

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
 Data File : BF096452.D
 Acq On : 3 Jul 2017 20:20
 Operator : SJ/MA
 Sample : I3991-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062917-B

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.904	474	479	486	rBV	284295	354564	4.72%	0.234%
2	5.334	547	552	555	rBV	2203449	2080115	27.66%	1.372%
3	5.987	659	663	669	rVB2	520483	669907	8.91%	0.442%
4	6.175	689	695	698	rBV2	395253	510335	6.79%	0.337%
5	6.269	708	711	714	rBV2	645601	725986	9.65%	0.479%
6	6.334	719	722	724	rBV	730783	732800	9.75%	0.483%
7	6.363	724	727	730	rBV	2002479	1876813	24.96%	1.238%
8	6.498	742	750	755	rBV2	2376687	3221731	42.85%	2.125%
9	6.581	759	764	769	rVB	2688883	2602851	34.61%	1.717%
10	6.681	776	781	783	rBV3	247761	399350	5.31%	0.263%
11	6.728	787	789	792	rVB	1001784	738434	9.82%	0.487%
12	6.757	792	794	797	rVB2	1546688	1356394	18.04%	0.895%
13	6.792	797	800	805	rBV3	748861	1018214	13.54%	0.672%
14	6.886	813	816	820	rVB2	2390112	2267745	30.16%	1.496%
15	6.922	820	822	825	rVB	482024	410144	5.45%	0.271%
16	6.981	828	832	834	rBV3	519134	685852	9.12%	0.452%
17	7.022	834	839	841	rVB2	1271456	1654335	22.00%	1.091%
18	7.051	841	844	847	rVB2	1735050	1484281	19.74%	0.979%
19	7.086	847	850	854	rBV	1655299	1641337	21.83%	1.083%
20	7.134	854	858	860	rBV	2576633	2488698	33.10%	1.641%
21	7.286	877	884	888	rBV5	1775157	3362221	44.71%	2.218%
22	7.322	888	890	891	rBV	528378	402818	5.36%	0.266%
23	7.351	891	895	897	rVB	4732463	4730448	62.91%	3.120%
24	7.386	897	901	905	rVB4	1324350	1950155	25.93%	1.286%
25	7.422	905	907	910	rBV3	791120	936185	12.45%	0.617%
26	7.457	910	913	916	rVB	1282215	1319842	17.55%	0.871%
27	7.504	916	921	923	rBV5	622312	873176	11.61%	0.576%
28	7.533	923	926	932	rVB3	1763911	3004805	39.96%	1.982%
29	7.581	932	934	937	rBV	560916	501189	6.67%	0.331%
30	7.663	939	948	952	rBV6	1330681	3946371	52.48%	2.603%
31	7.710	952	956	959	rBV2	1675886	2063144	27.44%	1.361%
32	7.745	959	962	966	rBV4	1733312	2082156	27.69%	1.373%
33	7.781	966	968	972	rVB2	2257636	2314201	30.78%	1.526%
34	7.828	972	976	978	rBV	2132712	2190348	29.13%	1.445%

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35	7.892	984	987	989	rBV	846716	924723	12.30%	0.610%
36	7.916	989	991	995	rVV2	704635	1095453	14.57%	0.723%
37	7.963	996	999	1000	rVV	994005	876456	11.66%	0.578%
38	7.981	1000	1002	1004	rVV	1334744	1378152	18.33%	0.909%
39	8.022	1004	1009	1011	rVV2	5386446	7519449	100.00%	4.960%
40	8.039	1011	1012	1015	rVV3	998395	1324162	17.61%	0.873%
41	8.069	1015	1017	1019	rVV2	1310193	1473339	19.59%	0.972%
42	8.098	1019	1022	1024	rVV	3245149	3322945	44.19%	2.192%
43	8.116	1024	1025	1028	rVV2	1084249	1133174	15.07%	0.747%
44	8.145	1028	1030	1033	rVB3	1047341	819494	10.90%	0.541%
45	8.192	1033	1038	1040	rBV3	1081179	1623134	21.59%	1.071%
46	8.216	1040	1042	1043	rVV	991744	826373	10.99%	0.545%
47	8.233	1043	1045	1047	rVV	1145382	1013823	13.48%	0.669%
48	8.263	1047	1050	1052	rVV2	887470	839217	11.16%	0.554%
49	8.316	1054	1059	1063	rVV5	1981019	3784898	50.33%	2.496%
50	8.375	1066	1069	1071	rBV2	1745943	1363710	18.14%	0.899%
51	8.410	1071	1075	1078	rVB3	2348557	2397317	31.88%	1.581%
52	8.457	1078	1083	1087	rBV2	3672972	4690866	62.38%	3.094%
53	8.522	1091	1094	1098	rBV2	1281243	1388076	18.46%	0.916%
54	8.569	1099	1102	1103	rBV2	579694	506033	6.73%	0.334%
55	8.628	1107	1112	1115	rVV	4798029	5662209	75.30%	3.735%
56	8.680	1118	1121	1123	rVV3	1548909	1627109	21.64%	1.073%
57	8.716	1124	1127	1130	rVB2	1785616	2167472	28.82%	1.430%
58	8.780	1134	1138	1141	rBV5	451022	622458	8.28%	0.411%
59	8.816	1142	1144	1146	rBV	352973	366292	4.87%	0.242%
60	8.839	1146	1148	1153	rVB4	1049372	1257516	16.72%	0.829%
61	8.904	1156	1159	1161	rBV	1562200	1453799	19.33%	0.959%
62	8.922	1161	1162	1166	rVV3	850174	915517	12.18%	0.604%
63	8.951	1166	1167	1170	rVB3	924437	547696	7.28%	0.361%
64	8.986	1170	1173	1176	rVB2	1837646	1582584	21.05%	1.044%
65	9.027	1177	1180	1182	rBV2	1361769	1325355	17.63%	0.874%
66	9.051	1182	1184	1187	rVB2	2844050	2473944	32.90%	1.632%
67	9.086	1187	1190	1196	rVB	1798616	1803211	23.98%	1.189%
68	9.133	1196	1198	1202	rVB4	488628	533383	7.09%	0.352%
69	9.186	1203	1207	1211	rBV	3947745	4865403	64.70%	3.209%
70	9.233	1212	1215	1216	rBV2	658997	739773	9.84%	0.488%
71	9.298	1224	1226	1229	rVB2	629011	564801	7.51%	0.373%

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72	9.345	1230	1234	1236	rVV2	419029	628300	8.36%	0.414%
73	9.369	1236	1238	1241	rVV3	464434	488475	6.50%	0.322%
74	9.410	1242	1245	1247	rVV4	536600	663673	8.83%	0.438%
75	9.433	1247	1249	1252	rVV	1001469	1442611	19.19%	0.951%
76	9.504	1255	1261	1263	rVV3	2519268	3902604	51.90%	2.574%
77	9.522	1263	1264	1268	rVV	1392739	1156965	15.39%	0.763%
78	9.557	1268	1270	1273	rVB2	805234	802397	10.67%	0.529%
79	9.680	1289	1291	1294	rBV2	467745	478461	6.36%	0.316%
80	9.716	1294	1297	1299	rVB	3026630	2727180	36.27%	1.799%
81	9.763	1300	1305	1309	rVV3	913731	1415577	18.83%	0.934%
82	9.939	1331	1335	1338	rBV3	566725	861566	11.46%	0.568%
83	9.969	1338	1340	1343	rVV2	554954	504187	6.71%	0.333%
84	10.033	1348	1351	1354	rVB2	829734	873740	11.62%	0.576%
85	10.210	1377	1381	1383	rVB	1749837	1504376	20.01%	0.992%
86	10.427	1414	1418	1421	rBV	828435	851381	11.32%	0.562%
87	10.545	1435	1438	1441	rVB2	1115375	983190	13.08%	0.648%
88	10.680	1457	1461	1470	rBV2	1194330	1821514	24.22%	1.201%
89	11.121	1533	1536	1539	rBV	801038	693850	9.23%	0.458%
90	11.157	1539	1542	1547	rVB	473111	495120	6.58%	0.327%
91	11.239	1553	1556	1558	rBV	763600	623444	8.29%	0.411%
92	11.551	1606	1609	1614	rVB	663398	616654	8.20%	0.407%
93	11.957	1675	1678	1684	rVB	555322	492166	6.55%	0.325%
94	12.327	1738	1741	1742	rBV2	418488	343949	4.57%	0.227%
95	12.345	1742	1744	1747	rVB	592736	537962	7.15%	0.355%
96	12.445	1758	1761	1764	rVB	386346	356355	4.74%	0.235%
97	12.827	1822	1826	1830	rBV	1551149	1623011	21.58%	1.070%
98	13.415	1923	1926	1929	rVB	379558	348241	4.63%	0.230%
99	13.868	2000	2003	2006	rBV2	493773	524682	6.98%	0.346%
100	14.362	2084	2087	2091	rBV	420578	448884	5.97%	0.296%

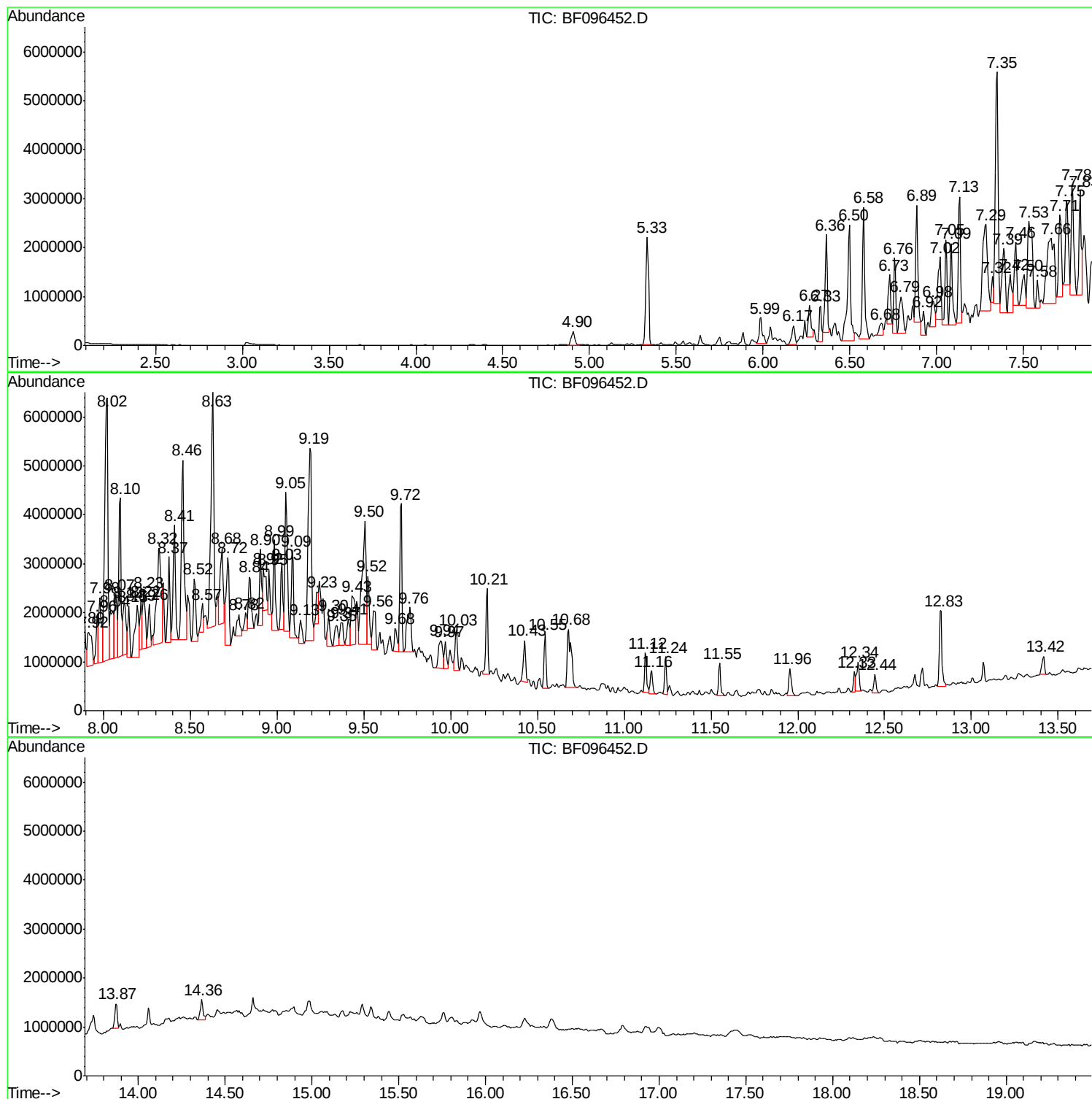
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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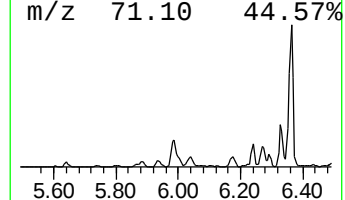
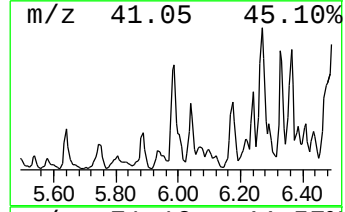
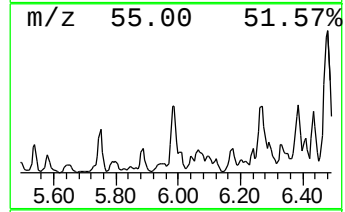
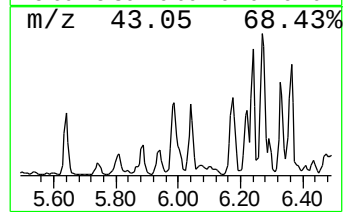
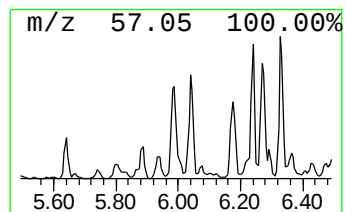
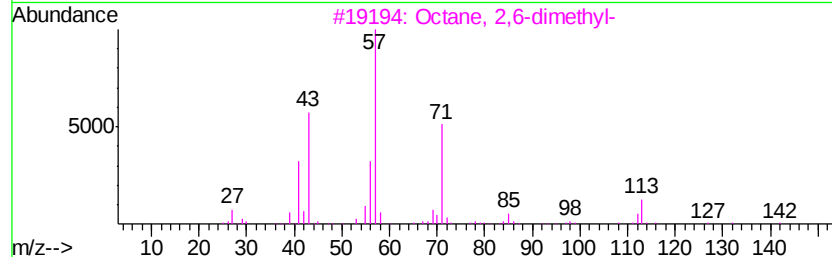
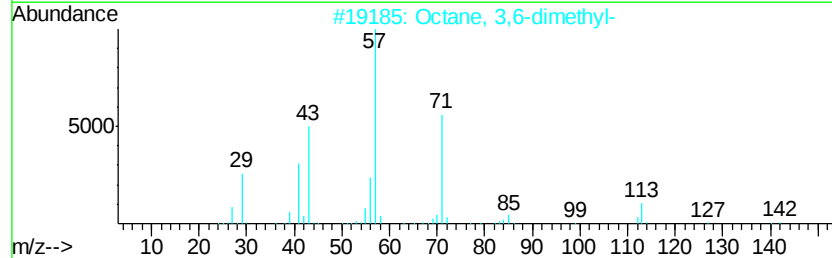
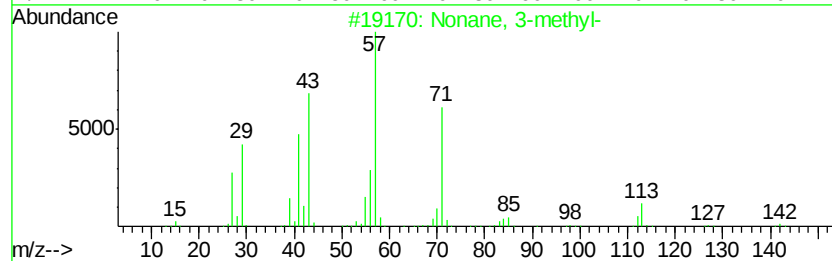
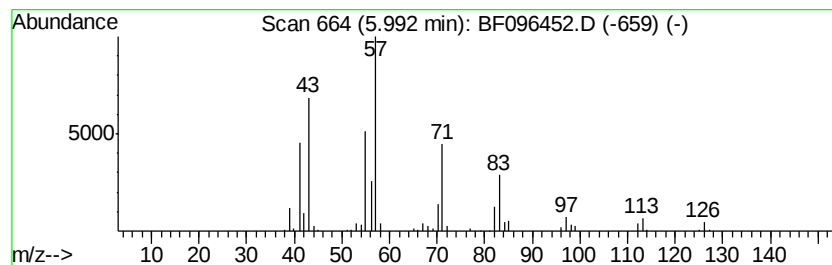
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.99	18.14 ng	669907	1,4-Dichlorobenzene-d4	6.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	50



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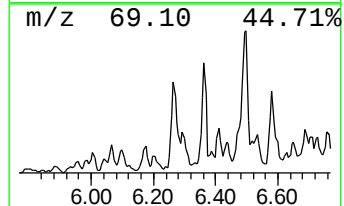
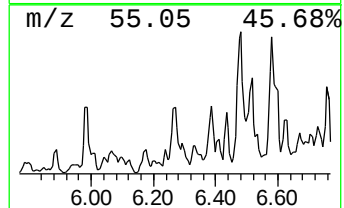
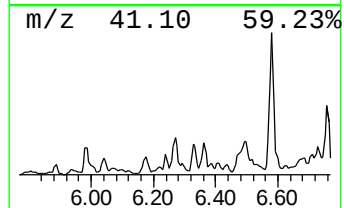
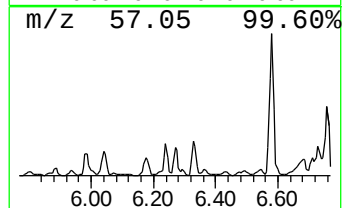
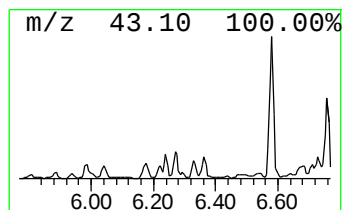
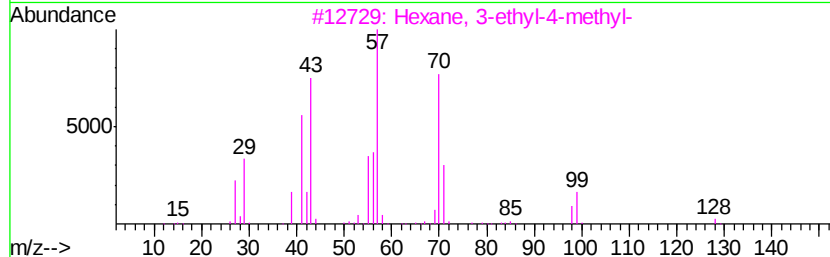
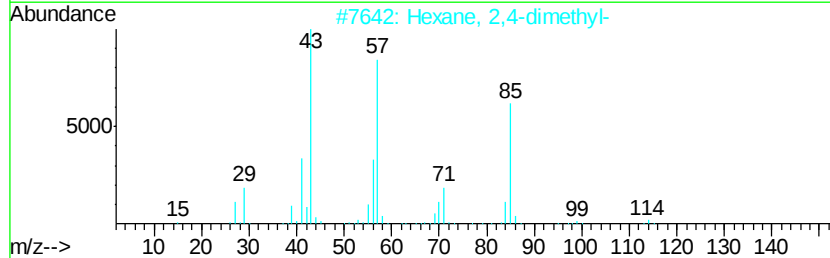
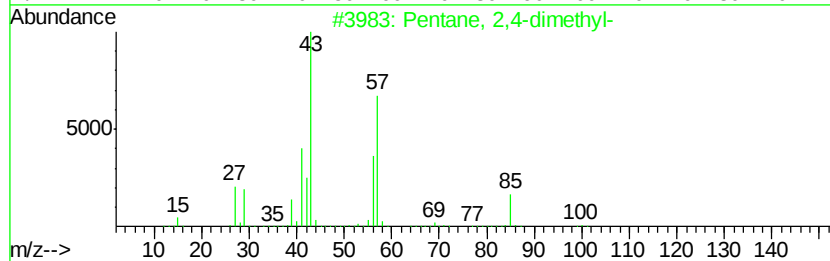
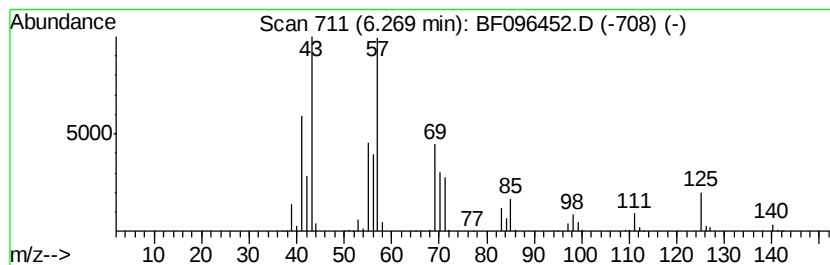
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.27 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	19.66 ng	725986	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	43
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
3		Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	43
4		1-Decene	140	C10H20	000872-05-9	38
5		1-Octene	112	C8H16	000111-66-0	38



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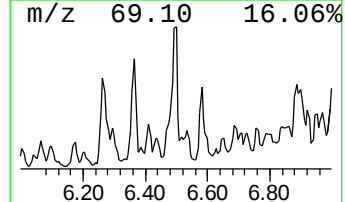
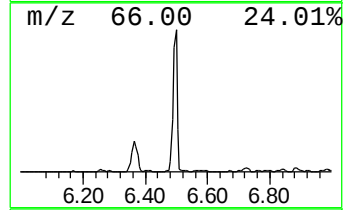
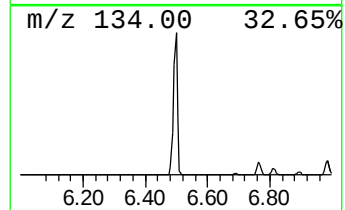
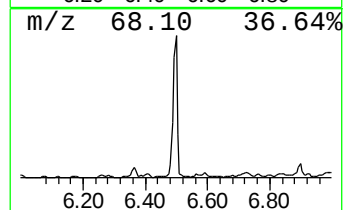
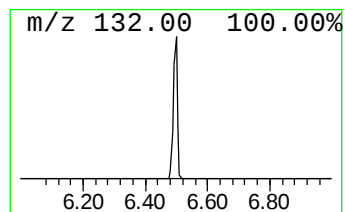
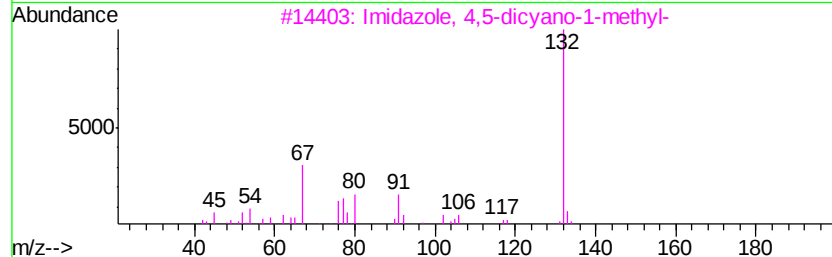
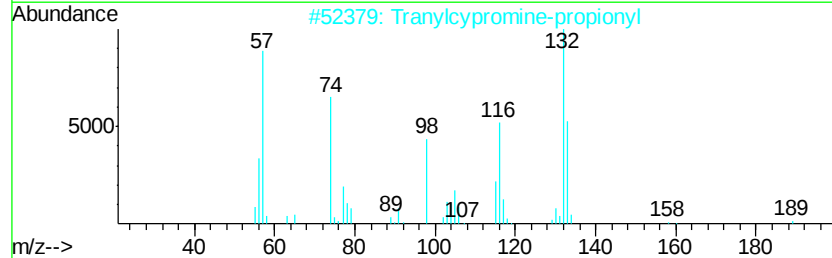
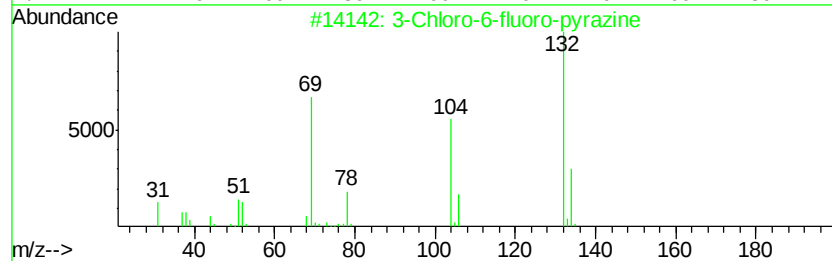
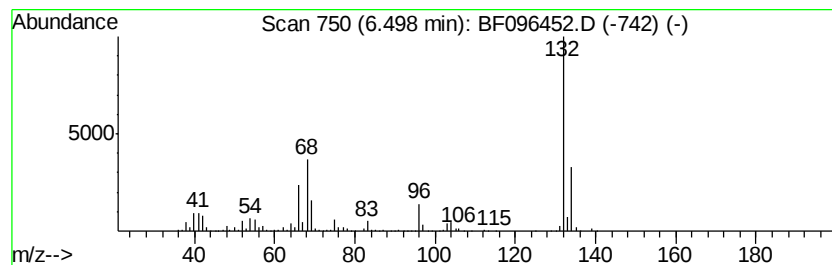
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.50 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	87.26 ng	3221730	1,4-Dichlorobenzene-d4	6.73

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



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Operator : SJ/MA
Sample : I3991-04
Misc :
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ClientSampleID :
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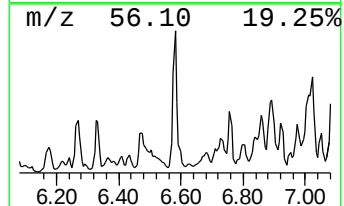
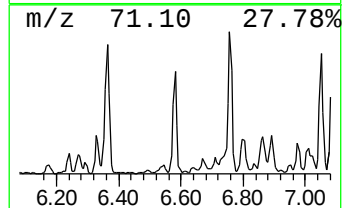
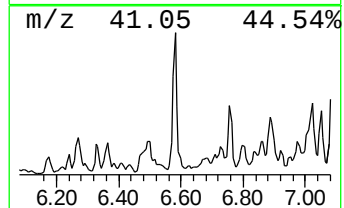
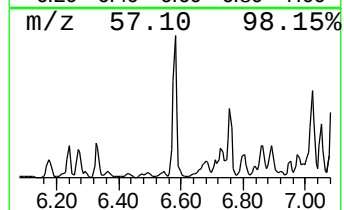
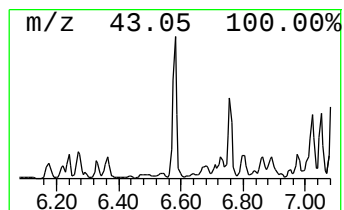
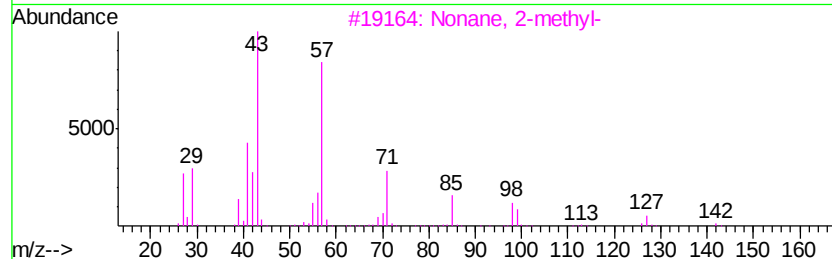
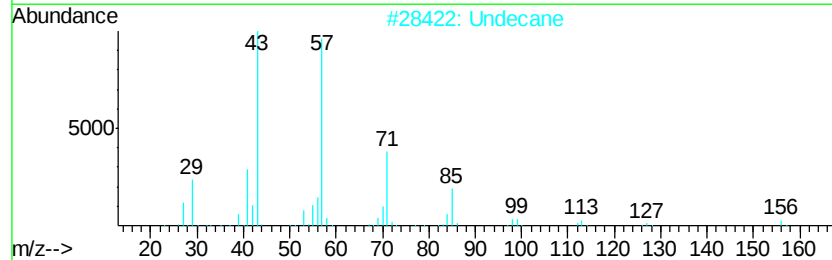
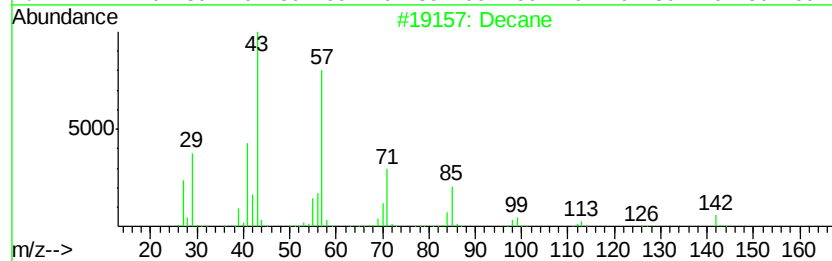
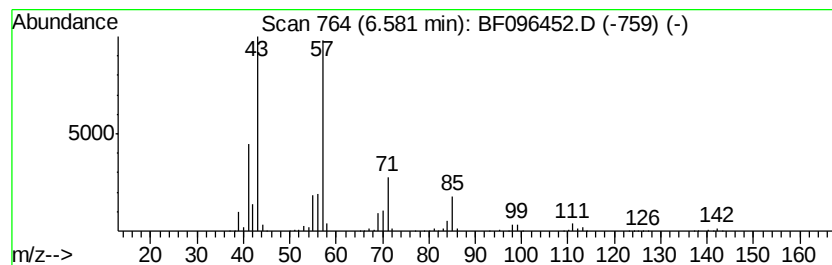
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	70.50 ng	2602850	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	83
2		Undecane	156	C11H24	001120-21-4	72
3		Nonane, 2-methyl-	142	C10H22	000871-83-0	72
4		Hexatriacontane	507	C36H74	000630-06-8	72
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096452.D
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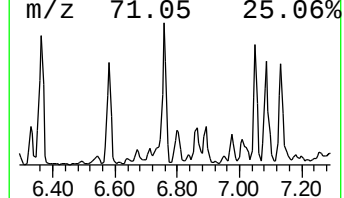
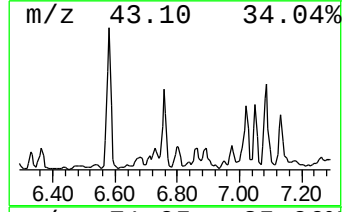
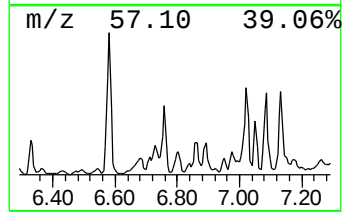
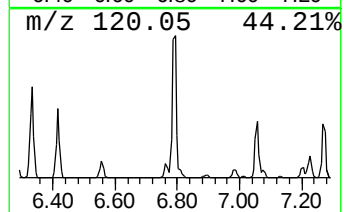
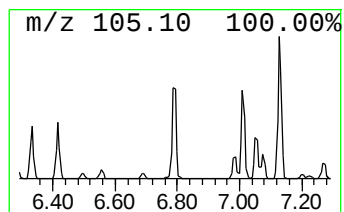
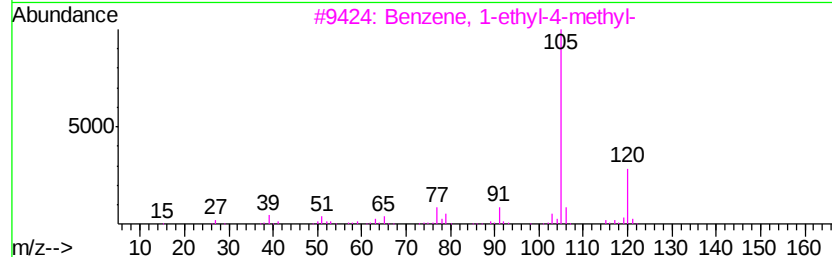
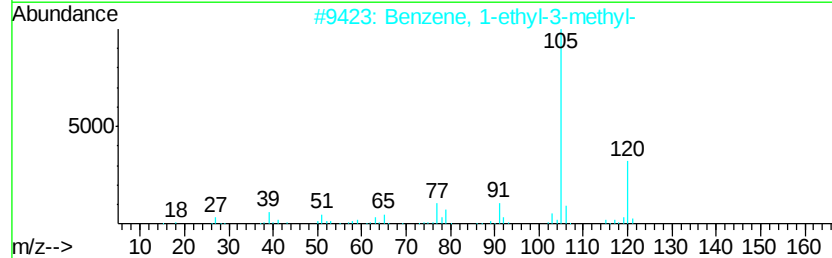
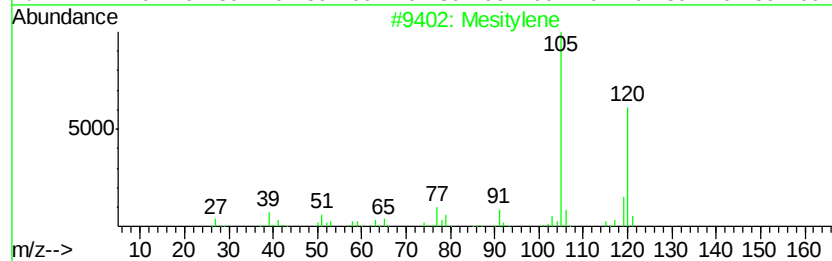
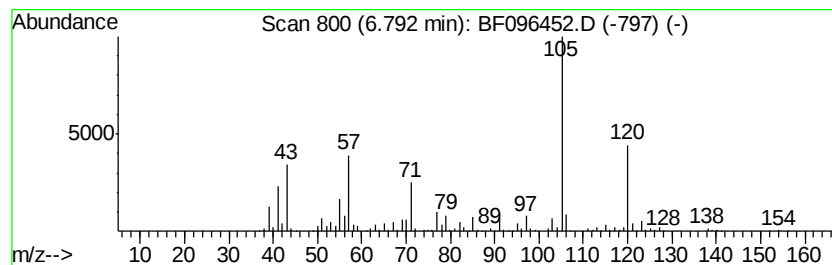
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Mesitylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	27.58 ng	1018210	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	64
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	58
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	58
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096452.D
Acq On : 3 Jul 2017 20:20
Operator : SJ/MA
Sample : I3991-04
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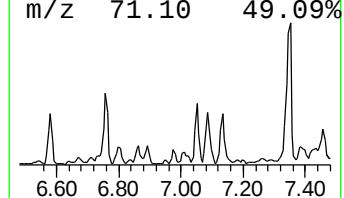
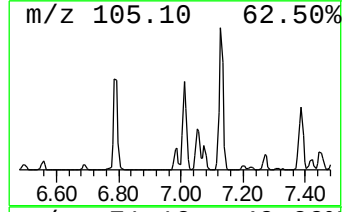
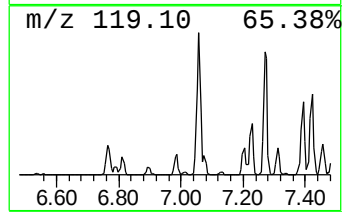
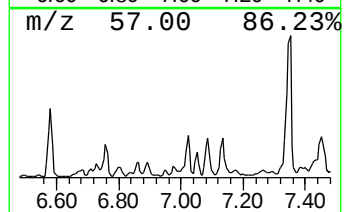
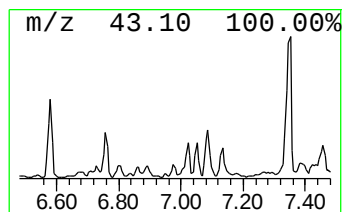
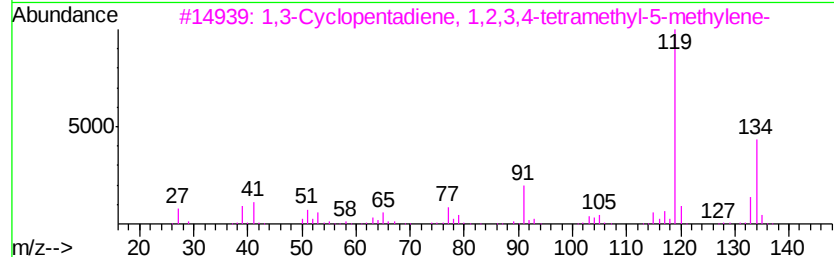
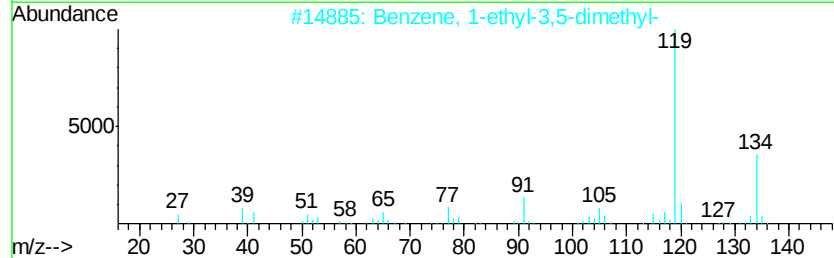
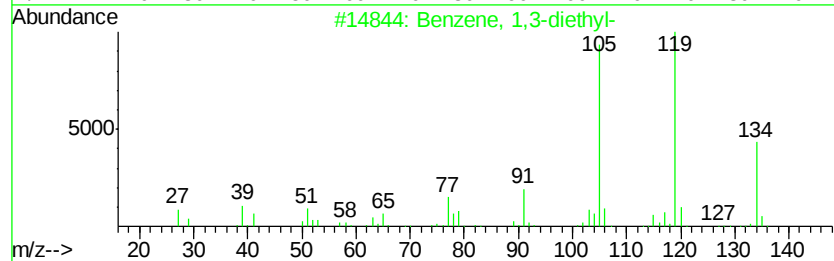
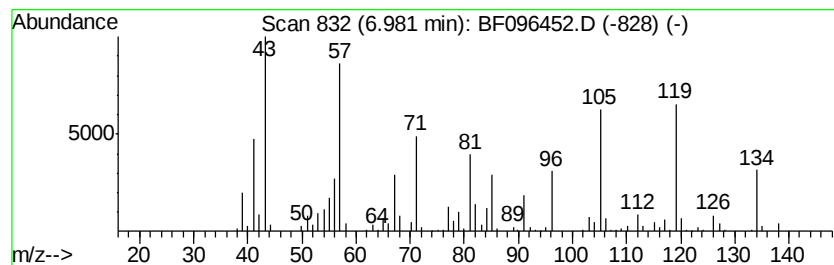
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	18.58 ng	685852	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	25
3		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	25
4		Benzene, tert-butyl-	134	C10H14	000098-06-6	25
5		o-Cymene	134	C10H14	000527-84-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
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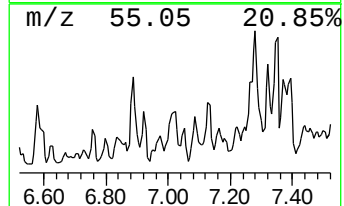
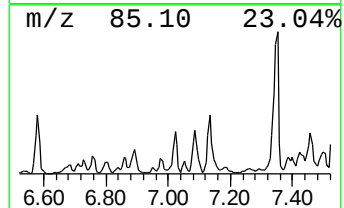
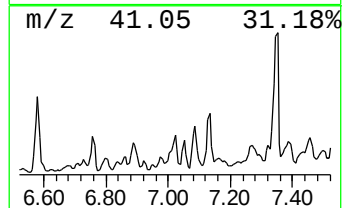
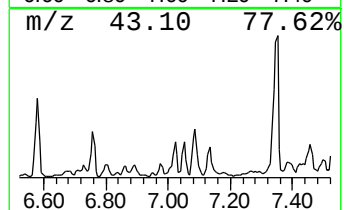
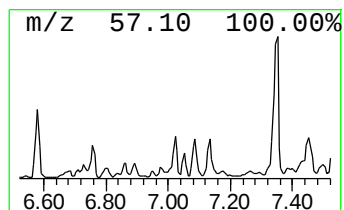
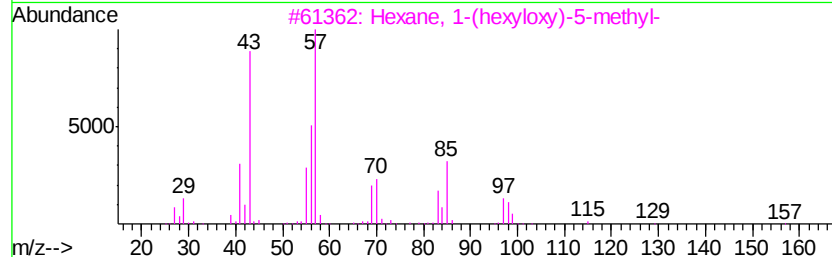
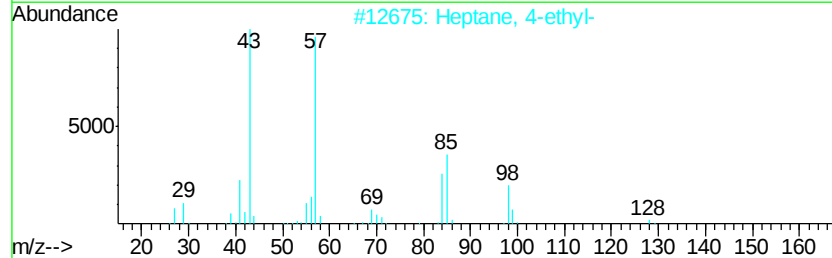
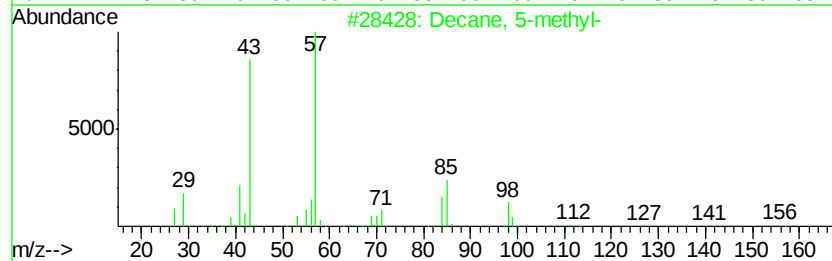
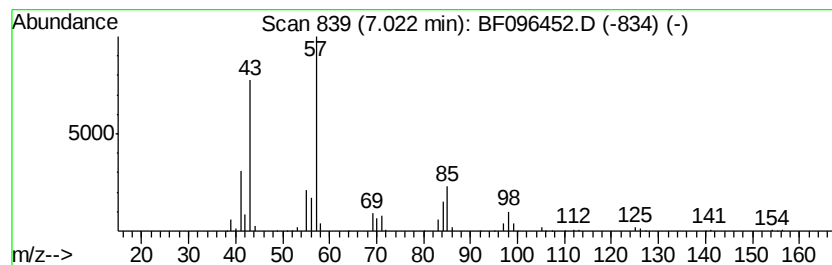
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Decane, 5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	44.81 ng	1654340	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	78
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	64
3		Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	59
4		Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	53
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096452.D
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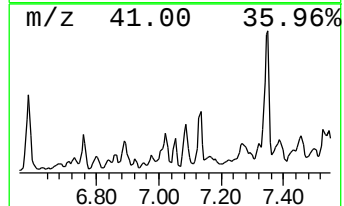
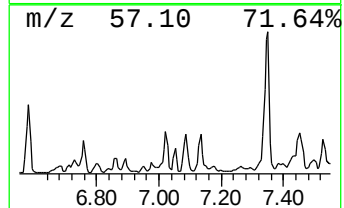
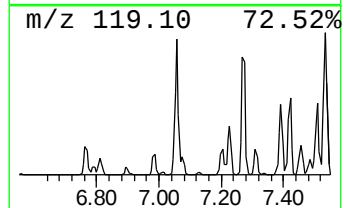
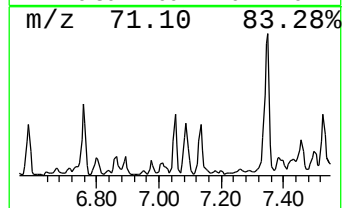
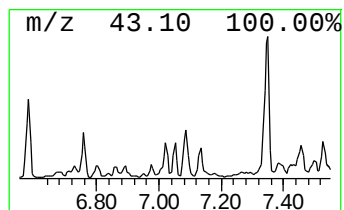
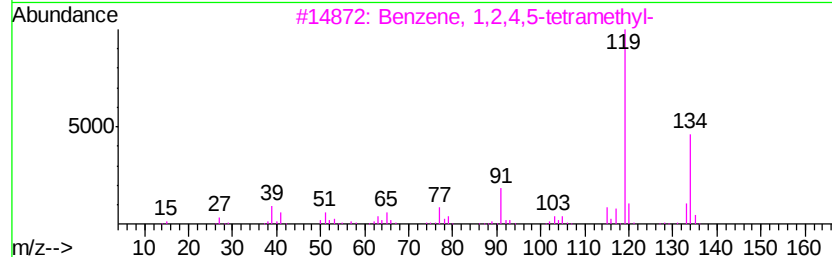
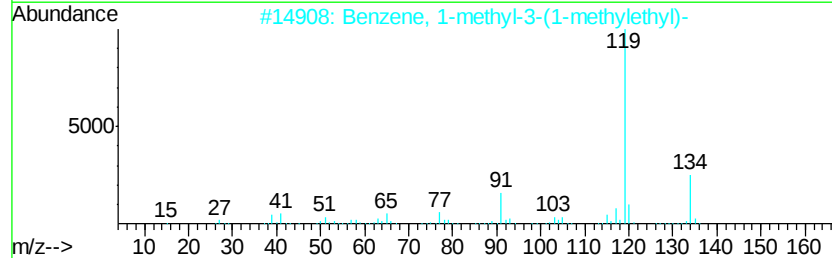
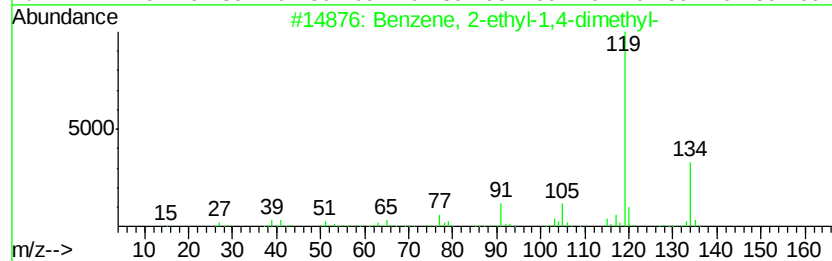
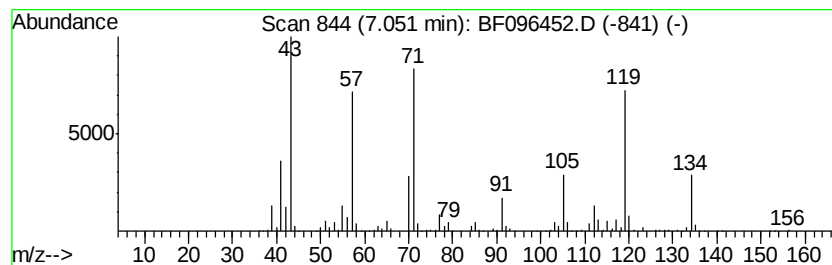
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	40.20 ng	1484280	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	38
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
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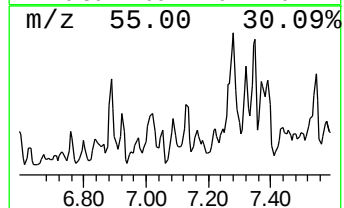
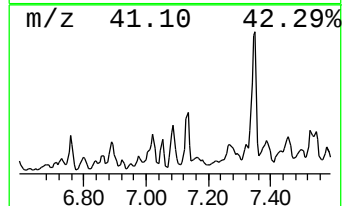
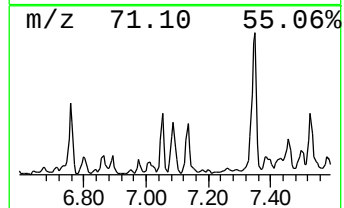
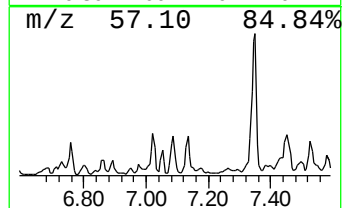
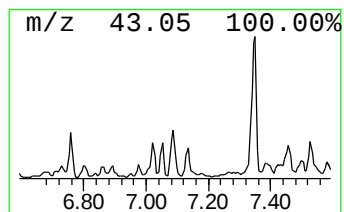
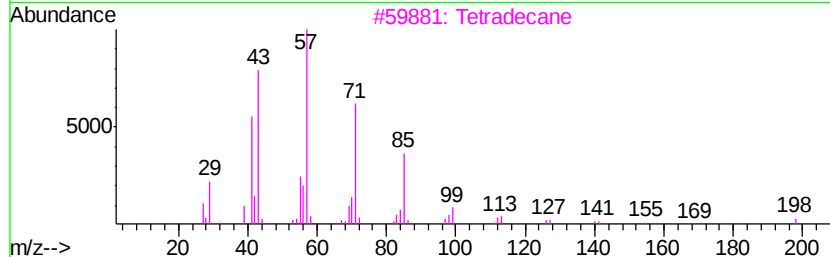
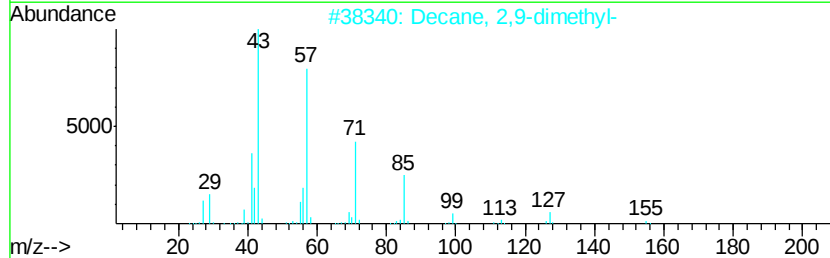
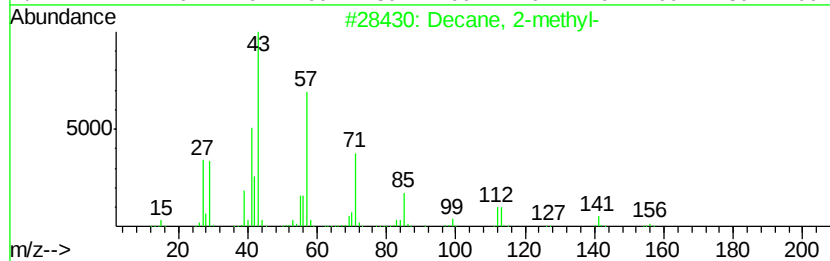
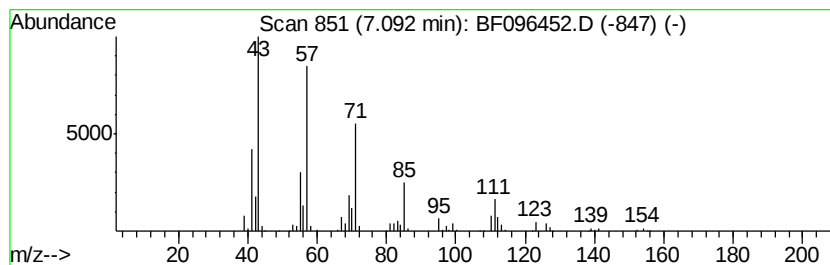
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	44.45 ng	1641340	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	72
2		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
3		Tetradecane	198	C14H30	000629-59-4	59
4		Tridecane	184	C13H28	000629-50-5	59
5		Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
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ALS Vial : 23 Sample Multiplier: 1

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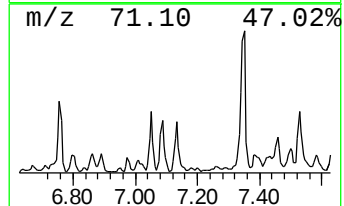
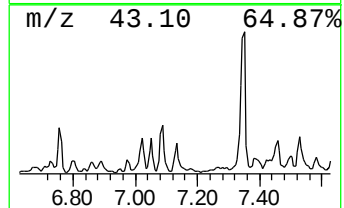
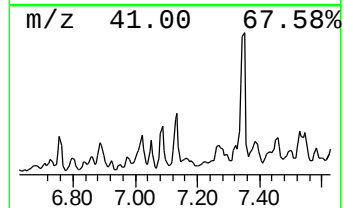
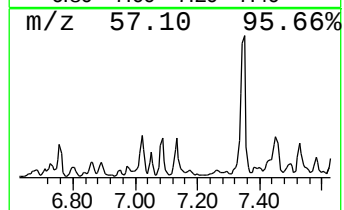
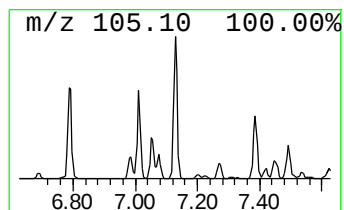
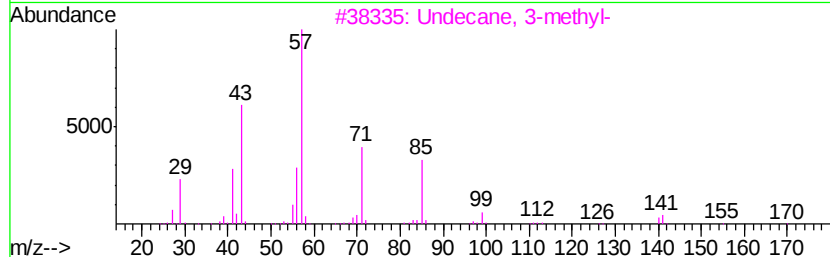
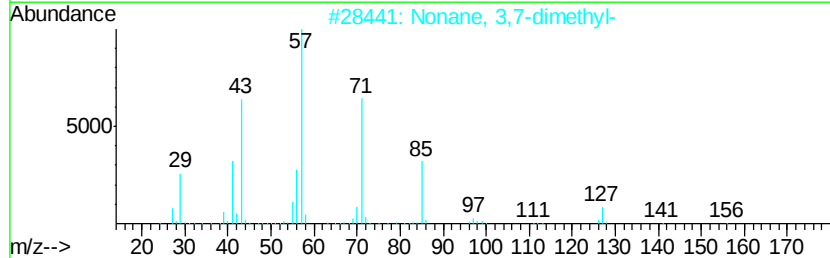
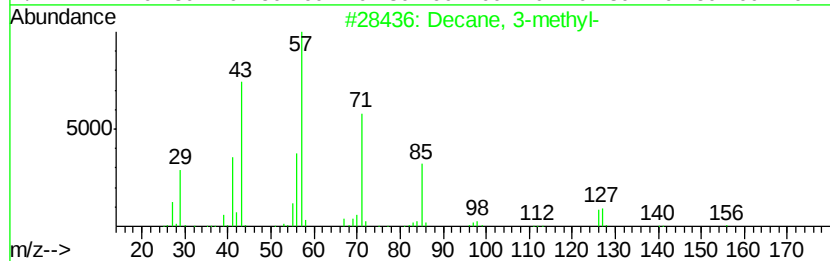
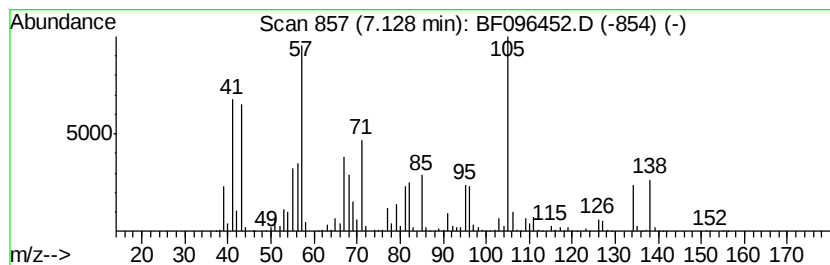
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown7.13 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	67.40 ng	2488700	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	47
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	46
3		Undecane, 3-methyl-	170	C12H26	001002-43-3	43
4		Octane, 2-methyl-	128	C9H20	003221-61-2	43
5		Hexadecane	226	C16H34	000544-76-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096452.D
Acq On : 3 Jul 2017 20:20
Operator : SJ/MA
Sample : I3991-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-062917-B

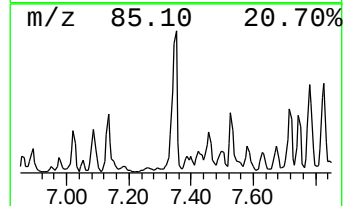
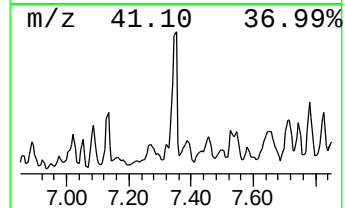
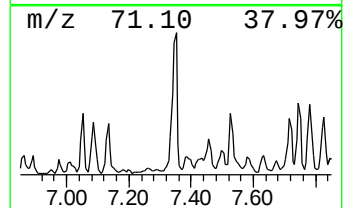
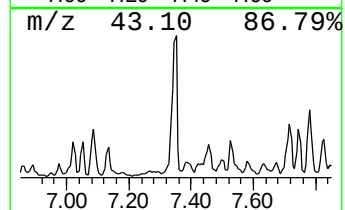
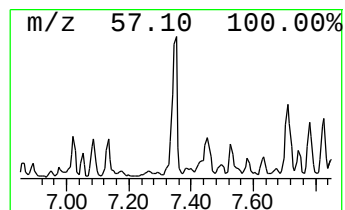
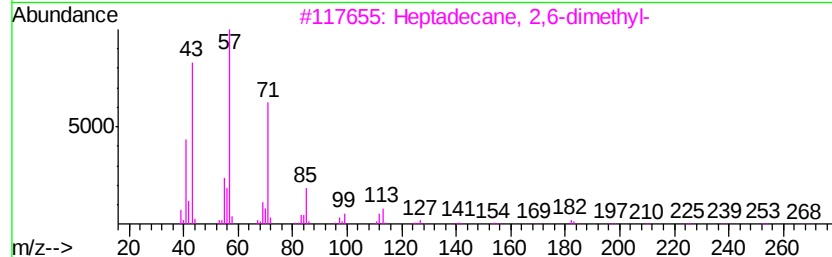
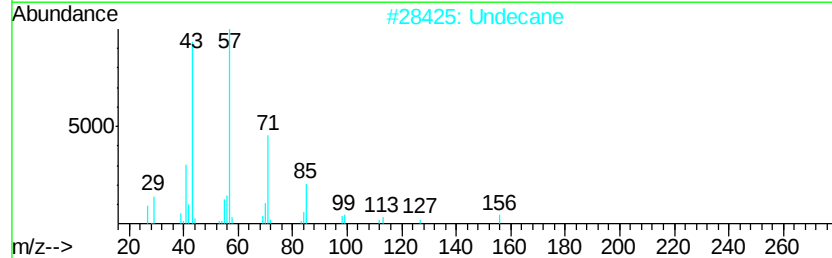
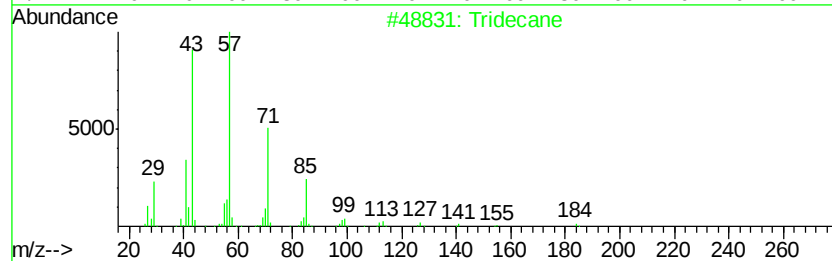
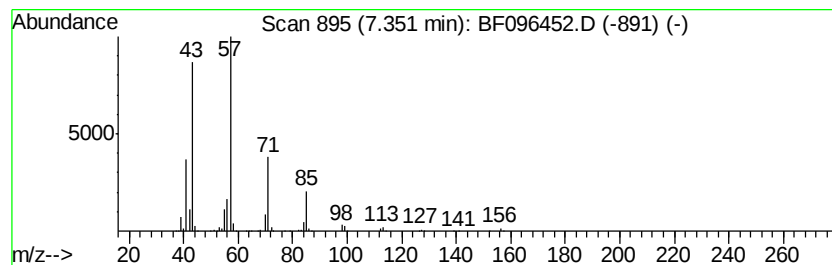
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	128.12 ng	4730450	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	83
2		Undecane	156	C11H24	001120-21-4	83
3		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
4		Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	72
5		Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
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ClientSampleId :
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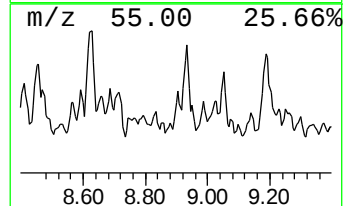
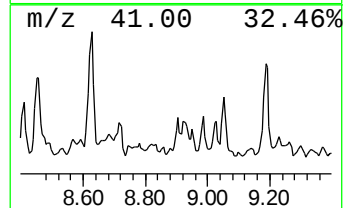
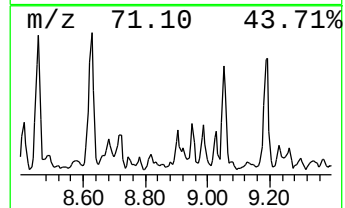
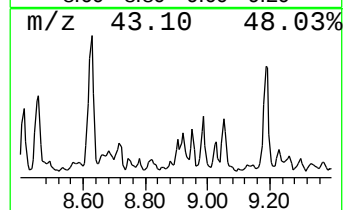
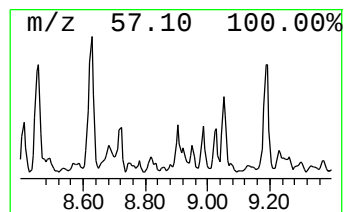
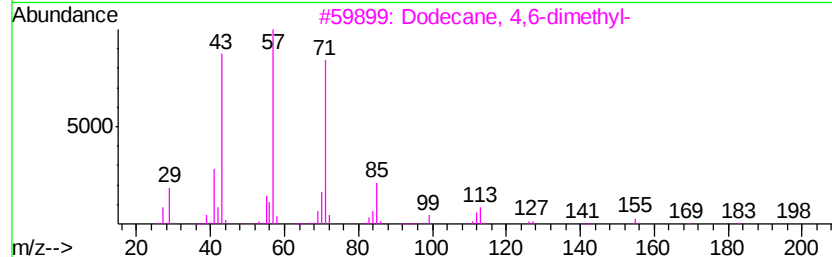
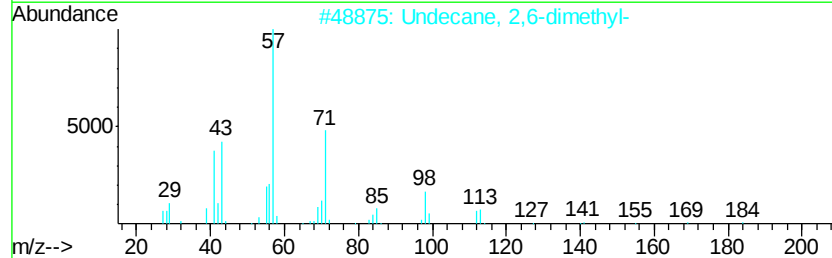
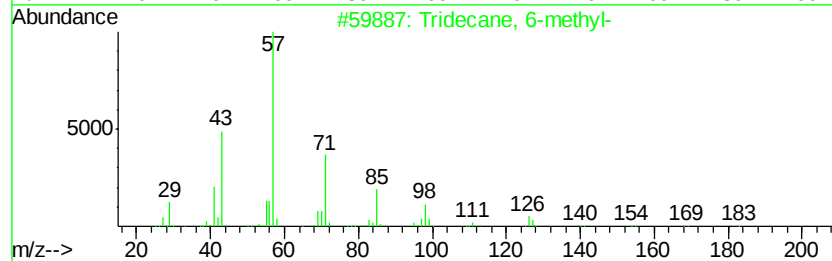
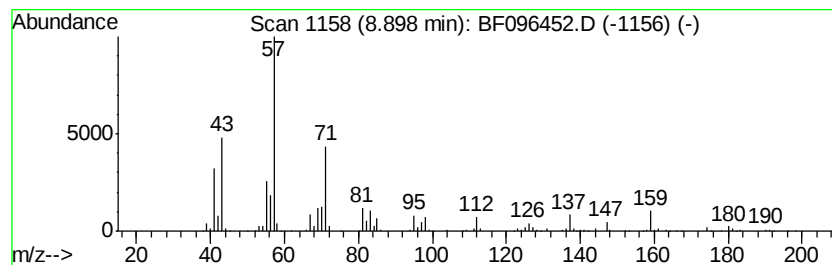
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 6-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	20.54 ng	1453800	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	49
4		Hexadecane	226	C16H34	000544-76-3	49
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096452.D
Acq On : 3 Jul 2017 20:20
Operator : SJ/MA
Sample : I3991-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

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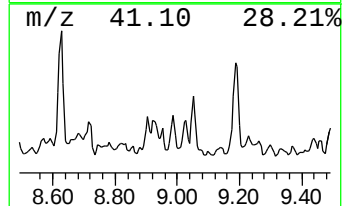
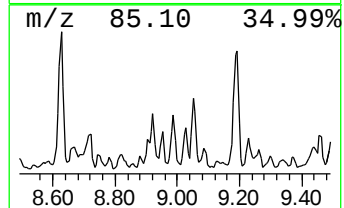
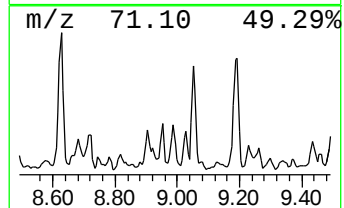
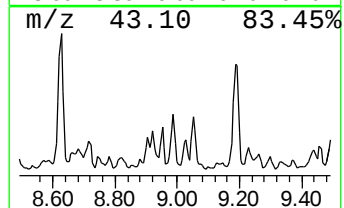
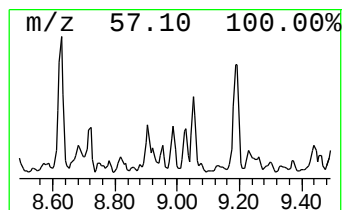
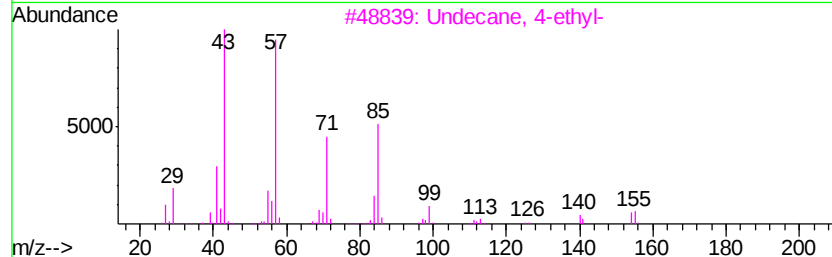
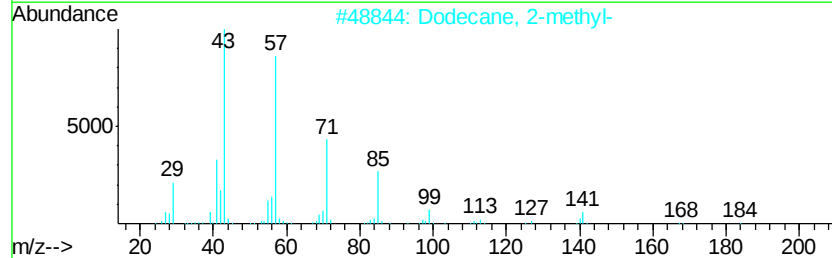
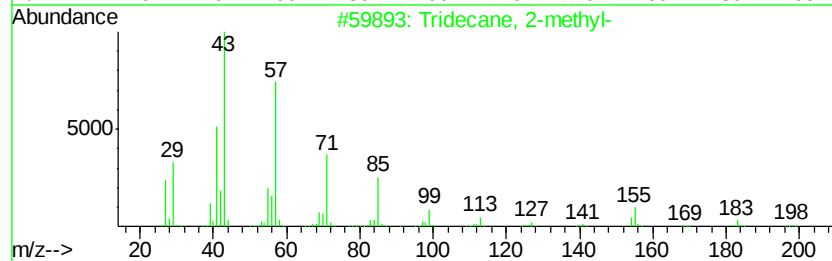
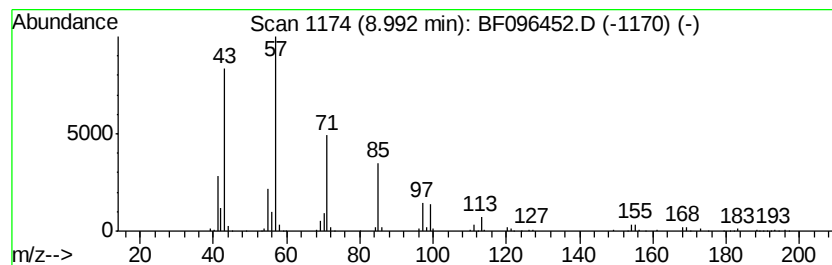
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tridecane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	22.36 ng	1582580	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
3		Undecane, 4-ethyl-	184	C13H28	017312-59-3	64
4		Decane, 2-methyl-	156	C11H24	006975-98-0	64
5		Decane, 3-methyl-	156	C11H24	013151-34-3	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
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ClientSampleId :
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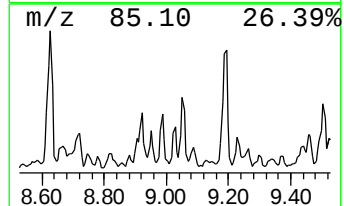
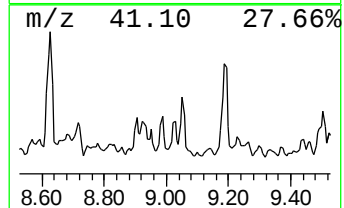
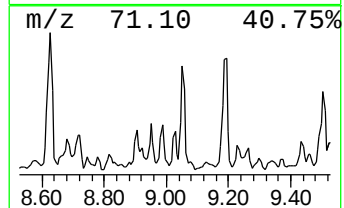
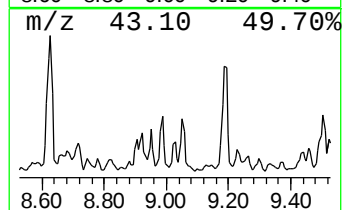
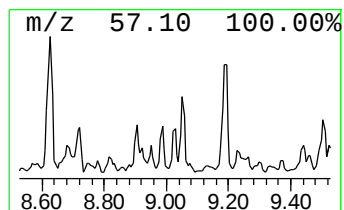
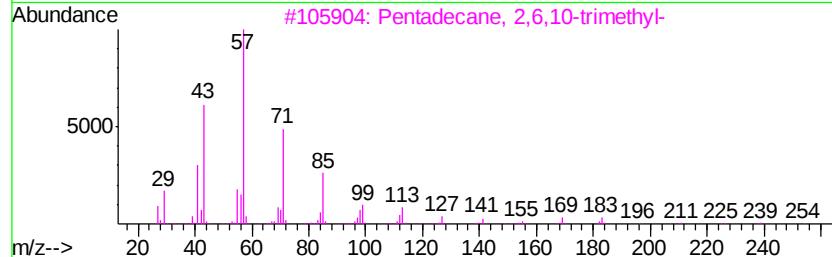
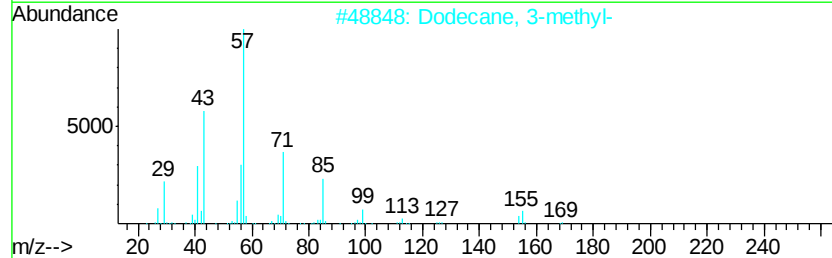
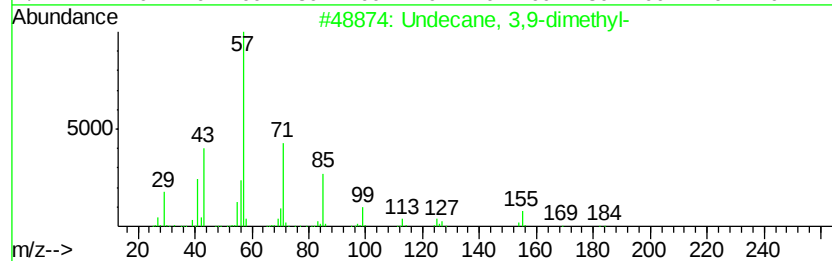
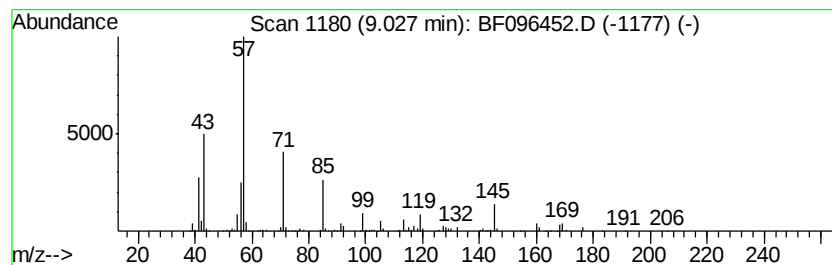
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Undecane, 3,9-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	18.73 ng	1325360	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	59
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	59
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	59
5		Decane, 3-methyl-	156	C11H24	013151-34-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096452.D
Acq On : 3 Jul 2017 20:20
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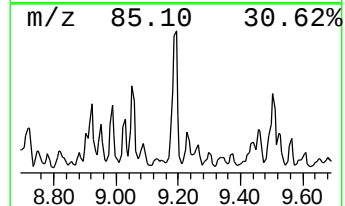
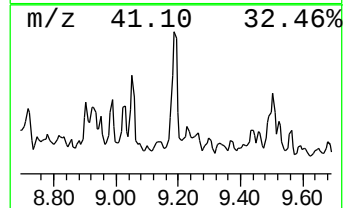
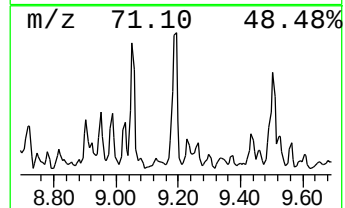
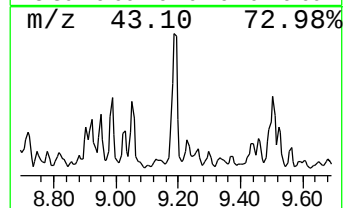
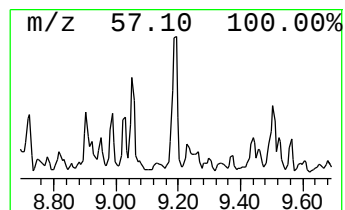
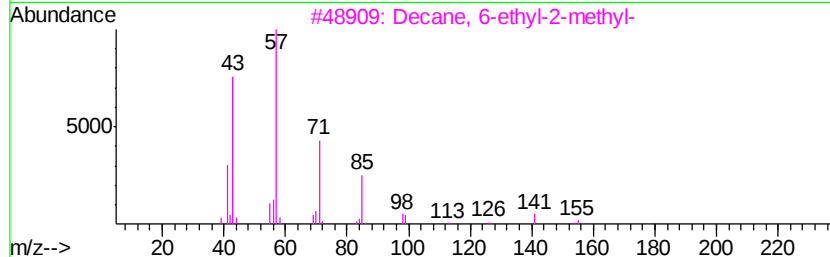
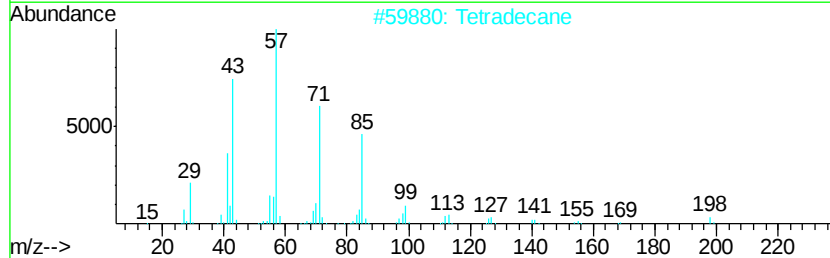
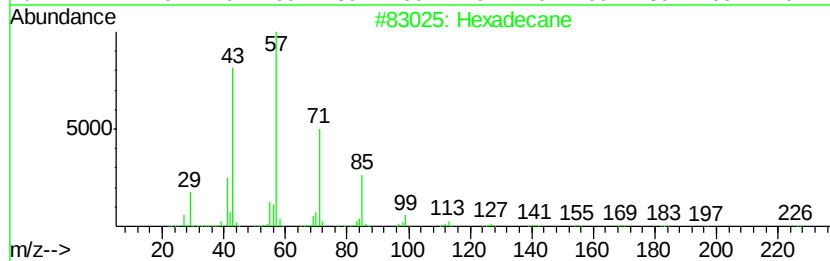
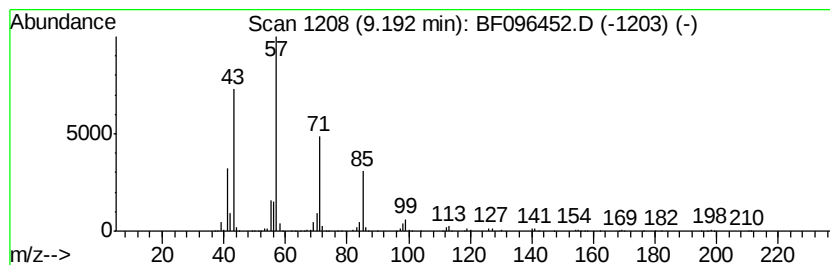
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	68.74 ng	4865400	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
4		Pentadecane	212	C15H32	000629-62-9	78
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76



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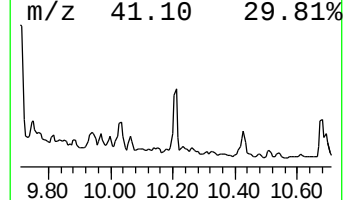
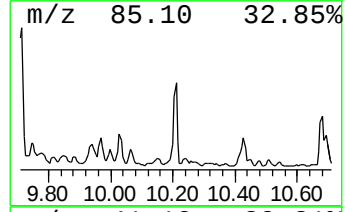
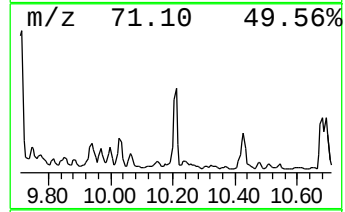
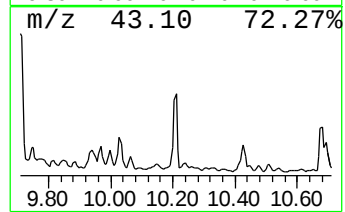
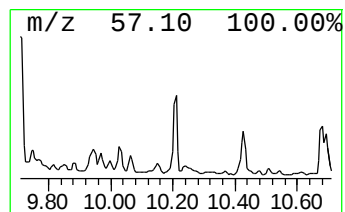
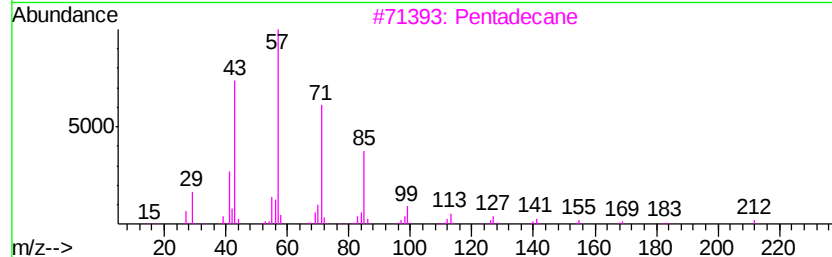
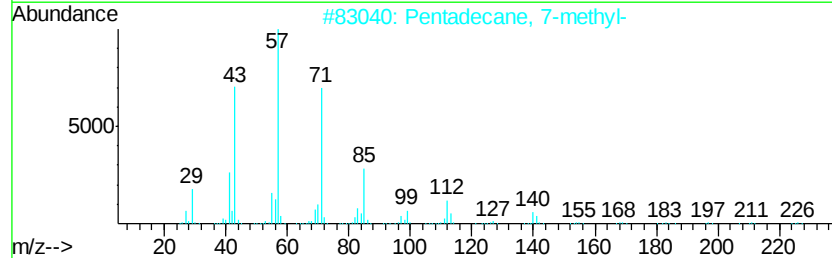
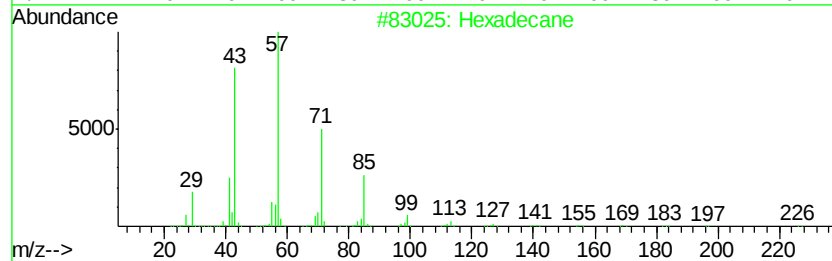
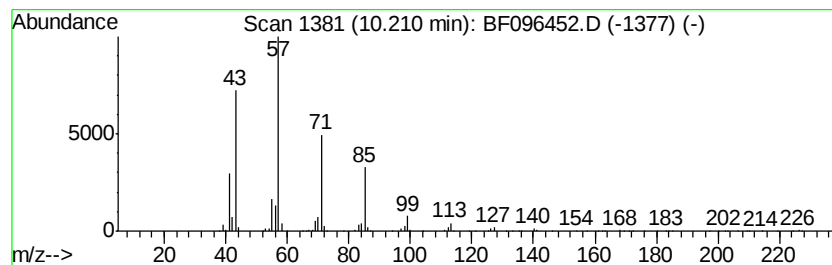
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Sulfurous acid, 2-ethylhexy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	21.25 ng	1504380	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	97
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5		Tetradecane	198	C14H30	000629-59-4	80



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Misc :
ALS Vial : 23 Sample Multiplier: 1

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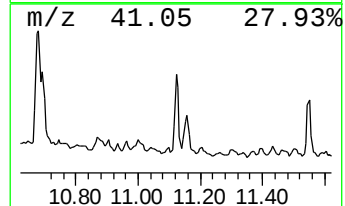
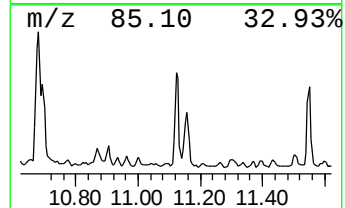
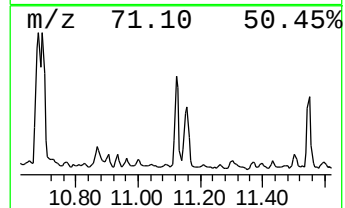
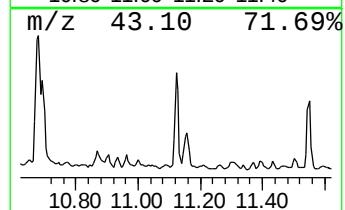
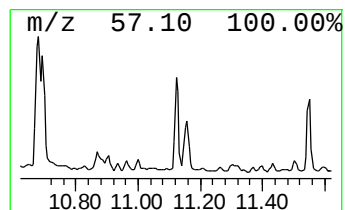
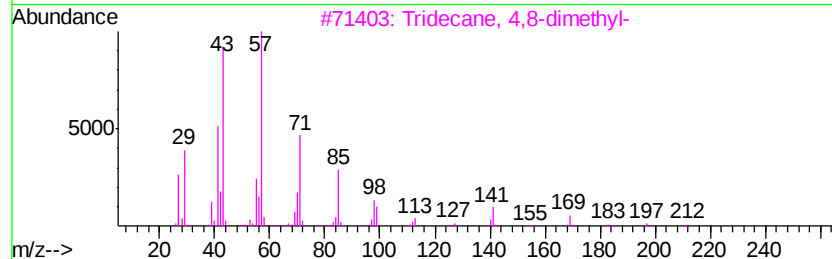
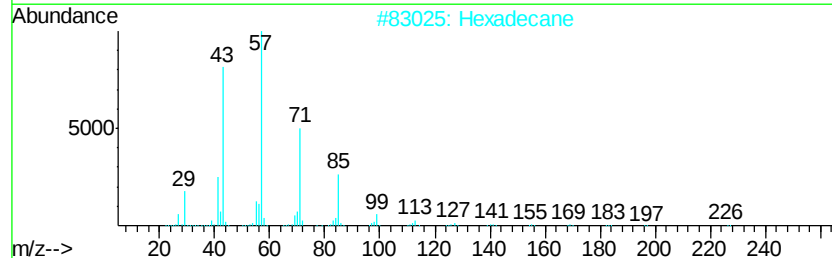
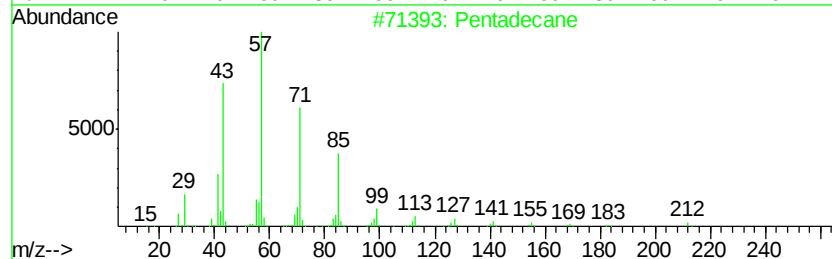
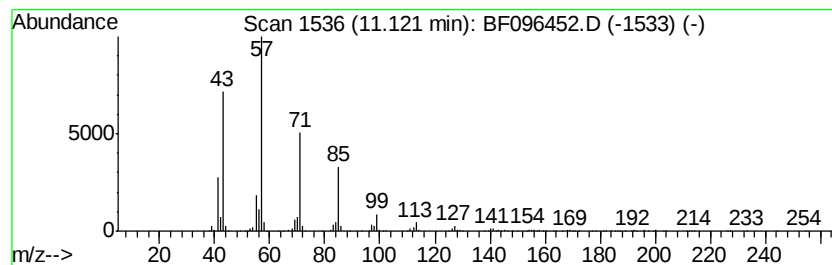
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	22.26 ng	693850	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	95
2		Hexadecane	226	C16H34	000544-76-3	87
3		Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	87
4		Eicosane	282	C20H42	000112-95-8	80
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096452.D
Acq On : 3 Jul 2017 20:20
Operator : SJ/MA
Sample : I3991-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-062917-B

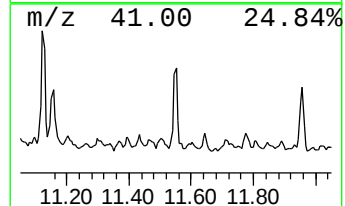
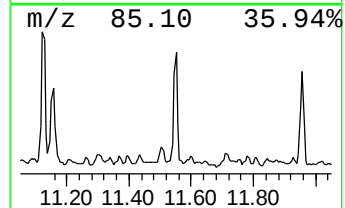
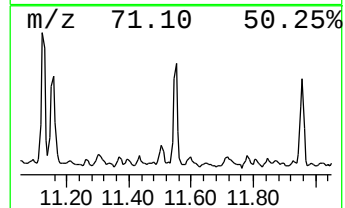
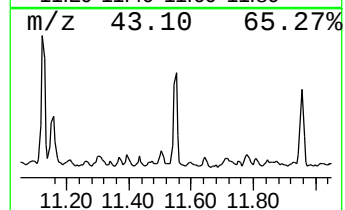
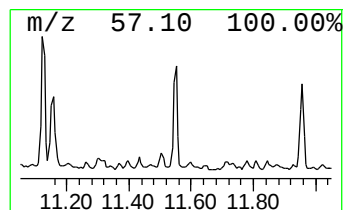
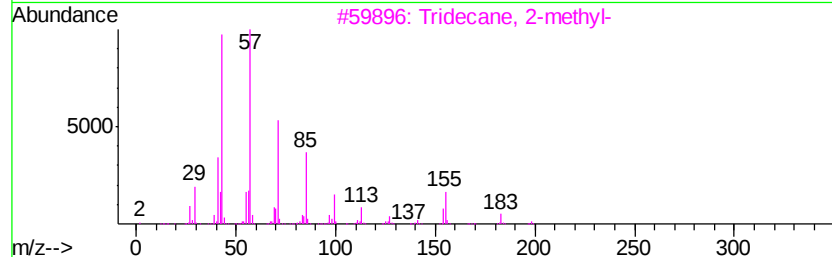
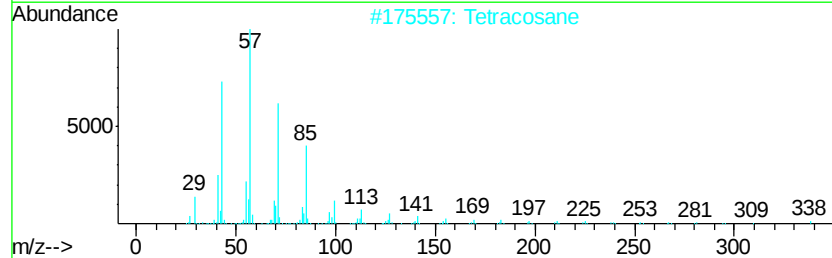
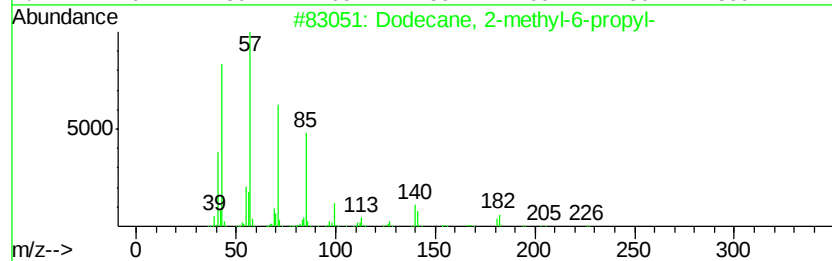
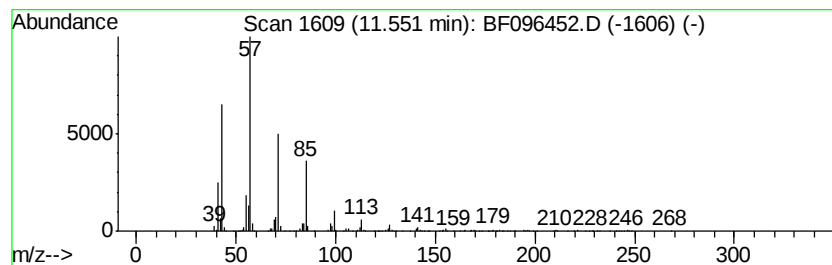
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dodecane, 2-methyl-6-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	19.78 ng	616654	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2		Tetracosane	338	C24H50	000646-31-1	83
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
4		Hexadecane	226	C16H34	000544-76-3	80
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
 Data File : BF096452.D
 Acq On : 3 Jul 2017 20:20
 Operator : SJ/MA
 Sample : I3991-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062917-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane, 3-methyl-	5.99	18.1	ng	669907	1	6.73	738434	20.0
unknown6.27	6.27	19.7	ng	725986	1	6.73	738434	20.0
unknown6.50	6.50	87.3	ng	3221730	1	6.73	738434	20.0
Decane	6.58	70.5	ng	2602850	1	6.73	738434	20.0
Mesitylene	6.79	27.6	ng	1018210	1	6.73	738434	20.0
Benzene, 1,3-diet...	6.98	18.6	ng	685852	1	6.73	738434	20.0
Decane, 5-methyl-	7.02	44.8	ng	1654340	1	6.73	738434	20.0
Benzene, 2-ethyl-...	7.05	40.2	ng	1484280	1	6.73	738434	20.0
Decane, 2-methyl-	7.09	44.5	ng	1641340	1	6.73	738434	20.0
unknown7.13	7.13	67.4	ng	2488700	1	6.73	738434	20.0
Tridecane	7.35	128.1	ng	4730450	1	6.73	738434	20.0
Tridecane, 6-methyl-	8.90	20.5	ng	1453800	3	9.76	1415580	20.0
Tridecane, 2-methyl-	8.99	22.4	ng	1582580	3	9.76	1415580	20.0
Undecane, 3,9-dim...	9.03	18.7	ng	1325360	3	9.76	1415580	20.0
Hexadecane	9.19	68.7	ng	4865400	3	9.76	1415580	20.0
Sulfurous acid, 2...	10.21	21.3	ng	1504380	3	9.76	1415580	20.0
Pentadecane	11.12	22.3	ng	693850	4	11.24	623444	20.0
Dodecane, 2-methy...	11.55	19.8	ng	616654	4	11.24	623444	20.0