

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082303.D
 Acq On : 15 Oct 2015 12:18
 Operator : UM/IZ
 Sample : G4015-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-8

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-BF101015.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	4.320	188	191	196	rBV	46384	64615	1.33%	0.104%
2	4.994	247	250	253	rBV	841576	1172034	24.19%	1.887%
3	5.417	285	287	290	rBV	1488225	1425939	29.43%	2.295%
4	6.457	376	378	381	rBV	1138586	1629031	33.62%	2.622%
5	6.595	387	390	392	rBV	1536183	1743378	35.98%	2.806%
6	6.823	408	410	412	rBV	526499	448708	9.26%	0.722%
7	6.983	421	424	426	rBV	1291043	1507100	31.10%	2.426%
8	7.395	457	460	462	rBV	1136322	1119024	23.09%	1.801%
9	8.115	520	523	525	rBV	606036	580557	11.98%	0.935%
10	9.189	615	617	620	rBV	1666494	2229372	46.01%	3.589%
11	9.589	649	652	654	rBV	379161	326570	6.74%	0.526%
12	9.875	674	677	679	rBV	686799	709706	14.65%	1.142%
13	10.081	693	695	697	rVB	106440	90453	1.87%	0.146%
14	10.298	713	714	716	rVB	97904	73113	1.51%	0.118%
15	10.515	731	733	736	rBV	63682	96086	1.98%	0.155%
16	10.664	743	746	750	rBV	1048286	1108391	22.87%	1.784%
17	10.778	754	756	759	rBV	294453	425027	8.77%	0.684%
18	10.869	760	764	766	rBV3	36991	77961	1.61%	0.126%
19	10.984	770	774	777	rVV2	34378	112406	2.32%	0.181%
20	11.224	793	795	796	rBV	431769	396376	8.18%	0.638%
21	11.258	796	798	800	rVB	268668	323203	6.67%	0.520%
22	11.315	801	803	805	rBV2	86868	122543	2.53%	0.197%
23	11.361	805	807	809	rBV	754450	759864	15.68%	1.223%
24	11.406	809	811	815	rVB3	98286	204974	4.23%	0.330%
25	11.475	815	817	818	rBV	65668	92797	1.92%	0.149%
26	11.498	818	819	821	rBV2	105054	138220	2.85%	0.223%
27	11.532	821	822	824	rBV	115400	158986	3.28%	0.256%
28	11.589	824	827	830	rBV2	744658	1121289	23.14%	1.805%
29	11.658	830	833	835	rBV	1273981	1216816	25.11%	1.959%
30	11.715	835	838	839	rVB2	67396	128898	2.66%	0.208%
31	11.818	845	847	852	rBV3	357037	1083573	22.36%	1.744%
32	11.898	852	854	855	rBV	312775	407894	8.42%	0.657%
33	11.955	858	859	862	rVV3	242203	515557	10.64%	0.830%
34	12.001	862	863	865	rVV2	260639	329417	6.80%	0.530%

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35	12.069	867	869	871	rVV	1373802	1351750	27.90%	2.176%
36	12.138	873	875	876	rVV	215395	307989	6.36%	0.496%
37	12.184	876	879	881	rVV2	379301	592114	12.22%	0.953%
38	12.241	881	884	887	rBV4	379350	1115881	23.03%	1.796%
39	12.355	892	894	895	rVV	747515	1009629	20.84%	1.625%
40	12.424	898	900	902	rVV	906315	1238763	25.56%	1.994%
41	12.469	902	904	906	rVV	1250758	1308711	27.01%	2.107%
42	12.572	911	913	915	rVV2	319452	506757	10.46%	0.816%
43	12.687	922	923	924	rBV	470692	411195	8.49%	0.662%
44	12.858	934	938	941	rBV2	3243936	4845570	100.00%	7.800%
45	12.984	946	949	953	rBV2	1779679	3027634	62.48%	4.874%
46	13.224	968	970	972	rVB2	1064512	1418658	29.28%	2.284%
47	13.361	980	982	985	rBV	574100	752718	15.53%	1.212%
48	13.441	987	989	993	rBV3	485077	1189537	24.55%	1.915%
49	13.601	1000	1003	1007	rBV	1788615	2239555	46.22%	3.605%
50	13.967	1033	1035	1040	rVB2	1407896	2127359	43.90%	3.425%
51	14.104	1045	1047	1052	rVB2	1406396	2712734	55.98%	4.367%
52	14.321	1064	1066	1071	rVB2	1254063	2143797	44.24%	3.451%
53	14.435	1074	1076	1079	rVV	512445	784664	16.19%	1.263%
54	14.687	1095	1098	1099	rBV	1298735	1781554	36.77%	2.868%
55	15.041	1127	1129	1133	rVB	941219	1181122	24.38%	1.901%
56	15.395	1158	1160	1162	rBV	852741	992273	20.48%	1.597%
57	15.773	1191	1193	1199	rVB	527670	961607	19.85%	1.548%
58	16.218	1229	1232	1235	rBV	934317	1551255	32.01%	2.497%
59	16.710	1273	1275	1278	rVB	305701	546417	11.28%	0.880%
60	16.847	1284	1287	1294	rVB2	397510	1062961	21.94%	1.711%
61	17.293	1323	1326	1330	rVB	226718	456154	9.41%	0.734%
62	17.727	1360	1364	1369	rVB2	453756	1186429	24.48%	1.910%
63	19.350	1501	1506	1516	rVB	299745	1374732	28.37%	2.213%

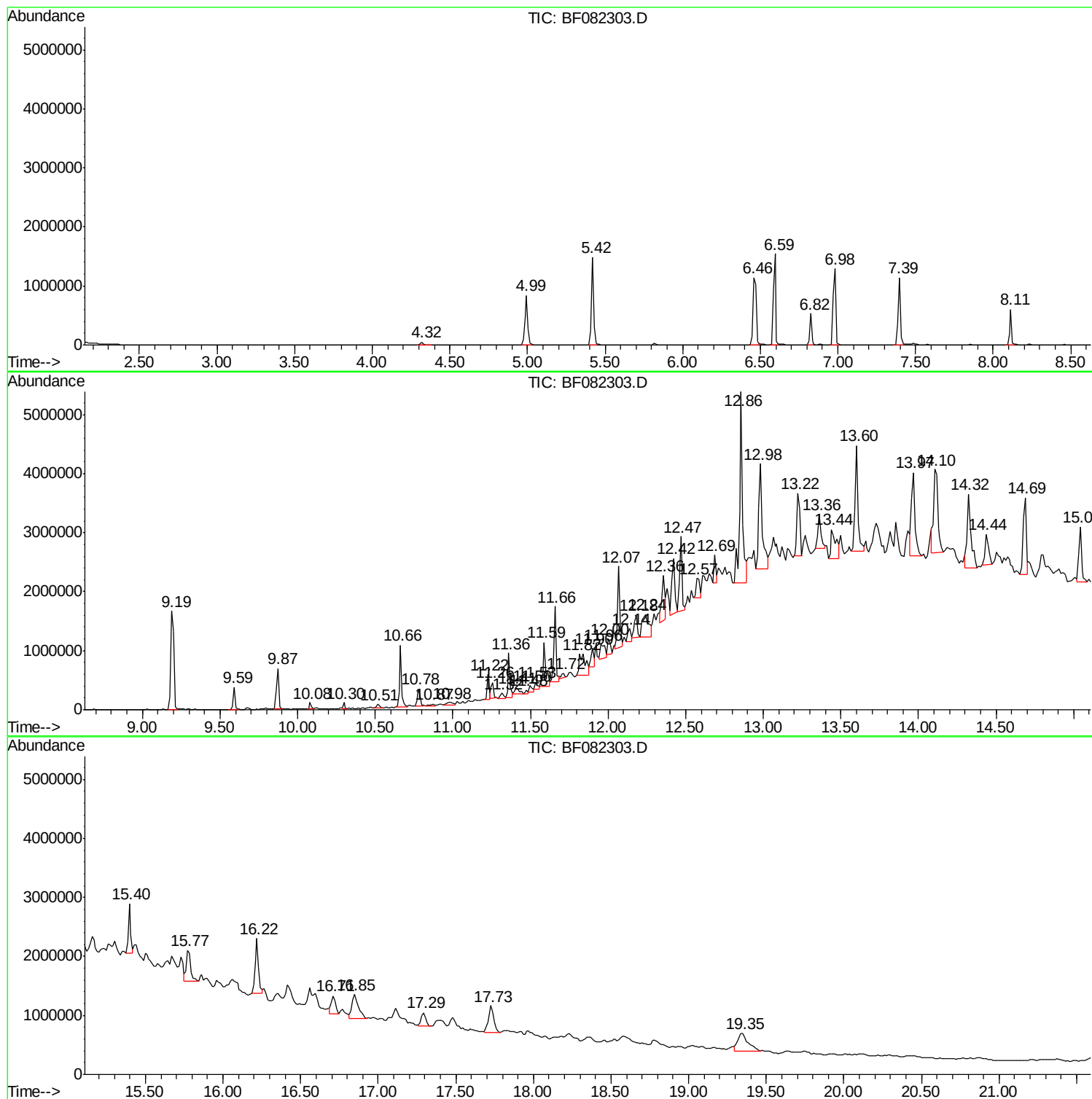
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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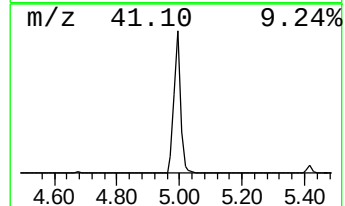
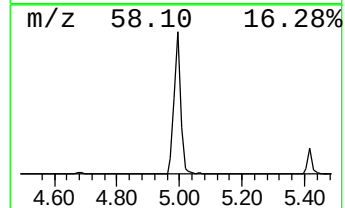
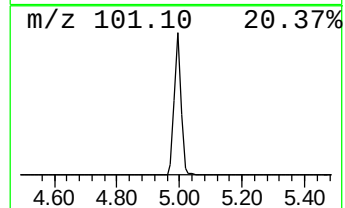
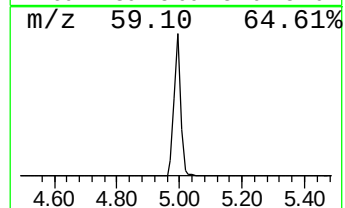
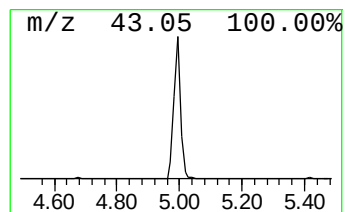
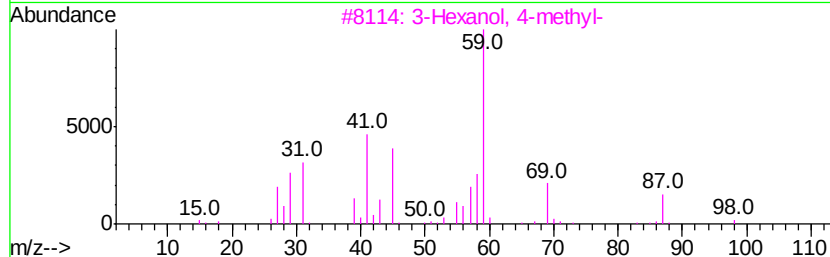
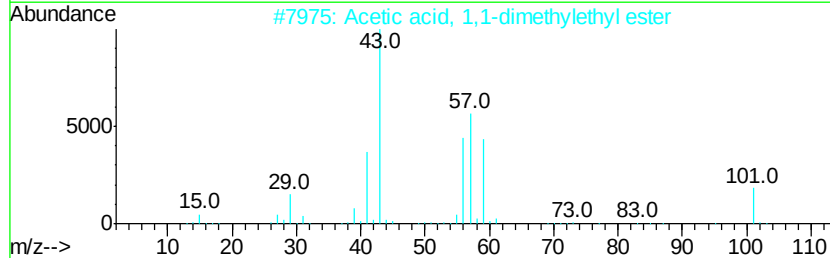
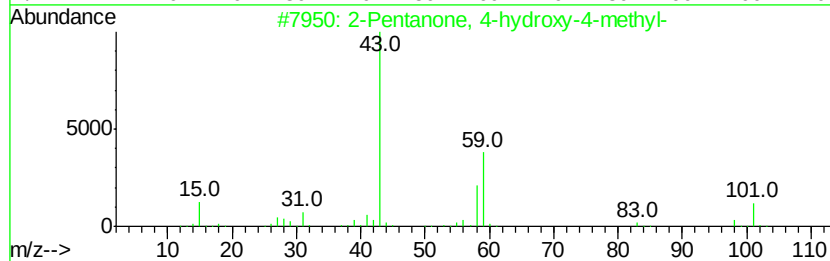
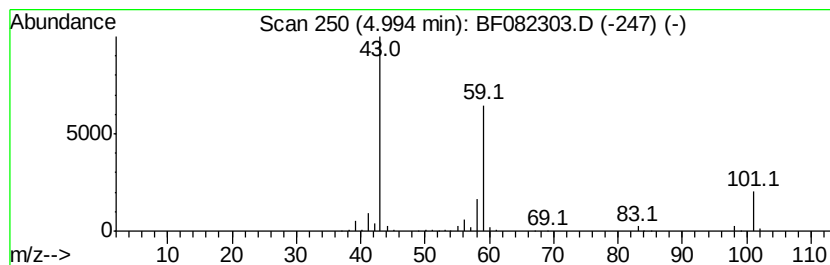
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.99	52.24 ng	1172030	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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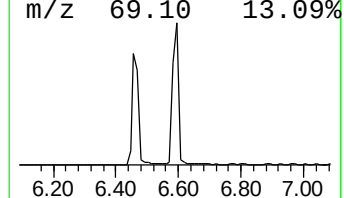
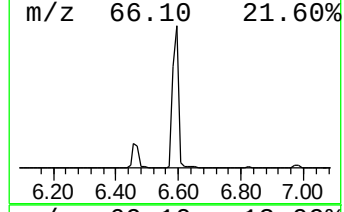
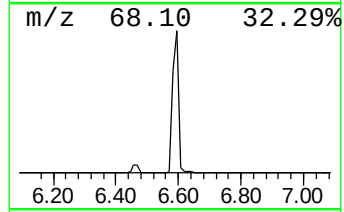
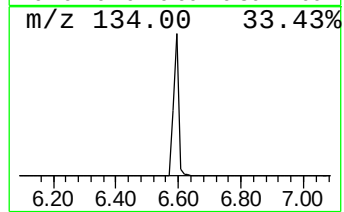
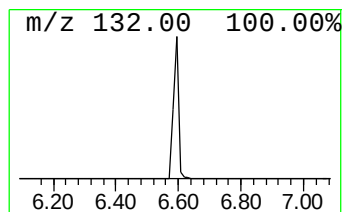
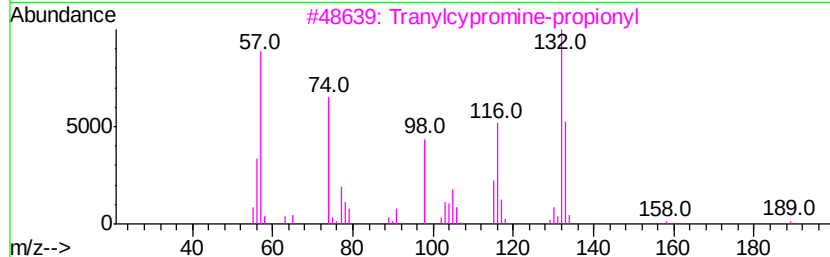
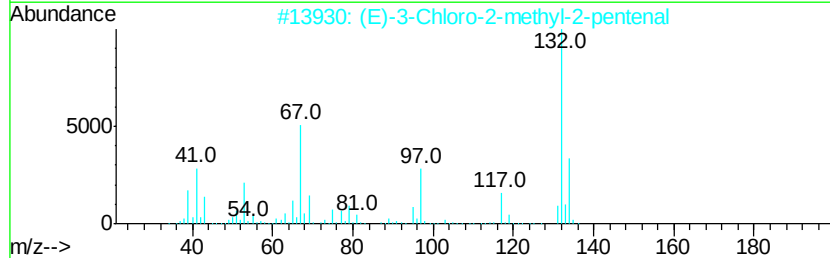
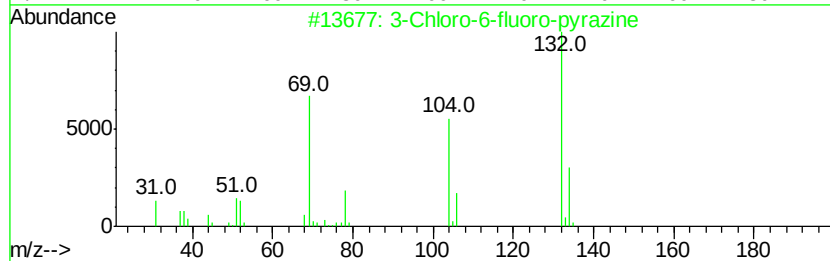
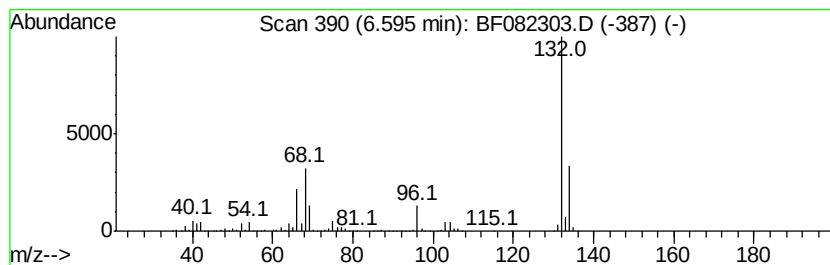
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	77.71 ng	1743380	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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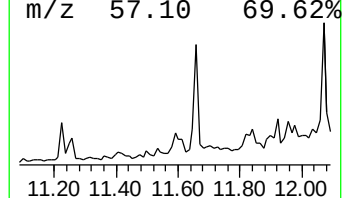
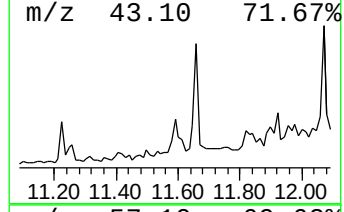
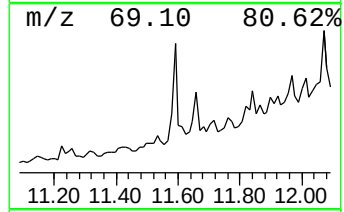
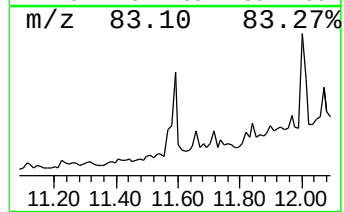
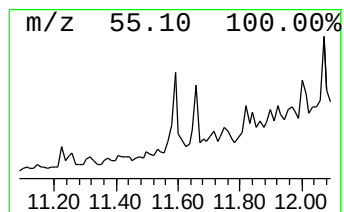
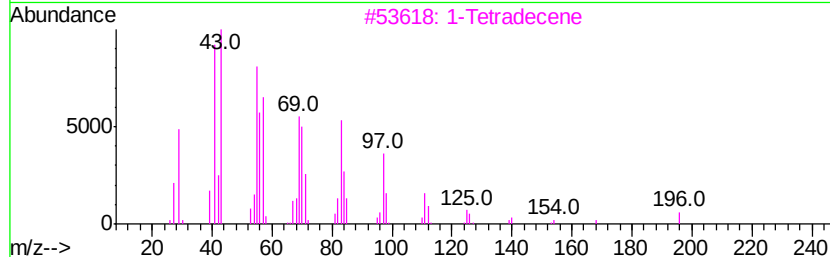
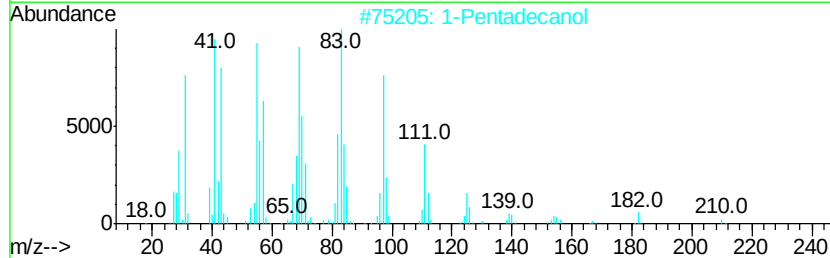
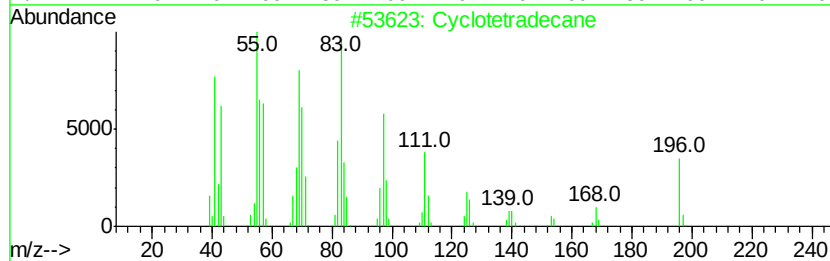
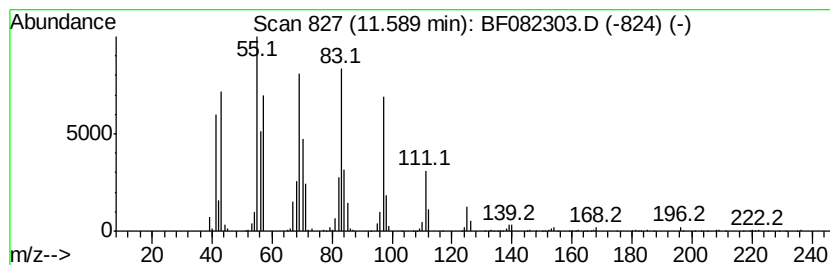
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Peak Number 4 Cyclotetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	29.51 ng	1121290	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	1-Pentadecanol	228	C15H32O	000629-76-5	91
3	1-Tetradecene	196	C14H28	001120-36-1	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	91



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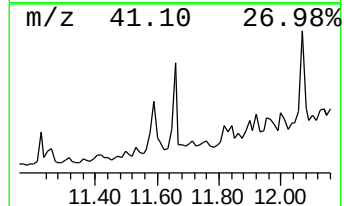
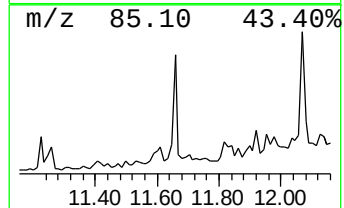
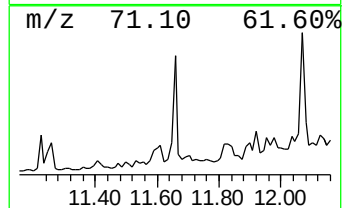
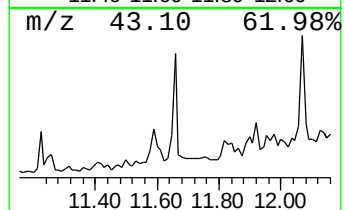
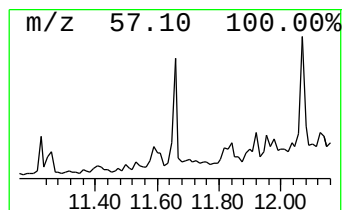
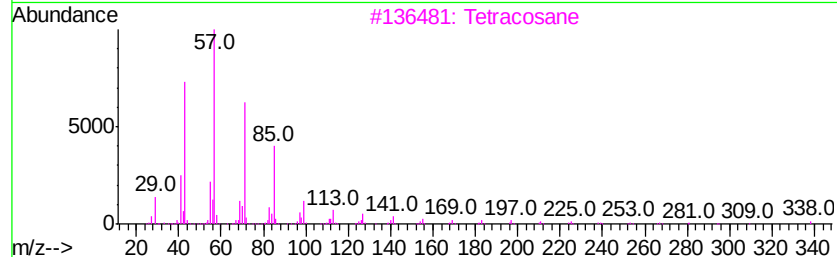
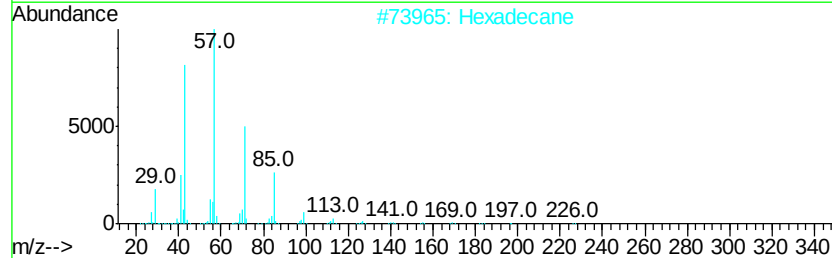
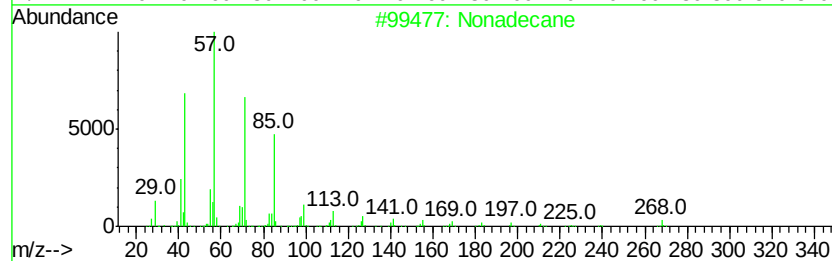
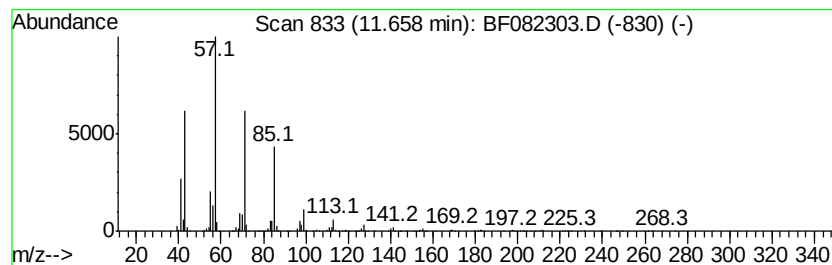
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	32.03 ng	1216820	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	97
2	Hexadecane		226	C16H34	000544-76-3	90
3	Tetracosane		338	C24H50	000646-31-1	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86



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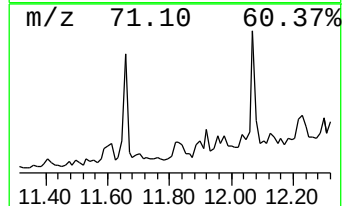
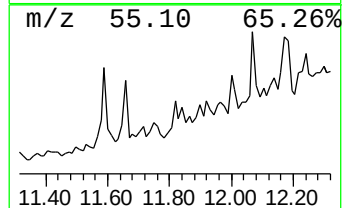
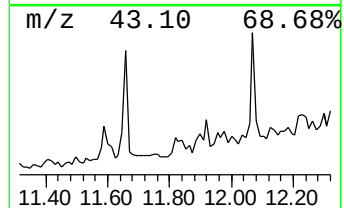
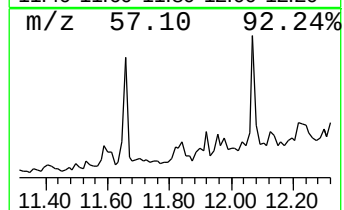
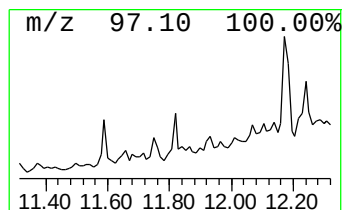
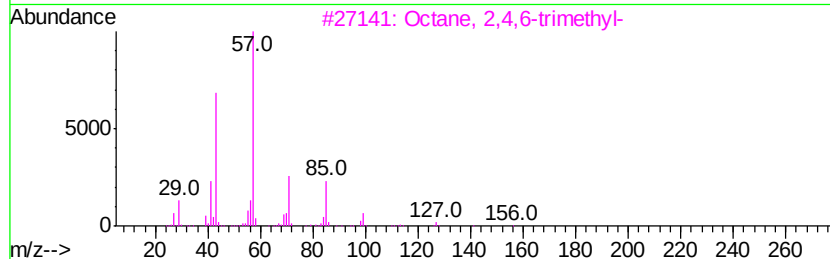
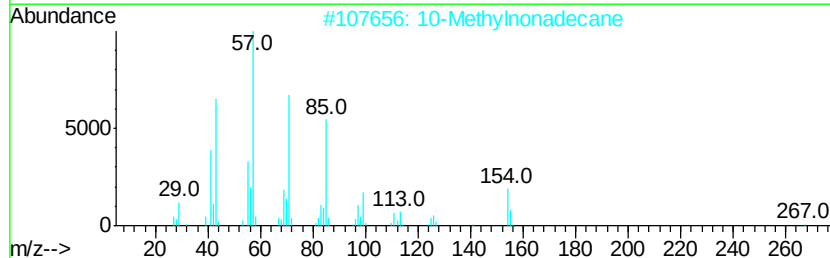
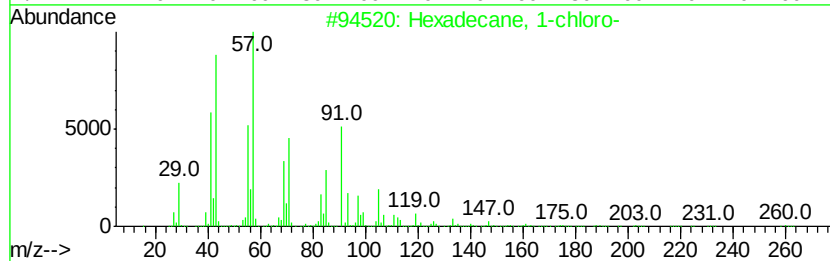
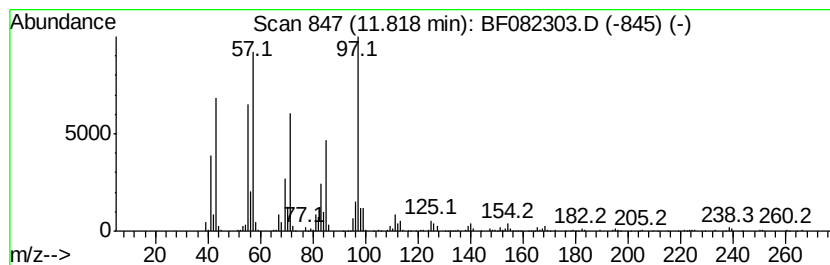
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane, 1-chloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.82	28.52 ng	1083570	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	55
2	10-Methylnonadecane	282	C20H42	056862-62-5	46
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	43
4	Tetradecane	198	C14H30	000629-59-4	43
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082303.D
Acq On : 15 Oct 2015 12:18
Operator : UM/IZ
Sample : G4015-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LF-8

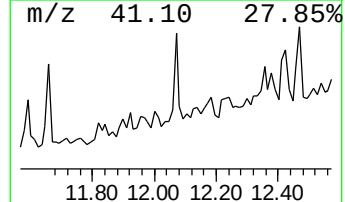
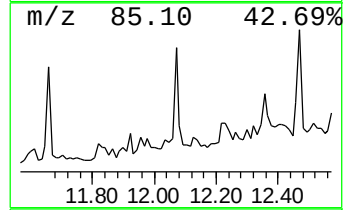
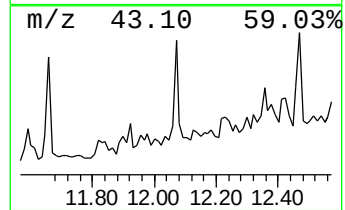
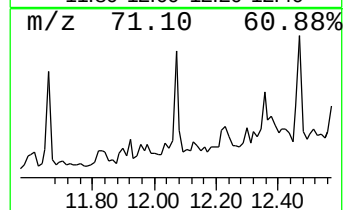
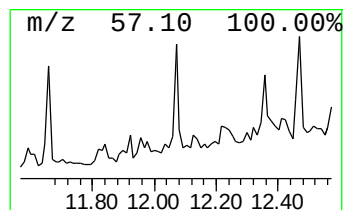
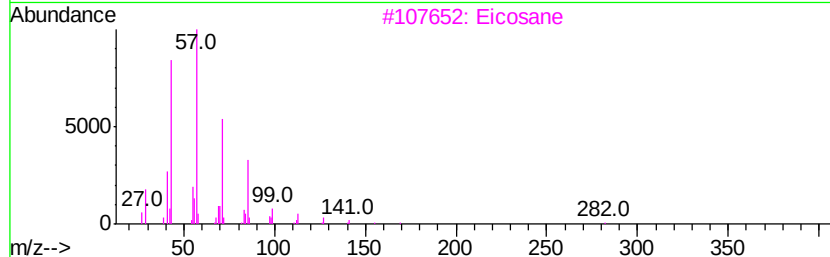
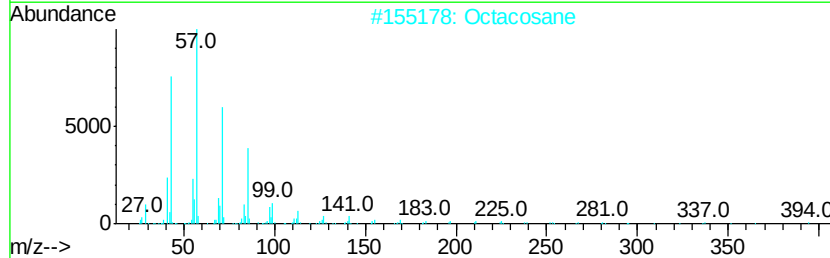
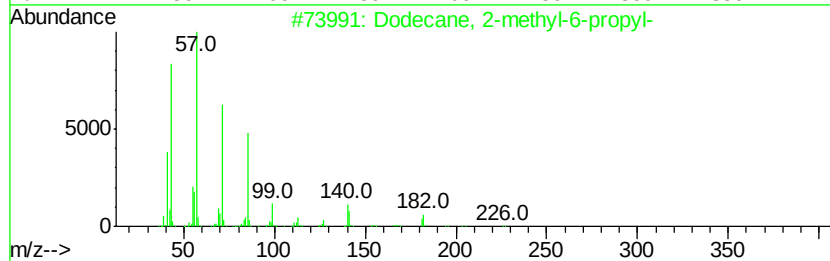
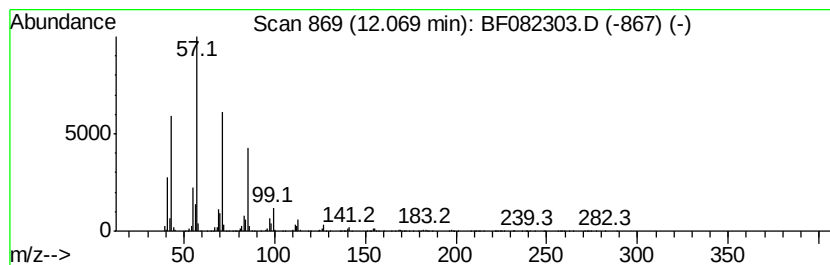
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2-methyl-6-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	35.58 ng	1351750	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Eicosane	282	C20H42	000112-95-8	91
4			Hexadecane	226	C16H34	000544-76-3	90
5			Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
Data File : BF082303.D
Acq On : 15 Oct 2015 12:18
Operator : UM/IZ
Sample : G4015-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

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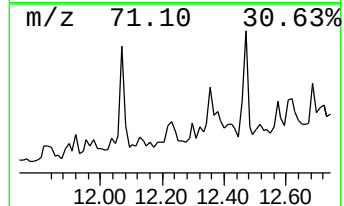
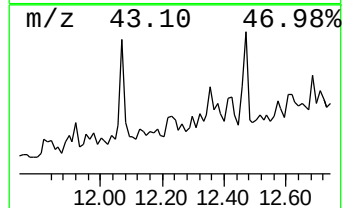
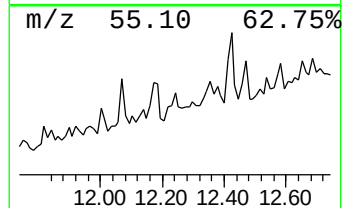
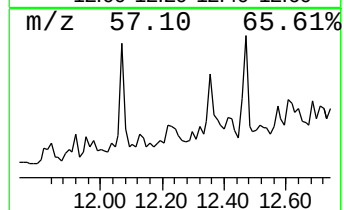
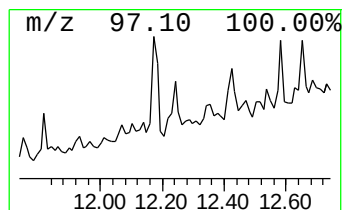
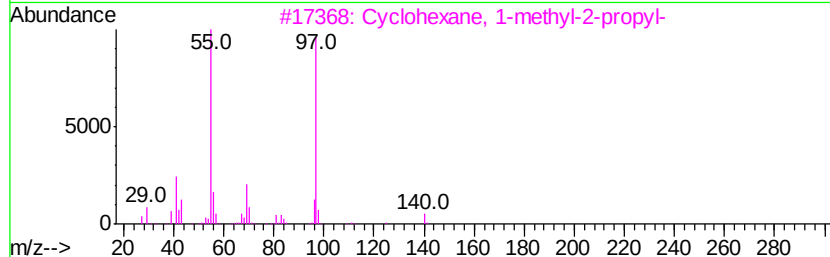
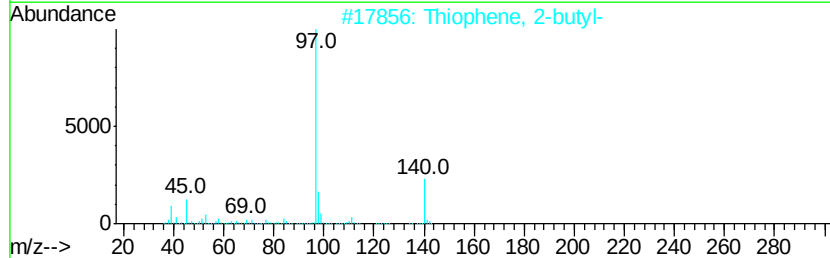
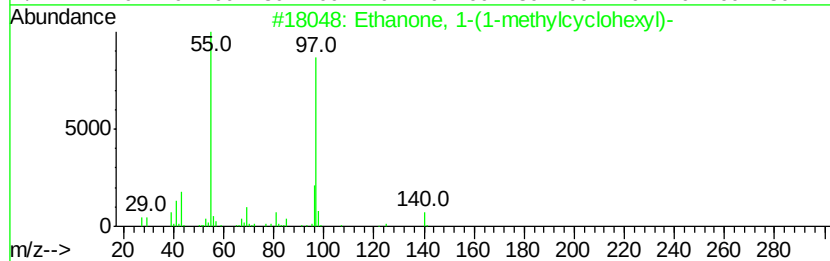
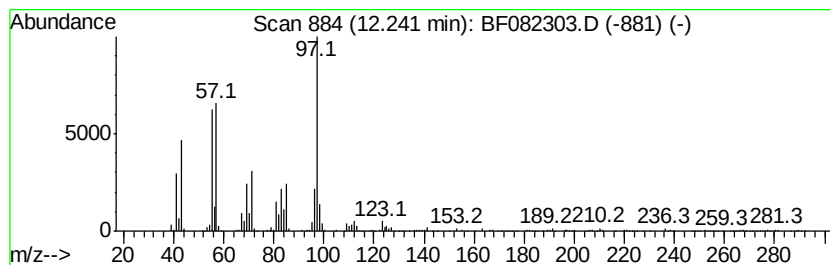
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.24 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	29.37 ng	1115880	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	47
2		Thiophene, 2-butyl-	140	C8H12S	001455-20-5	43
3		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	43
4		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	43
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082303.D
Acq On : 15 Oct 2015 12:18
Operator : UM/IZ
Sample : G4015-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

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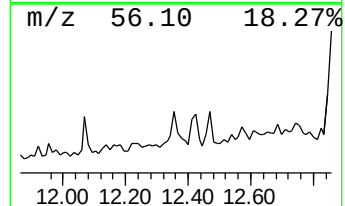
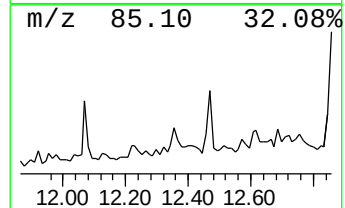
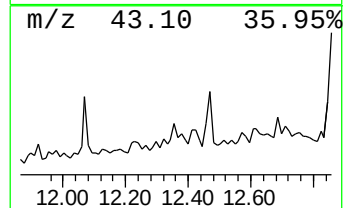
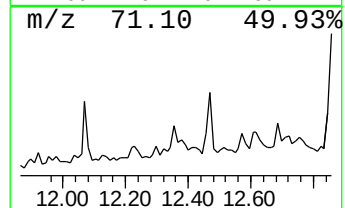
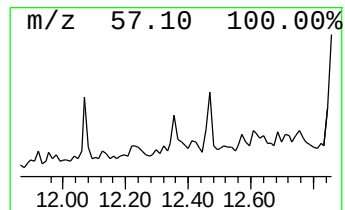
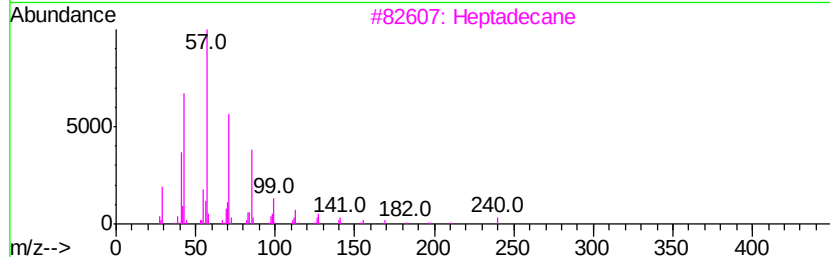
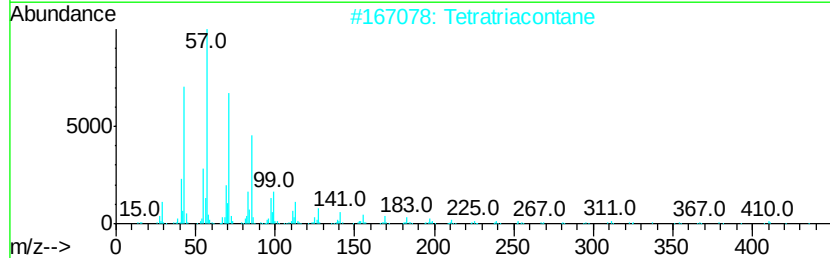
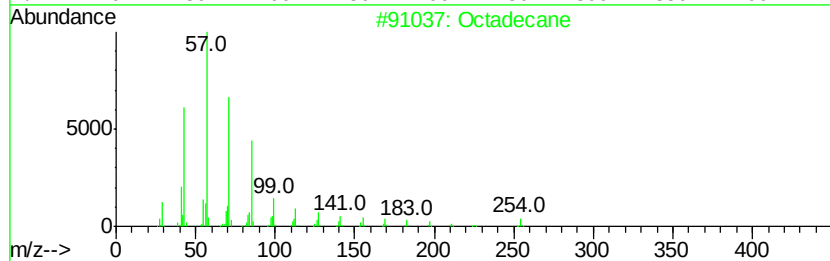
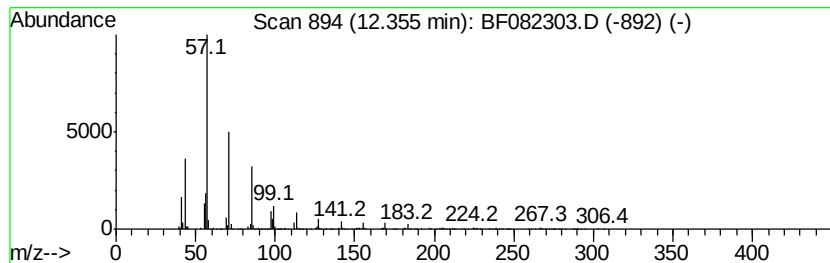
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	26.57 ng	1009630	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	90
2		Tetratriacontane	479	C34H70	014167-59-0	86
3		Heptadecane	240	C17H36	000629-78-7	83
4		Heptacosane	380	C27H56	000593-49-7	80
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082303.D
Acq On : 15 Oct 2015 12:18
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Sample : G4015-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

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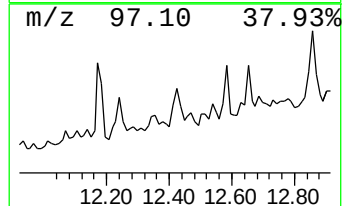
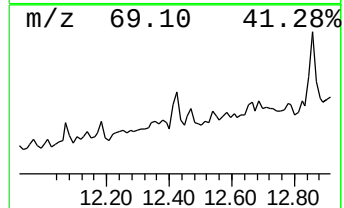
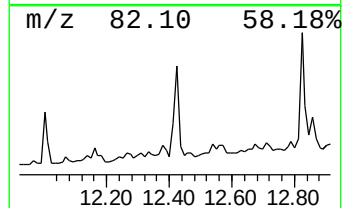
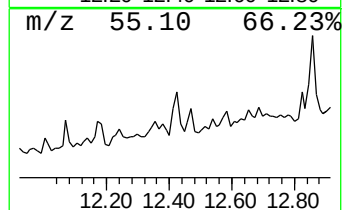
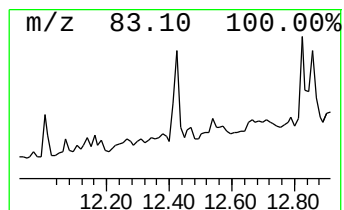
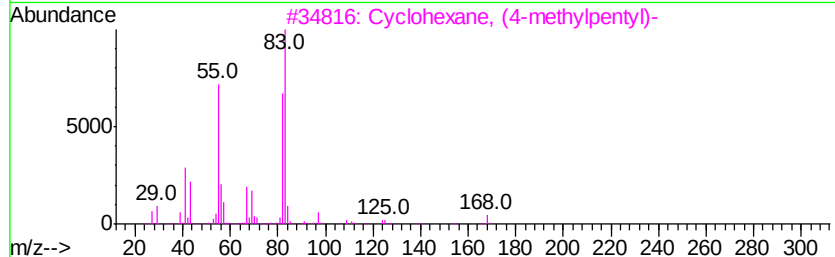
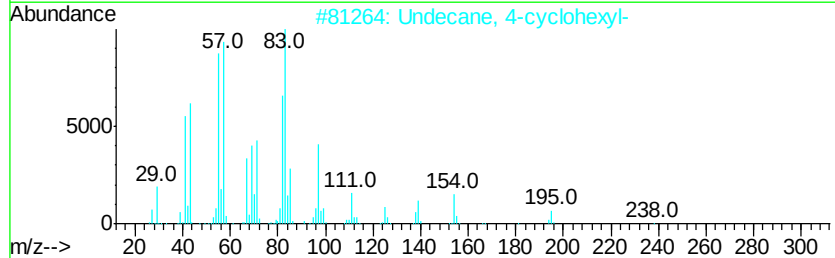
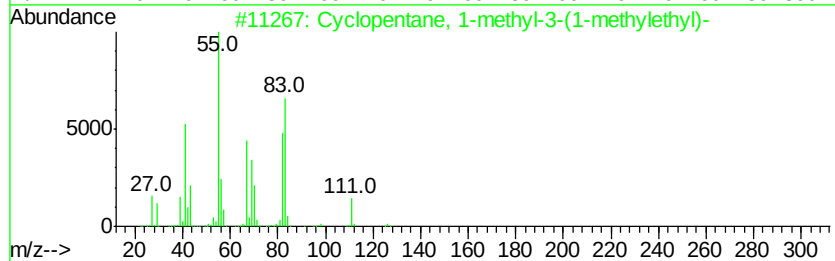
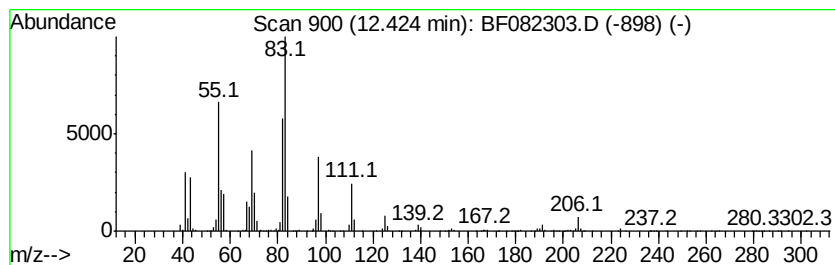
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopentane, 1-methyl-3-(1... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	32.60 ng	1238760	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	64
2		Undecane, 4-cyclohexyl-	238	C17H34	013151-79-6	59
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53
4		Cyclohexane, undecyl-	238	C17H34	054105-66-7	50
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
Data File : BF082303.D
Acq On : 15 Oct 2015 12:18
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Sample : G4015-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

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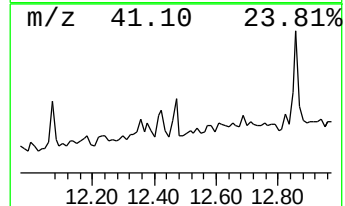
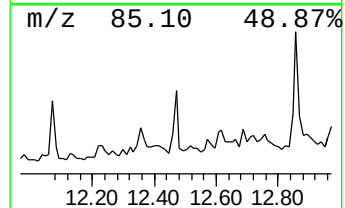
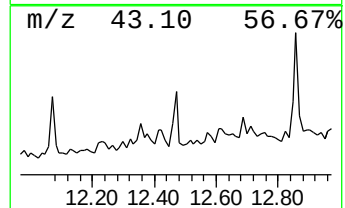
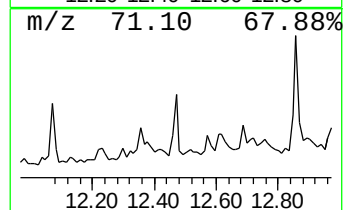
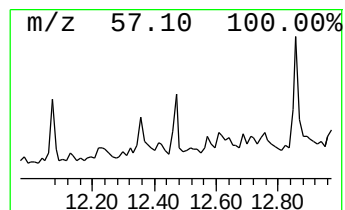
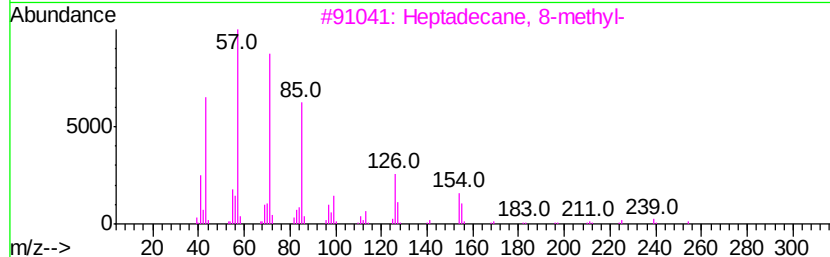
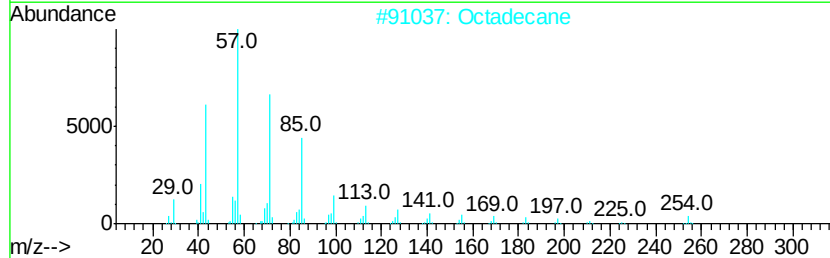
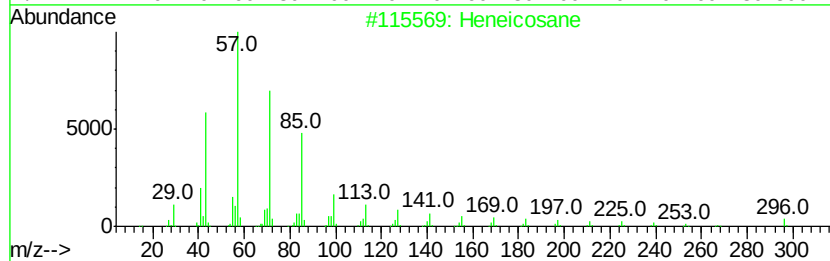
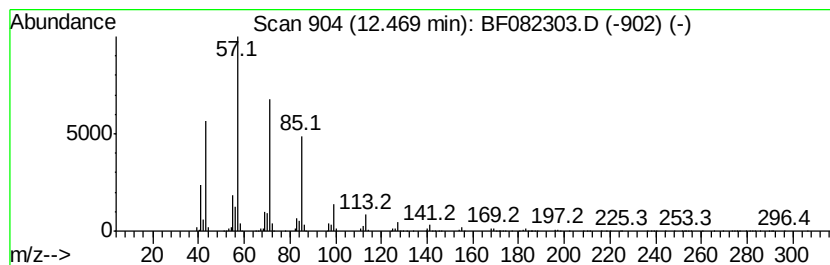
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	34.45 ng	1308710	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Octadecane	254	C18H38	000593-45-3	95
3		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
4		Nonadecane	268	C19H40	000629-92-5	91
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082303.D
Acq On : 15 Oct 2015 12:18
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ClientSampleId :
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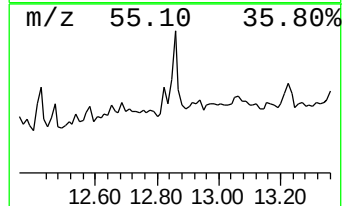
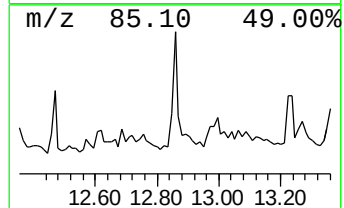
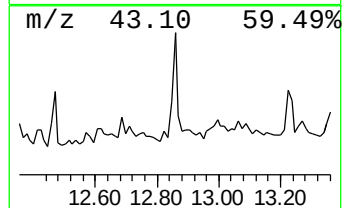
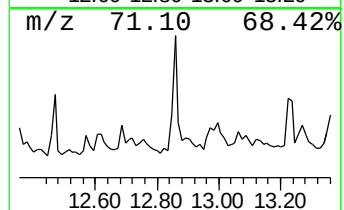
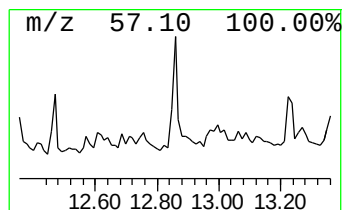
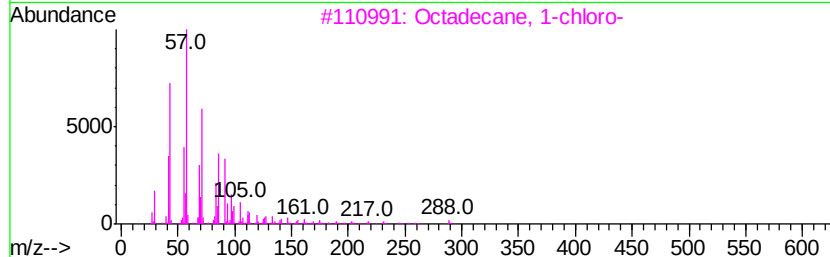
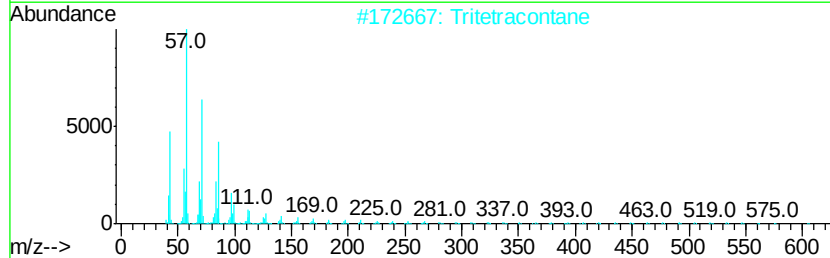
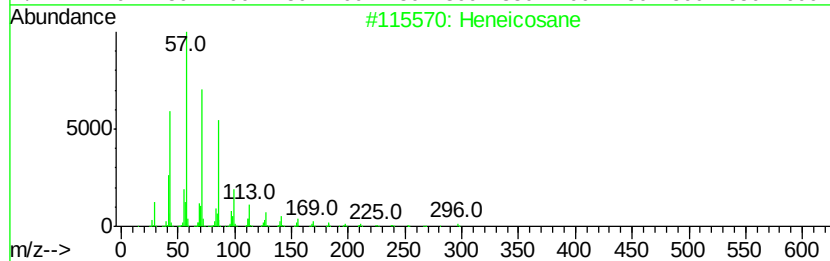
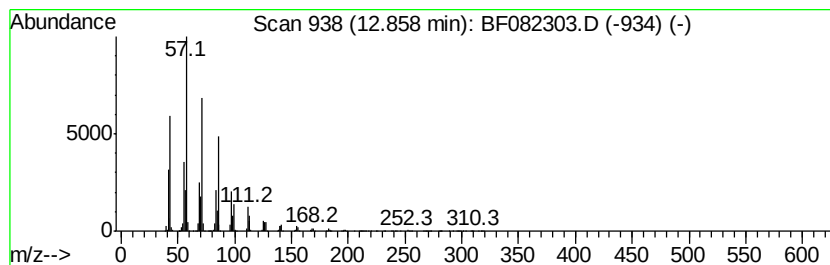
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tritetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	35.72 ng	4845570	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Tritetracontane	605	C43H88	007098-21-7	91
3		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
5		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082303.D
Acq On : 15 Oct 2015 12:18
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Misc :
ALS Vial : 28 Sample Multiplier: 1

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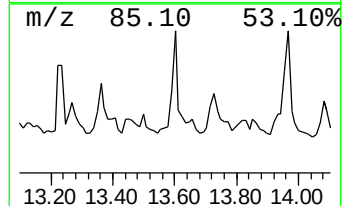
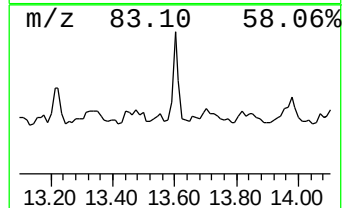
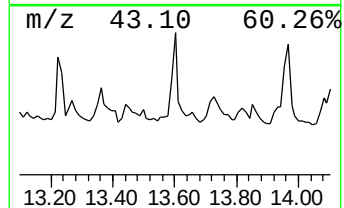
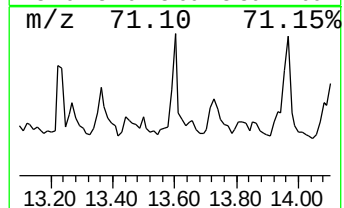
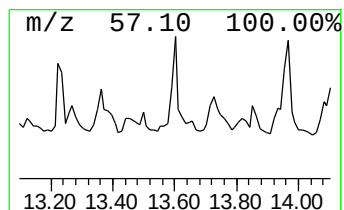
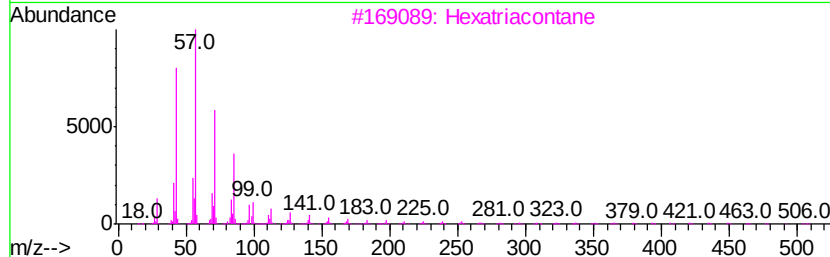
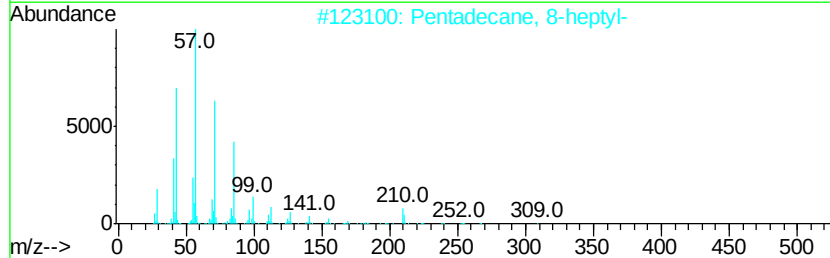
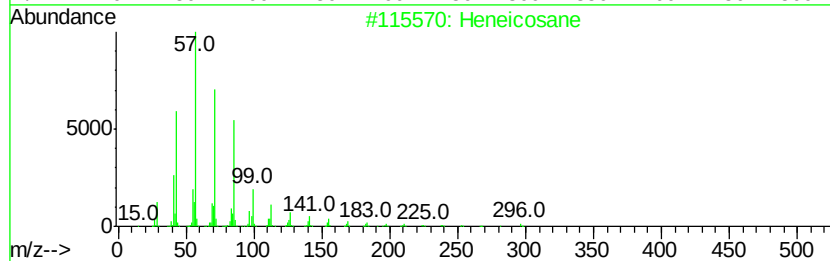
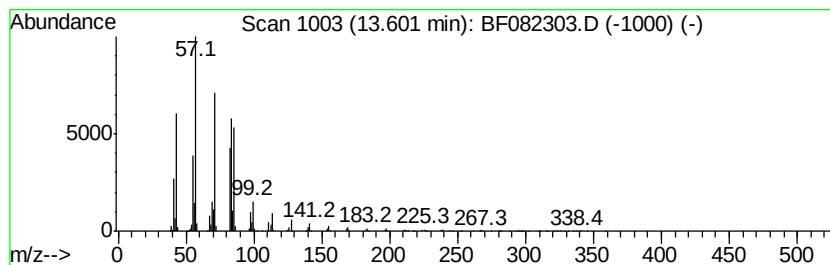
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 8-heptyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	16.51 ng	2239560	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	64
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	53
3		Hexatriacontane	507	C36H74	000630-06-8	49
4		Octadecane	254	C18H38	000593-45-3	49
5		Hexadecane	226	C16H34	000544-76-3	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082303.D
Acq On : 15 Oct 2015 12:18
Operator : UM/IZ
Sample : G4015-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LF-8

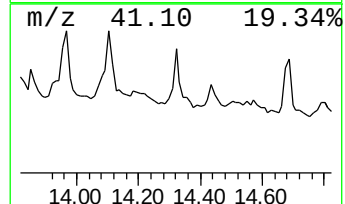
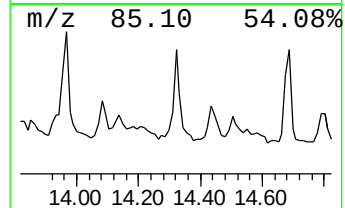
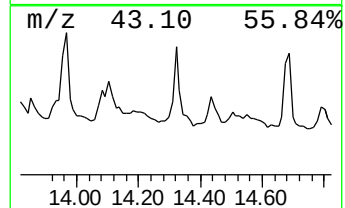
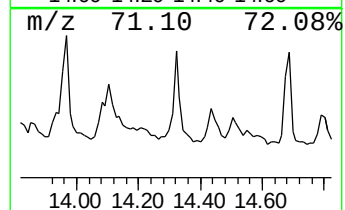
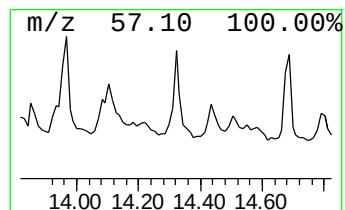
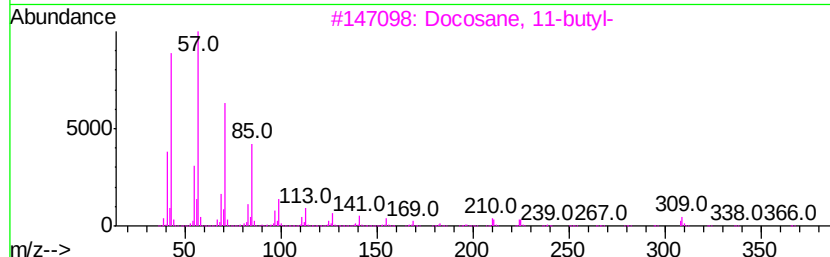
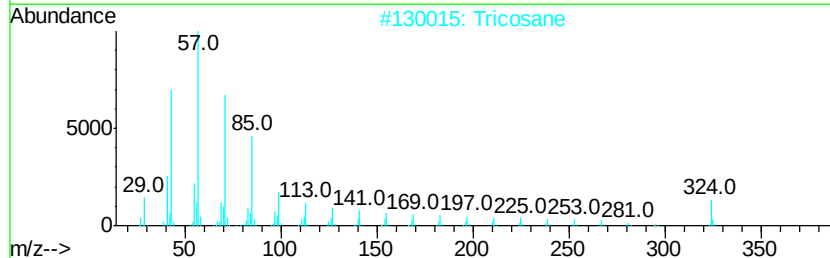
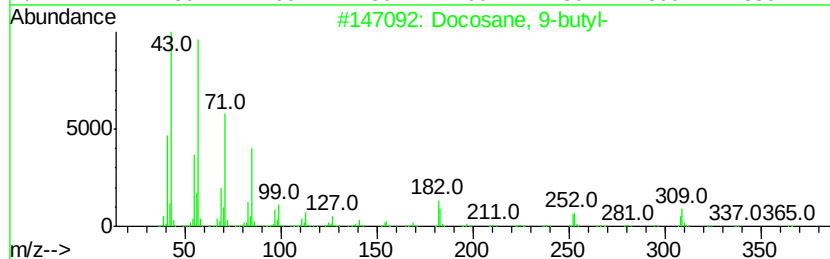
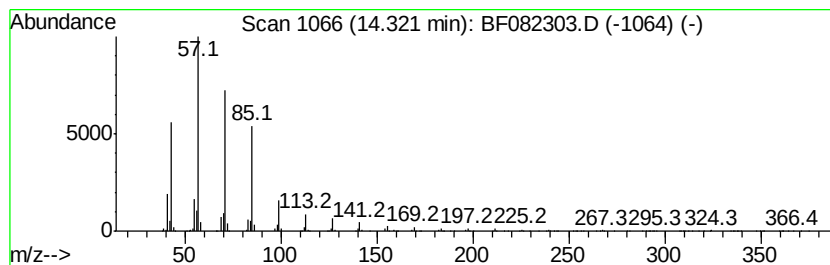
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Docosane, 9-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	15.81 ng	2143800	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
2		Tricosane	324	C23H48	000638-67-5	86
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	86
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
Data File : BF082303.D
Acq On : 15 Oct 2015 12:18
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Sample : G4015-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

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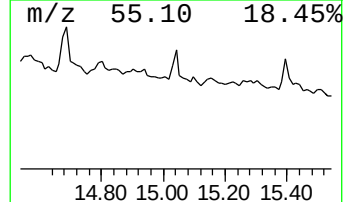
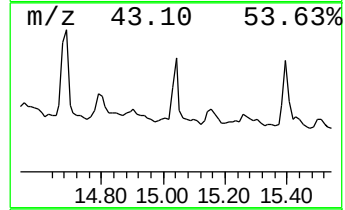
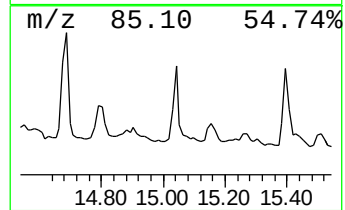
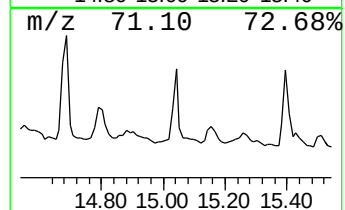
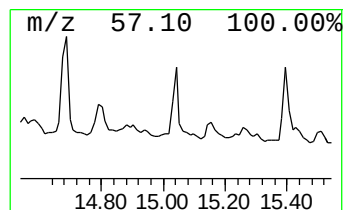
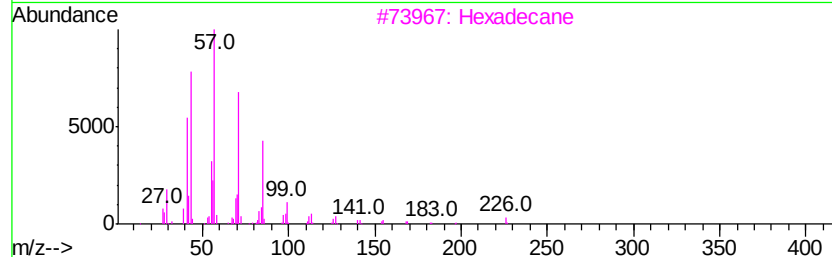
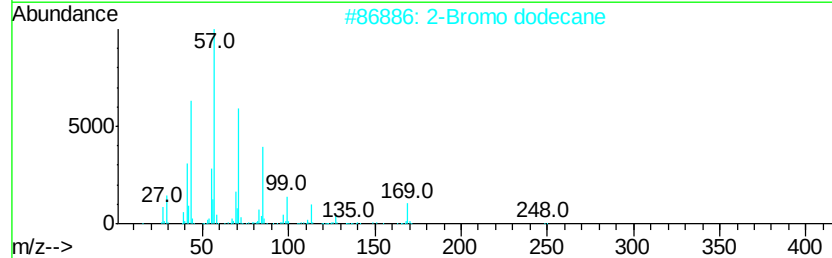
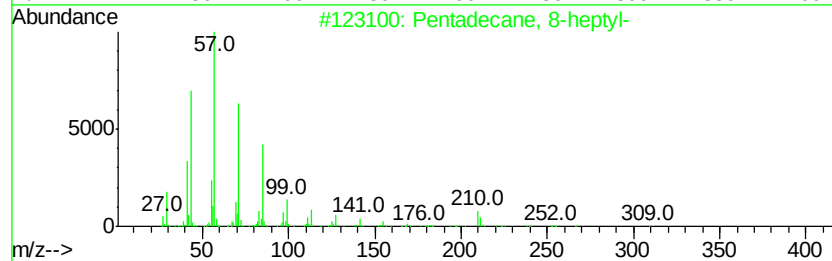
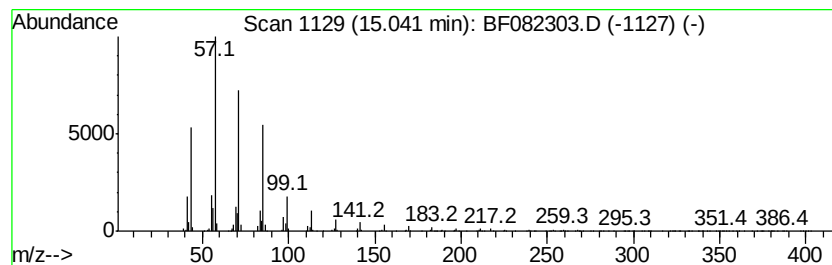
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Bromo dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	24.57 ng	1181120	Perylene-d12	15.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3		Hexadecane	226	C16H34	000544-76-3	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
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Acq On : 15 Oct 2015 12:18
Operator : UM/IZ
Sample : G4015-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

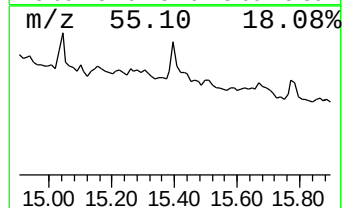
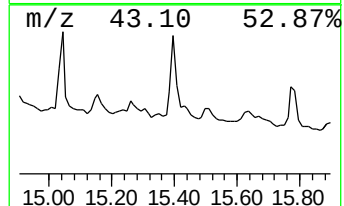
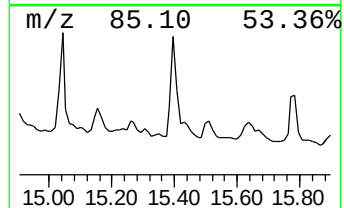
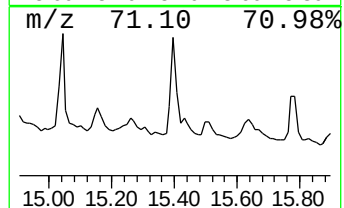
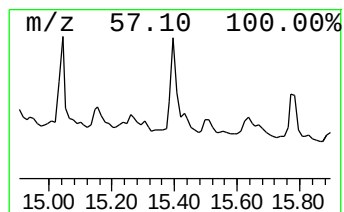
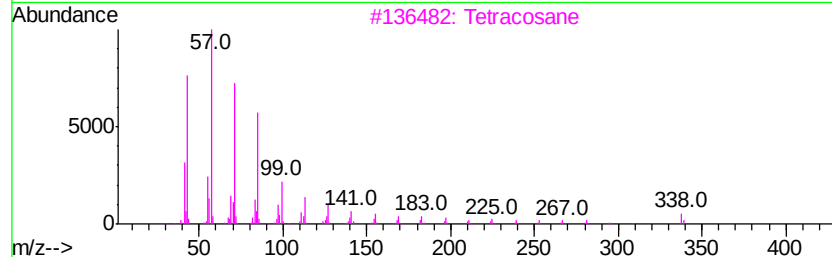
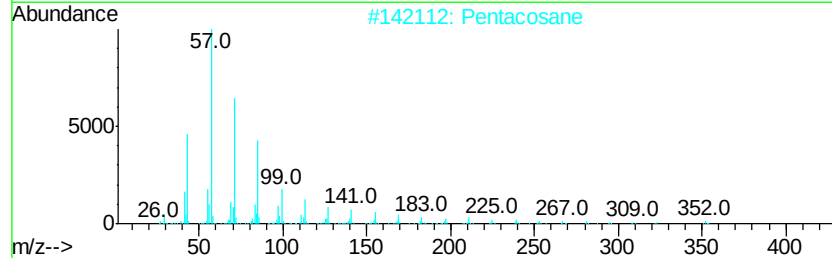
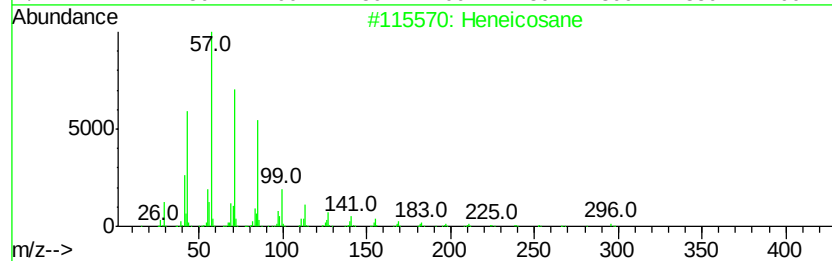
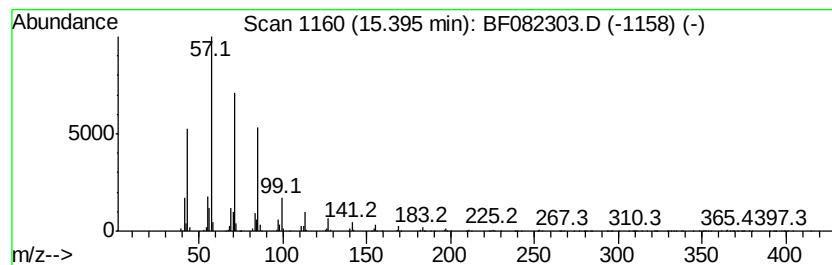
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	20.64 ng	992273	Perylene-d12	15.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	98
2	Pentacosane	352 C25H52	000629-99-2	96
3	Tetracosane	338 C24H50	000646-31-1	90
4	2-Bromo dodecane	248 C12H25Br	013187-99-0	90
5	Octadecane	254 C18H38	000593-45-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
Data File : BF082303.D
Acq On : 15 Oct 2015 12:18
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Sample : G4015-12
Misc :
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Instrument :
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ClientSampleId :
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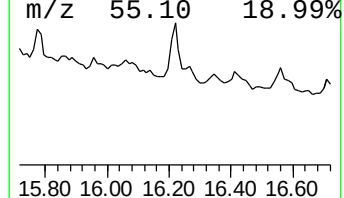
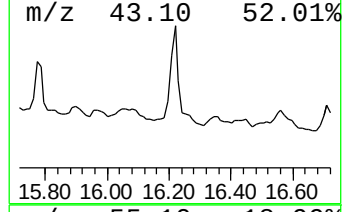
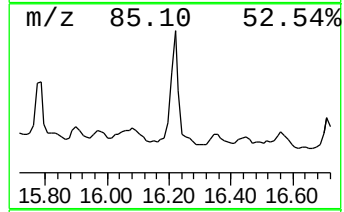
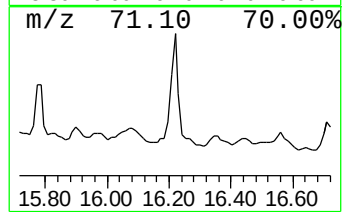
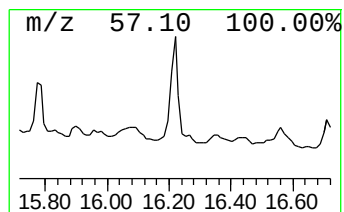
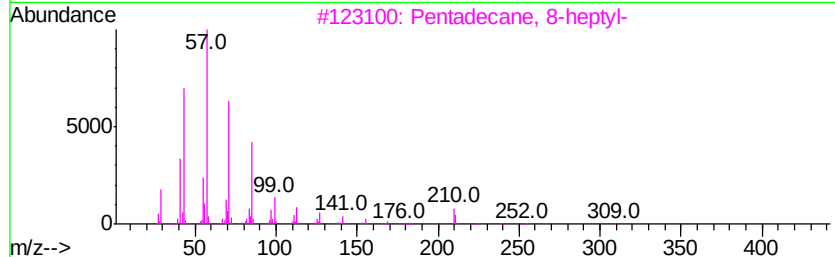
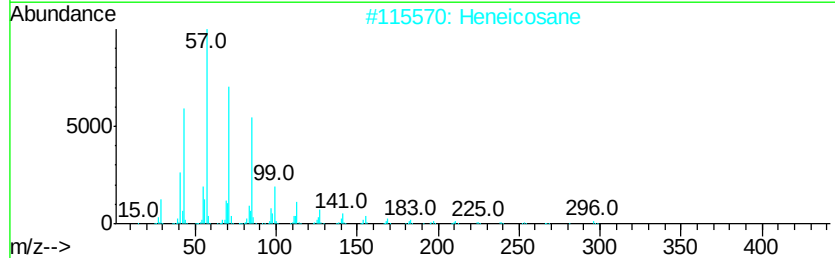
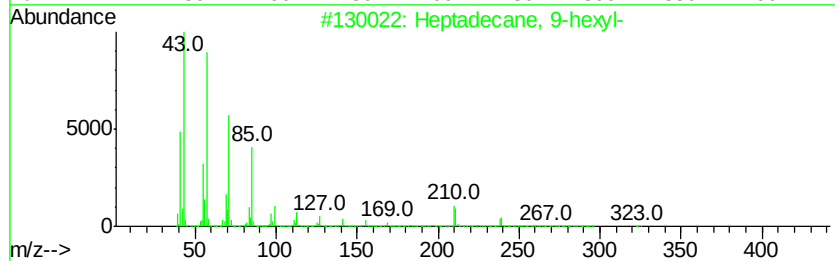
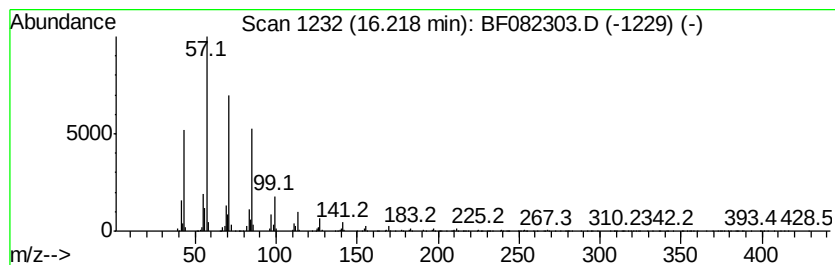
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane, 9-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	32.26 ng	1551260	Perylene-d12	15.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
Data File : BF082303.D
Acq On : 15 Oct 2015 12:18
Operator : UM/IZ
Sample : G4015-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

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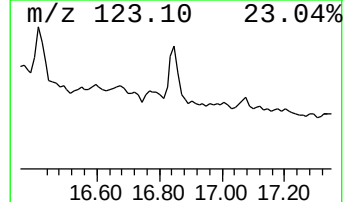
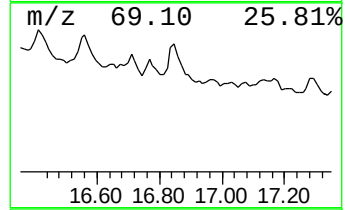
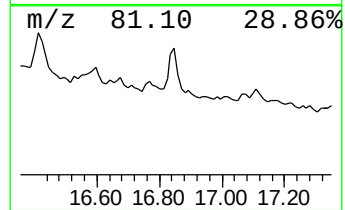
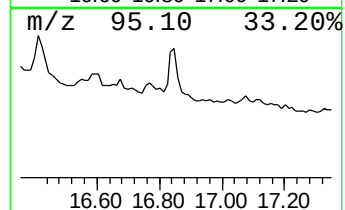
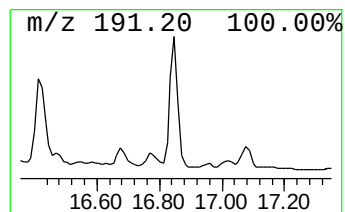
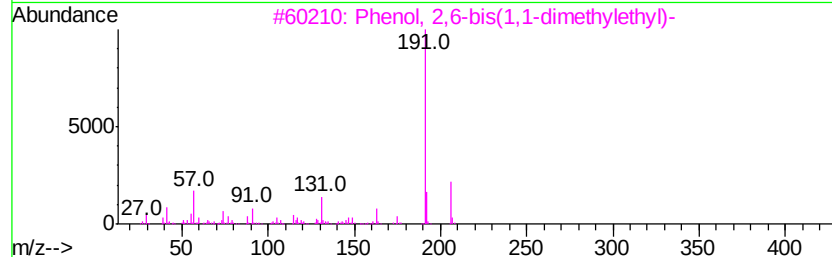
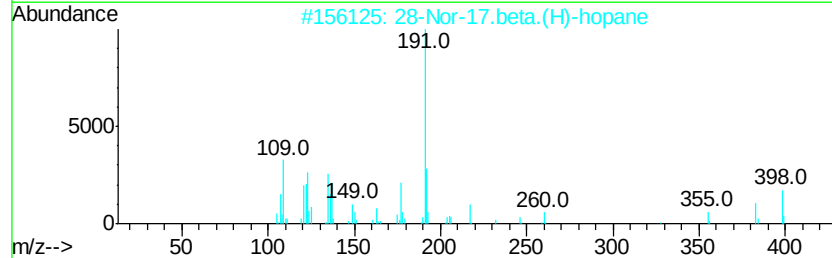
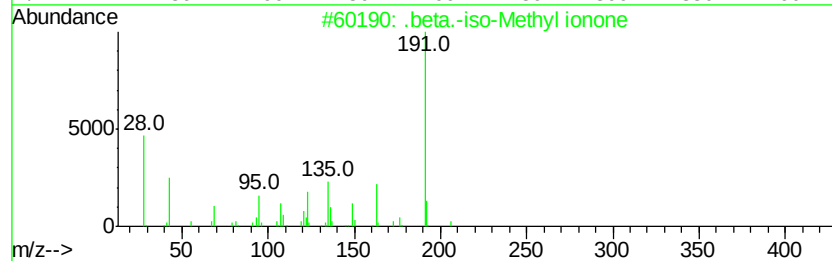
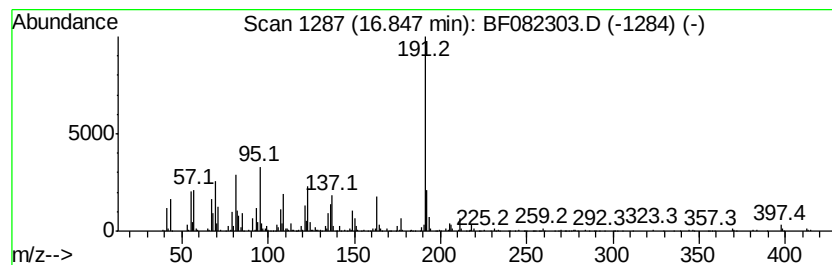
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 .beta.-iso-Methyl ionone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	22.11 ng	1062960	Perylene-d12	15.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	70
2		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	50
3		Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	43
4		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	42
5		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
Data File : BF082303.D
Acq On : 15 Oct 2015 12:18
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Sample : G4015-12
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Instrument :
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ClientSampleId :
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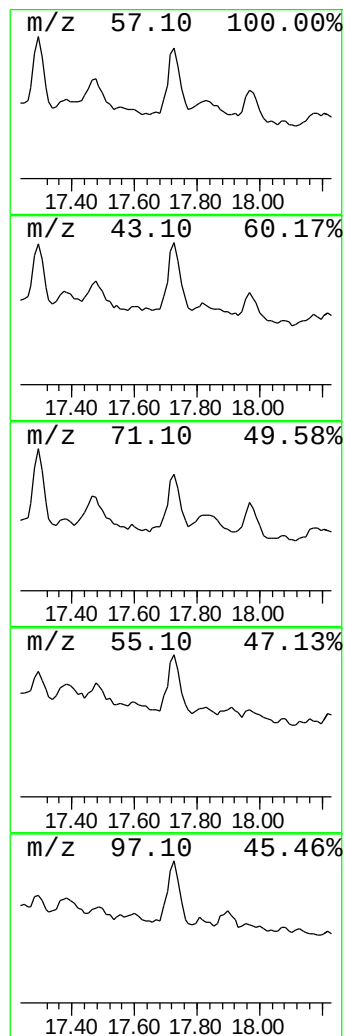
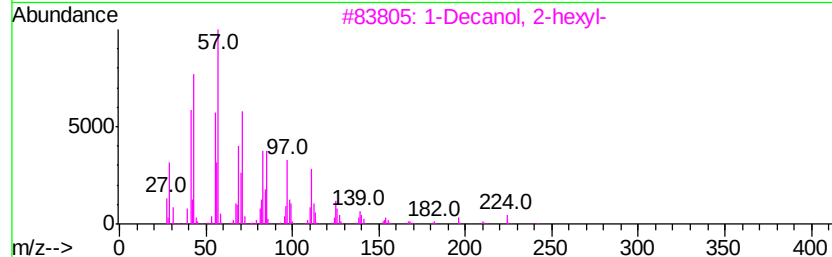
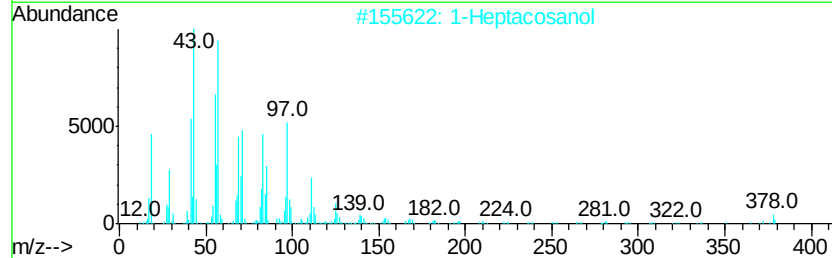
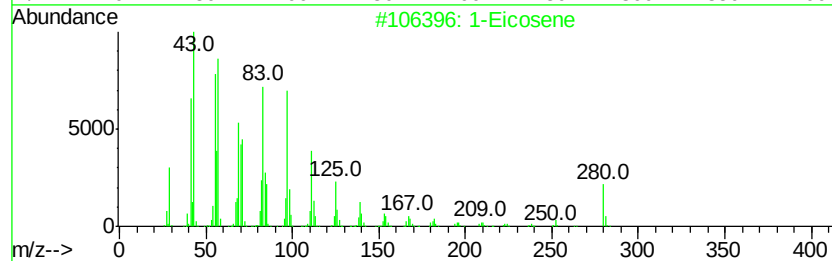
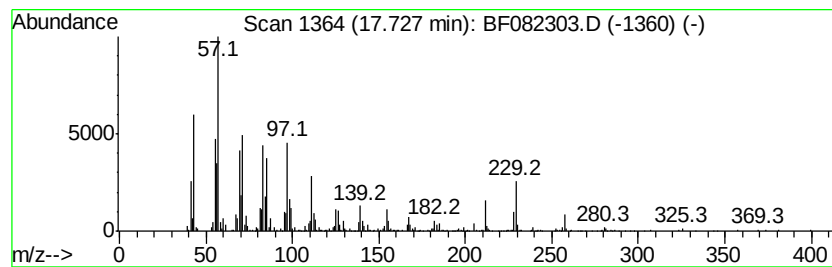
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1-Eicosene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	24.68 ng	1186430	Perylene-d12	15.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Eicosene	280	C20H40	003452-07-1	70
2		1-Heptacosanol	396	C27H56O	002004-39-9	64
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	58
4		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	49
5		1-Hexacosene	364	C26H52	018835-33-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
Data File : BF082303.D
Acq On : 15 Oct 2015 12:18
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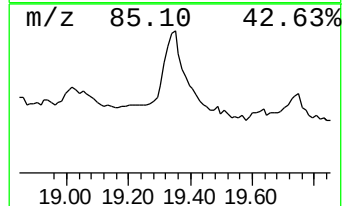
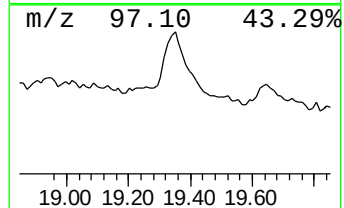
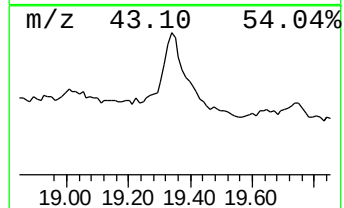
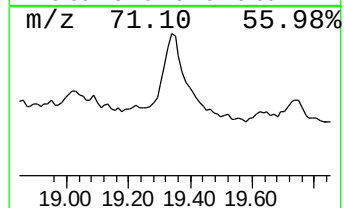
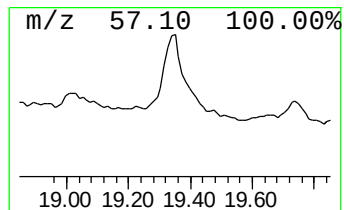
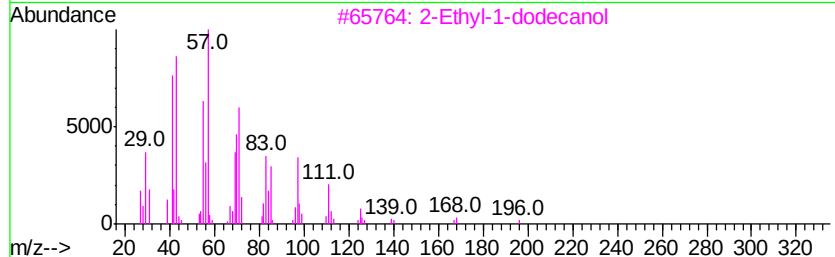
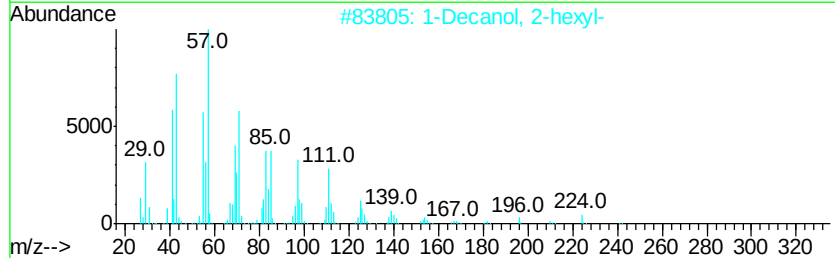
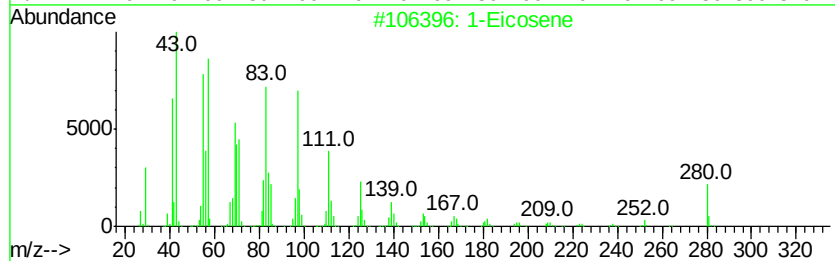
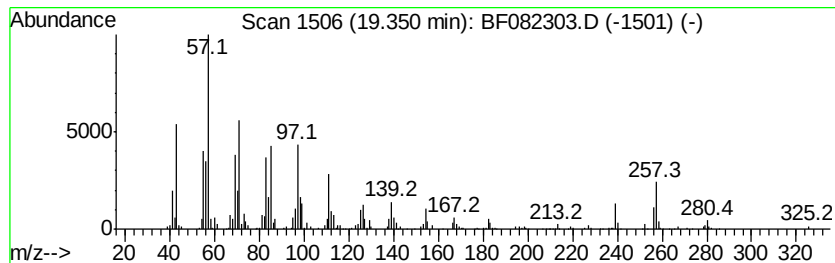
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Decanol, 2-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	28.59 ng	1374730	Perylene-d12	15.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Eicosene	280	C20H40	003452-07-1	55
2			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	53
3			2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	49
4			Heptadecane	240	C17H36	000629-78-7	42
5			Dodecane	170	C12H26	000112-40-3	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101615\
 Data File : BF082303.D
 Acq On : 15 Oct 2015 12:18
 Operator : UM/IZ
 Sample : G4015-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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...	4.99	52.2	ng	1172030	1	6.82	448708	20.0
unknown6.59	6.59	77.7	ng	1743380	1	6.82	448708	20.0
Cyclotetradecane	11.59	29.5	ng	1121290	4	11.36	759864	20.0
Nonadecane	11.66	32.0	ng	1216820	4	11.36	759864	20.0
Hexadecane, 1-chl...	11.82	28.5	ng	1083570	4	11.36	759864	20.0
Dodecane, 2-methy...	12.07	35.6	ng	1351750	4	11.36	759864	20.0
unknown12.24	12.24	29.4	ng	1115880	4	11.36	759864	20.0
Octadecane	12.36	26.6	ng	1009630	4	11.36	759864	20.0
Cyclopentane, 1-m...	12.42	32.6	ng	1238760	4	11.36	759864	20.0
Heneicosane	12.47	34.5	ng	1308710	4	11.36	759864	20.0
Tritetracontane	12.86	35.7	ng	4845570	5	14.13	2712730	20.0
Pentadecane, 8-he...	13.60	16.5	ng	2239560	5	14.13	2712730	20.0
Docosane, 9-butyl-	14.32	15.8	ng	2143800	5	14.13	2712730	20.0
2-Bromo dodecane	15.04	24.6	ng	1181120	6	15.73	961607	20.0
Pentacosane	15.40	20.6	ng	992273	6	15.73	961607	20.0
Heptadecane, 9-he...	16.22	32.3	ng	1551260	6	15.73	961607	20.0
.beta.-iso-Methyl...	16.85	22.1	ng	1062960	6	15.73	961607	20.0
1-Eicosene	17.73	24.7	ng	1186430	6	15.73	961607	20.0
1-Decanol, 2-hexyl-	19.35	28.6	ng	1374730	6	15.73	961607	20.0