

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082060.D
 Acq On : 5 Oct 2015 23:00
 Operator : UM/IZ
 Sample : G3891-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-6(0-2)

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_F\METHODS\8270-BF092815.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	3.840	146	149	154	rVB	20403	30722	1.34%	0.124%
2	5.074	254	257	268	rBV	750737	1181895	51.36%	4.781%
3	5.486	290	293	295	rBV	1597485	2021094	87.83%	8.175%
4	6.514	380	383	385	rBV	1814879	1900876	82.60%	7.689%
5	6.652	392	395	397	rBV	2208966	2131128	92.61%	8.620%
6	6.880	413	415	418	rBV	537349	530300	23.04%	2.145%
7	7.040	426	429	431	rBV	1994909	1746566	75.90%	7.065%
8	7.452	463	465	467	rBV	1224992	1191775	51.79%	4.821%
9	7.532	470	472	479	rVB2	18915	39797	1.73%	0.161%
10	8.172	524	528	530	rBV	805159	720279	31.30%	2.913%
11	8.755	577	579	581	rBV	30414	28768	1.25%	0.116%
12	8.880	589	590	594	rVB	26585	30921	1.34%	0.125%
13	9.120	609	611	613	rBV	24073	26374	1.15%	0.107%
14	9.246	619	622	625	rBV	2409705	2301171	100.00%	9.308%
15	9.326	626	629	630	rVB	53096	74213	3.23%	0.300%
16	9.509	643	645	648	rBV	16636	26027	1.13%	0.105%
17	9.578	650	651	653	rBV2	25779	26327	1.14%	0.106%
18	9.646	654	657	659	rVV	375858	373908	16.25%	1.512%
19	9.783	667	669	672	rBV3	20438	38343	1.67%	0.155%
20	9.852	674	675	677	rVB	81525	63482	2.76%	0.257%
21	9.932	679	682	684	rVV	502516	701573	30.49%	2.838%
22	10.115	697	698	701	rVB2	14381	23360	1.02%	0.094%
23	10.355	715	719	720	rBV	117279	131366	5.71%	0.531%
24	10.572	735	738	741	rBV	60566	82235	3.57%	0.333%
25	10.721	748	751	753	rBV2	883185	1159552	50.39%	4.690%
26	10.823	758	760	765	rVB	136854	236839	10.29%	0.958%
27	11.269	797	799	801	rBV	76908	112425	4.89%	0.455%
28	11.418	809	812	814	rBV	508510	618785	26.89%	2.503%
29	11.704	835	837	838	rBV	84280	69342	3.01%	0.280%
30	11.909	853	855	856	rBV	84672	84807	3.69%	0.343%
31	11.944	856	858	862	rVV	310389	318688	13.85%	1.289%
32	12.115	871	873	874	rBV	46862	65448	2.84%	0.265%
33	12.606	914	916	919	rBV2	36154	74813	3.25%	0.303%
34	12.721	924	926	933	rVB2	102340	132538	5.76%	0.536%

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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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.824	933	935	936	rBV2	64607	73186	3.18%	0.296%
36	13.007	948	951	953	rBV	1781343	1930816	83.91%	7.810%
37	13.224	968	970	972	rBV	35202	45048	1.96%	0.182%
38	13.567	998	1000	1006	rVB2	29511	51917	2.26%	0.210%
39	13.692	1009	1011	1013	rBV2	35405	49354	2.14%	0.200%
40	13.898	1027	1029	1035	rVB	238910	320188	13.91%	1.295%
41	14.058	1040	1043	1045	rBV	479753	558504	24.27%	2.259%
42	14.344	1066	1068	1072	rVB2	29854	38202	1.66%	0.155%
43	14.538	1081	1085	1087	rBV2	70571	169729	7.38%	0.687%
44	14.892	1114	1116	1118	rVB	39653	56791	2.47%	0.230%
45	14.972	1120	1123	1125	rBV	210737	283383	12.31%	1.146%
46	15.155	1136	1139	1140	rBV	154323	169548	7.37%	0.686%
47	15.190	1140	1142	1151	rVB2	229275	408651	17.76%	1.653%
48	15.510	1167	1170	1174	rBV	288651	438418	19.05%	1.773%
49	15.727	1186	1189	1192	rBV	140900	193361	8.40%	0.782%
50	15.955	1206	1209	1211	rBV	128753	212232	9.22%	0.858%
51	16.013	1211	1214	1218	rVV	71079	140424	6.10%	0.568%
52	16.733	1274	1277	1282	rVB	47775	106585	4.63%	0.431%
53	17.018	1300	1302	1306	rVB2	43240	90168	3.92%	0.365%
54	17.121	1307	1311	1315	rBV5	30088	112769	4.90%	0.456%
55	17.258	1320	1323	1330	rVB	73192	182530	7.93%	0.738%
56	17.498	1341	1344	1355	rVB10	67159	257905	11.21%	1.043%
57	18.493	1429	1431	1439	rVB6	39343	115703	5.03%	0.468%
58	18.779	1453	1456	1460	rBV6	16887	59584	2.59%	0.241%
59	18.950	1466	1471	1479	rVB2	97602	300812	13.07%	1.217%
60	19.521	1519	1521	1529	rVB9	18102	61035	2.65%	0.247%

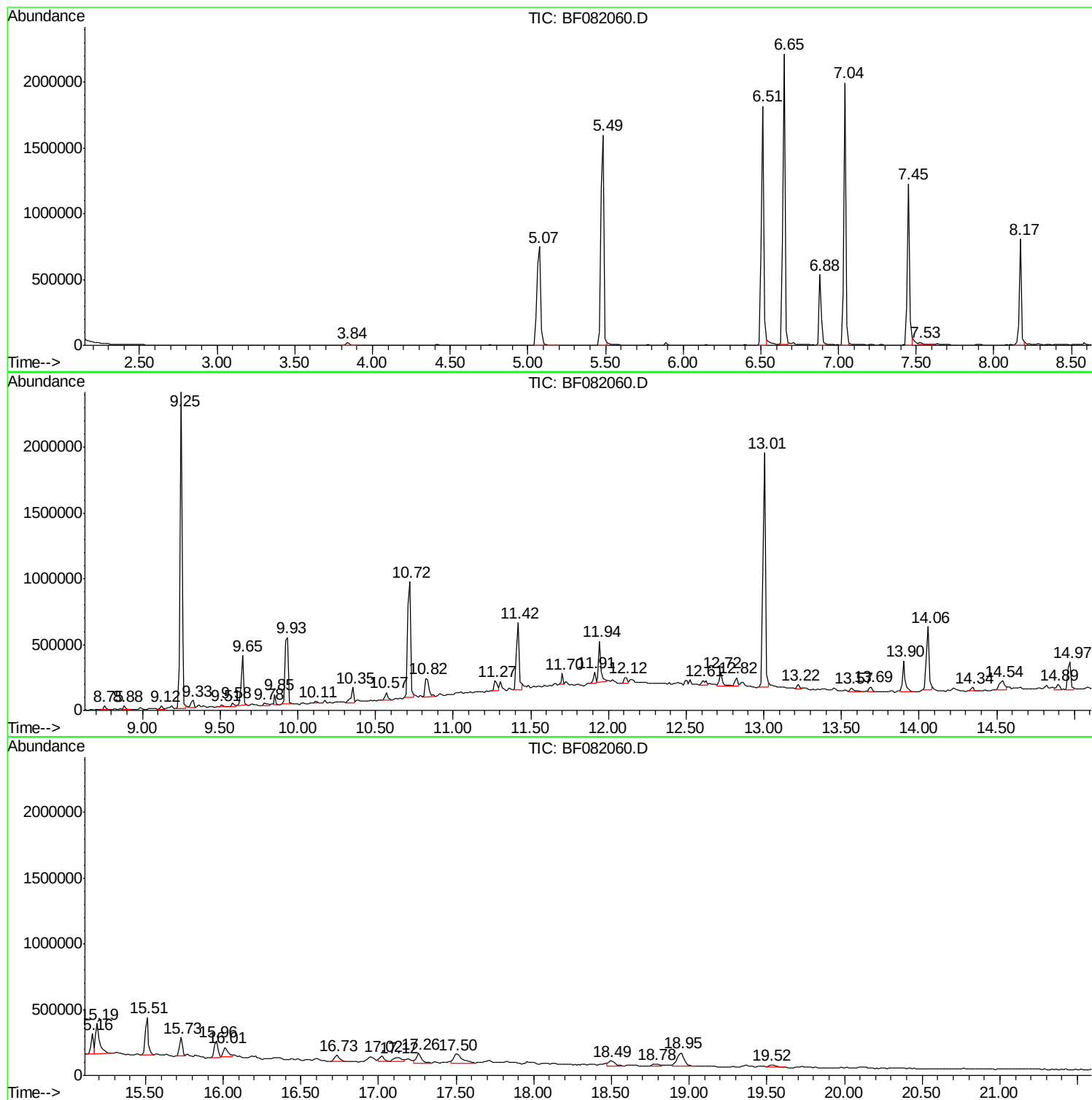
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : UM/IZ
Sample : G3891-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SS-6(0-2)

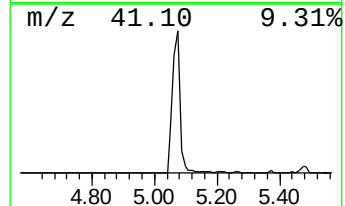
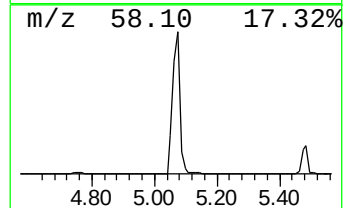
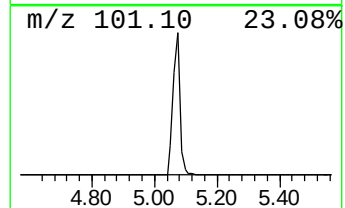
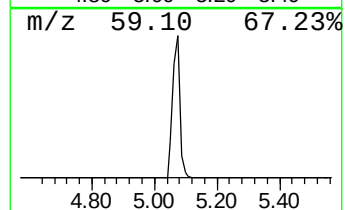
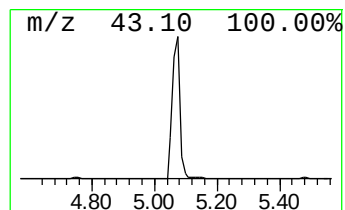
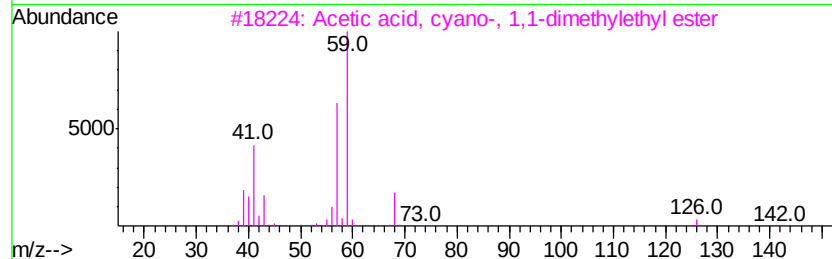
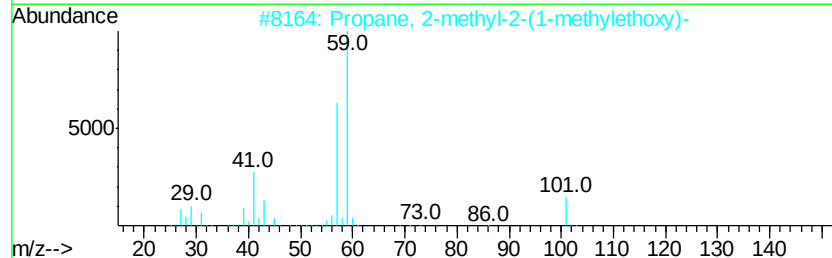
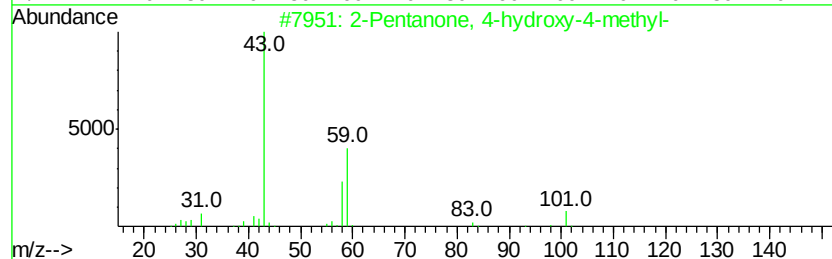
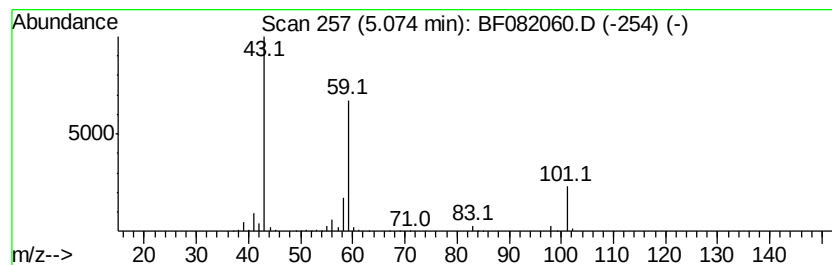
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	44.57 ng	1181900	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	53
3		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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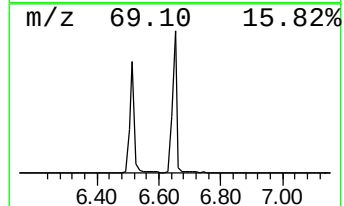
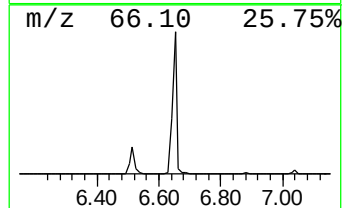
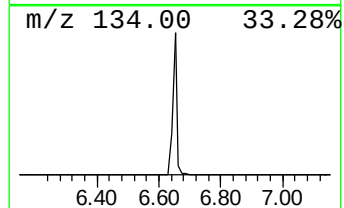
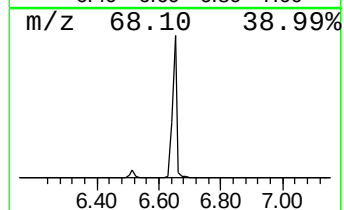
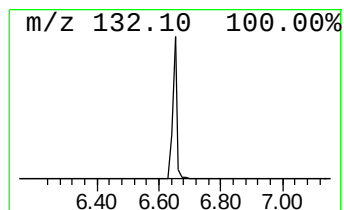
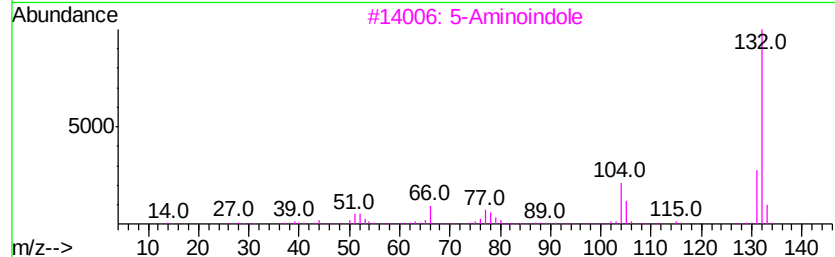
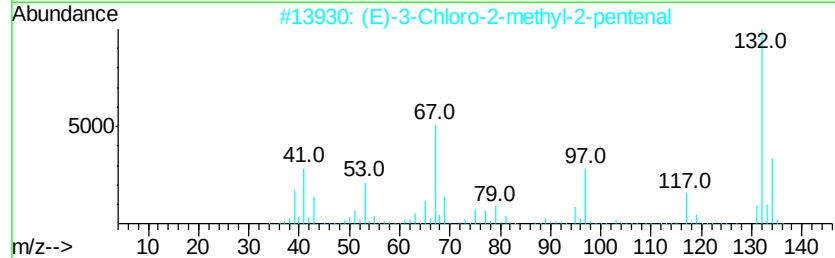
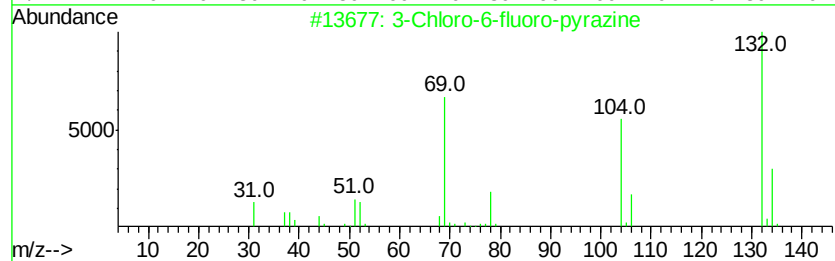
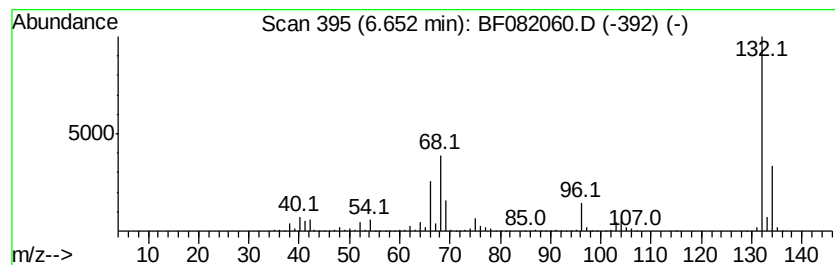
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	80.37 ng	2131130	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	16
3	5-Aminoindole			132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl			189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene, ...			132	C10H12	028749-81-7	9



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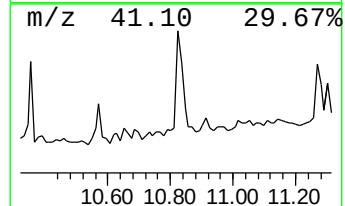
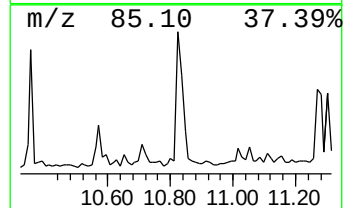
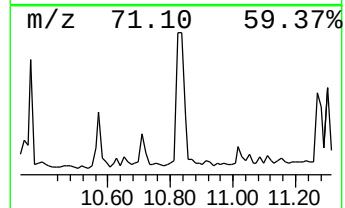
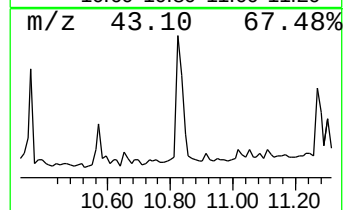
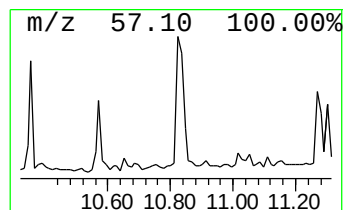
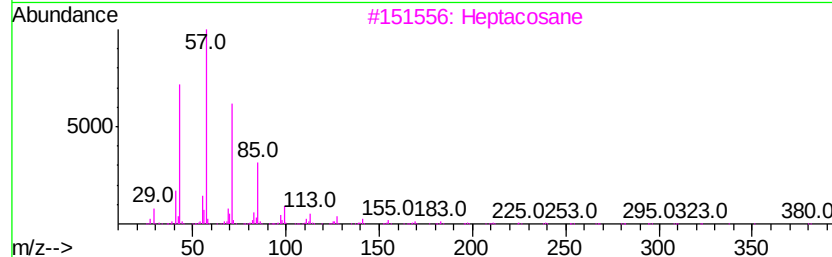
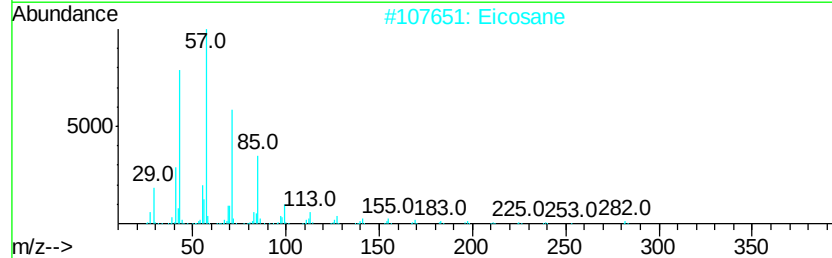
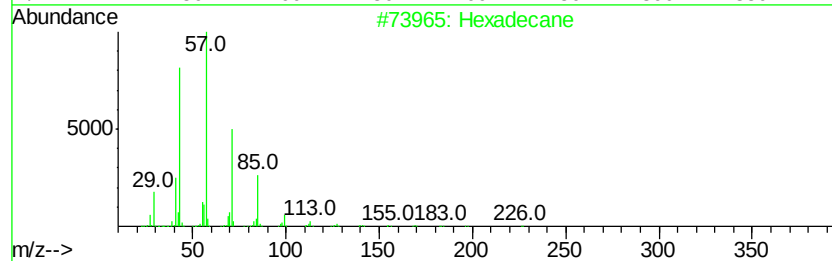
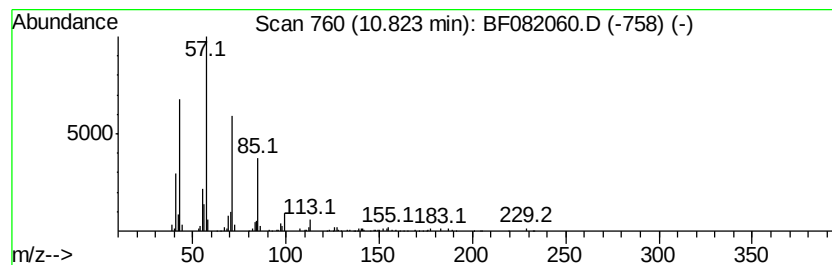
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	7.65 ng	236839	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Eicosane	282	C20H42	000112-95-8	86
3		Heptacosane	380	C27H56	000593-49-7	86
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72



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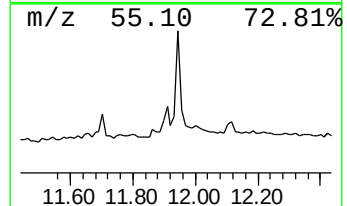
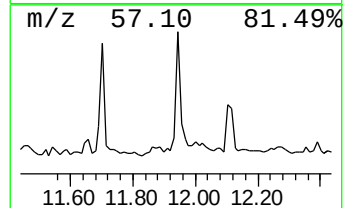
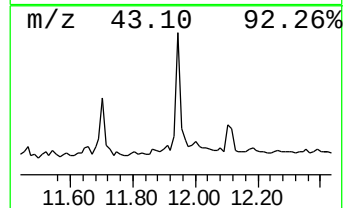
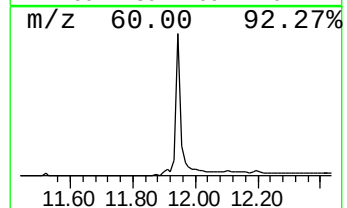
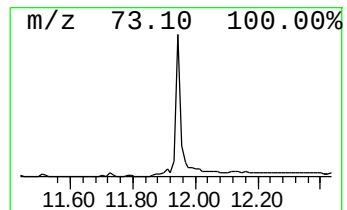
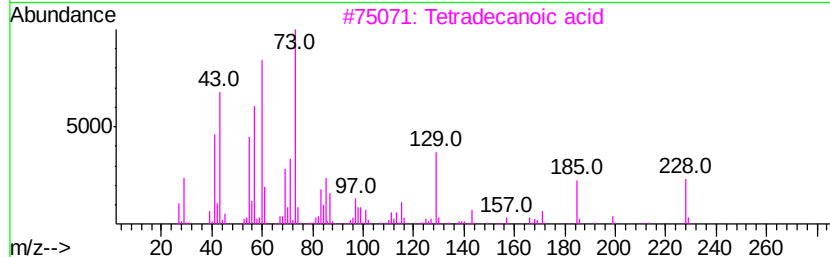
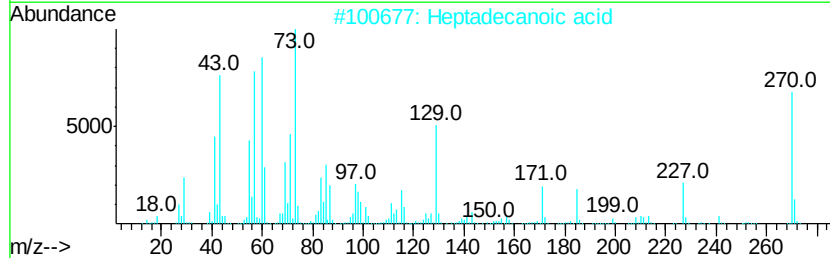
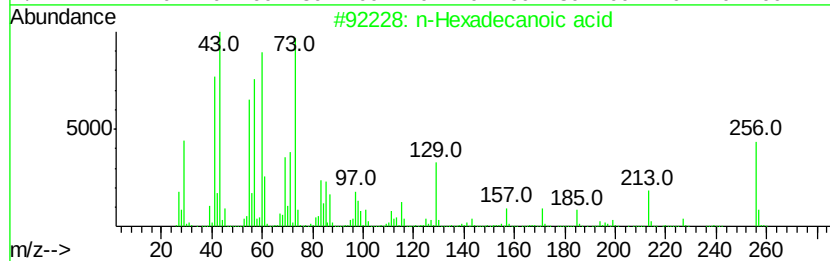
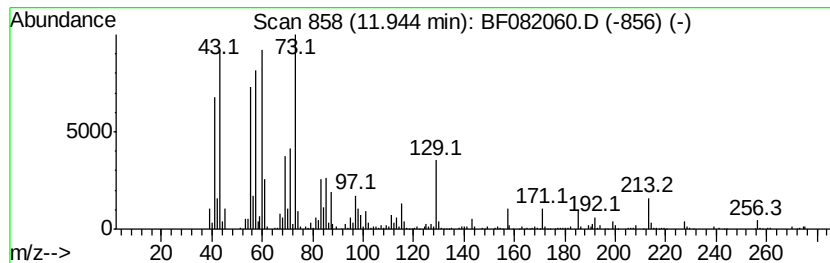
Instrument :
BNA_F
ClientSampleId :
SS-6(0-2)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.94	10.30 ng	318688	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	98
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81



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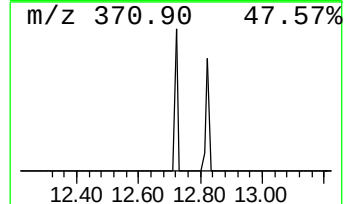
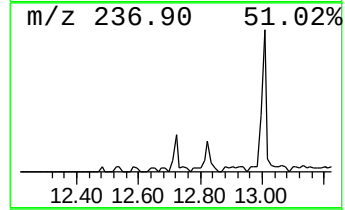
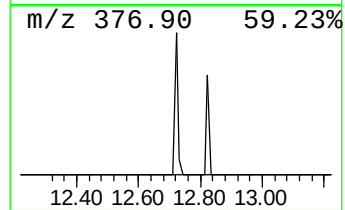
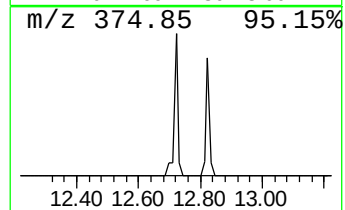
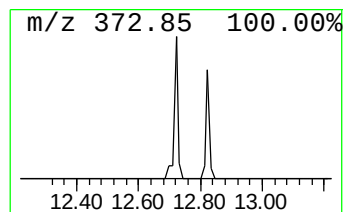
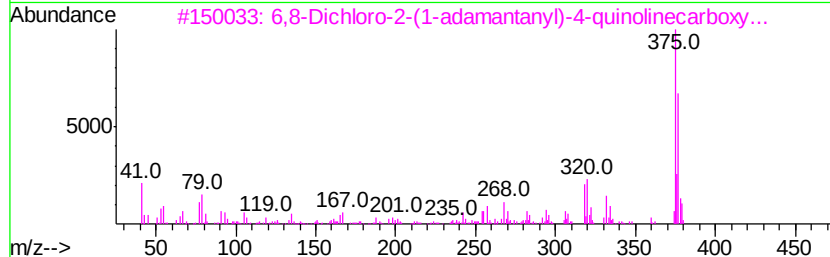
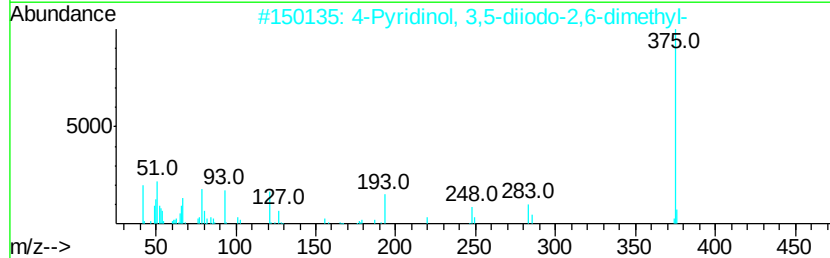
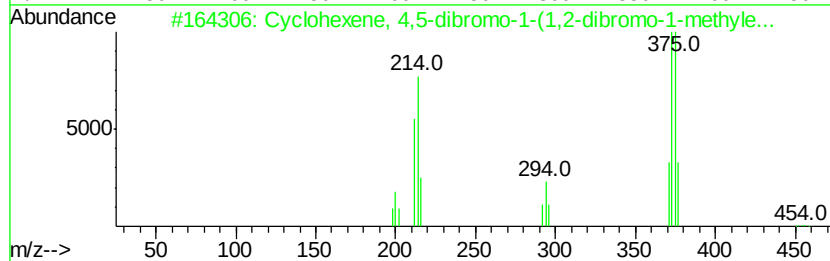
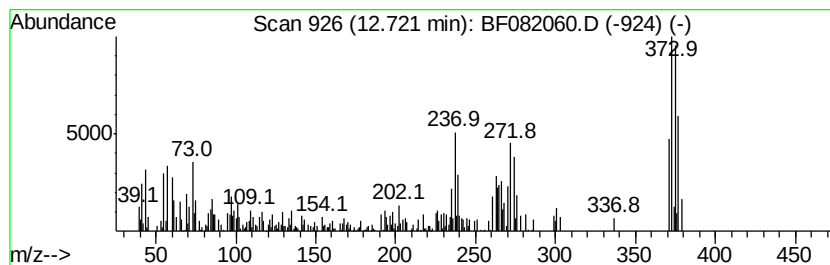
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown12.72 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.72	4.28 ng	132538	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4,5-dibromo-1-(1,2-...	450	C10H14Br4	070168-60-4	23
2	4-Pyridinol, 3,5-diiodo-2,6-dime...	375	C7H7I2NO	004563-30-8	11
3	6,8-Dichloro-2-(1-adamantanvl)-4...	375	C20H19Cl2NO2	049647-91-8	10
4	4,8-Dichloro-2-oxa-6-selenaadama...	272	C8H10Cl2OSe	1000189-96-4	10
5	3-(4-Ethoxy-phenyl)-1-phenyl-ben...	375	C27H21NO	1000294-56-3	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082060.D
Acq On : 5 Oct 2015 23:00
Operator : UM/IZ
Sample : G3891-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

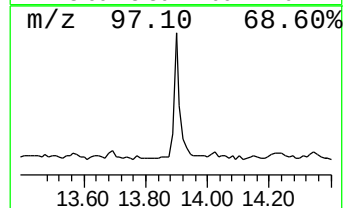
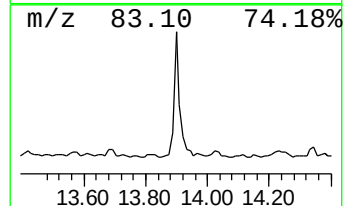
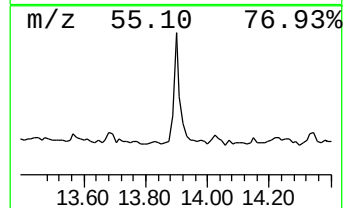
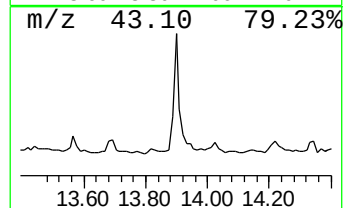
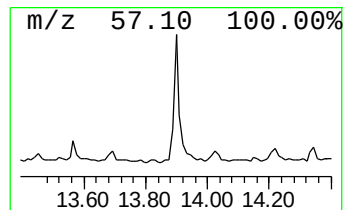
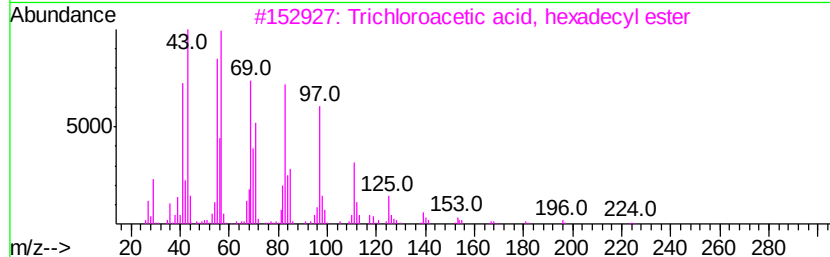
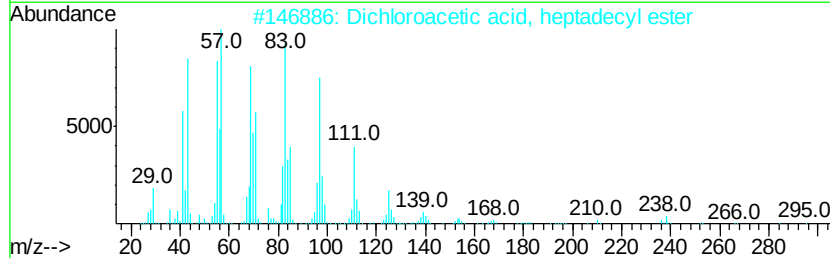
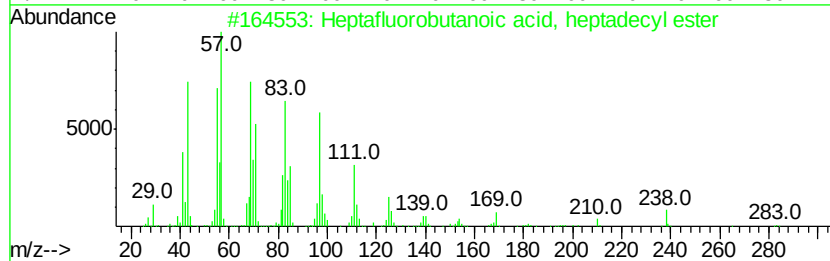
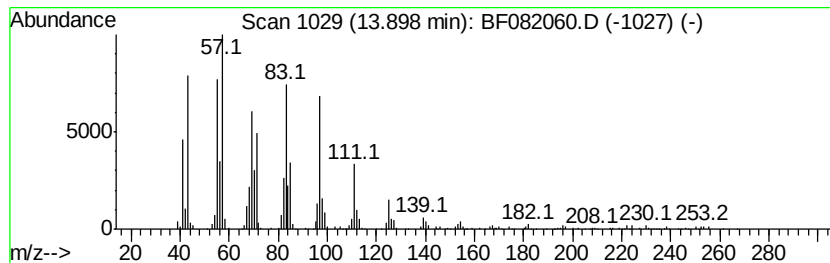
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptafluorobutanoic acid, h... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.90	11.47 ng	320188	Chrysene-d12		14.06		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
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Acq On : 5 Oct 2015 23:00
Operator : UM/IZ
Sample : G3891-05
Misc :
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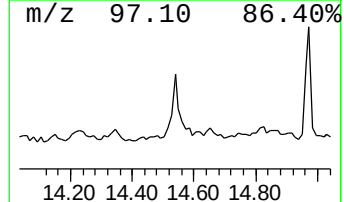
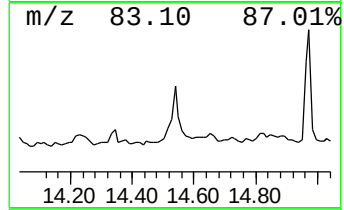
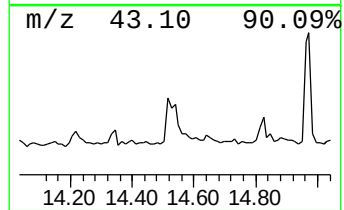
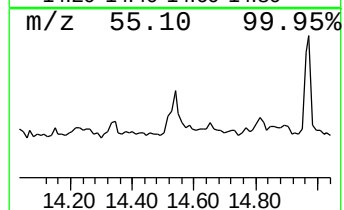
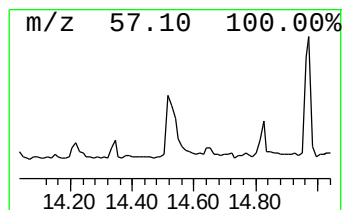
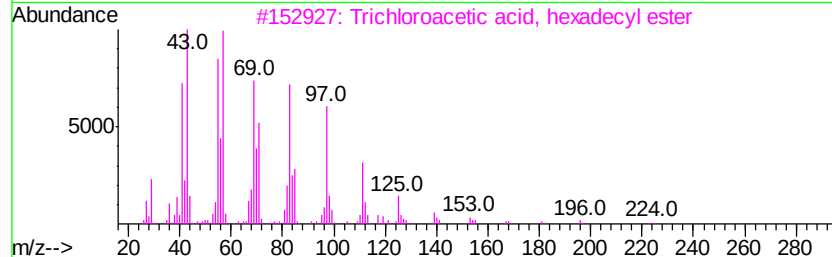
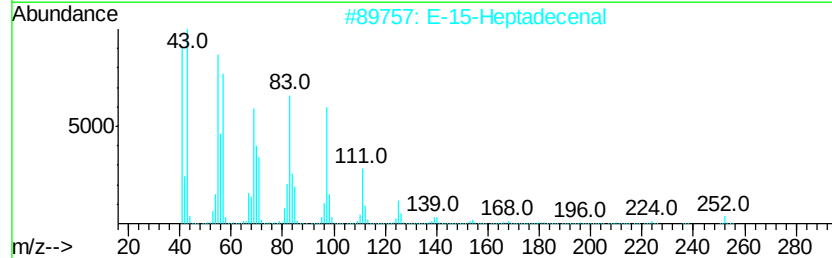
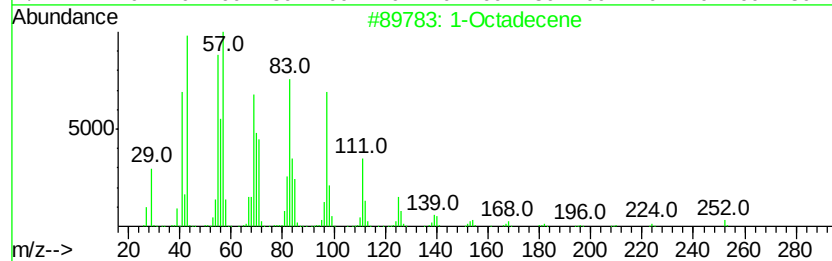
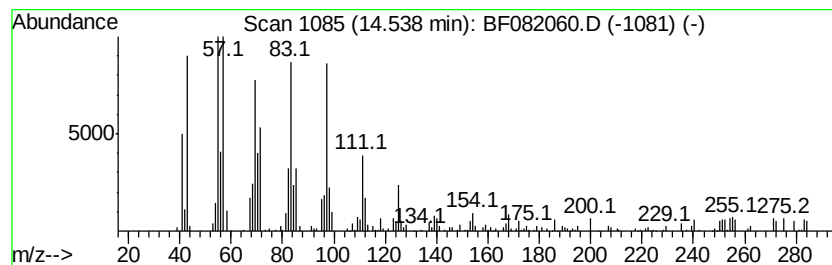
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Octadecene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.54	6.08 ng	169729	Chrysene-d12	14.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	92
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	11-Tricosene	322	C23H46	052078-56-5	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
Data File : BF082060.D
Acq On : 5 Oct 2015 23:00
Operator : UM/IZ
Sample : G3891-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

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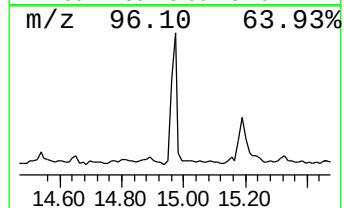
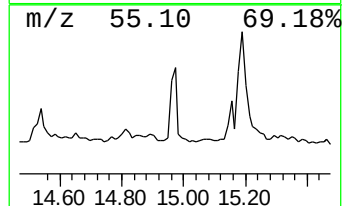
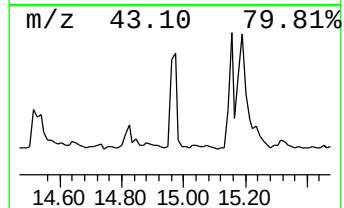
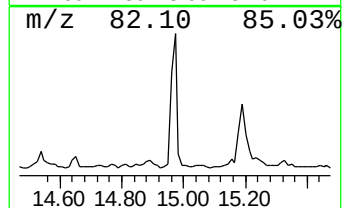
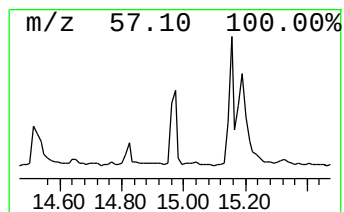
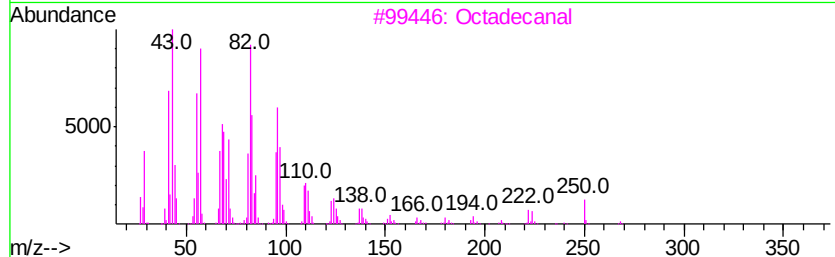
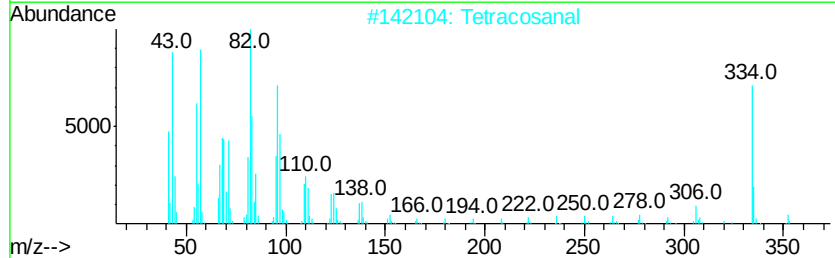
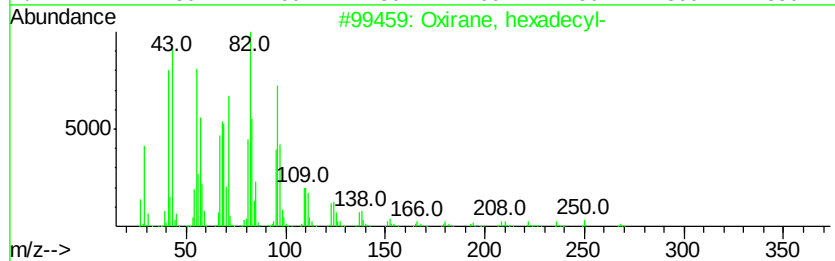
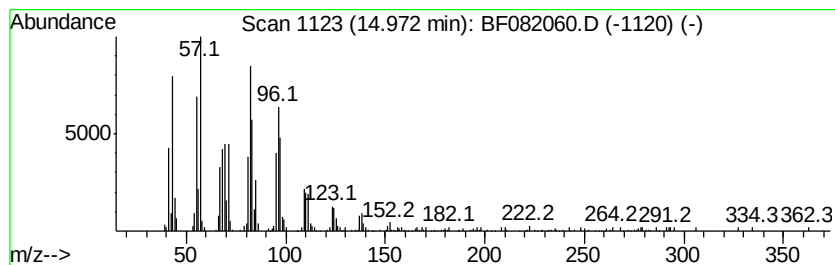
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	12.93 ng	283383	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
2		Tetracosanal	352	C24H48O	057866-08-7	91
3		Octadecanal	268	C18H36O	000638-66-4	90
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
5		1,19-Eicosadiene	278	C20H38	014811-95-1	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082060.D
Acq On : 5 Oct 2015 23:00
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ALS Vial : 17 Sample Multiplier: 1

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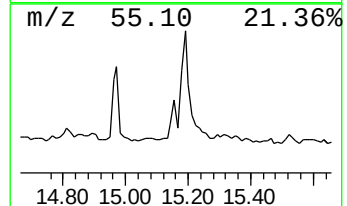
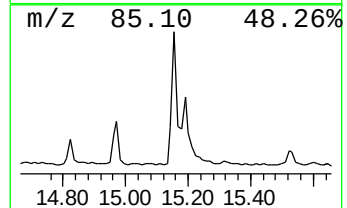
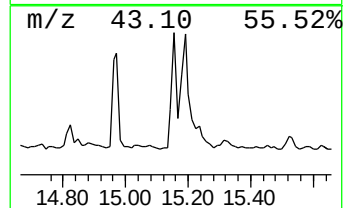
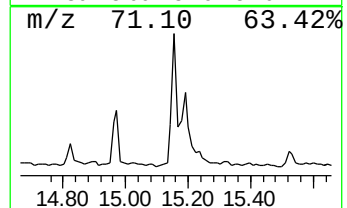
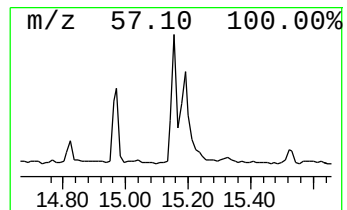
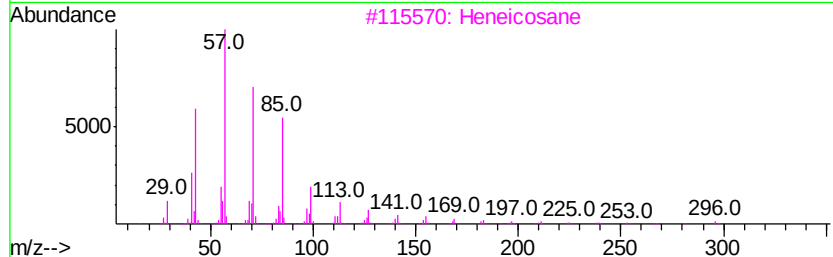
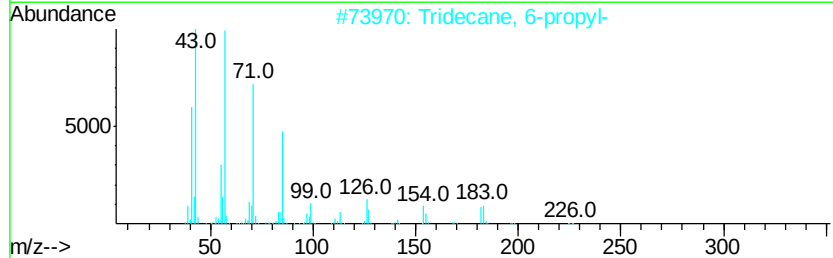
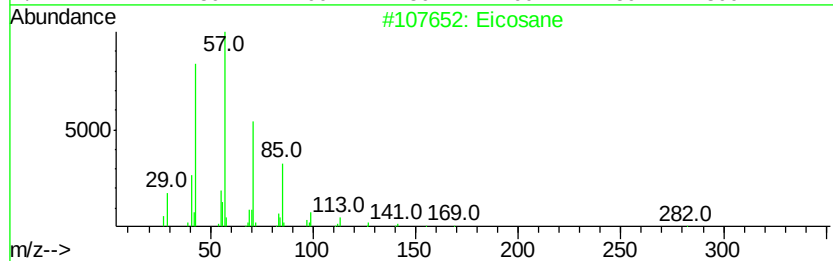
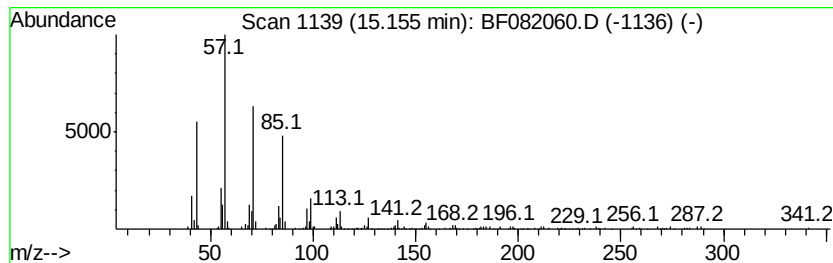
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	7.73 ng	169548	Perylene-d12	15.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	96
2			Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
3			Heneicosane	296	C21H44	000629-94-7	90
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
5			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
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Acq On : 5 Oct 2015 23:00
Operator : UM/IZ
Sample : G3891-05
Misc :
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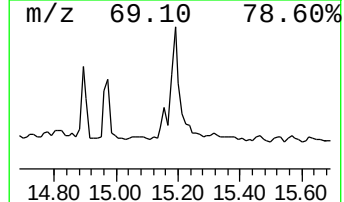
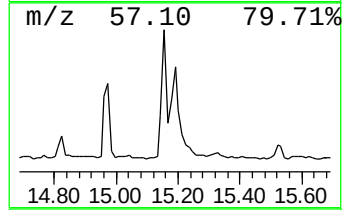
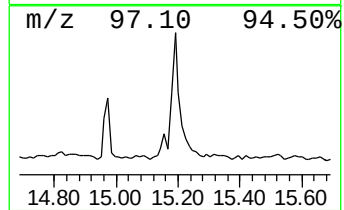
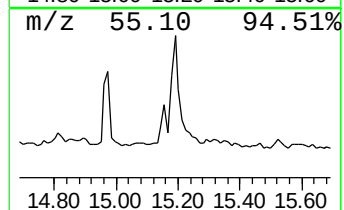
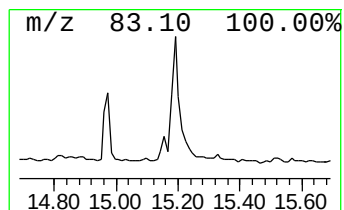
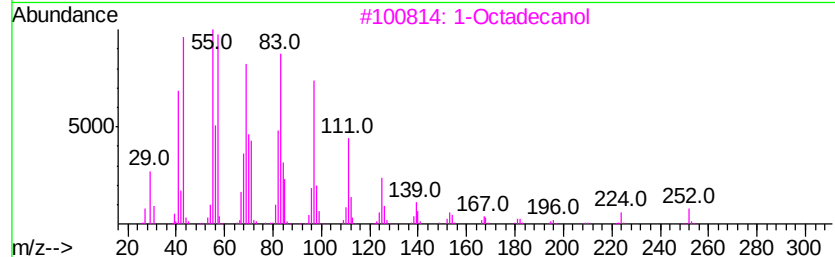
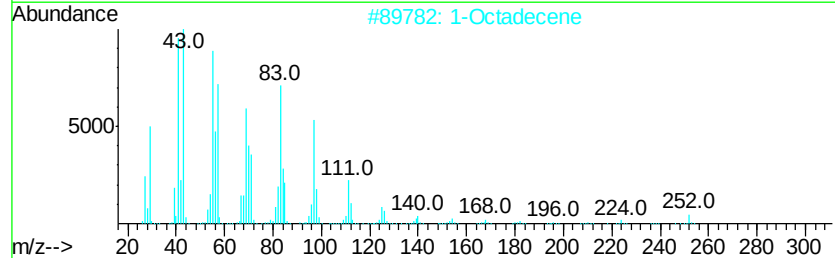
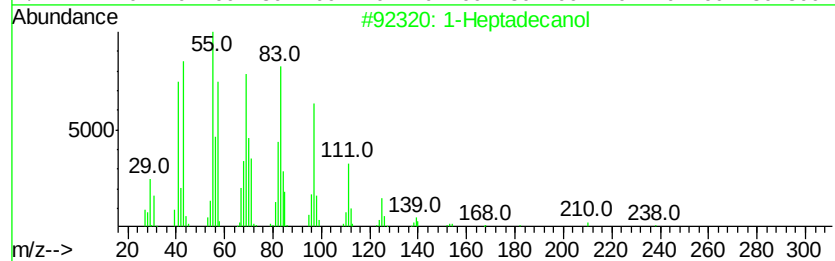
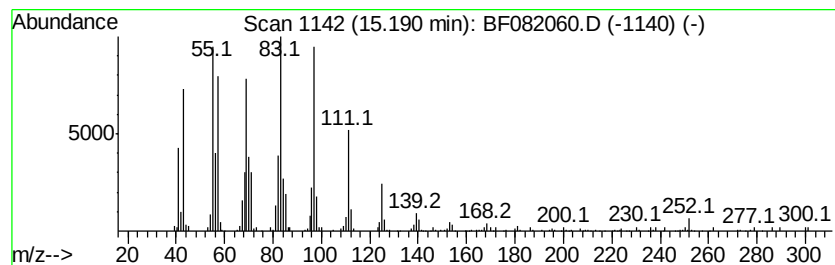
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Heptadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.19	18.64 ng	408651	Perylene-d12	15.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol	256	C17H36O	001454-85-9	90
2	1-Octadecene	252	C18H36	000112-88-9	83
3	1-Octadecanol	270	C18H38O	000112-92-5	70
4	Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	64
5	1-Heptadecene	238	C17H34	006765-39-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
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Acq On : 5 Oct 2015 23:00
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Sample : G3891-05
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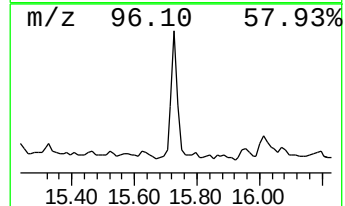
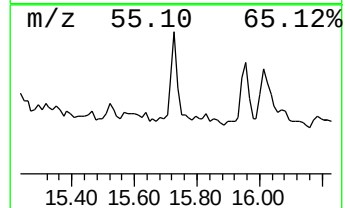
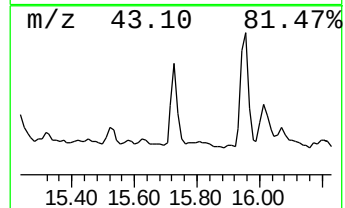
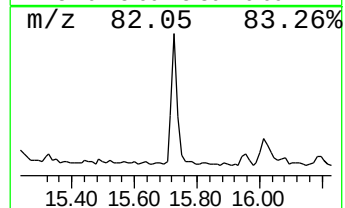
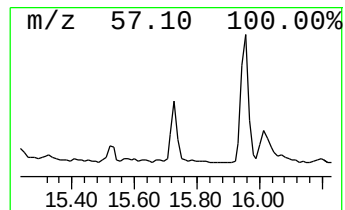
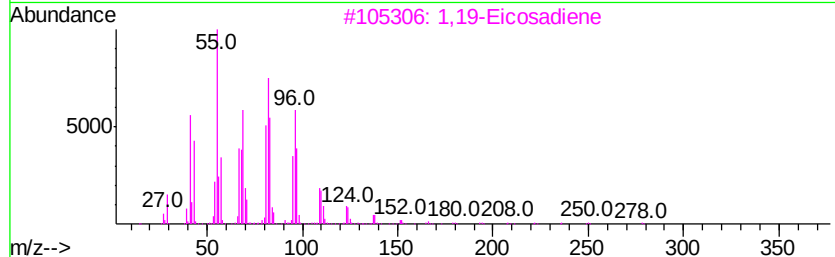
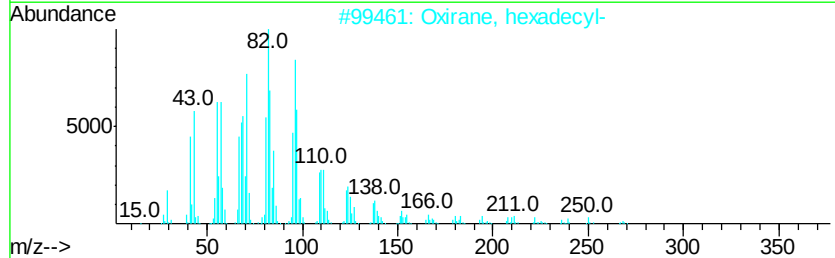
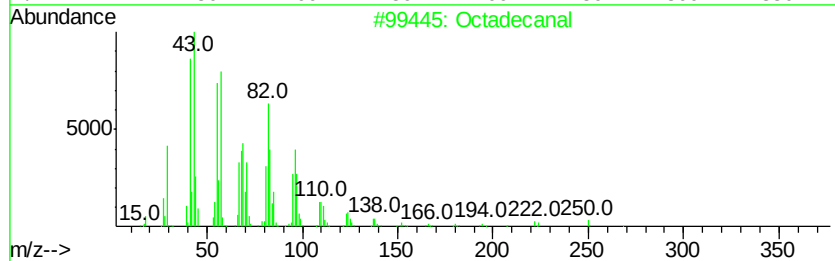
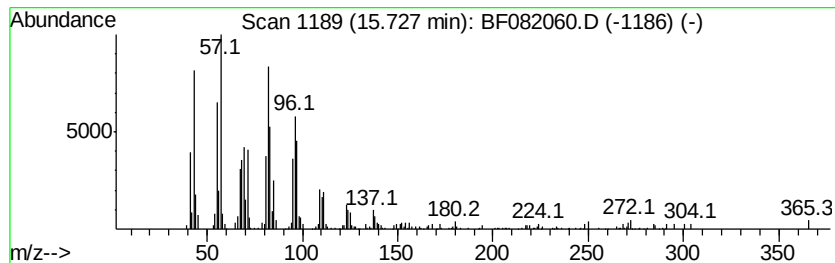
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.73	8.82 ng	193361	Perylene-d12	15.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	90
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	83
3	1,19-Eicosadiene	278	C20H38	014811-95-1	68
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	64
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
Data File : BF082060.D
Acq On : 5 Oct 2015 23:00
Operator : UM/IZ
Sample : G3891-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

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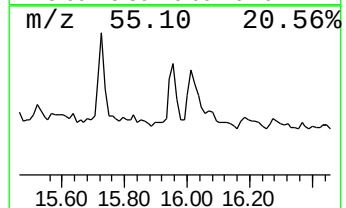
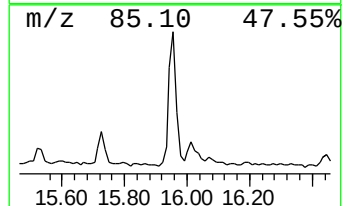
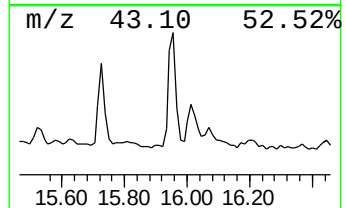
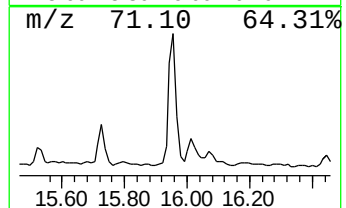
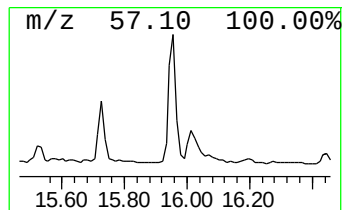
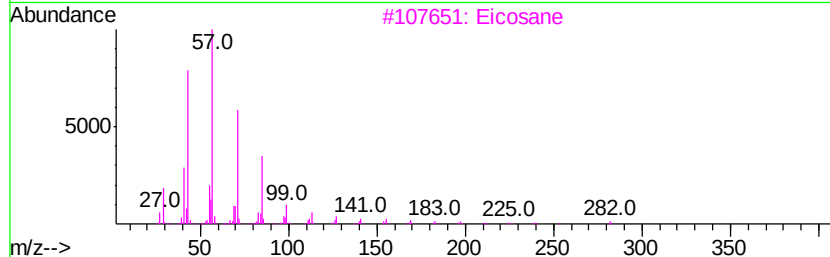
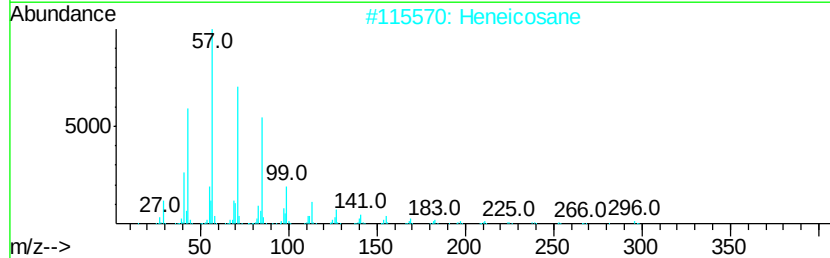
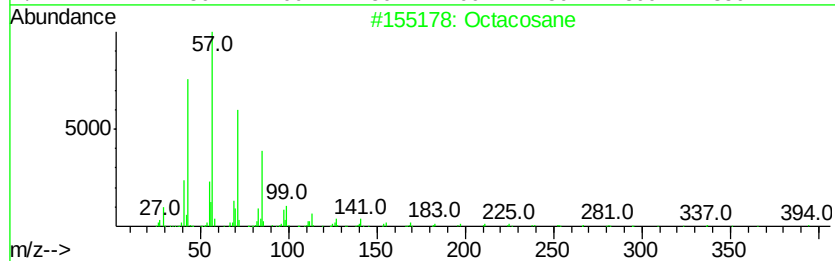
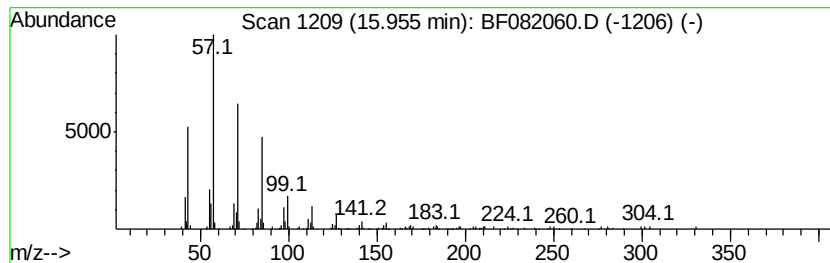
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	9.68 ng	212232	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Eicosane	282	C20H42	000112-95-8	87
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
Data File : BF082060.D
Acq On : 5 Oct 2015 23:00
Operator : UM/IZ
Sample : G3891-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

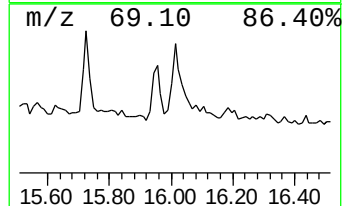
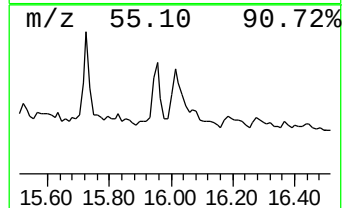
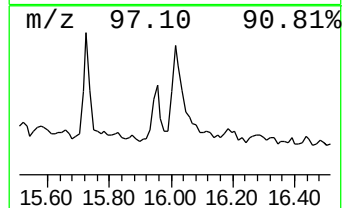
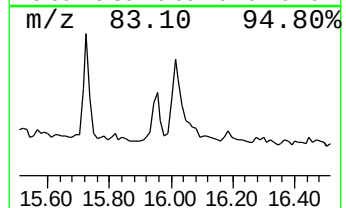
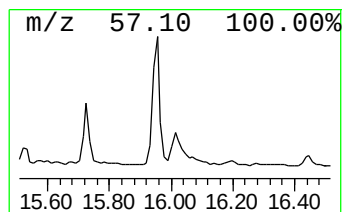
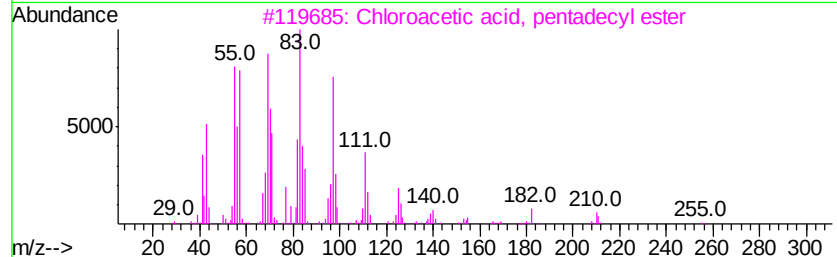
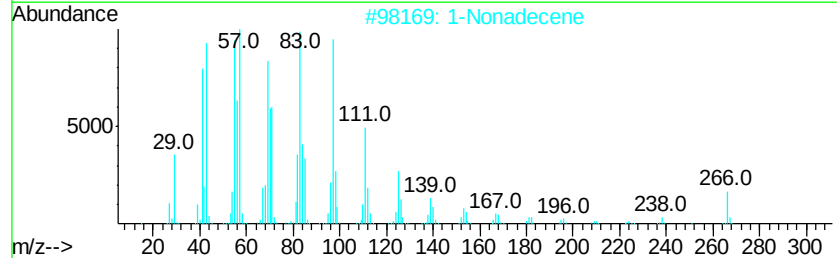
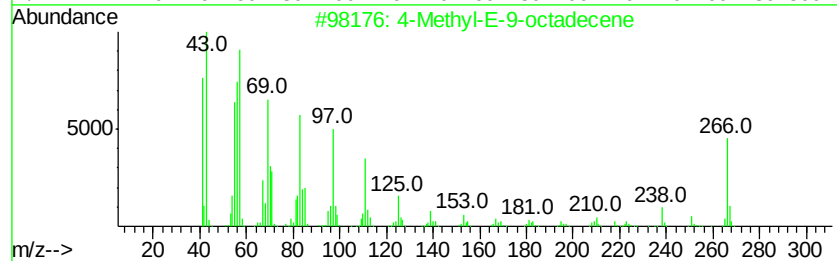
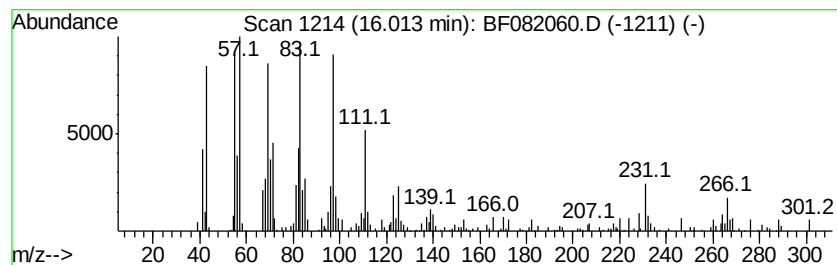
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4-Methyl-E-9-octadecene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.01	6.41 ng	140424	Perylene-d12	15.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	86
2	1-Nonadecene	266	C19H38	018435-45-5	83
3	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	72
4	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	60
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
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Sample : G3891-05
Misc :
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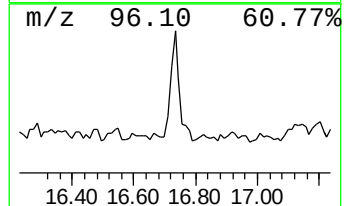
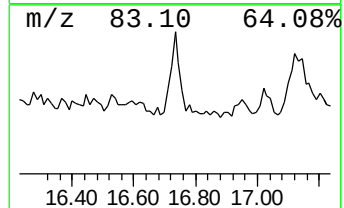
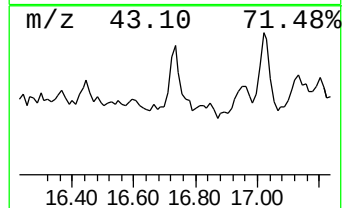
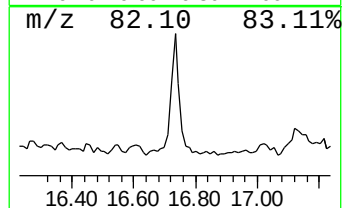
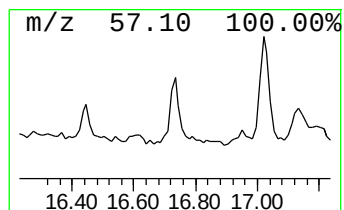
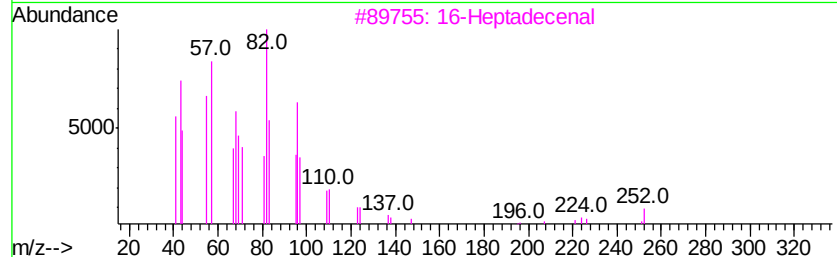
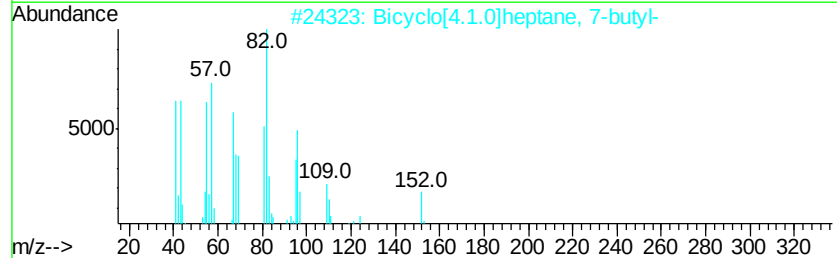
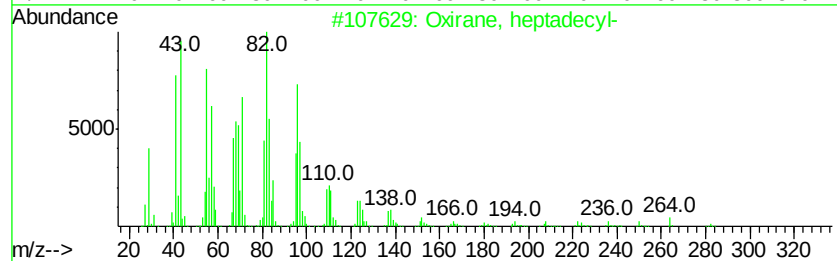
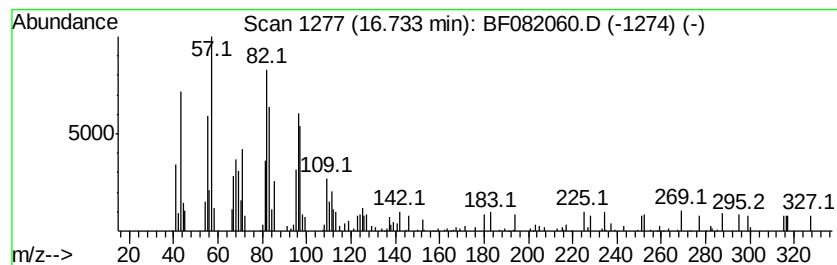
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Bicyclo[4.1.0]heptane, 7-bu... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.73	4.86 ng	106585	Perylene-d12	15.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	70
2	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	60
3	16-Heptadecenal	252	C17H32O	1000144-57-9	60
4	2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	58
5	Octadecanal	268	C18H36O	000638-66-4	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082060.D
Acq On : 5 Oct 2015 23:00
Operator : UM/IZ
Sample : G3891-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
SS-6(0-2)

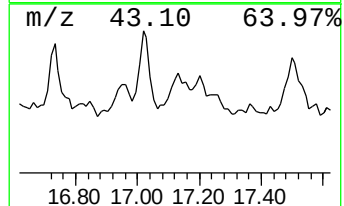
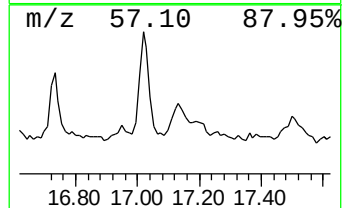
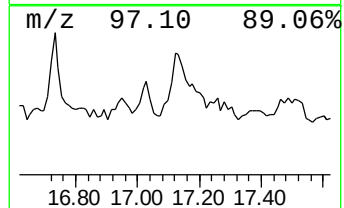
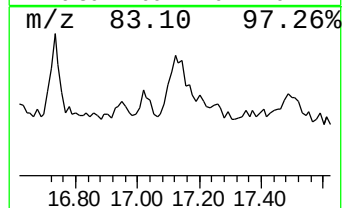
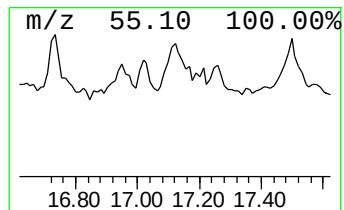
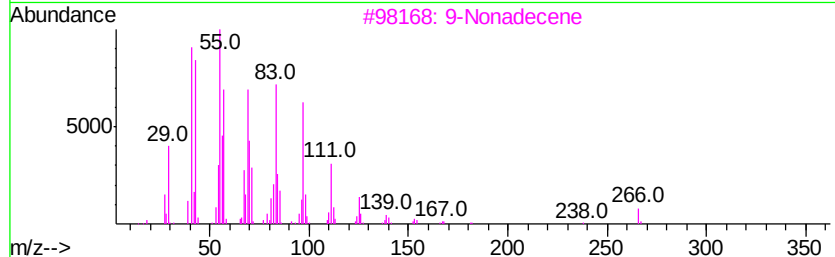
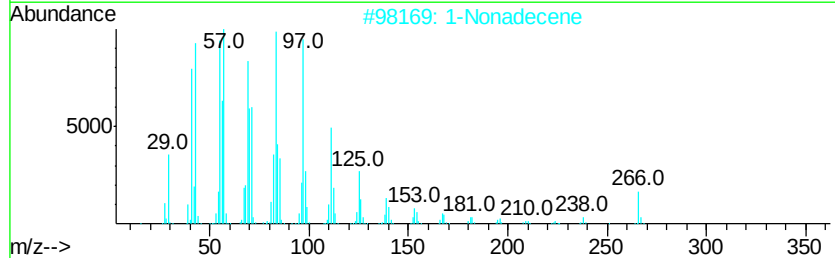
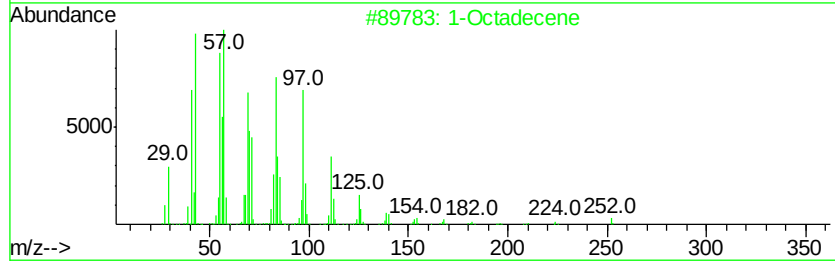
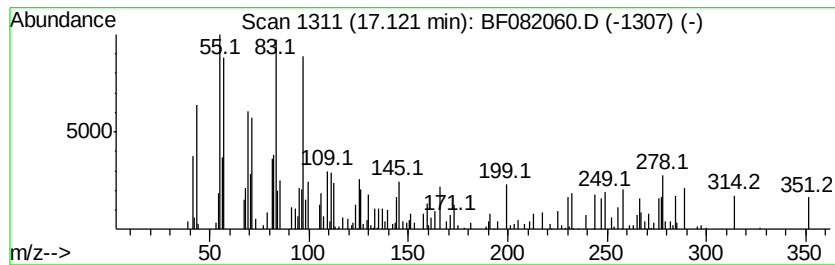
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1-Nonadecene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	5.14 ng	112769	Perylene-d12	15.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecene	252	C18H36	000112-88-9	55
2			1-Nonadecene	266	C19H38	018435-45-5	55
3			9-Nonadecene	266	C19H38	031035-07-1	49
4			5-Octadecene, (E)-	252	C18H36	007206-21-5	46
5			9-Octadecene, (E)-	252	C18H36	007206-25-9	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082060.D
Acq On : 5 Oct 2015 23:00
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Misc :
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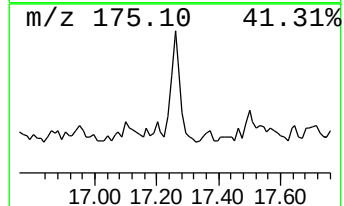
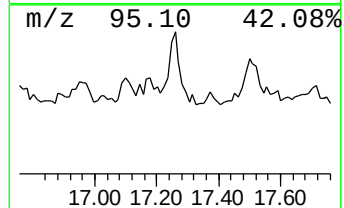
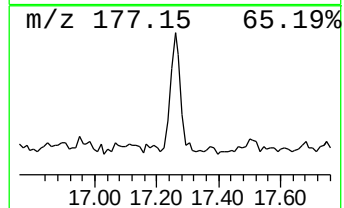
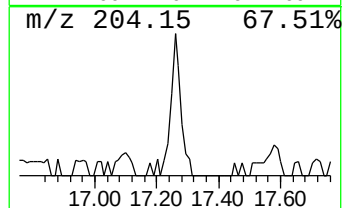
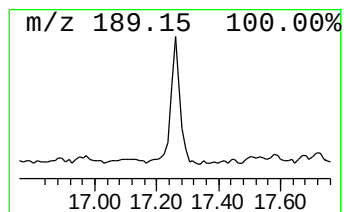
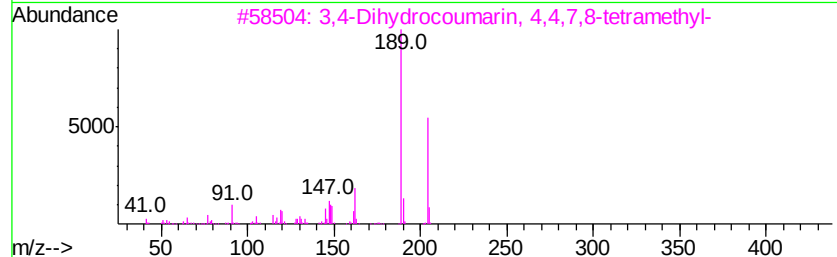
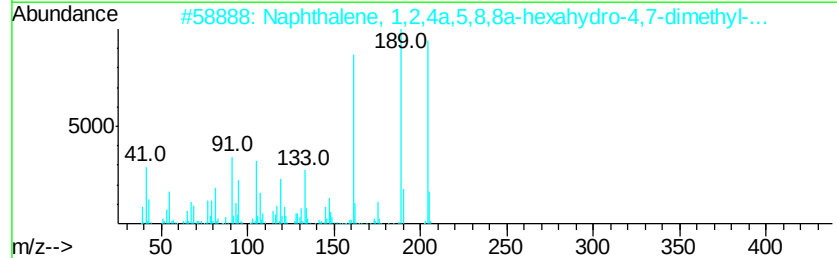
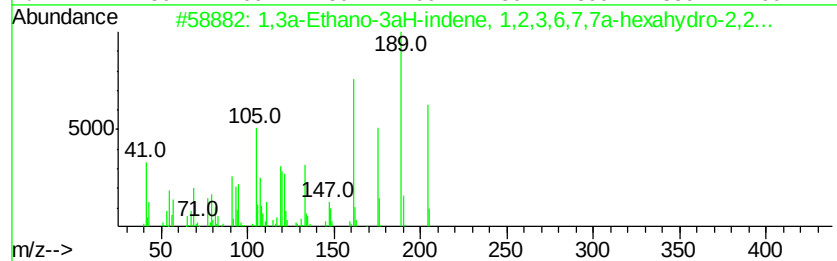
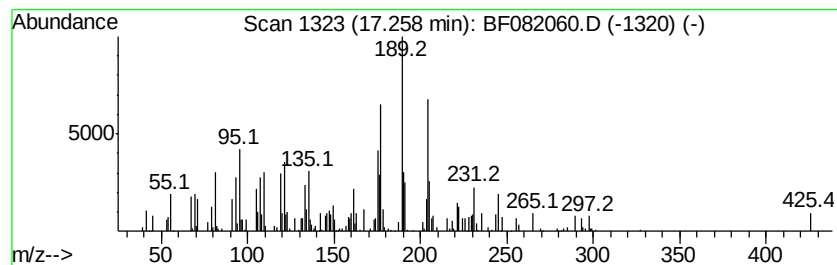
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown17.26 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	8.33 ng	182530	Perylene-d12	15.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	49
2			Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	41
3			3,4-Dihydrocoumarin, 4,4,7,8-tet...	204	C13H16O2	040614-36-6	38
4			1H-Cyclopropafalnaphthalene, 1a,...	204	C15H24	1000147-32-8	35
5			2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082060.D
Acq On : 5 Oct 2015 23:00
Operator : UM/IZ
Sample : G3891-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

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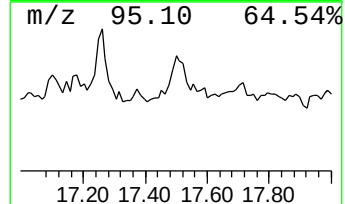
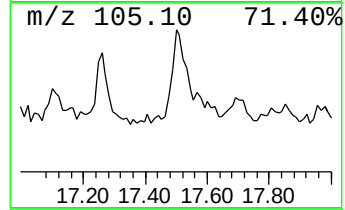
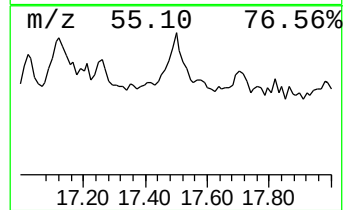
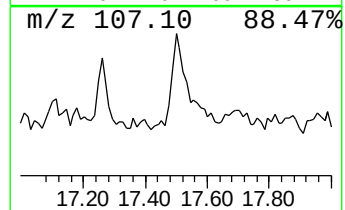
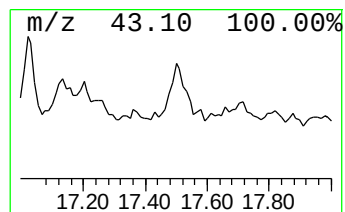
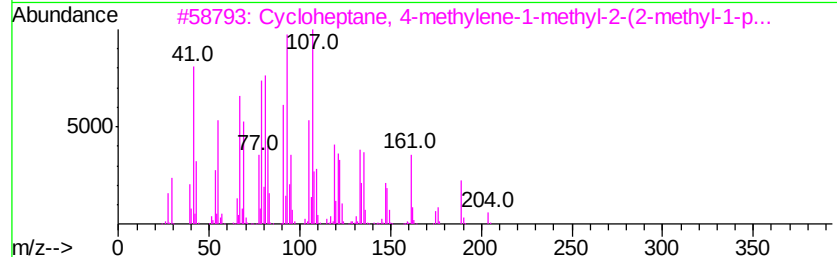
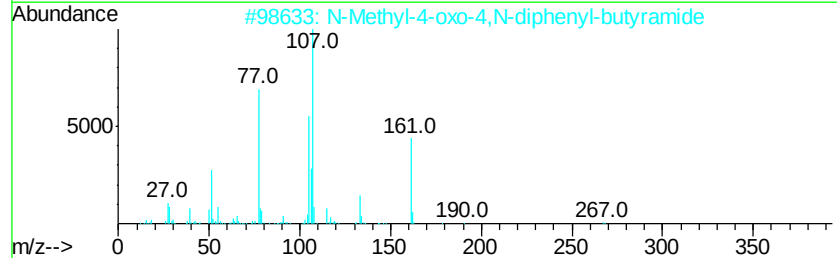
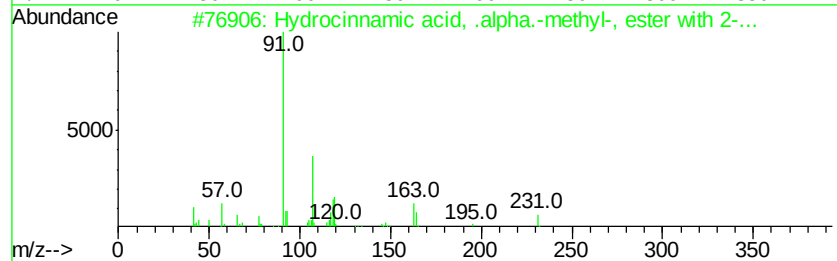
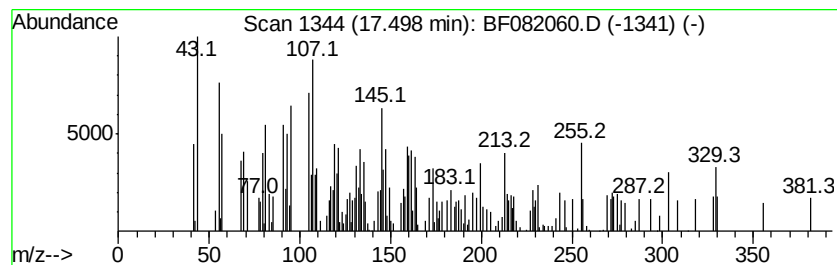
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.50 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	11.77 ng	257905	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrocinnamic acid, .alpha.-meth...	231	C14H17NO2	014025-74-2	25
2		N-Methyl-4-oxo-4,N-diphenyl-buty...	267	C17H17NO2	181872-71-9	25
3		Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	22
4		p-Acrylotoluidide	161	C10H11NO	007766-36-1	22
5		2-Phenoxy-1-phenylethanol	214	C14H14O2	004249-72-3	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
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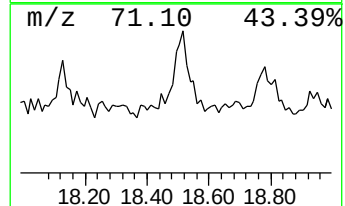
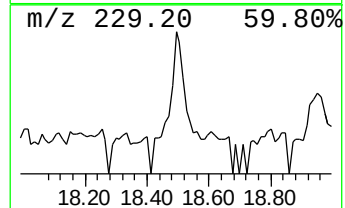
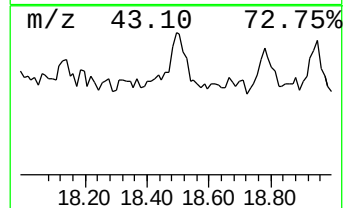
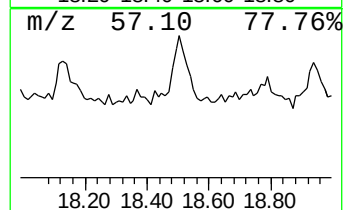
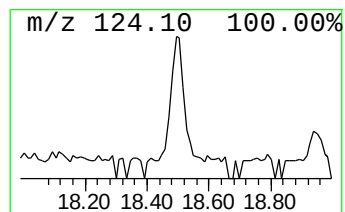
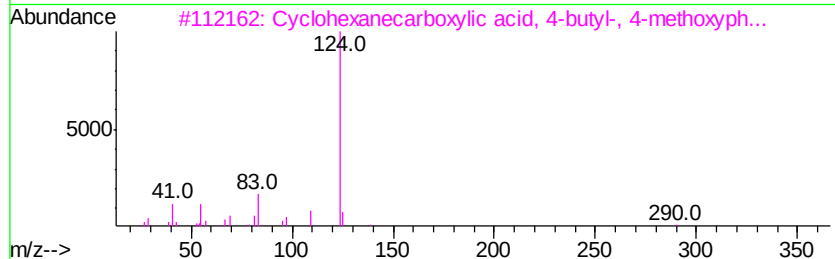
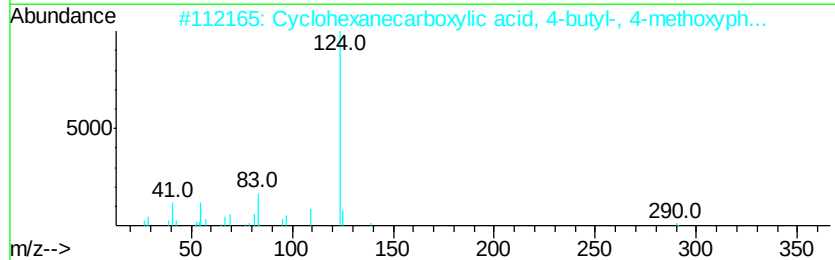
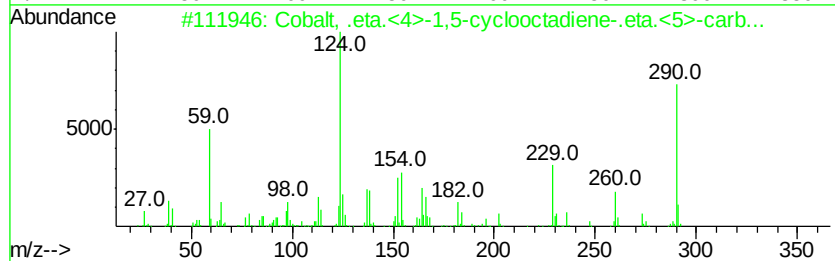
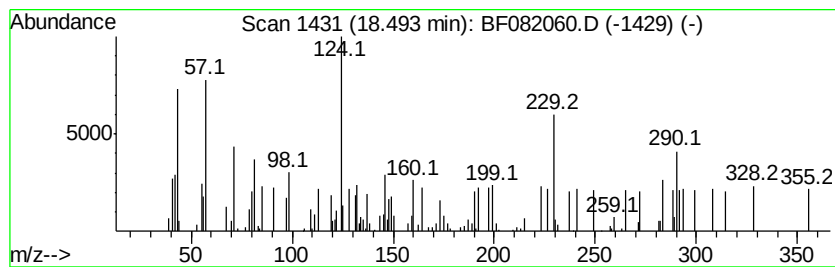
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown18.49 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.49	5.28 ng	115703	Perylene-d12	15.51		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cobalt, .eta.<4>-1,5-cyclooctadi...	290	C15H19CoO2	092468-04-7	35
2		Cyclohexanecarboxylic acid, 4-bu...	290	C18H26O3	067589-46-2	35
3		Cyclohexanecarboxylic acid, 4-bu...	290	C18H26O3	067679-55-4	27
4		Pregn-4-ene-3,20-dione, (10.alpha...	314	C21H30O2	003562-13-8	25
5		3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082060.D
Acq On : 5 Oct 2015 23:00
Operator : UM/IZ
Sample : G3891-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

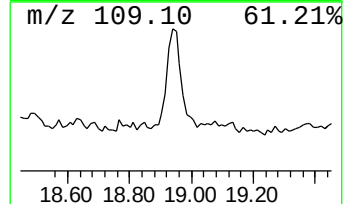
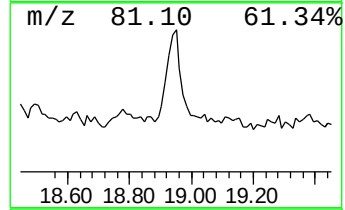
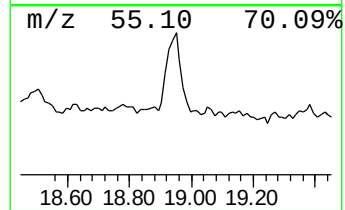
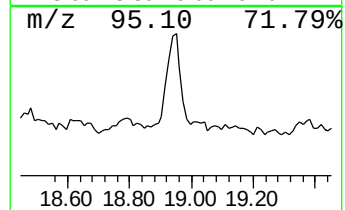
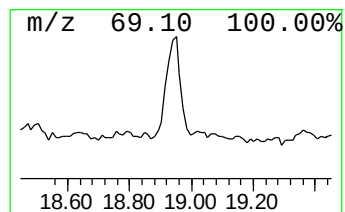
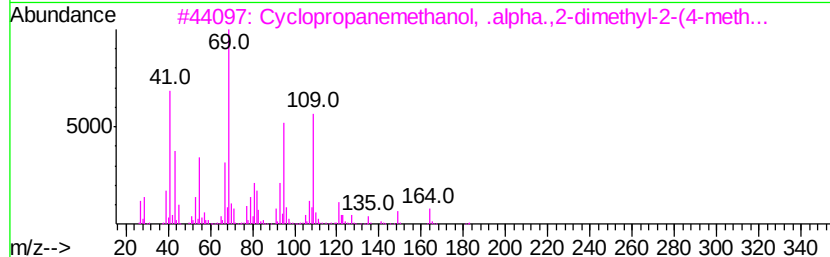
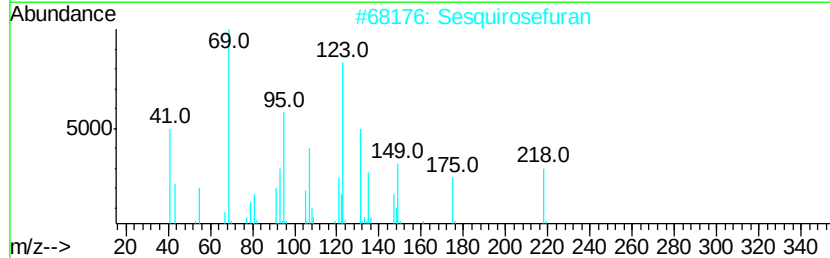
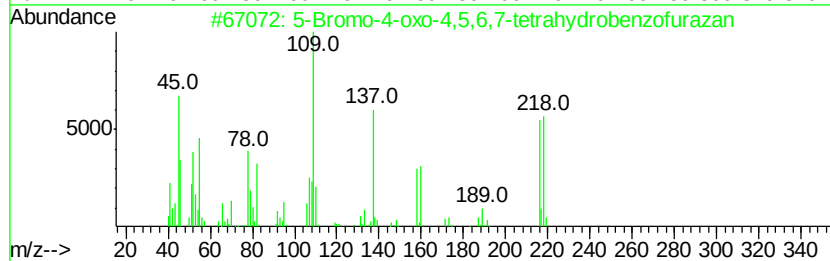
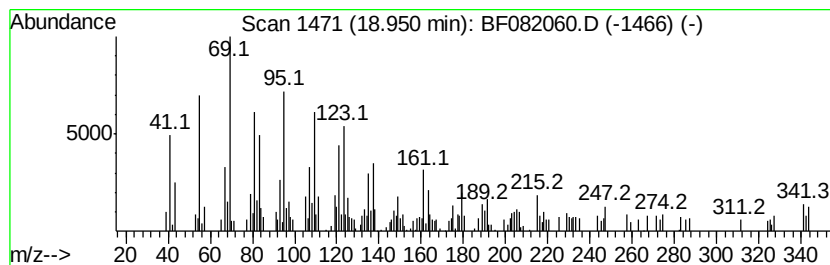
Instrument :
BNA_F
ClientSampleId :
SS-6(0-2)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.95	13.72 ng	300812	Perylene-d12	15.51		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59	
2	Sesquirosefuran	218	C15H22O	039007-93-7	50	
3	Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	46	
4	Longifolenaldehyde	220	C15H24O	019890-84-7	44	
5	4-(1,3,3-Trimethyl-bicyclo[4.1.0...	206	C14H22O	077143-31-8	38	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082060.D
 Acq On : 5 Oct 2015 23:00
 Operator : UM/IZ
 Sample : G3891-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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
2-Pentanone, 4-hy...	5.07	44.6	ng	1181900	1	6.88	530300	20.0
unknown6.65	6.65	80.4	ng	2131130	1	6.88	530300	20.0
Hexadecane	10.82	7.7	ng	236839	4	11.42	618785	20.0
n-Hexadecanoic acid	11.94	10.3	ng	318688	4	11.42	618785	20.0
unknown12.72	12.72	4.3	ng	132538	4	11.42	618785	20.0
Heptafluorobutano...	13.90	11.5	ng	320188	5	14.06	558504	20.0
1-Octadecene	14.54	6.1	ng	169729	5	14.06	558504	20.0
Oxirane, hexadecyl-	14.97	12.9	ng	283383	6	15.51	438418	20.0
Eicosane	15.16	7.7	ng	169548	6	15.51	438418	20.0
1-Heptadecanol	15.19	18.6	ng	408651	6	15.51	438418	20.0
Octadecanal	15.73	8.8	ng	193361	6	15.51	438418	20.0
Octacosane	15.96	9.7	ng	212232	6	15.51	438418	20.0
4-Methyl-E-9-octa...	16.01	6.4	ng	140424	6	15.51	438418	20.0
Bicyclo[4.1.0]hep...	16.73	4.9	ng	106585	6	15.51	438418	20.0
1-Nonadecene	17.12	5.1	ng	112769	6	15.51	438418	20.0
unknown17.26	17.26	8.3	ng	182530	6	15.51	438418	20.0
unknown17.50	17.50	11.8	ng	257905	6	15.51	438418	20.0
unknown18.49	18.49	5.3	ng	115703	6	15.51	438418	20.0
5-Bromo-4-oxo-4,5...	18.95	13.7	ng	300812	6	15.51	438418	20.0