

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
 Data File : BG021142.D
 Acq On : 28 Feb 2016 8:45
 Operator : UM/SJ
 Sample : H1526-05
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-04

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:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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	3.090	37	43	62	rBV	1176013	1685321	100.00%	24.844%
2	3.231	62	67	76	rVB2	16442	29203	1.73%	0.430%
3	5.258	406	412	418	rVB	37141	55817	3.31%	0.823%
4	5.716	484	490	498	rVB	161532	261408	15.51%	3.854%
5	7.308	753	761	770	rVB	184373	313249	18.59%	4.618%
6	7.696	820	827	834	rBB	174686	294905	17.50%	4.347%
7	8.166	898	907	913	rBB	36862	61387	3.64%	0.905%
8	8.489	955	962	969	rBV	115650	194064	11.51%	2.861%
9	9.329	1097	1105	1112	rBB	112967	198156	11.76%	2.921%
10	10.975	1378	1385	1392	rBB	59065	101962	6.05%	1.503%
11	13.401	1791	1798	1804	rVB	272039	411370	24.41%	6.064%
12	14.218	1931	1937	1944	rBB	38668	55215	3.28%	0.814%
13	14.770	2025	2031	2039	rVB2	91110	145528	8.64%	2.145%
14	15.593	2167	2171	2177	rVB	14123	17673	1.05%	0.261%
15	16.251	2276	2283	2289	rVB2	237193	350394	20.79%	5.165%
16	16.450	2313	2317	2321	rBV	14776	20558	1.22%	0.303%
17	17.508	2490	2497	2501	rBV	116418	179487	10.65%	2.646%
18	17.549	2501	2504	2510	rVB	33716	44633	2.65%	0.658%
19	18.372	2639	2644	2649	rBV2	26942	38816	2.30%	0.572%
20	19.412	2816	2821	2827	rVB3	14613	26138	1.55%	0.385%
21	19.541	2837	2843	2849	rVB	133662	180139	10.69%	2.655%
22	19.864	2893	2898	2900	rBV	16841	22186	1.32%	0.327%
23	19.899	2900	2904	2911	rVB	114775	165068	9.79%	2.433%
24	20.093	2927	2937	2942	rBV	471721	615141	36.50%	9.068%
25	20.217	2953	2958	2966	rBV3	8985	20581	1.22%	0.303%
26	20.546	3006	3014	3018	rBV3	12076	24374	1.45%	0.359%
27	21.151	3112	3117	3124	rVB	21778	31009	1.84%	0.457%
28	21.392	3153	3158	3163	rBV	99288	144940	8.60%	2.137%
29	21.486	3170	3174	3182	rVB2	15754	25005	1.48%	0.369%
30	21.762	3213	3221	3226	rBV2	141755	333349	19.78%	4.914%
31	21.815	3226	3230	3242	rVB	61601	106142	6.30%	1.565%
32	22.508	3341	3348	3355	rVB4	12402	27296	1.62%	0.402%
33	22.590	3355	3362	3368	rVB5	10405	20719	1.23%	0.305%
34	24.006	3593	3603	3611	rBV2	46248	157793	9.36%	2.326%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	24.741	3721	3728	3740	rVB2	23081	63409	3.76%	0.935%
36	24.888	3744	3753	3764	rVB3	26256	73312	4.35%	1.081%
37	25.046	3769	3780	3789	rBV	62701	183592	10.89%	2.706%
38	26.357	3995	4003	4008	rBV7	10292	31748	1.88%	0.468%
39	28.777	4405	4415	4421	rBV3	12305	46100	2.74%	0.680%
40	29.946	4603	4614	4616	rBV3	9613	26438	1.57%	0.390%

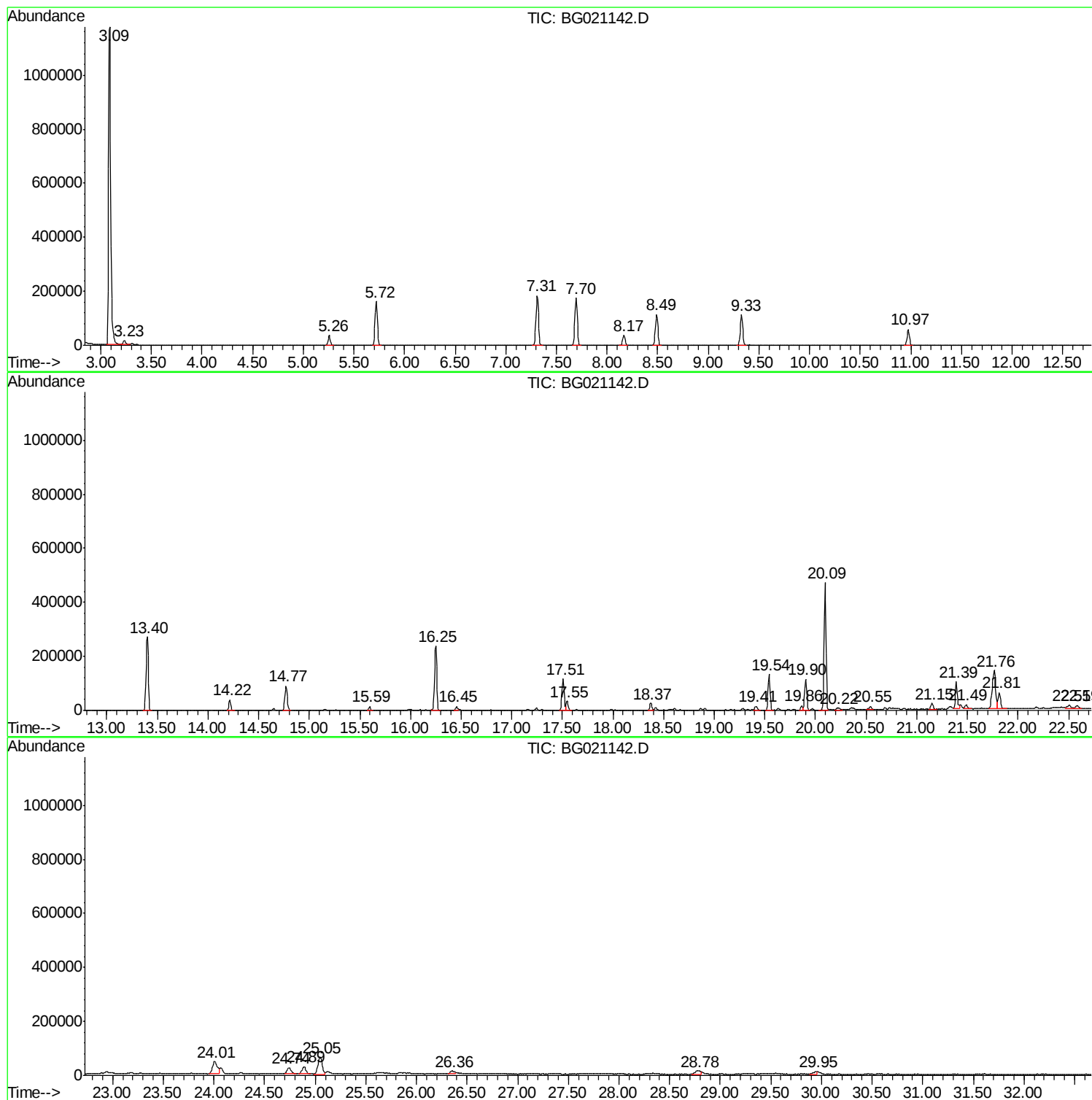
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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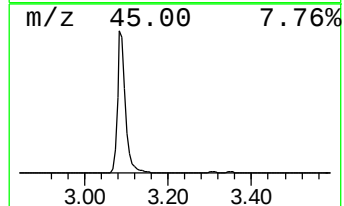
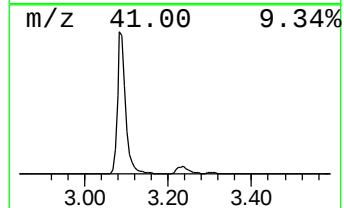
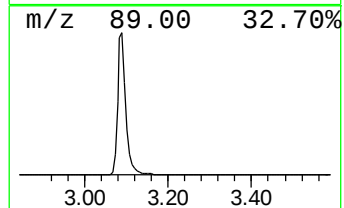
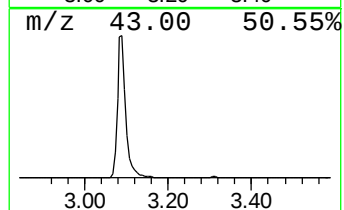
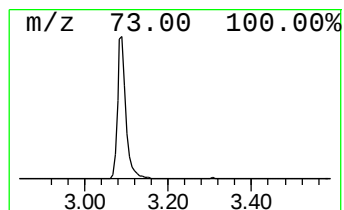
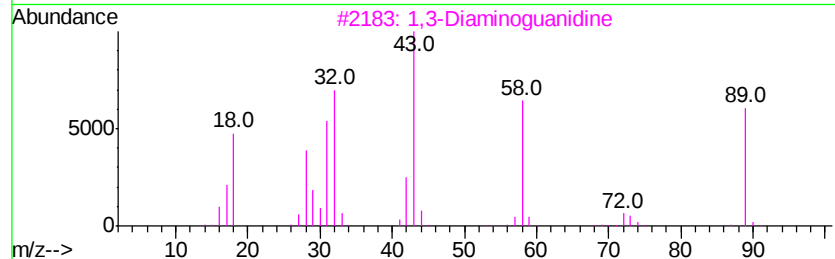
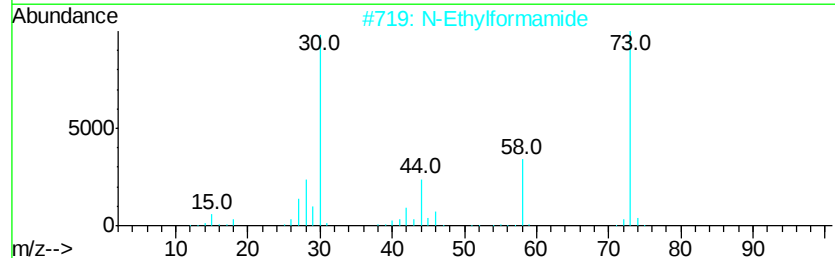
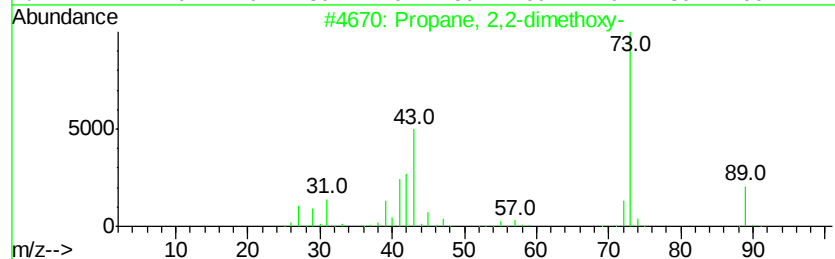
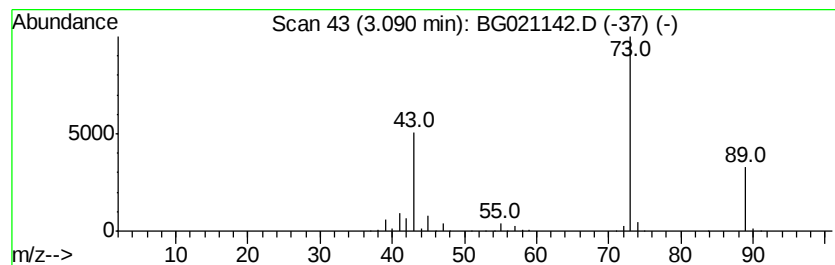
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown3.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	549.08 ng	1685320	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		1,3-Diaminoquanidine	89	CH7N5	004364-78-7	9
4		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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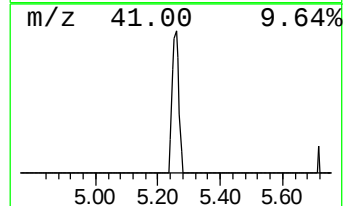
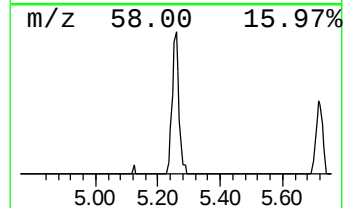
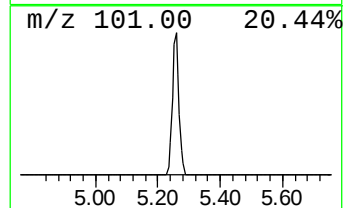
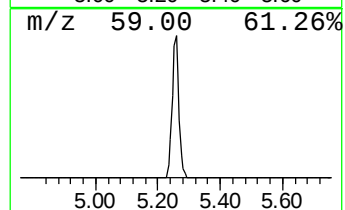
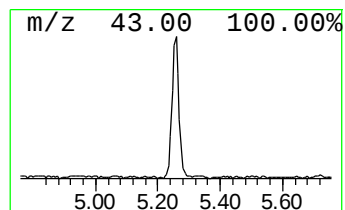
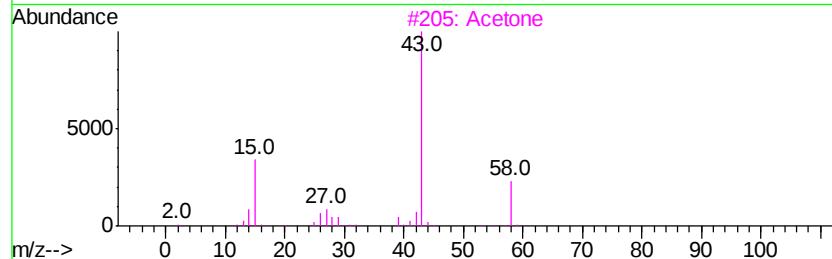
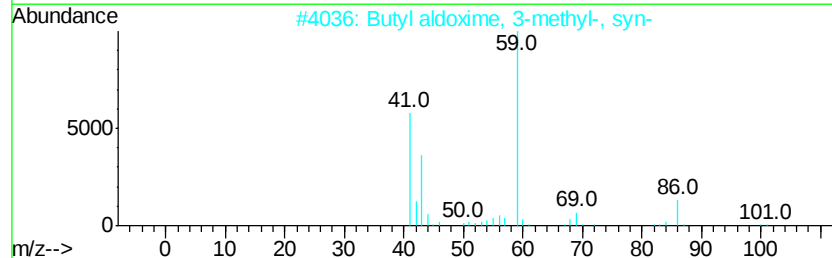
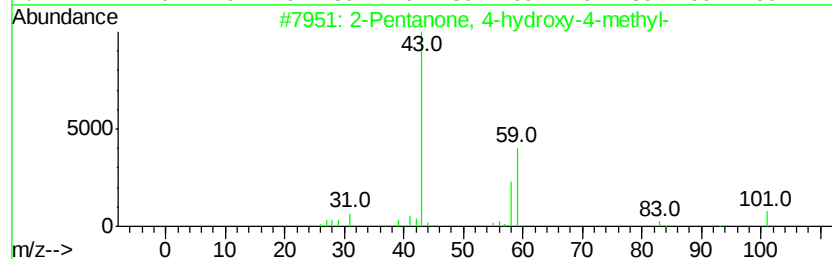
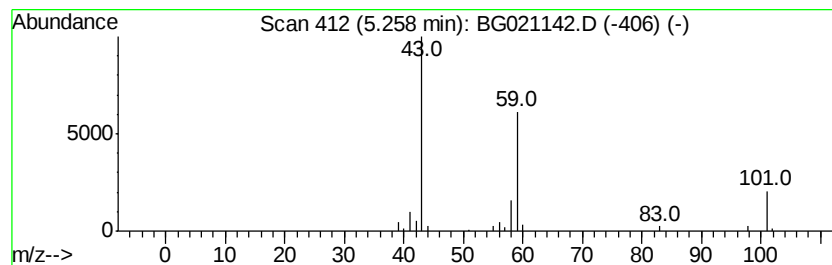
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	18.19 ng	55817	1,4-Dichlorobenzene-d4	8.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	56
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO		005780-40-5	25
3	Acetone	58	C3H6O		000067-64-1	9
4	Butane, 1-ethoxy-	102	C6H14O		000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO		000109-02-4	9



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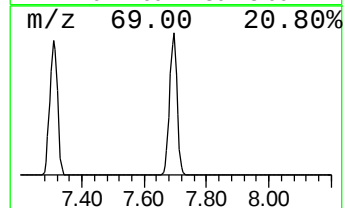
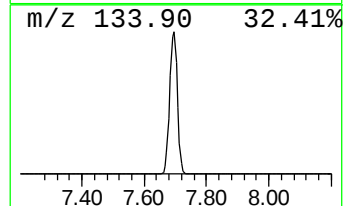
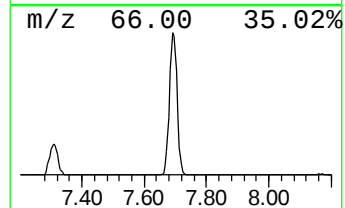
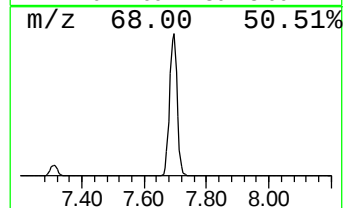
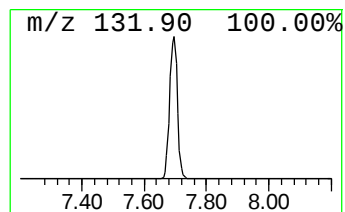
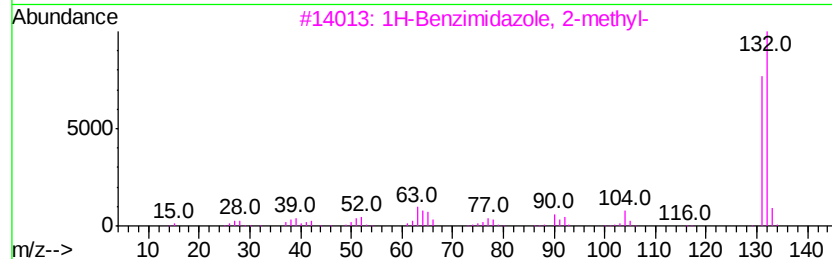
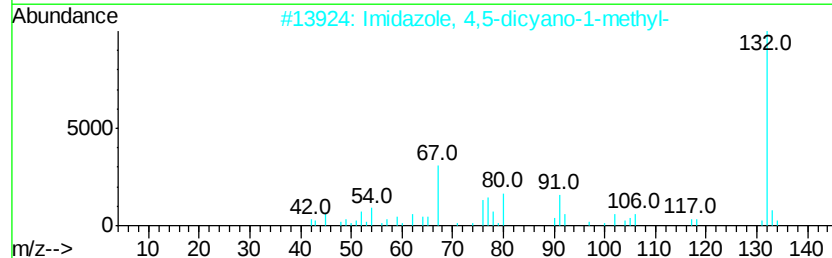
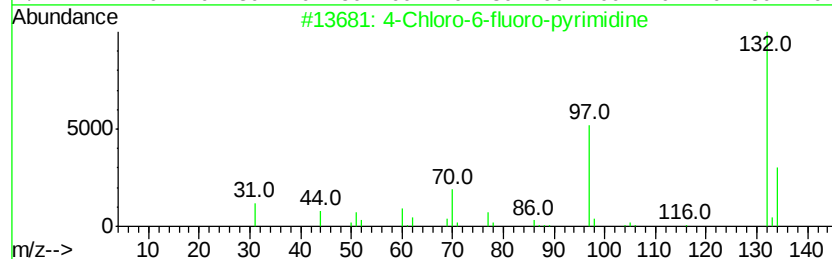
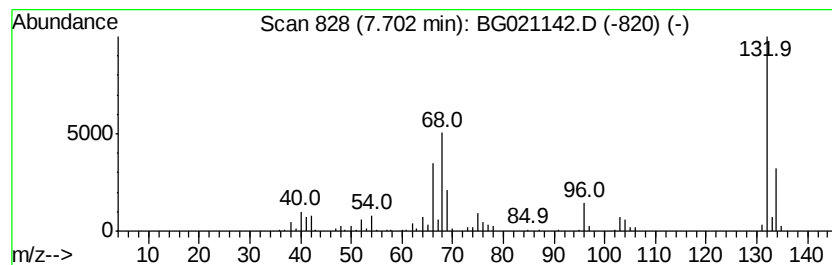
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.70 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	96.08 ng	294905	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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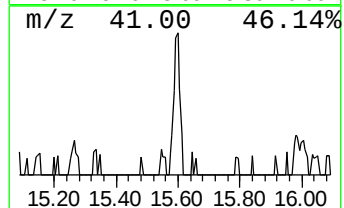
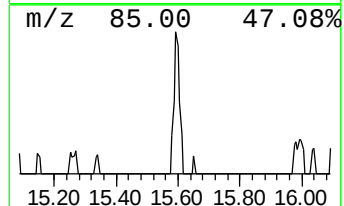
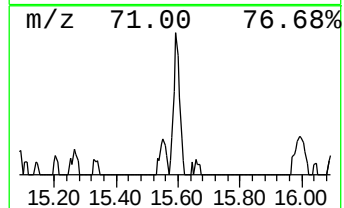
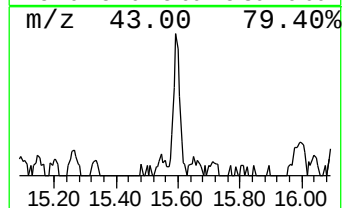
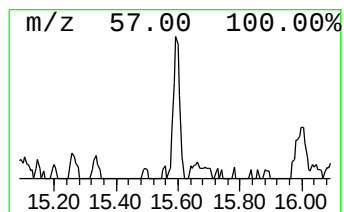
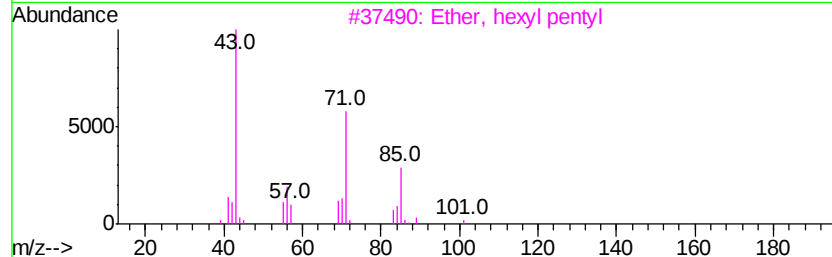
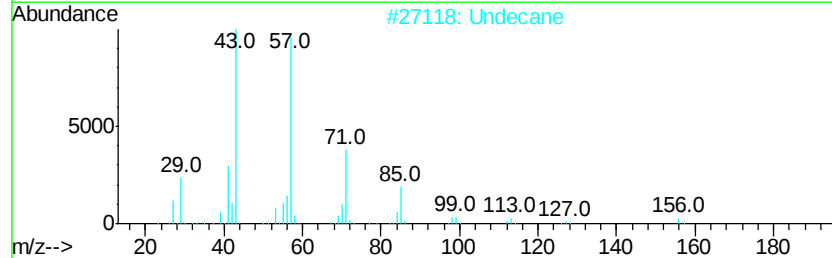
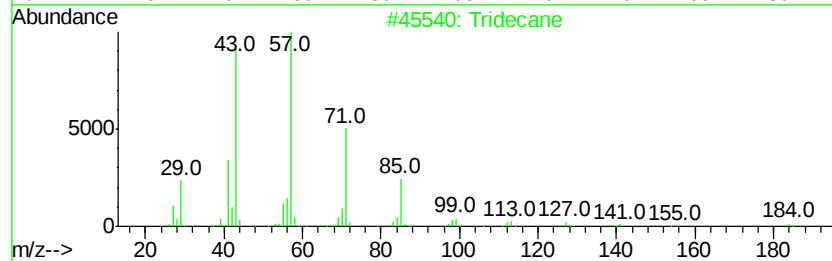
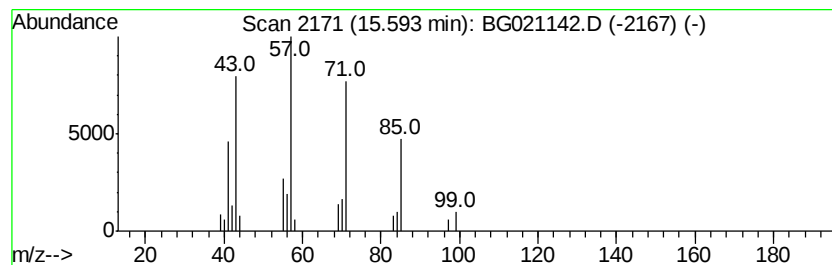
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	2.43 ng	17673	Acenaphthene-d10	14.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	78
2		Undecane	156	C11H24	001120-21-4	64
3		Ether, hexyl pentyl	172	C11H24O	032357-83-8	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59



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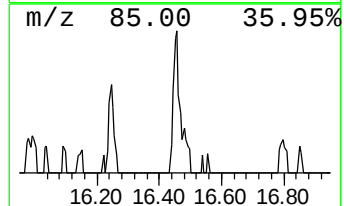
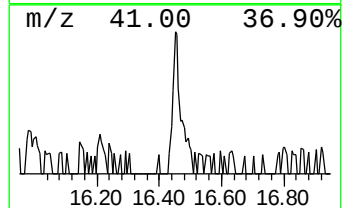
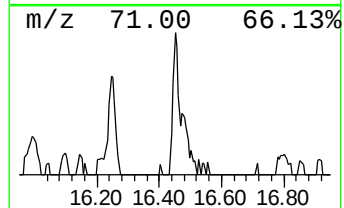
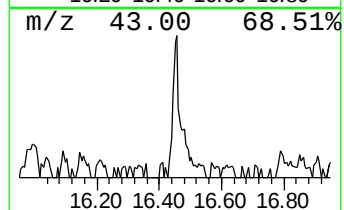
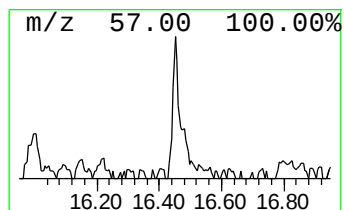
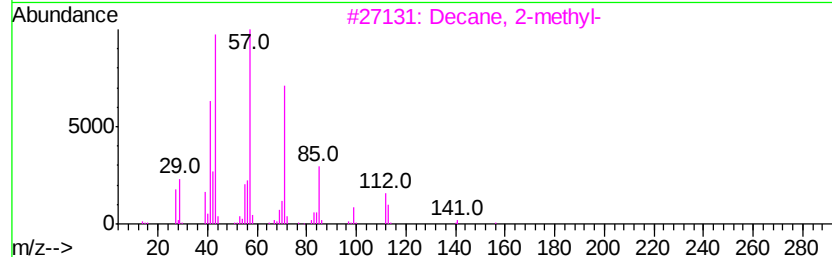
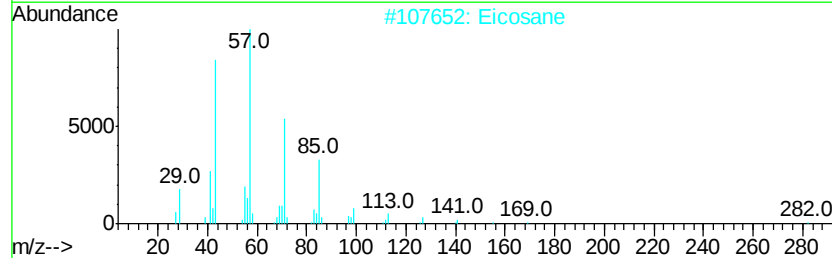
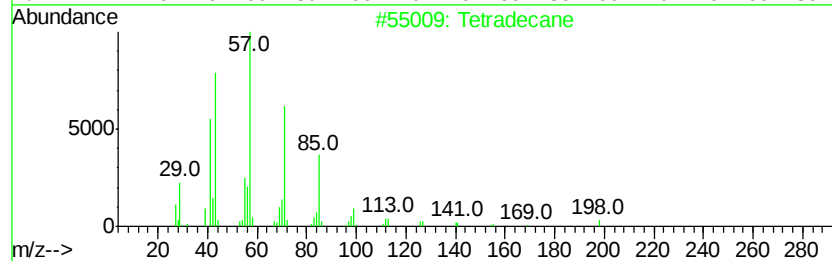
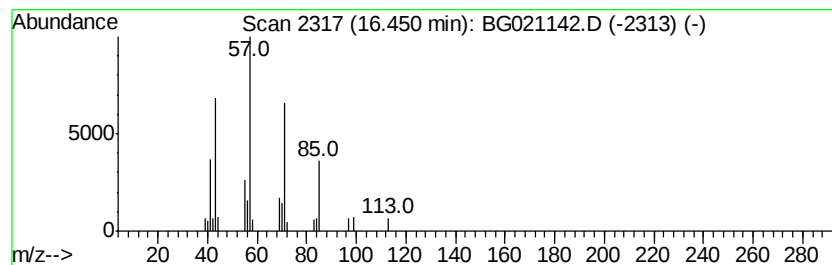
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	2.29 ng	20558	Phenanthrene-d10	17.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	83
2		Eicosane	282	C20H42	000112-95-8	83
3		Decane, 2-methyl-	156	C11H24	006975-98-0	72
4		Tridecane	184	C13H28	000629-50-5	72
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021142.D
Acq On : 28 Feb 2016 8:45
Operator : UM/SJ
Sample : H1526-05
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-04

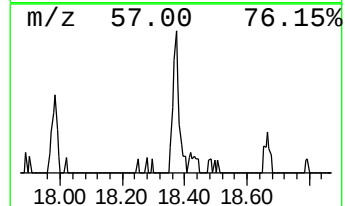
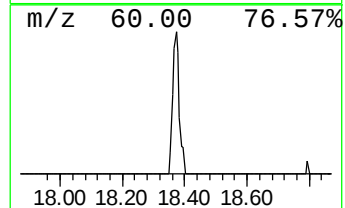
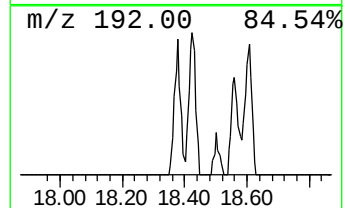
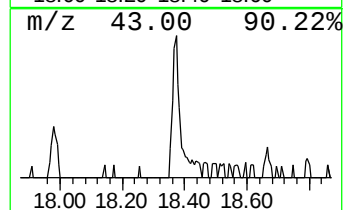
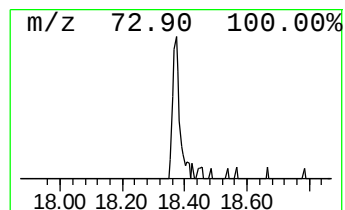
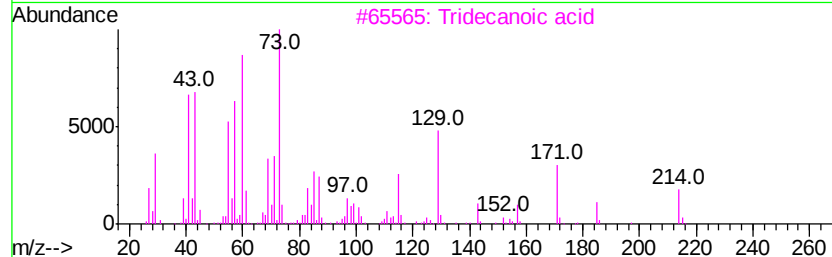
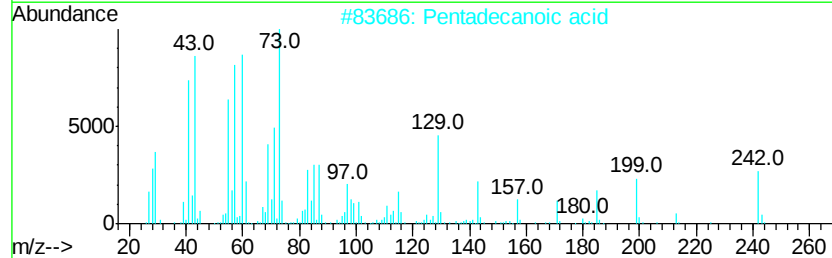
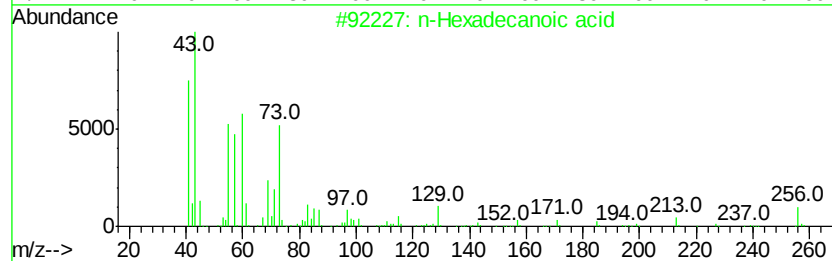
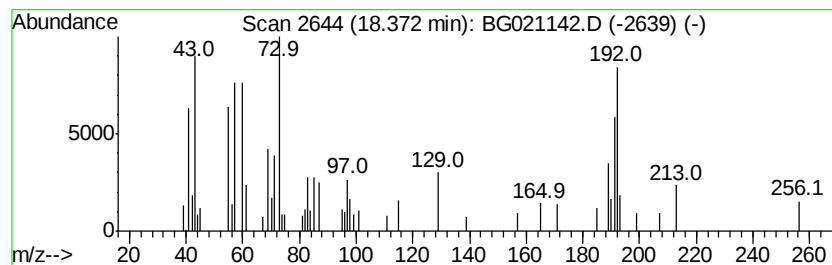
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	4.33 ng	38816	Phenanthrene-d10	17.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	45
3		Tridecanoic acid	214	C13H26O2	000638-53-9	38
4		Undecanoic acid	186	C11H22O2	000112-37-8	38
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	35



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Sample : H1526-05
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-04

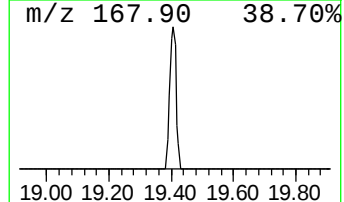
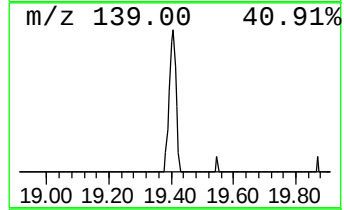
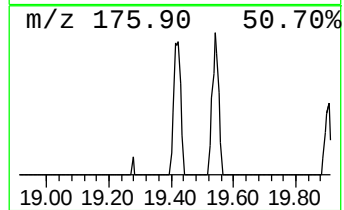
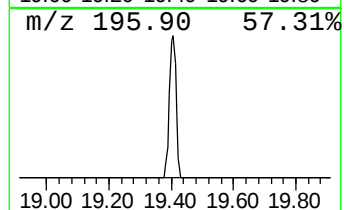
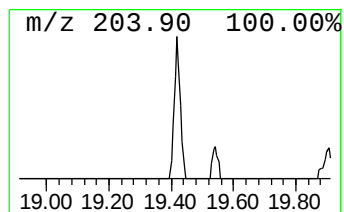
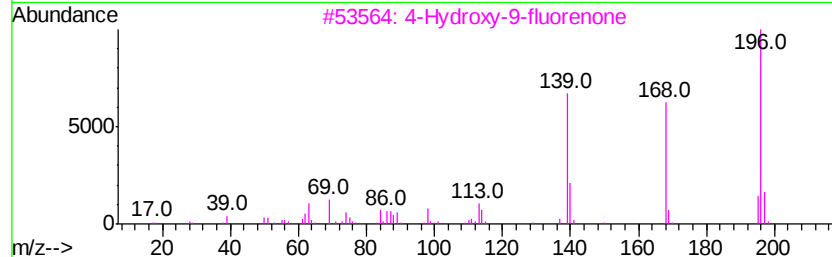
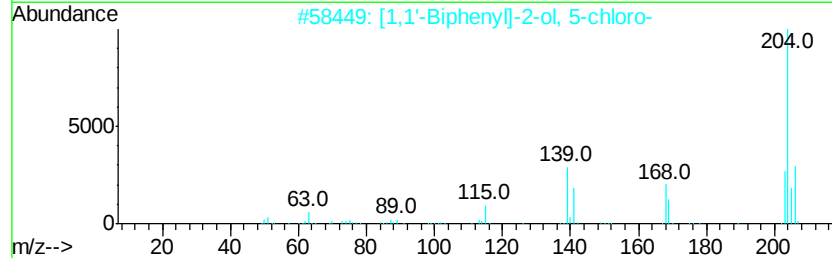
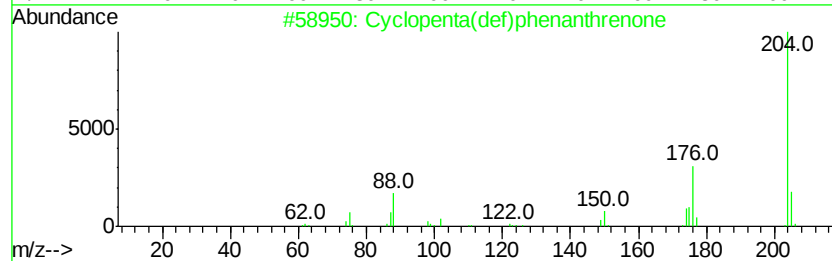
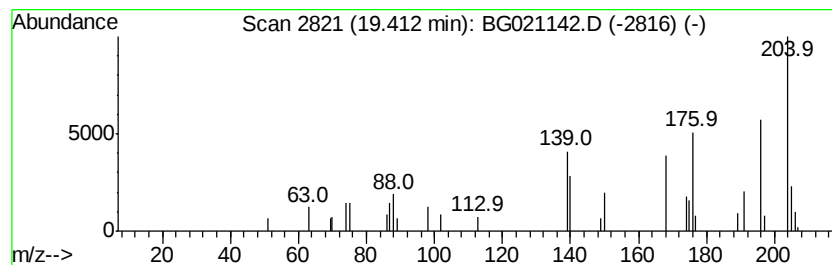
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.41	2.91 ng	26138	Phenanthrene-d10	17.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	50
2		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	32
3		4-Hydroxy-9-fluorenone	196	C13H8O2	001986-00-1	30
4		Xanthone	196	C13H8O2	000090-47-1	25
5		[1,1'-Biphenyl]-2-ol, 3-chloro-	204	C12H9ClO	000085-97-2	25



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Sample : H1526-05
Misc :
ALS Vial : 59 Sample Multiplier: 1

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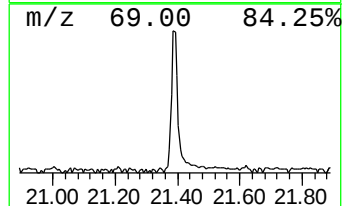
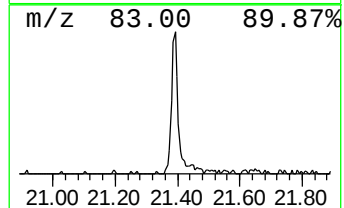
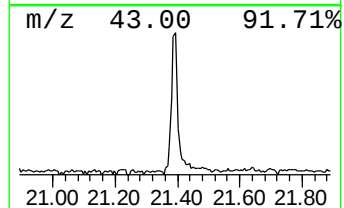
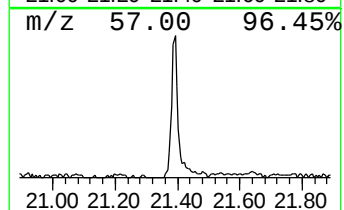
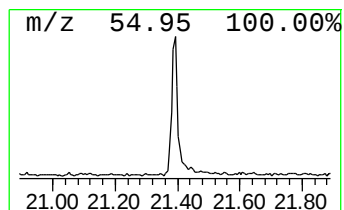
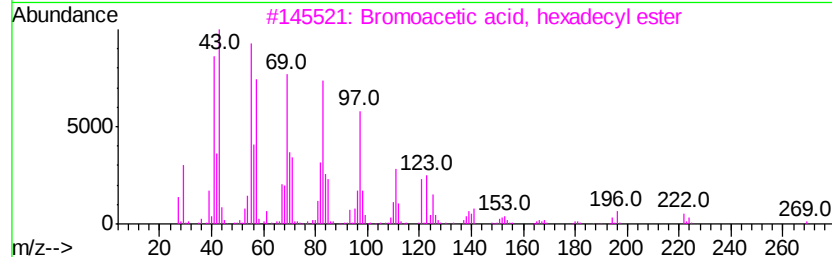
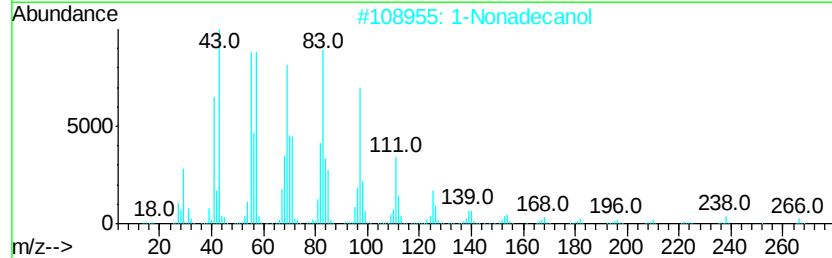
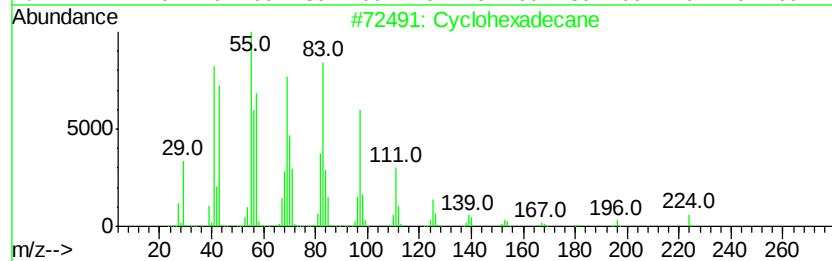
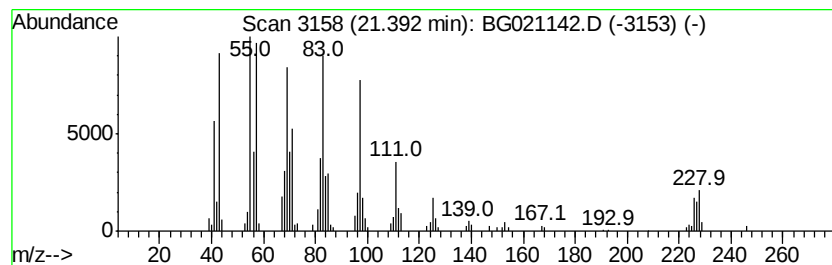
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	8.70 ng	144940	Chrysene-d12	21.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	98
2			1-Nonadecanol	284	C19H40O	001454-84-8	93
3			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	93
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5			3-Eicosene, (E)-	280	C20H40	074685-33-9	90



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Misc :
ALS Vial : 59 Sample Multiplier: 1

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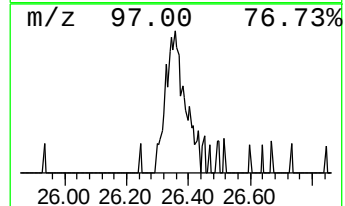
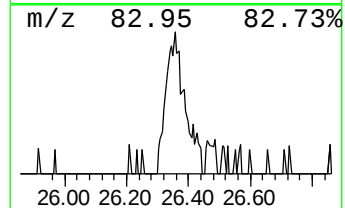
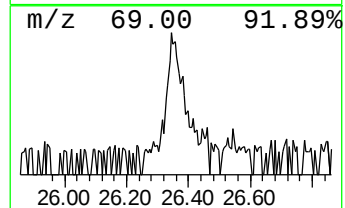
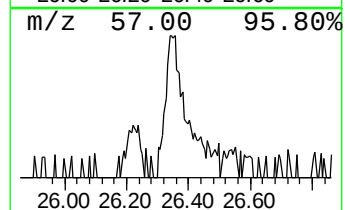
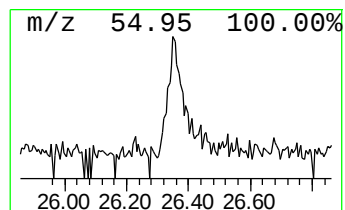
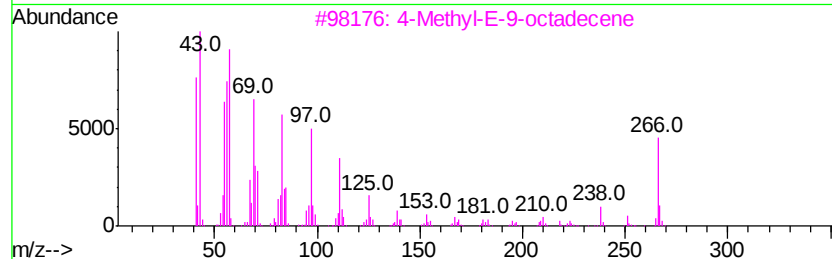
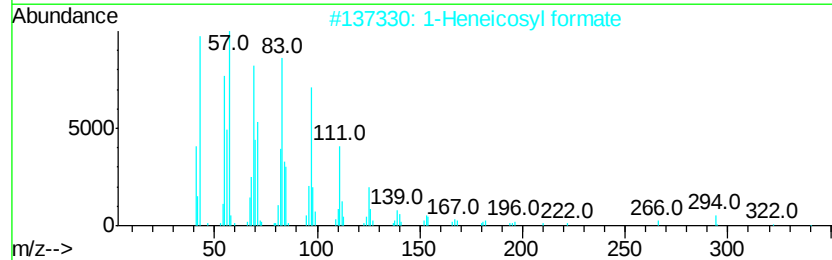
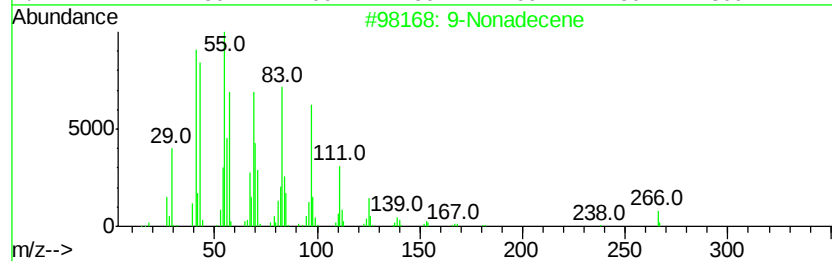
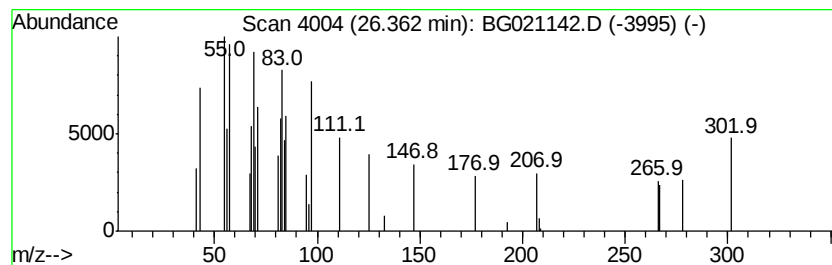
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9-Nonadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.36	3.46 ng	31748	Perylene-d12	25.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Nonadecene	266	C19H38	031035-07-1	90
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	70
3		4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	70
4		1-Octadecanol	270	C18H38O	000112-92-5	70
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	70



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Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Pentanone, 4-hy...	5.26	18.2	ng	55817	1	8.17	61387	20.0
unknown7.70	7.70	96.1	ng	294905	1	8.17	61387	20.0
Tridecane	15.59	2.4	ng	17673	3	14.77	145528	20.0
Tetradecane	16.45	2.3	ng	20558	4	17.51	179487	20.0
n-Hexadecanoic acid	18.37	4.3	ng	38816	4	17.51	179487	20.0
Cyclopenta(def)ph...	19.41	2.9	ng	26138	4	17.51	179487	20.0
Cyclohexadecane	21.39	8.7	ng	144940	5	21.77	333349	20.0
9-Nonadecene	26.36	3.5	ng	31748	6	25.05	183592	20.0