

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
 Data File : BF093890.D
 Acq On : 23 Mar 2017 20:26
 Operator : SJ/MA
 Sample : I2371-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0669

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-BF032217.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.598	285	291	295	rBV	276064	291038	5.18%	0.251%
2	4.110	375	378	381	rVB	273577	267604	4.76%	0.231%
3	4.387	419	425	428	rBV	4294252	4397354	78.19%	3.796%
4	4.498	436	444	448	rBV2	4094801	4379938	77.88%	3.781%
5	4.934	514	518	523	rVB	373514	399550	7.10%	0.345%
6	5.069	536	541	544	rVV	464553	517275	9.20%	0.447%
7	5.122	544	550	552	rVV4	147689	360272	6.41%	0.311%
8	5.381	589	594	597	rVB2	350279	354827	6.31%	0.306%
9	5.451	603	606	609	rVB	780846	666542	11.85%	0.575%
10	5.534	616	620	622	rBV	618746	669381	11.90%	0.578%
11	5.563	622	625	630	rVB	1406309	1658870	29.50%	1.432%
12	5.628	633	636	644	rVB2	562171	732144	13.02%	0.632%
13	5.716	644	651	655	rBV	3318654	3855710	68.56%	3.328%
14	5.781	658	662	666	rBV	859021	828748	14.74%	0.715%
15	5.922	682	686	690	rVB2	316322	451331	8.03%	0.390%
16	5.975	690	695	699	rBV	1114450	1331200	23.67%	1.149%
17	6.157	718	726	728	rBV	3319761	3701348	65.82%	3.195%
18	6.186	728	731	733	rVV	797804	822756	14.63%	0.710%
19	6.204	733	734	740	rVB2	631812	585726	10.42%	0.506%
20	6.351	755	759	765	rBV3	356396	725136	12.89%	0.626%
21	6.504	779	785	787	rBV4	239716	514562	9.15%	0.444%
22	6.575	790	797	800	rBV	1362791	1794554	31.91%	1.549%
23	6.628	800	806	808	rBV	2214374	3017202	53.65%	2.605%
24	6.869	841	847	849	rBV	1135033	2084044	37.06%	1.799%
25	6.922	852	856	860	rVB5	918535	1717851	30.55%	1.483%
26	6.998	860	869	871	rBV6	1145789	2474409	44.00%	2.136%
27	7.051	875	878	879	rBV	384574	357863	6.36%	0.309%
28	7.092	879	885	888	rBV4	1062459	1591114	28.29%	1.374%
29	7.157	891	896	897	rBV	1056812	1337786	23.79%	1.155%
30	7.222	905	907	910	rVB2	1041210	891780	15.86%	0.770%
31	7.263	910	914	916	rBV3	566864	702852	12.50%	0.607%
32	7.298	916	920	923	rVV4	465074	625041	11.11%	0.540%
33	7.328	923	925	928	rVB3	566708	530007	9.42%	0.458%
34	7.392	933	936	939	rBV2	304798	312026	5.55%	0.269%

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35	7.428	939	942	946	rBV3	380340	549900	9.78%	0.475%
36	7.486	947	952	953	rBV	1076646	1238212	22.02%	1.069%
37	7.510	953	956	959	rVV	2702783	2697990	47.97%	2.329%
38	7.551	959	963	967	rVB5	735030	1320033	23.47%	1.140%
39	7.616	969	974	979	rBV3	490020	825152	14.67%	0.712%
40	7.745	987	996	1000	rBV4	911470	2165016	38.50%	1.869%
41	7.786	1000	1003	1005	rBV	724550	768310	13.66%	0.663%
42	7.928	1019	1027	1035	rVB7	1406464	3481823	61.91%	3.006%
43	8.051	1036	1048	1050	rBV6	1076731	3324025	59.11%	2.869%
44	8.180	1068	1070	1072	rVB3	595994	428142	7.61%	0.370%
45	8.228	1075	1078	1080	rVB2	779749	877419	15.60%	0.757%
46	8.263	1080	1084	1087	rVB3	1343665	1856721	33.02%	1.603%
47	8.292	1087	1089	1092	rVB	854927	684499	12.17%	0.591%
48	8.351	1092	1099	1101	rBV4	1563253	2604230	46.31%	2.248%
49	8.386	1101	1105	1108	rBV4	843577	1384286	24.61%	1.195%
50	8.439	1109	1114	1116	rBV2	1838064	2125425	37.79%	1.835%
51	8.463	1116	1118	1122	rVB4	331427	404186	7.19%	0.349%
52	8.498	1122	1124	1128	rVB2	1180545	1285532	22.86%	1.110%
53	8.551	1128	1133	1135	rBV	631845	917106	16.31%	0.792%
54	8.598	1139	1141	1145	rVB2	445634	452903	8.05%	0.391%
55	8.651	1145	1150	1152	rBV2	1026200	1345185	23.92%	1.161%
56	8.698	1152	1158	1162	rVB4	543614	1260454	22.41%	1.088%
57	8.739	1162	1165	1167	rBV3	242009	285857	5.08%	0.247%
58	8.769	1167	1170	1172	rBV	571329	612447	10.89%	0.529%
59	8.810	1172	1177	1180	rVB	4321166	5623795	100.00%	4.855%
60	8.839	1180	1182	1184	rVB	453882	329621	5.86%	0.285%
61	8.875	1186	1188	1192	rVB2	655173	786100	13.98%	0.679%
62	8.922	1192	1196	1199	rBV2	582001	928360	16.51%	0.801%
63	8.951	1199	1201	1205	rBV4	230311	315339	5.61%	0.272%
64	9.051	1215	1218	1224	rBV4	608683	1401353	24.92%	1.210%
65	9.122	1228	1230	1233	rVB2	381612	371926	6.61%	0.321%
66	9.227	1245	1248	1249	rVV3	389818	377047	6.70%	0.325%
67	9.245	1249	1251	1253	rVB	355860	297578	5.29%	0.257%
68	9.345	1264	1268	1271	rBV5	268164	424738	7.55%	0.367%
69	9.386	1272	1275	1279	rVV2	372616	634308	11.28%	0.548%
70	9.433	1281	1283	1285	rVV2	772793	861307	15.32%	0.744%
71	9.457	1285	1287	1291	rVV2	825931	798689	14.20%	0.689%

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72	9.498	1291	1294	1301	rVB3	619282	865685	15.39%	0.747%
73	9.633	1312	1317	1324	rVB4	1649856	2879107	51.20%	2.485%
74	9.739	1332	1335	1339	rBV5	253610	374314	6.66%	0.323%
75	9.792	1341	1344	1349	rVB5	313364	451433	8.03%	0.390%
76	9.839	1349	1352	1353	rBV	382703	374029	6.65%	0.323%
77	9.904	1359	1363	1367	rVB5	468823	670020	11.91%	0.578%
78	9.980	1371	1376	1379	rBV	455961	633897	11.27%	0.547%
79	10.051	1385	1388	1390	rBV2	344643	486627	8.65%	0.420%
80	10.086	1390	1394	1397	rVB3	991130	1441522	25.63%	1.244%
81	10.127	1397	1401	1403	rBV4	654292	1012584	18.01%	0.874%
82	10.163	1403	1407	1410	rVB3	1003154	1536182	27.32%	1.326%
83	10.239	1418	1420	1422	rVB2	598270	500206	8.89%	0.432%
84	10.333	1433	1436	1439	rBV4	190494	247052	4.39%	0.213%
85	10.380	1439	1444	1445	rBV3	259094	421024	7.49%	0.363%
86	10.551	1468	1473	1477	rBV4	492729	931705	16.57%	0.804%
87	10.610	1478	1483	1489	rVB	1962988	2484408	44.18%	2.145%
88	10.769	1506	1510	1512	rBV4	195965	326113	5.80%	0.282%
89	10.792	1512	1514	1520	rVB2	354249	461296	8.20%	0.398%
90	10.851	1521	1524	1530	rBV3	371633	603551	10.73%	0.521%
91	10.910	1532	1534	1541	rVB7	281661	455645	8.10%	0.393%
92	11.039	1553	1556	1559	rVB	476862	447348	7.95%	0.386%
93	11.316	1599	1603	1607	rVB	711701	809311	14.39%	0.699%
94	11.357	1608	1610	1614	rVV3	194423	280751	4.99%	0.242%
95	11.398	1615	1617	1620	rVV2	272148	304049	5.41%	0.262%
96	11.457	1624	1627	1631	rVB	1163596	1152875	20.50%	0.995%
97	13.157	1913	1916	1919	rBV	231585	238378	4.24%	0.206%
98	13.433	1958	1963	1967	rVB2	2639690	2874867	51.12%	2.482%
99	14.704	2175	2179	2183	rVB	767076	760090	13.52%	0.656%
100	16.345	2453	2458	2467	rVB	687240	823297	14.64%	0.711%

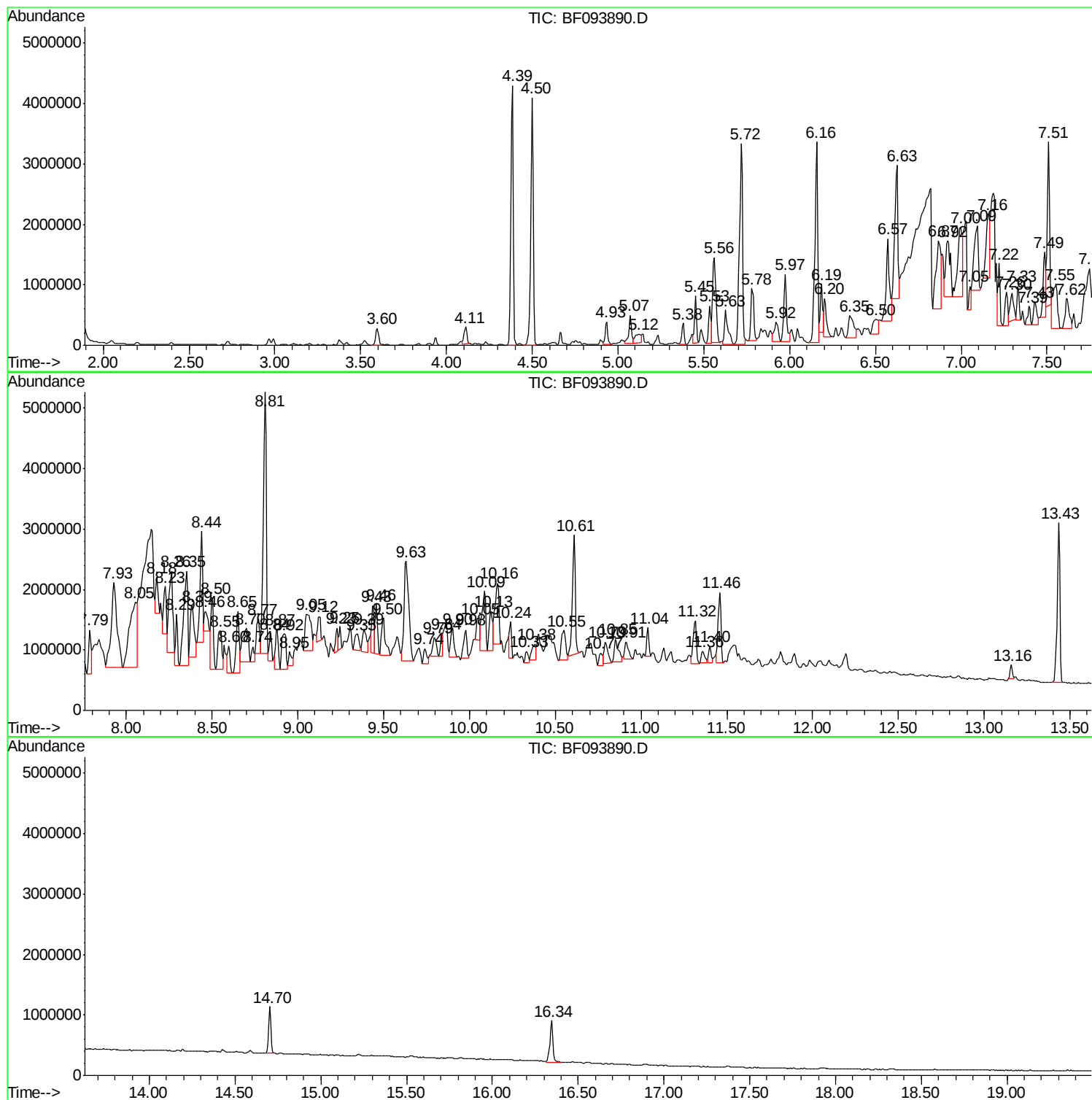
Sum of corrected areas: 115840221

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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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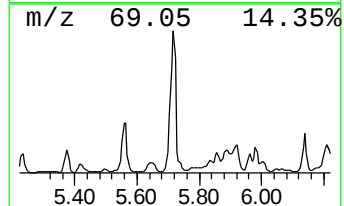
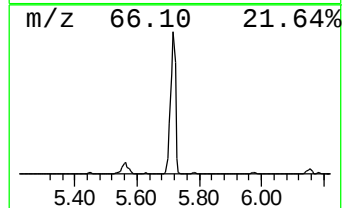
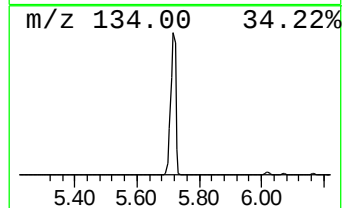
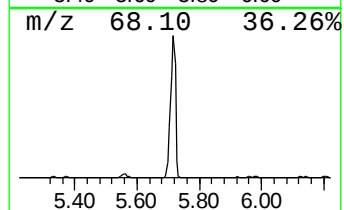
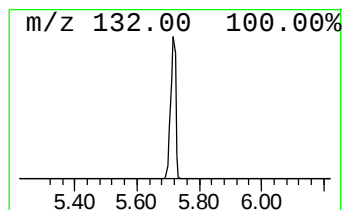
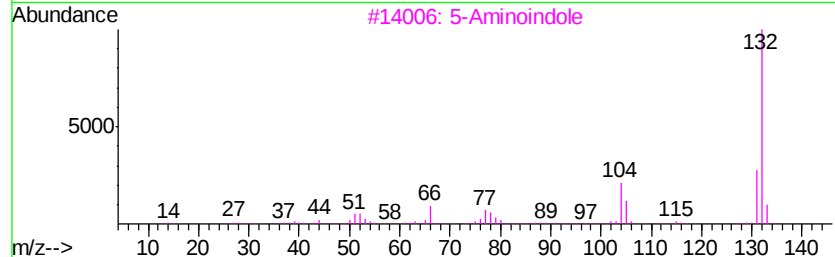
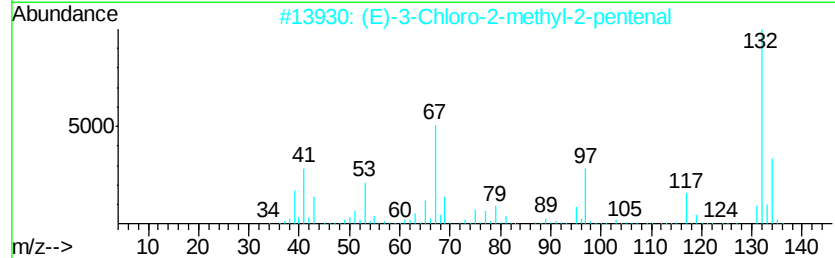
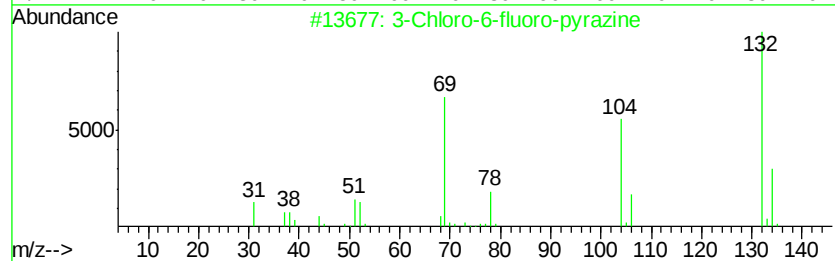
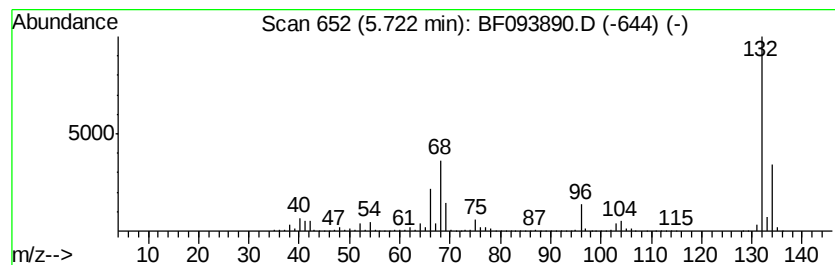
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown5.72 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	57.93 ng	3855710	1,4-Dichlorobenzene-d4	5.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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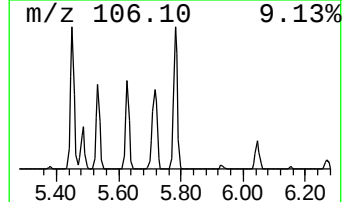
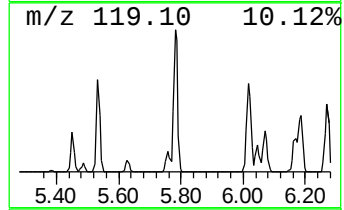
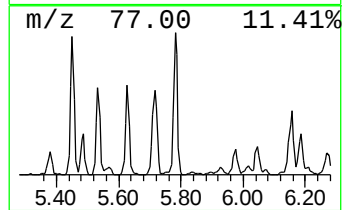
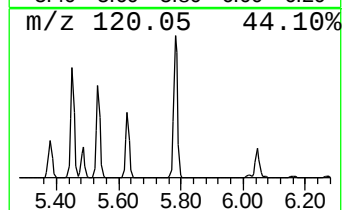
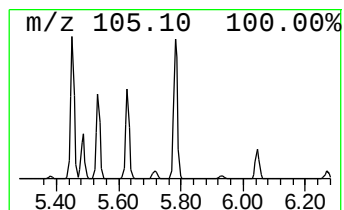
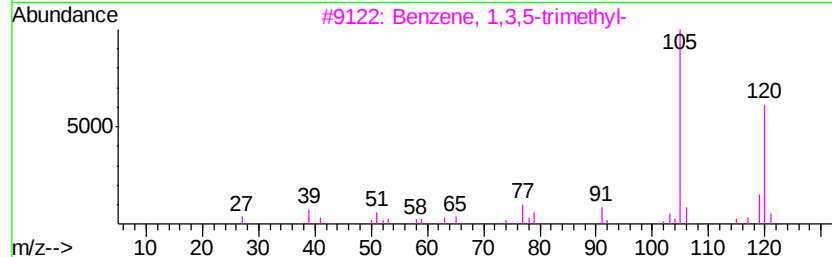
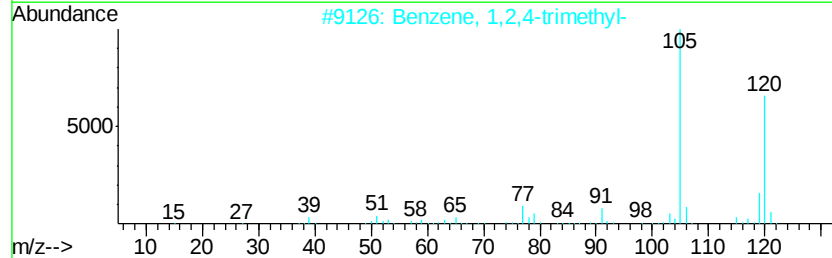
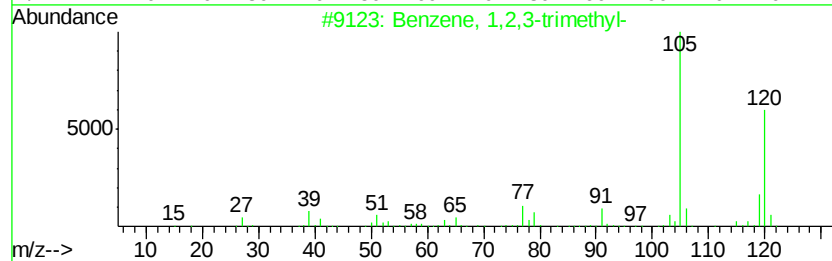
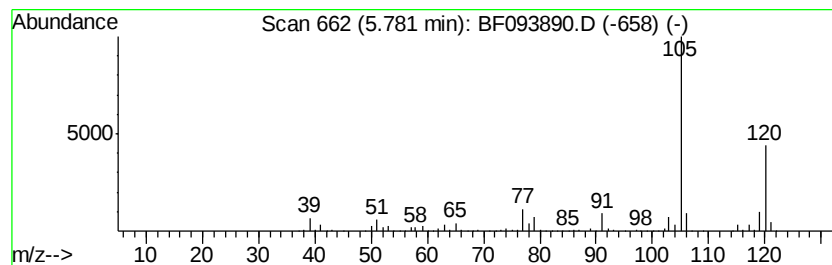
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	12.45 ng	828748	1,4-Dichlorobenzene-d4	5.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



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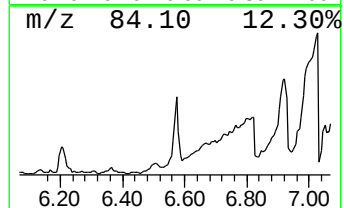
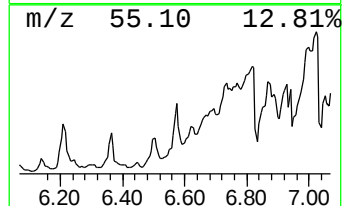
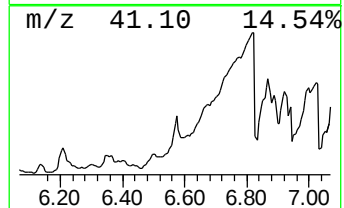
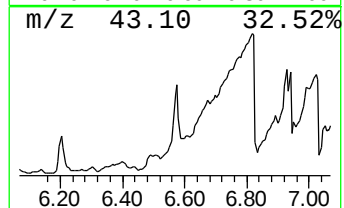
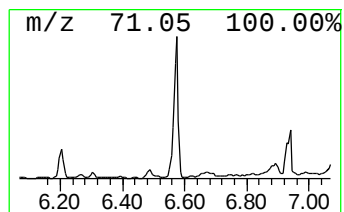
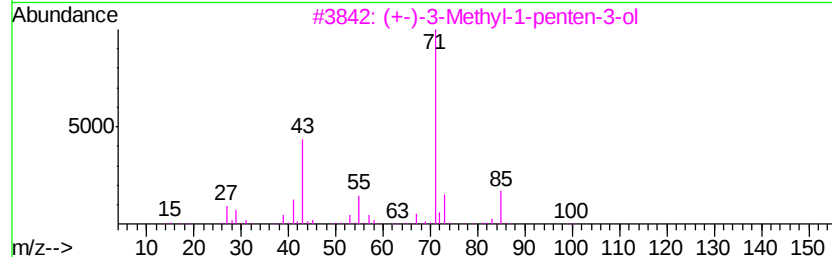
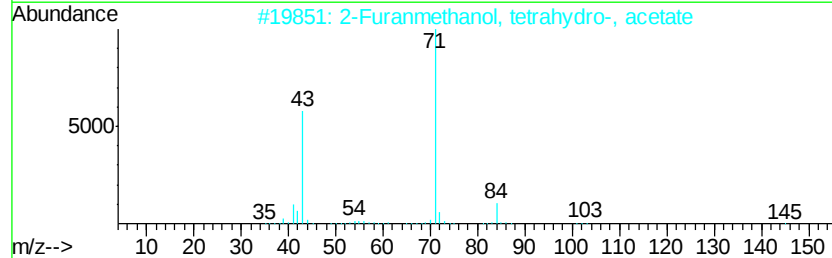
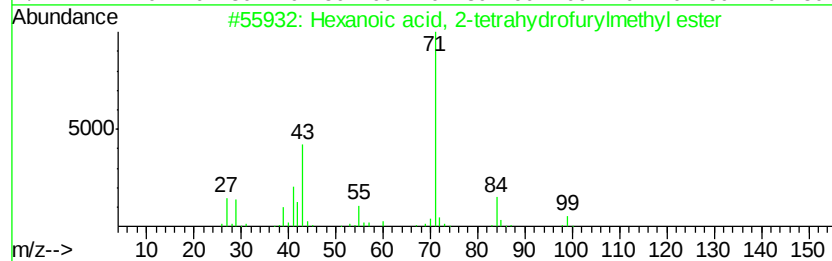
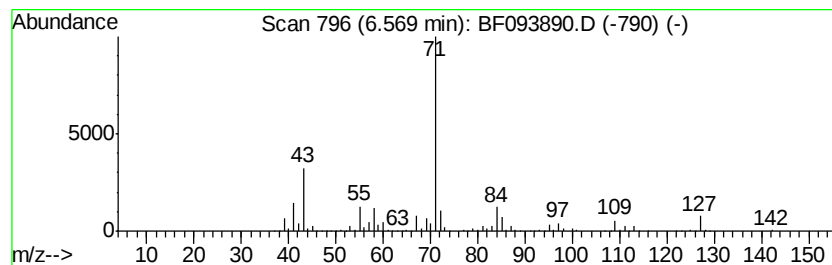
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanoic acid, 2-tetrahydro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	26.96 ng	1794550	1,4-Dichlorobenzene-d4	5.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-tetrahydrofuryl...	200	C11H20O3	002217-34-7	64
2		2-Furanmethanol, tetrahydro-, ac...	144	C7H12O3	000637-64-9	59
3		(+)-3-Methyl-1-penten-3-ol	100	C6H12O	086361-10-6	53
4		Oxirane, butyl-	100	C6H12O	001436-34-6	50
5		Tetrahydrofuran, 2-hexyl-	156	C10H20O	003208-32-0	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093890.D
Acq On : 23 Mar 2017 20:26
Operator : SJ/MA
Sample : I2371-03
Misc :
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Instrument :
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ClientSampleId :
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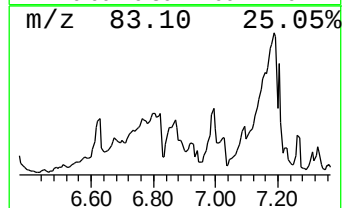
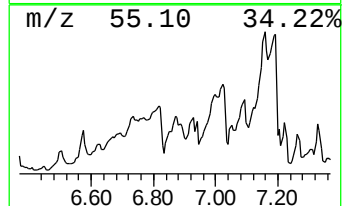
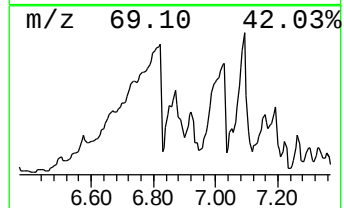
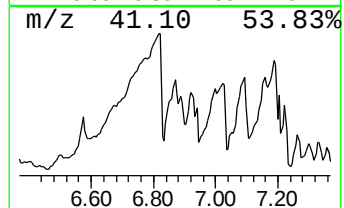
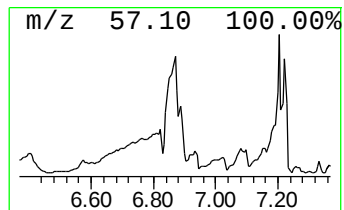
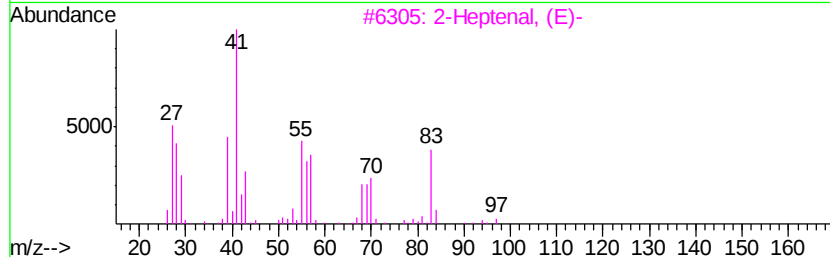
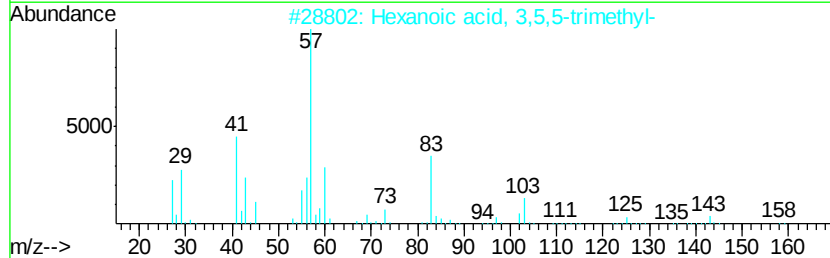
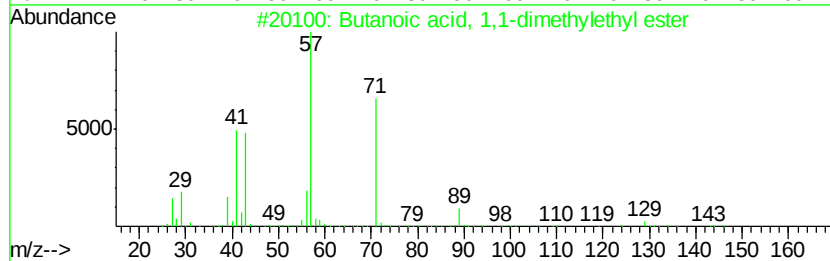
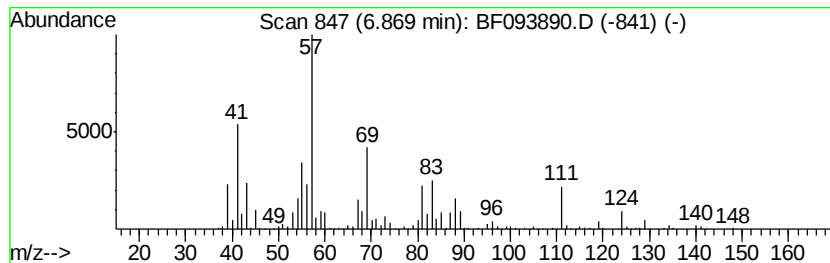
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.87 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	33.66 ng	2084040	Napthalene-d8	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 1,1-dimethylethyl...	144	C8H16O2	002308-38-5	27
2		Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	25
3		2-Heptenal, (E)-	112	C7H12O	018829-55-5	14
4		Octane, 3-methyl-	128	C9H20	002216-33-3	14
5		Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
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ClientSampleId :
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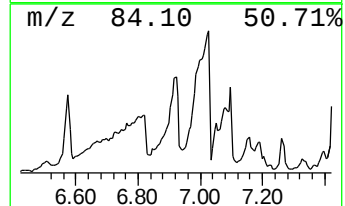
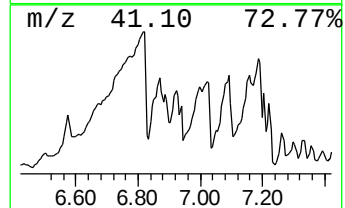
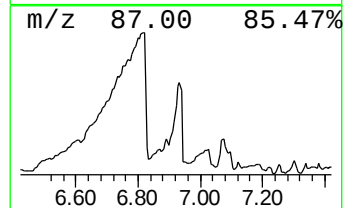
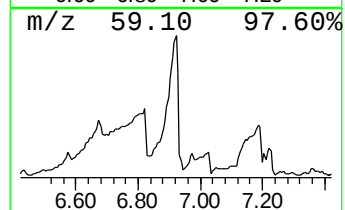
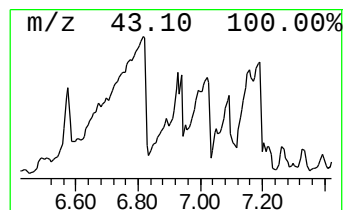
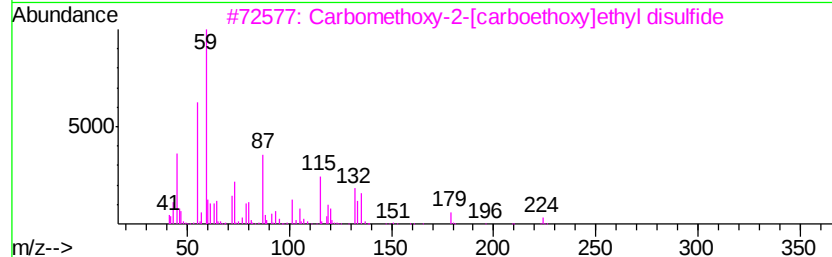
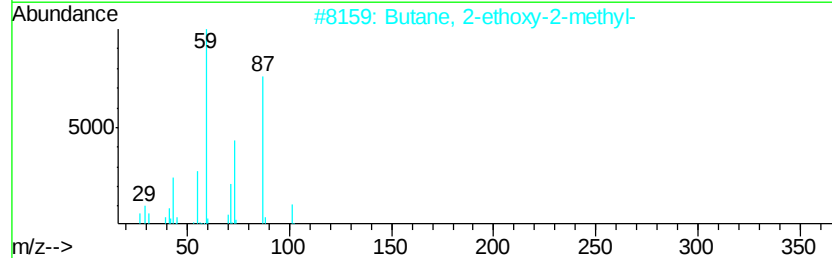
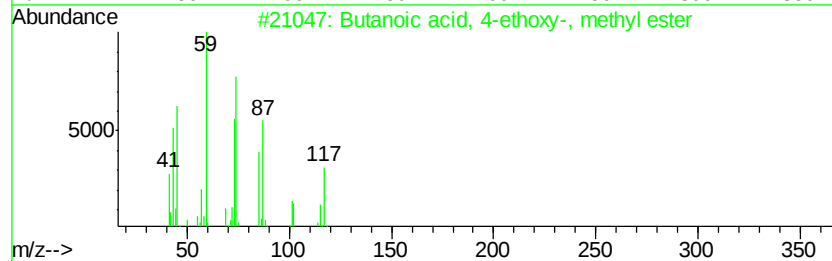
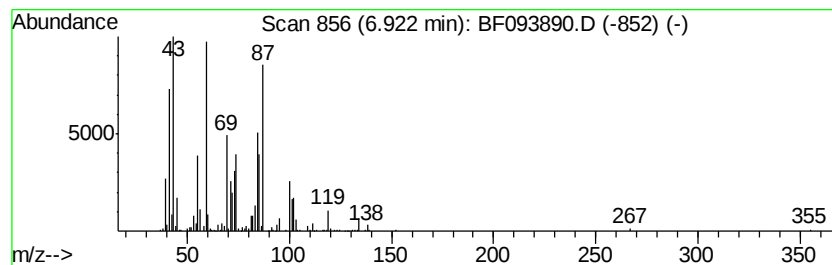
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.92 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	27.75 ng	1717850	Naphthalene-d8	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 4-ethoxy-, methyl...	146	C7H14O3	029006-04-0	32
2		Butane, 2-ethoxy-2-methyl-	116	C7H16O	000919-94-8	25
3		Carbomethoxy-2-[carboethoxy]ethy...	224	C7H12O4S2	1000251-20-1	25
4		Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	22
5		3-Heptanol	116	C7H16O	000589-82-2	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093890.D
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Misc :
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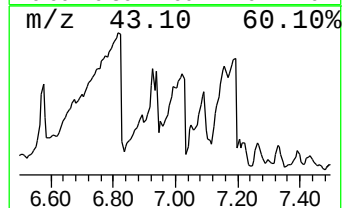
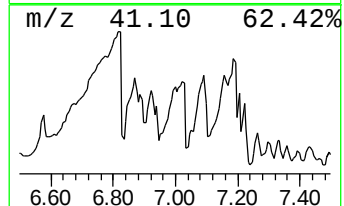
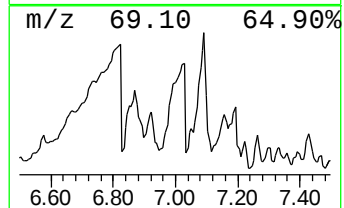
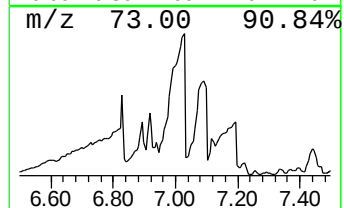
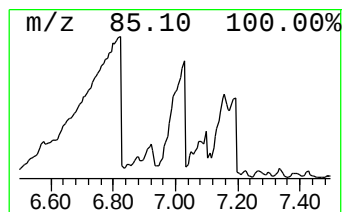
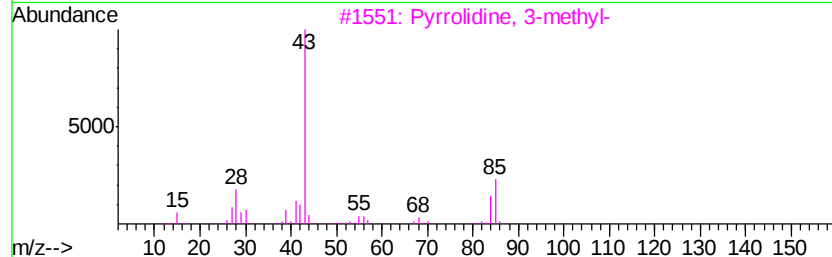
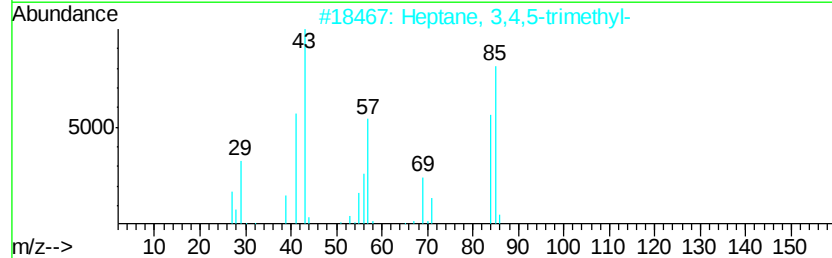
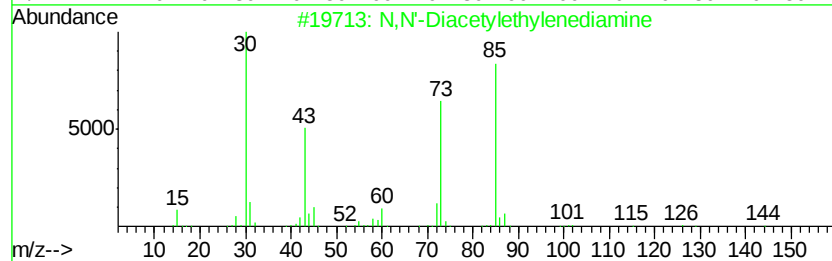
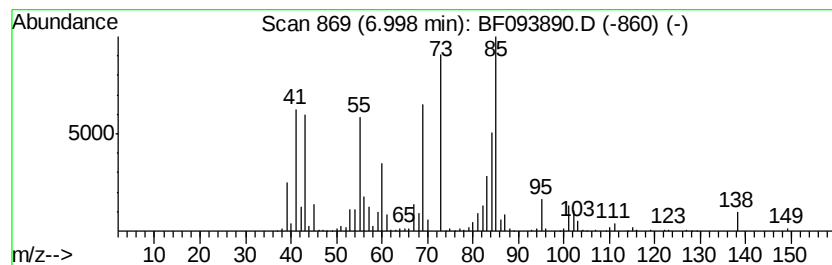
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.00 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	39.97 ng	2474410	Napthalene-d8	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N'-Diacetylenediamine	144	C6H12N2O2	000871-78-3	38
2		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	38
3		Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	38
4		Heptane, 3-methyl-	114	C8H18	000589-81-1	38
5		Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093890.D
Acq On : 23 Mar 2017 20:26
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Sample : I2371-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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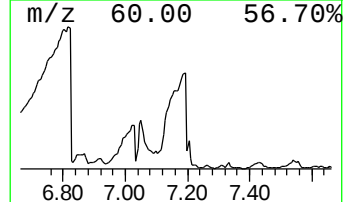
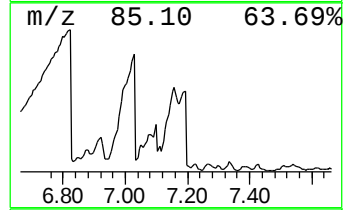
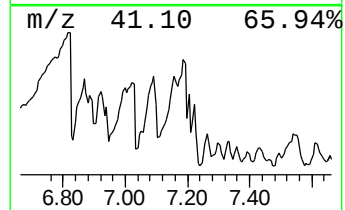
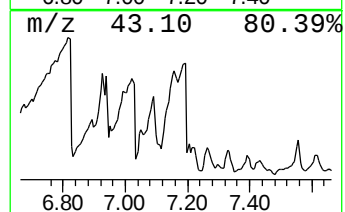
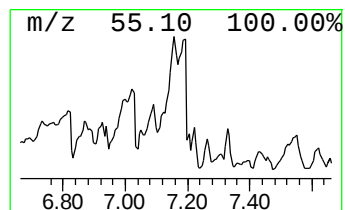
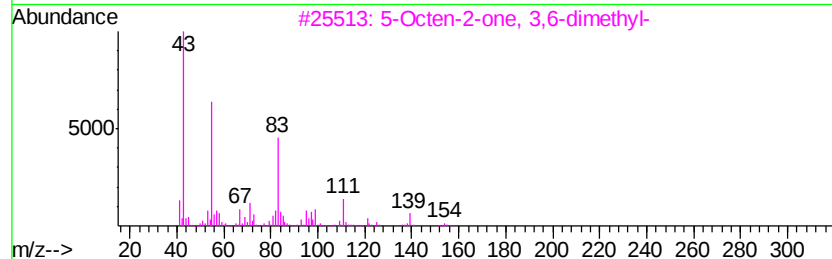
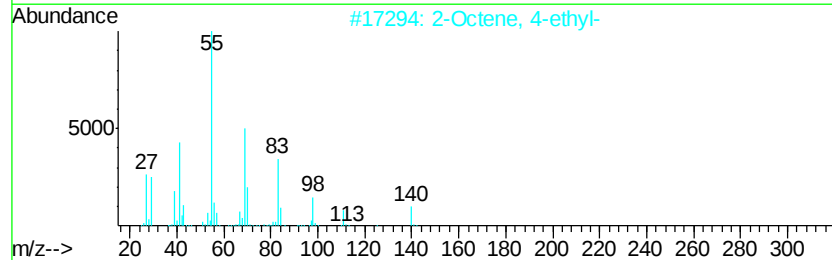
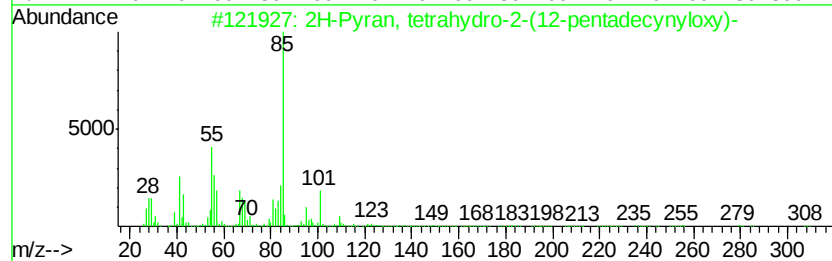
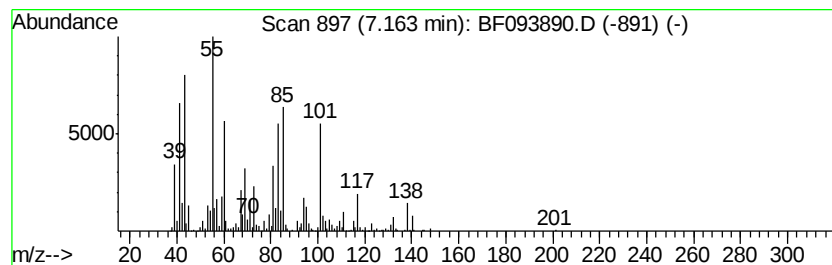
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.16 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	21.61 ng	1337790	Naphthalene-d8	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Pyran, tetrahydro-2-(12-penta...	308	C20H36O2	056666-38-7	22
2		2-Octene, 4-ethyl-	140	C10H20	053966-52-2	18
3		5-Octen-2-one, 3,6-dimethyl-	154	C10H18O	064165-21-5	14
4		Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	11
5		5,6-Epoxyhexanol-1	116	C6H12O2	021915-57-1	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093890.D
Acq On : 23 Mar 2017 20:26
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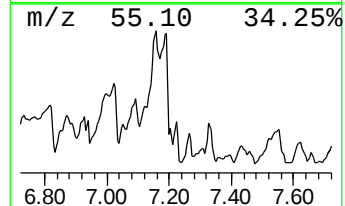
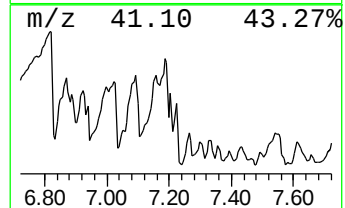
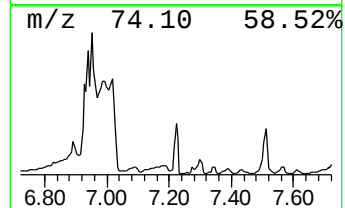
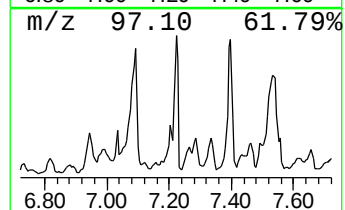
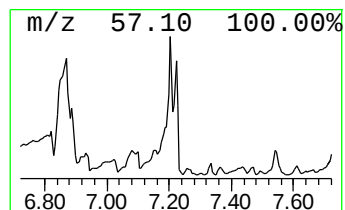
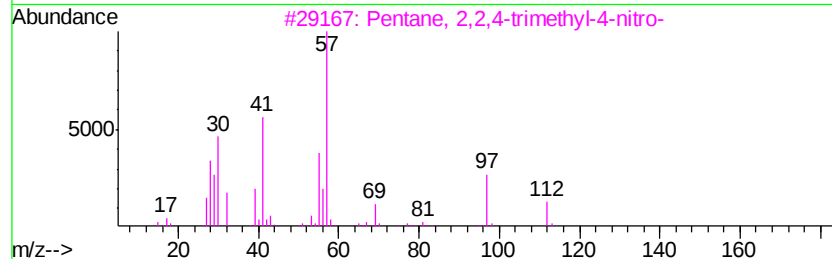
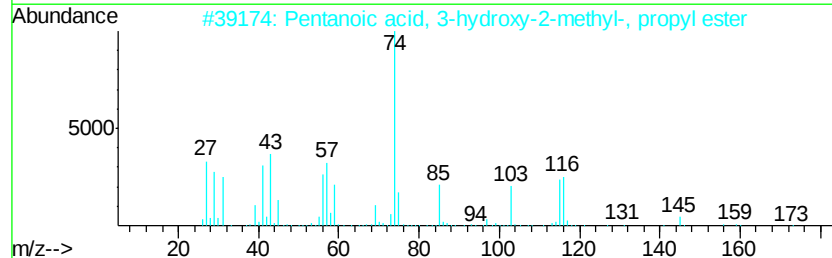
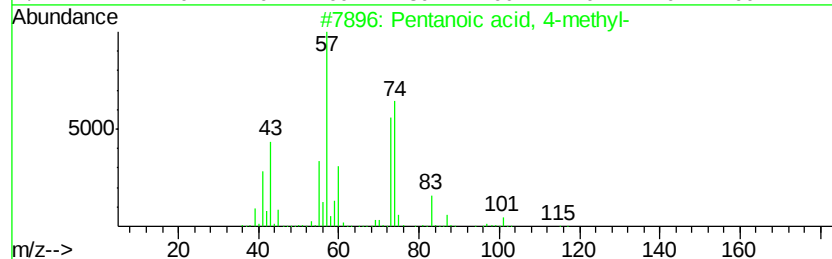
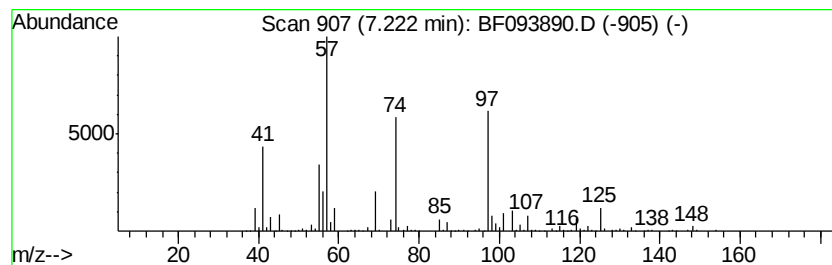
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown7.22 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	14.40 ng	891780	Naphthalene-d8	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	38
2		Pentanoic acid, 3-hydroxy-2-meth...	174	C9H18O3	1000151-17-3	35
3		Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	25
4		1-Azabicyclo[2.2.2]octan-3-one	125	C7H11NO	003731-38-2	14
5		1-[2-(2-Thienylmethylamino)ethyl]...	182	C9H14N2S	1000255-07-9	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
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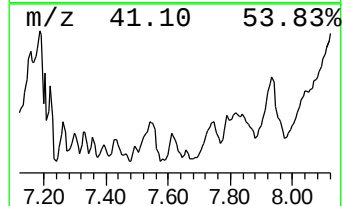
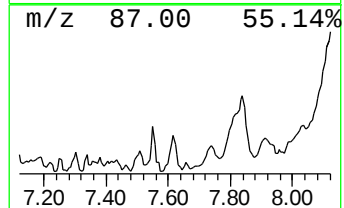
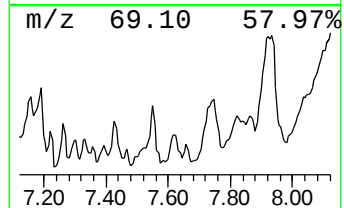
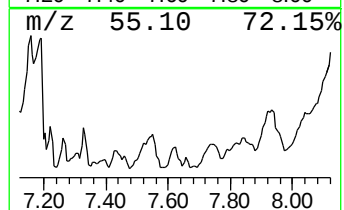
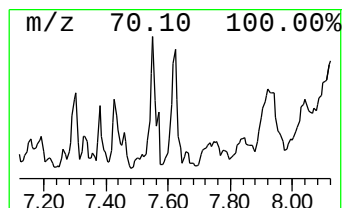
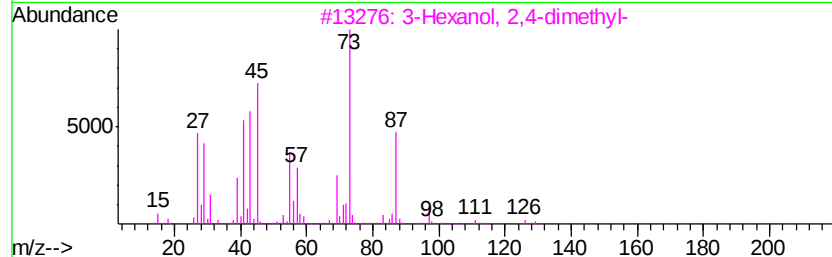
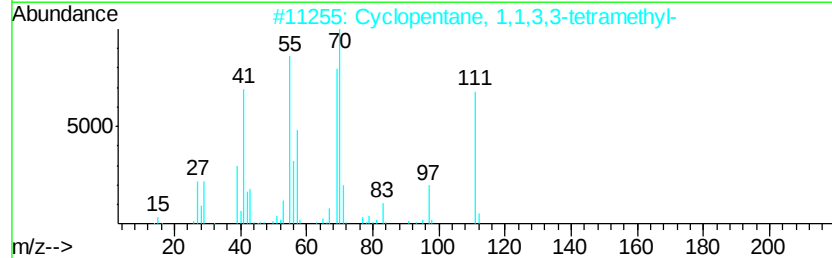
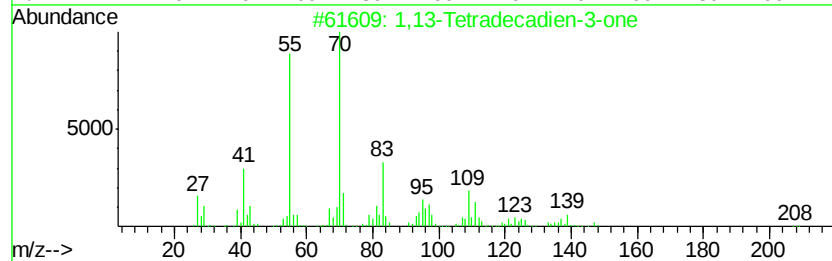
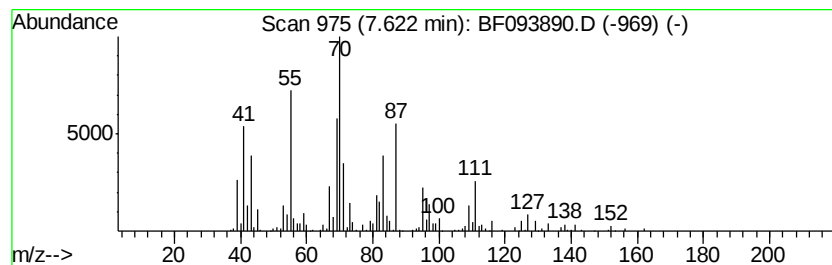
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown7.62 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	13.33 ng	825152	Naphthalene-d8	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,13-Tetradecadien-3-one	208	C14H24O	058879-40-6	32
2		Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	22
3		3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	22
4		Pentanoic acid, 2-propyl-, methyl...	158	C9H18O2	022632-59-3	22
5		3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
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Acq On : 23 Mar 2017 20:26
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ALS Vial : 15 Sample Multiplier: 1

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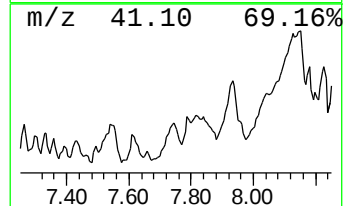
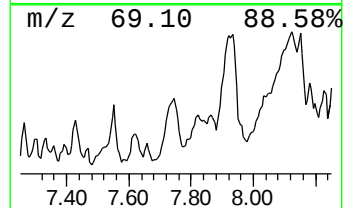
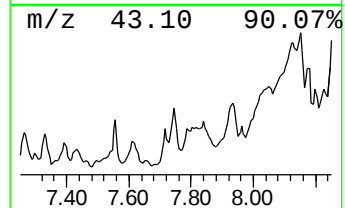
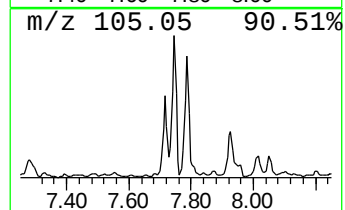
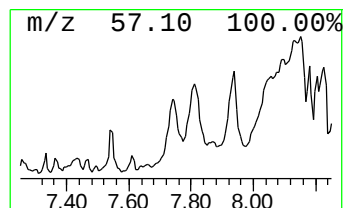
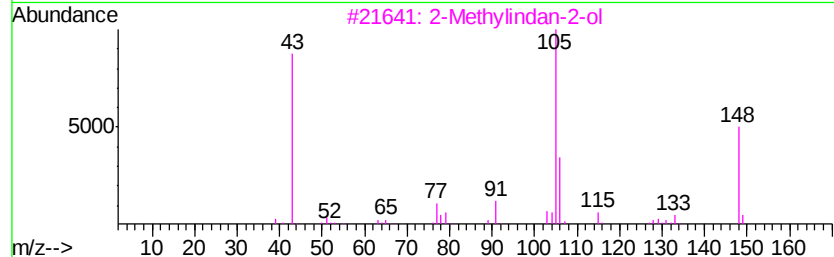
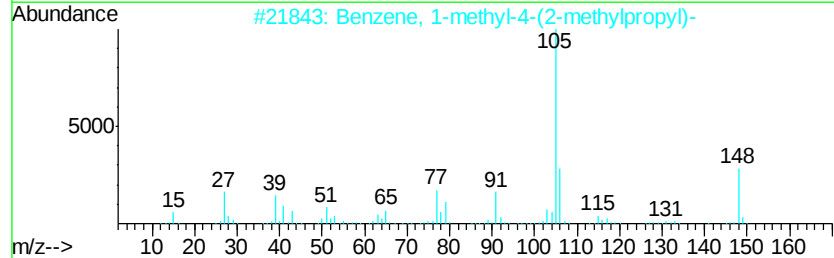
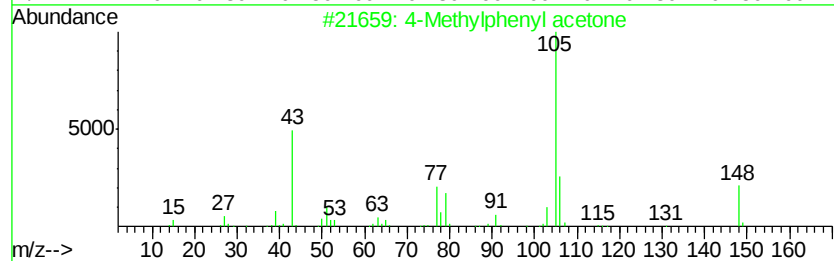
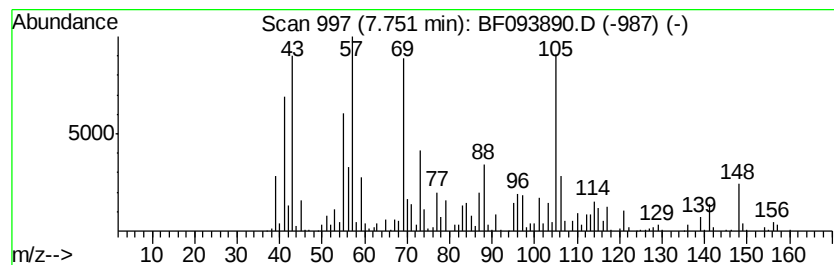
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown7.75 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	34.97 ng	2165020	Napthalene-d8	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methylphenyl acetone	148	C10H12O	002096-86-8	42
2		Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	27
3		2-Methylindan-2-ol	148	C10H12O	033223-84-6	27
4		Benzene, (1-ethoxyethenyl)-	148	C10H12O	006230-62-2	22
5		Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093890.D
Acq On : 23 Mar 2017 20:26
Operator : SJ/MA
Sample : I2371-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0669

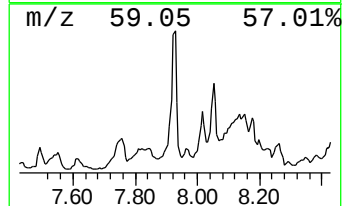
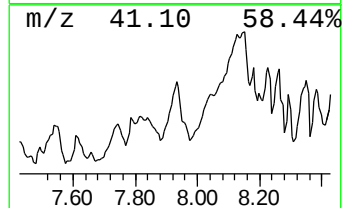
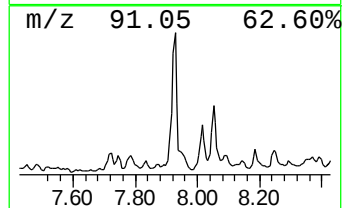
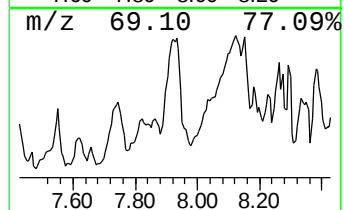
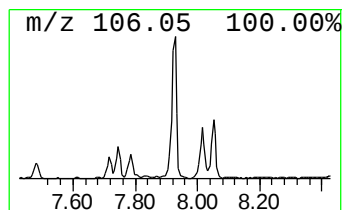
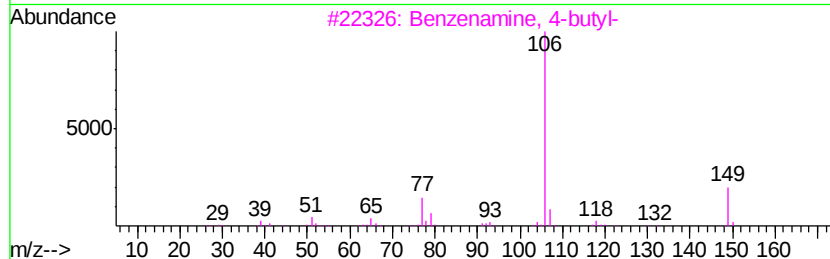
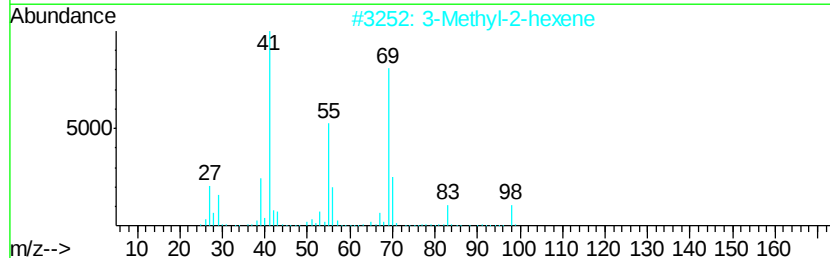
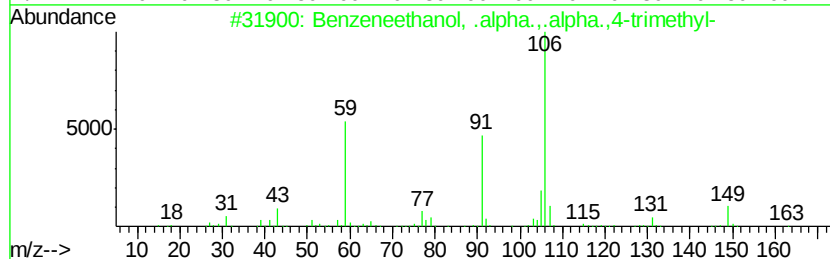
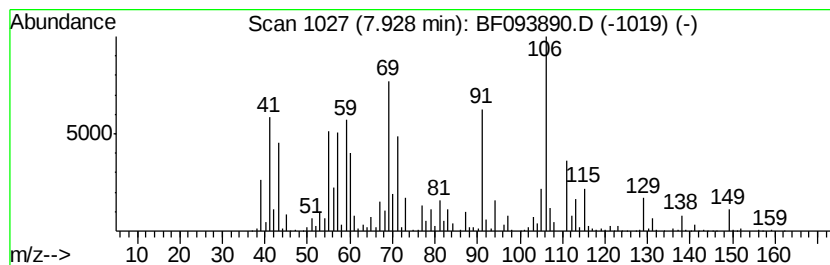
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown7.93 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	56.24 ng	3481820	Napthalene-d8	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenethanol, .alpha.,.alpha.,...	164	C11H16O	020834-59-7	25
2		3-Methyl-2-hexene	98	C7H14	017618-77-8	11
3		Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	11
4		Benzenemethanamine, .alpha.-meth...	121	C8H11N	002627-86-3	11
5		Benzenamine, N-butyl-	149	C10H15N	001126-78-9	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093890.D
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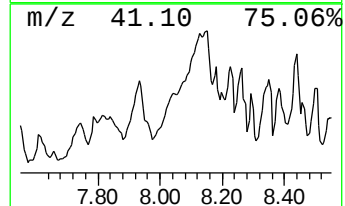
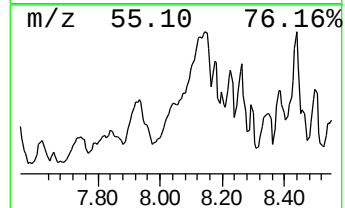
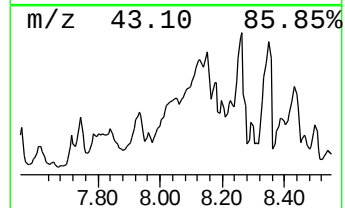
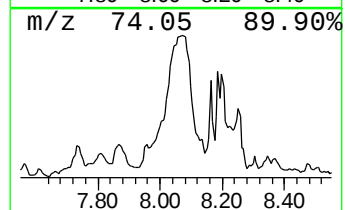
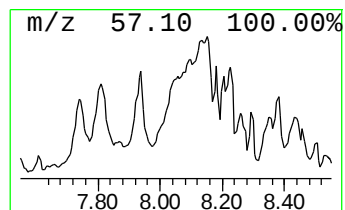
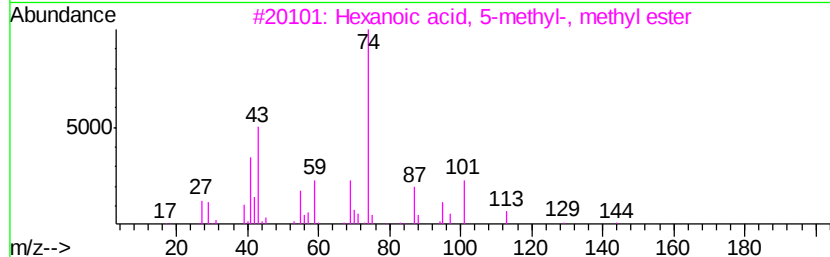
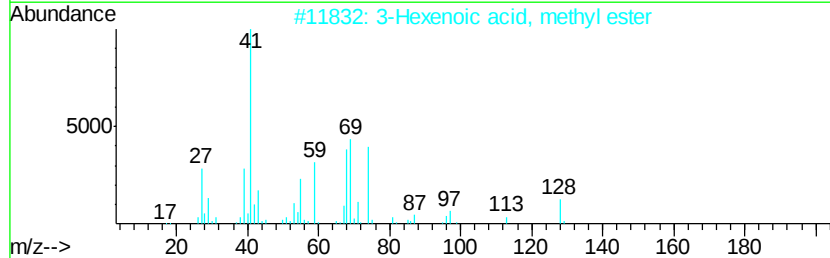
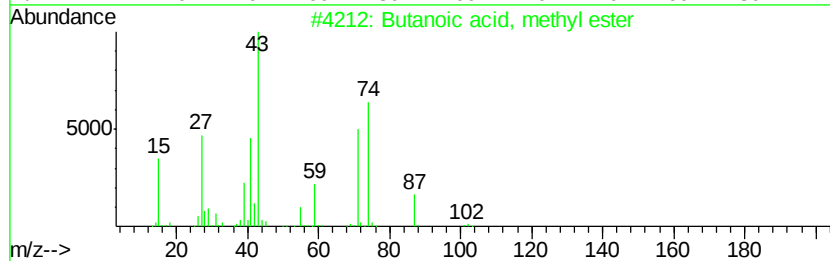
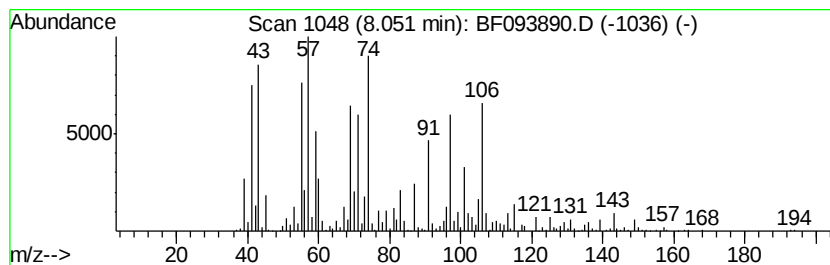
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown8.05 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	53.69 ng	3324030	Napthalene-d8	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	38
2		3-Hexenoic acid, methyl ester	128	C7H12O2	002396-78-3	35
3		Hexanoic acid, 5-methyl-, methyl...	144	C8H16O2	002177-83-5	35
4		Heptanoic acid, 3,5-dimethyl-, m...	172	C10H20O2	002490-54-2	27
5		3-Hexenoic acid, methyl ester, (E)-	128	C7H12O2	013894-61-6	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093890.D
Acq On : 23 Mar 2017 20:26
Operator : SJ/MA
Sample : I2371-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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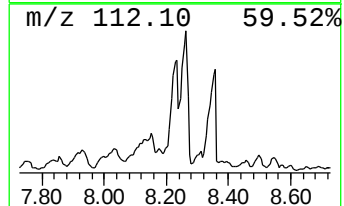
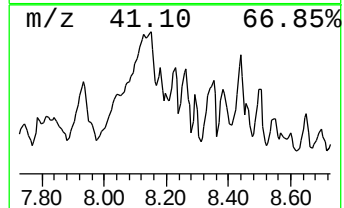
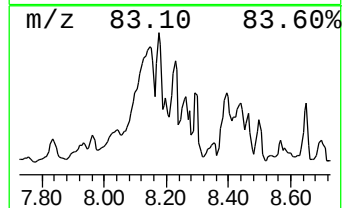
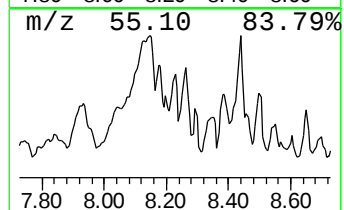
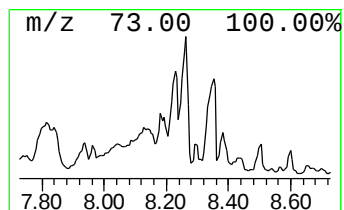
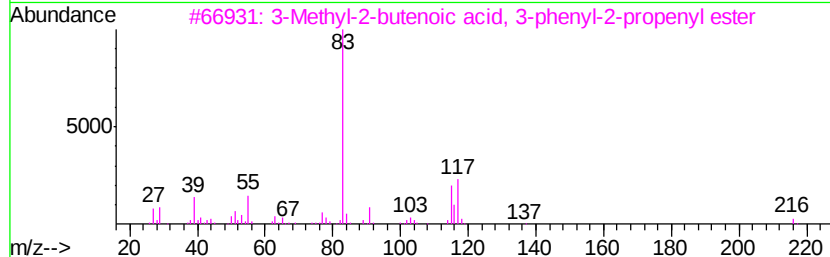
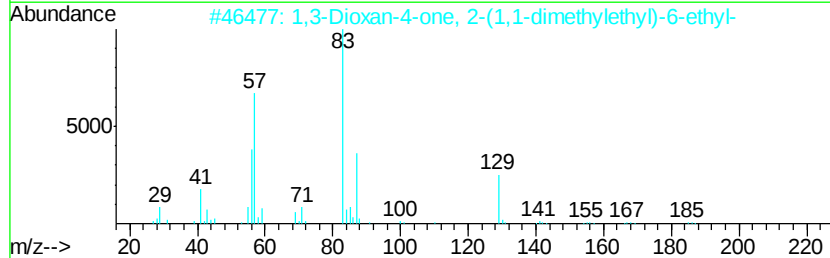
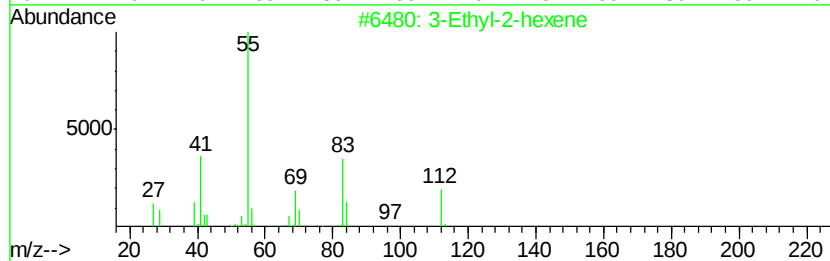
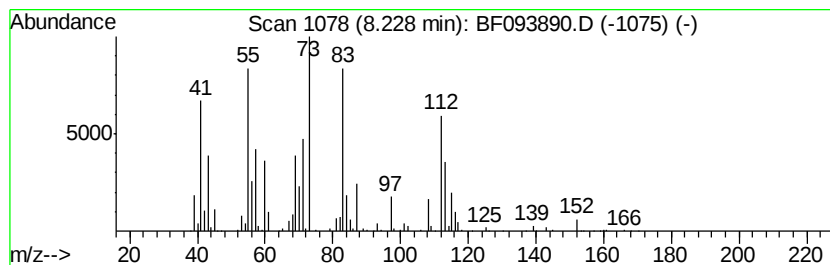
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown8.23 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	14.17 ng	877419	Napthalene-d8	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Ethyl-2-hexene	112	C8H16	000620-00-8	35
2		1,3-Dioxan-4-one, 2-(1,1-dimethy...	186	C10H18O3	113505-80-9	22
3		3-Methyl-2-butenic acid, 3-phen...	216	C14H16O2	056500-41-5	16
4		2-Hydroxy-2-methyl-but-3-enyl 2-...	184	C10H16O3	080758-67-4	16
5		3-Hexene, 2,4-dimethyl-	112	C8H16	082085-14-1	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093890.D
Acq On : 23 Mar 2017 20:26
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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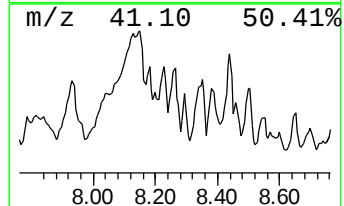
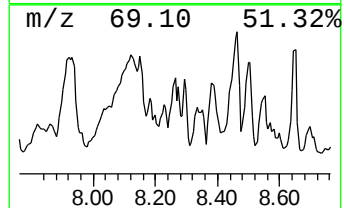
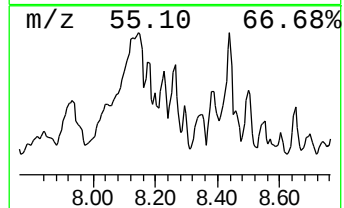
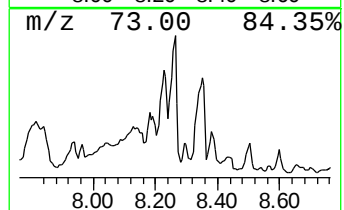
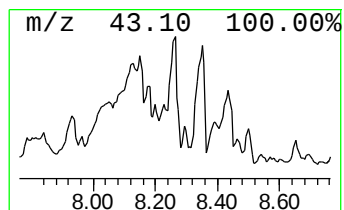
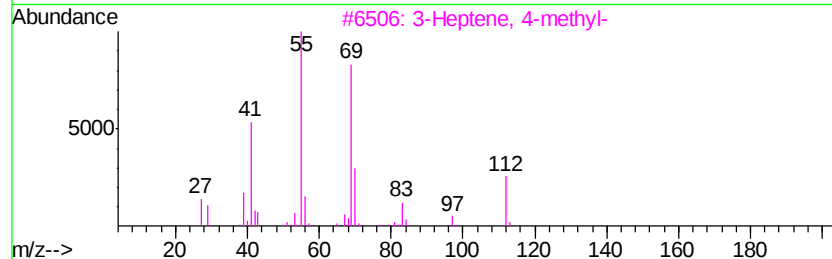
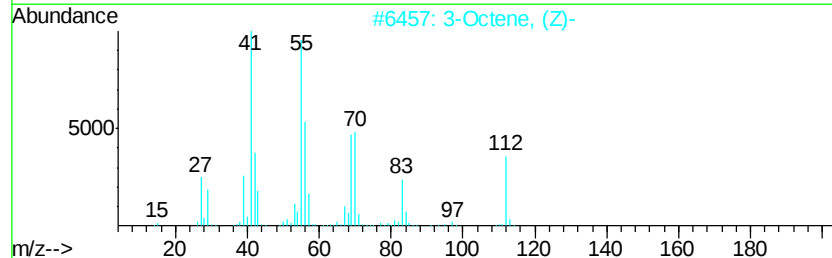
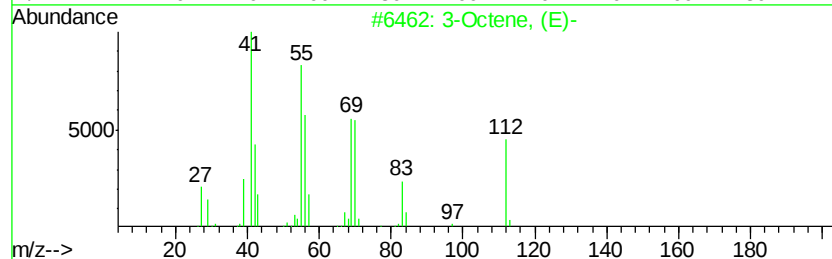
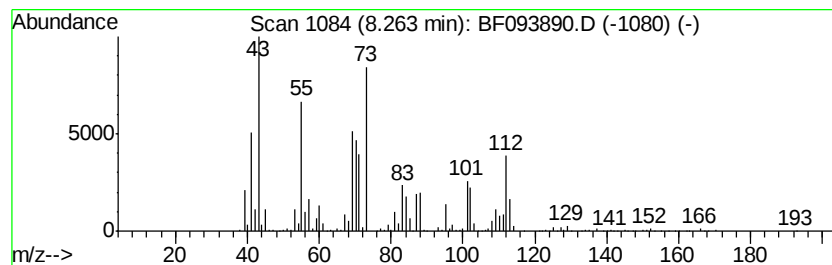
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown8.26 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	29.99 ng	1856720	Naphthalene-d8	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, (E)-		112	C8H16	014919-01-8	30
2	3-Octene, (Z)-		112	C8H16	014850-22-7	25
3	3-Heptene, 4-methyl-		112	C8H16	004485-16-9	22
4	2-Octene, (E)-		112	C8H16	013389-42-9	22
5	Ethanol, 2-(pentyloxy)-, acetate		174	C9H18O3	005312-09-4	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093890.D
Acq On : 23 Mar 2017 20:26
Operator : SJ/MA
Sample : I2371-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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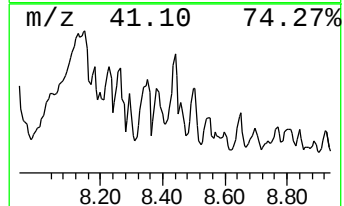
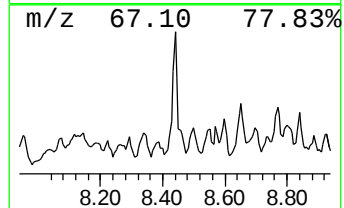
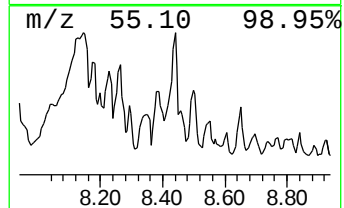
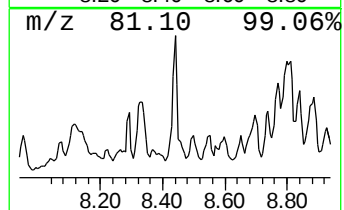
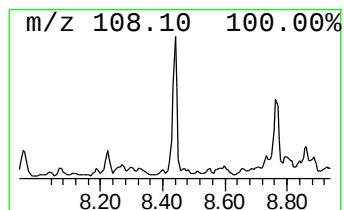
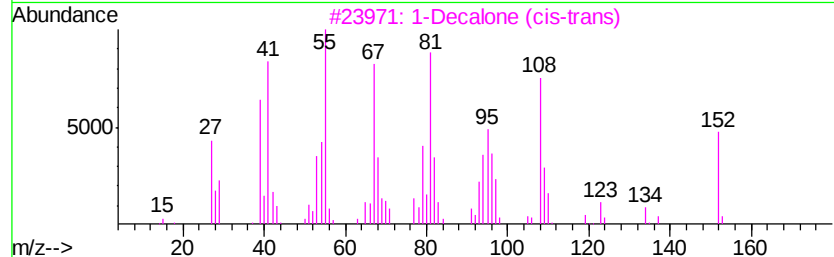
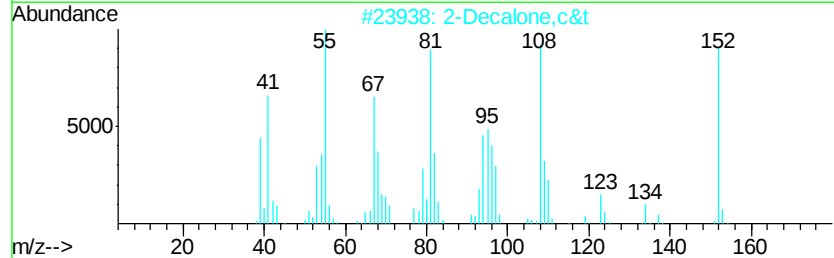
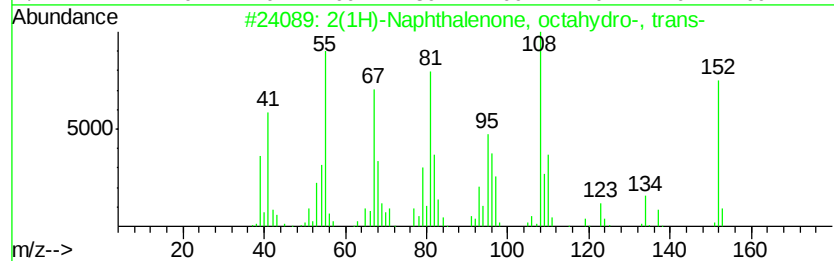
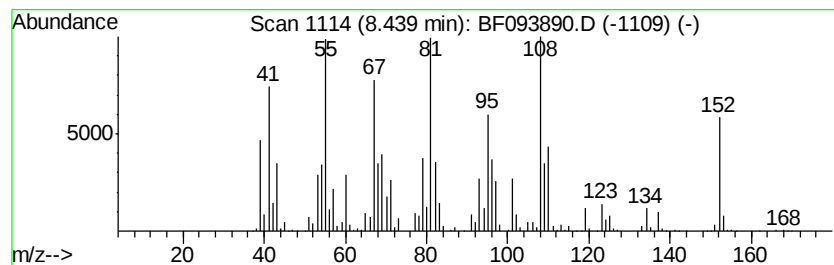
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2(1H)-Naphthalenone, octahy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	34.33 ng	2125430	Naphthalene-d8	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	98
2		2-Decalone,c&t	152	C10H16O	004832-17-1	93
3		1-Decalone (cis-trans)	152	C10H16O	004832-16-0	91
4		Spiro[4.5]decan-2-one	152	C10H16O	003643-16-1	83
5		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093890.D
Acq On : 23 Mar 2017 20:26
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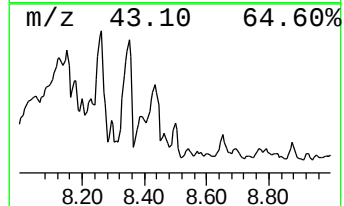
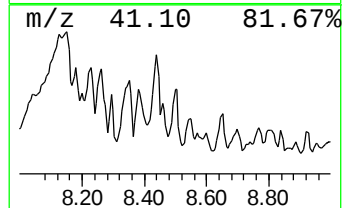
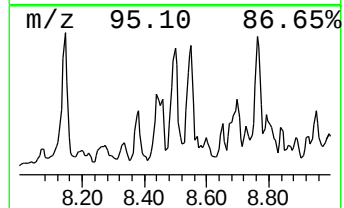
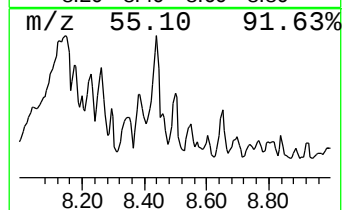
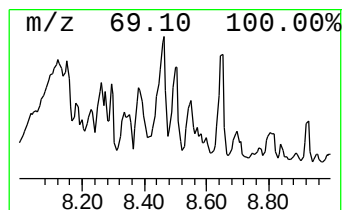
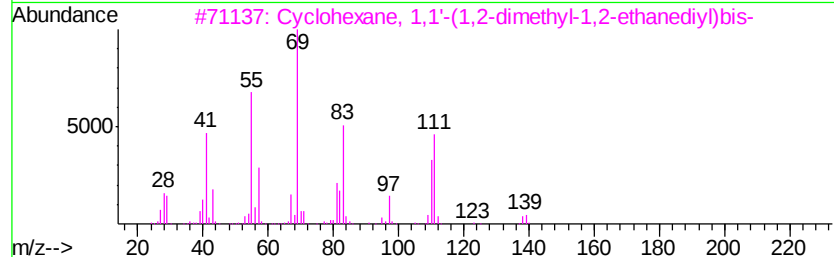
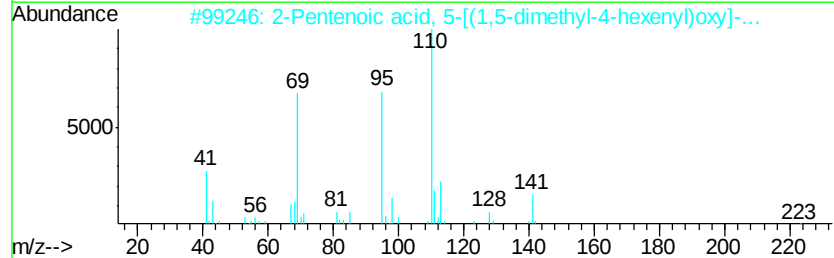
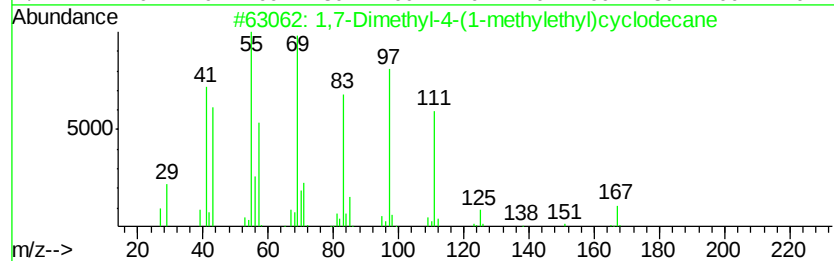
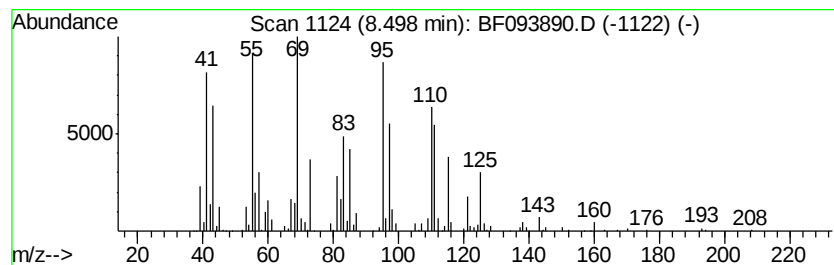
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown8.50 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	20.76 ng	1285530	Napthalene-d8	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	38
2		2-Pentenoic acid, 5-[(1,5-dimeth...	268	C16H28O3	053311-39-0	35
3		Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	074663-71-1	35
4		Methyl 2-hydroxydodecanoate	230	C13H26O3	051067-85-7	27
5		4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093890.D
Acq On : 23 Mar 2017 20:26
Operator : SJ/MA
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Misc :
ALS Vial : 15 Sample Multiplier: 1

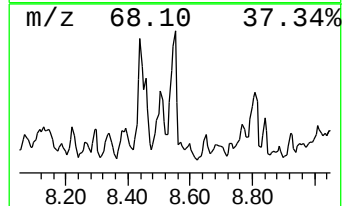
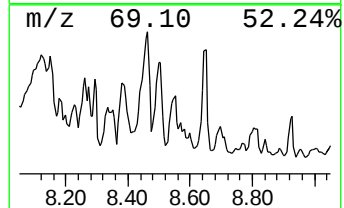
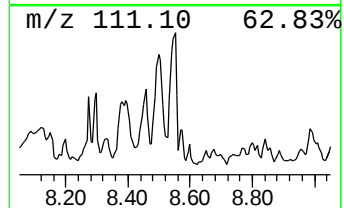
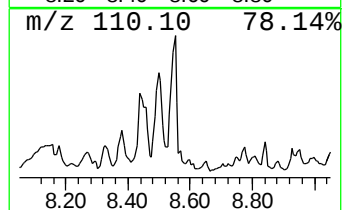
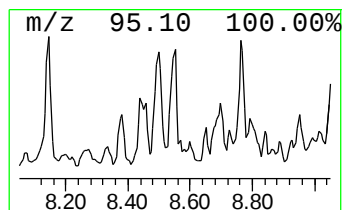
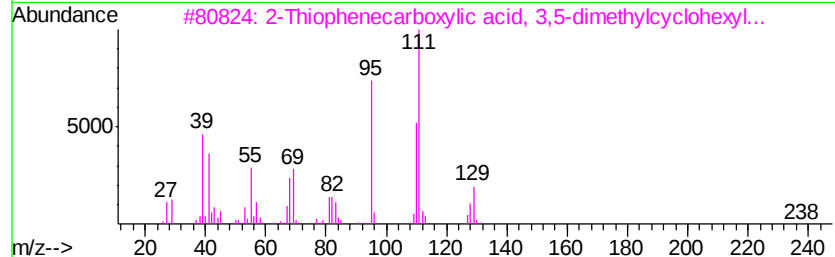
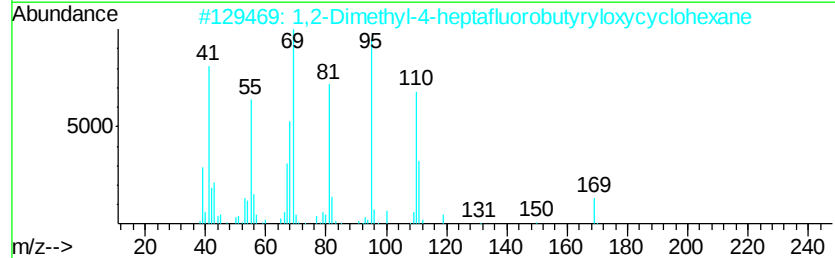
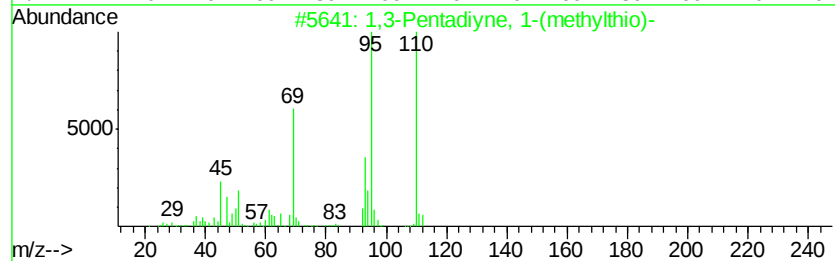
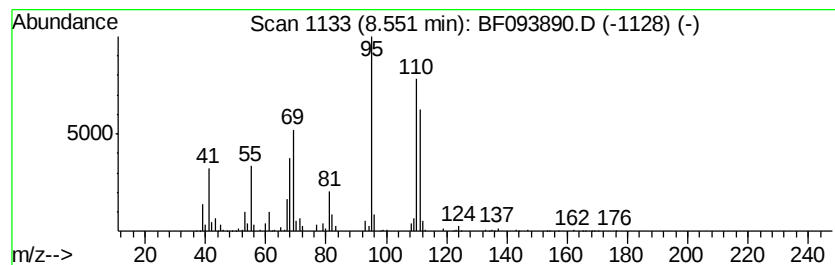
Instrument :
BNA_F
ClientSampleId :
S8-0669

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,3-Pentadiyne, 1-(methylthio) Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	14.81 ng	917106	Napthalene-d8	7.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,3-Pentadiyne, 1-(methylthio)-	110 C6H6S	042875-80-9	53
2	1,2-Dimethyl-4-heptafluorobutyryl...	324 C12H15F7O2	1000216-64-4	53
3	2-Thiophenecarboxylic acid, 3,5-...	238 C13H18O2S	1000278-87-5	50
4	Cyclohexanecarboxylic acid, 3,5-...	238 C15H26O2	1000279-52-3	45
5	Cyclopentane, 1,2-dimethyl-3-met...	110 C8H14	091884-67-2	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093890.D
Acq On : 23 Mar 2017 20:26
Operator : SJ/MA
Sample : I2371-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

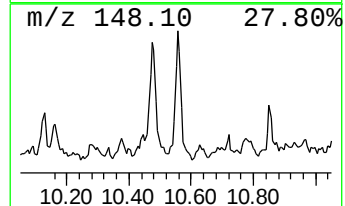
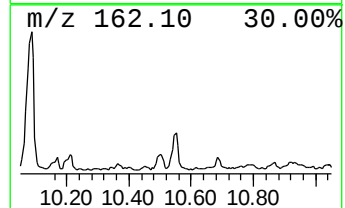
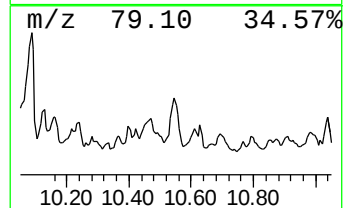
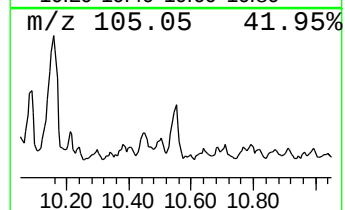
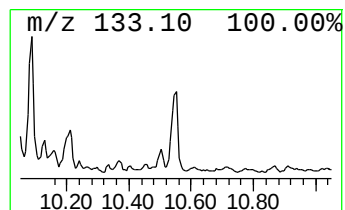
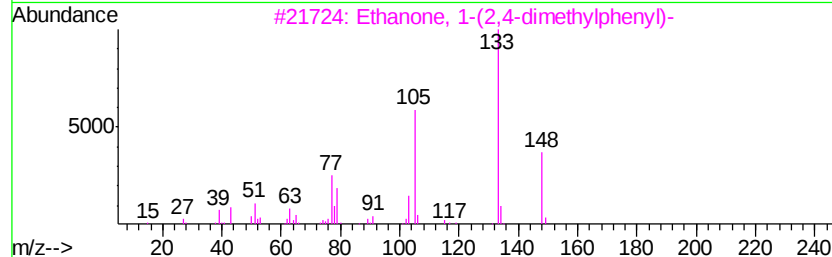
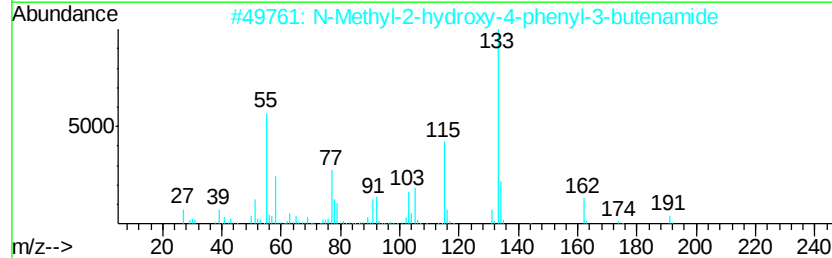
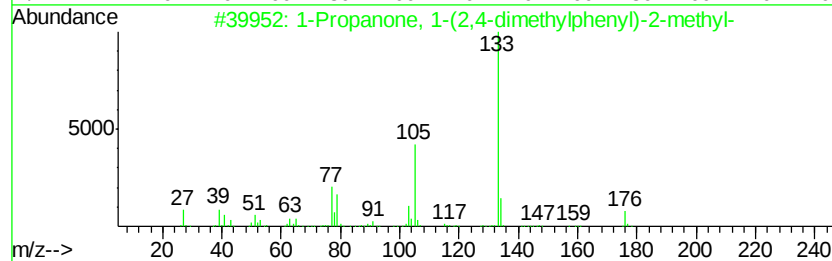
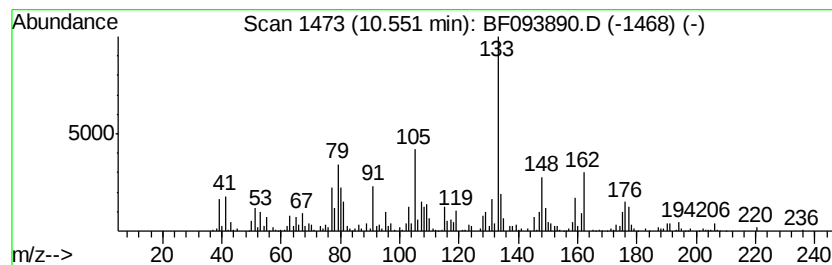
Instrument :
BNA_F
ClientSampleId :
S8-0669

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Propanone, 1-(2,4-dimethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.55	16.16 ng	931705	Phenanthrene-d10	11.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 1-(2,4-dimethylphen...	176	C12H16O	023351-72-6	55
2	N-Methyl-2-hydroxy-4-phenyl-3-bu...	191	C11H13NO2	087920-01-2	55
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	50
4	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	46
5	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
Data File : BF093890.D
Acq On : 23 Mar 2017 20:26
Operator : SJ/MA
Sample : I2371-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0669

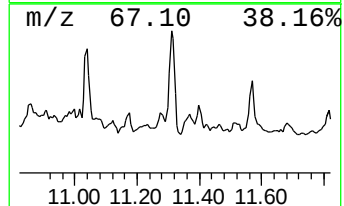
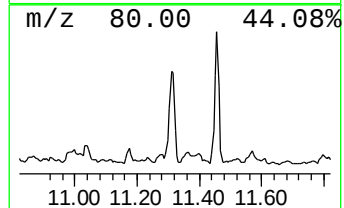
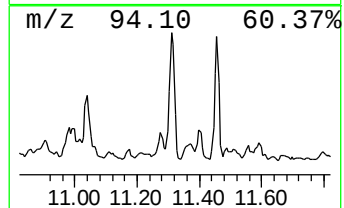
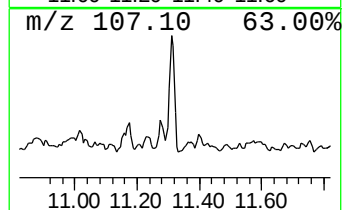
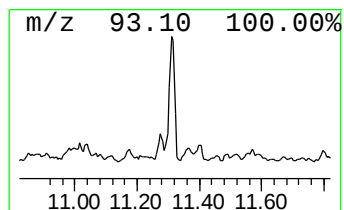
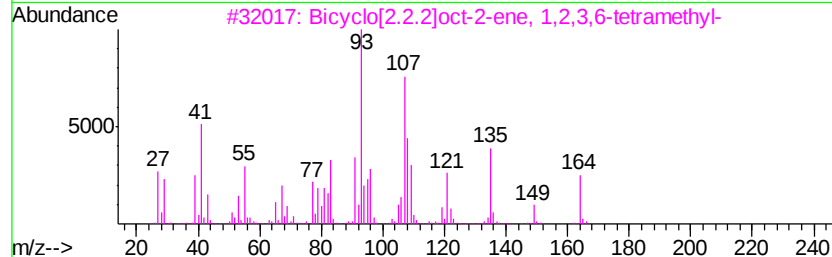
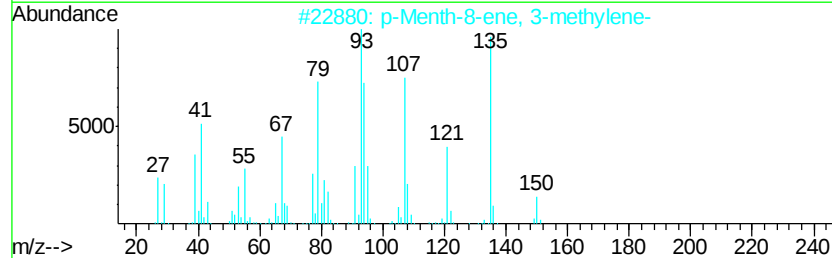
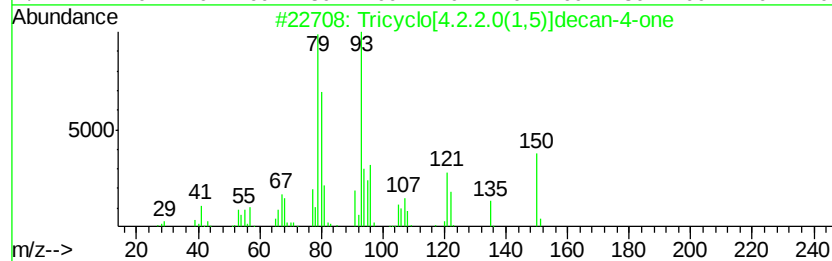
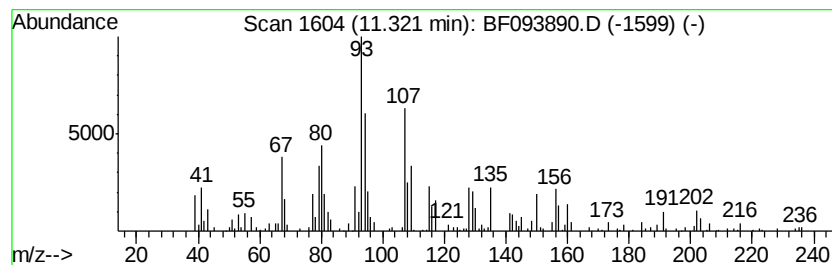
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tricyclo[4.2.2.0(1,5)]decan... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	14.04 ng	809311	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[4.2.2.0(1,5)]decan-4-one	150	C10H14O	092144-38-2	50
2		p-Menth-8-ene, 3-methylene-	150	C11H18	1000151-25-7	43
3		Bicyclo[2.2.2]oct-2-ene, 1,2,3,6...	164	C12H20	062376-14-1	42
4		2-Ethylimino-4-methyl-pent-3-ene...	136	C8H12N2	1000189-21-6	38
5		Bicyclo[3.3.0]octan-3-one, 7-eth...	150	C10H14O	1000163-34-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
 Data File : BF093890.D
 Acq On : 23 Mar 2017 20:26
 Operator : SJ/MA
 Sample : I2371-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0669

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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
unknown5.72	5.72	57.9	ng	3855710	1	5.97	1331200	20.0
Benzene, 1,2,3-tr...	5.78	12.4	ng	828748	1	5.97	1331200	20.0
Hexanoic acid, 2-...	6.57	27.0	ng	1794550	1	5.97	1331200	20.0
unknown6.87	6.87	33.7	ng	2084040	2	7.48	1238210	20.0
unknown6.92	6.92	27.8	ng	1717850	2	7.48	1238210	20.0
unknown7.00	7.00	40.0	ng	2474410	2	7.48	1238210	20.0
unknown7.16	7.16	21.6	ng	1337790	2	7.48	1238210	20.0
unknown7.22	7.22	14.4	ng	891780	2	7.48	1238210	20.0
unknown7.62	7.62	13.3	ng	825152	2	7.48	1238210	20.0
unknown7.75	7.75	35.0	ng	2165020	2	7.48	1238210	20.0
unknown7.93	7.93	56.2	ng	3481820	2	7.48	1238210	20.0
unknown8.05	8.05	53.7	ng	3324030	2	7.48	1238210	20.0
unknown8.23	8.23	14.2	ng	877419	2	7.48	1238210	20.0
unknown8.26	8.26	30.0	ng	1856720	2	7.48	1238210	20.0
2(1H)-Naphthaleno...	8.44	34.3	ng	2125430	2	7.48	1238210	20.0
unknown8.50	8.50	20.8	ng	1285530	2	7.48	1238210	20.0
1,3-Pentadiyne, 1...	8.55	14.8	ng	917106	2	7.48	1238210	20.0
1-Propanone, 1-(2...	10.55	16.2	ng	931705	4	11.46	1152880	20.0
Tricyclo[4.2.2.0(...	11.32	14.0	ng	809311	4	11.46	1152880	20.0