

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081028.D
 Acq On : 18 Aug 2015 4:17
 Operator : UM/IZ
 Sample : G3310-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS02-0012-01

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-BF081715.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	4.764	239	243	250	rBV	631356	1144508	63.70%	3.993%
2	5.210	279	282	284	rBV	1461979	1758748	97.89%	6.136%
3	6.273	372	375	377	rVB	1651715	1663365	92.58%	5.803%
4	6.387	383	385	388	rBV	1204638	1610028	89.61%	5.617%
5	6.627	404	406	408	rBV	466081	394292	21.94%	1.376%
6	6.787	417	420	422	rBV	1097479	1277298	71.09%	4.456%
7	7.199	453	456	458	rBV	1086078	1214417	67.59%	4.237%
8	7.302	462	465	468	rVB	16722	23654	1.32%	0.083%
9	7.908	516	518	521	rBV	442749	481833	26.82%	1.681%
10	8.993	610	613	615	rBV	2075040	1796738	100.00%	6.268%
11	9.393	645	648	650	rBV	240922	263766	14.68%	0.920%
12	9.519	657	659	661	rVB	38359	30336	1.69%	0.106%
13	9.656	669	671	673	rBV	537533	490295	27.29%	1.711%
14	10.113	709	711	713	rVB	24815	25599	1.42%	0.089%
15	10.445	737	740	742	rVB	810329	910751	50.69%	3.177%
16	10.582	748	752	757	rBV	37834	57582	3.20%	0.201%
17	11.028	789	791	792	rBV	45277	40465	2.25%	0.141%
18	11.131	796	800	804	rVV2	515101	680053	37.85%	2.373%
19	11.199	804	806	808	rVV2	45166	61341	3.41%	0.214%
20	11.234	808	809	813	rVB2	22183	29203	1.63%	0.102%
21	11.359	819	820	822	rBV	26572	25509	1.42%	0.089%
22	11.485	826	831	833	rVB2	97605	158237	8.81%	0.552%
23	11.542	834	836	838	rVB	33013	34244	1.91%	0.119%
24	11.656	841	846	847	rVV2	60519	130432	7.26%	0.455%
25	11.691	847	849	852	rVV2	197937	291480	16.22%	1.017%
26	11.759	852	855	856	rVV3	176351	284922	15.86%	0.994%
27	11.794	856	858	861	rVV	76931	168916	9.40%	0.589%
28	11.851	861	863	867	rVV	26868	42397	2.36%	0.148%
29	11.919	867	869	873	rVV2	112215	166333	9.26%	0.580%
30	11.977	873	874	875	rVV	31248	24812	1.38%	0.087%
31	12.022	877	878	880	rVB	57246	45429	2.53%	0.158%
32	12.182	889	892	893	rBV	21857	31363	1.75%	0.109%
33	12.217	893	895	896	rVV	73265	72406	4.03%	0.253%
34	12.262	896	899	901	rVV	393243	595835	33.16%	2.079%

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35	12.308	901	903	904	rVV	157169	192037	10.69%	0.670%
36	12.331	904	905	908	rVV	381302	379309	21.11%	1.323%
37	12.399	908	911	913	rVV	124597	184690	10.28%	0.644%
38	12.445	913	915	917	rVV	464609	517177	28.78%	1.804%
39	12.479	917	918	921	rVV2	179996	167634	9.33%	0.585%
40	12.559	922	925	927	rVV	405864	399048	22.21%	1.392%
41	12.605	927	929	931	rVV2	149777	150436	8.37%	0.525%
42	12.662	931	934	937	rVV4	140398	280454	15.61%	0.978%
43	12.719	937	939	942	rVV	1349013	1672102	93.06%	5.834%
44	12.811	946	947	951	rVV4	68094	111480	6.20%	0.389%
45	12.902	951	955	956	rVV2	241836	313685	17.46%	1.094%
46	12.937	956	958	960	rVV	451576	445689	24.81%	1.555%
47	12.982	960	962	964	rVV3	47629	85811	4.78%	0.299%
48	13.039	964	967	969	rVV3	48700	67255	3.74%	0.235%
49	13.085	969	971	973	rVV2	213026	274918	15.30%	0.959%
50	13.119	973	974	978	rVB3	158930	283894	15.80%	0.990%
51	13.188	978	980	982	rBV2	67005	66474	3.70%	0.232%
52	13.257	982	986	987	rBV2	35760	57345	3.19%	0.200%
53	13.302	987	990	993	rVV	369609	463062	25.77%	1.616%
54	13.394	996	998	1000	rVB	32576	49322	2.75%	0.172%
55	13.508	1005	1008	1011	rBV3	127480	190047	10.58%	0.663%
56	13.588	1014	1015	1017	rVB	27201	35966	2.00%	0.125%
57	13.634	1017	1019	1022	rBV2	202187	288389	16.05%	1.006%
58	13.691	1022	1024	1025	rVB2	45850	54234	3.02%	0.189%
59	13.748	1025	1029	1035	rVB3	470797	893100	49.71%	3.116%
60	13.851	1035	1038	1040	rBV3	26993	44223	2.46%	0.154%
61	13.954	1044	1047	1050	rVB4	23411	46493	2.59%	0.162%
62	14.011	1050	1052	1053	rVB2	35103	35245	1.96%	0.123%
63	14.068	1055	1057	1059	rBV3	15061	22584	1.26%	0.079%
64	14.137	1061	1063	1064	rBV	38087	38076	2.12%	0.133%
65	14.171	1064	1066	1068	rVB2	29136	30567	1.70%	0.107%
66	14.228	1068	1071	1072	rBV3	23776	39095	2.18%	0.136%
67	14.274	1072	1075	1079	rBV3	127408	253093	14.09%	0.883%
68	14.525	1094	1097	1100	rBV	218890	295291	16.43%	1.030%
69	14.605	1100	1104	1108	rVV3	44791	99049	5.51%	0.346%
70	14.674	1108	1110	1113	rVV3	54120	77987	4.34%	0.272%
71	14.742	1113	1116	1120	rVV	202943	391795	21.81%	1.367%

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72	14.834	1120	1124	1126	rVV	170000	273798	15.24%	0.955%
73	14.868	1126	1127	1133	rVV3	120925	216105	12.03%	0.754%
74	14.994	1136	1138	1141	rVV	130156	154197	8.58%	0.538%
75	15.051	1141	1143	1145	rVV	139417	175243	9.75%	0.611%
76	15.108	1145	1148	1151	rVV2	220146	374909	20.87%	1.308%
77	15.165	1151	1153	1157	rVV2	31568	58037	3.23%	0.202%
78	15.234	1157	1159	1162	rVV4	12394	28044	1.56%	0.098%
79	15.337	1165	1168	1170	rVB	49444	69608	3.87%	0.243%
80	15.531	1182	1185	1188	rBV	274156	399180	22.22%	1.393%
81	15.588	1188	1190	1192	rVV	67564	139933	7.79%	0.488%
82	15.634	1192	1194	1198	rVV2	35367	74915	4.17%	0.261%
83	15.737	1201	1203	1206	rVB3	15460	28223	1.57%	0.098%
84	15.863	1212	1214	1219	rVB5	13125	30658	1.71%	0.107%
85	15.954	1219	1222	1225	rBV2	18797	43379	2.41%	0.151%
86	16.194	1239	1243	1246	rBV3	68378	117302	6.53%	0.409%
87	16.331	1252	1255	1258	rBV2	49471	92814	5.17%	0.324%
88	16.445	1262	1265	1267	rBV	52882	104508	5.82%	0.365%
89	16.480	1267	1268	1271	rVV2	33482	57486	3.20%	0.201%
90	16.526	1271	1272	1276	rVB2	13843	28250	1.57%	0.099%
91	16.697	1284	1287	1294	rVB	41475	93922	5.23%	0.328%
92	16.846	1296	1300	1303	rBV2	33466	97816	5.44%	0.341%
93	17.154	1323	1327	1334	rBV2	56940	151112	8.41%	0.527%
94	17.371	1343	1346	1350	rBV2	18285	42619	2.37%	0.149%
95	17.508	1354	1358	1365	rVV3	51448	170524	9.49%	0.595%
96	17.634	1365	1369	1379	rVB3	138599	418286	23.28%	1.459%
97	17.931	1392	1395	1402	rVB5	17485	54063	3.01%	0.189%
98	18.057	1402	1406	1410	rBV6	9884	28426	1.58%	0.099%
99	18.549	1444	1449	1457	rVB3	18942	71392	3.97%	0.249%
100	18.709	1459	1463	1470	rBV6	11924	45115	2.51%	0.157%

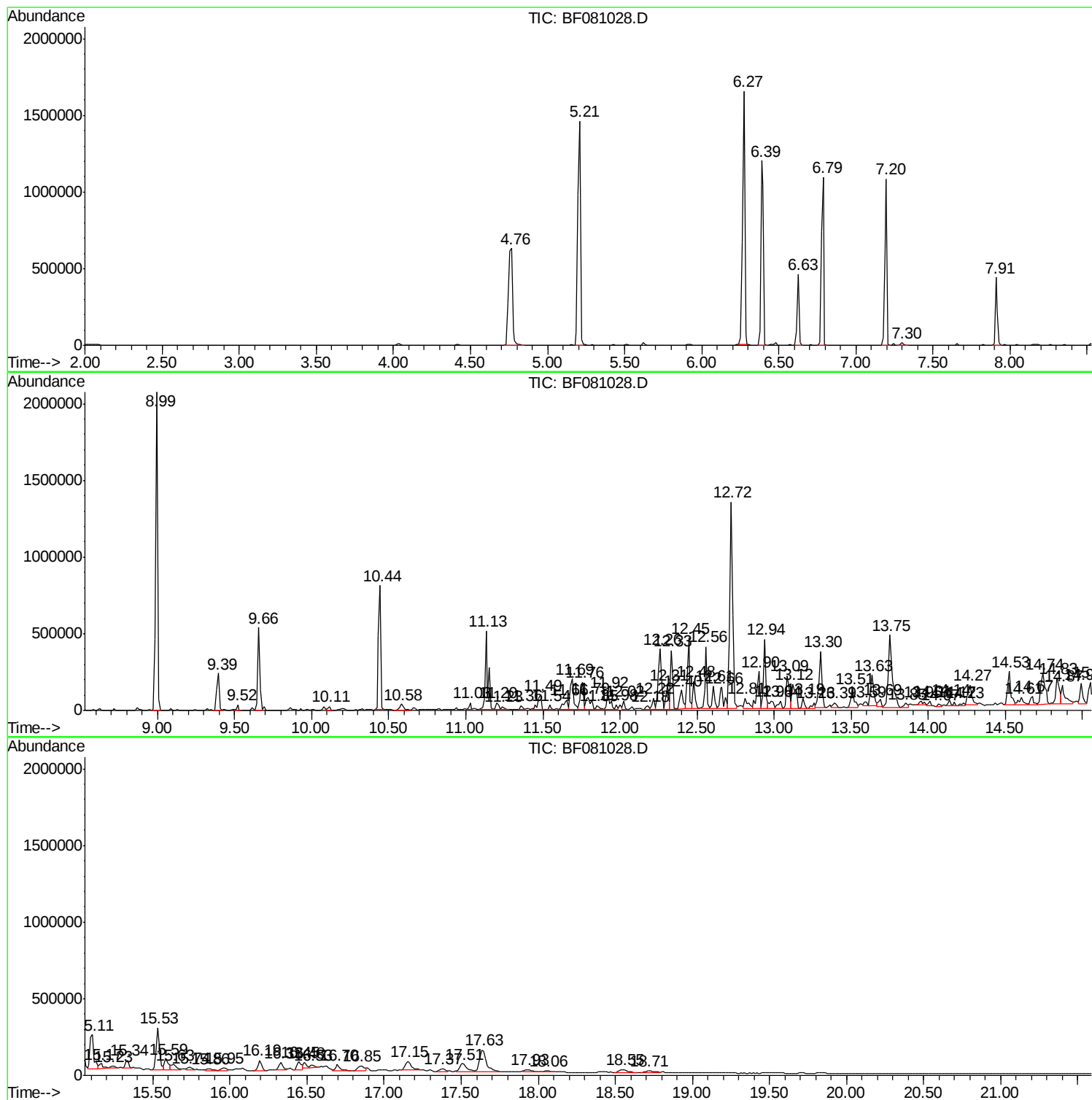
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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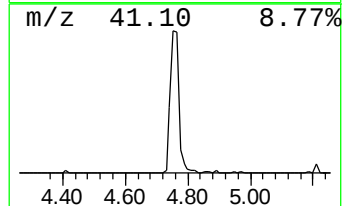
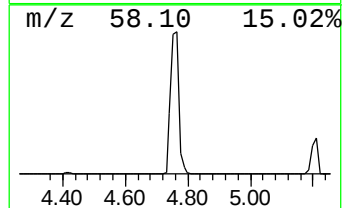
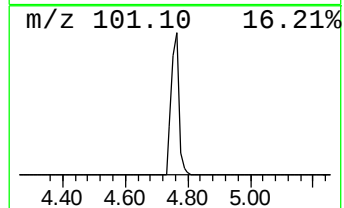
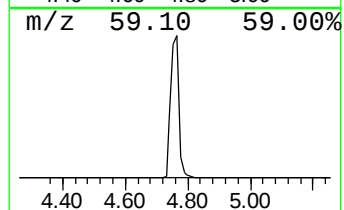
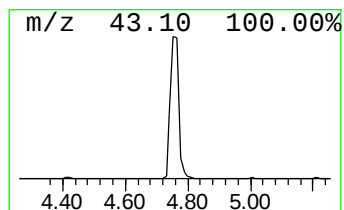
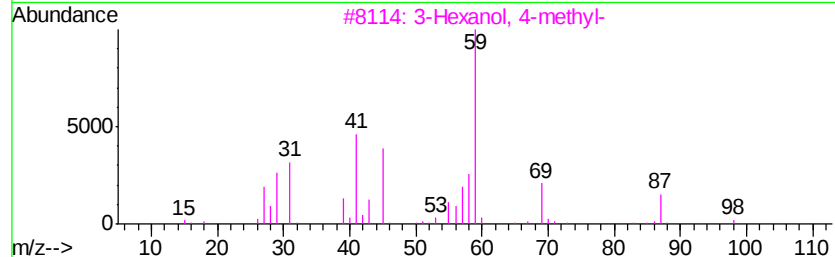
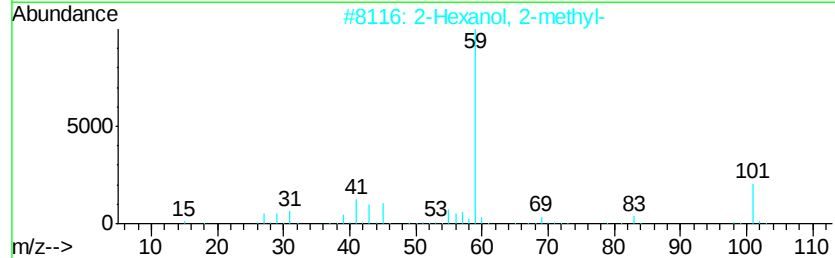
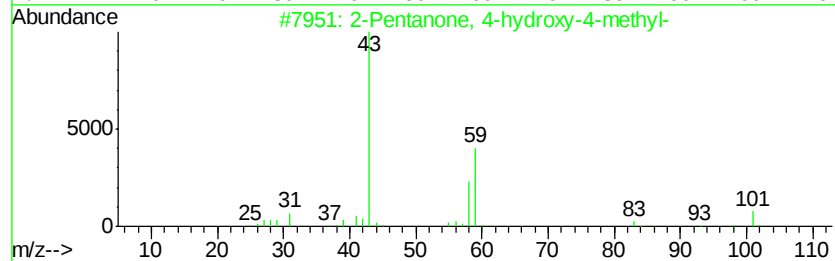
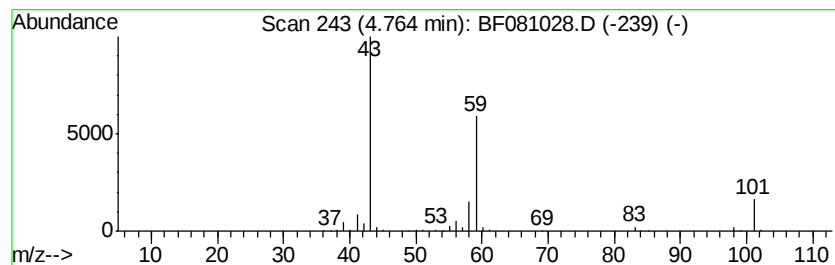
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.76	58.05 ng	1144510	1,4-Dichlorobenzene-d4	6.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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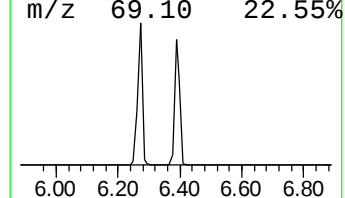
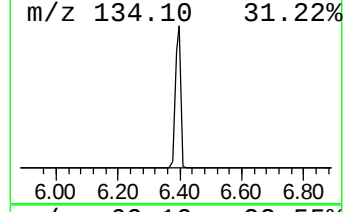
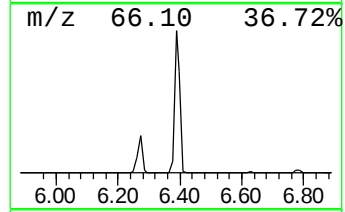
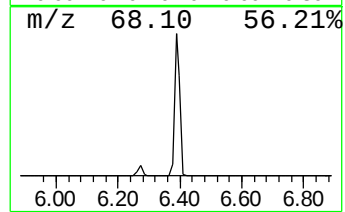
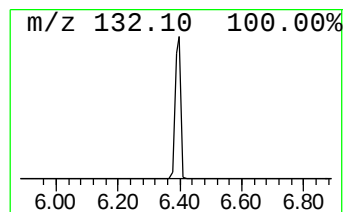
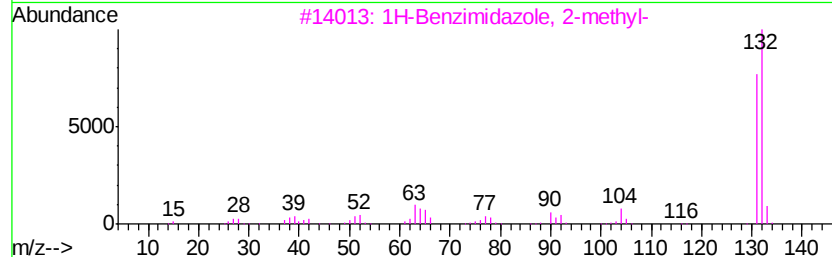
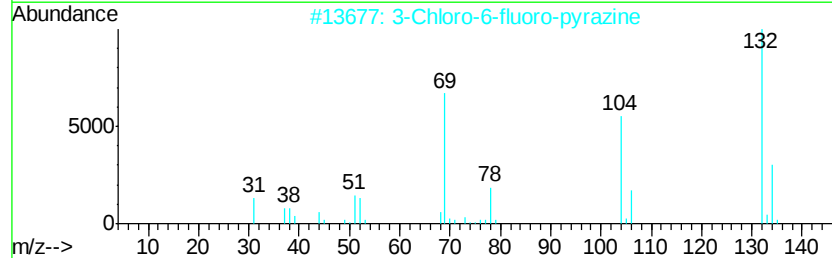
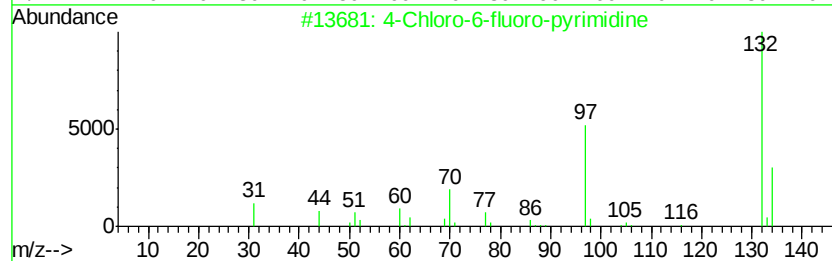
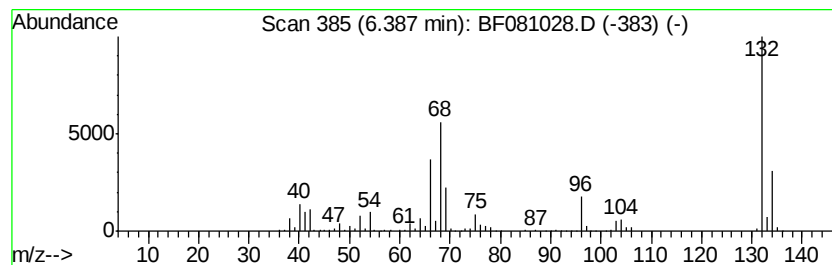
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.39 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	81.67 ng	1610030	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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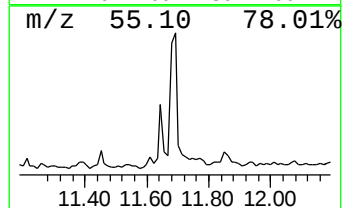
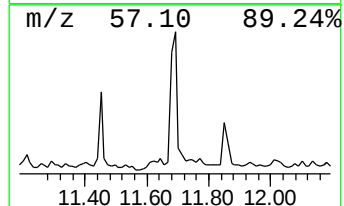
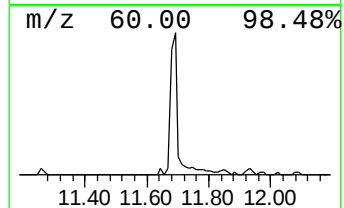
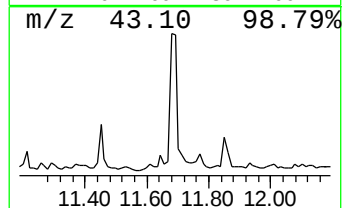
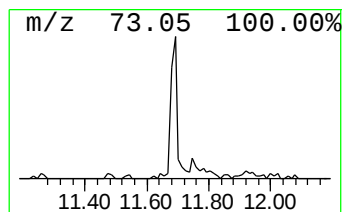
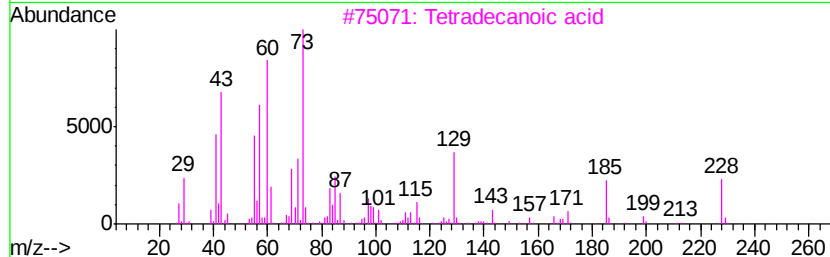
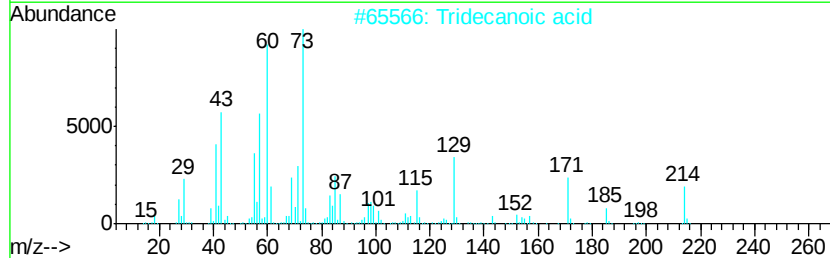
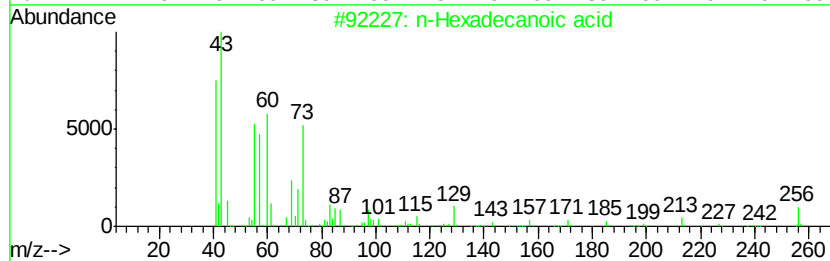
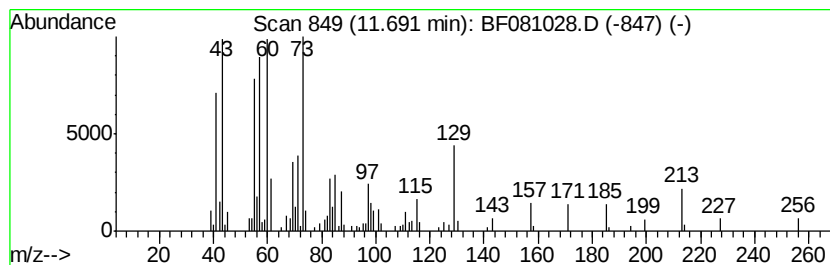
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	8.57 ng	291480	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5		Decane	142	C10H22	000124-18-5	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081028.D
Acq On : 18 Aug 2015 4:17
Operator : UM/IZ
Sample : G3310-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

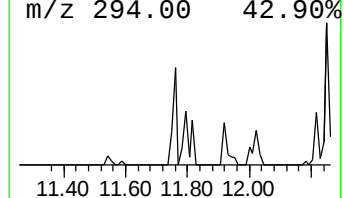
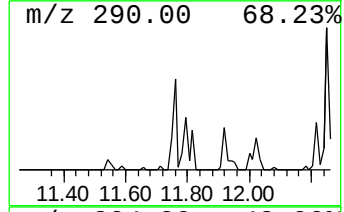
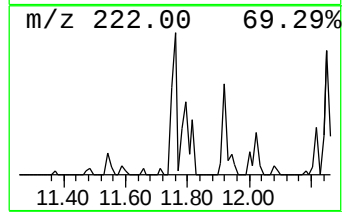
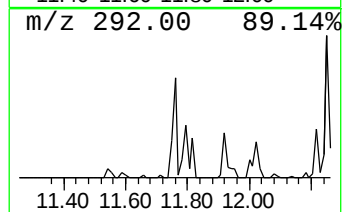
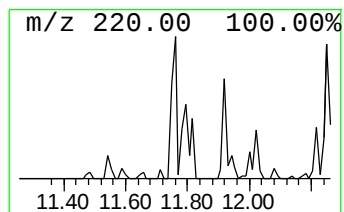
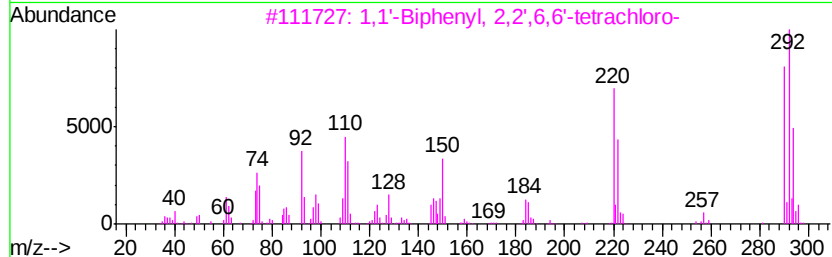
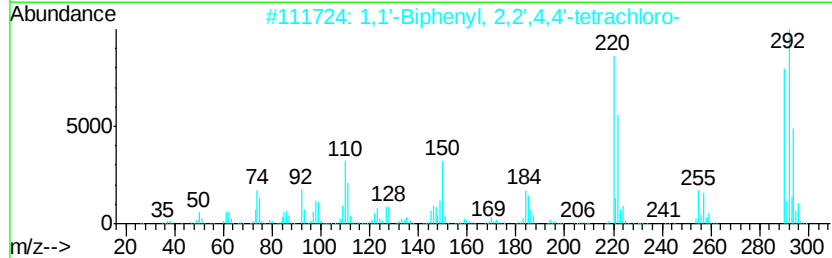
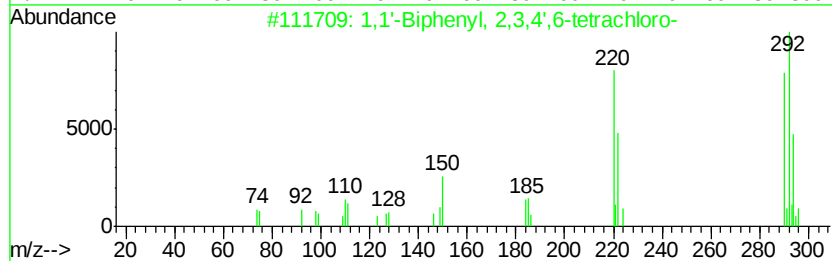
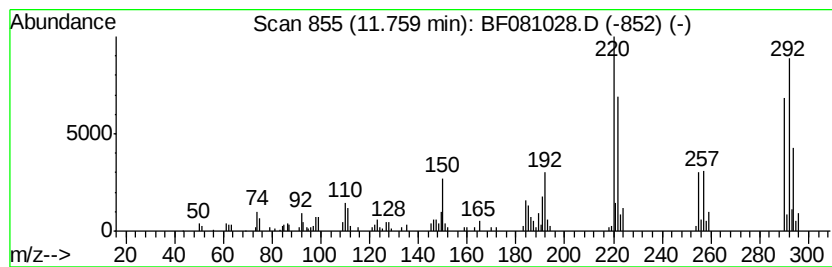
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.76	8.38 ng	284922	Phenanthrene-d10	11.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081028.D
Acq On : 18 Aug 2015 4:17
Operator : UM/IZ
Sample : G3310-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

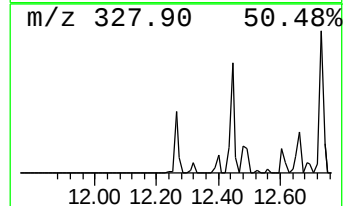
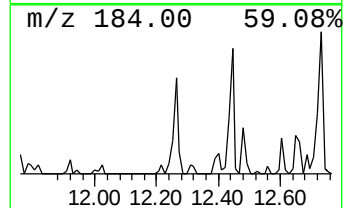
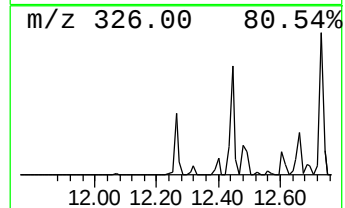
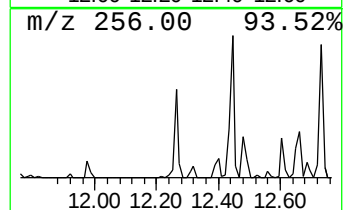
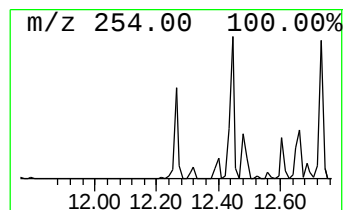
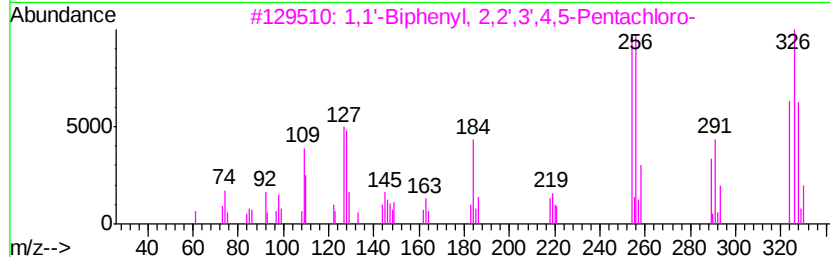
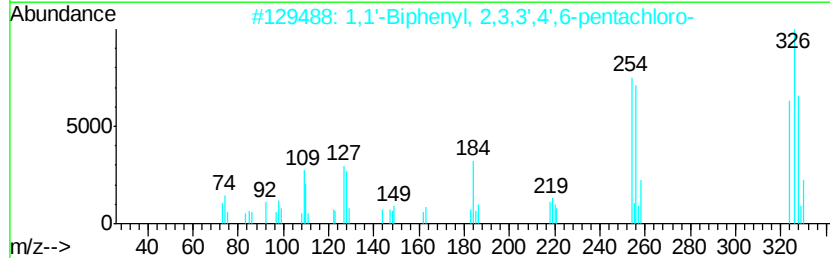
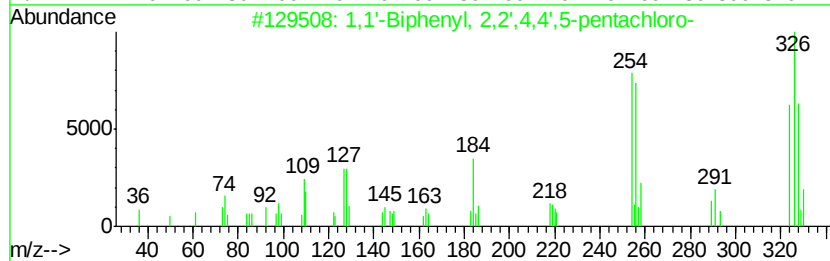
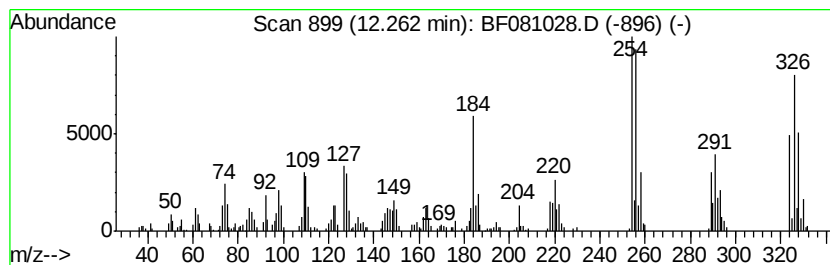
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.26	17.52 ng	595835	Phenanthrene-d10	11.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
5	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081028.D
Acq On : 18 Aug 2015 4:17
Operator : UM/IZ
Sample : G3310-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-DS02-0012-01

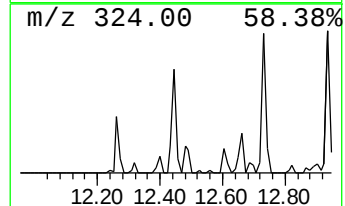
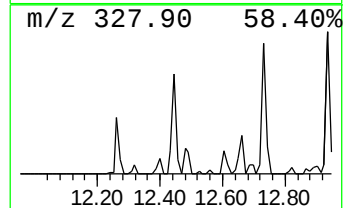
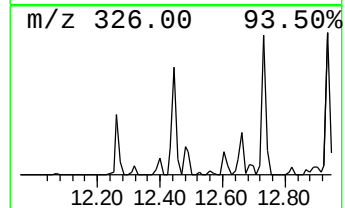
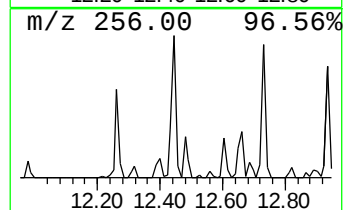
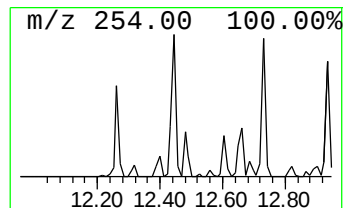
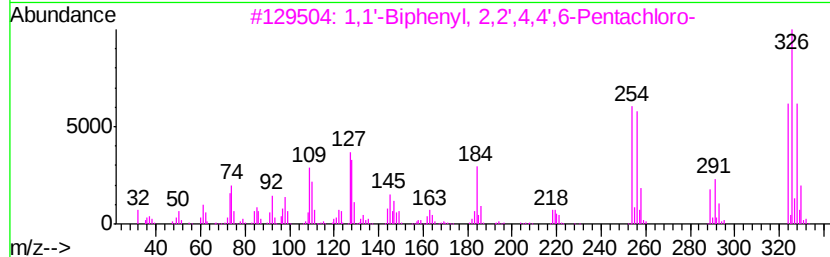
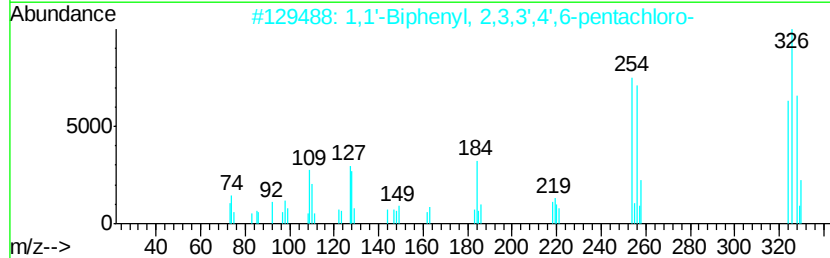
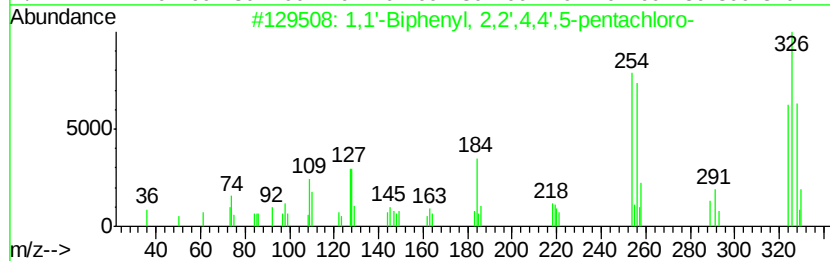
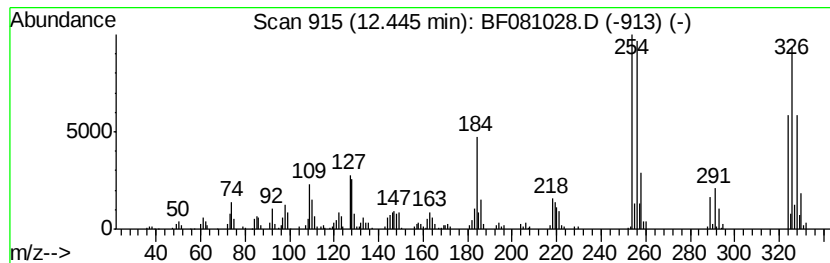
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	11.58 ng	517177	Chrysene-d12	13.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3		1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
4		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
5		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Acq On : 18 Aug 2015 4:17
Operator : UM/IZ
Sample : G3310-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

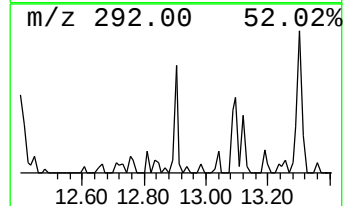
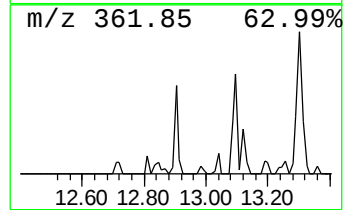
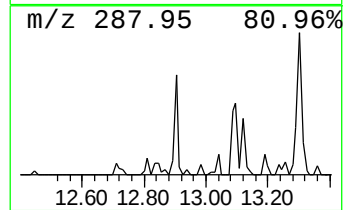
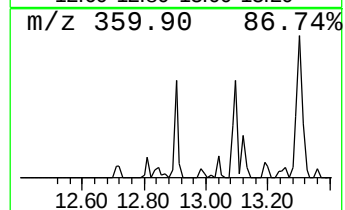
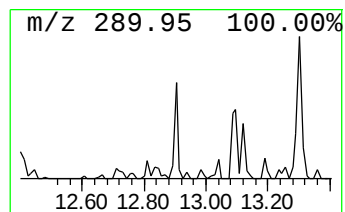
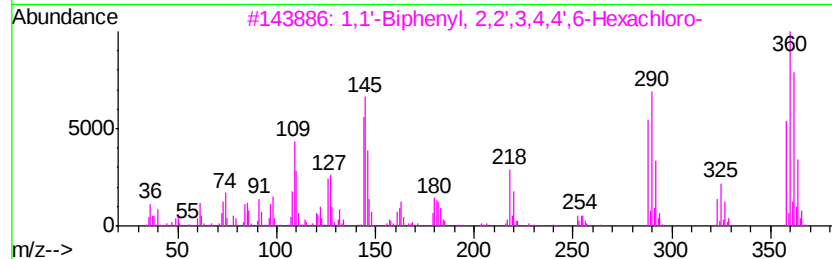
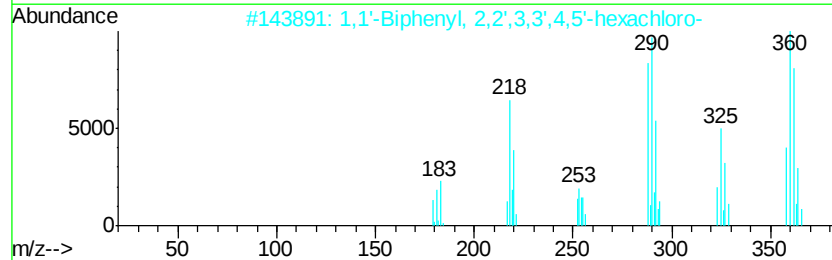
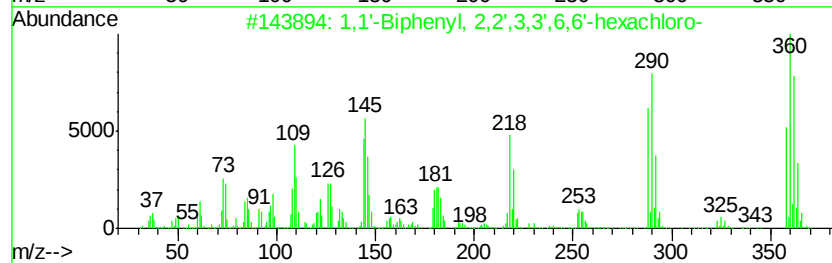
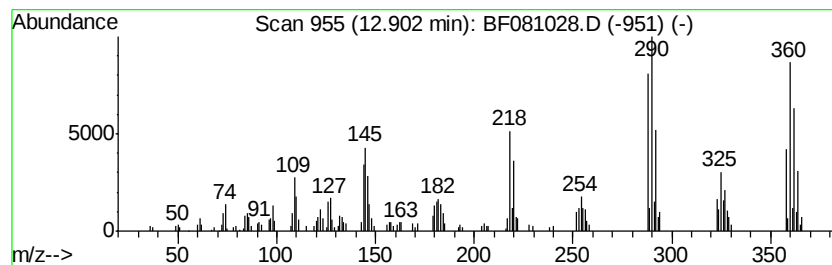
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,2',3,3',6,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.90	7.02 ng	313685	Chrysene-d12	13.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
2	1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	99
3	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
4	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Acq On : 18 Aug 2015 4:17
Operator : UM/IZ
Sample : G3310-03
Misc :
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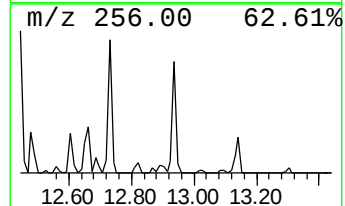
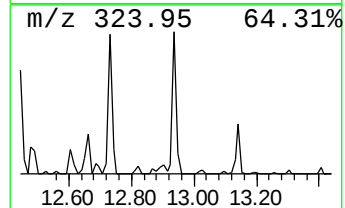
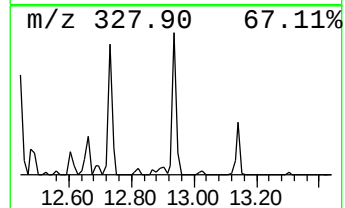
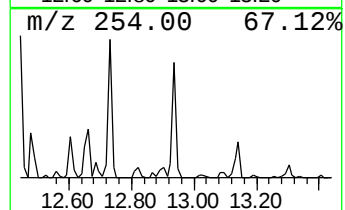
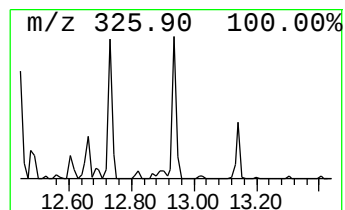
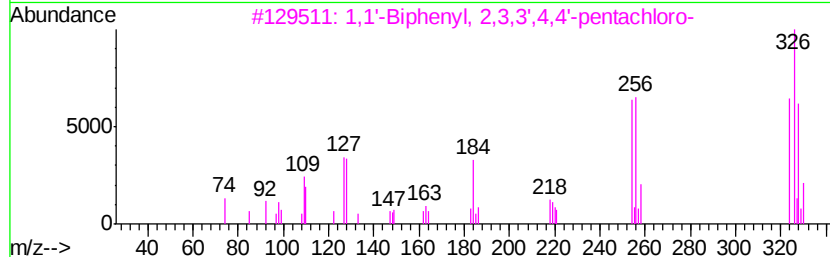
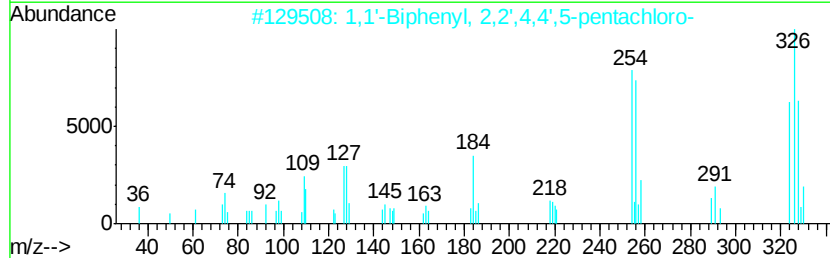
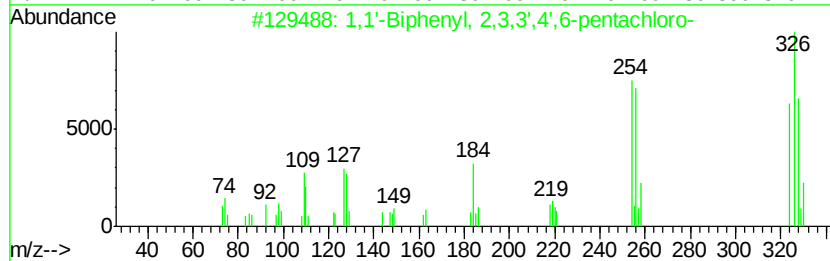
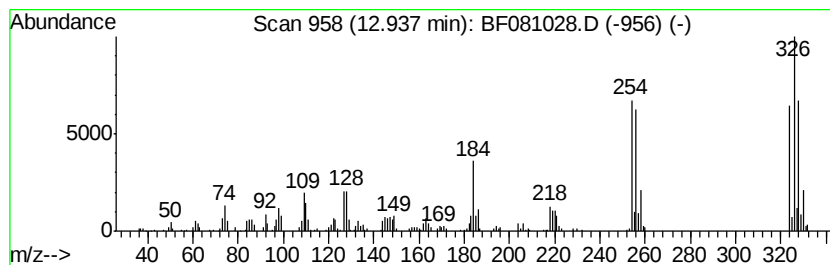
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.94	9.98 ng	445689	Chrysene-d12	13.75		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'	-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'	-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'	-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'	-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98
5	1,1'	-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	98



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Acq On : 18 Aug 2015 4:17
Operator : UM/IZ
Sample : G3310-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

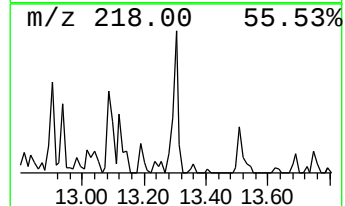
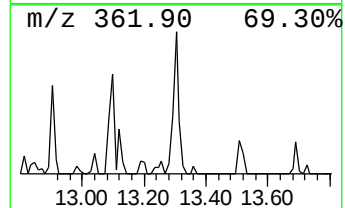
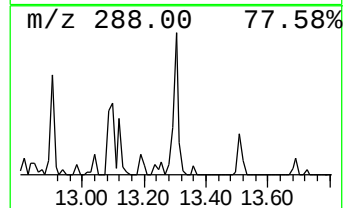
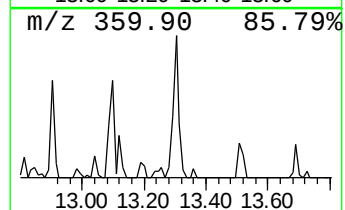
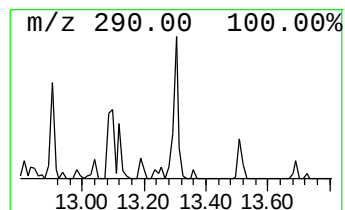
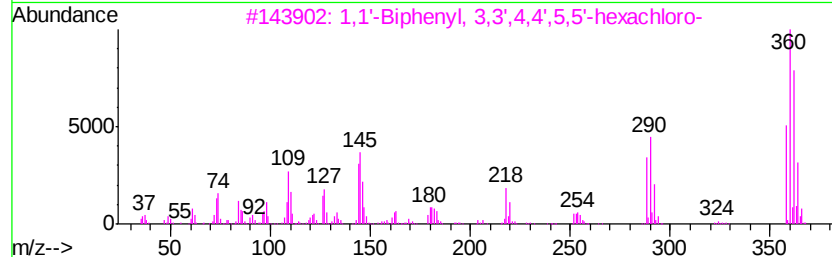
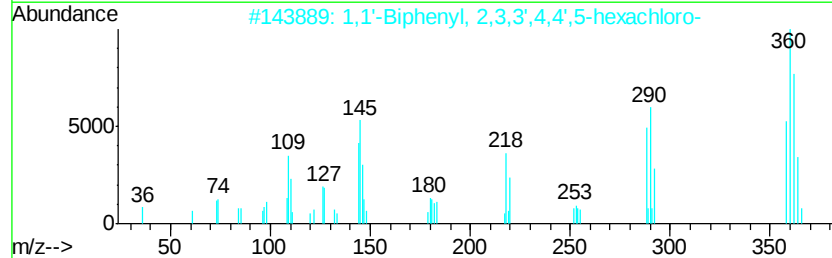
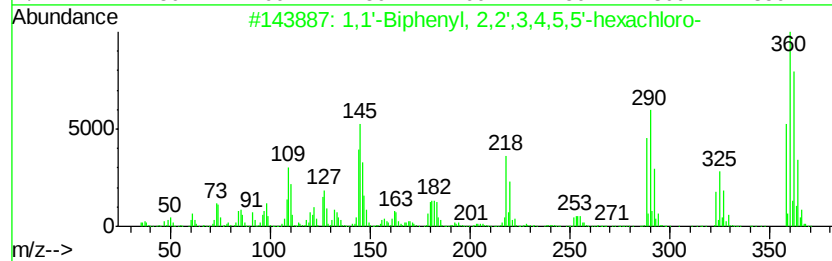
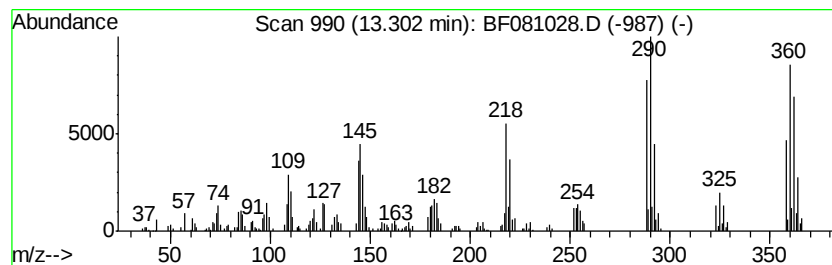
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.30	10.37 ng	463062	Chrysene-d12	13.75		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl,	2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	1,1'-Biphenyl,	3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl,	2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
5	1,1'-Biphenyl,	2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081028.D
Acq On : 18 Aug 2015 4:17
Operator : UM/IZ
Sample : G3310-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-DS02-0012-01

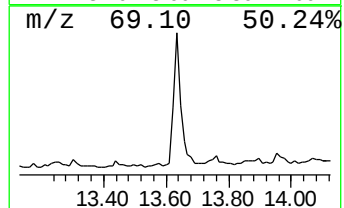
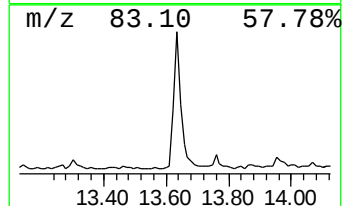
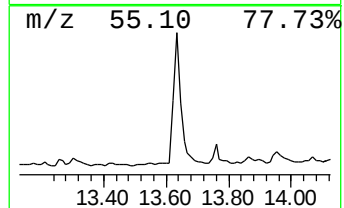
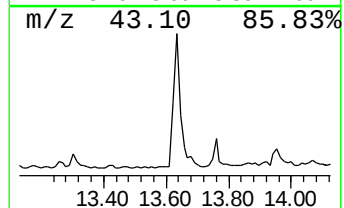
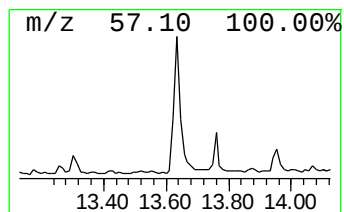
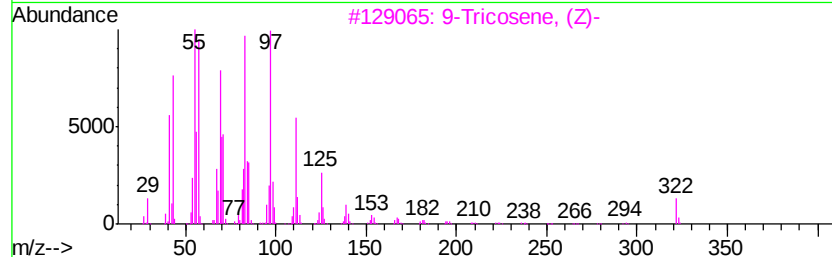
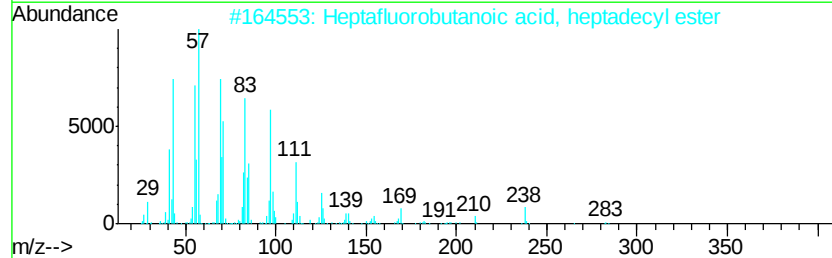
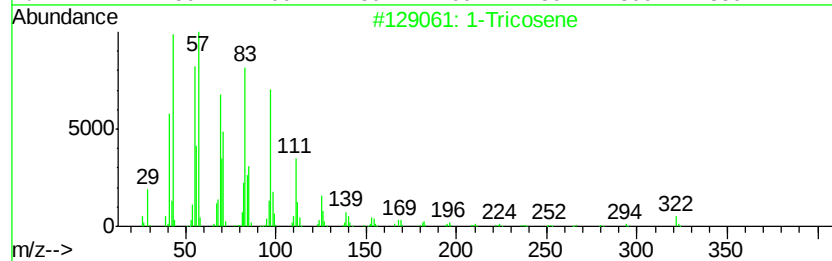
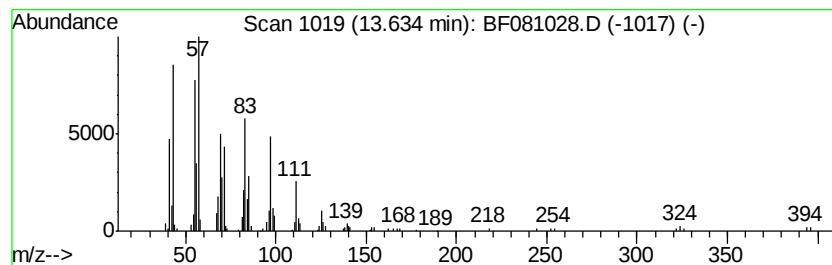
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Tricosene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	6.46 ng	288389	Chrysene-d12	13.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tricosene	322	C23H46	018835-32-0	98
2			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
3			9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
4			1-Pentadecanethiol	244	C15H32S	025276-70-4	93
5			2-Methyl-2-docosene	322	C23H46	1000131-16-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081028.D
Acq On : 18 Aug 2015 4:17
Operator : UM/IZ
Sample : G3310-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

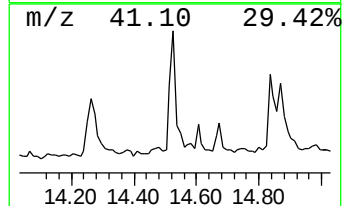
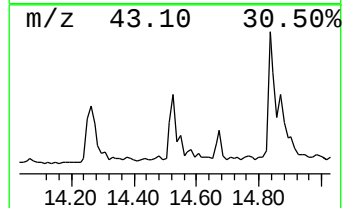
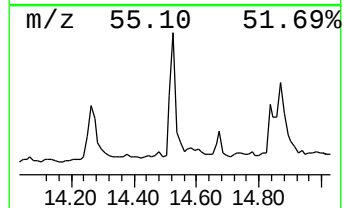
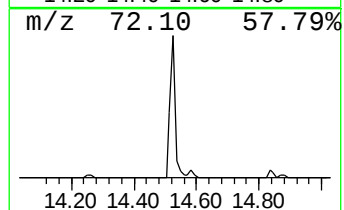
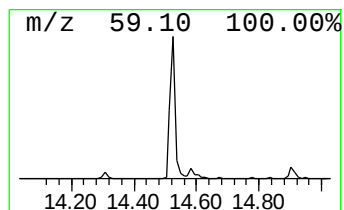
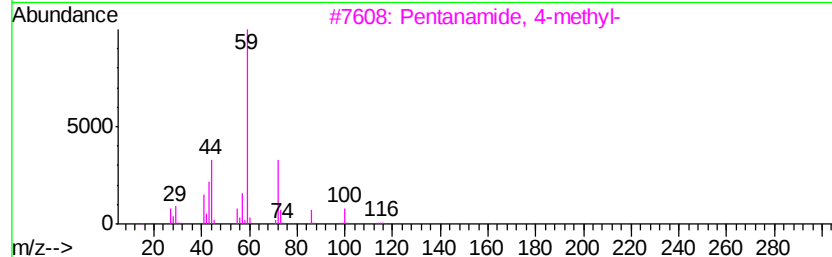
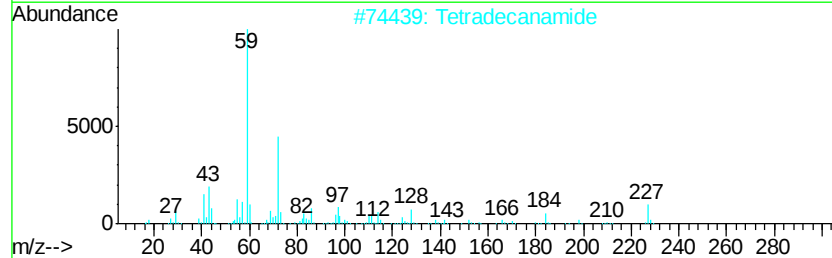
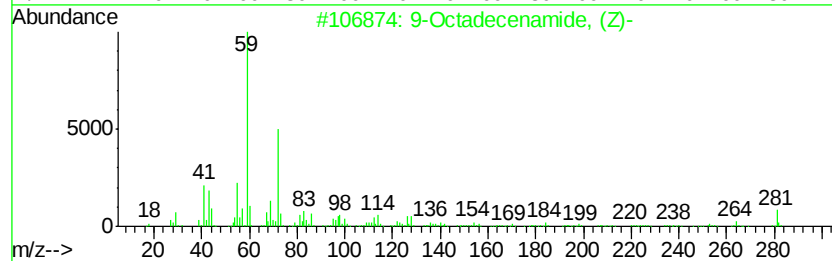
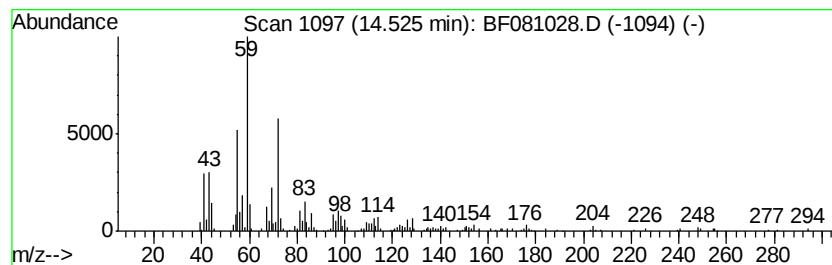
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	15.75 ng	295291	Perylene-d12	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
2		Tetradecanamide	227	C14H29NO	000638-58-4	78
3		Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	64
4		Hexadecanamide	255	C16H33NO	000629-54-9	59
5		Dodecanamide	199	C12H25NO	001120-16-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Sample : G3310-03
Misc :
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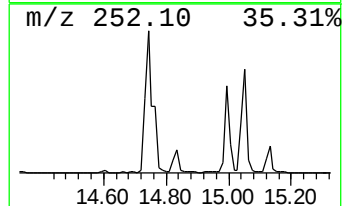
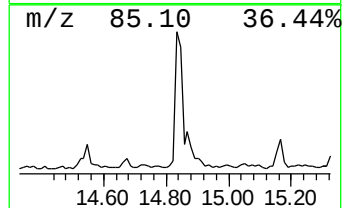
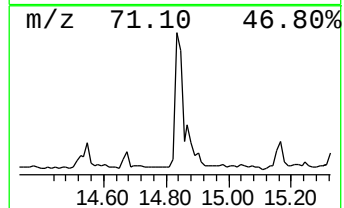
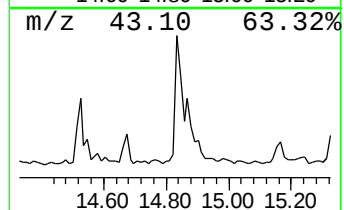
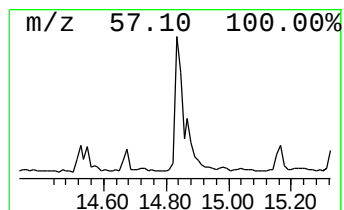
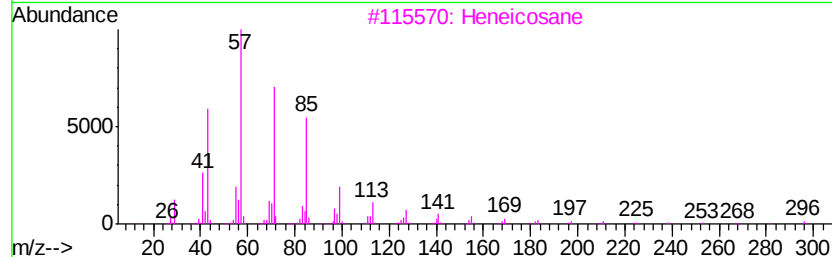
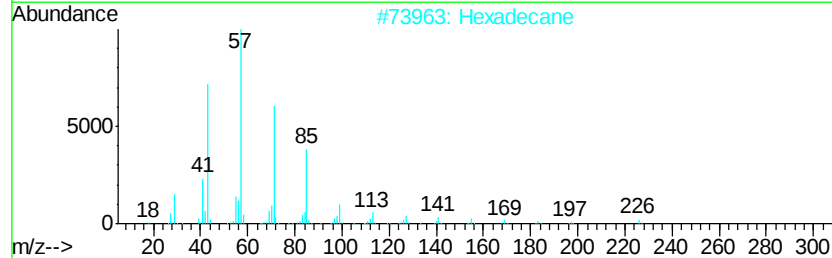
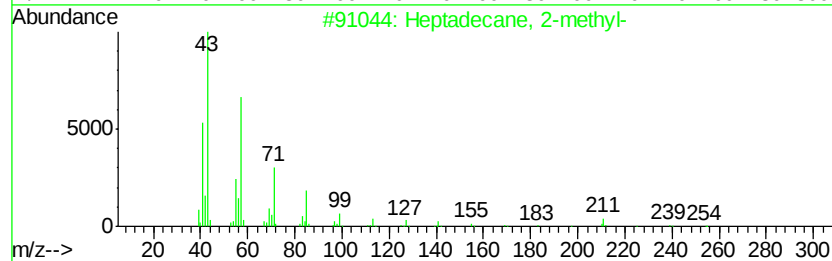
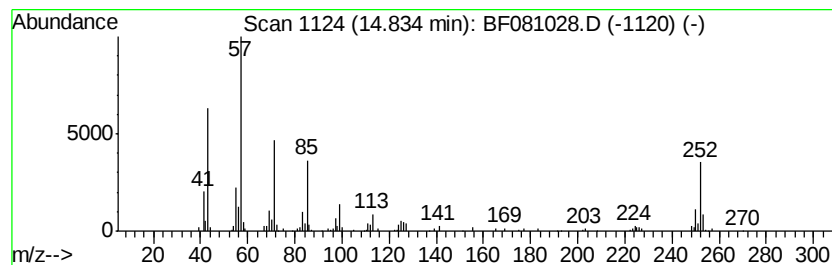
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	14.61 ng	273798	Perylene-d12	15.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane, 2-methyl-	254 C18H38	001560-89-0	64
2	Hexadecane	226 C16H34	000544-76-3	60
3	Heneicosane	296 C21H44	000629-94-7	60
4	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	58
5	Heptadecane, 3-methyl-	254 C18H38	006418-44-6	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081028.D
Acq On : 18 Aug 2015 4:17
Operator : UM/IZ
Sample : G3310-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-DS02-0012-01

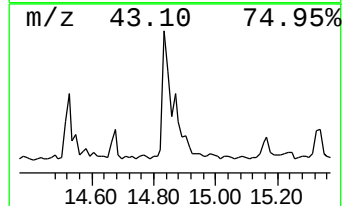
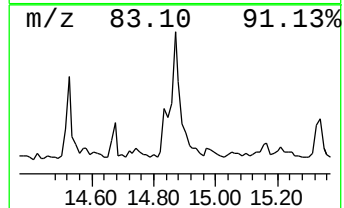
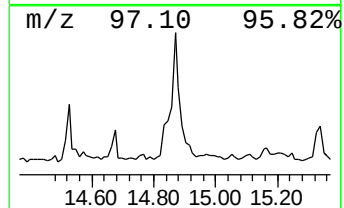
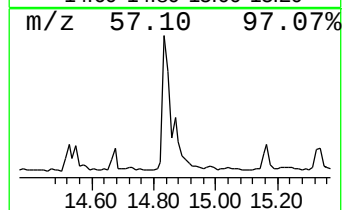
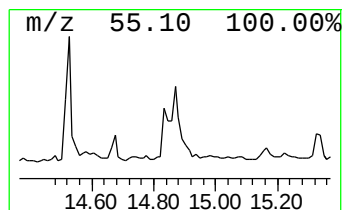
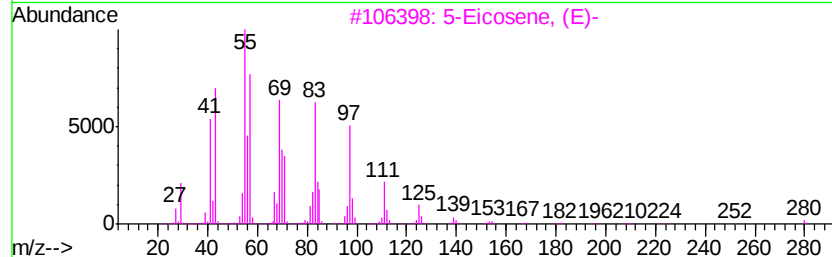
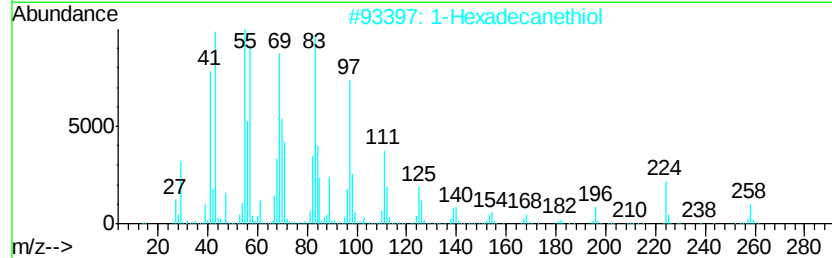
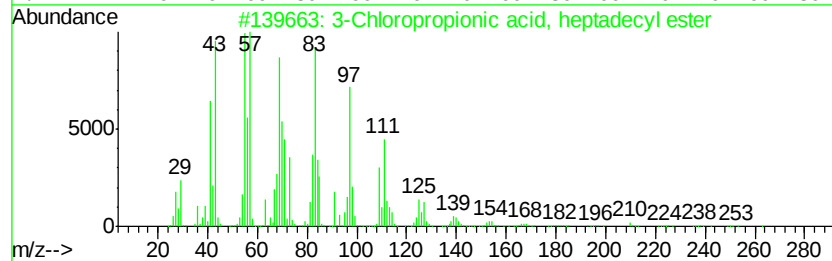
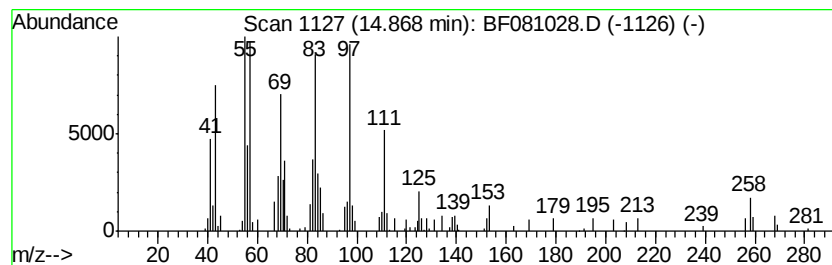
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 3-Chloropropionic acid, hep... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	11.53 ng	216105	Perylene-d12	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	86
2		1-Hexadecanethiol	258	C16H34S	002917-26-2	53
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	49
4		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	49
5		1-Hexacosanol	382	C26H54O	000506-52-5	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081028.D
Acq On : 18 Aug 2015 4:17
Operator : UM/IZ
Sample : G3310-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

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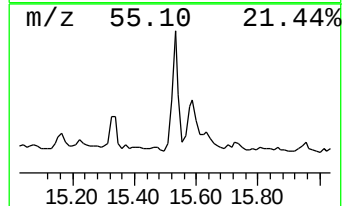
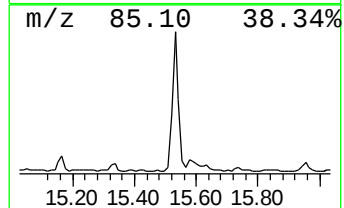
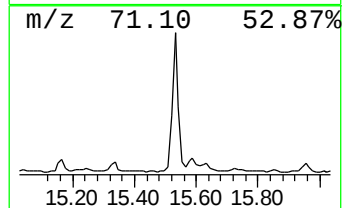
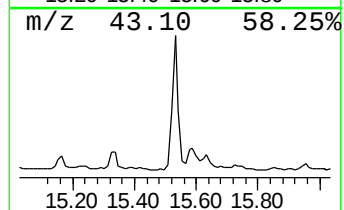
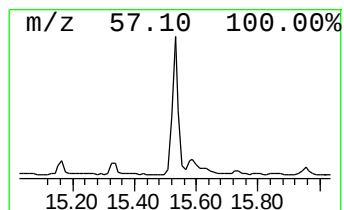
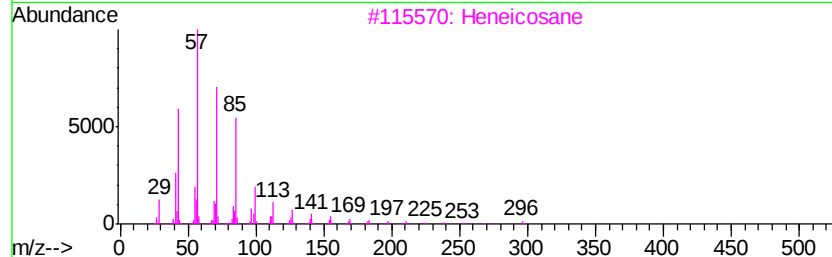
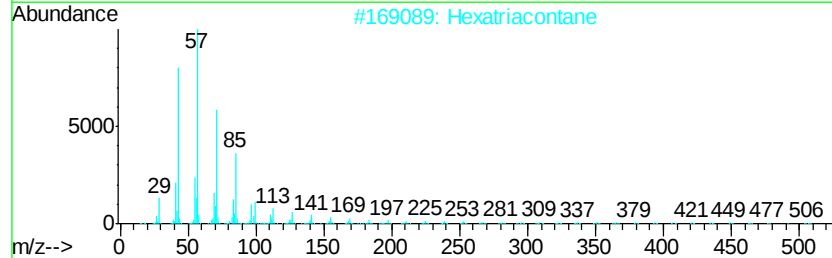
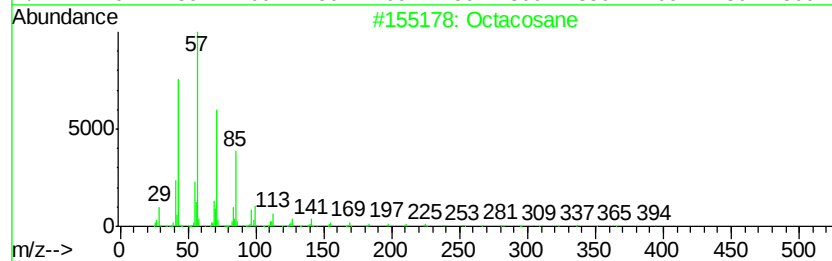
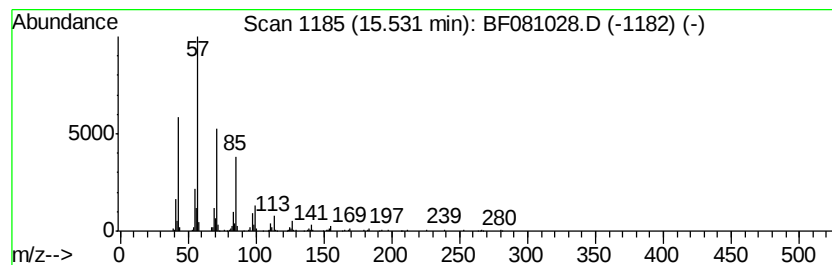
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	21.29 ng	399180	Perylene-d12	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexatriacontane	507	C36H74	000630-06-8	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081028.D
Acq On : 18 Aug 2015 4:17
Operator : UM/IZ
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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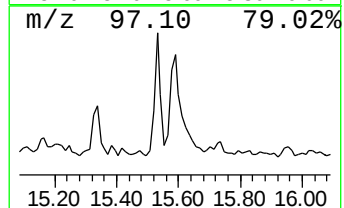
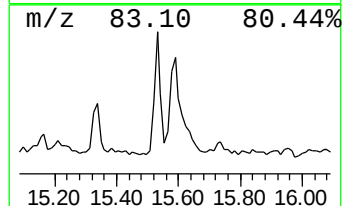
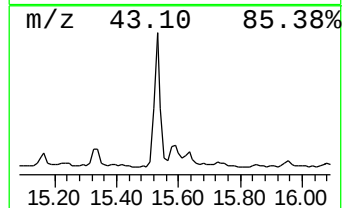
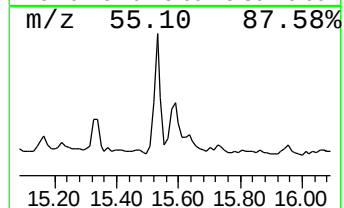
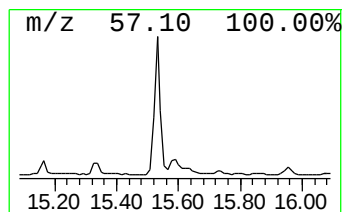
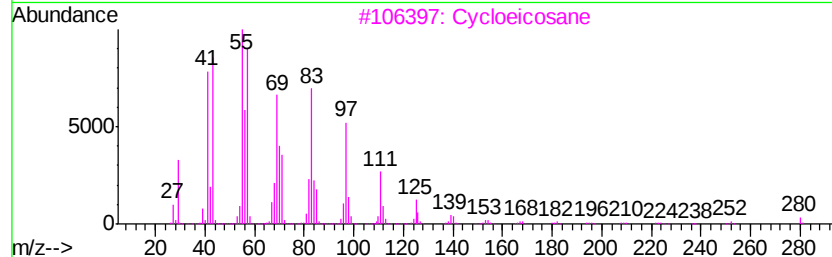
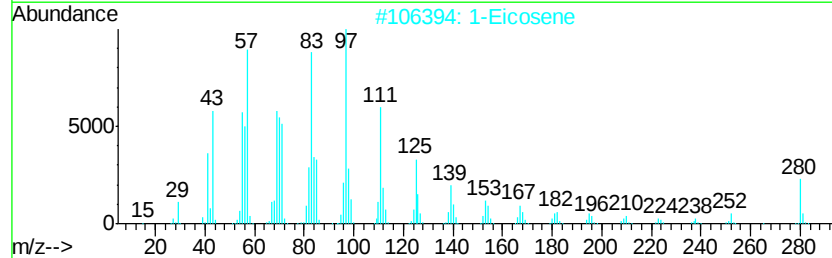
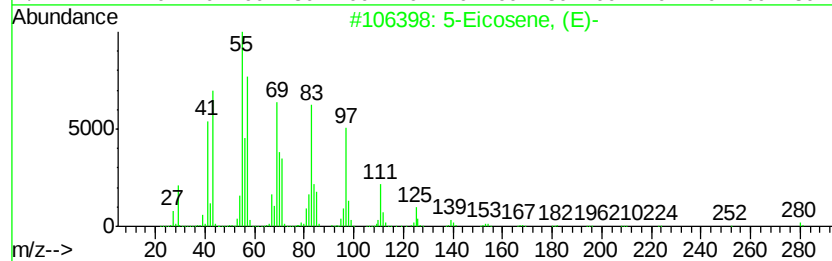
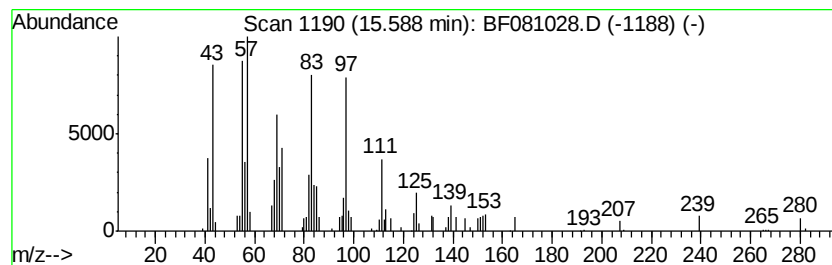
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 5-Eicosene, (E)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	7.46 ng	139933	Perylene-d12	15.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	94
2			1-Eicosene	280	C20H40	003452-07-1	94
3			Cycloeicosane	280	C20H40	000296-56-0	91
4			Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	86
5			Cyclohexane, 1-(1,5-dimethylhexy...	280	C20H40	056009-20-2	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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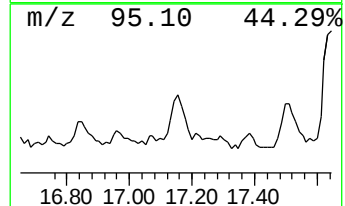
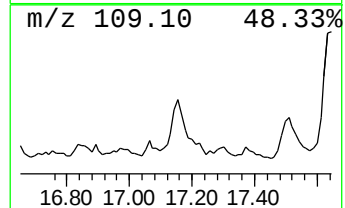
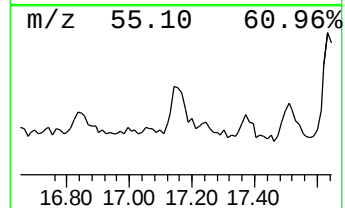
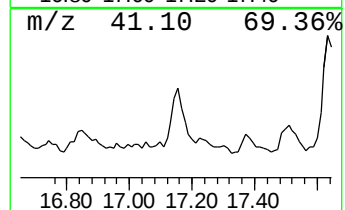
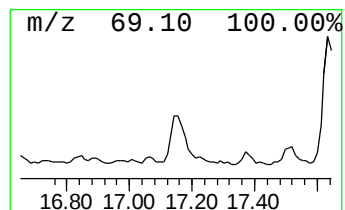
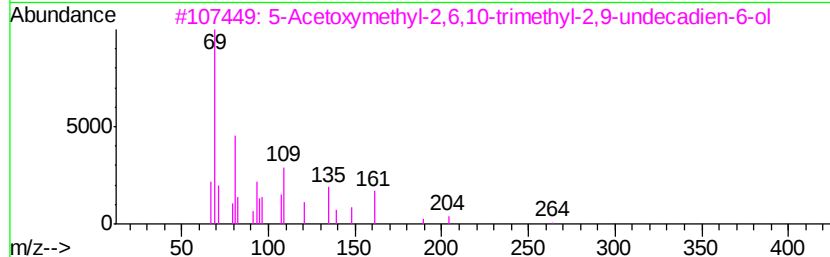
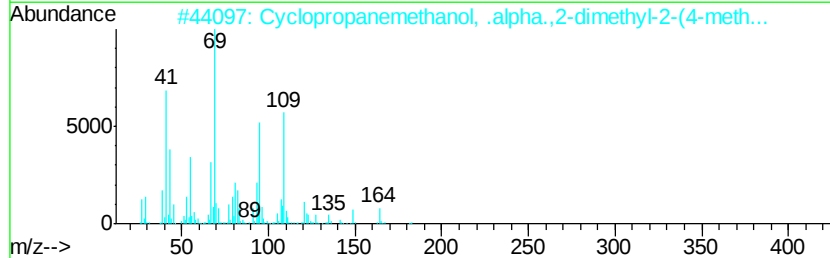
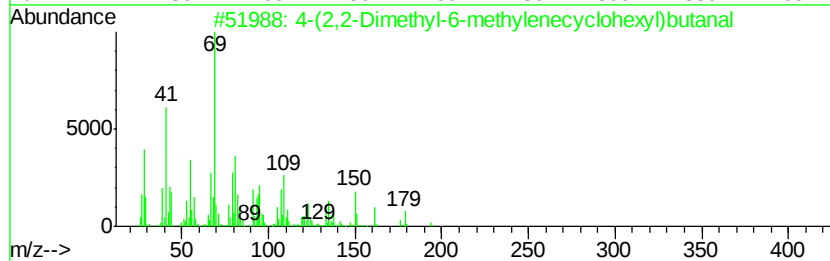
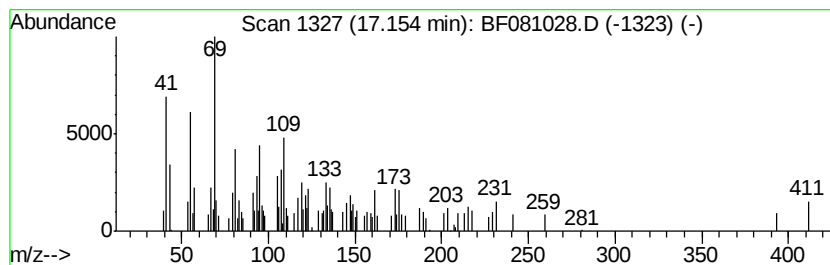
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.15 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	8.06 ng	151112	Perylene-d12	15.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4	(2,2-Dimethyl-6-methylenecyclo...	194	C13H22O	095452-13-4	38	
2	Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	37		
3	5-Acetoxymethyl-2,6,10-trimethyl...	282	C17H30O3	1000144-12-3	32		
4	1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	32		
5	Cyclopropanemethanol, 2-methyl-2...	168	C11H20O	098678-70-7	32		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081028.D
Acq On : 18 Aug 2015 4:17
Operator : UM/IZ
Sample : G3310-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

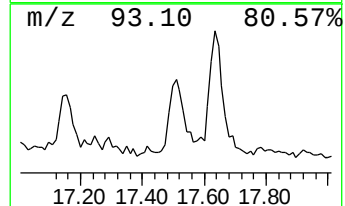
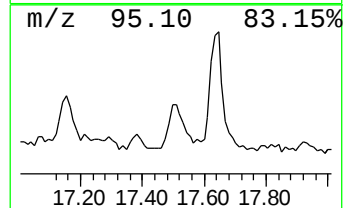
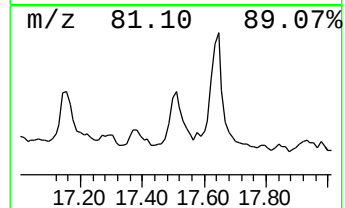
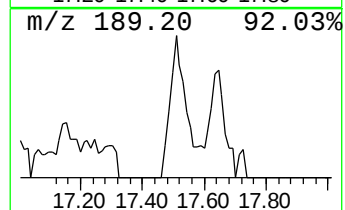
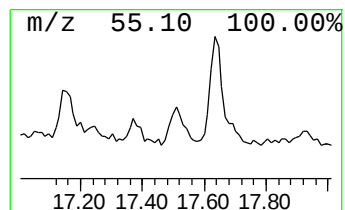
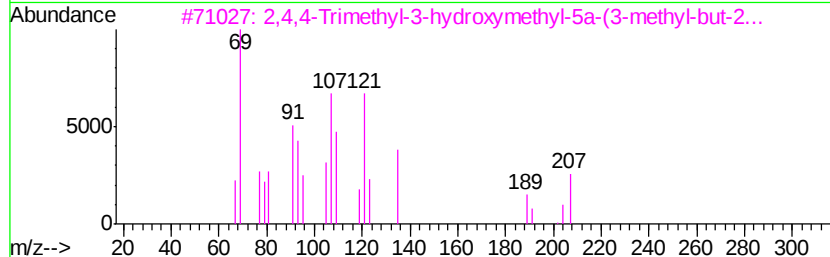
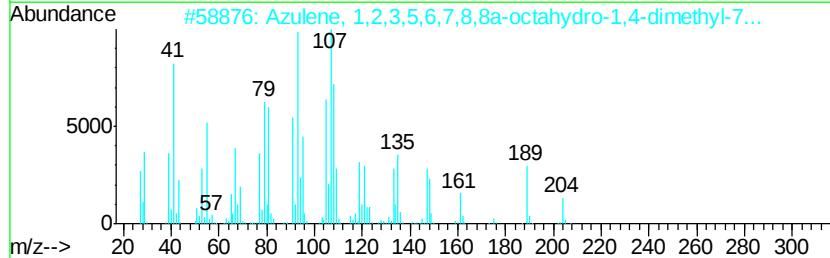
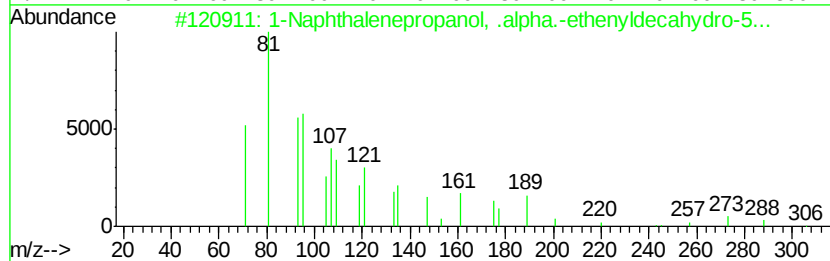
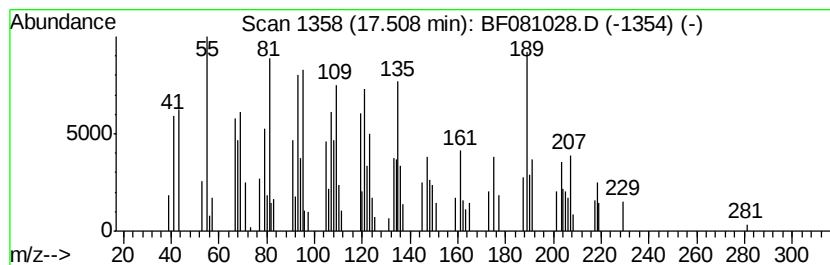
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.51 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	9.10 ng	170524	Perylene-d12	15.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	004549-12-6	49
2			Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	30
3			2,4,4-Trimethyl-3-hydroxymethyl-...	222	C15H26O	1000144-10-5	27
4			Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	000515-13-9	25
5			1,5-Cycloundecadiene, 9-(1-methy...	190	C14H22	062338-55-0	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081028.D
Acq On : 18 Aug 2015 4:17
Operator : UM/IZ
Sample : G3310-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-DS02-0012-01

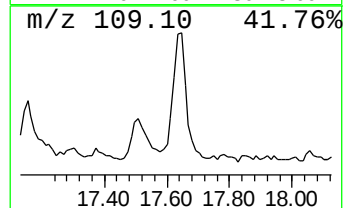
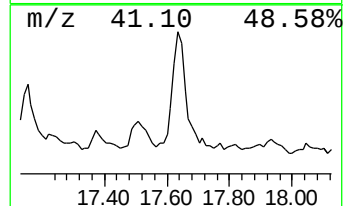
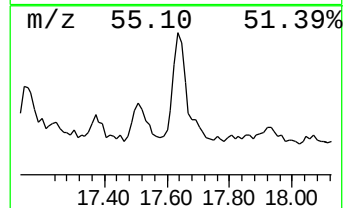
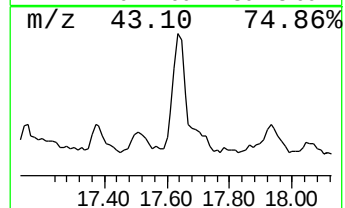
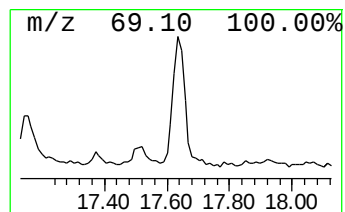
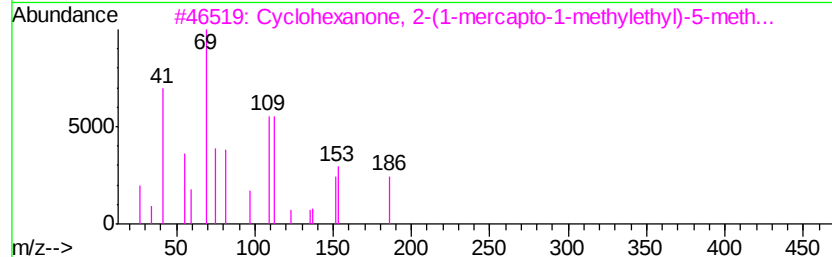
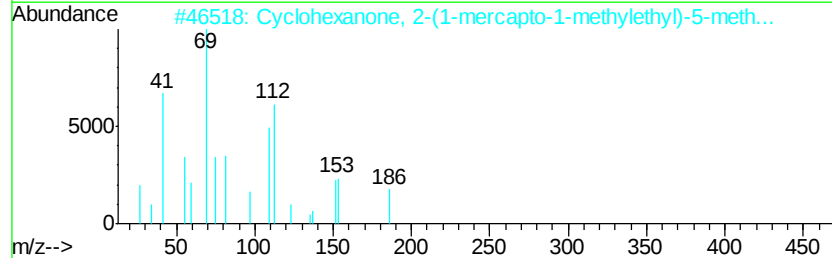
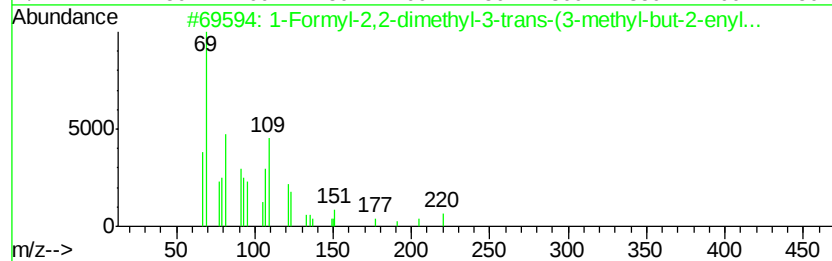
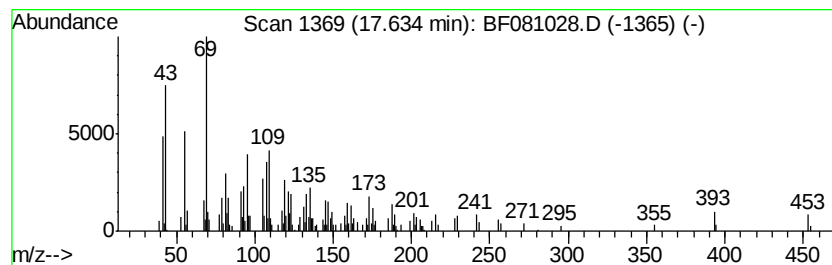
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Formyl-2,2-dimethyl-3-tra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	22.31 ng	418286	Perylene-d12	15.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	53
2		Cyclohexanone, 2-(1-mercapto-1-m...	186	C10H18OS	035117-86-3	23
3		Cyclohexanone, 2-(1-mercapto-1-m...	186	C10H18OS	035117-85-2	23
4		Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	22
5		5.alpha.-Pregnan-20-one, 12.beta...	318	C21H34O2	005618-22-4	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081028.D
 Acq On : 18 Aug 2015 4:17
 Operator : UM/IZ
 Sample : G3310-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-DS02-0012-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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...	4.76	58.0	ng	1144510	1	6.63	394292	20.0
unknown6.39	6.39	81.7	ng	1610030	1	6.63	394292	20.0
n-Hexadecanoic acid	11.69	8.6	ng	291480	4	11.13	680053	20.0
1,1'-Biphenyl, 2,...	11.76	8.4	ng	284922	4	11.13	680053	20.0
1,1'-Biphenyl, 2,...	12.26	17.5	ng	595835	4	11.13	680053	20.0
1,1'-Biphenyl, 2,...	12.45	11.6	ng	517177	5	13.75	893100	20.0
1,1'-Biphenyl, 2,...	12.90	7.0	ng	313685	5	13.75	893100	20.0
1,1'-Biphenyl, 2,...	12.94	10.0	ng	445689	5	13.75	893100	20.0
1,1'-Biphenyl, 2,...	13.30	10.4	ng	463062	5	13.75	893100	20.0
1-Tricosene	13.63	6.5	ng	288389	5	13.75	893100	20.0
9-Octadecenamide,...	14.53	15.8	ng	295291	6	15.11	374909	20.0
Heptadecane, 2-me...	14.83	14.6	ng	273798	6	15.11	374909	20.0
3-Chloropropionic...	14.87	11.5	ng	216105	6	15.11	374909	20.0
Octacosane	15.53	21.3	ng	399180	6	15.11	374909	20.0
5-Eicosene, (E)-	15.59	7.5	ng	139933	6	15.11	374909	20.0
unknown17.15	17.15	8.1	ng	151112	6	15.11	374909	20.0
unknown17.51	17.51	9.1	ng	170524	6	15.11	374909	20.0
1-Formyl-2,2-dime...	17.63	22.3	ng	418286	6	15.11	374909	20.0