

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
 Data File : BF094297.D
 Acq On : 8 Apr 2017 3:55
 Operator : SJ/MA
 Sample : I2593-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-10

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	2.581	109	118	120	rBV	1004615	1738401	27.86%	1.472%
2	2.616	120	124	127	rVB	2316565	2955787	47.36%	2.504%
3	2.916	166	175	178	rBV	2770398	4013042	64.31%	3.399%
4	3.393	251	256	257	rBV	361504	457510	7.33%	0.388%
5	3.422	257	261	264	rVB	1431395	1544008	24.74%	1.308%
6	3.910	339	344	348	rBV	1373295	1671617	26.79%	1.416%
7	3.987	354	357	359	rBV	227756	265538	4.26%	0.225%
8	4.016	359	362	364	rBV	486435	436552	7.00%	0.370%
9	4.051	364	368	370	rBV	1527851	1905078	30.53%	1.614%
10	4.246	397	401	406	rBV2	1320398	1394559	22.35%	1.181%
11	4.416	426	430	435	rBV	1684962	1710095	27.40%	1.448%
12	4.610	460	463	468	rBV2	471309	670473	10.74%	0.568%
13	4.687	471	476	479	rVB	869462	870708	13.95%	0.738%
14	4.946	515	520	523	rVV	1079256	1106404	17.73%	0.937%
15	5.004	525	530	533	rVV2	505357	662416	10.61%	0.561%
16	5.110	541	548	551	rBV2	575300	701092	11.23%	0.594%
17	5.257	569	573	576	rVV	1355339	1234503	19.78%	1.046%
18	5.498	608	614	621	rVB2	1437343	1741272	27.90%	1.475%
19	5.616	629	634	638	rVV	3040075	3049846	48.87%	2.583%
20	5.663	638	642	647	rVV	1255284	1263229	20.24%	1.070%
21	5.804	660	666	669	rBV2	499075	665175	10.66%	0.563%
22	5.851	669	674	677	rVV	863140	925866	14.84%	0.784%
23	5.887	677	680	684	rVV2	338109	327292	5.24%	0.277%
24	5.922	684	686	692	rVV2	505353	524248	8.40%	0.444%
25	6.034	701	705	708	rVV	2765485	3247402	52.04%	2.751%
26	6.063	708	710	715	rVB	1800114	1530536	24.53%	1.296%
27	6.145	720	724	727	rVV	739739	743418	11.91%	0.630%
28	6.187	727	731	735	rVB2	269518	431489	6.91%	0.365%
29	6.228	735	738	741	rBV2	770921	853977	13.68%	0.723%
30	6.251	741	742	749	rVB3	293134	295346	4.73%	0.250%
31	6.310	749	752	756	rBV3	398310	482165	7.73%	0.408%
32	6.404	764	768	770	rBV	246446	302935	4.85%	0.257%
33	6.487	774	782	784	rVV2	1978533	2924654	46.87%	2.477%
34	6.510	784	786	795	rVV3	2238530	2774969	44.47%	2.350%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.616	798	804	808	rVB5	496656	901260	14.44%	0.763%
36	6.657	808	811	815	rBV	342346	376060	6.03%	0.319%
37	6.698	815	818	822	rVB3	229624	288422	4.62%	0.244%
38	6.763	822	829	831	rBV	1187528	1291121	20.69%	1.094%
39	6.792	831	834	838	rVB	769023	673919	10.80%	0.571%
40	6.863	841	846	849	rVB4	215495	335629	5.38%	0.284%
41	6.904	849	853	854	rBV2	377781	370560	5.94%	0.314%
42	6.934	854	858	860	rVV4	275056	382149	6.12%	0.324%
43	6.975	860	865	868	rVB5	743839	1038335	16.64%	0.879%
44	7.063	874	880	883	rBV2	2443973	3573028	57.26%	3.026%
45	7.104	883	887	891	rVB2	418291	500844	8.03%	0.424%
46	7.169	891	898	902	rBV2	1305861	1737093	27.84%	1.471%
47	7.222	903	907	910	rVB	393338	439035	7.04%	0.372%
48	7.334	923	926	927	rVV	358418	349741	5.60%	0.296%
49	7.363	927	931	933	rVV	1876830	2458596	39.40%	2.082%
50	7.392	933	936	939	rVV	3782806	3846863	61.64%	3.258%
51	7.428	939	942	947	rVB3	657611	824063	13.21%	0.698%
52	7.475	947	950	956	rVB2	844116	1034733	16.58%	0.876%
53	7.563	962	965	968	rVB2	376099	407098	6.52%	0.345%
54	7.604	968	972	974	rBV2	611496	678004	10.86%	0.574%
55	7.657	978	981	984	rBV2	316441	379574	6.08%	0.322%
56	7.704	985	989	991	rBV3	288558	420711	6.74%	0.356%
57	7.734	991	994	997	rVB3	682440	811651	13.01%	0.687%
58	7.781	997	1002	1003	rBV4	216233	332633	5.33%	0.282%
59	7.839	1010	1012	1014	rVB	356021	272962	4.37%	0.231%
60	7.916	1022	1025	1028	rBV	923721	1147231	18.38%	0.972%
61	7.981	1032	1036	1038	rBV	1047657	970613	15.55%	0.822%
62	8.081	1051	1053	1055	rBV	379460	319682	5.12%	0.271%
63	8.169	1064	1068	1072	rVB2	1122829	1173320	18.80%	0.994%
64	8.239	1073	1080	1083	rVB	4722750	6240465	100.00%	5.286%
65	8.357	1092	1100	1104	rBV	4130768	5785806	92.71%	4.901%
66	8.622	1142	1145	1148	rBV3	419673	520718	8.34%	0.441%
67	8.651	1148	1150	1152	rVV	753186	688828	11.04%	0.583%
68	8.686	1152	1156	1159	rVB	3350439	3546487	56.83%	3.004%
69	8.781	1170	1172	1174	rBV	338759	353846	5.67%	0.300%
70	8.798	1174	1175	1178	rVB	459057	294482	4.72%	0.249%
71	8.834	1178	1181	1184	rBV4	217946	334607	5.36%	0.283%

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72	8.869	1184	1187	1190	rBV3	350039	444446	7.12%	0.376%
73	8.916	1191	1195	1201	rVB2	1063612	1844641	29.56%	1.562%
74	9.010	1204	1211	1215	rVB2	1664721	2997389	48.03%	2.539%
75	9.092	1221	1225	1228	rBV	1857385	2387540	38.26%	2.022%
76	9.128	1228	1231	1237	rVB	1866971	2102936	33.70%	1.781%
77	9.186	1238	1241	1243	rBV3	232504	320840	5.14%	0.272%
78	9.216	1243	1246	1247	rBV	573620	475764	7.62%	0.403%
79	9.233	1247	1249	1251	rVB	455115	312601	5.01%	0.265%
80	9.333	1262	1266	1269	rVB	616995	670055	10.74%	0.568%
81	9.498	1288	1294	1298	rVV3	1215068	1841098	29.50%	1.559%
82	9.563	1302	1305	1309	rVB4	404996	407600	6.53%	0.345%
83	9.604	1309	1312	1316	rVB4	229038	278707	4.47%	0.236%
84	9.663	1319	1322	1324	rVB2	463123	479313	7.68%	0.406%
85	9.698	1324	1328	1331	rBV4	293378	500889	8.03%	0.424%
86	9.751	1331	1337	1338	rBV6	368818	580558	9.30%	0.492%
87	9.810	1343	1347	1352	rVB3	452532	600938	9.63%	0.509%
88	9.904	1359	1363	1365	rBV	527746	607576	9.74%	0.515%
89	9.933	1365	1368	1372	rVB2	464559	544996	8.73%	0.462%
90	10.016	1377	1382	1388	rVB4	817828	1487172	23.83%	1.260%
91	10.175	1405	1409	1410	rBV	536175	572081	9.17%	0.485%
92	10.363	1438	1441	1444	rVB2	362413	431653	6.92%	0.366%
93	10.410	1445	1449	1452	rVV6	160565	281170	4.51%	0.238%
94	10.480	1456	1461	1465	rVV2	1490525	1988628	31.87%	1.684%
95	10.692	1494	1497	1499	rBV	545484	599597	9.61%	0.508%
96	11.263	1591	1594	1600	rVV	342485	421753	6.76%	0.357%
97	11.327	1601	1605	1607	rVV	632578	705239	11.30%	0.597%
98	13.304	1936	1941	1944	rBV	2194215	2346724	37.60%	1.988%
99	14.574	2153	2157	2161	rBV	718536	720636	11.55%	0.610%
100	16.204	2430	2434	2440	rBV	523162	585649	9.38%	0.496%

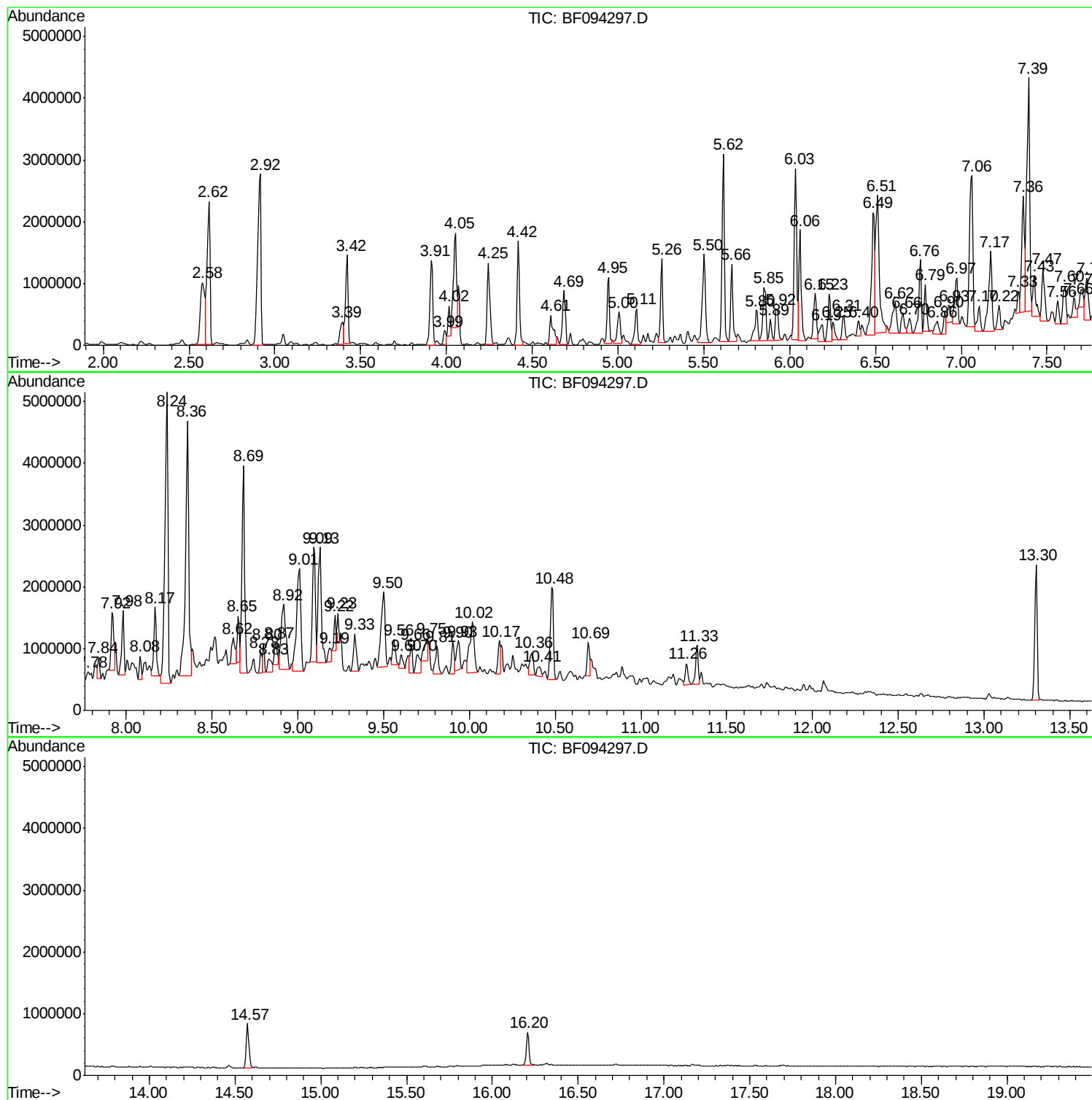
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TW-10

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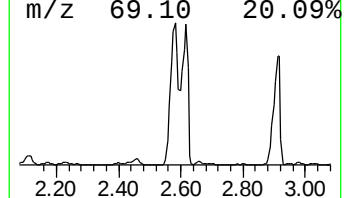
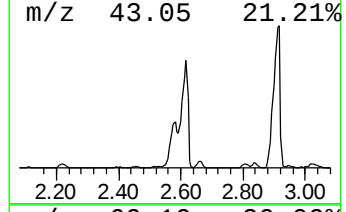
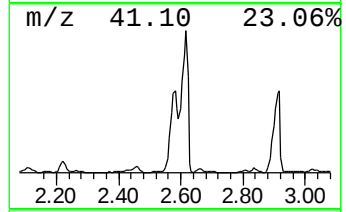
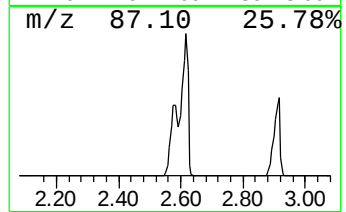
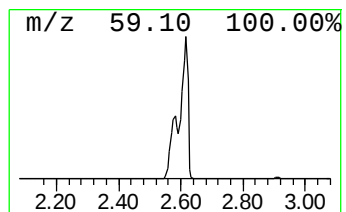
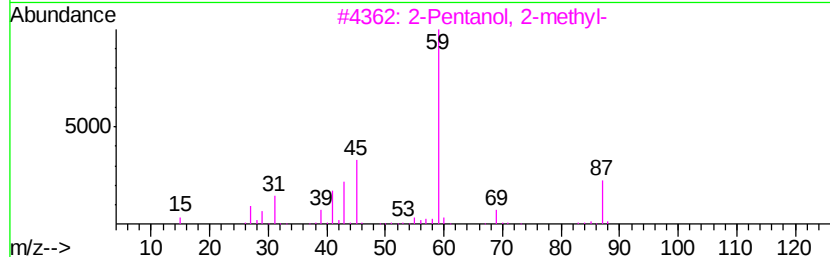
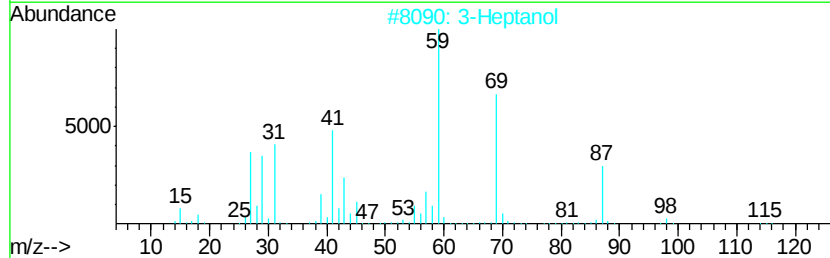
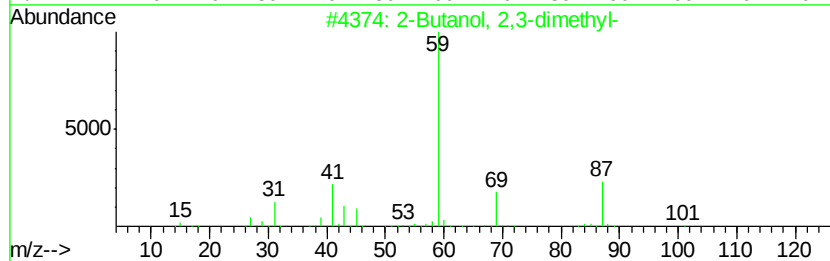
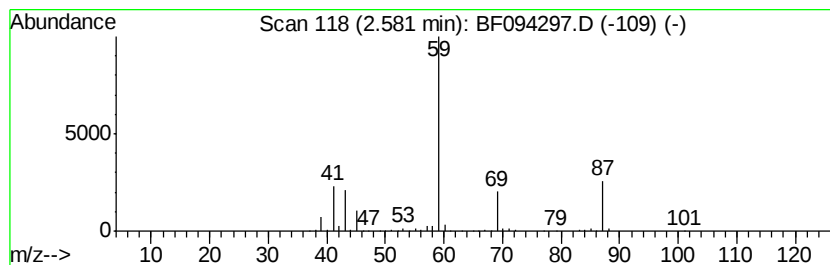
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Butanol, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.58	37.55 ng	1738400	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	83
2		3-Heptanol	116	C7H16O	000589-82-2	40
3		2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	40
4		Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	39
5		Propane, 1-ethoxy-	88	C5H12O	000628-32-0	36



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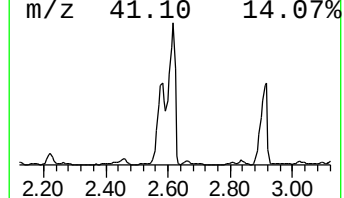
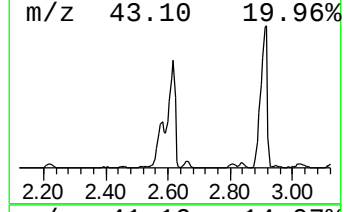
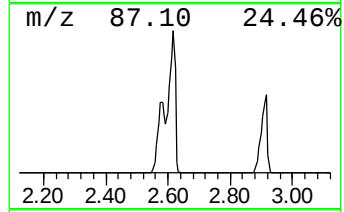
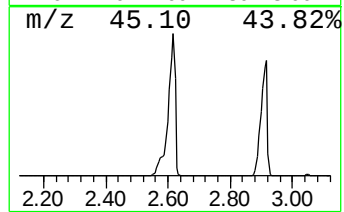
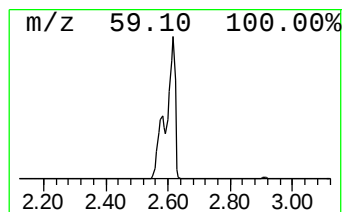
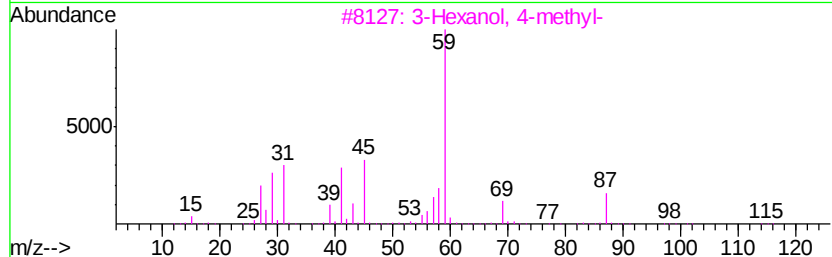
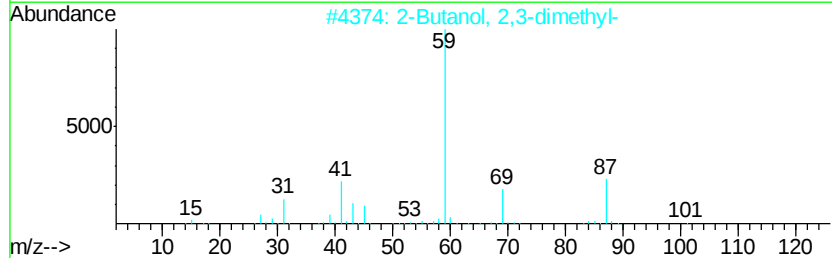
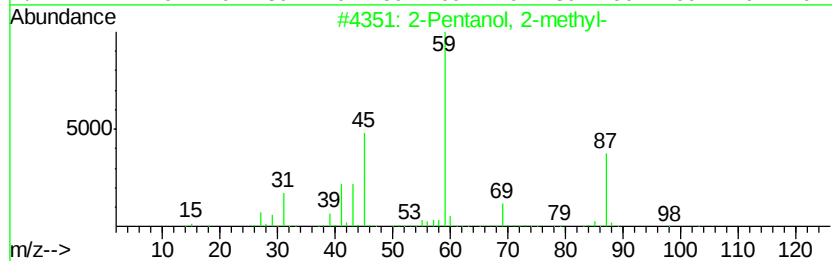
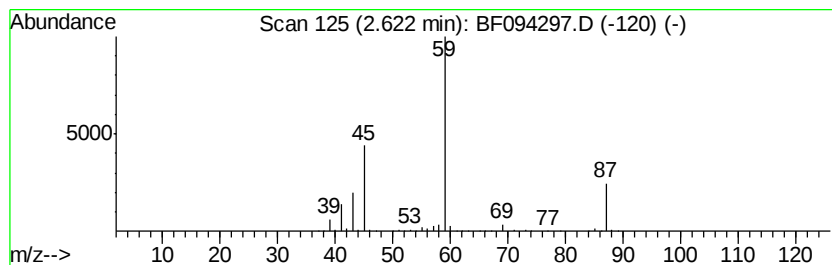
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanol, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.62	63.85 ng	2955790	1,4-Dichlorobenzene-d4	5.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	78
2			2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	53
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	43
4			2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	33
5			Propanoic acid, 2-hydroxy-2-methyl-	118	C5H10O3	002110-78-3	23



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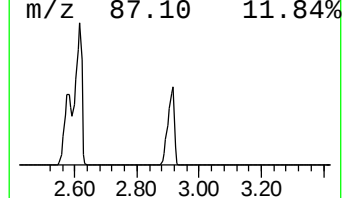
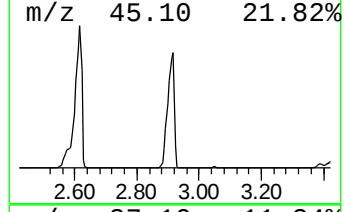
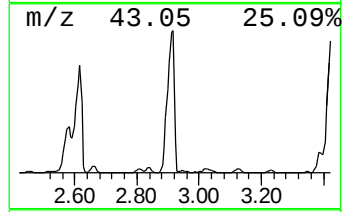
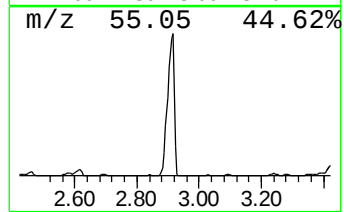
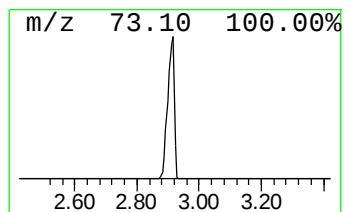
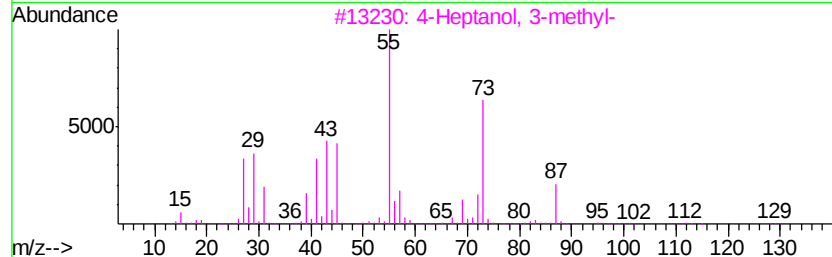
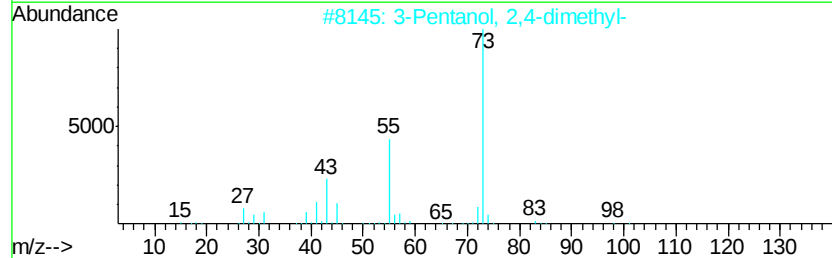
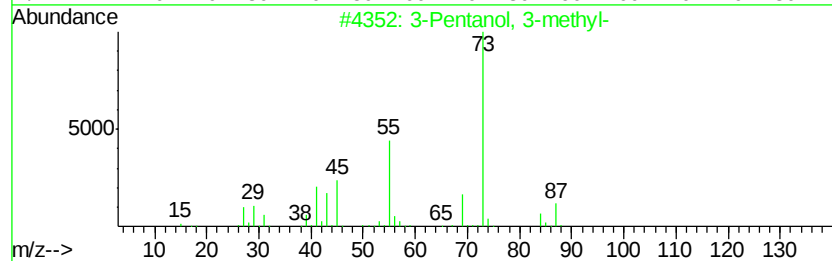
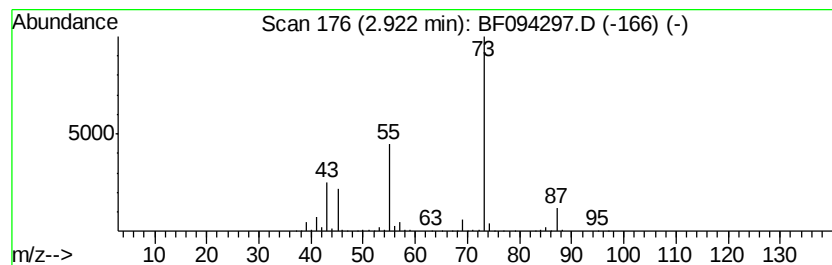
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Peak Number 3 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	86.69 ng	4013040	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	64
2		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	47
3		4-Heptanol, 3-methyl-	130	C8H18O	001838-73-9	39
4		1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	38
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040717\
Data File : BF094297.D
Acq On : 8 Apr 2017 3:55
Operator : SJ/MA
Sample : I2593-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

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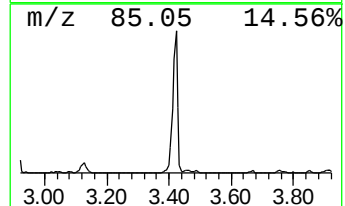
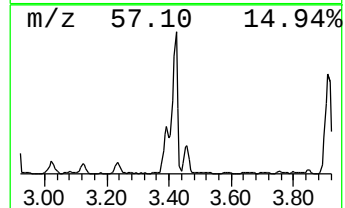
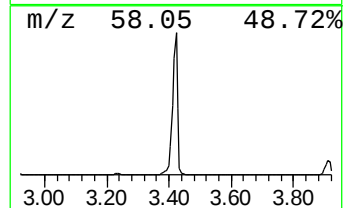
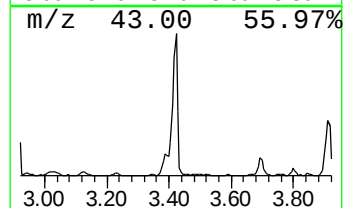
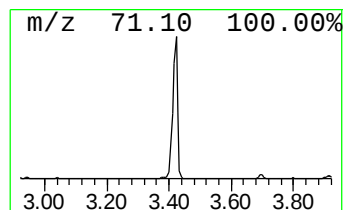
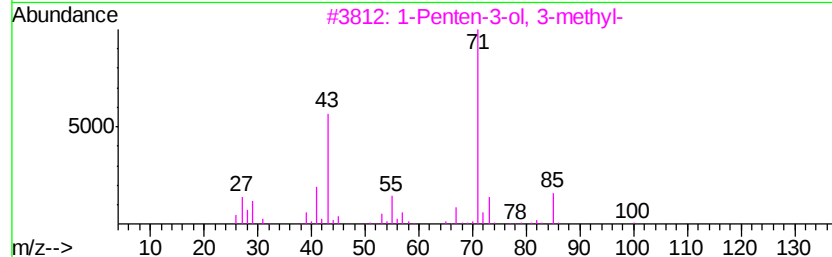
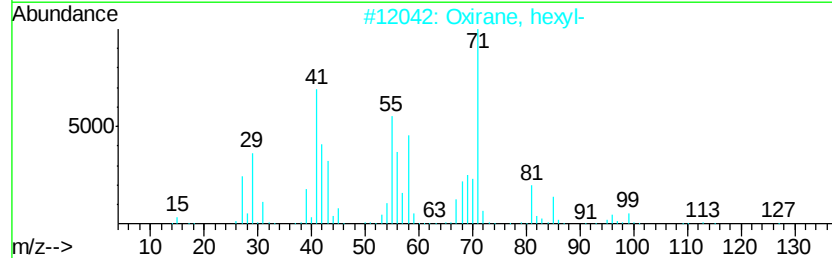
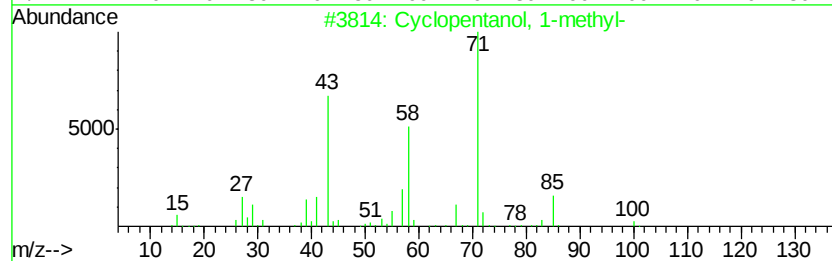
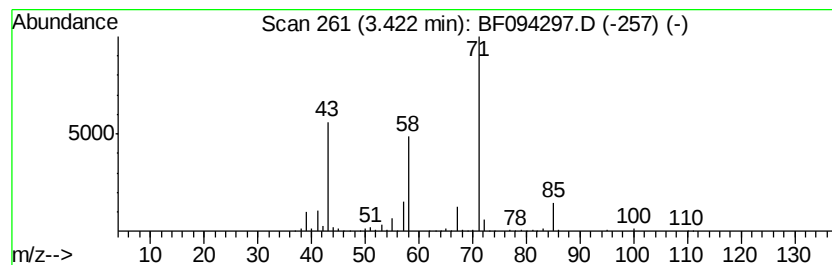
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclopentanol, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	33.35 ng	1544010	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	91
2		Oxirane, hexyl-	128	C8H16O	002984-50-1	56
3		1-Penten-3-ol, 3-methyl-	100	C6H12O	000918-85-4	53
4		Valeric acid, 2-tetrahydrofurylm...	186	C10H18O3	005451-86-5	47
5		Propanoic acid, 2-methyl-, anhyd...	158	C8H14O3	000097-72-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094297.D
Acq On : 8 Apr 2017 3:55
Operator : SJ/MA
Sample : I2593-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

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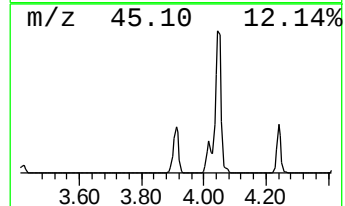
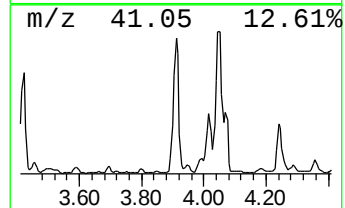
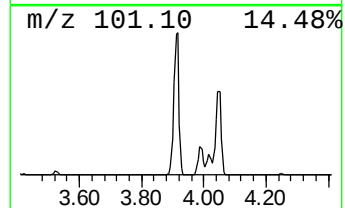
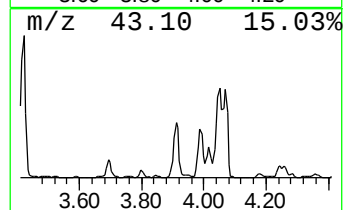
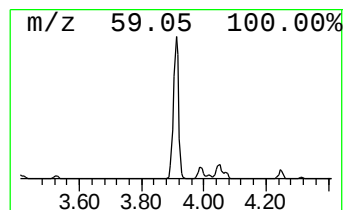
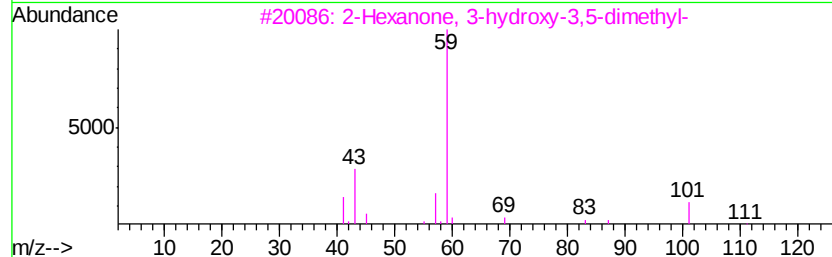
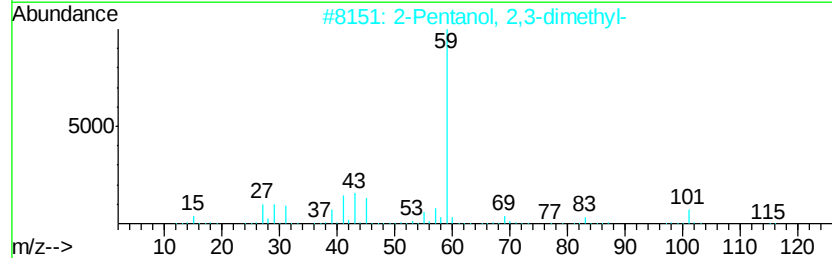
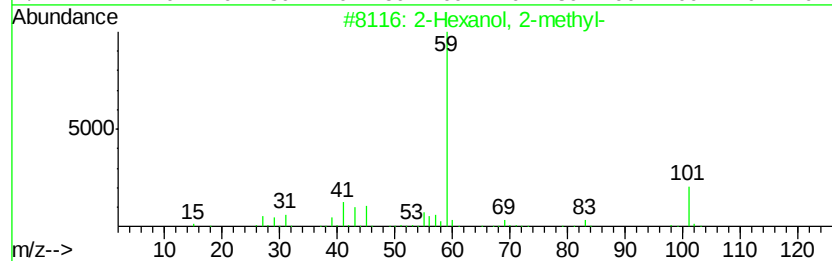
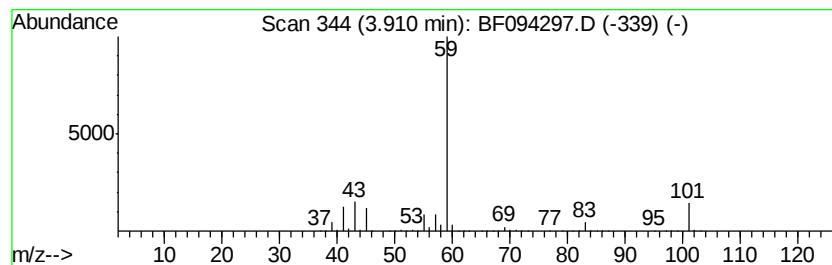
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Hexanol, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	36.11 ng	1671620	1,4-Dichlorobenzene-d4	5.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-			116	C7H16O	000625-23-0	74
2	2-Pentanol, 2,3-dimethyl-			116	C7H16O	004911-70-0	64
3	2-Hexanone, 3-hydroxy-3,5-dimethyl-			144	C8H16O2	006321-14-8	50
4	Ethanol, pentamethyl-			116	C7H16O	000594-83-2	50
5	2-Butanol, 2,3-dimethyl-			102	C6H14O	000594-60-5	39



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040717\
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Acq On : 8 Apr 2017 3:55
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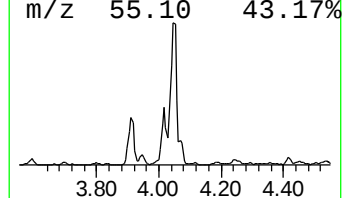
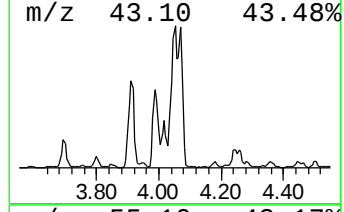
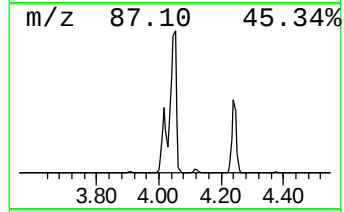
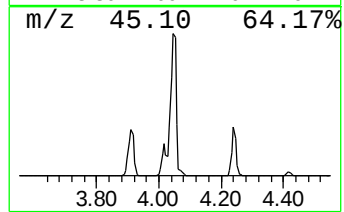
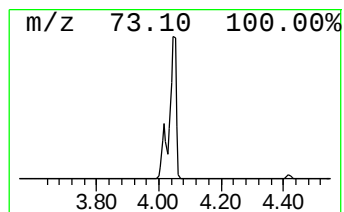
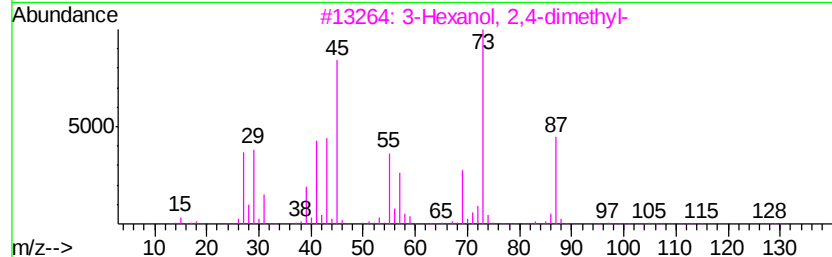
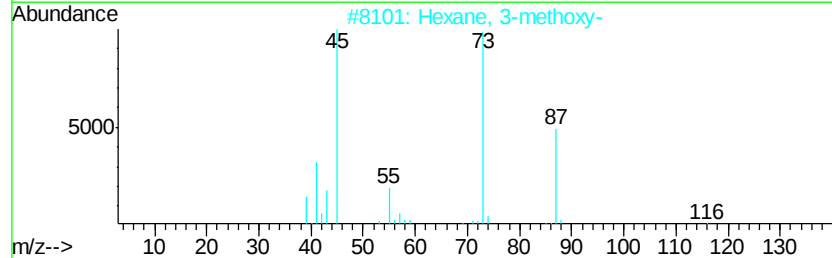
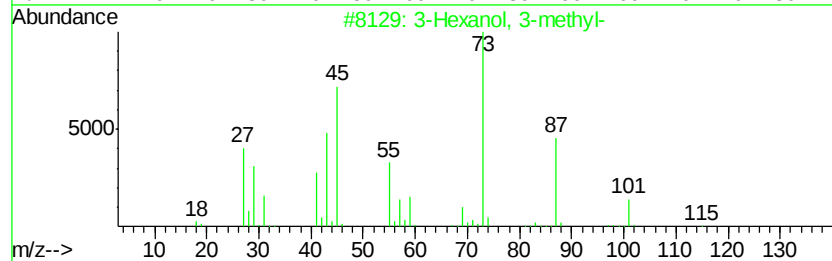
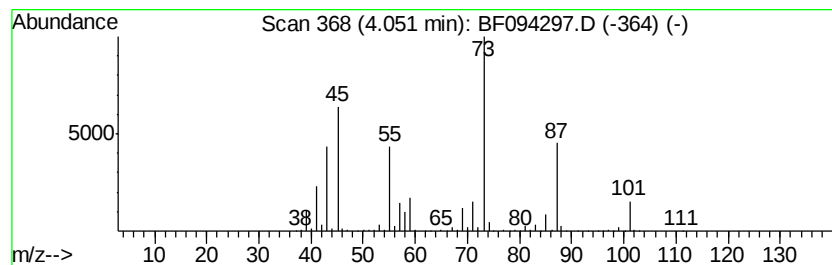
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 3-Hexanol, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.05	41.15 ng	1905080	1,4-Dichlorobenzene-d4	5.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	80
2	Hexane, 3-methoxy-	116	C7H16O	054658-01-4	50
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	42
4	4-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-79-2	38
5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040717\
Data File : BF094297.D
Acq On : 8 Apr 2017 3:55
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Instrument :
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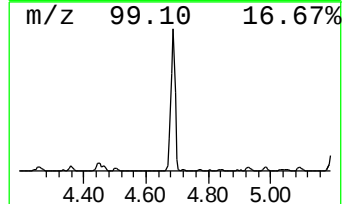
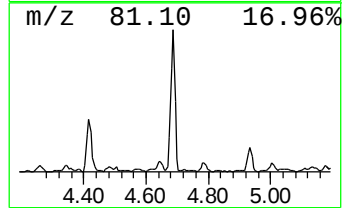
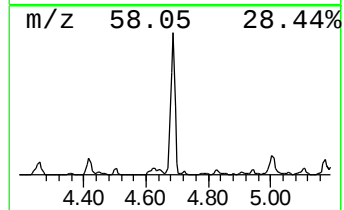
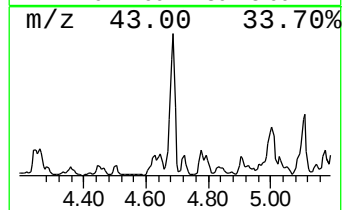
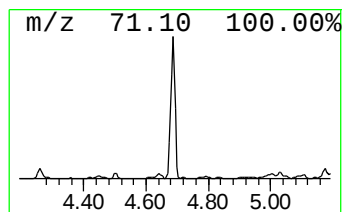
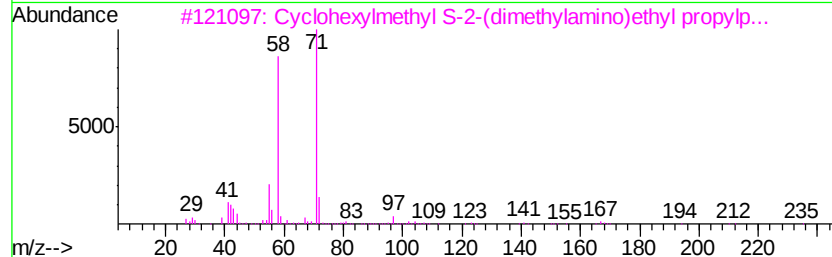
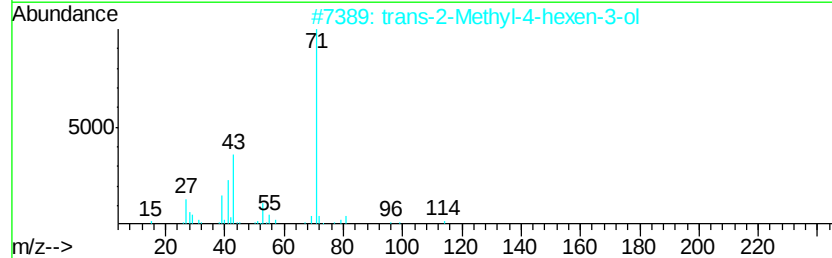
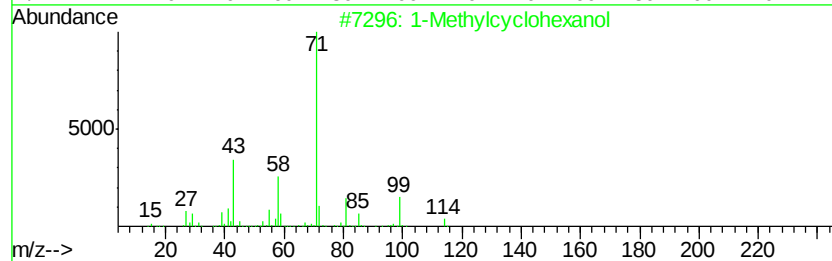
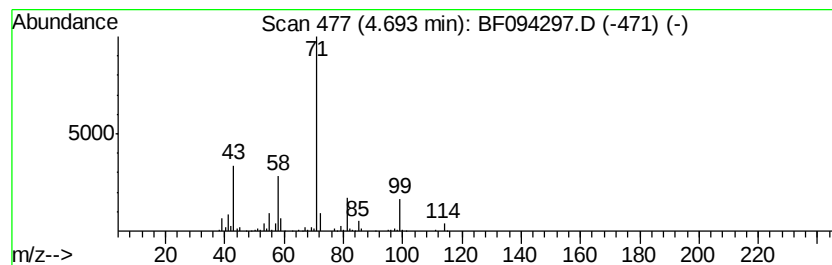
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Methylcyclohexanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	18.81 ng	870708	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methylcyclohexanol	114	C7H14O	000590-67-0	95
2		trans-2-Methyl-4-hexen-3-ol	114	C7H14O	096346-76-8	50
3		Cyclohexylmethyl S-2-(dimethylamino)ethyl propylp...	307	C14H30N02PS	1000298-43-5	45
4		4-Hexen-3-ol, 2-methyl-	114	C7H14O	004798-60-1	36
5		3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	33



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040717\
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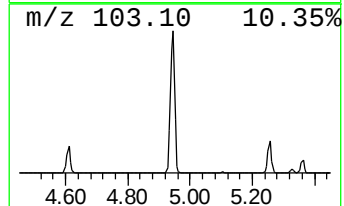
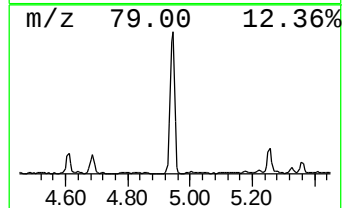
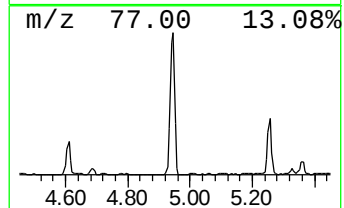
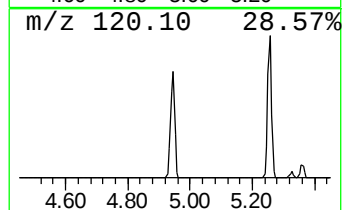
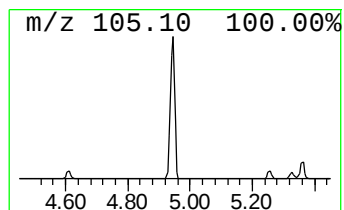
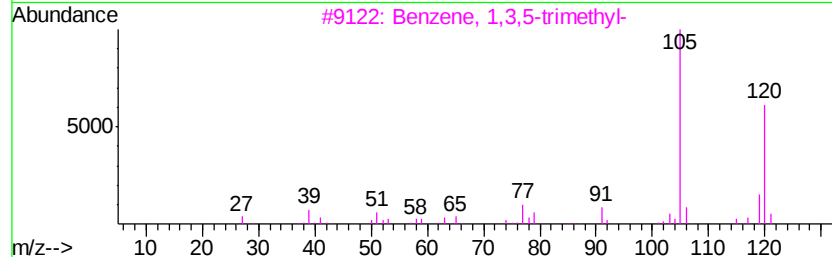
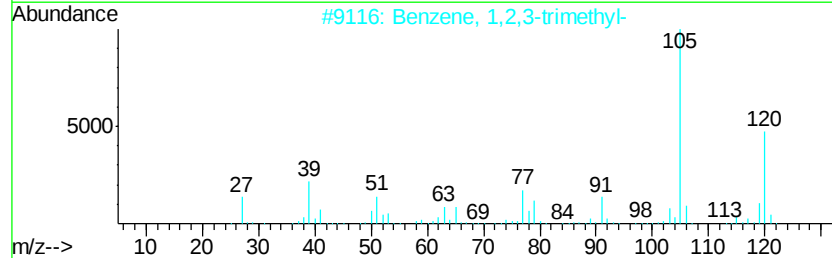
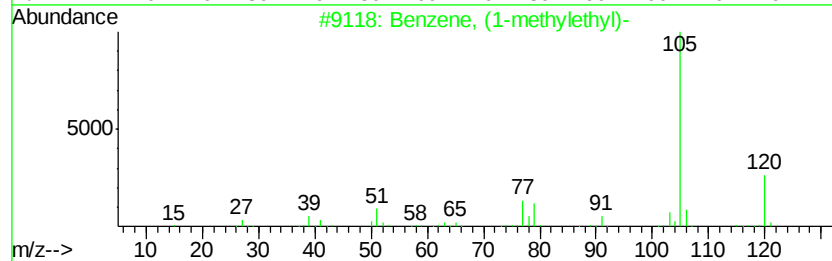
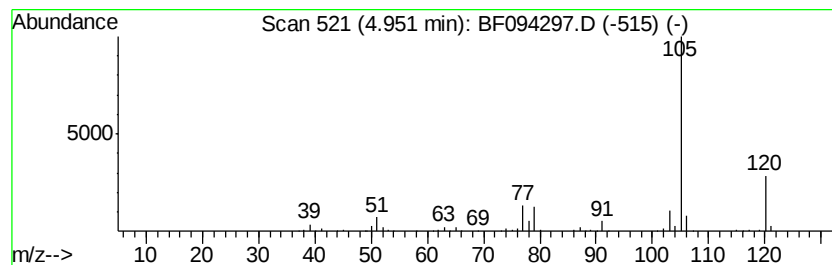
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, (1-methylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	23.90 ng	1106400	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	83
4		2,4-Nonadiyne	120	C9H12	063621-15-8	83
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
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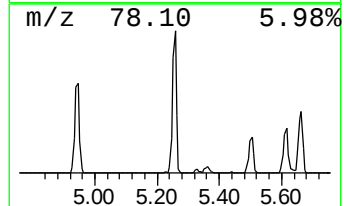
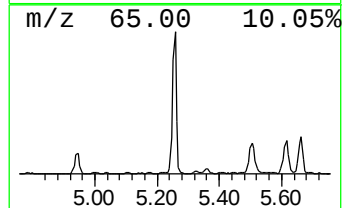
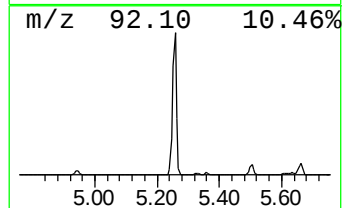
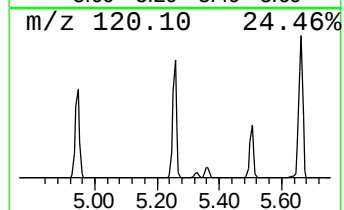
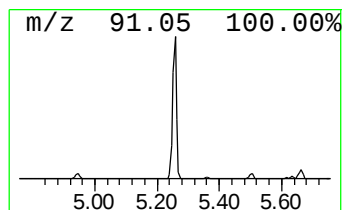
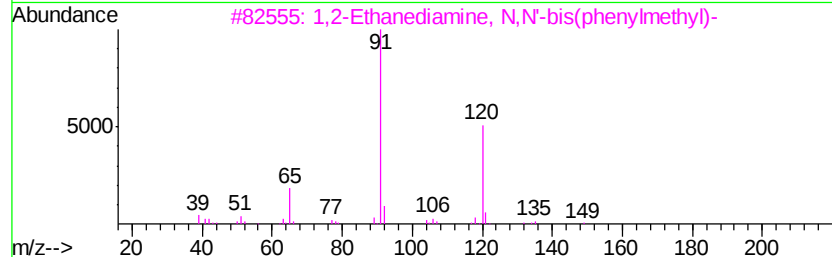
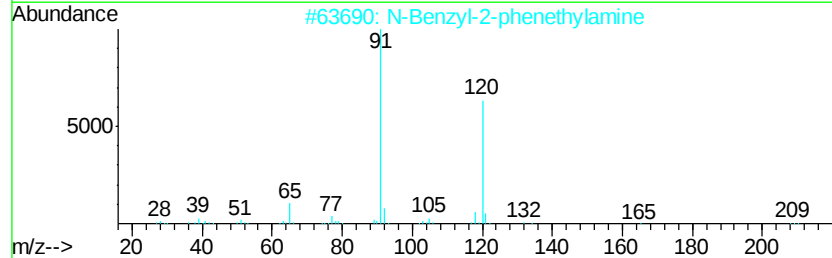
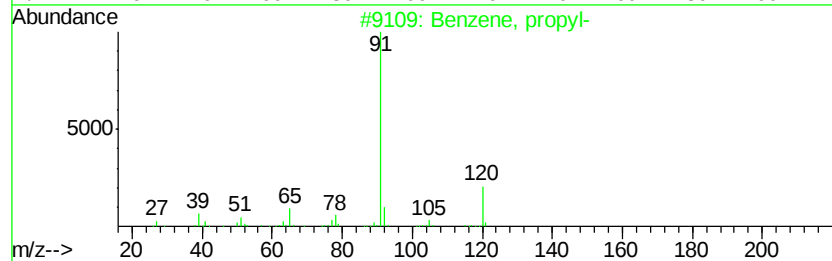
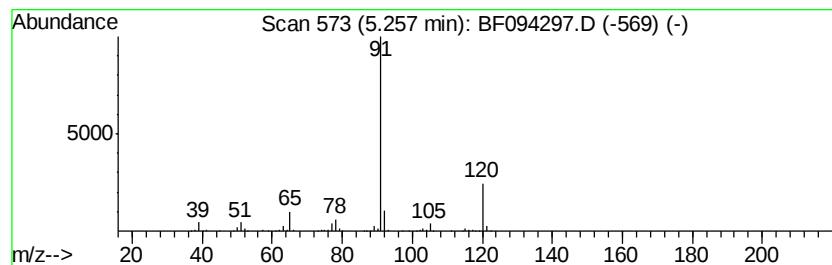
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	26.67 ng	1234500	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	90
2		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
3		1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
4		Propanenitrile, 3-[(phenylmethyl)...	160	C10H12N2	000706-03-6	59
5		Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	50



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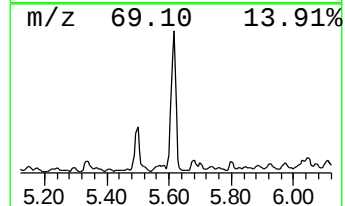
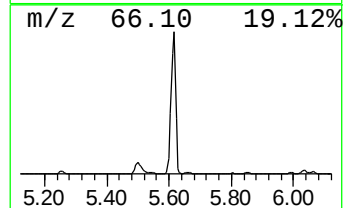
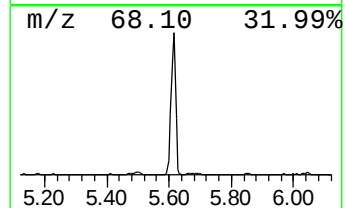
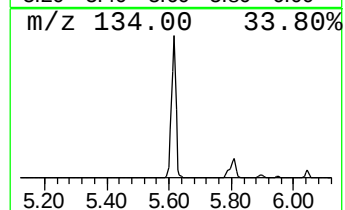
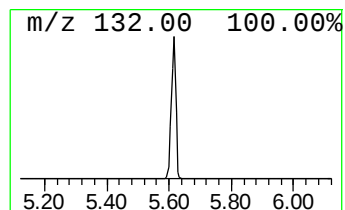
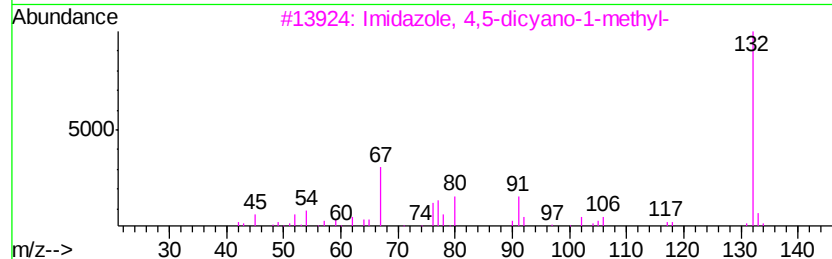
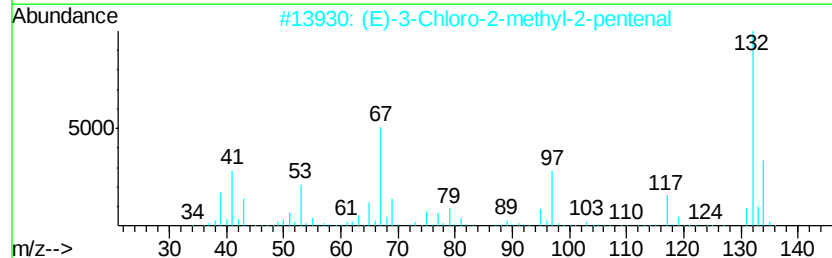
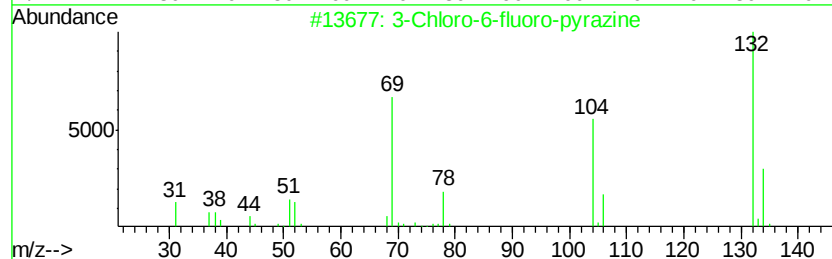
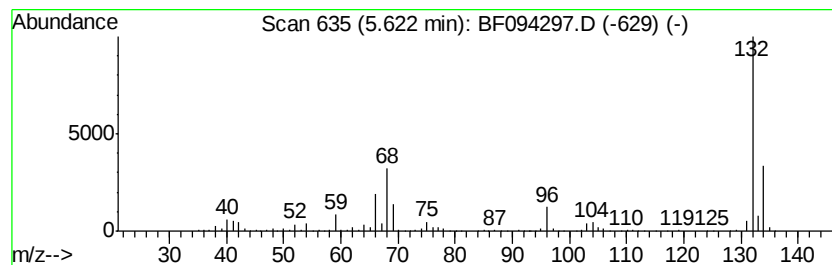
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown5.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	65.88 ng	3049850	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040717\
Data File : BF094297.D
Acq On : 8 Apr 2017 3:55
Operator : SJ/MA
Sample : I2593-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-10

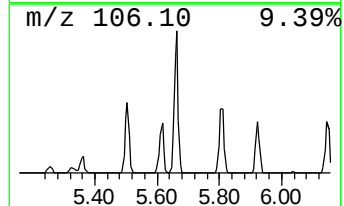
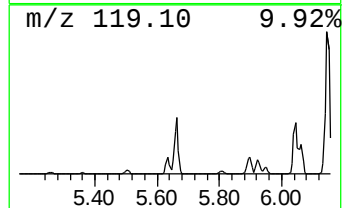
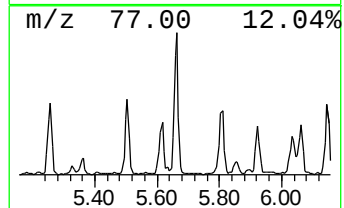
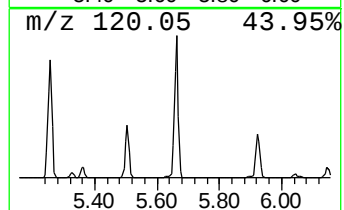
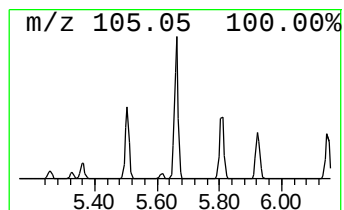
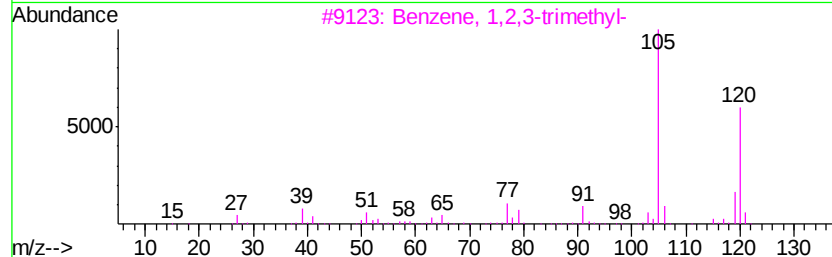
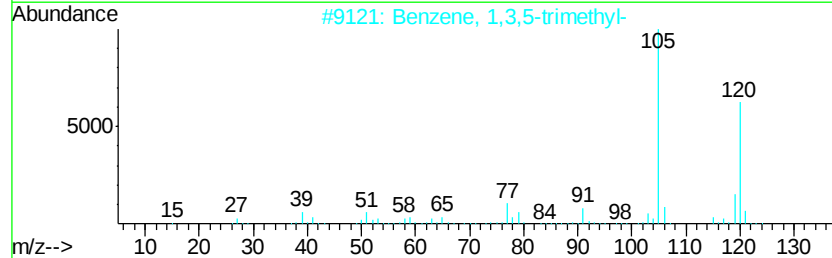
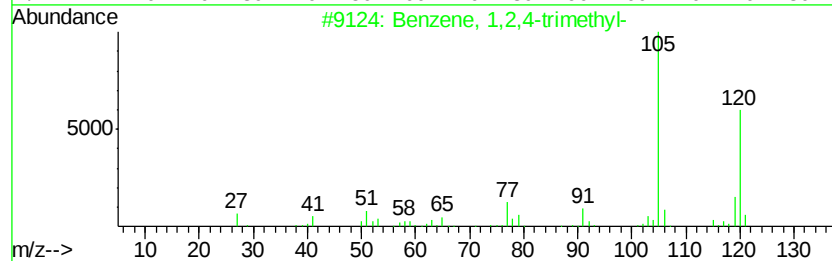
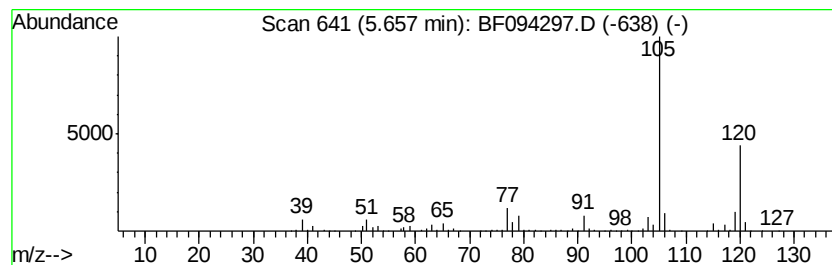
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,2,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	27.29 ng	1263230	1,4-Dichlorobenzene-d4	5.85

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040717\
Data File : BF094297.D
Acq On : 8 Apr 2017 3:55
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Sample : I2593-01
Misc :
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Instrument :
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ClientSampleId :
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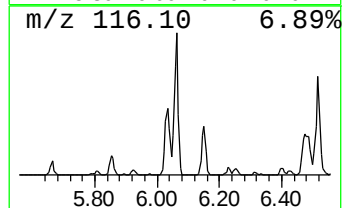
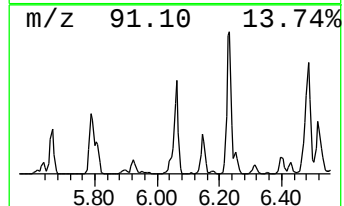
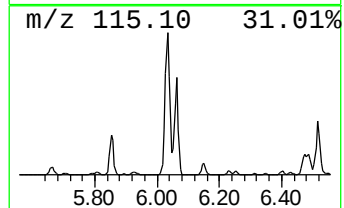
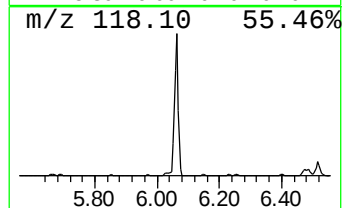
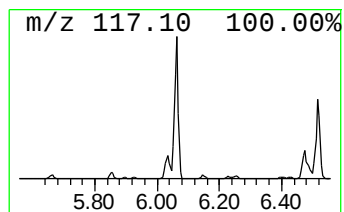
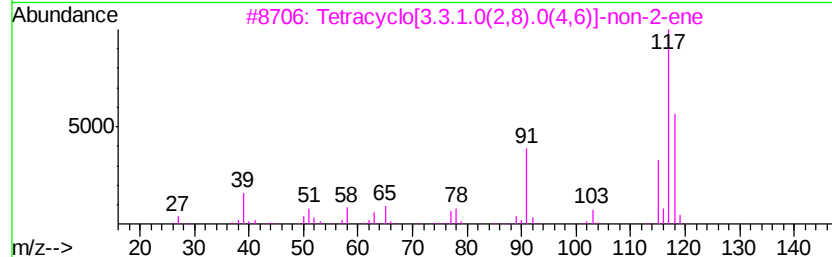
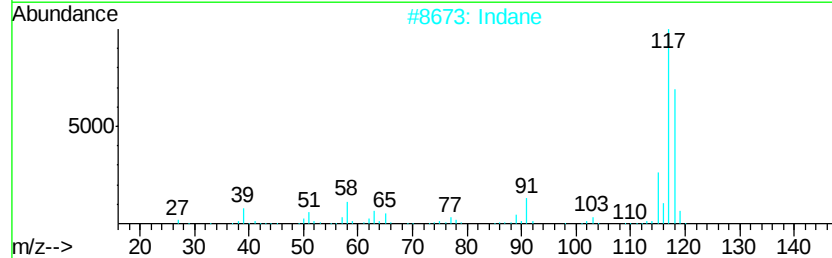
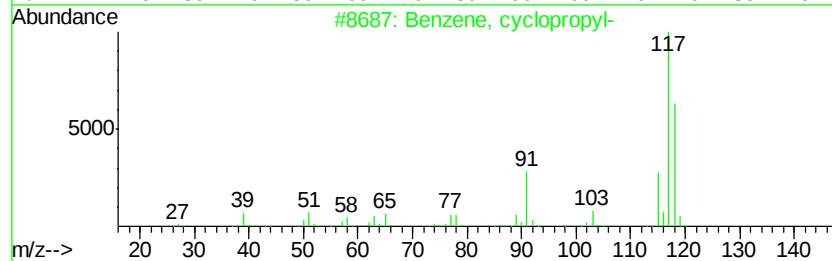
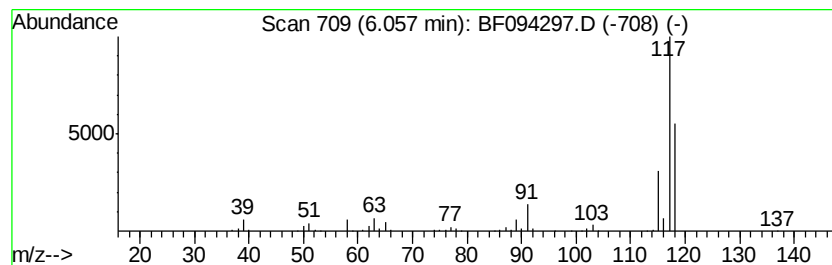
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzene, cyclopropyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	33.06 ng	1530540	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, cvclopropyl-	118	C9H10	000873-49-4	64
2		Indane	118	C9H10	000496-11-7	64
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	64
4		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5		Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
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Misc :
ALS Vial : 30 Sample Multiplier: 1

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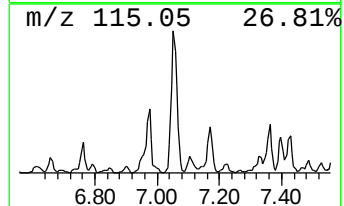
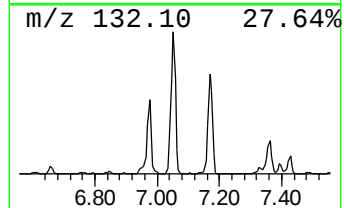
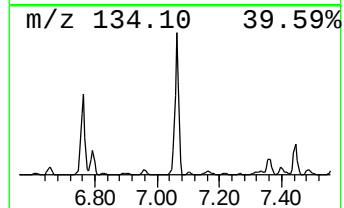
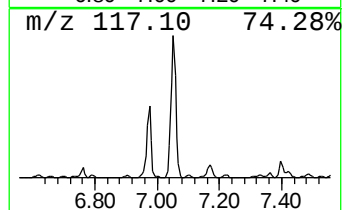
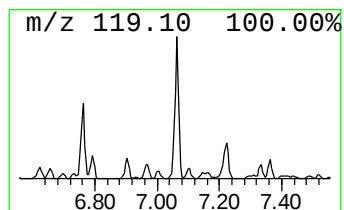
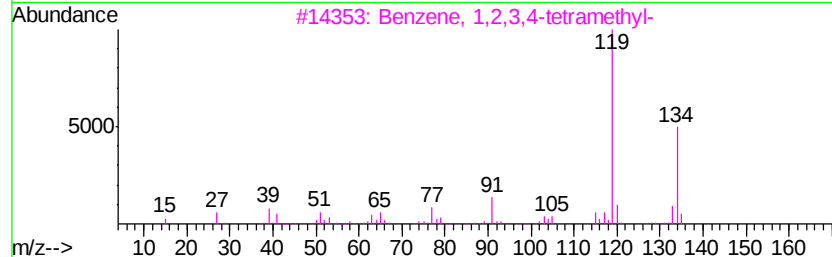
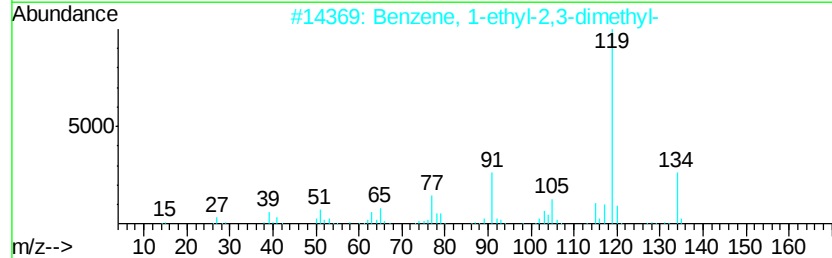
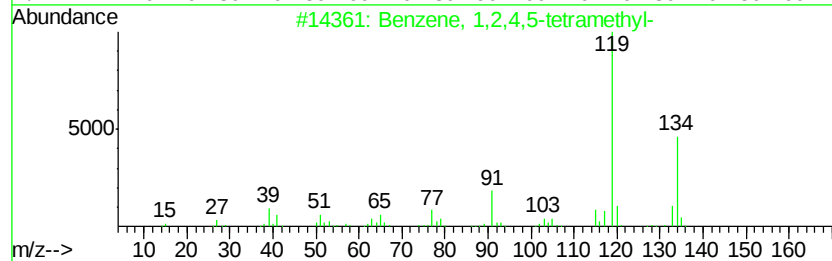
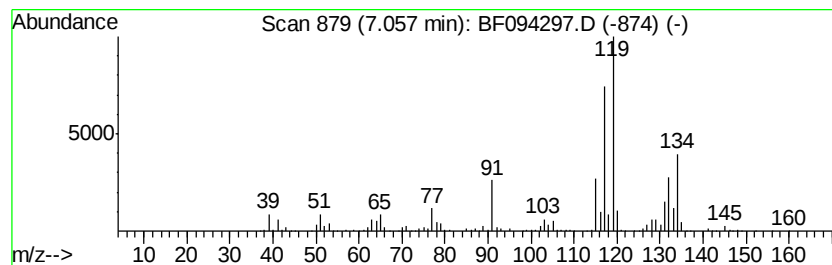
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	29.07 ng	3573030	Naphthalene-d8	7.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040717\
Data File : BF094297.D
Acq On : 8 Apr 2017 3:55
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Misc :
ALS Vial : 30 Sample Multiplier: 1

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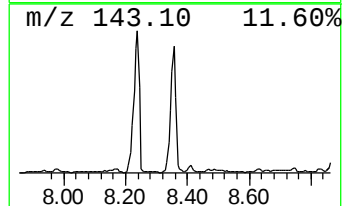
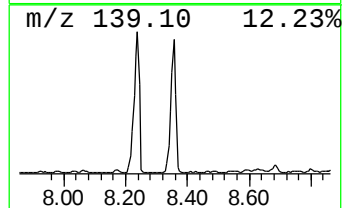
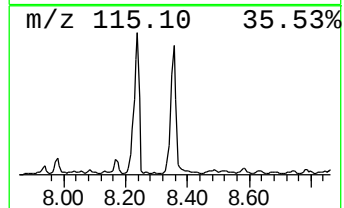
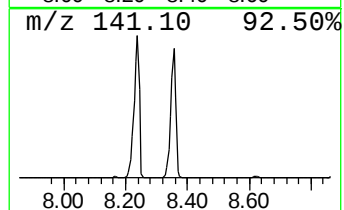
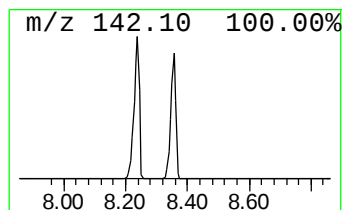
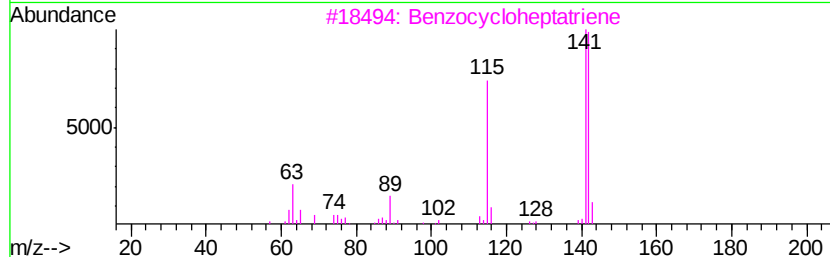
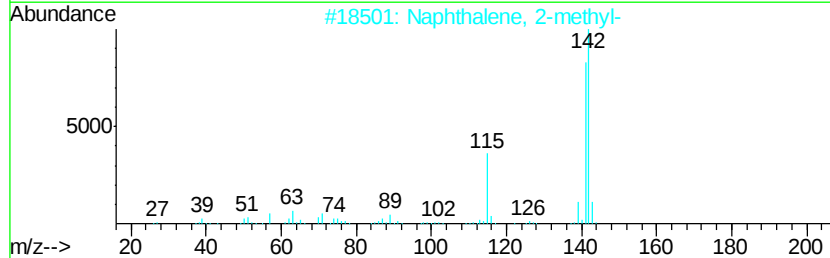
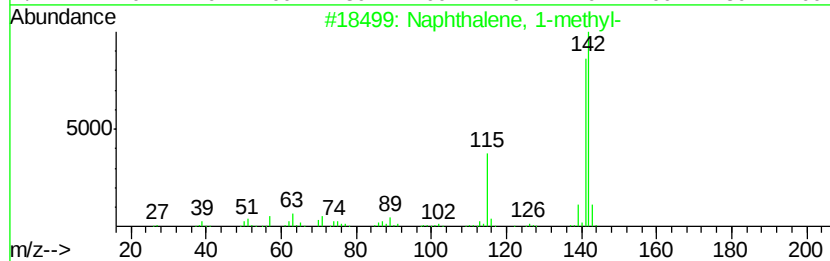
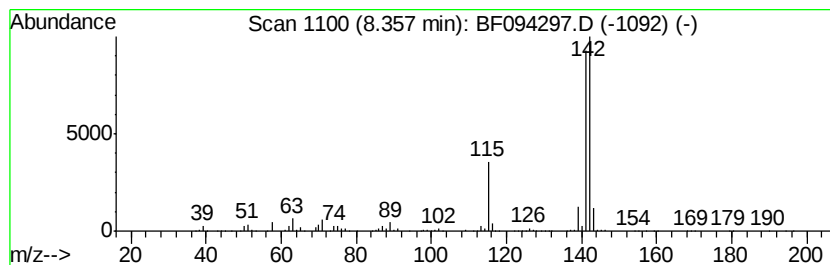
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	47.07 ng	5785810	Naphthalene-d8	7.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
Data File : BF094297.D
Acq On : 8 Apr 2017 3:55
Operator : SJ/MA
Sample : I2593-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

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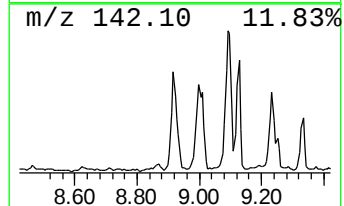
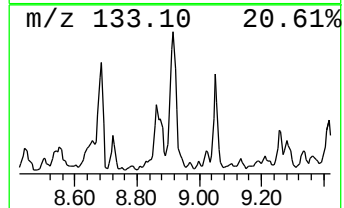
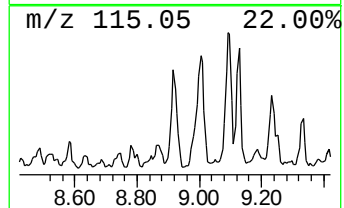
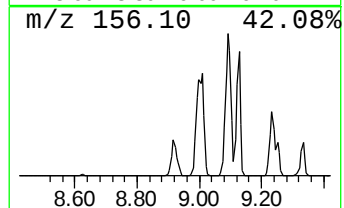
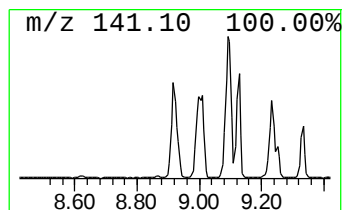
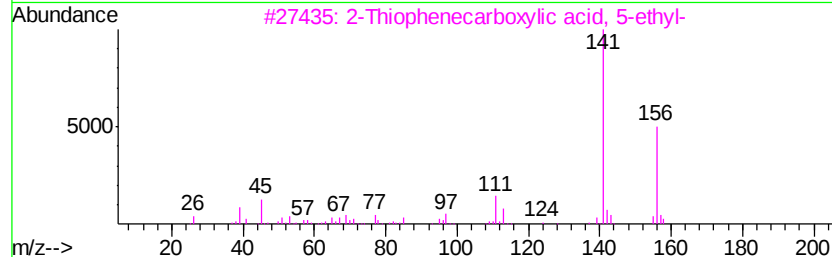
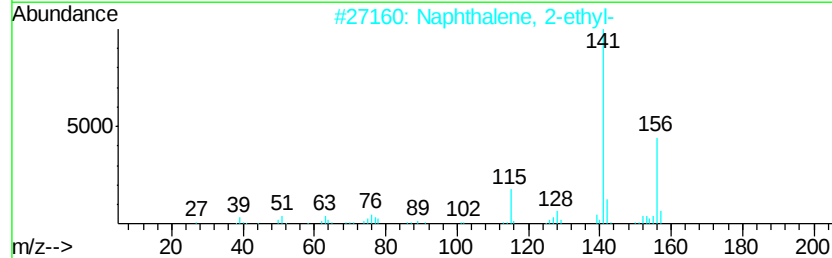
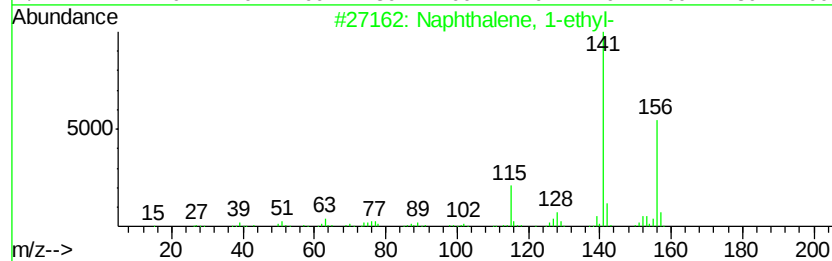
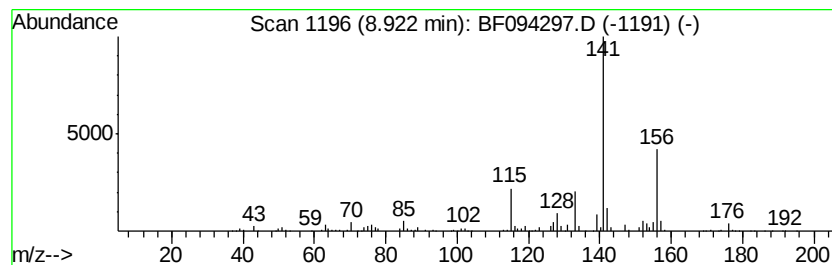
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	20.04 ng	1844640	Acenaphthene-d10	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3		2-Thiophenecarboxylic acid, 5-ethyl-	156	C7H8O2S	023229-72-3	53
4		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	43
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040717\
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Acq On : 8 Apr 2017 3:55
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Sample : I2593-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

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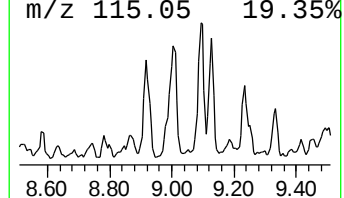
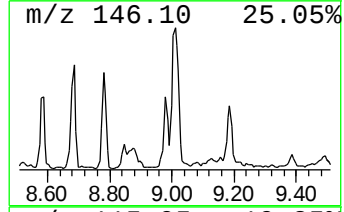
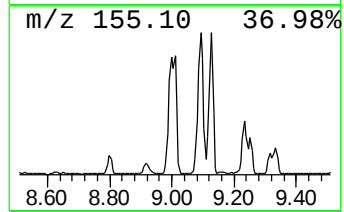
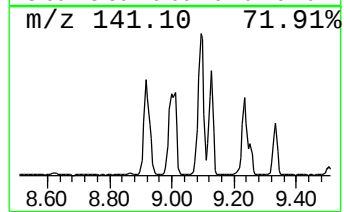
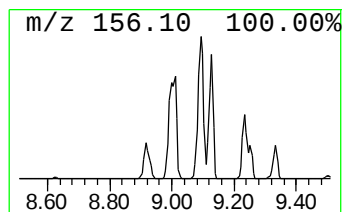
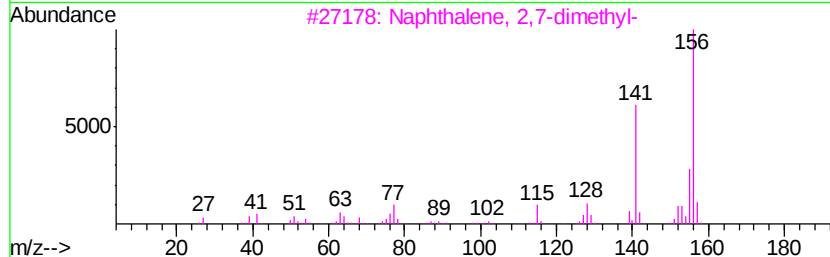
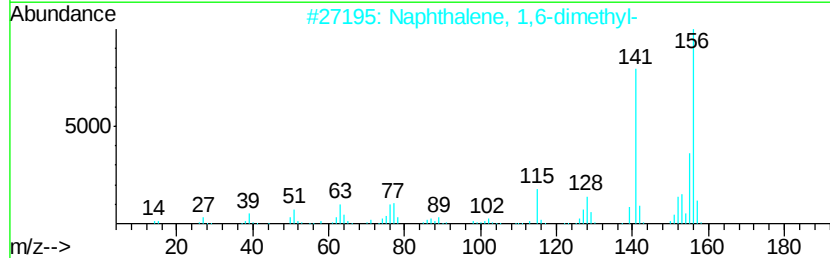
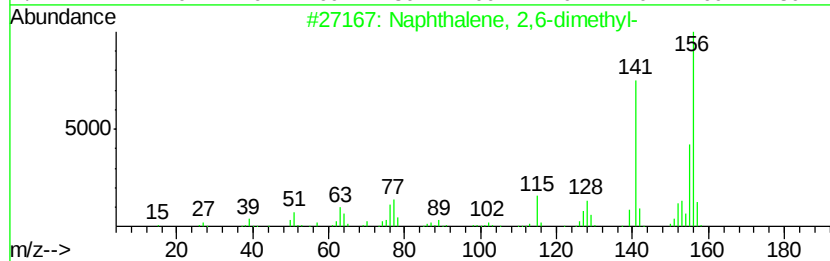
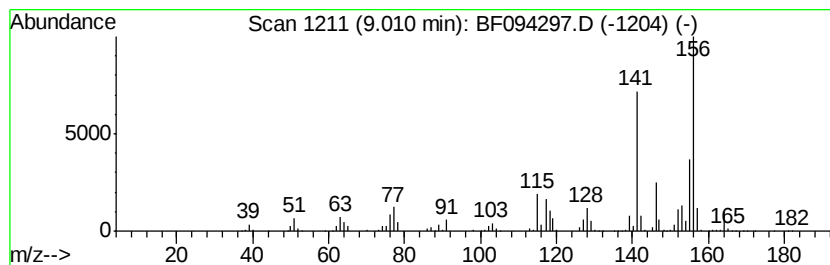
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	32.56 ng	2997390	Acenaphthene-d10	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040717\
 Data File : BF094297.D
 Acq On : 8 Apr 2017 3:55
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 Sample : I2593-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-10

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
2-Butanol, 2,3-di...	2.58	37.5	ng	1738400	1	5.85	925866	20.0
2-Pentanol, 2-met...	2.62	63.9	ng	2955790	1	5.85	925866	20.0
3-Pentanol, 3-met...	2.92	86.7	ng	4013040	1	5.85	925866	20.0
Cyclopentanol, 1-...	3.42	33.4	ng	1544010	1	5.85	925866	20.0
2-Hexanol, 2-methyl-	3.91	36.1	ng	1671620	1	5.85	925866	20.0
3-Hexanol, 3-methyl-	4.05	41.1	ng	1905080	1	5.85	925866	20.0
1-Methylcyclohexanol	4.69	18.8	ng	870708	1	5.85	925866	20.0
Benzene, (1-methy...	4.95	23.9	ng	1106400	1	5.85	925866	20.0
Benzene, propyl-	5.26	26.7	ng	1234500	1	5.85	925866	20.0
unknown5.62	5.62	65.9	ng	3049850	1	5.85	925866	20.0
Benzene, 1,2,4-tr...	5.66	27.3	ng	1263230	1	5.85	925866	20.0
Benzene, cyclopro...	6.06	33.1	ng	1530540	1	5.85	925866	20.0
Benzene, 1,2,4,5-...	7.06	29.1	ng	3573030	2	7.36	2458600	20.0
Naphthalene, 1-me...	8.36	47.1	ng	5785810	2	7.36	2458600	20.0
Naphthalene, 1-et...	8.92	20.0	ng	1844640	3	9.50	1841100	20.0
Naphthalene, 2,6-...	9.01	32.6	ng	2997390	3	9.50	1841100	20.0