

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF062717\
 Data File : BF096238.D
 Acq On : 28 Jun 2017 1:25
 Operator : SJ/MA
 Sample : I3872-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-062217-A

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-BF062717.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	554	560	567	rVB	653865	686288	10.94%	0.560%
2	5.704	611	615	621	rVB	706450	671323	10.70%	0.548%
3	5.945	654	656	661	rVB2	316582	310405	4.95%	0.253%
4	6.045	670	673	679	rVB2	783345	857782	13.67%	0.700%
5	6.104	679	683	685	rBV	292930	308147	4.91%	0.252%
6	6.234	700	705	709	rBV3	404247	558323	8.90%	0.456%
7	6.298	714	716	718	rVV	622642	494013	7.87%	0.403%
8	6.328	718	721	728	rVB2	947148	1298150	20.69%	1.060%
9	6.392	728	732	739	rBV2	1183025	1583717	25.24%	1.293%
10	6.475	743	746	748	rBV	516747	456982	7.28%	0.373%
11	6.545	752	758	761	rBV2	946607	1318032	21.01%	1.076%
12	6.634	770	773	779	rVB	3439555	3331656	53.10%	2.720%
13	6.739	786	791	794	rBV3	263225	468093	7.46%	0.382%
14	6.781	794	798	801	rBV	1582706	1553332	24.76%	1.268%
15	6.816	801	804	807	rVB2	1172146	1079888	17.21%	0.882%
16	6.845	807	809	814	rVB3	801033	981444	15.64%	0.801%
17	6.939	823	825	830	rBV3	1178591	1244223	19.83%	1.016%
18	7.039	838	842	844	rBV3	372025	533529	8.50%	0.436%
19	7.075	844	848	851	rVB2	1172234	1392830	22.20%	1.137%
20	7.104	851	853	856	rVB2	1535879	1463605	23.33%	1.195%
21	7.139	856	859	863	rBV	1300927	1245224	19.85%	1.017%
22	7.186	863	867	870	rBV	2255829	1897712	30.24%	1.549%
23	7.322	886	890	894	rBV2	1056778	1618481	25.79%	1.321%
24	7.398	897	903	906	rVB	5161846	4690024	74.75%	3.829%
25	7.439	906	910	914	rVB4	888928	1261008	20.10%	1.029%
26	7.475	914	916	919	rBV3	542792	713258	11.37%	0.582%
27	7.510	919	922	926	rVB2	782317	815893	13.00%	0.666%
28	7.557	926	930	932	rBV3	506717	600488	9.57%	0.490%
29	7.586	932	935	941	rVB3	1116349	1770460	28.22%	1.445%
30	7.681	948	951	952	rBV3	487434	460975	7.35%	0.376%
31	7.698	952	954	956	rBV2	621898	535841	8.54%	0.437%
32	7.763	962	965	968	rVB2	1224947	1342666	21.40%	1.096%
33	7.798	968	971	975	rBV4	1600350	2232583	35.58%	1.823%
34	7.833	975	977	981	rVB3	2037170	2038678	32.49%	1.664%

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35	7.875	981	984	986	rBV2	1652785	1536686	24.49%	1.254%
36	7.910	988	990	993	rVB2	1128443	918015	14.63%	0.749%
37	7.945	993	996	997	rBV	454137	395049	6.30%	0.322%
38	8.033	1005	1011	1012	rBV3	746245	1098863	17.51%	0.897%
39	8.063	1012	1016	1019	rVV	6096384	6274511	100.00%	5.122%
40	8.092	1019	1021	1023	rVV3	535786	701828	11.19%	0.573%
41	8.122	1024	1026	1027	rVV2	800090	745993	11.89%	0.609%
42	8.145	1027	1030	1032	rVV	2322340	2113067	33.68%	1.725%
43	8.169	1032	1034	1037	rVV3	765103	836821	13.34%	0.683%
44	8.198	1037	1039	1041	rVB2	601864	477258	7.61%	0.390%
45	8.239	1041	1046	1049	rBV5	637843	1129312	18.00%	0.922%
46	8.269	1049	1051	1052	rVV	755548	698540	11.13%	0.570%
47	8.316	1056	1059	1063	rVV5	652451	933912	14.88%	0.762%
48	8.369	1063	1068	1071	rVV4	1647393	2797457	44.58%	2.284%
49	8.422	1075	1077	1080	rVV2	1685041	1542555	24.58%	1.259%
50	8.457	1080	1083	1086	rVV2	2109238	2148108	34.24%	1.754%
51	8.504	1087	1091	1095	rVV2	2958618	3769802	60.08%	3.077%
52	8.539	1095	1097	1100	rVV3	704992	695556	11.09%	0.568%
53	8.575	1100	1103	1106	rVV2	1460069	1436930	22.90%	1.173%
54	8.622	1108	1111	1112	rVV2	570241	656425	10.46%	0.536%
55	8.675	1116	1120	1124	rVV	5238969	5687785	90.65%	4.643%
56	8.727	1126	1129	1133	rVV	1431042	2209899	35.22%	1.804%
57	8.769	1133	1136	1139	rVV3	1298001	1606758	25.61%	1.312%
58	8.798	1139	1141	1143	rVV2	303284	323395	5.15%	0.264%
59	8.828	1144	1146	1148	rVV3	460688	507006	8.08%	0.414%
60	8.869	1150	1153	1154	rVV2	648119	742735	11.84%	0.606%
61	8.892	1154	1157	1162	rVV2	1205627	1842047	29.36%	1.504%
62	8.927	1162	1163	1165	rVV2	474696	413598	6.59%	0.338%
63	8.951	1165	1167	1169	rVV	1335612	1375778	21.93%	1.123%
64	8.975	1169	1171	1174	rVV3	1060154	1597958	25.47%	1.304%
65	9.004	1174	1176	1179	rVV3	1132031	1360191	21.68%	1.110%
66	9.033	1179	1181	1185	rVV	1672596	1596939	25.45%	1.304%
67	9.075	1185	1188	1190	rVV	1423749	1443860	23.01%	1.179%
68	9.104	1190	1193	1196	rVV2	2143697	2313583	36.87%	1.889%
69	9.139	1196	1199	1204	rVV2	686615	822359	13.11%	0.671%
70	9.186	1204	1207	1211	rVV4	313636	466034	7.43%	0.380%
71	9.233	1211	1215	1219	rVV	4128828	4420225	70.45%	3.608%

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72	9.292	1220	1225	1227	rVV3	829637	1593628	25.40%	1.301%
73	9.316	1227	1229	1231	rVV3	600095	520998	8.30%	0.425%
74	9.351	1233	1235	1238	rVB3	363128	340401	5.43%	0.278%
75	9.398	1238	1243	1245	rBV5	309175	510201	8.13%	0.417%
76	9.463	1250	1254	1255	rBV4	353786	395124	6.30%	0.323%
77	9.486	1255	1258	1260	rVV	709917	929522	14.81%	0.759%
78	9.557	1264	1270	1271	rVV3	1428668	2021595	32.22%	1.650%
79	9.575	1271	1273	1276	rVV2	961010	808261	12.88%	0.660%
80	9.610	1276	1279	1282	rVB2	666756	572088	9.12%	0.467%
81	9.763	1302	1305	1308	rVV	2451739	1973570	31.45%	1.611%
82	9.816	1309	1314	1318	rVB3	1567862	1752850	27.94%	1.431%
83	9.992	1340	1344	1347	rBV2	309293	477544	7.61%	0.390%
84	10.086	1356	1360	1363	rVB2	405835	476627	7.60%	0.389%
85	10.257	1386	1389	1392	rVB	1069949	852411	13.59%	0.696%
86	10.480	1423	1427	1430	rBV	293147	293858	4.68%	0.240%
87	10.592	1444	1446	1450	rVB2	366140	304002	4.85%	0.248%
88	10.727	1467	1469	1478	rVB	603473	736544	11.74%	0.601%
89	11.174	1542	1545	1548	rBV	400465	347454	5.54%	0.284%
90	11.292	1562	1565	1568	rBV	1414516	1173932	18.71%	0.958%
91	12.380	1747	1750	1752	rBV	342746	365714	5.83%	0.299%
92	12.398	1752	1753	1757	rVB2	373219	306447	4.88%	0.250%
93	12.710	1803	1806	1811	rBV2	821101	742444	11.83%	0.606%
94	12.874	1831	1834	1837	rBV	505745	440450	7.02%	0.360%
95	13.415	1923	1926	1929	rBV	615846	529259	8.44%	0.432%
96	13.792	1988	1990	1996	rVB	343930	327398	5.22%	0.267%
97	13.921	2009	2012	2016	rBV	995487	955874	15.23%	0.780%
98	14.110	2041	2044	2047	rBV	368005	301790	4.81%	0.246%
99	14.715	2144	2147	2153	rBV	285014	363991	5.80%	0.297%
100	15.351	2252	2255	2259	rVB	519284	630496	10.05%	0.515%

Sum of corrected areas: 122496364

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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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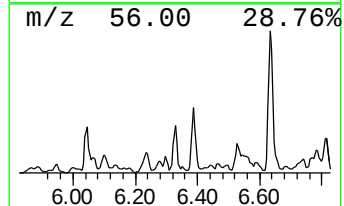
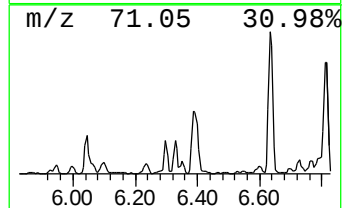
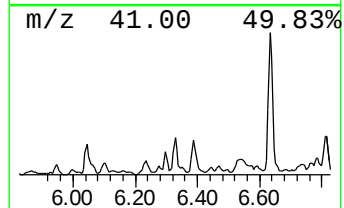
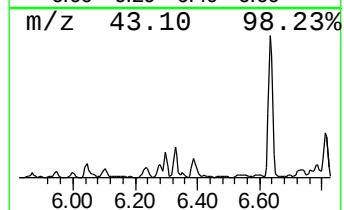
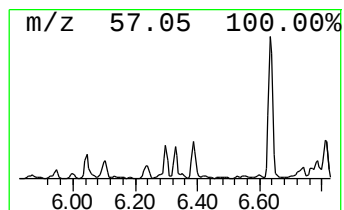
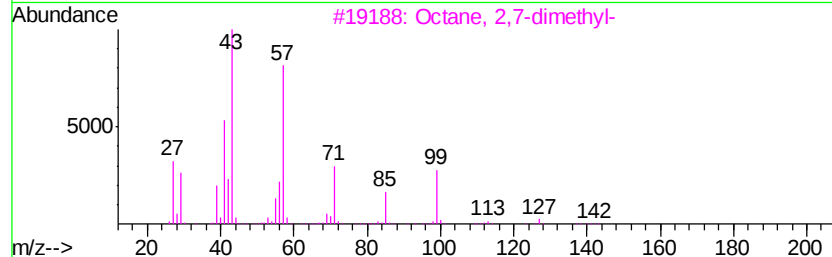
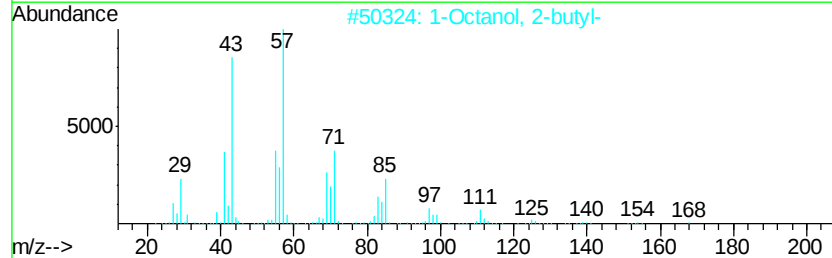
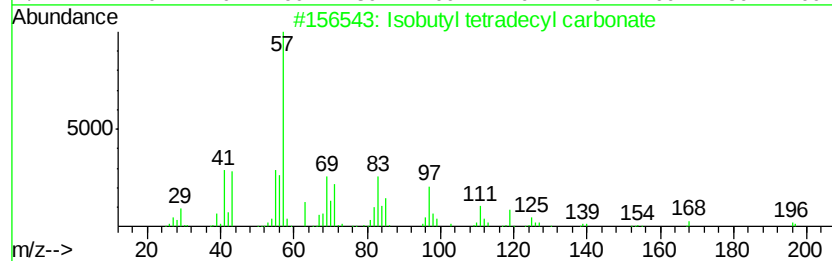
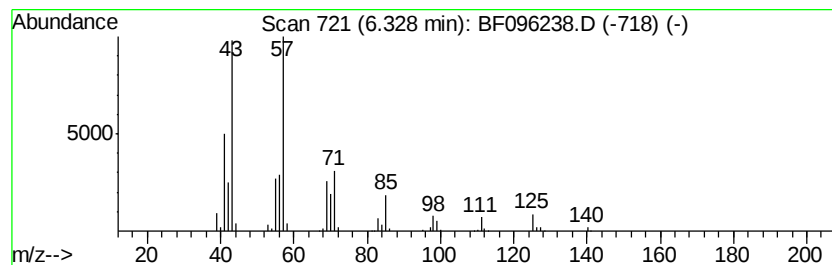
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Isobutyl tetradecyl carbonate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	16.71 ng	1298150	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	64
2		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	64
3		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
4		Nonane, 2-methyl-	142	C10H22	000871-83-0	64
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59



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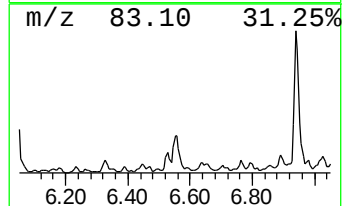
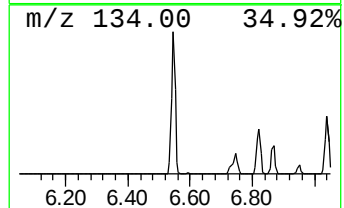
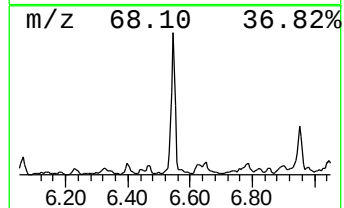
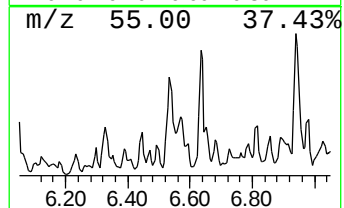
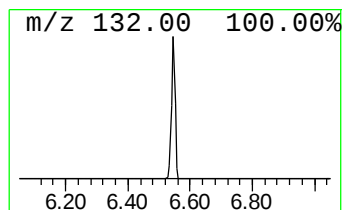
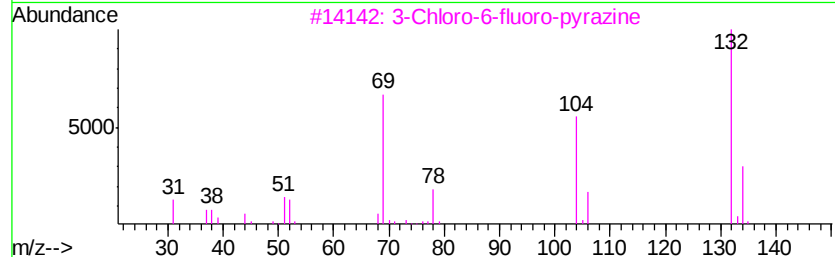
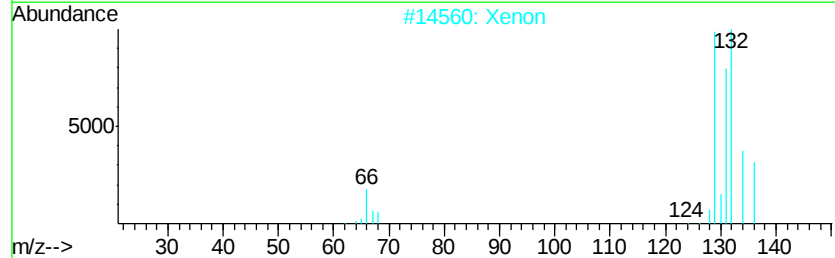
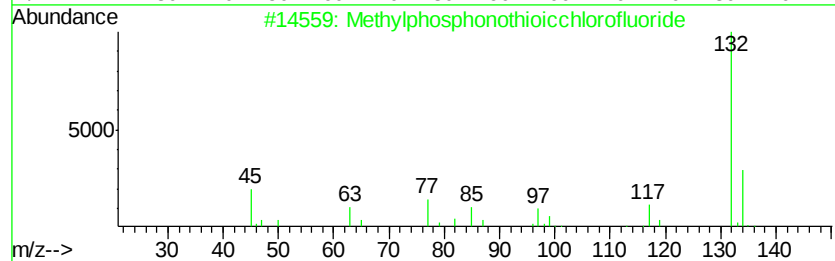
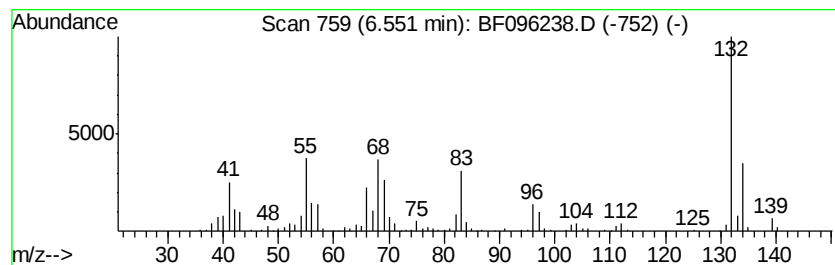
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.55 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	16.97 ng	1318030	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	27
2		Xenon	132	Xe	007440-63-3	25
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		5-Aminoindole	132	C8H8N2	005192-03-0	10
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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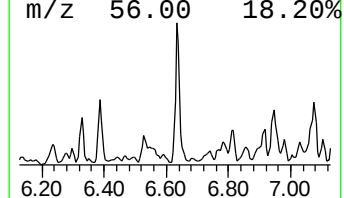
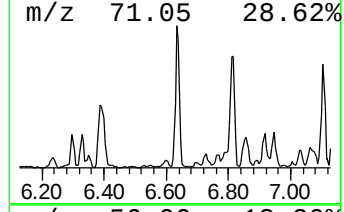
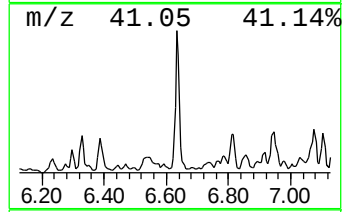
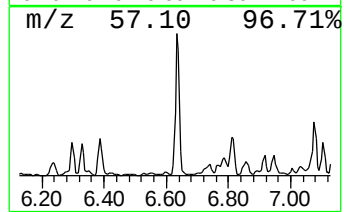
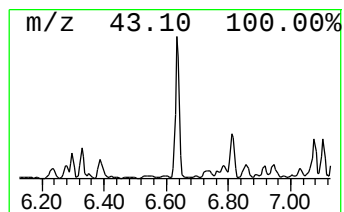
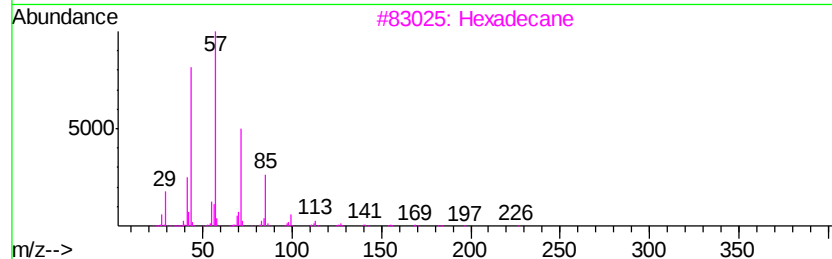
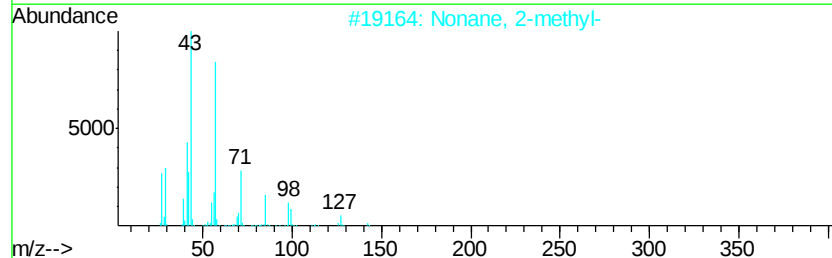
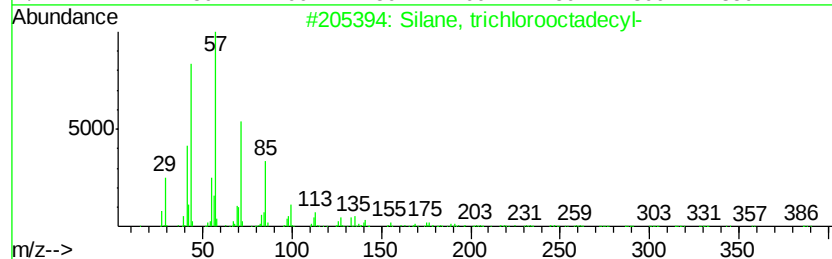
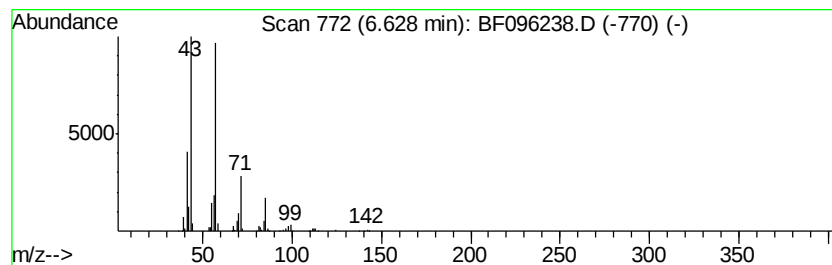
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Peak Number 3 Silane, trichlorooctadecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	42.90 ng	3331660	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
2		Nonane, 2-methyl-	142	C10H22	000871-83-0	80
3		Hexadecane	226	C16H34	000544-76-3	78
4		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	72
5		Nonane	128	C9H20	000111-84-2	72



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Acq On : 28 Jun 2017 1:25
Operator : SJ/MA
Sample : I3872-01 5X
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Instrument :
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ClientSampleId :
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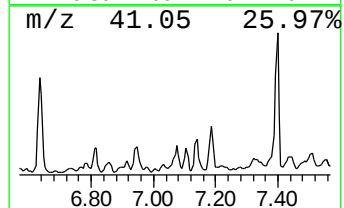
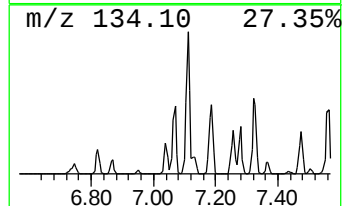
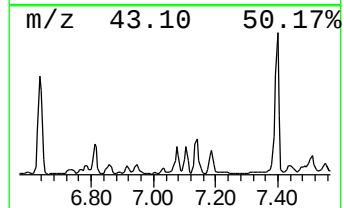
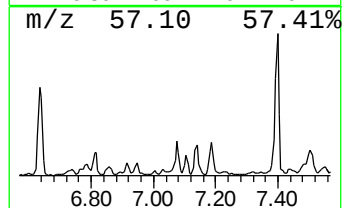
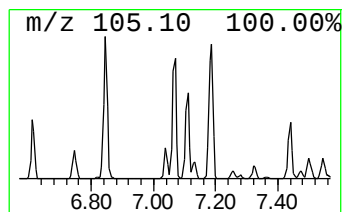
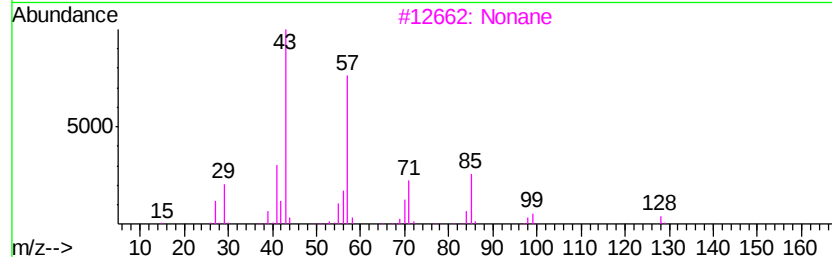
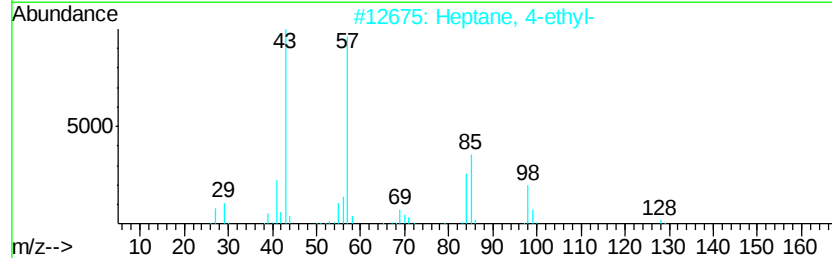
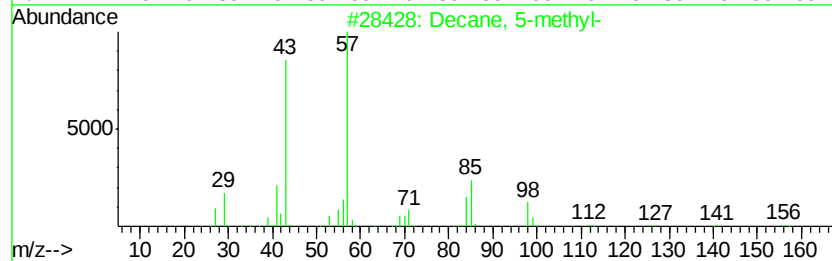
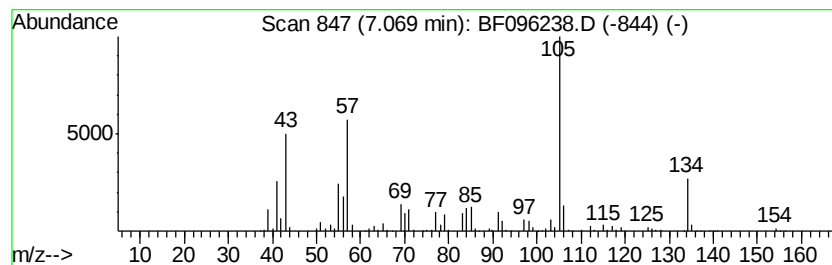
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 5-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	17.93 ng	1392830	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	59
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	53
3		Nonane	128	C9H20	000111-84-2	47
4		Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	47
5		Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	43



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Data File : BF096238.D
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Operator : SJ/MA
Sample : I3872-01 5X
Misc :
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ClientSampleId :
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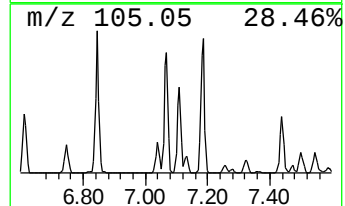
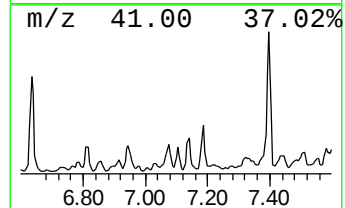
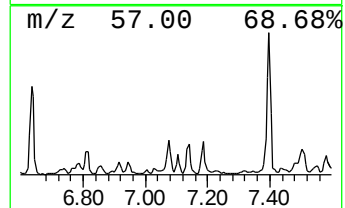
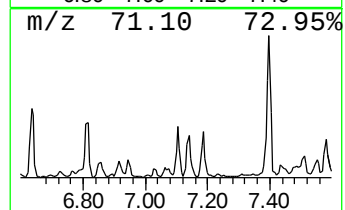
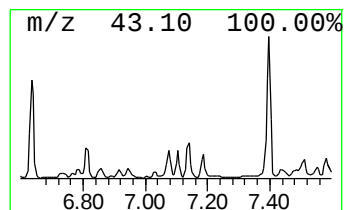
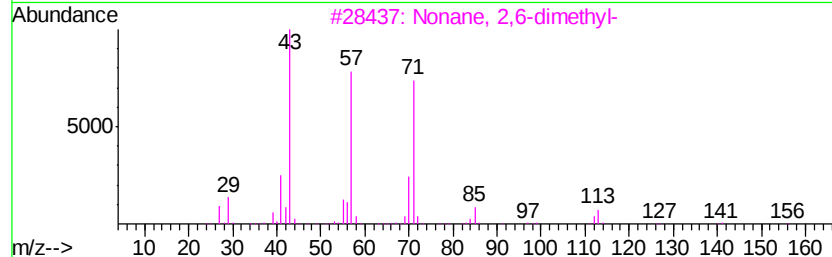
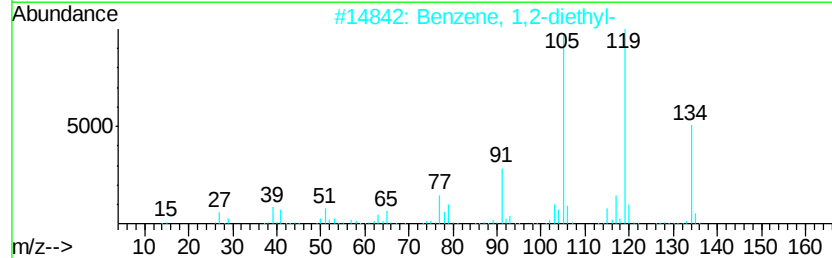
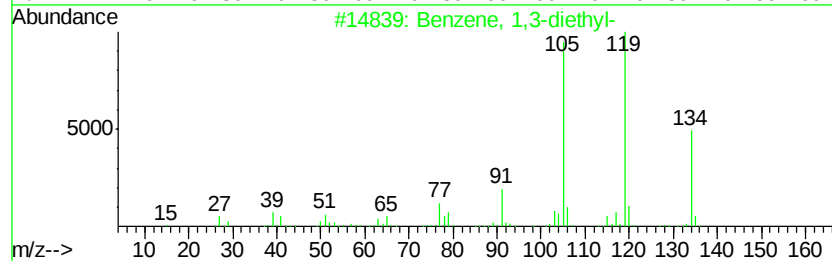
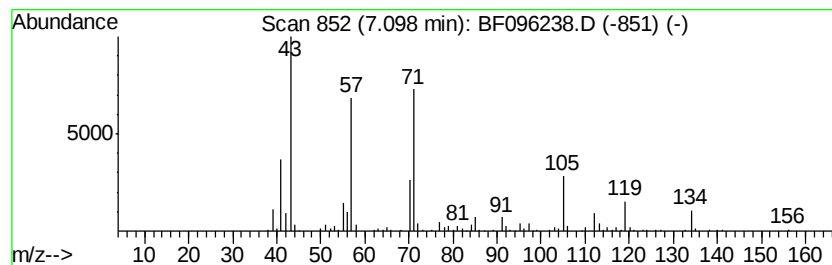
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	18.84 ng	1463610	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	92
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	53
4		Decane, 4-methyl-	156	C11H24	002847-72-5	52
5		m-Toluic acid, 2-tetrahydrofuryl...	220	C13H16O3	039252-19-2	47



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF062717\
Data File : BF096238.D
Acq On : 28 Jun 2017 1:25
Operator : SJ/MA
Sample : I3872-01 5X
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ClientSampleId :
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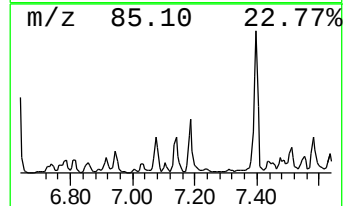
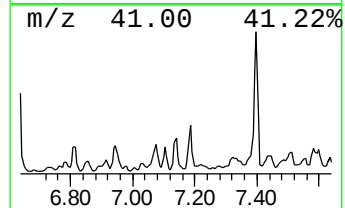
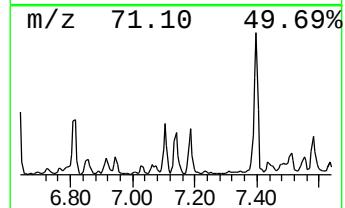
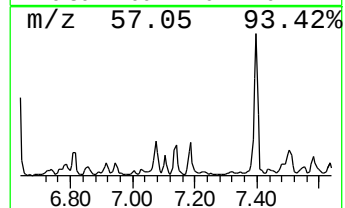
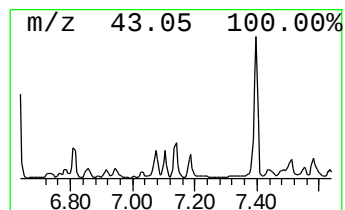
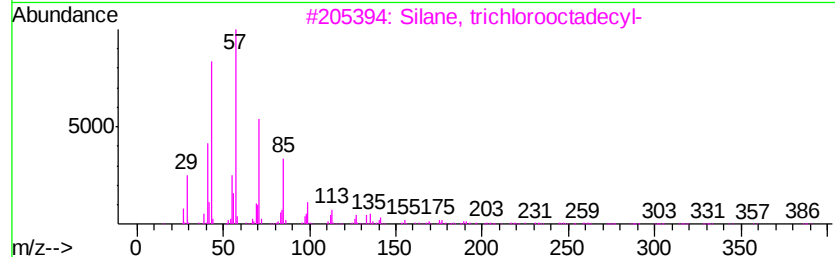
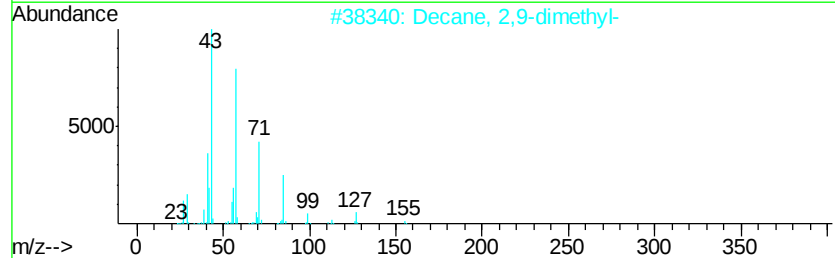
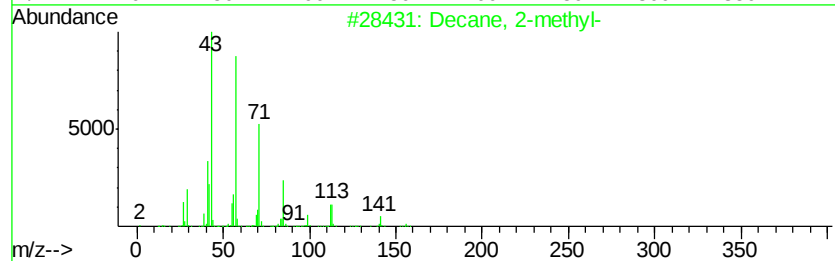
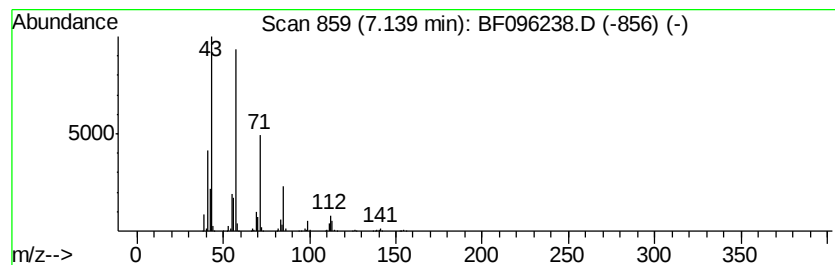
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	16.03 ng	1245220	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	78
2		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64
4		Tridecane	184	C13H28	000629-50-5	59
5		Tetracosane	338	C24H50	000646-31-1	59



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF062717\
Data File : BF096238.D
Acq On : 28 Jun 2017 1:25
Operator : SJ/MA
Sample : I3872-01 5X
Misc :
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ClientSampled :
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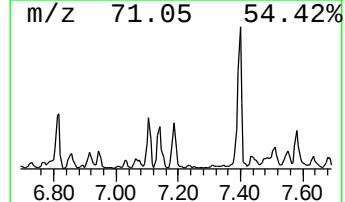
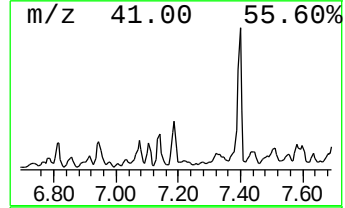
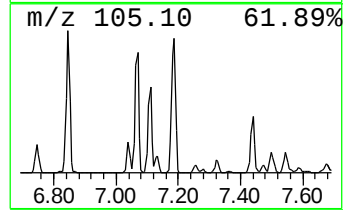
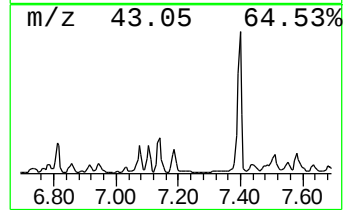
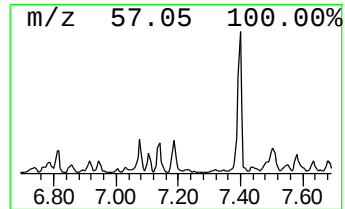
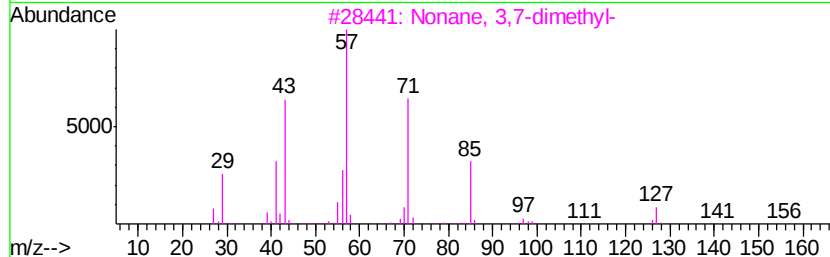
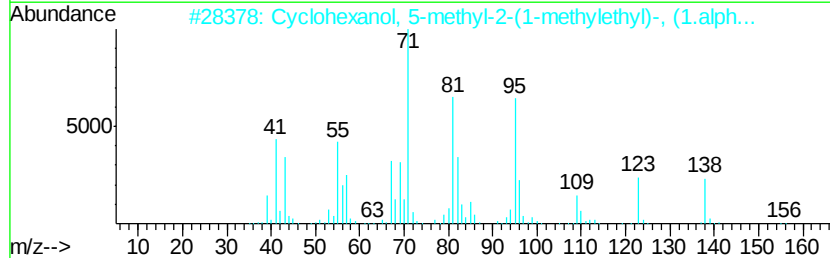
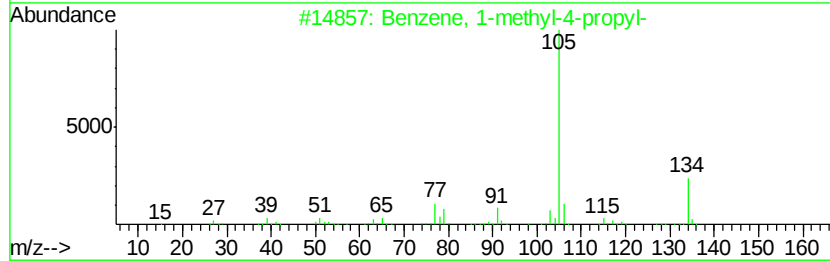
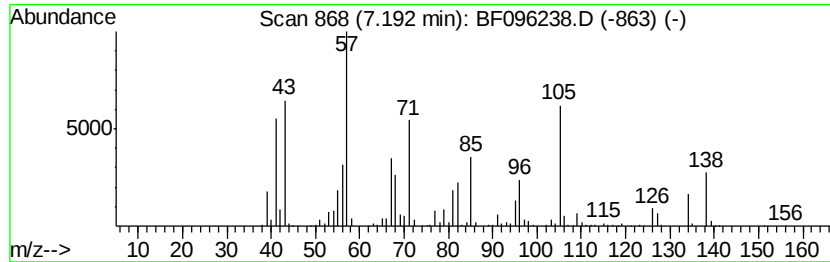
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-methyl-4-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	24.43 ng	1897710	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53
2		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	38
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	35
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35



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Data File : BF096238.D
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Operator : SJ/MA
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Misc :
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Instrument :
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ClientSampleId :
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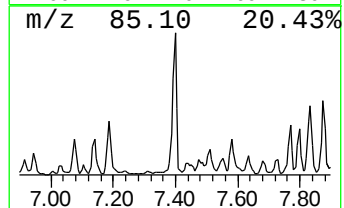
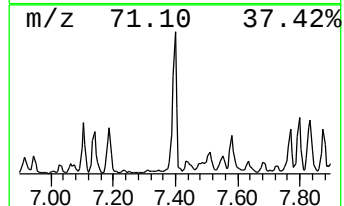
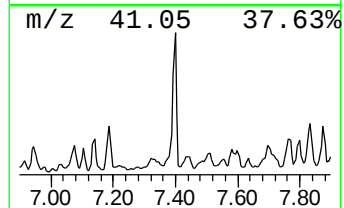
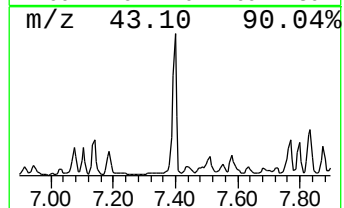
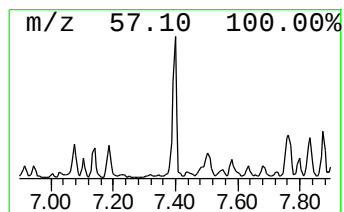
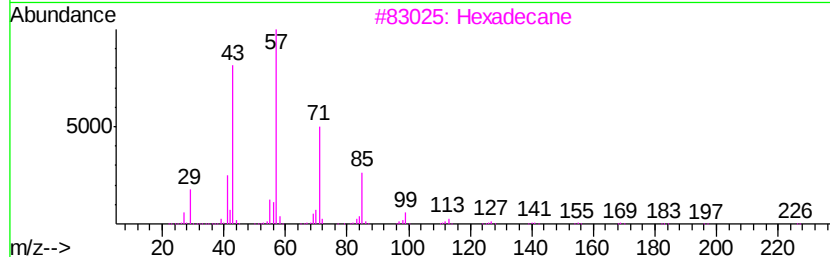
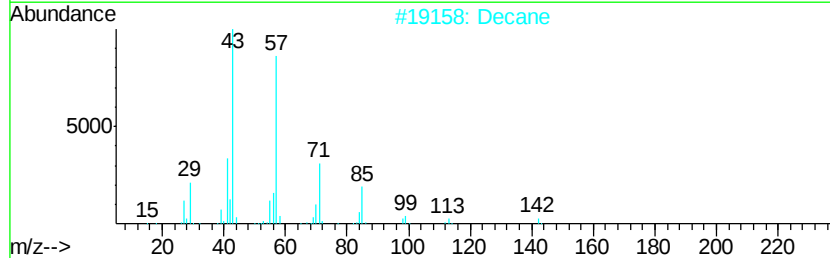
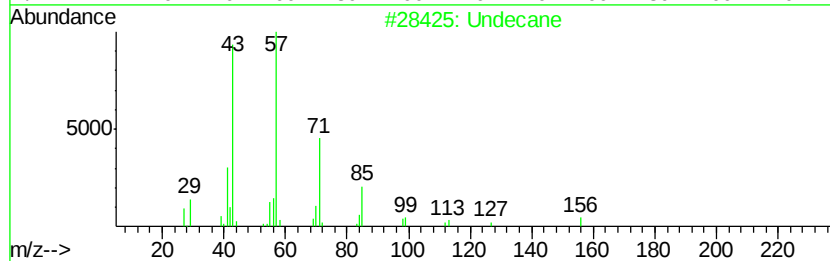
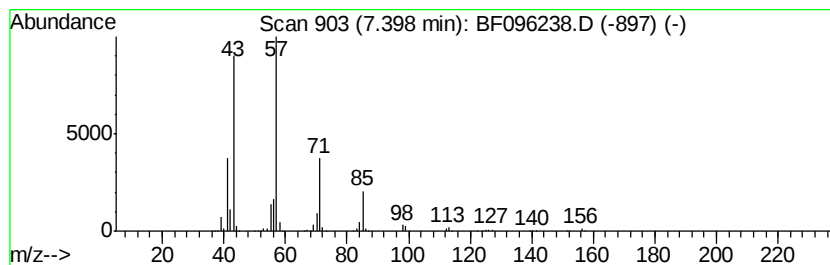
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	60.39 ng	4690020	1,4-Dichlorobenzene-d4	6.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	83
2	Decane		142	C10H22	000124-18-5	83
3	Hexadecane		226	C16H34	000544-76-3	83
4	Tridecane		184	C13H28	000629-50-5	78
5	Heptadecane, 2,6,10,14-tetramethyl-		296	C21H44	018344-37-1	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF062717\
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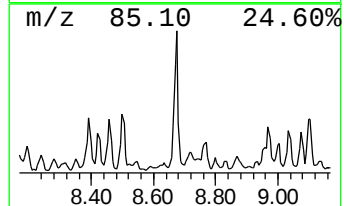
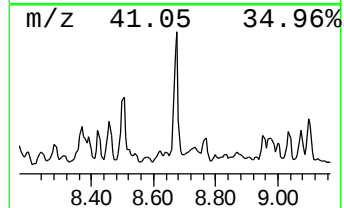
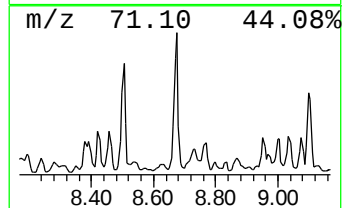
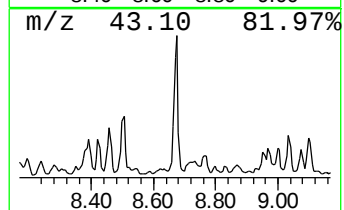
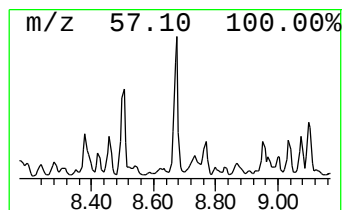
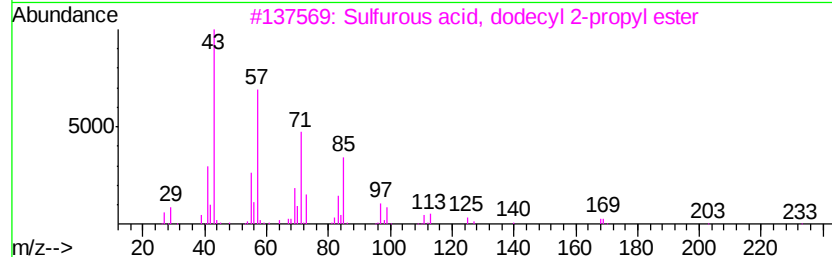
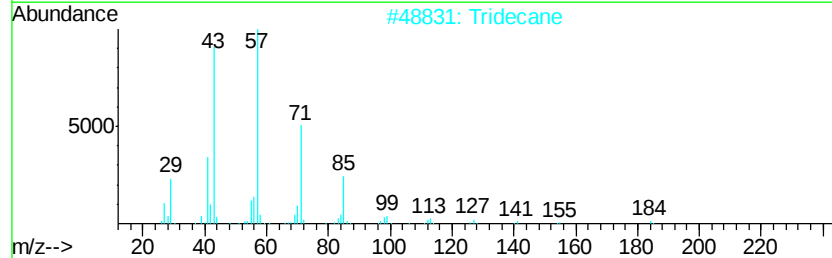
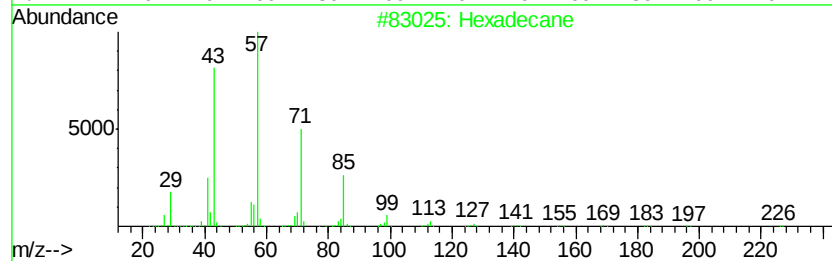
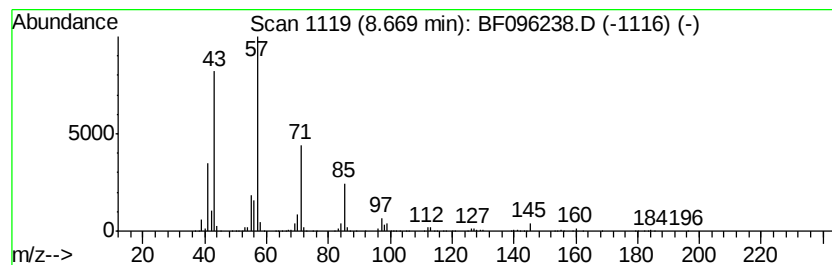
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	18.13 ng	5687790	Napthalene-d8	8.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	86
2	Tridecane	184 C13H28	000629-50-5	83
3	Sulfurous acid, dodecyl 2-propyl...	292 C15H32O3S	1000309-12-3	72
4	Dodecane	170 C12H26	000112-40-3	72
5	Dodecane, 2-methyl-	184 C13H28	001560-97-0	72



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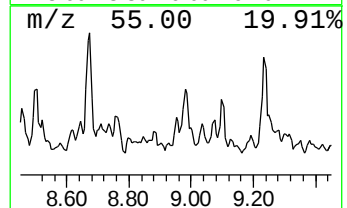
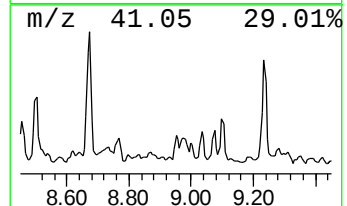
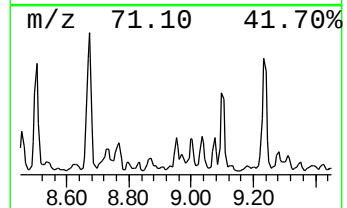
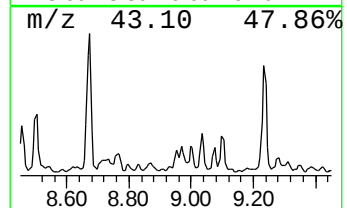
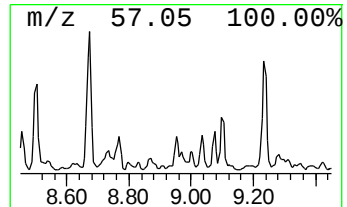
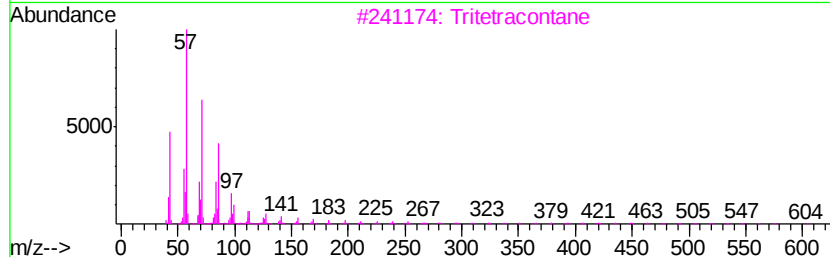
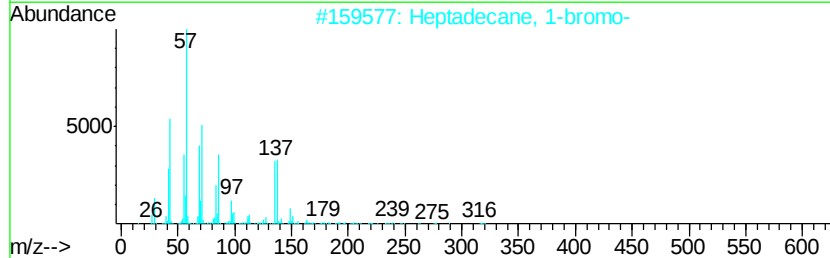
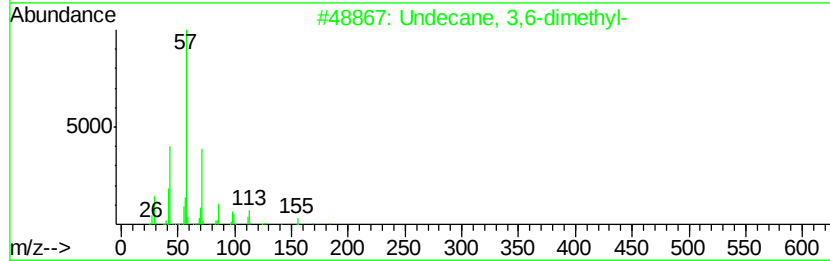
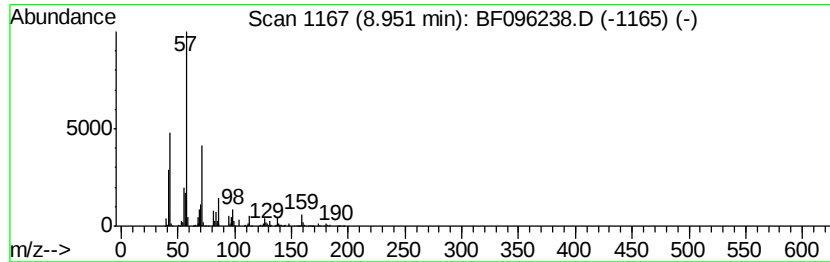
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.95	15.70 ng	1375780	Acenaphthene-d10	9.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
2	Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	59
3	Tritetracontane	605	C43H88	007098-21-7	53
4	Heptacosane	380	C27H56	000593-49-7	53
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF062717\
Data File : BF096238.D
Acq On : 28 Jun 2017 1:25
Operator : SJ/MA
Sample : I3872-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-062217-A

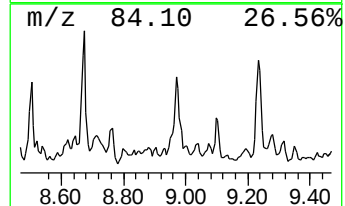
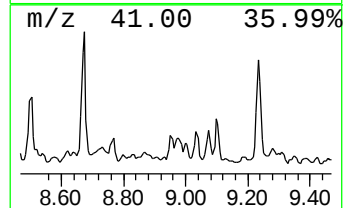
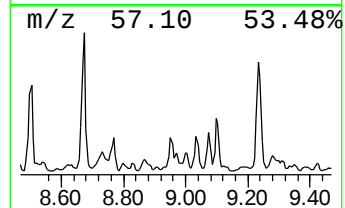
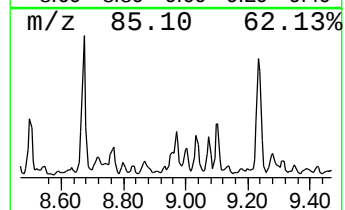
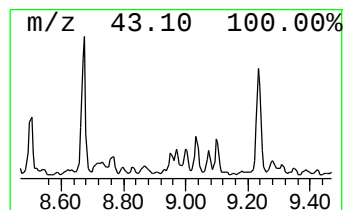
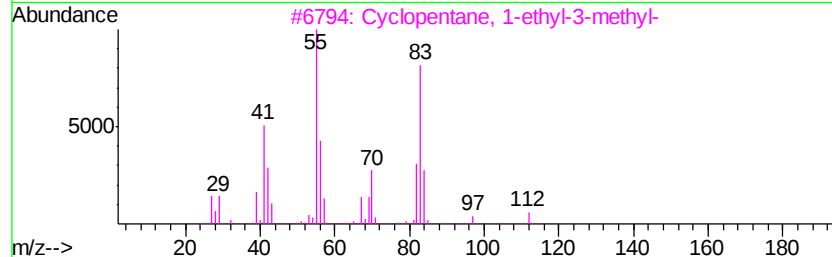
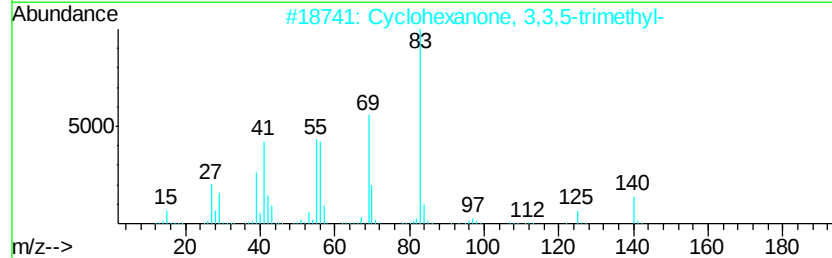
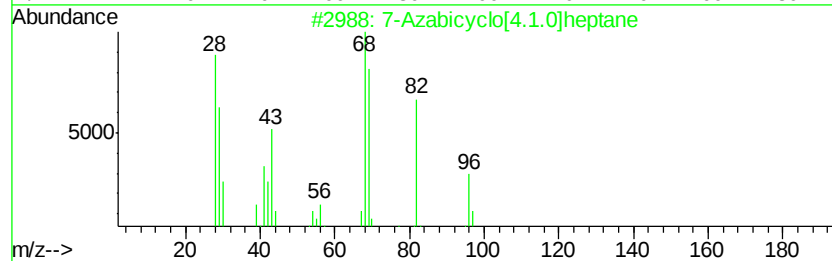
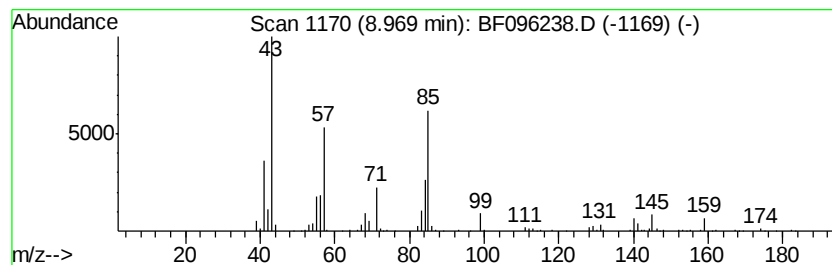
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown8.97 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	18.23 ng	1597960	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Azabicyclo[4.1.0]heptane	97	C6H11N	000286-18-0	38
2		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	35
3		Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	30
4		3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	27
5		Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	27



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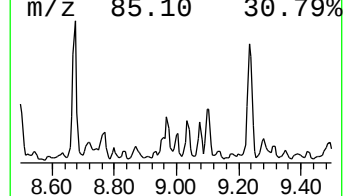
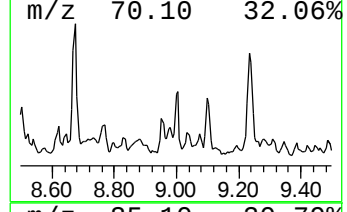
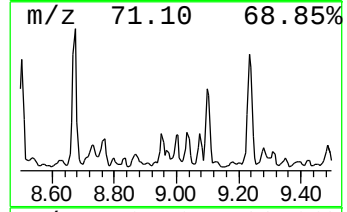
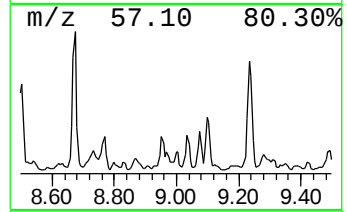
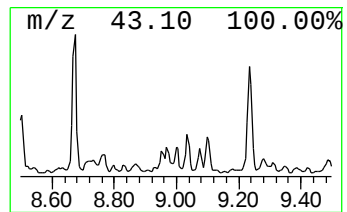
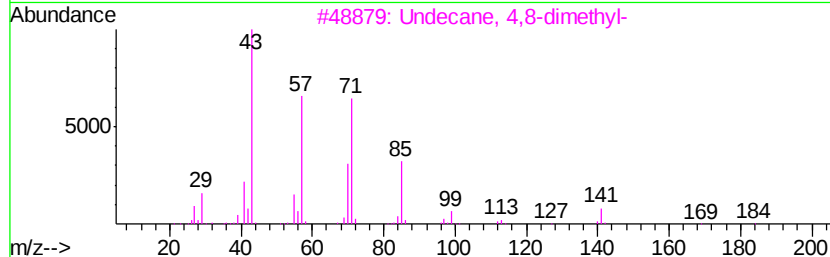
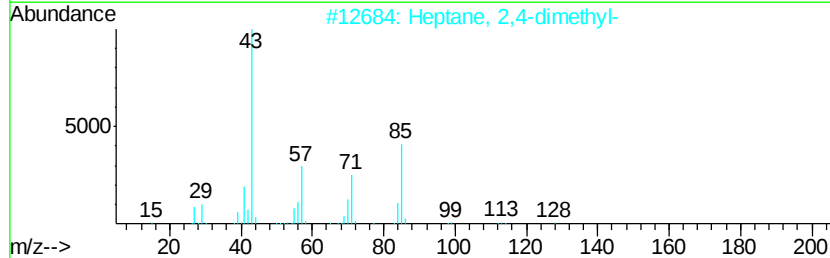
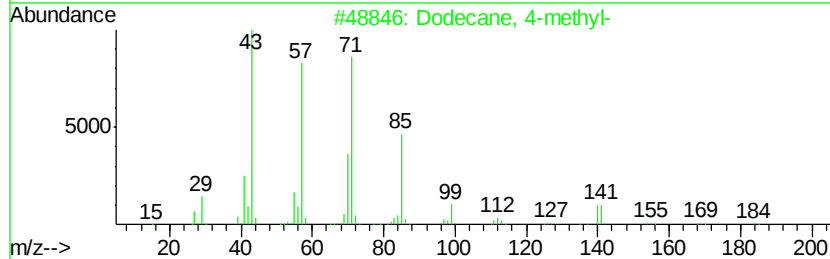
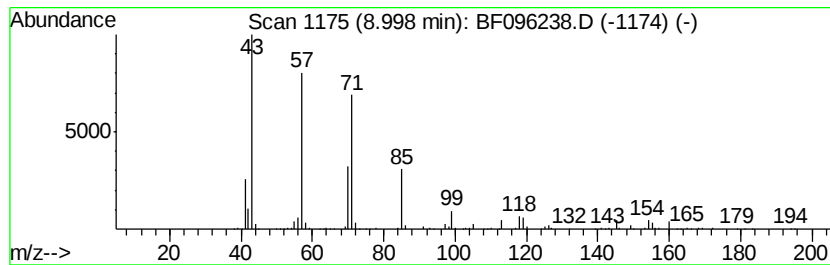
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	15.52 ng	1360190	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	50
2		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	47
3		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	47
4		Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	43
5		Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	43



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF062717\
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Sample : I3872-01 5X
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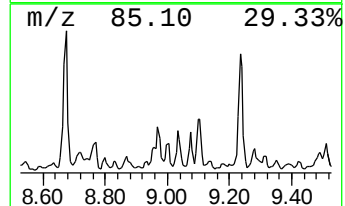
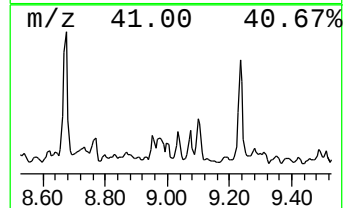
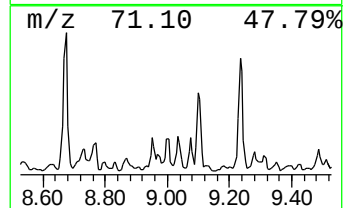
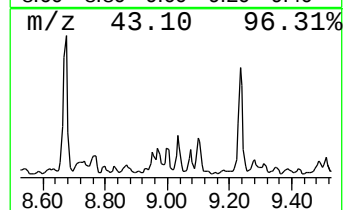
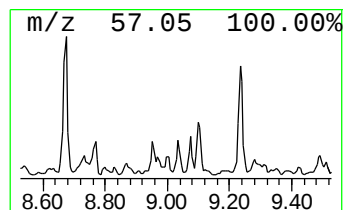
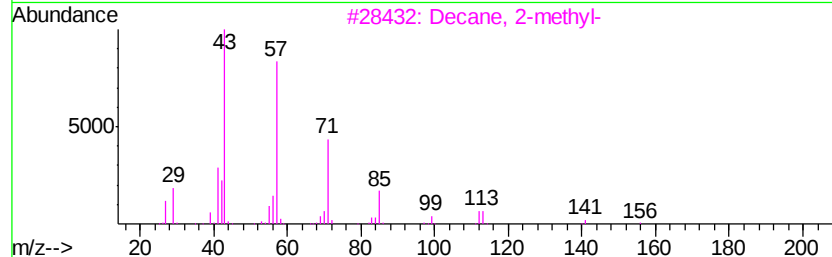
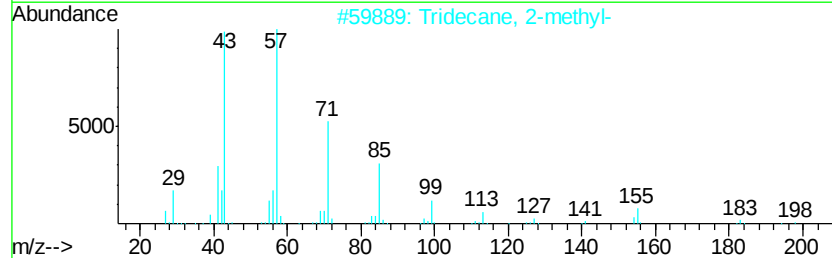
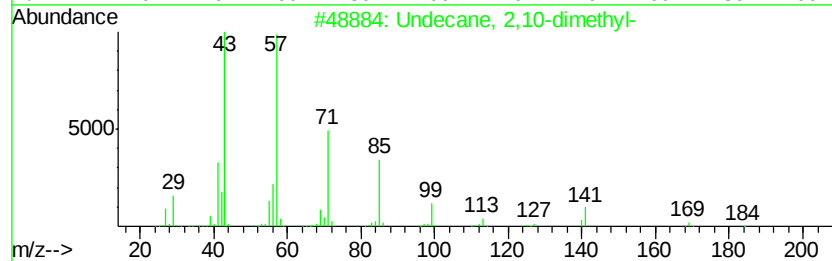
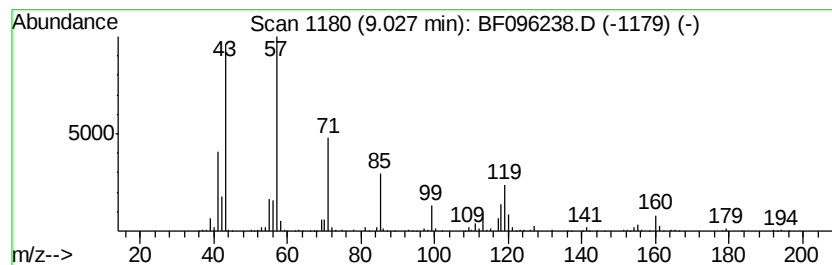
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Undecane, 2,10-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	18.22 ng	1596940	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 2,10-dimethyl-	184 C13H28	017301-27-8	58
2	Tridecane, 2-methyl-	198 C14H30	001560-96-9	58
3	Decane, 2-methyl-	156 C11H24	006975-98-0	49
4	Sulfurous acid, dodecyl 2-propyl...	292 C15H32O3S	1000309-12-3	47
5	Decane, 2,4-dimethyl-	170 C12H26	002801-84-5	47



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF062717\
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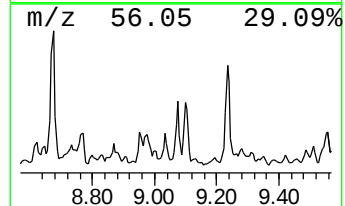
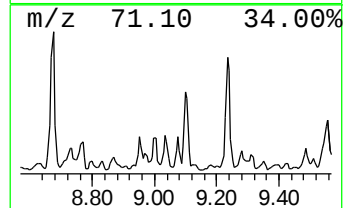
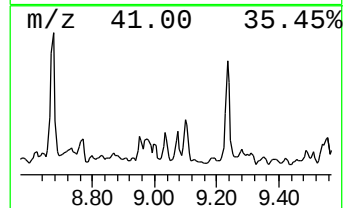
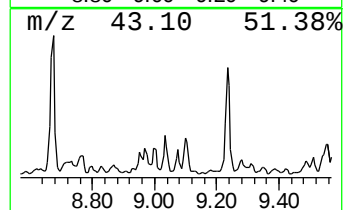
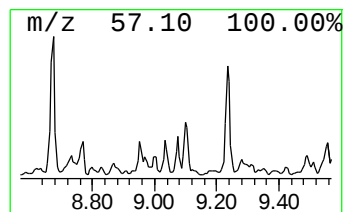
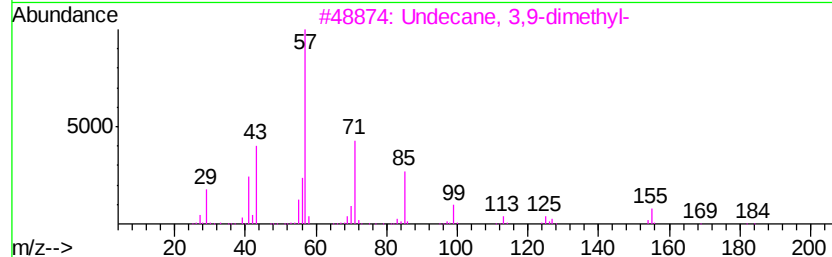
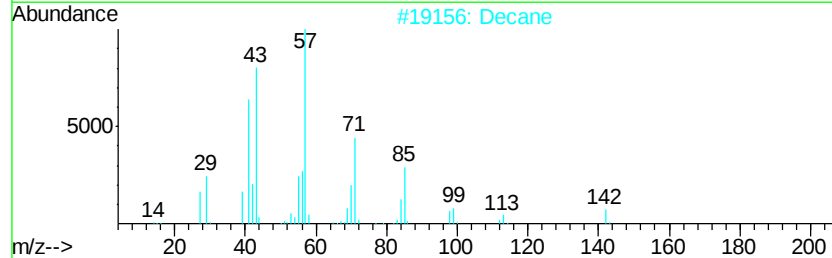
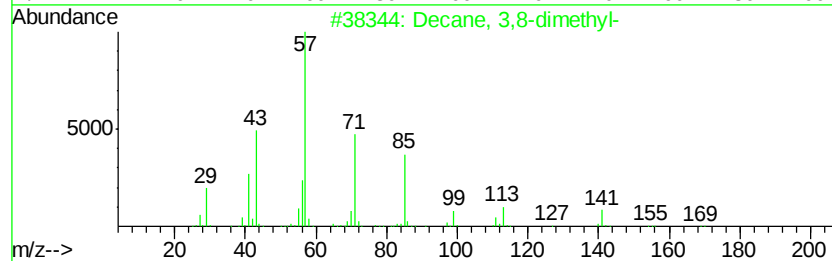
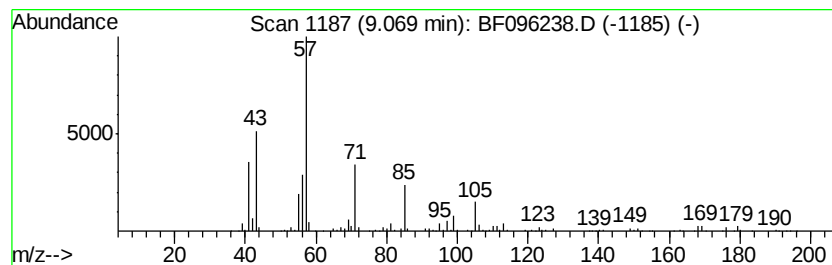
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Decane, 3,8-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	16.47 ng	1443860	Acenaphthene-d10	9.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
2			Decane	142	C10H22	000124-18-5	72
3			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64
4			Tridecane, 3-methyl-	198	C14H30	006418-41-3	59
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	50



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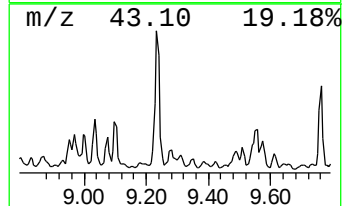
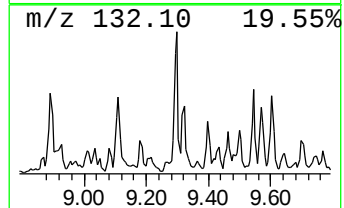
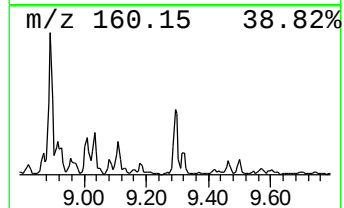
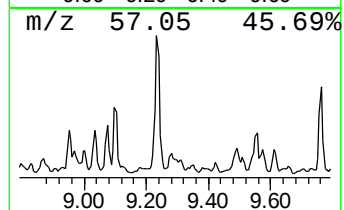
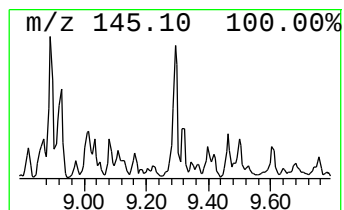
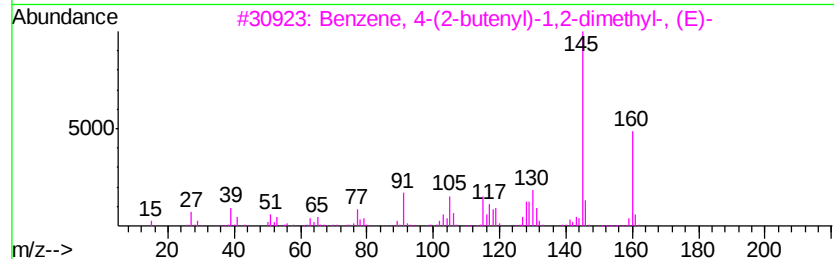
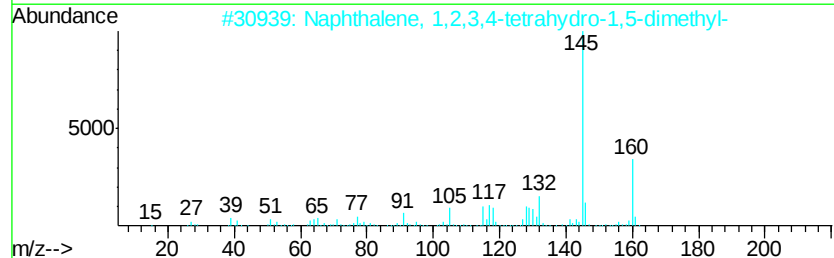
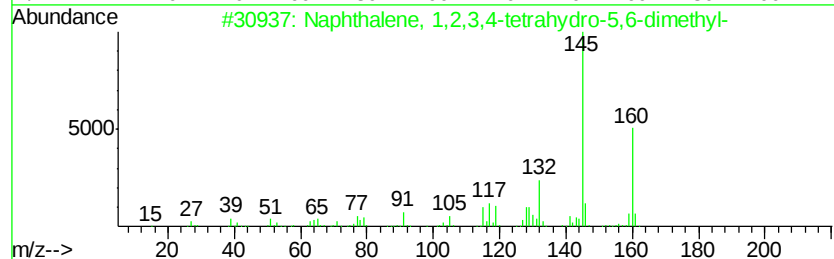
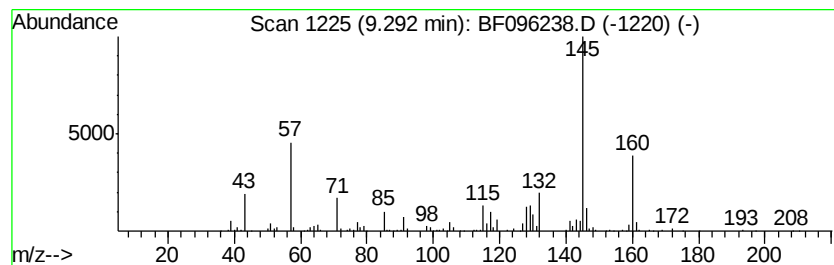
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	18.18 ng	1593630	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	93
3		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90
4		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	89
5		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	81



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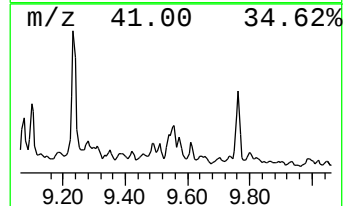
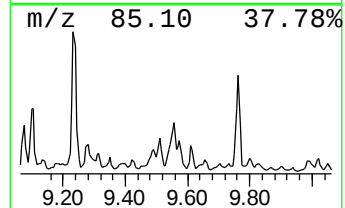
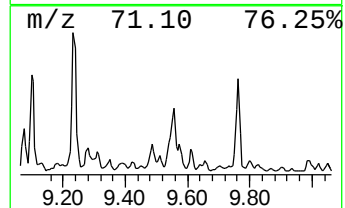
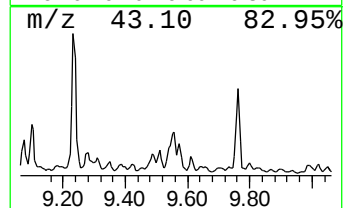
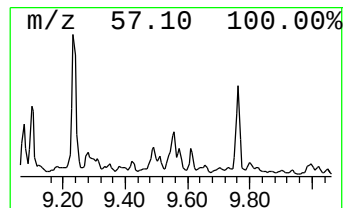
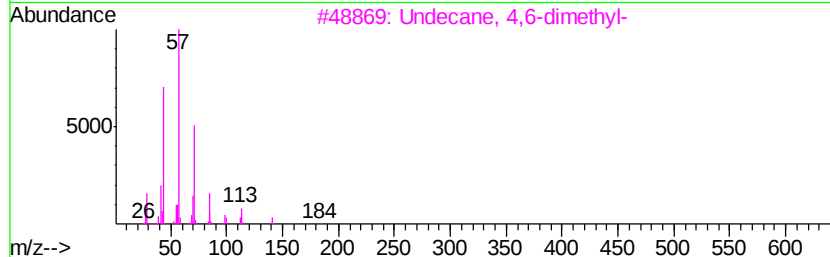
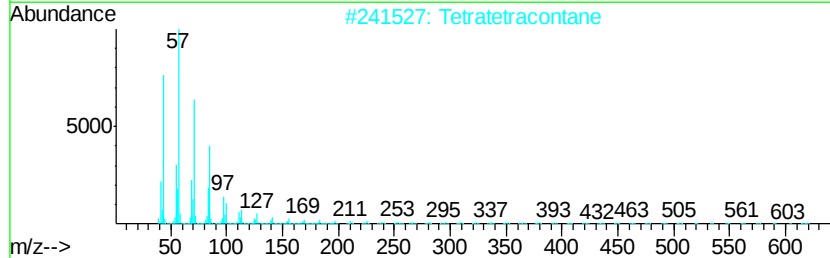
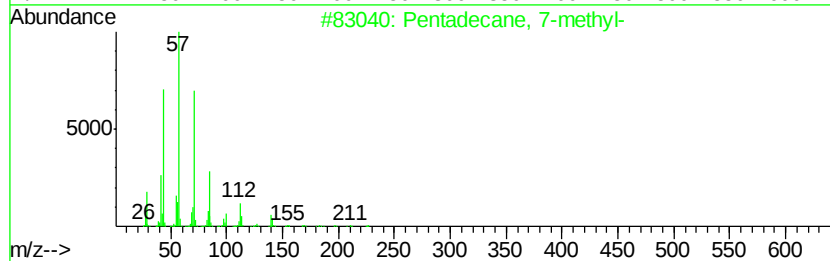
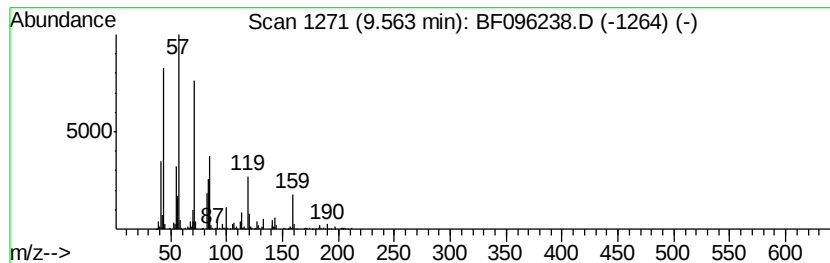
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	23.07 ng	2021600	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
2		Tetratetracontane	619	C44H90	007098-22-8	72
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	70
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	62



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Data File : BF096238.D
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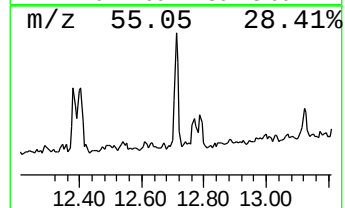
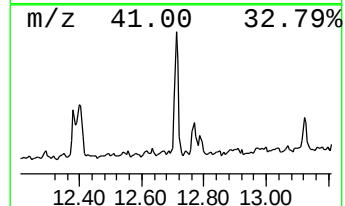
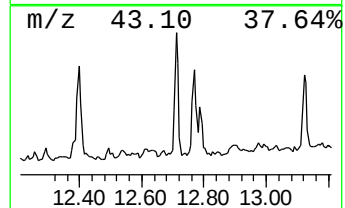
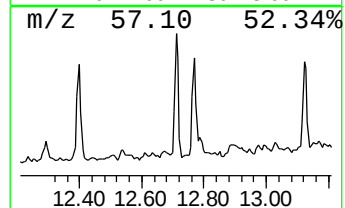
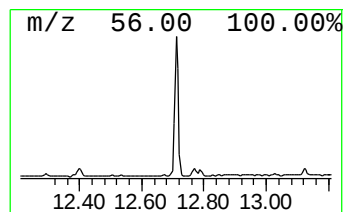
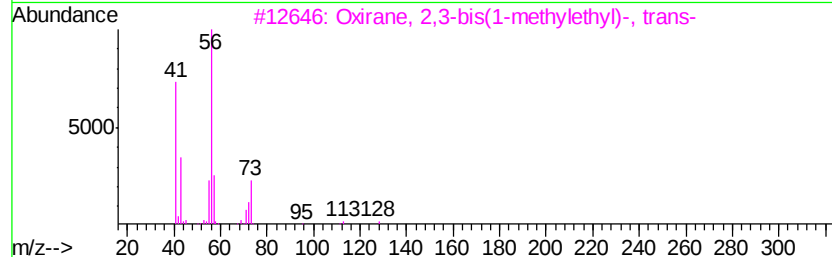
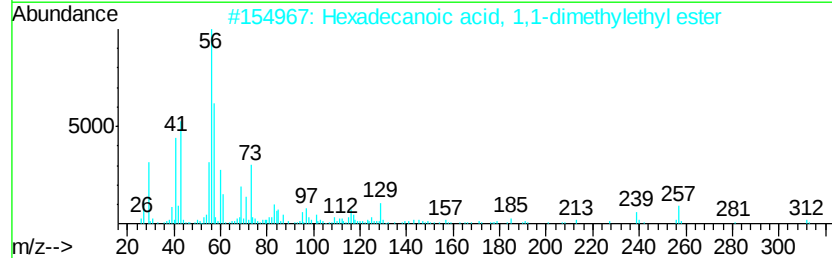
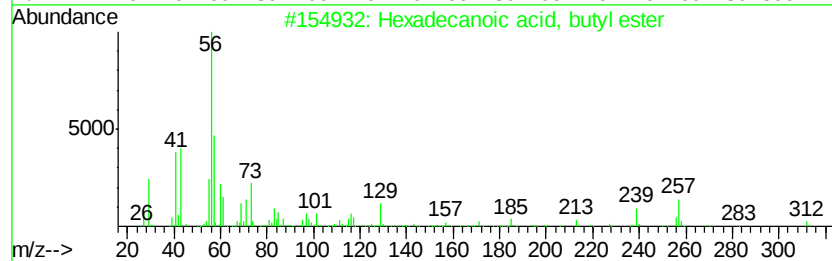
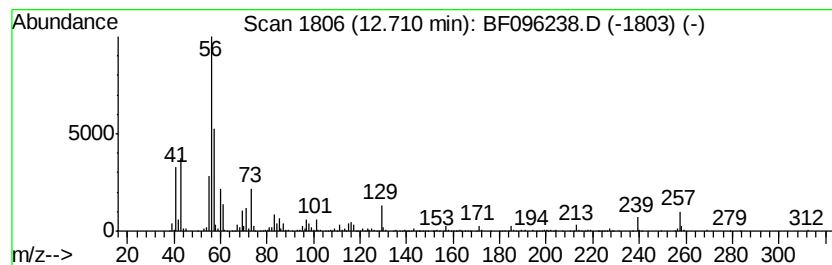
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecanoic acid, butyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	15.53 ng	742444	Chrysene-d12	13.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
3		Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	47
4		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
5		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF062717\
 Data File : BF096238.D
 Acq On : 28 Jun 2017 1:25
 Operator : SJ/MA
 Sample : I3872-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-062217-A

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.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
Isobutyl tetradec...	6.33	16.7	ng	1298150	1	6.78	1553330	20.0
unknown6.55	6.55	17.0	ng	1318030	1	6.78	1553330	20.0
Silane, trichloro...	6.63	42.9	ng	3331660	1	6.78	1553330	20.0
Decane, 5-methyl-	7.07	17.9	ng	1392830	1	6.78	1553330	20.0
Benzene, 1,3-diet...	7.10	18.8	ng	1463610	1	6.78	1553330	20.0
Decane, 2-methyl-	7.14	16.0	ng	1245220	1	6.78	1553330	20.0
Benzene, 1-methyl...	7.19	24.4	ng	1897710	1	6.78	1553330	20.0
Undecane	7.40	60.4	ng	4690020	1	6.78	1553330	20.0
Hexadecane	8.67	18.1	ng	5687790	2	8.06	6274510	20.0
Undecane, 3,6-dim...	8.95	15.7	ng	1375780	3	9.82	1752850	20.0
unknown8.97	8.97	18.2	ng	1597960	3	9.82	1752850	20.0
Dodecane, 4-methyl-	9.00	15.5	ng	1360190	3	9.82	1752850	20.0
Undecane, 2,10-di...	9.03	18.2	ng	1596940	3	9.82	1752850	20.0
Decane, 3,8-dimet...	9.07	16.5	ng	1443860	3	9.82	1752850	20.0
Naphthalene, 1,2,...	9.29	18.2	ng	1593630	3	9.82	1752850	20.0
Pentadecane, 7-me...	9.56	23.1	ng	2021600	3	9.82	1752850	20.0
Hexadecanoic acid...	12.71	15.5	ng	742444	5	13.92	955874	20.0