

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098979.D
 Acq On : 30 Sep 2017 22:53
 Operator : SJ/JU
 Sample : I5551-04 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-092917-B

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-BF092317.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	5.528	580	585	594	rBV	324453	302054	30.53%	1.230%
2	6.157	687	692	699	rBV2	75904	137126	13.86%	0.559%
3	6.351	720	725	728	rBV3	59921	86414	8.73%	0.352%
4	6.410	733	735	737	rVB	101706	73622	7.44%	0.300%
5	6.439	737	740	747	rBV3	131435	190923	19.30%	0.778%
6	6.498	747	750	752	rBV	120942	106703	10.79%	0.435%
7	6.534	752	756	759	rVB	316475	309184	31.25%	1.260%
8	6.598	763	767	772	rVB2	79560	105666	10.68%	0.430%
9	6.657	772	777	778	rBV2	88311	122143	12.35%	0.498%
10	6.681	778	781	785	rVB	372840	313292	31.67%	1.276%
11	6.745	789	792	795	rBV	467125	413117	41.76%	1.683%
12	6.845	804	809	811	rBV4	49670	76253	7.71%	0.311%
13	6.875	811	814	815	rBV2	52787	53791	5.44%	0.219%
14	6.916	818	821	824	rVB2	1100766	927934	93.80%	3.780%
15	6.969	827	830	833	rVB2	178929	172682	17.45%	0.703%
16	7.022	833	839	842	rVB3	108526	112036	11.32%	0.456%
17	7.069	842	847	850	rBV2	404373	515810	52.14%	2.101%
18	7.139	856	859	861	rBV	86307	76128	7.70%	0.310%
19	7.163	861	863	864	rBV2	71649	63728	6.44%	0.260%
20	7.186	864	867	869	rVB	346887	302408	30.57%	1.232%
21	7.210	869	871	873	rBV	171554	152303	15.39%	0.620%
22	7.234	873	875	876	rVV	147573	145116	14.67%	0.591%
23	7.245	876	877	881	rVB2	283224	198836	20.10%	0.810%
24	7.292	881	885	887	rBV	301498	334052	33.77%	1.361%
25	7.334	890	892	897	rVB5	70292	110529	11.17%	0.450%
26	7.398	897	903	906	rBV3	77237	136617	13.81%	0.557%
27	7.445	906	911	913	rBV2	318068	354901	35.87%	1.446%
28	7.475	913	916	917	rVV	182545	184833	18.68%	0.753%
29	7.504	917	921	925	rVB	959847	918122	92.80%	3.740%
30	7.557	925	930	933	rBV5	273851	392258	39.65%	1.598%
31	7.616	933	940	944	rBV4	164436	412905	41.74%	1.682%
32	7.663	944	948	949	rBV4	61924	82866	8.38%	0.338%
33	7.686	949	952	954	rBV2	176408	139664	14.12%	0.569%
34	7.710	954	956	960	rVB2	146053	194060	19.62%	0.791%

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35	7.792	966	970	972	rBV3	122480	173596	17.55%	0.707%
36	7.816	972	974	976	rVV	231378	218233	22.06%	0.889%
37	7.839	976	978	981	rVV3	199870	278310	28.13%	1.134%
38	7.875	981	984	987	rVV2	240843	304257	30.75%	1.239%
39	7.904	987	989	992	rVV2	269623	271567	27.45%	1.106%
40	7.939	992	995	997	rVV2	463366	490746	49.60%	1.999%
41	7.963	997	999	1000	rVV	142606	114560	11.58%	0.467%
42	7.981	1000	1002	1004	rVV	244155	217420	21.98%	0.886%
43	8.010	1004	1007	1010	rVV4	199944	236670	23.92%	0.964%
44	8.039	1010	1012	1014	rVB	158220	118680	12.00%	0.483%
45	8.063	1014	1016	1019	rVB2	158294	157628	15.93%	0.642%
46	8.098	1019	1022	1025	rBV2	83067	98426	9.95%	0.401%
47	8.145	1025	1030	1031	rVV4	125474	180038	18.20%	0.733%
48	8.169	1031	1034	1037	rVV	843359	912229	92.21%	3.716%
49	8.198	1037	1039	1042	rVV	1136892	989315	100.00%	4.030%
50	8.251	1044	1048	1050	rVB2	531224	539960	54.58%	2.200%
51	8.281	1050	1053	1055	rBV2	192834	182252	18.42%	0.742%
52	8.304	1055	1057	1061	rVB4	78410	61809	6.25%	0.252%
53	8.345	1061	1064	1066	rBV3	110563	125071	12.64%	0.510%
54	8.392	1069	1072	1075	rVB3	187547	199055	20.12%	0.811%
55	8.445	1078	1081	1084	rVV3	68410	73542	7.43%	0.300%
56	8.486	1084	1088	1092	rVB3	377191	448536	45.34%	1.827%
57	8.533	1093	1096	1099	rVV3	158563	163515	16.53%	0.666%
58	8.569	1099	1102	1106	rVB3	209022	248756	25.14%	1.013%
59	8.610	1106	1109	1111	rBV	553368	429635	43.43%	1.750%
60	8.633	1111	1113	1116	rBV	128358	101297	10.24%	0.413%
61	8.698	1121	1124	1127	rBV	304601	257812	26.06%	1.050%
62	8.733	1127	1130	1132	rBV3	70312	80144	8.10%	0.326%
63	8.781	1135	1138	1142	rVB	795788	618688	62.54%	2.520%
64	8.828	1142	1146	1147	rBV3	70239	92435	9.34%	0.377%
65	8.857	1149	1151	1152	rBV2	103371	76004	7.68%	0.310%
66	8.939	1163	1165	1168	rBV4	87058	76128	7.70%	0.310%
67	8.975	1168	1171	1173	rVV4	83867	113185	11.44%	0.461%
68	9.016	1176	1178	1181	rVV2	228004	223697	22.61%	0.911%
69	9.063	1183	1186	1187	rVV3	187789	187259	18.93%	0.763%
70	9.080	1187	1189	1190	rVV	141474	126882	12.83%	0.517%
71	9.110	1190	1194	1196	rVV3	158122	216651	21.90%	0.883%

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72	9.145	1196	1200	1204	rVV2	235890	286937	29.00%	1.169%
73	9.186	1204	1207	1209	rVV	178089	156063	15.77%	0.636%
74	9.210	1209	1211	1213	rVV	400916	301725	30.50%	1.229%
75	9.233	1213	1215	1218	rVB2	86133	79197	8.01%	0.323%
76	9.269	1218	1221	1226	rVB	421751	368470	37.24%	1.501%
77	9.345	1230	1234	1237	rBV	576140	514896	52.05%	2.098%
78	9.386	1239	1241	1243	rVV2	79401	70733	7.15%	0.288%
79	9.422	1245	1247	1249	rVB	172264	124128	12.55%	0.506%
80	9.598	1272	1277	1279	rBV3	98054	154609	15.63%	0.630%
81	9.622	1279	1281	1284	rVV3	98445	99781	10.09%	0.406%
82	9.663	1284	1288	1290	rVV	306408	345488	34.92%	1.407%
83	9.686	1290	1292	1296	rVB3	108987	124770	12.61%	0.508%
84	9.722	1296	1298	1301	rVB3	97835	89913	9.09%	0.366%
85	9.875	1321	1324	1328	rVB	262247	228651	23.11%	0.931%
86	9.957	1332	1338	1341	rVB	835521	781152	78.96%	3.182%
87	10.110	1359	1364	1366	rBV2	39904	63409	6.41%	0.258%
88	10.192	1375	1378	1383	rBV3	60836	75692	7.65%	0.308%
89	10.375	1404	1409	1412	rBV	105398	103699	10.48%	0.422%
90	10.592	1442	1446	1452	rVB	48325	70654	7.14%	0.288%
91	10.739	1468	1471	1476	rBV	113745	100339	10.14%	0.409%
92	10.845	1486	1489	1499	rVB	72718	102908	10.40%	0.419%
93	11.439	1587	1590	1593	rBV	772522	711689	71.94%	2.899%
94	12.516	1771	1773	1777	rVV3	49439	57912	5.85%	0.236%
95	12.657	1793	1797	1800	rBV	107895	104595	10.57%	0.426%
96	12.886	1830	1836	1842	rVB	158874	167947	16.98%	0.684%
97	13.021	1856	1859	1862	rBV	342396	295349	29.85%	1.203%
98	13.915	2008	2011	2017	rVB2	49777	71023	7.18%	0.289%
99	14.080	2035	2039	2042	rBV	783904	729554	73.74%	2.972%
100	15.580	2289	2294	2302	rVB	401427	544188	55.01%	2.217%

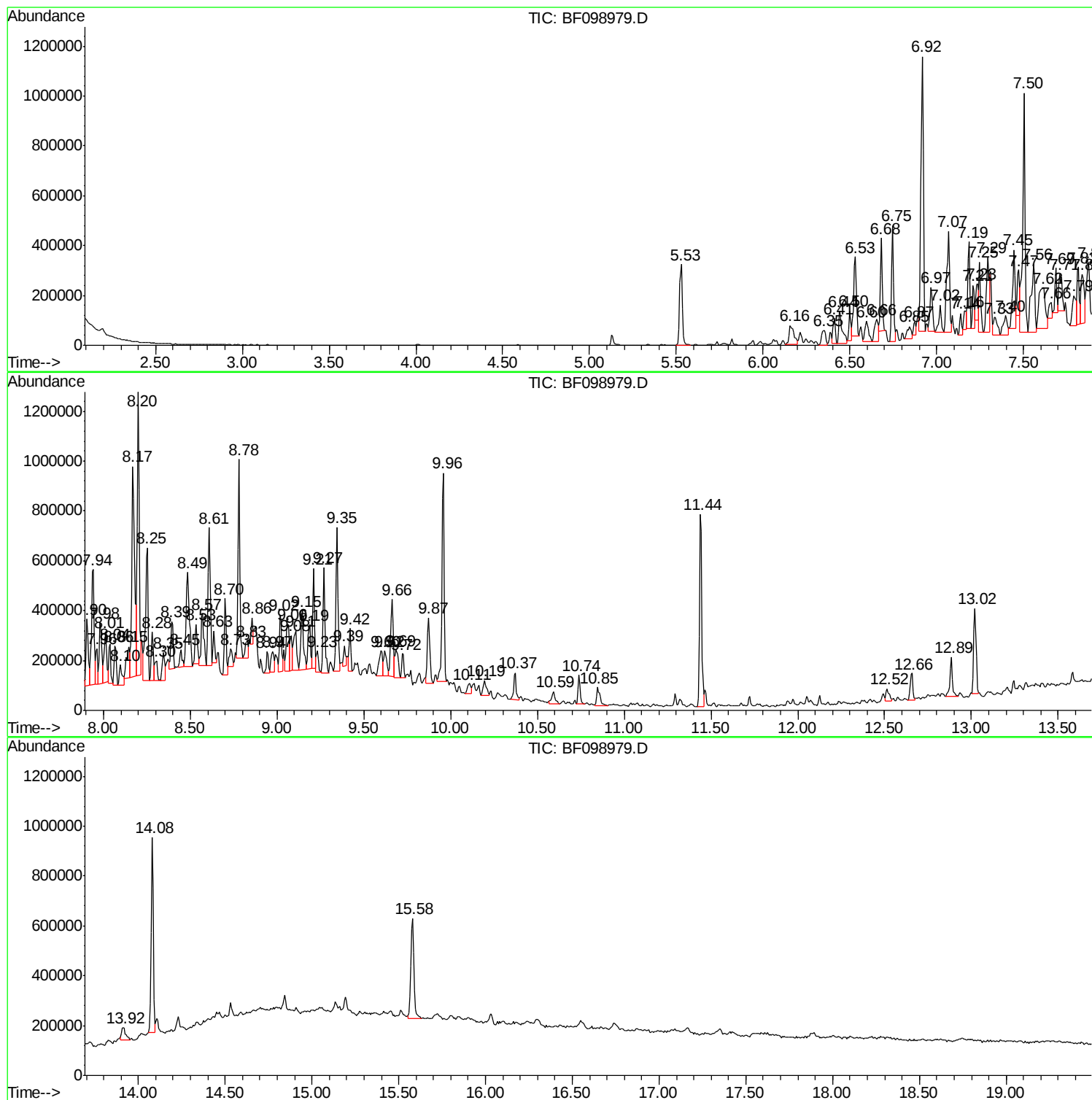
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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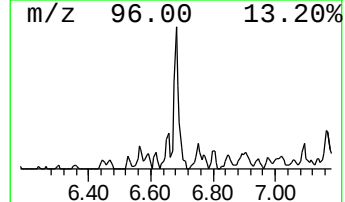
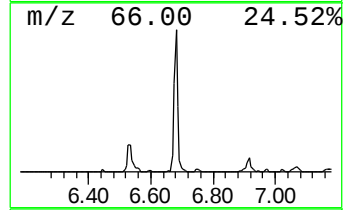
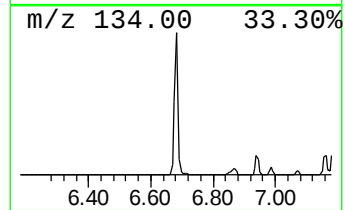
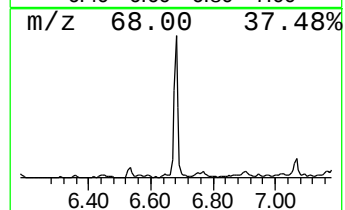
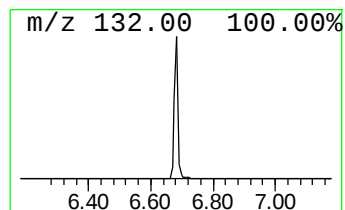
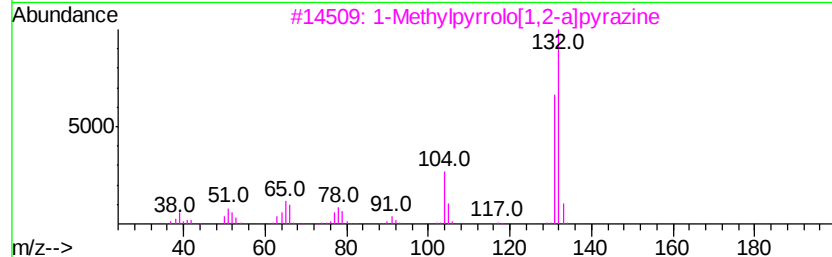
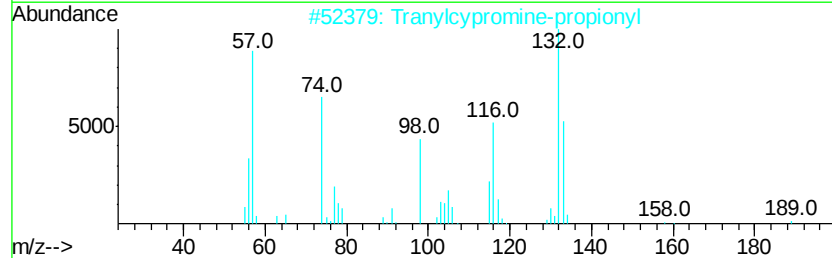
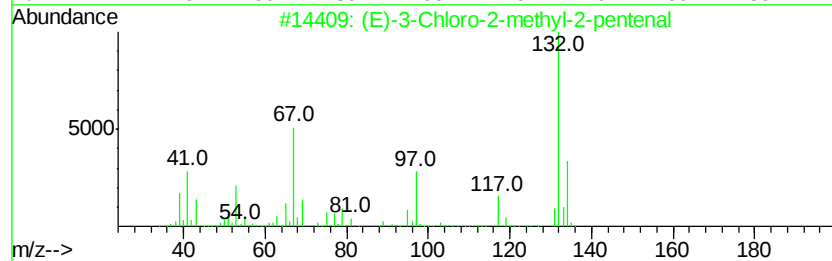
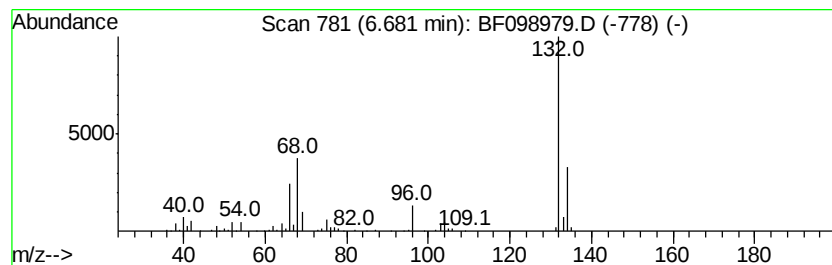
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.68 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	6.75 ng	313292	1,4-Dichlorobenzene-d4	6.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25		
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12		
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9		
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9		
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9		



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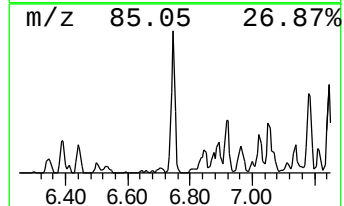
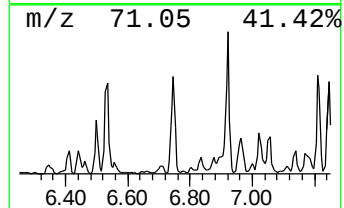
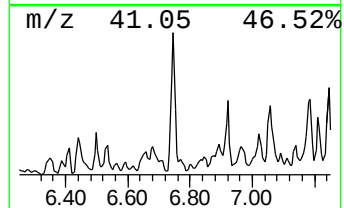
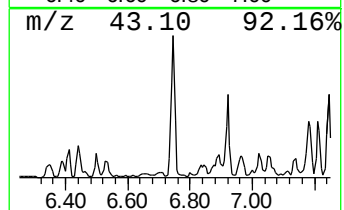
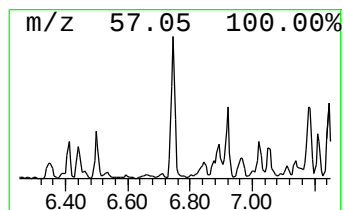
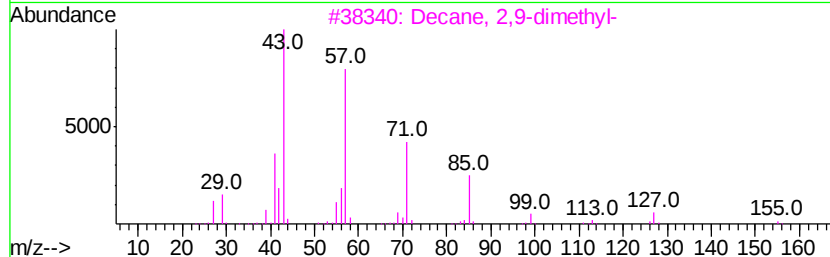
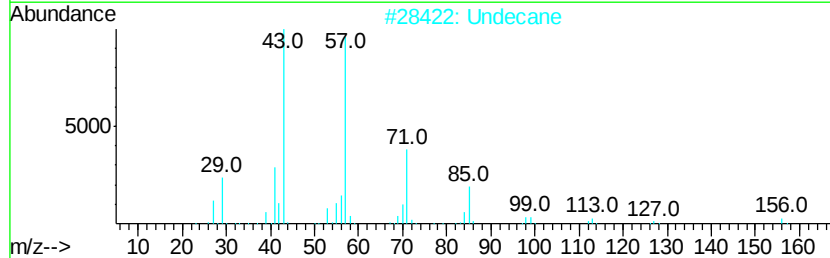
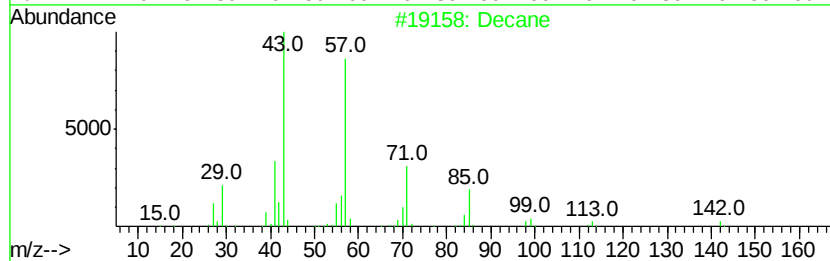
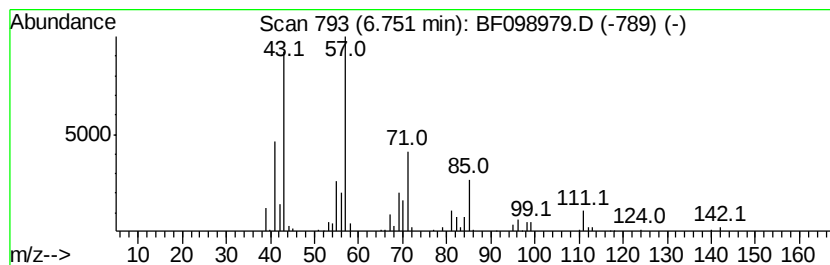
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	8.90 ng	413117	1,4-Dichlorobenzene-d4	6.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	90
2	Undecane			156	C11H24	001120-21-4	90
3	Decane, 2,9-dimethyl-			170	C12H26	001002-17-1	72
4	1-Iodo-2-methylundecane			296	C12H25I	073105-67-6	72
5	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	64



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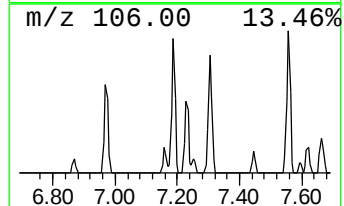
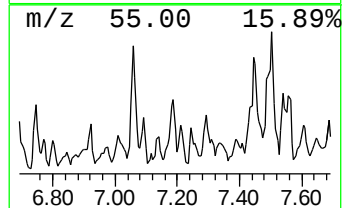
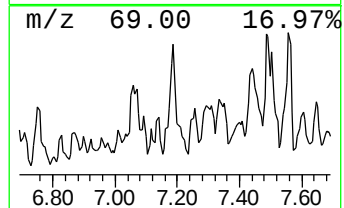
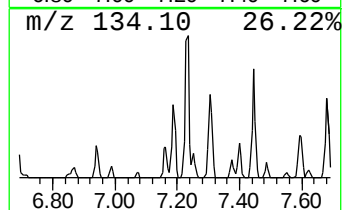
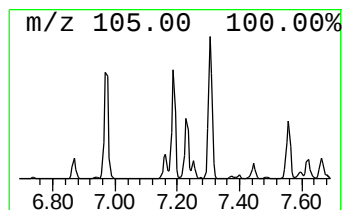
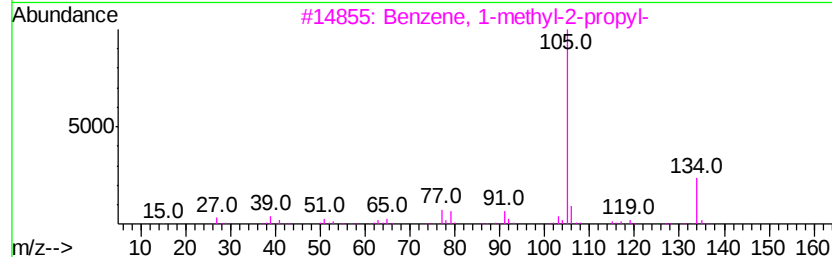
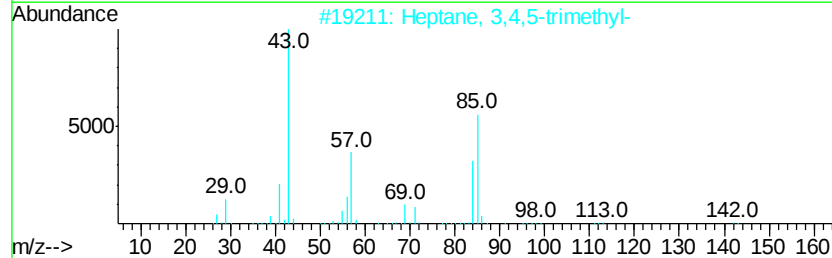
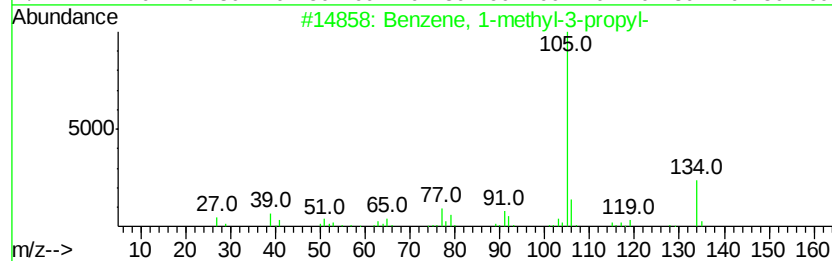
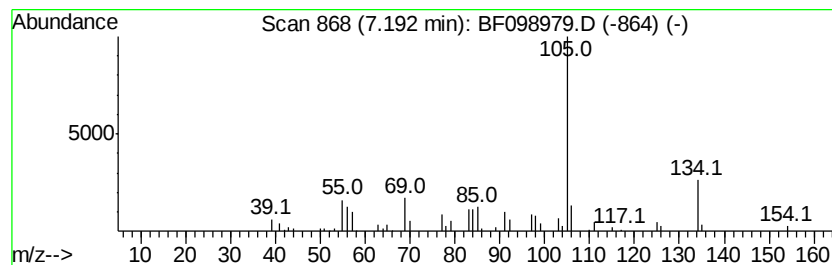
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	6.52 ng	302408	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
2		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	43
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
4		Heptane, 4-ethyl-	128	C9H20	002216-32-2	38
5		Decane, 5-methyl-	156	C11H24	013151-35-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098979.D
Acq On : 30 Sep 2017 22:53
Operator : SJ/JU
Sample : I5551-04 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-B

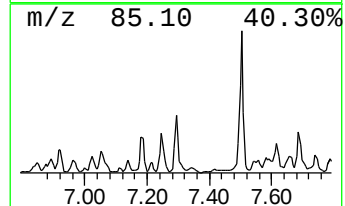
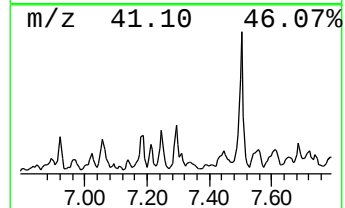
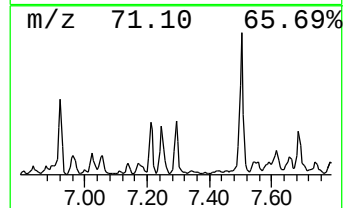
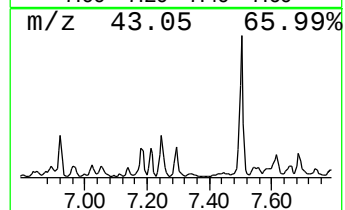
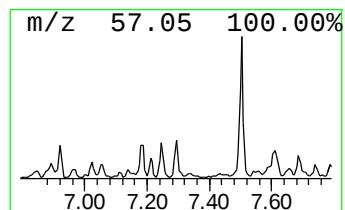
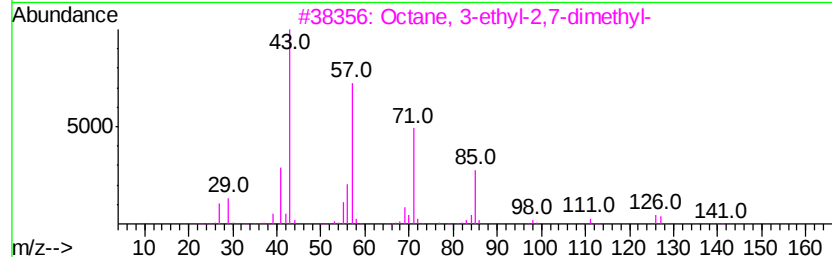
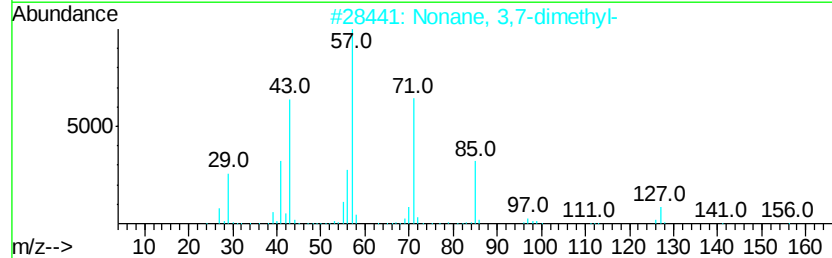
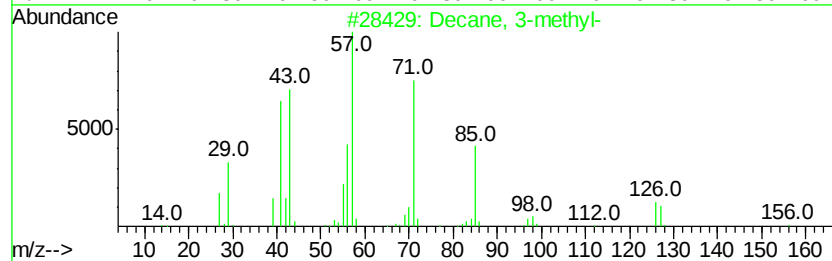
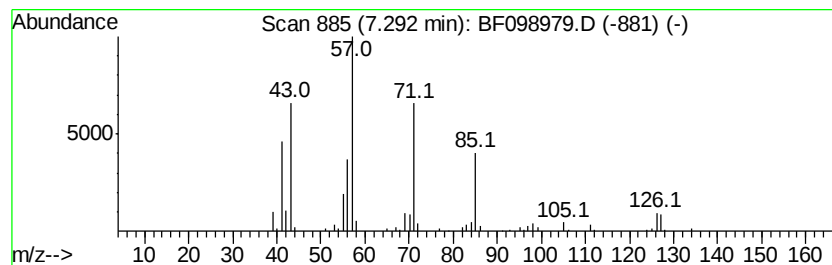
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	7.20 ng	334052	1,4-Dichlorobenzene-d4	6.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 3-methyl-	156	C11H24	013151-34-3	86
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
3		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	78
4		Hexadecane	226	C16H34	000544-76-3	72
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098979.D
Acq On : 30 Sep 2017 22:53
Operator : SJ/JU
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ClientSampleId :
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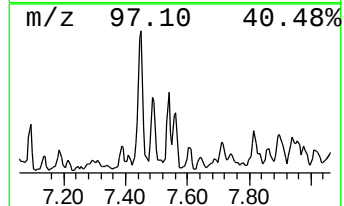
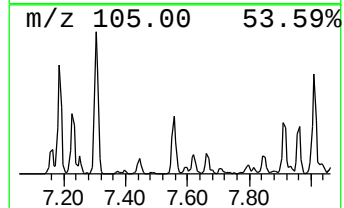
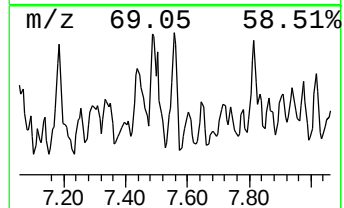
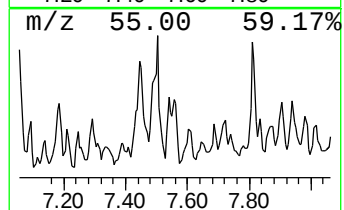
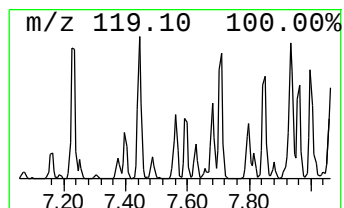
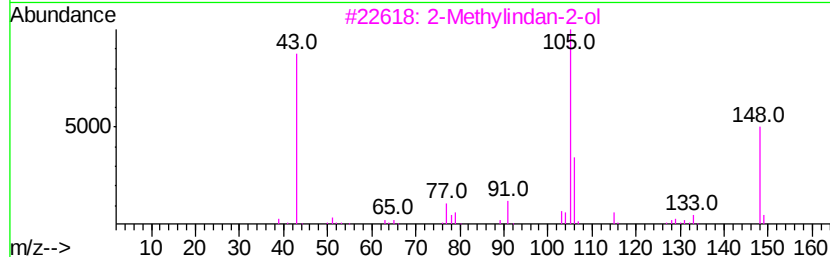
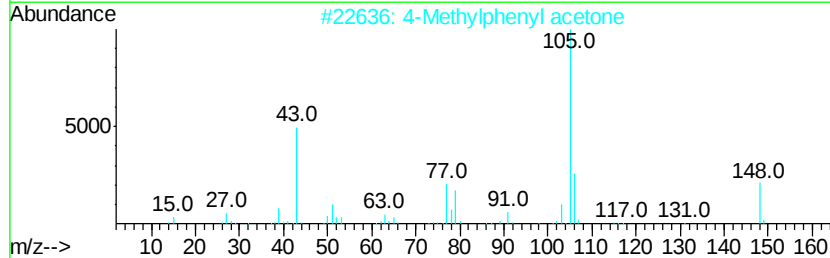
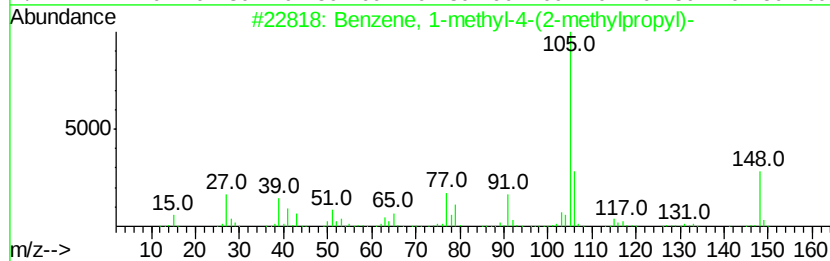
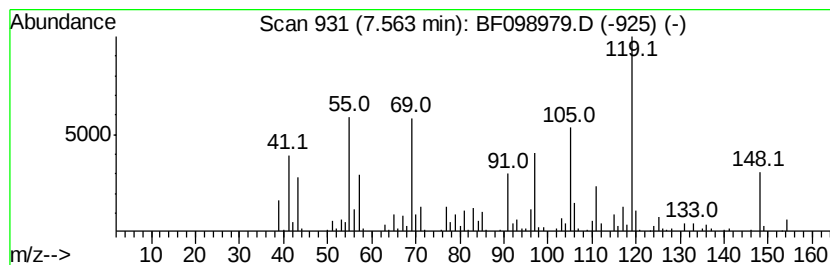
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.56 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	7.93 ng	392258	Naphthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	42
2		4-Methylphenyl acetone	148	C10H12O	002096-86-8	42
3		2-Methylindan-2-ol	148	C10H12O	033223-84-6	38
4		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	30
5		3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098979.D
Acq On : 30 Sep 2017 22:53
Operator : SJ/JU
Sample : I5551-04 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

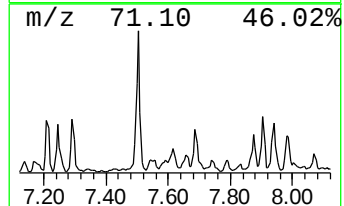
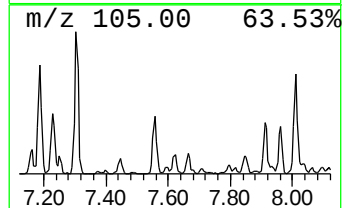
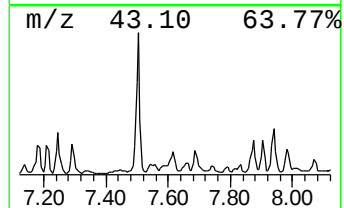
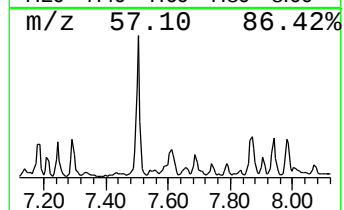
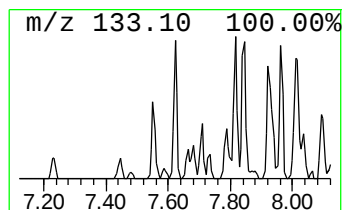
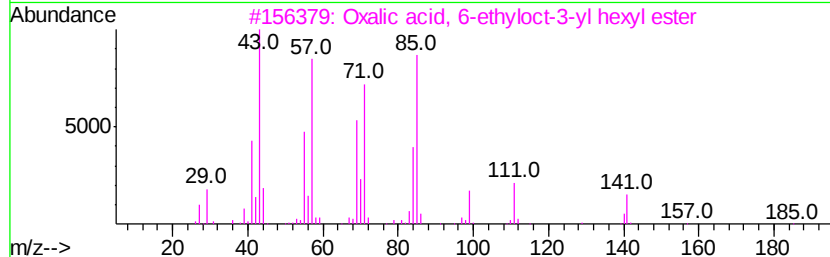
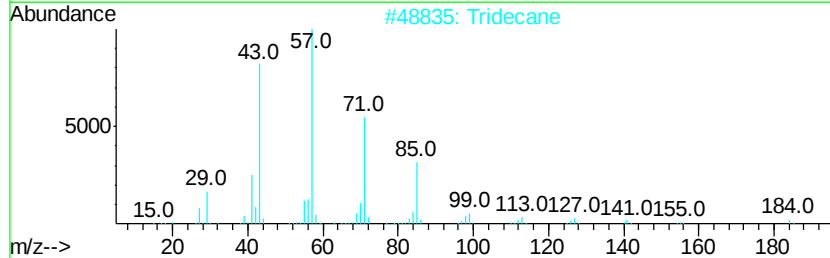
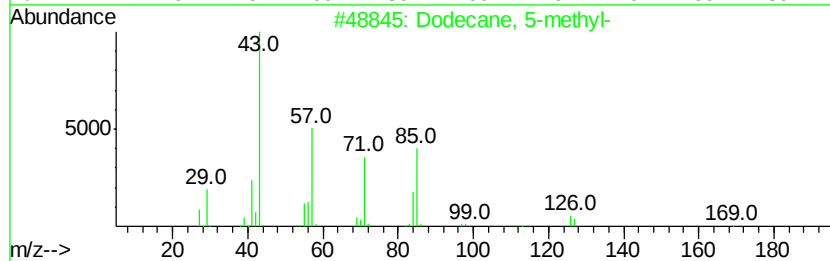
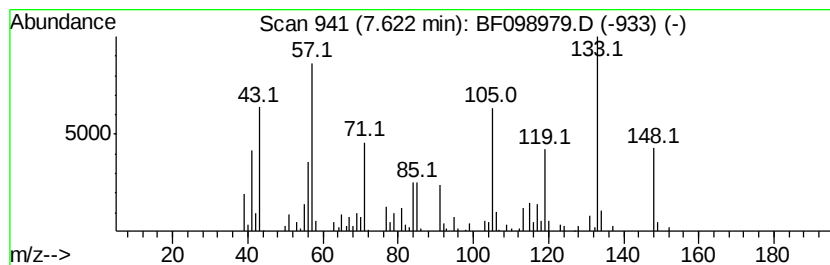
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ClientSampleId :
JC-03-092917-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.62	8.35 ng	412905	Napthalene-d8	8.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 5-methyl-	184	C13H28	017453-93-9	47
2	Tridecane	184	C13H28	000629-50-5	47
3	Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	47
4	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	47
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098979.D
Acq On : 30 Sep 2017 22:53
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Sample : I5551-04 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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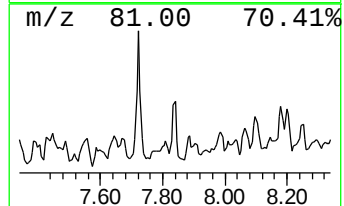
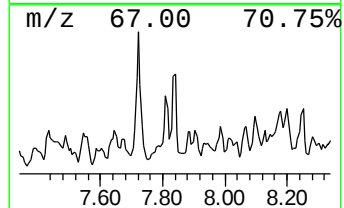
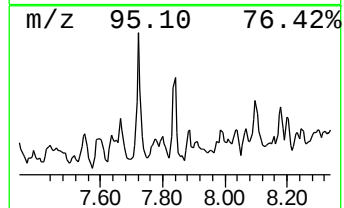
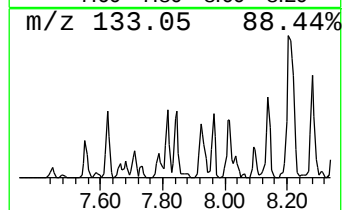
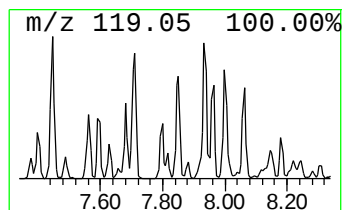
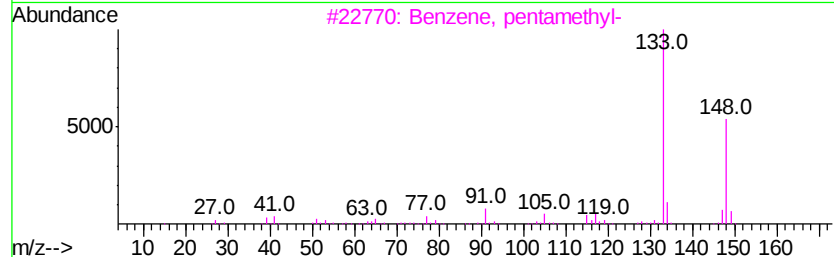
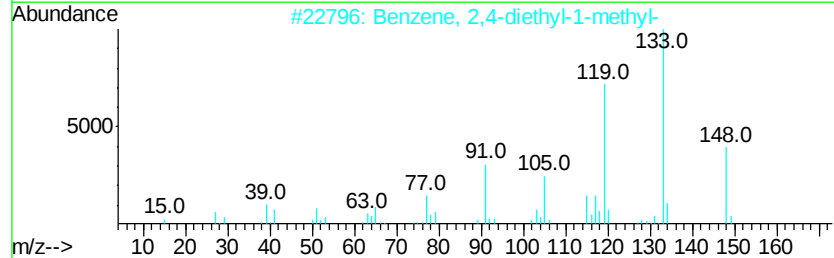
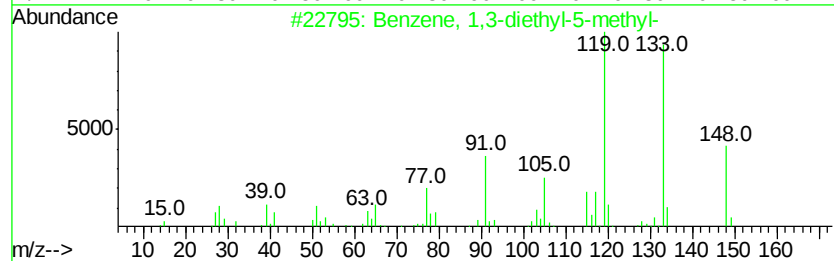
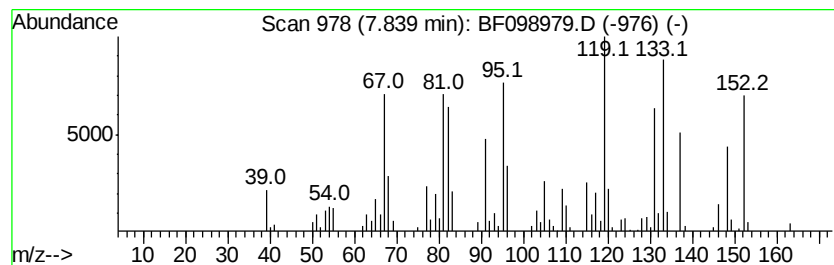
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	5.63 ng	278310	Napthalene-d8	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	95
2			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	42
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	35
4			Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	25
5			Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098979.D
Acq On : 30 Sep 2017 22:53
Operator : SJ/JU
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Instrument :
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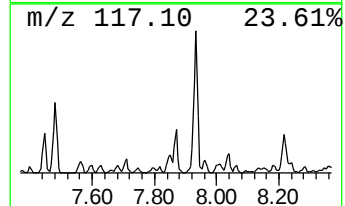
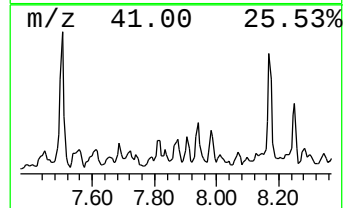
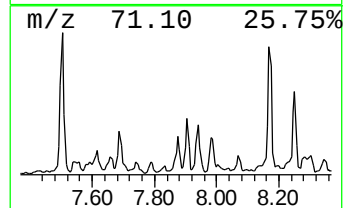
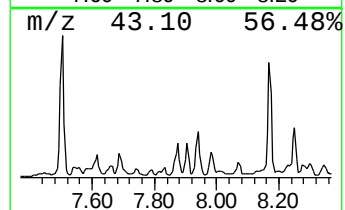
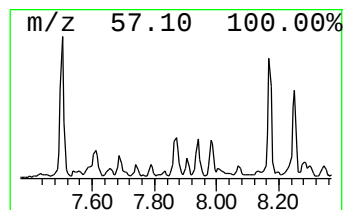
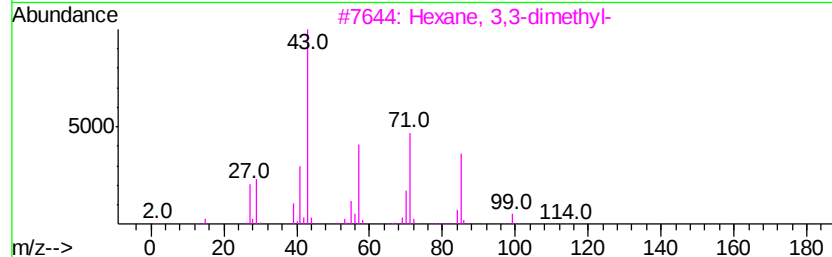
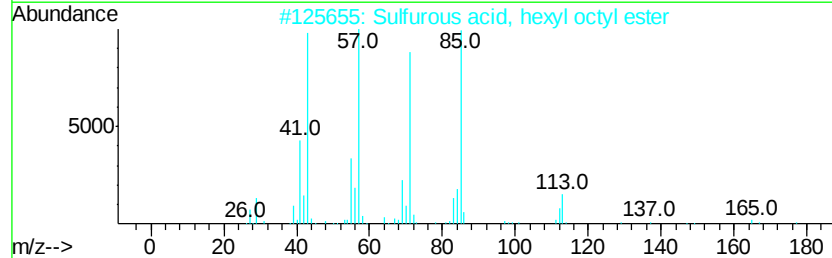
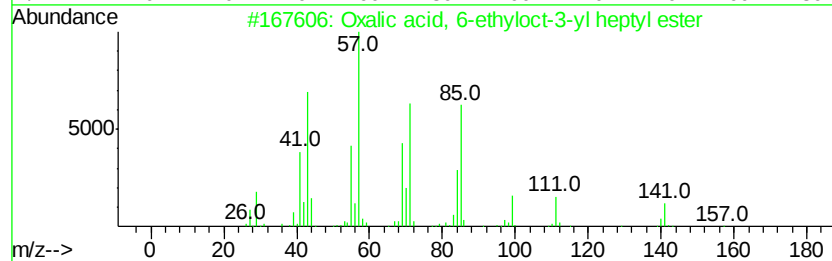
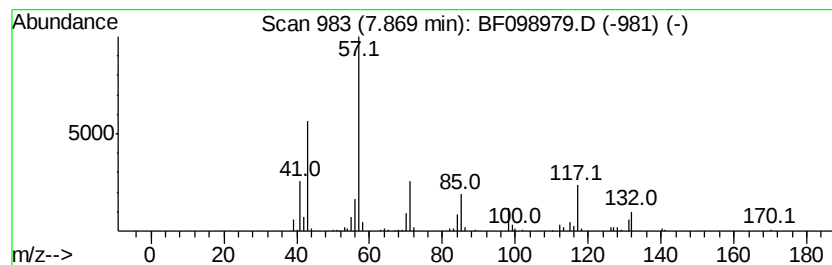
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Oxalic acid, 6-ethyloct-3-y... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	6.15 ng	304257	Naphthalene-d8	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	59
2			Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	53
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
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ALS Vial : 23 Sample Multiplier: 1

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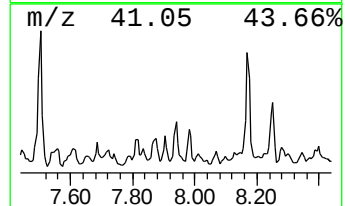
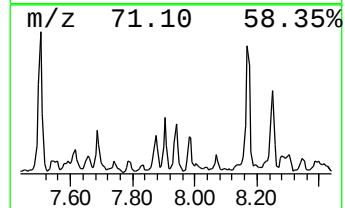
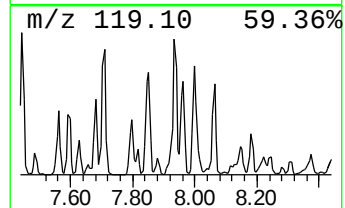
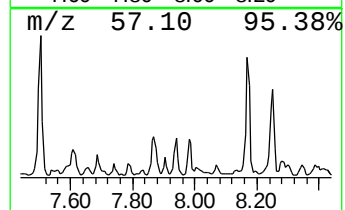
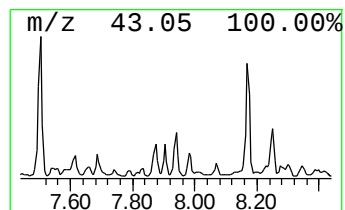
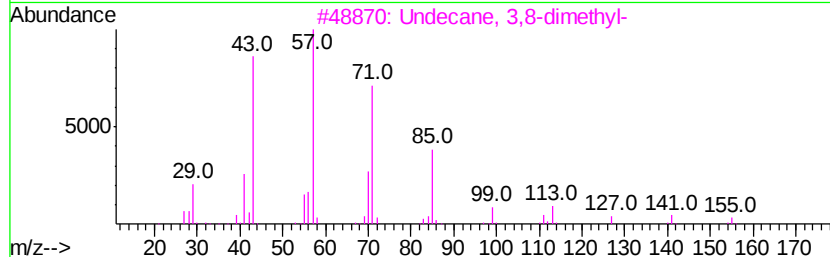
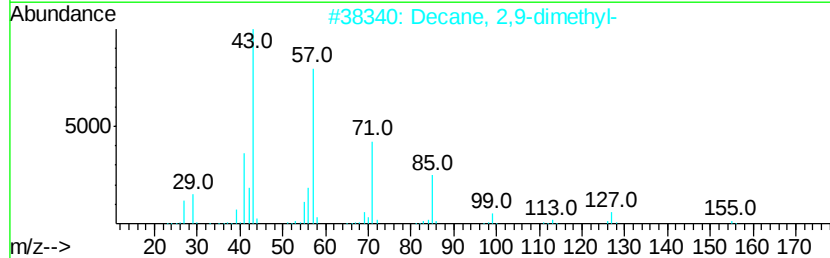
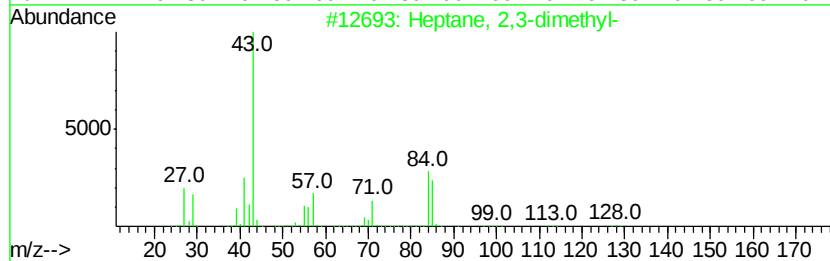
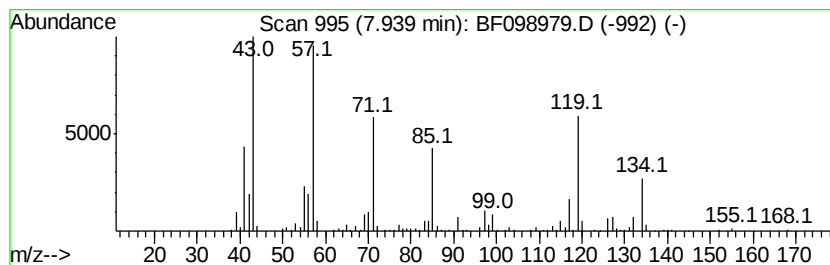
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown7.94 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	9.92 ng	490746	Napthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	38
2		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	38
3		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	38
4		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	35
5		Hexadecane	226	C16H34	000544-76-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
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ClientSampleId :
JC-03-092917-B

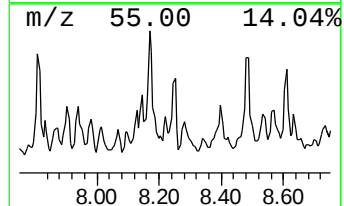
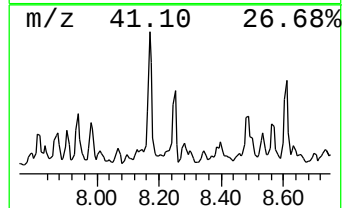
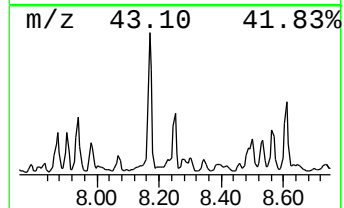
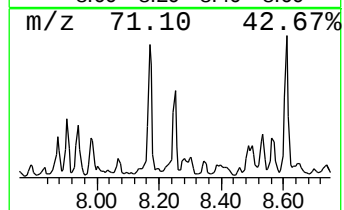
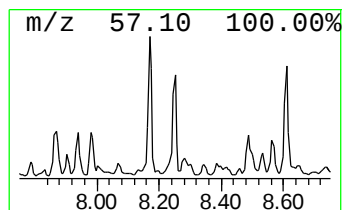
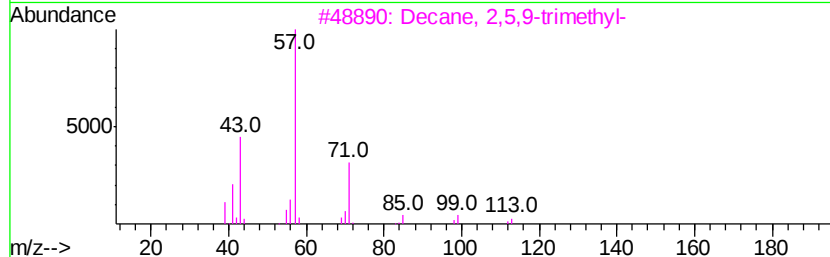
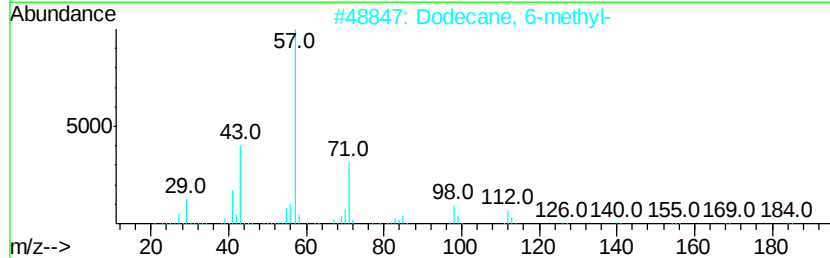
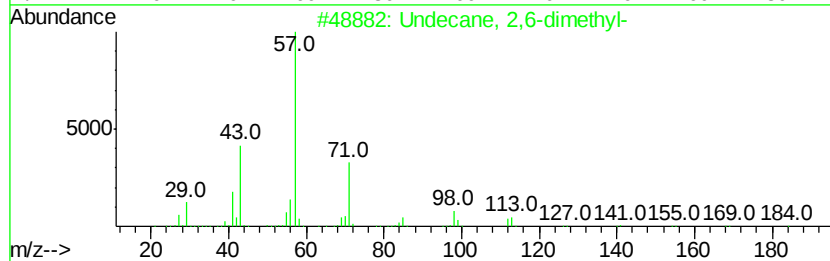
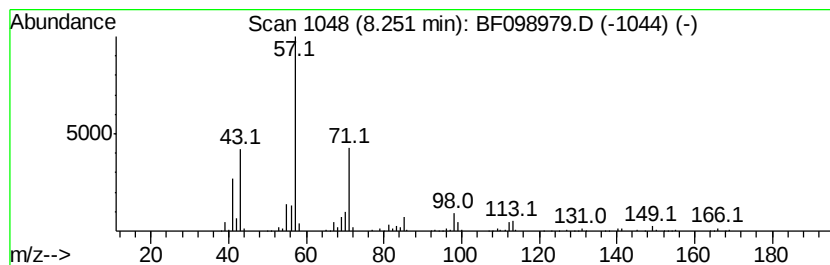
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	10.92 ng	539960	Napthalene-d8	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098979.D
Acq On : 30 Sep 2017 22:53
Operator : SJ/JU
Sample : I5551-04 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-092917-B

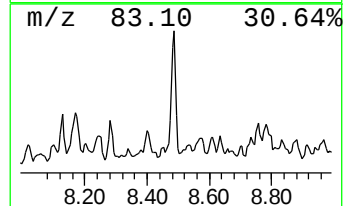
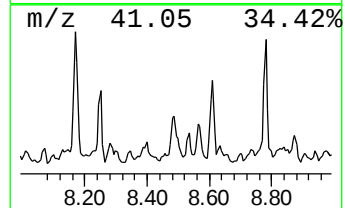
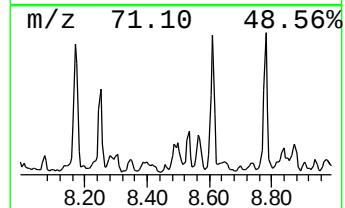
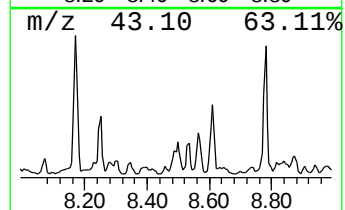
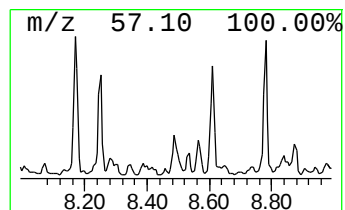
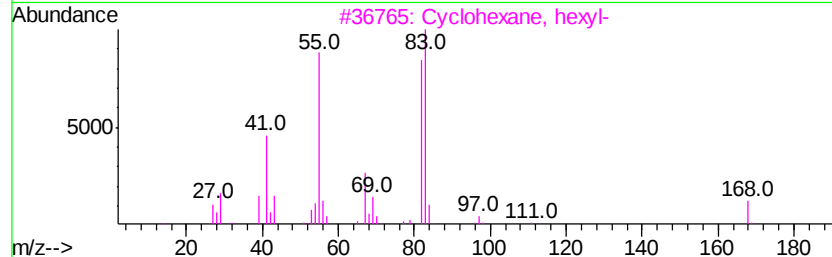
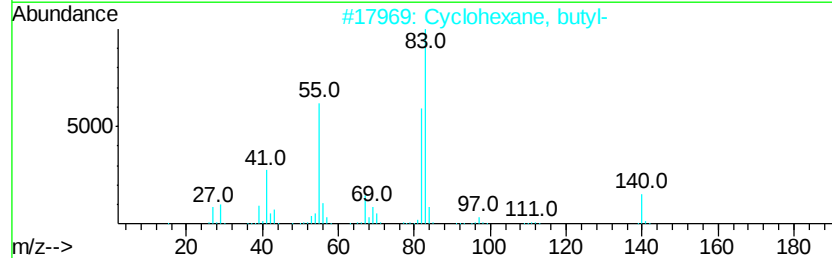
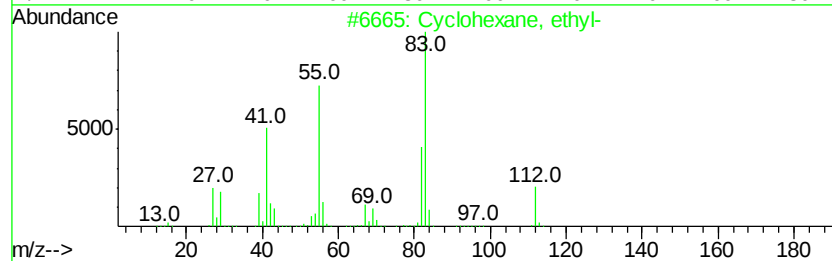
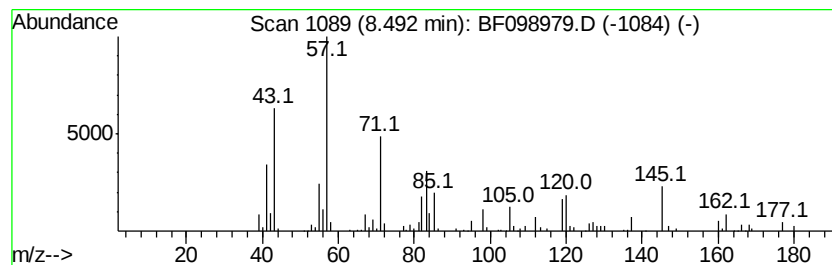
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown8.49 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	9.07 ng	448536	Napthalene-d8	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	30
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	22
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	22
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	22
5			1-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-66-6	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
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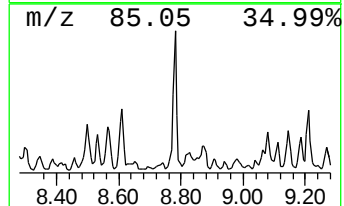
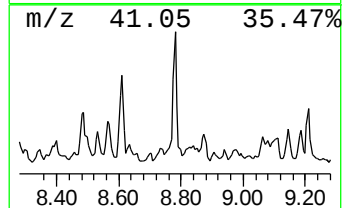
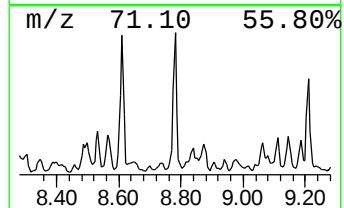
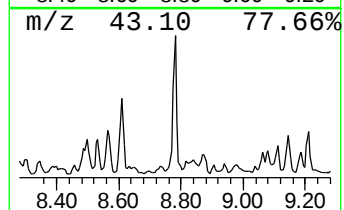
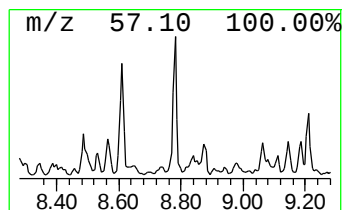
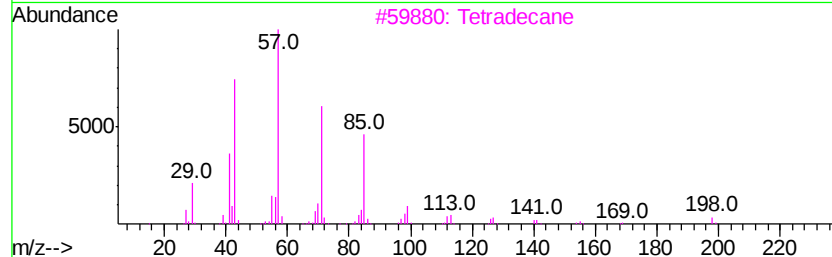
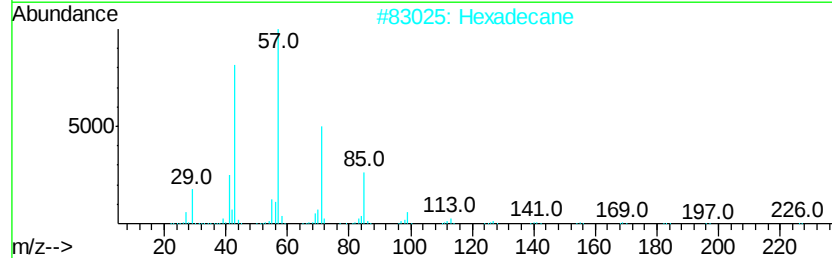
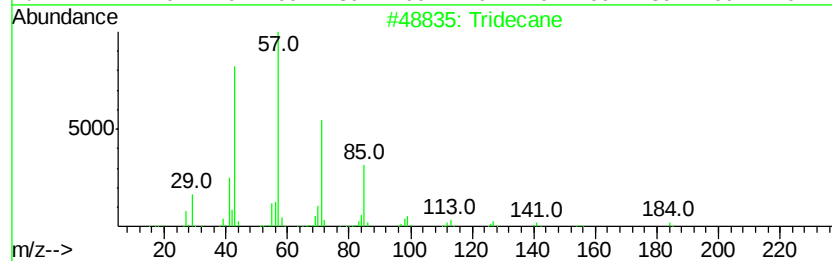
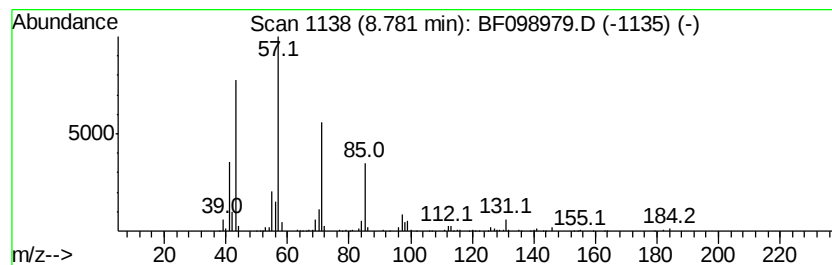
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	12.51 ng	618688	Napthalene-d8	8.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	90
2	Hexadecane	226 C16H34	000544-76-3	86
3	Tetradecane	198 C14H30	000629-59-4	86
4	Eicosane, 10-methyl-	296 C21H44	054833-23-7	78
5	Tritetracontane	605 C43H88	007098-21-7	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
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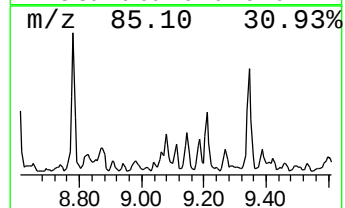
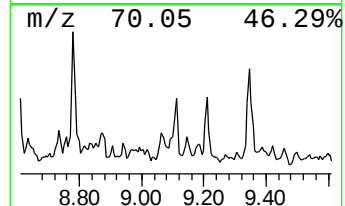
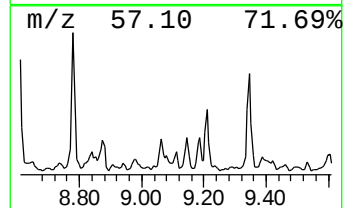
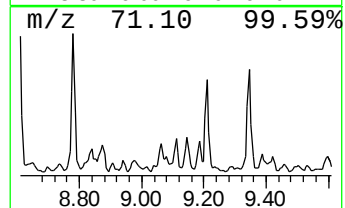
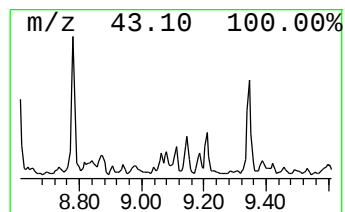
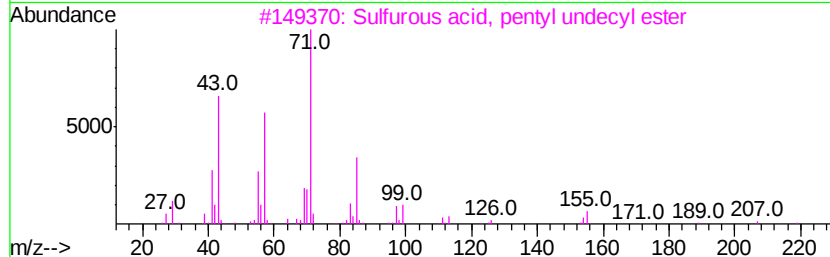
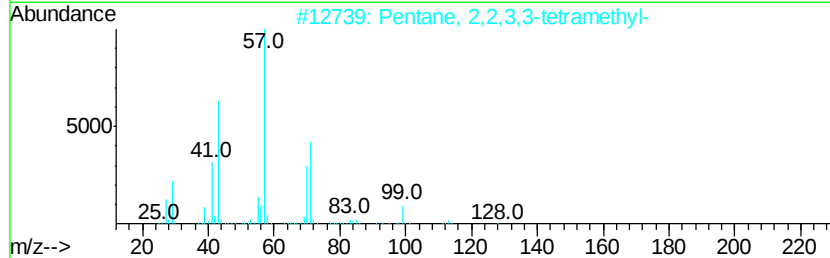
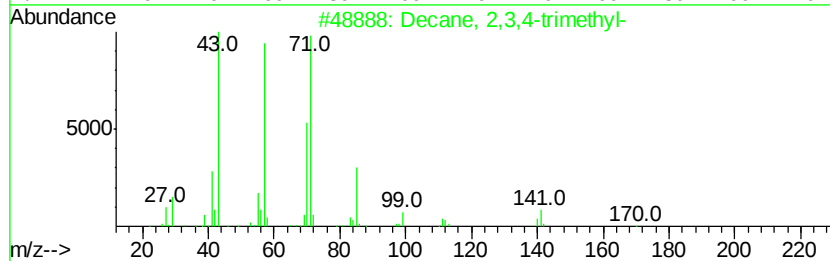
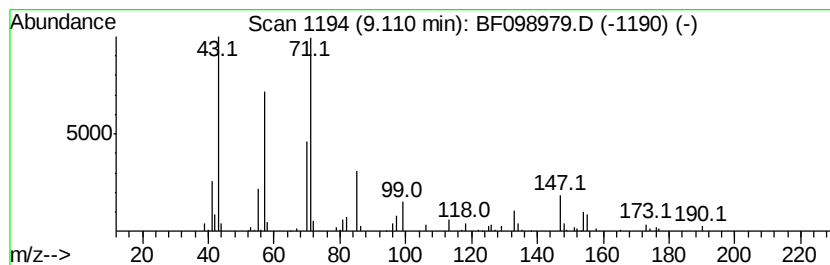
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Decane, 2,3,4-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.11	5.55 ng	216651	Acenaphthene-d10	9.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	59
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
3	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	50
4	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	50
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098979.D
Acq On : 30 Sep 2017 22:53
Operator : SJ/JU
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ALS Vial : 23 Sample Multiplier: 1

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JC-03-092917-B

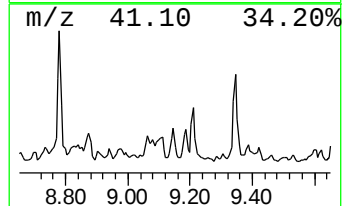
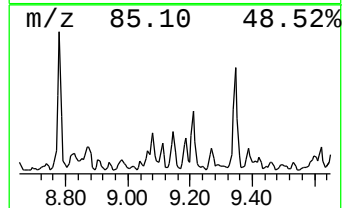
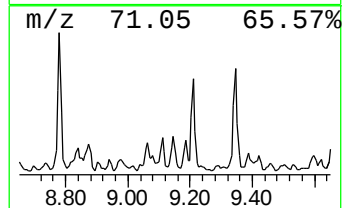
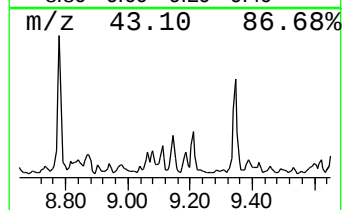
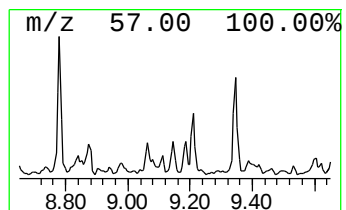
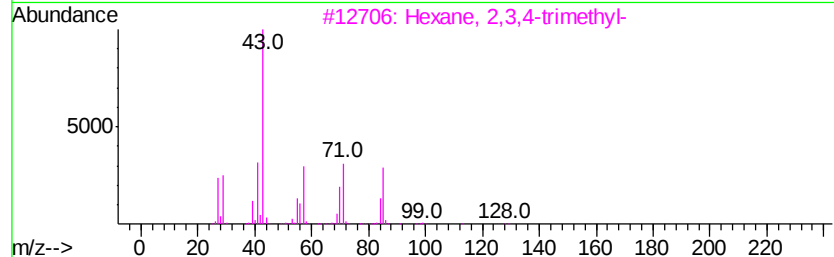
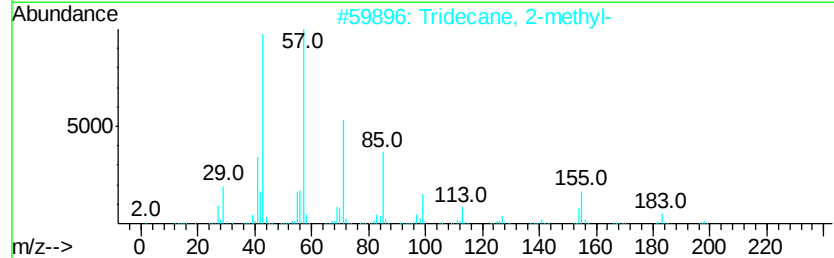
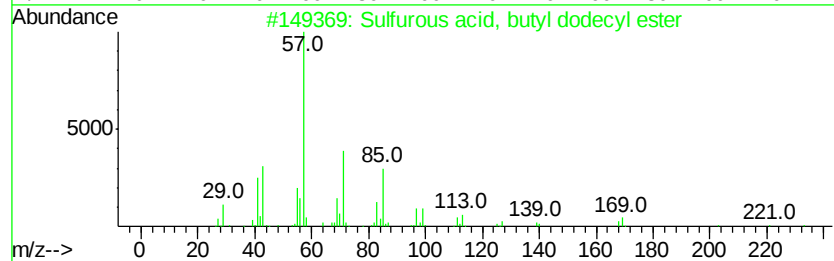
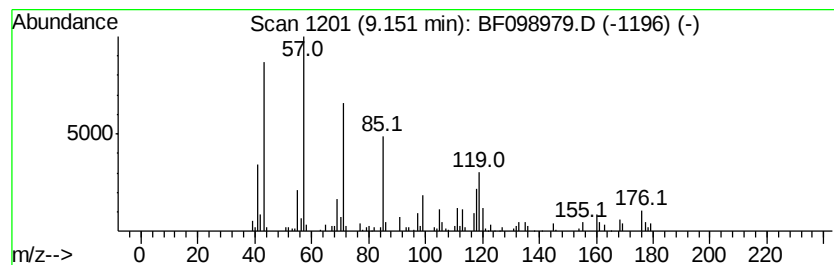
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Sulfurous acid, butyl dodec... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	7.35 ng	286937	Acenaphthene-d10	9.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	59
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	50
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	49
4			Dodecane, 5-methyl-	184	C13H28	017453-93-9	47
5			Hexadecane	226	C16H34	000544-76-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
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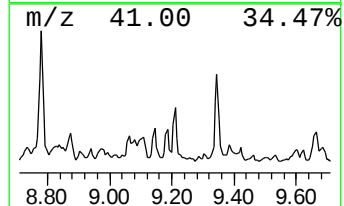
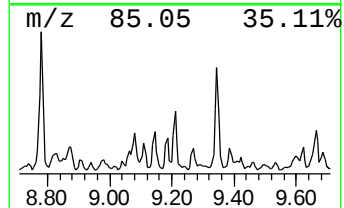
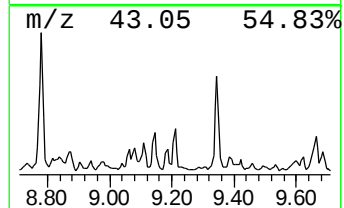
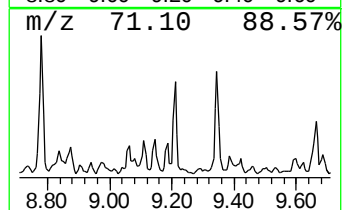
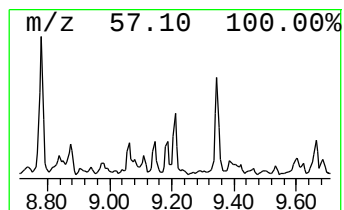
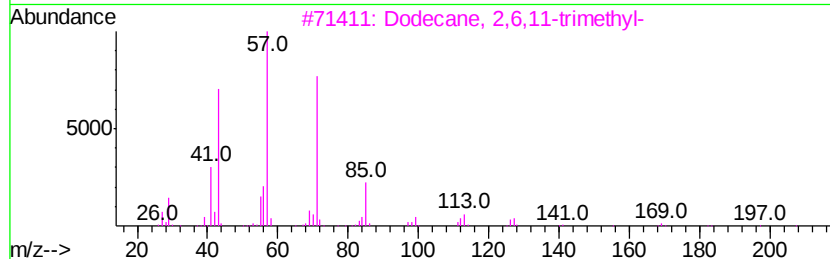
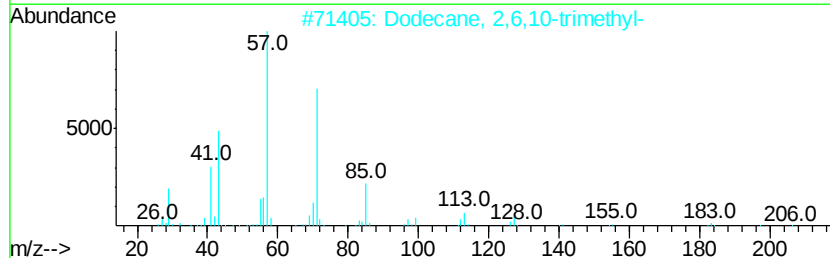
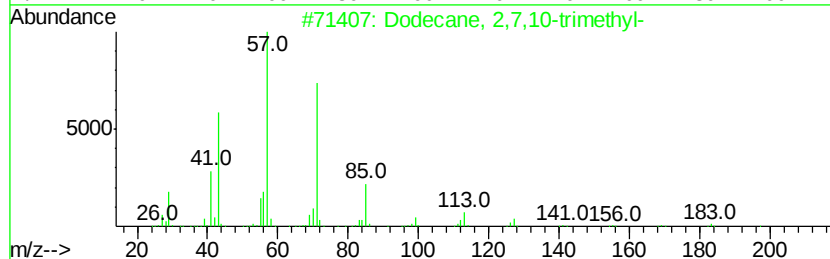
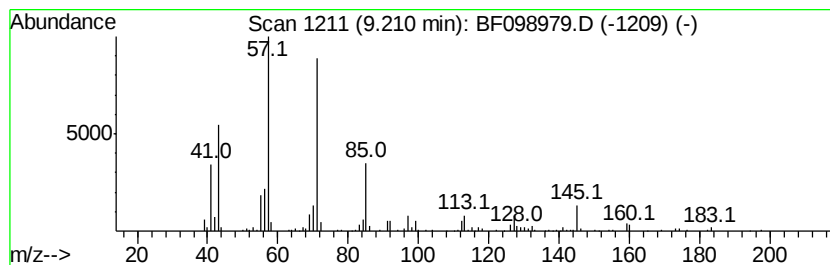
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2,7,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	7.73 ng	301725	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64



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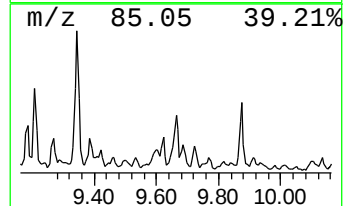
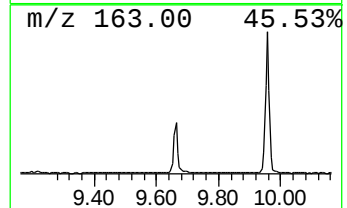
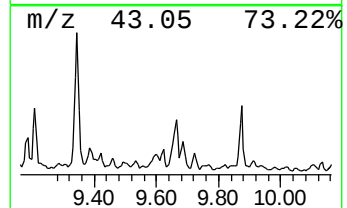
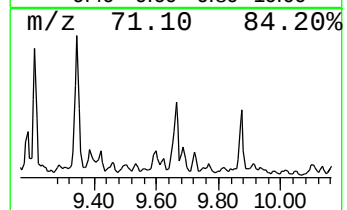
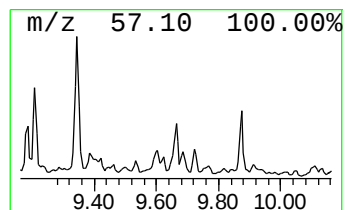
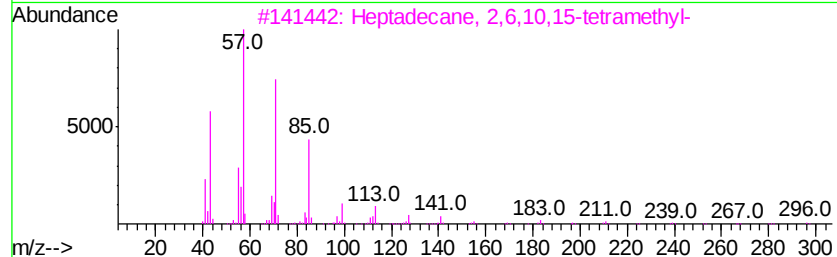
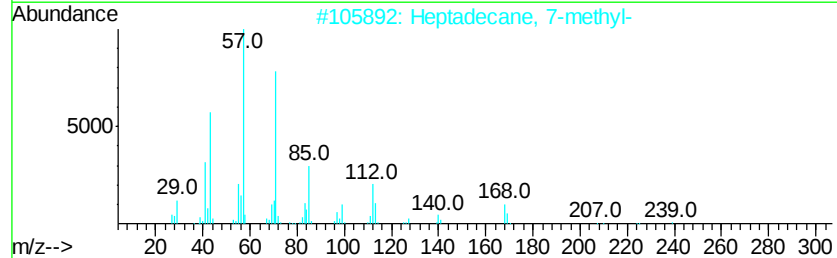
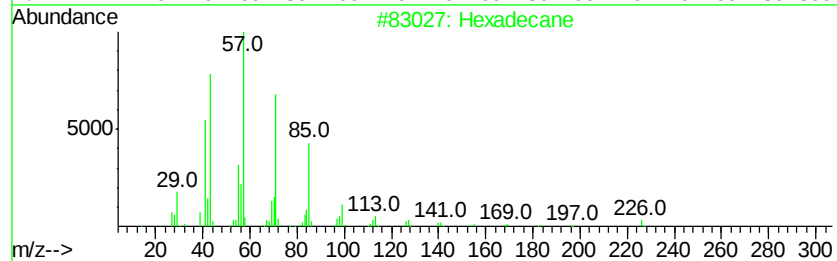
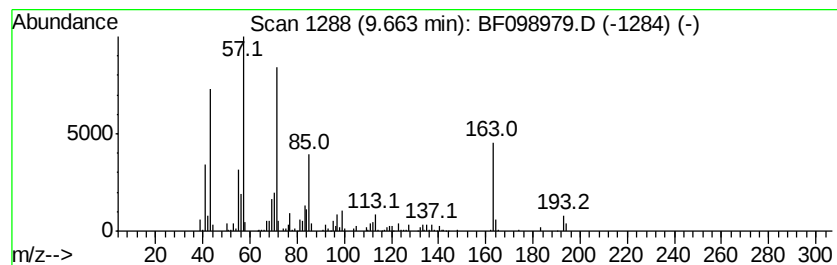
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	8.85 ng	345488	Acenaphthene-d10	9.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	72
2	Heptadecane, 7-methyl-	254 C18H38	020959-33-5	59
3	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	58
4	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	50
5	Decane, 3,7-dimethyl-	170 C12H26	017312-54-8	50



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Misc :
ALS Vial : 23 Sample Multiplier: 1

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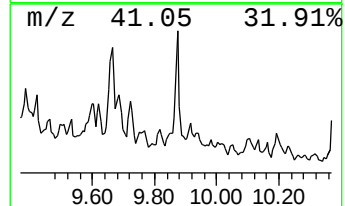
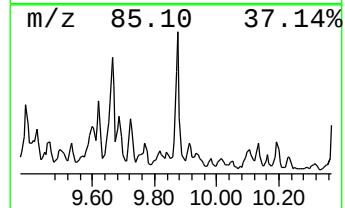
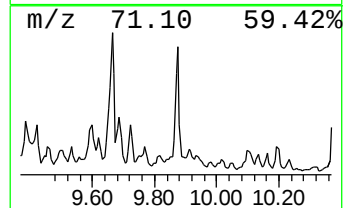
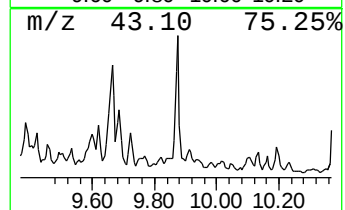
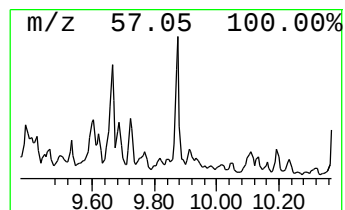
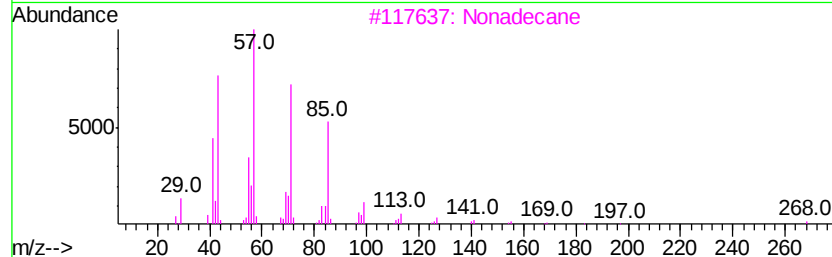
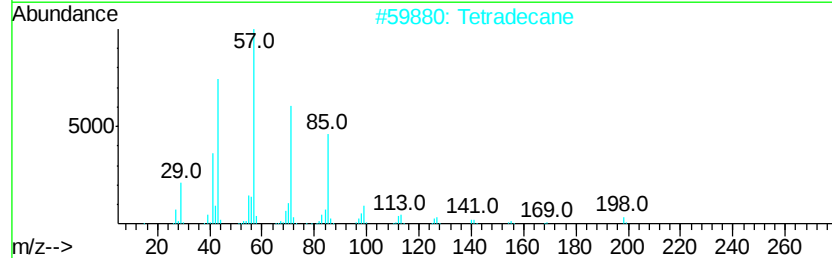
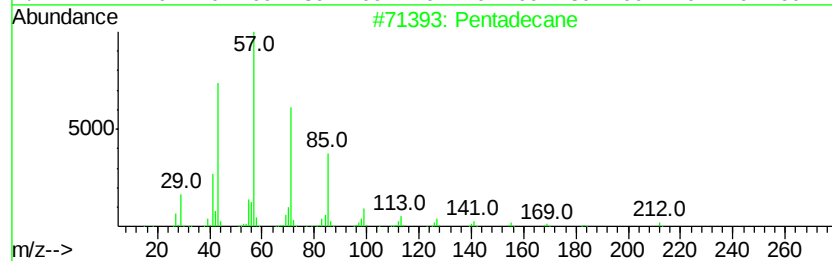
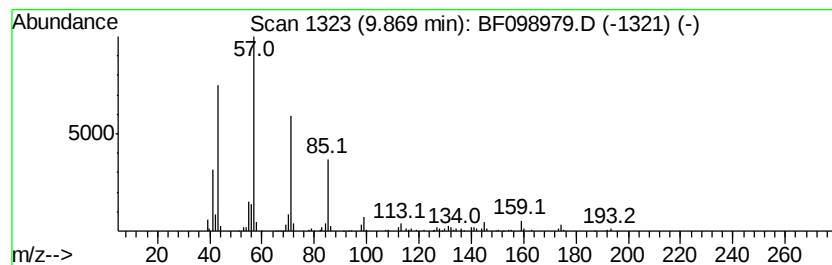
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	5.85 ng	228651	Acenaphthene-d10	9.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	97
2		Tetradecane	198	C14H30	000629-59-4	90
3		Nonadecane	268	C19H40	000629-92-5	80
4		Hexadecane	226	C16H34	000544-76-3	80
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093017\
 Data File : BF098979.D
 Acq On : 30 Sep 2017 22:53
 Operator : SJ/JU
 Sample : I5551-04 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-092917-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.68	6.68	6.8	ng	313292	1	6.92	927934	20.0
Decane	6.75	8.9	ng	413117	1	6.92	927934	20.0
Benzene, 1-methyl...	7.19	6.5	ng	302408	1	6.92	927934	20.0
Decane, 3-methyl-	7.29	7.2	ng	334052	1	6.92	927934	20.0
unknown7.56	7.56	7.9	ng	392258	2	8.20	989315	20.0
Dodecane, 5-methyl-	7.62	8.3	ng	412905	2	8.20	989315	20.0
Benzene, 1,3-diet...	7.84	5.6	ng	278310	2	8.20	989315	20.0
Oxalic acid, 6-et...	7.87	6.2	ng	304257	2	8.20	989315	20.0
unknown7.94	7.94	9.9	ng	490746	2	8.20	989315	20.0
Undecane, 2,6-dim...	8.25	10.9	ng	539960	2	8.20	989315	20.0
unknown8.49	8.49	9.1	ng	448536	2	8.20	989315	20.0
Tridecane	8.78	12.5	ng	618688	2	8.20	989315	20.0
Decane, 2,3,4-tri...	9.11	5.5	ng	216651	3	9.96	781152	20.0
Sulfurous acid, b...	9.15	7.3	ng	286937	3	9.96	781152	20.0
Dodecane, 2,7,10-...	9.21	7.7	ng	301725	3	9.96	781152	20.0
Hexadecane	9.66	8.8	ng	345488	3	9.96	781152	20.0
Pentadecane	9.87	5.8	ng	228651	3	9.96	781152	20.0