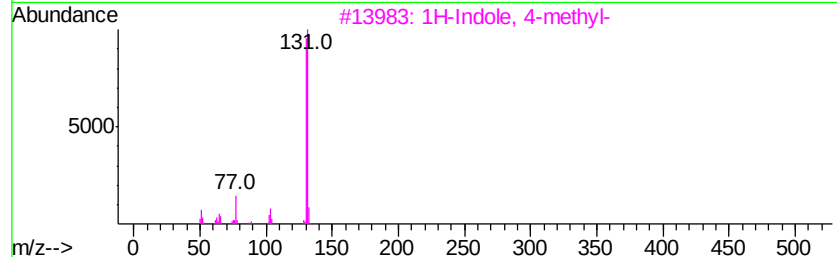
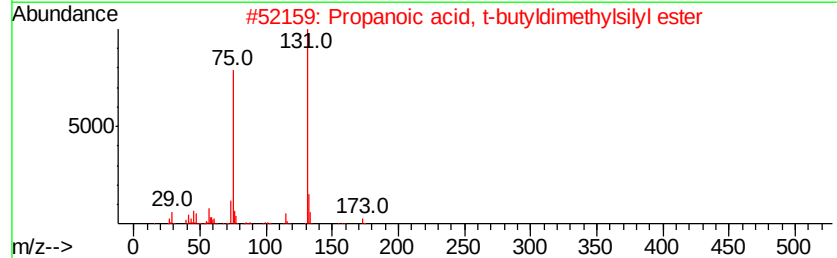
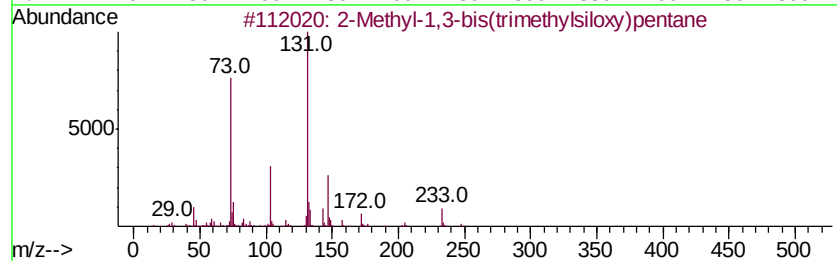
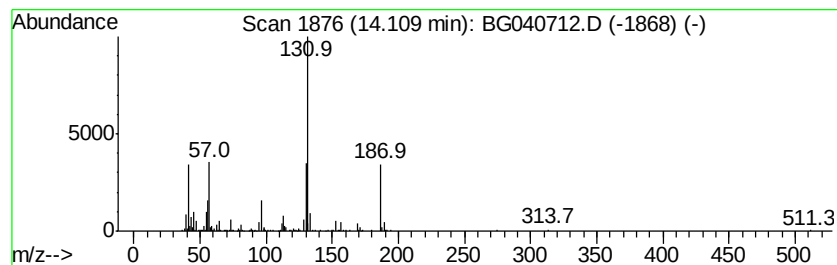
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Peak Number 5 unknown14.11 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.11	11.79 ng	408649	Acenaphthene-d10	14.77	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1,3-bis(trimethylsiloxy)...	262	C12H30O2Si2	122424-36-6	25
2	Propanoic acid, t-butylldimethyls...	188	C9H20O2Si	111864-20-1	23
3	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	9
4	.beta.-Eudesmol, trimethylsilyl ...	294	C18H34OSi	1000334-00-1	9
5	Tributyl(ethoxy) silane	244	C14H32OSi	004782-00-7	9



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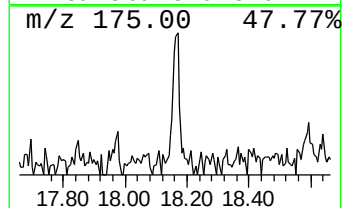
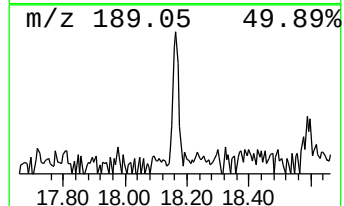
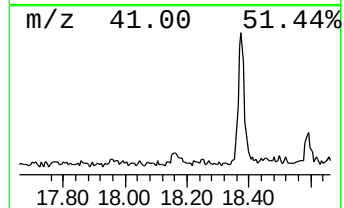
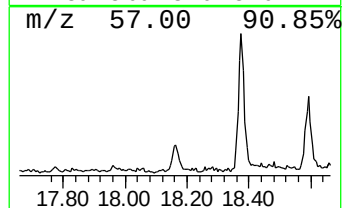
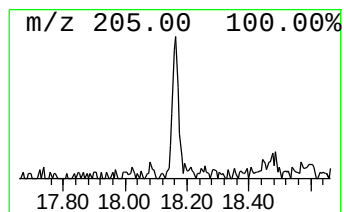
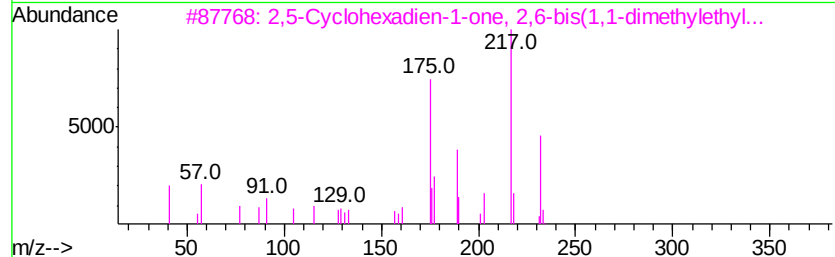
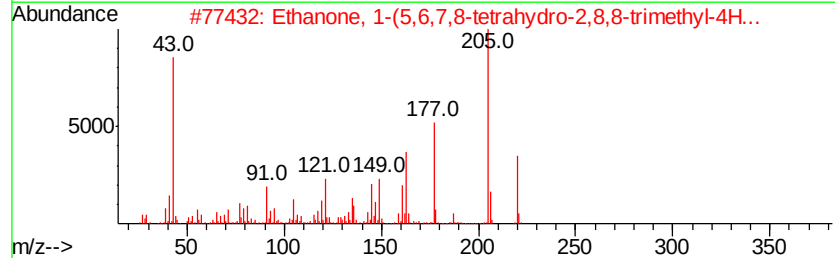
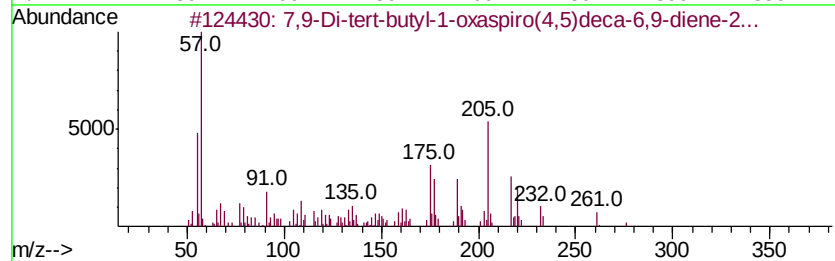
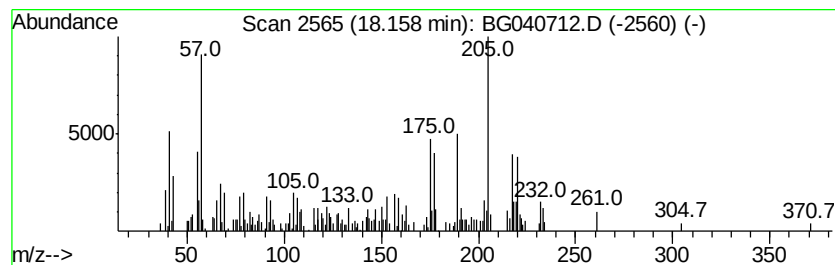
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Peak Number 6 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.16	2.34 ng	111292	Phenanthrene-d10	17.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	86
2	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	47
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	41
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	35
5	4-Isopropylphenol, trifluoroacetate	232	C11H11F3O2	1000365-67-8	25



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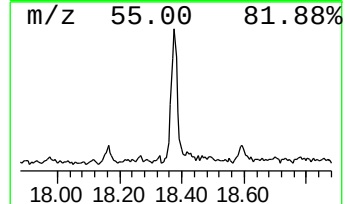
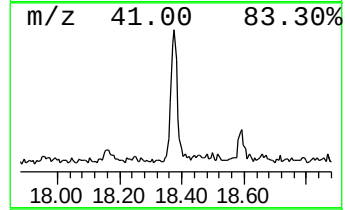
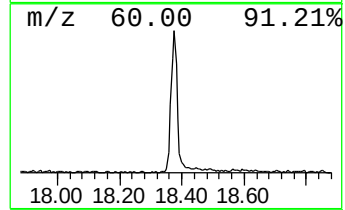
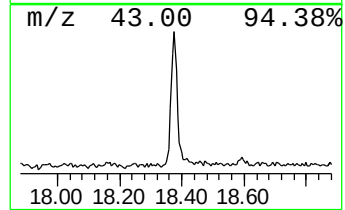
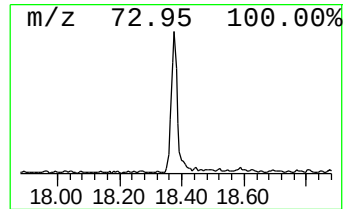
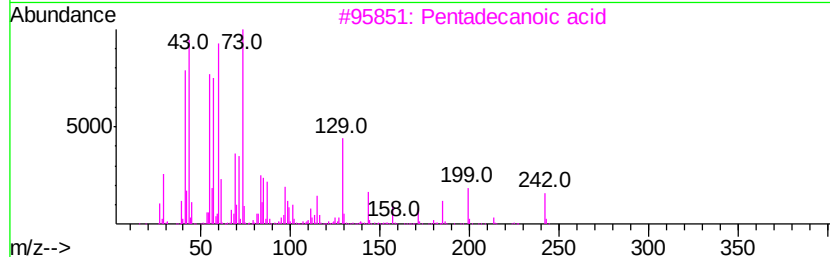
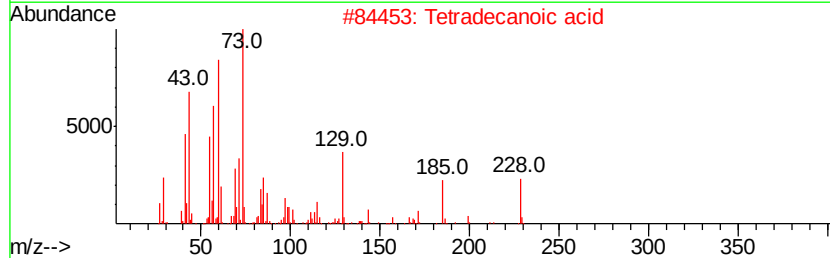
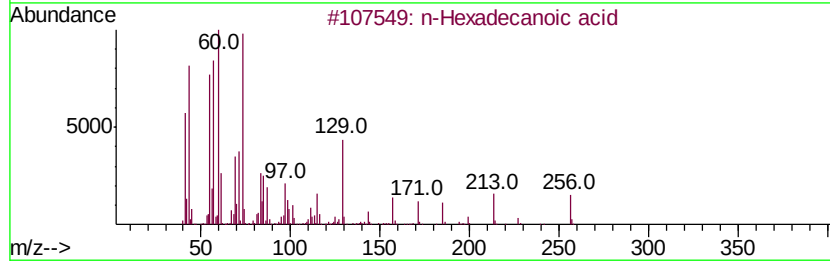
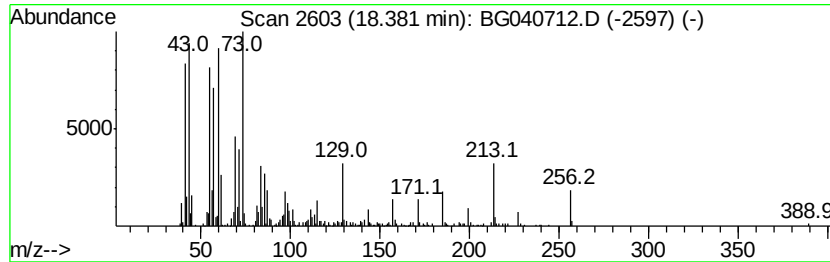
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Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	10.50 ng	499907	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58



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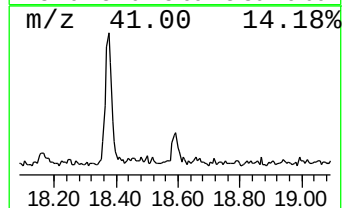
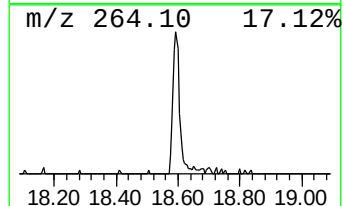
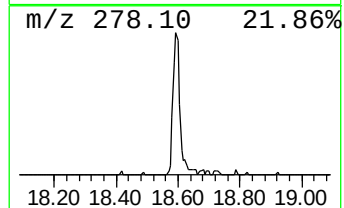
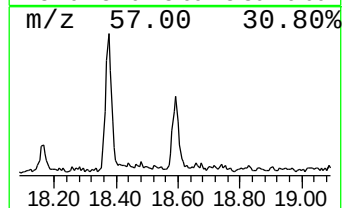
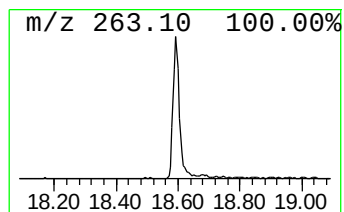
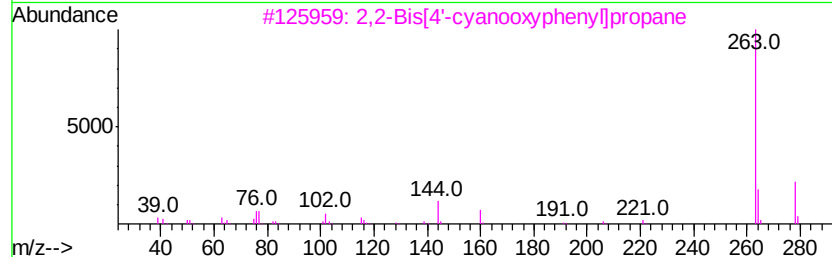
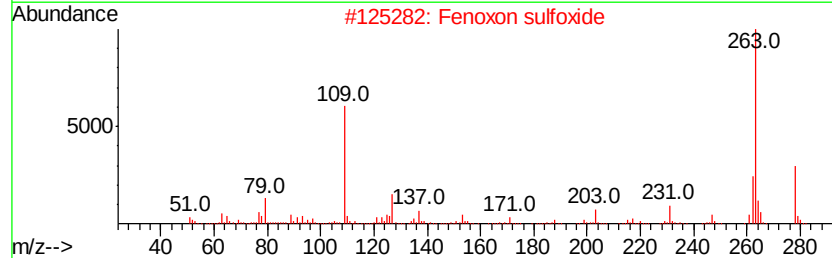
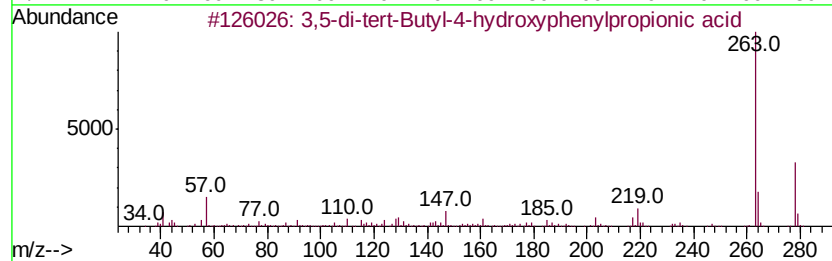
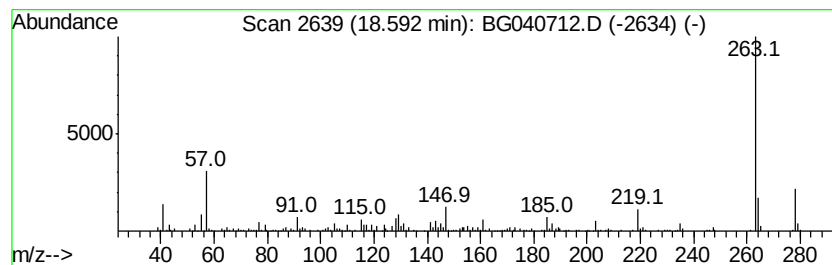
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.59	5.10 ng	242965	Phenanthrene-d10	17.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxyphenyl...	278	C17H26O3	020170-32-5	94
2	Fenoxon sulfoxide	278	C10H15O5PS	006552-13-2	68
3	2,2-Bis[4'-cyanoxyphenyl]propane	278	C17H14N2O2	1000322-13-3	64
4	Trimethyl(2,6 ditert.-butylpheno...	278	C17H30OSi	010416-73-6	59
5	1H-Indole, 2-(2'-tetrahydrofury...	263	C18H17NO	163064-85-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040712.D
Acq On : 2 May 2019 18:22
Operator : JU/SJ
Sample : K2621-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A5327

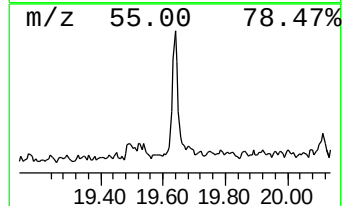
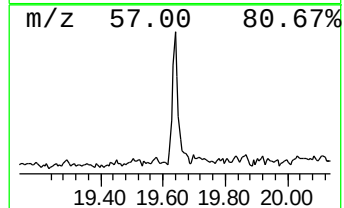
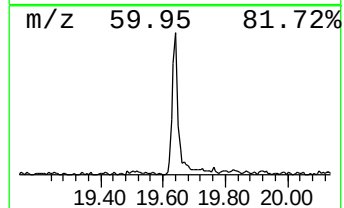
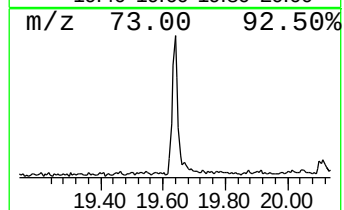
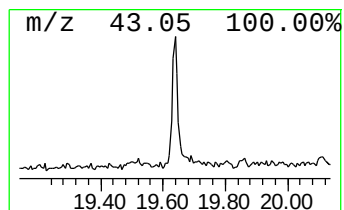
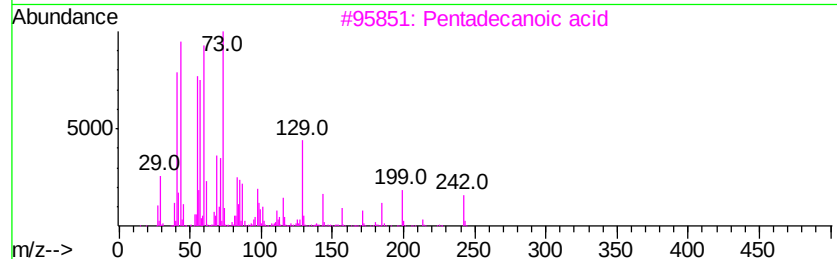
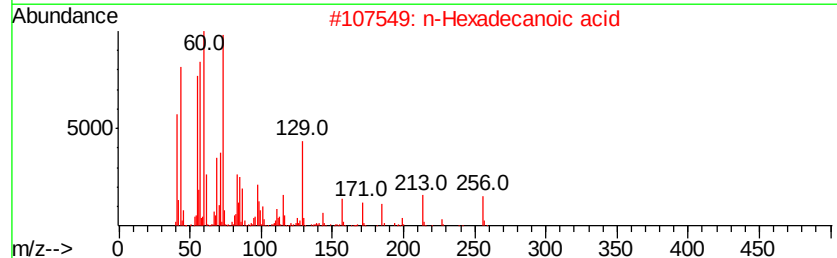
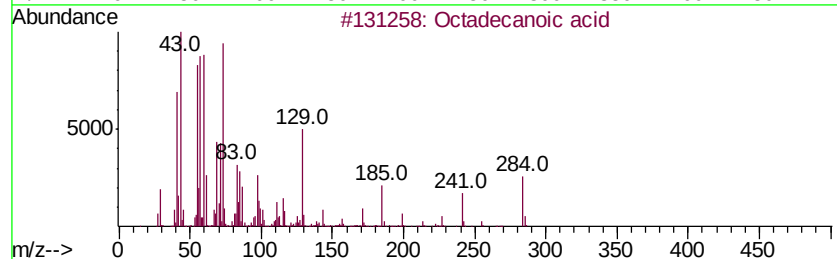
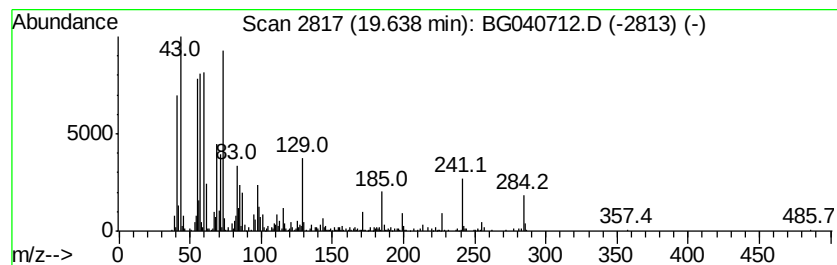
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	8.34 ng	397013	Phenanthrene-d10	17.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040712.D
Acq On : 2 May 2019 18:22
Operator : JU/SJ
Sample : K2621-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

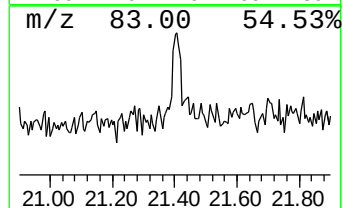
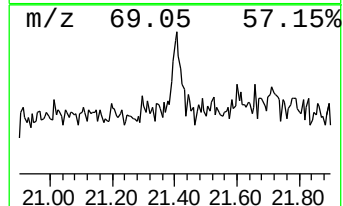
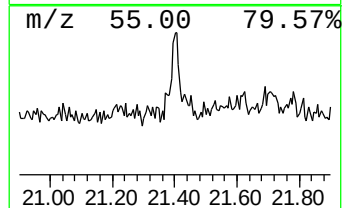
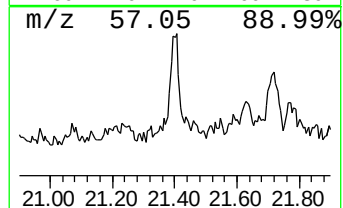
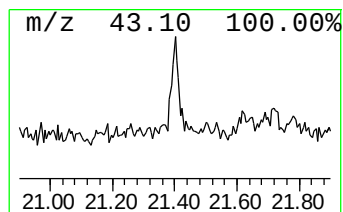
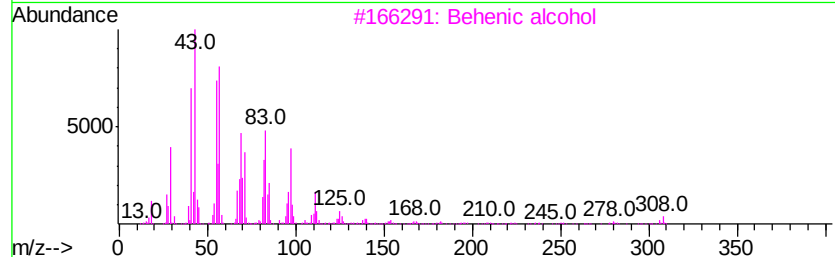
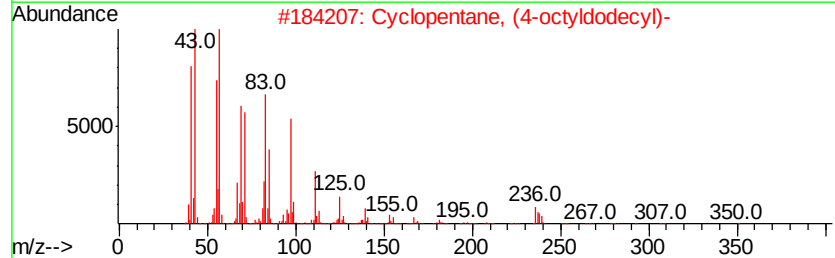
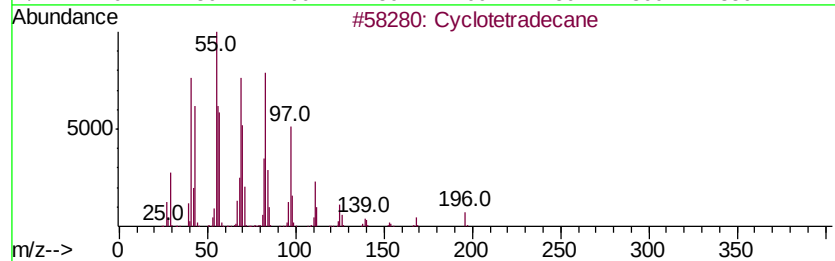
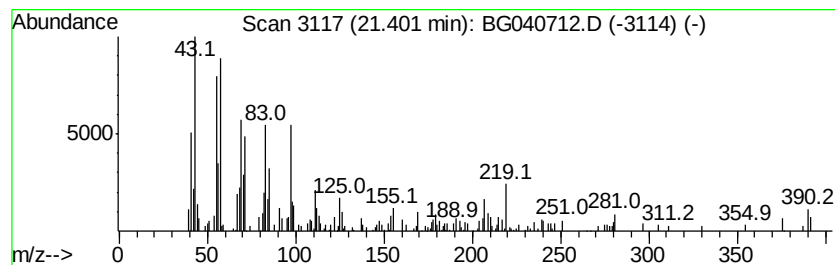
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclotetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.40	2.18 ng	116569	Chrysene-d12		21.80
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	93
2	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	68
3	Behenic alcohol	326	C22H46O	000661-19-8	64
4	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	64
5	17-Pentatriacontene	491	C35H70	006971-40-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040712.D
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Sample : K2621-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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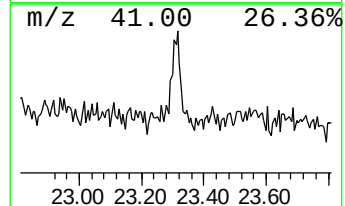
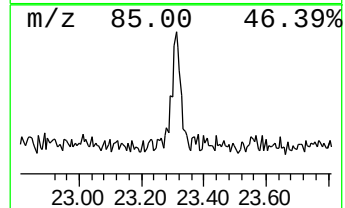
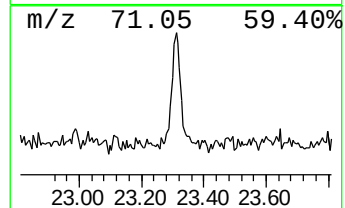
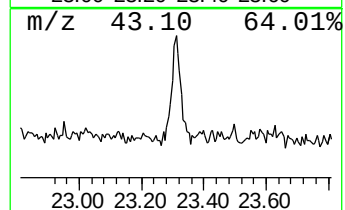
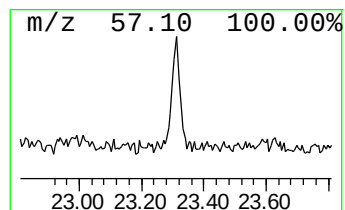
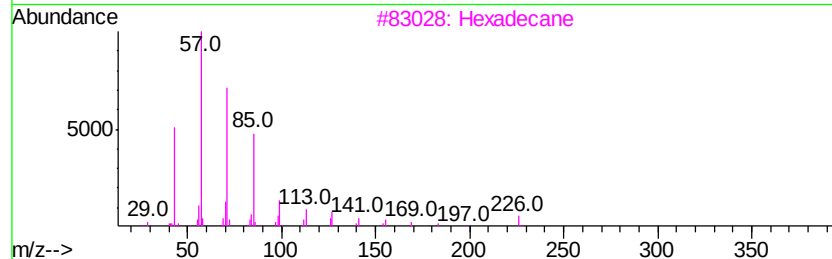
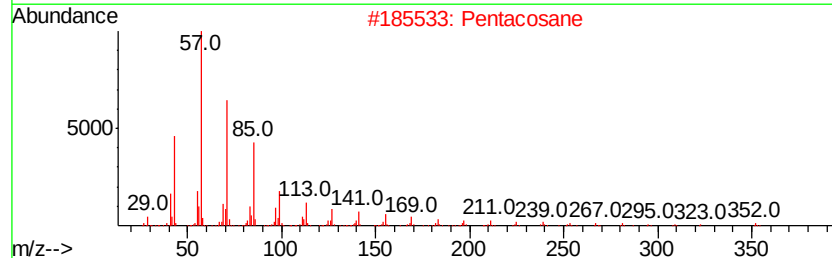
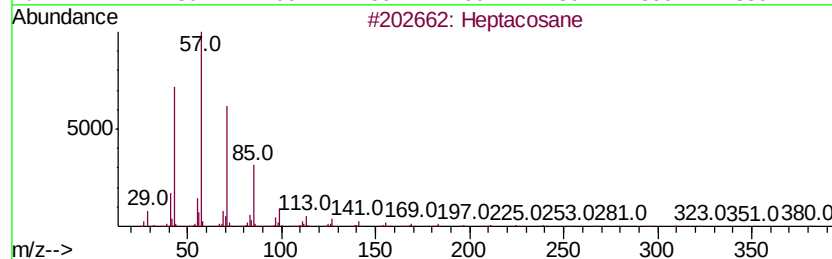
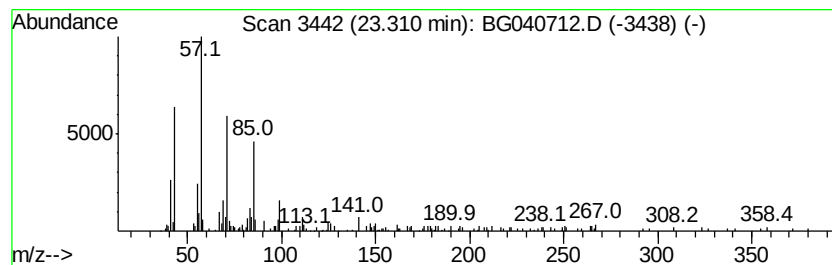
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.31	2.80 ng	149535	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Pentacosane	352	C25H52	000629-99-2	80
3		Hexadecane	226	C16H34	000544-76-3	80
4		Octacosane	394	C28H58	000630-02-4	72
5		Eicosane, 10-hexyl-10-methyl-	380	C27H56	055282-32-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040712.D
Acq On : 2 May 2019 18:22
Operator : JU/SJ
Sample : K2621-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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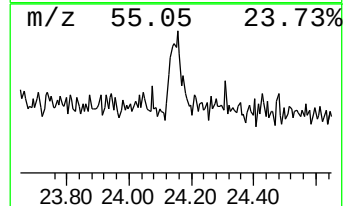
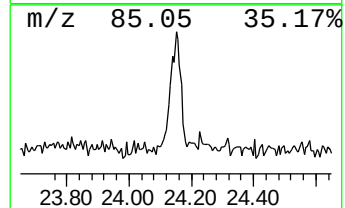
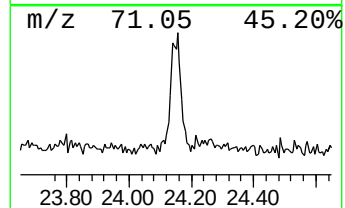
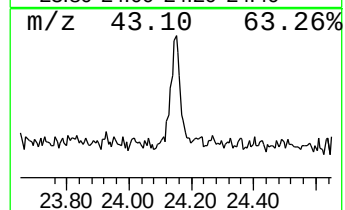
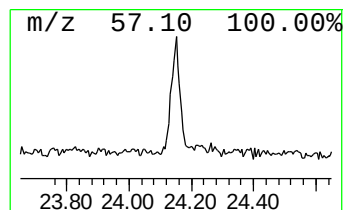
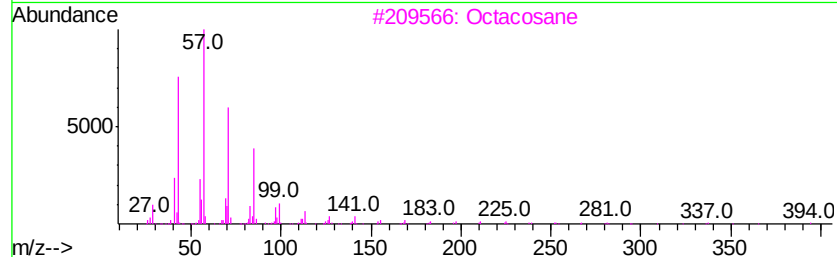
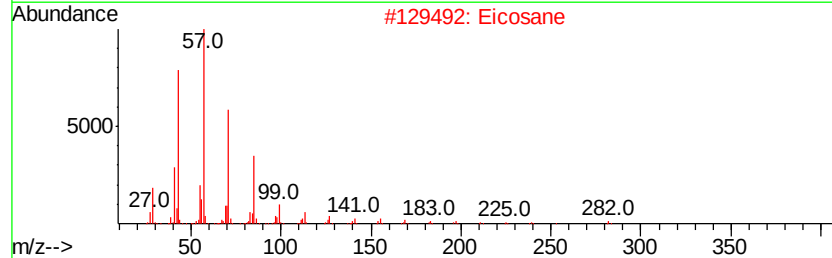
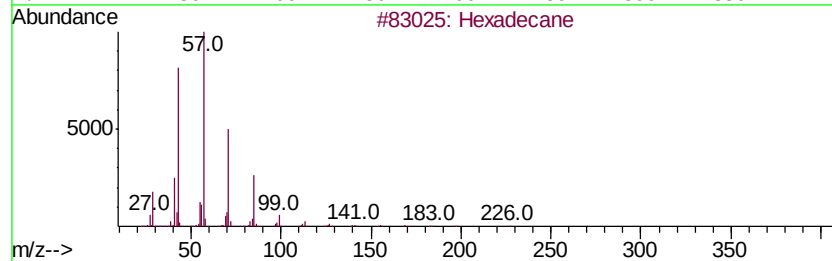
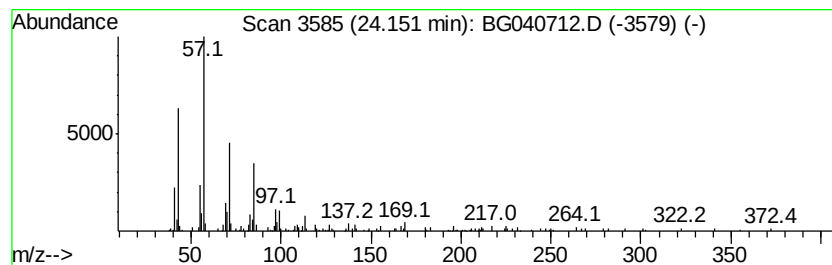
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.15	2.78 ng	162258	Perylene-d12	25.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Octacosane	394	C28H58	000630-02-4	87
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
5		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040712.D
Acq On : 2 May 2019 18:22
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Sample : K2621-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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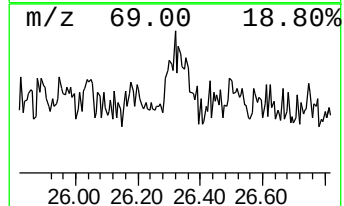
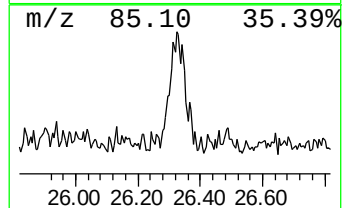
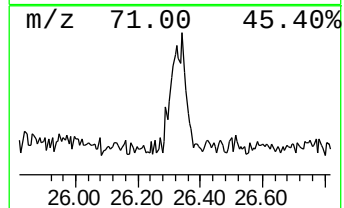
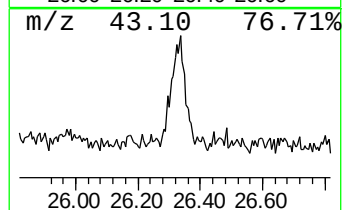
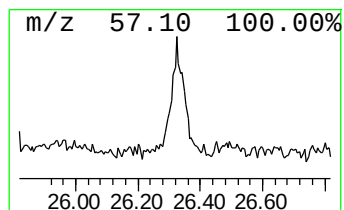
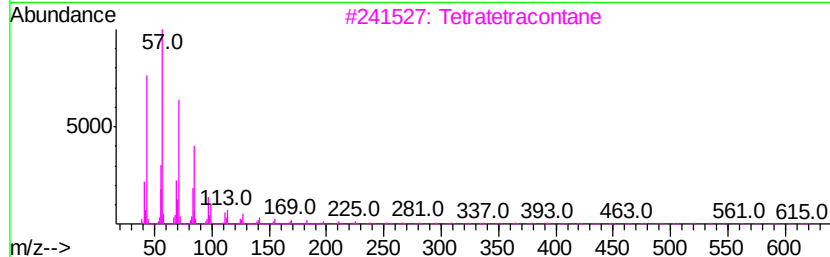
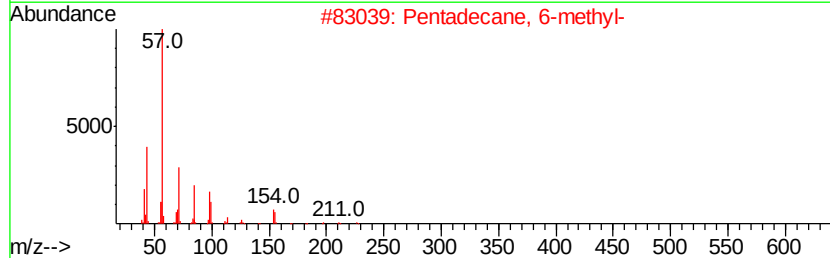
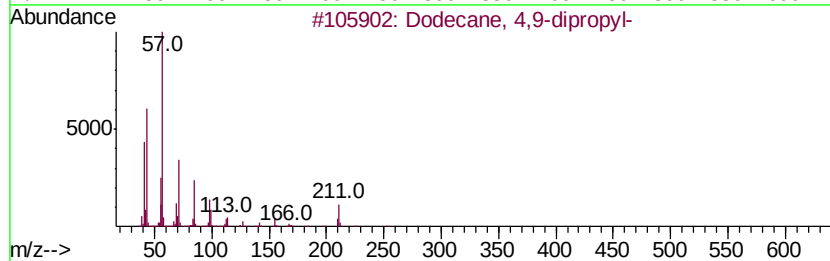
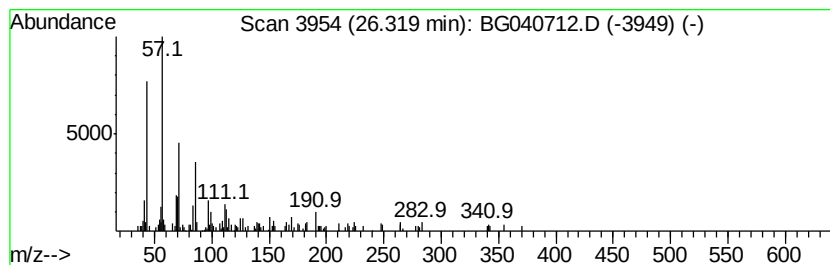
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 4,9-dipropyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.32	2.59 ng	151610	Perylene-d12	25.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	59
2		Pentadecane, 6-methyl-	226	C16H34	010105-38-1	59
3		Tetratetracontane	619	C44H90	007098-22-8	53
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
5		Eicosane	282	C20H42	000112-95-8	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050219\
Data File : BG040712.D
Acq On : 2 May 2019 18:22
Operator : JU/SJ
Sample : K2621-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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unknown7.67	7.67	116.0	ng	1806410	1	8.15	311487	20.0
unknown14.11	14.11	11.8	ng	408649	3	14.77	693186	20.0
7,9-Di-tert-butyl...	18.16	2.3	ng	111292	4	17.52	952578	20.0
n-Hexadecanoic acid	18.38	10.5	ng	499907	4	17.52	952578	20.0
3,5-di-tert-Butyl...	18.59	5.1	ng	242965	4	17.52	952578	20.0
Octadecanoic acid	19.64	8.3	ng	397013	4	17.52	952578	20.0
Cyclotetradecane	21.40	2.2	ng	116569	5	21.80	1068340	20.0
Heptacosane	23.31	2.8	ng	149535	5	21.80	1068340	20.0
Hexadecane	24.15	2.8	ng	162258	6	25.16	1169190	20.0
Dodecane, 4,9-dip...	26.32	2.6	ng	151610	6	25.16	1169190	20.0