

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105334.D
 Acq On : 12 May 2018 13:52
 Operator : JU/SJ
 Sample : J2675-05 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051018-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-BF051018.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	5.393	559	562	572	rVB	241464	283622	12.34%	0.699%
2	5.687	608	612	618	rBV	122109	123067	5.35%	0.303%
3	6.028	667	670	676	rVV3	153303	217639	9.47%	0.537%
4	6.222	697	703	705	rBV	99140	124254	5.41%	0.306%
5	6.281	711	713	715	rVB	146907	104192	4.53%	0.257%
6	6.310	715	718	721	rBV	334858	325974	14.18%	0.804%
7	6.369	726	728	730	rBV	128155	143301	6.23%	0.353%
8	6.416	733	736	741	rBV2	259596	338760	14.74%	0.835%
9	6.522	750	754	757	rBV4	131431	216401	9.41%	0.534%
10	6.551	757	759	766	rVB2	427408	497599	21.65%	1.227%
11	6.622	766	771	773	rBV2	1111504	1179857	51.33%	2.909%
12	6.787	796	799	803	rVV2	956278	1115848	48.54%	2.751%
13	6.840	805	808	811	rVV	275742	234804	10.21%	0.579%
14	6.940	820	825	828	rBV2	469281	617937	26.88%	1.524%
15	7.057	842	845	848	rVB	435089	441506	19.21%	1.089%
16	7.087	848	850	852	rBV	218693	240469	10.46%	0.593%
17	7.104	852	853	854	rVV	274257	148687	6.47%	0.367%
18	7.122	854	856	860	rVB	369824	311310	13.54%	0.768%
19	7.175	861	865	868	rBV2	398060	481435	20.94%	1.187%
20	7.210	868	871	875	rVB3	87612	111188	4.84%	0.274%
21	7.251	875	878	880	rBV	127761	137099	5.96%	0.338%
22	7.322	884	890	892	rBV2	384783	482663	21.00%	1.190%
23	7.351	892	895	898	rVV3	264637	426203	18.54%	1.051%
24	7.381	898	900	904	rVB	2064724	1673371	72.79%	4.126%
25	7.434	904	909	912	rVB5	330947	441450	19.20%	1.088%
26	7.469	912	915	916	rBV	165111	166730	7.25%	0.411%
27	7.498	917	920	923	rVB4	154219	169340	7.37%	0.418%
28	7.563	928	931	933	rVV2	214450	227107	9.88%	0.560%
29	7.587	933	935	938	rVB2	314131	345470	15.03%	0.852%
30	7.669	945	949	950	rBV3	130698	129611	5.64%	0.320%
31	7.687	950	952	954	rVV2	304223	259181	11.27%	0.639%
32	7.710	954	956	959	rVV3	262501	265118	11.53%	0.654%
33	7.751	959	963	965	rVB3	290626	362702	15.78%	0.894%
34	7.781	965	968	970	rBV3	305683	273420	11.89%	0.674%

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35	7.816	970	974	979	rVB2	504436	728867	31.71%	1.797%
36	7.863	979	982	983	rBV	237921	191459	8.33%	0.472%
37	7.887	983	986	988	rVV3	138253	129183	5.62%	0.319%
38	7.910	988	990	992	rVB	230885	180377	7.85%	0.445%
39	7.939	992	995	998	rBV2	159414	171260	7.45%	0.422%
40	7.969	998	1000	1004	rBV2	107482	108514	4.72%	0.268%
41	8.022	1004	1009	1011	rBV5	168550	305436	13.29%	0.753%
42	8.051	1011	1014	1016	rVV	2476953	2298789	100.00%	5.668%
43	8.069	1016	1017	1020	rVV	1386920	975255	42.42%	2.405%
44	8.128	1023	1027	1030	rVB	870919	805230	35.03%	1.985%
45	8.157	1030	1032	1034	rBV3	204814	176994	7.70%	0.436%
46	8.222	1039	1043	1045	rBV4	132634	158340	6.89%	0.390%
47	8.269	1048	1051	1054	rVV2	266548	259851	11.30%	0.641%
48	8.310	1056	1058	1061	rVV4	69714	97592	4.25%	0.241%
49	8.357	1061	1066	1073	rVV5	471190	784630	34.13%	1.935%
50	8.410	1073	1075	1078	rVV3	286204	275499	11.98%	0.679%
51	8.445	1078	1081	1085	rVV3	435317	447002	19.45%	1.102%
52	8.486	1085	1088	1090	rVV	947777	759532	33.04%	1.873%
53	8.510	1090	1092	1094	rVV	198951	181684	7.90%	0.448%
54	8.534	1094	1096	1100	rVB4	130010	114615	4.99%	0.283%
55	8.575	1100	1103	1105	rBV	403288	339545	14.77%	0.837%
56	8.604	1105	1108	1111	rBV4	125973	169320	7.37%	0.417%
57	8.657	1114	1117	1121	rVV	2100259	1812500	78.85%	4.469%
58	8.728	1125	1129	1131	rVV3	280788	364073	15.84%	0.898%
59	8.751	1131	1133	1136	rVB2	256534	268227	11.67%	0.661%
60	8.781	1136	1138	1142	rVB	142185	94986	4.13%	0.234%
61	8.839	1146	1148	1152	rBV4	100097	164910	7.17%	0.407%
62	8.892	1154	1157	1159	rVV2	254213	254557	11.07%	0.628%
63	8.939	1162	1165	1167	rVV2	189497	196360	8.54%	0.484%
64	8.975	1169	1171	1175	rVB4	181270	230312	10.02%	0.568%
65	9.022	1175	1179	1183	rVB3	288486	326179	14.19%	0.804%
66	9.063	1183	1186	1187	rBV	202664	158984	6.92%	0.392%
67	9.086	1187	1190	1192	rBV	605964	430953	18.75%	1.063%
68	9.139	1196	1199	1204	rVB	511444	495745	21.57%	1.222%
69	9.222	1209	1213	1218	rBV	1777828	1592983	69.30%	3.928%
70	9.292	1223	1225	1228	rVB2	167186	143531	6.24%	0.354%
71	9.410	1243	1245	1250	rVB4	109635	104120	4.53%	0.257%

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72	9.481	1254	1257	1258	rVV	191441	191234	8.32%	0.471%
73	9.498	1258	1260	1263	rVV2	199068	195006	8.48%	0.481%
74	9.539	1263	1267	1270	rVV3	597063	759375	33.03%	1.872%
75	9.563	1270	1271	1274	rVV2	212996	156305	6.80%	0.385%
76	9.598	1275	1277	1281	rVB3	163386	133007	5.79%	0.328%
77	9.686	1289	1292	1296	rBV5	93875	144342	6.28%	0.356%
78	9.751	1300	1303	1308	rVV	1172934	993407	43.21%	2.449%
79	9.822	1308	1315	1320	rVV2	1398590	1437989	62.55%	3.545%
80	9.981	1339	1342	1345	rVV3	84601	124790	5.43%	0.308%
81	10.010	1345	1347	1351	rVV2	114913	152449	6.63%	0.376%
82	10.075	1354	1358	1361	rVV3	142918	204295	8.89%	0.504%
83	10.139	1366	1369	1376	rBV5	63368	131589	5.72%	0.324%
84	10.251	1381	1388	1391	rBV2	715317	729285	31.72%	1.798%
85	10.310	1395	1398	1402	rVB4	83623	96569	4.20%	0.238%
86	10.469	1420	1425	1431	rVB	206413	257730	11.21%	0.635%
87	10.610	1446	1449	1453	rVB	321125	286706	12.47%	0.707%
88	10.722	1465	1468	1474	rBV	415524	565984	24.62%	1.395%
89	11.175	1542	1545	1547	rBV	211214	185625	8.07%	0.458%
90	11.198	1547	1549	1555	rVB	90454	103696	4.51%	0.256%
91	11.310	1564	1568	1580	rBV	1571826	1458629	63.45%	3.596%
92	11.598	1614	1617	1620	rBV	145224	113362	4.93%	0.279%
93	12.392	1749	1752	1757	rVB2	84028	102210	4.45%	0.252%
94	12.892	1834	1837	1845	rBV	597612	538947	23.44%	1.329%
95	13.169	1881	1884	1889	rVV	86213	94116	4.09%	0.232%
96	13.621	1958	1961	1966	rVB	75811	93743	4.08%	0.231%
97	13.980	2018	2022	2031	rBV	1050675	1160435	50.48%	2.861%
98	14.068	2034	2037	2044	rVB2	79696	113935	4.96%	0.281%
99	14.498	2106	2110	2116	rBV3	64295	100859	4.39%	0.249%
100	15.510	2277	2282	2287	rBV	779782	1018648	44.31%	2.512%

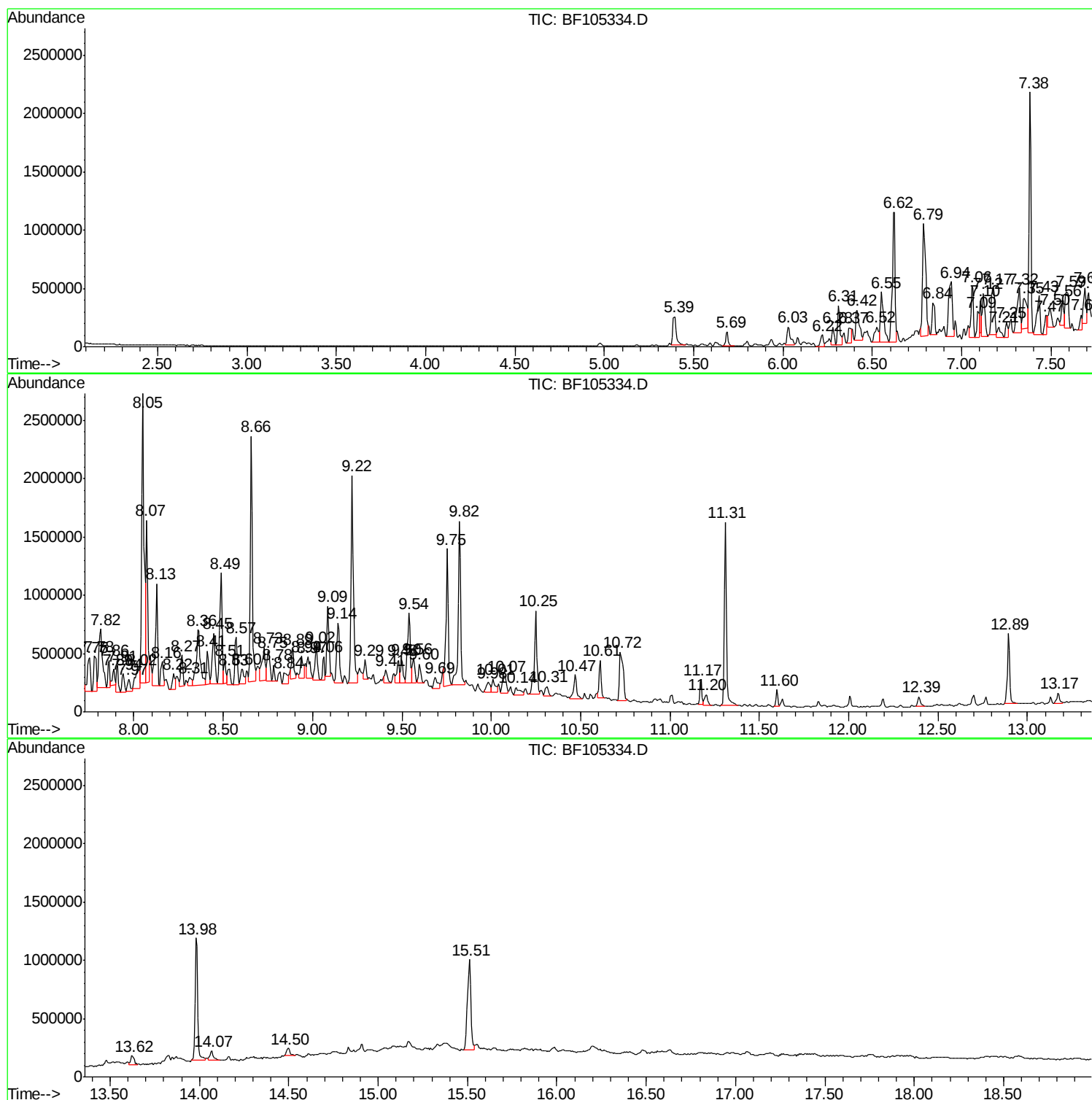
Sum of corrected areas: 40558976

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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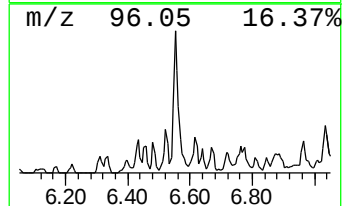
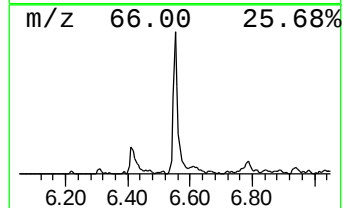
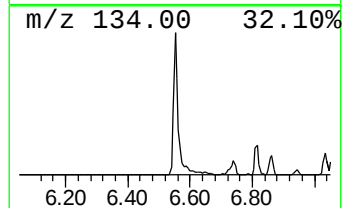
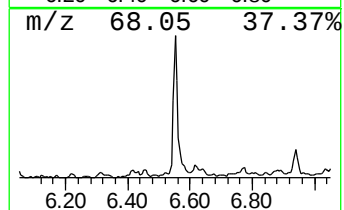
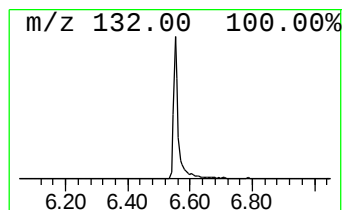
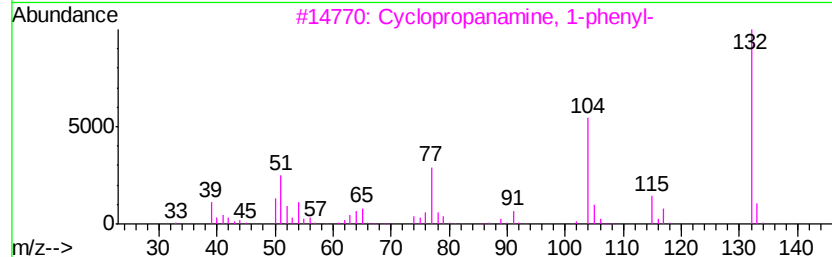
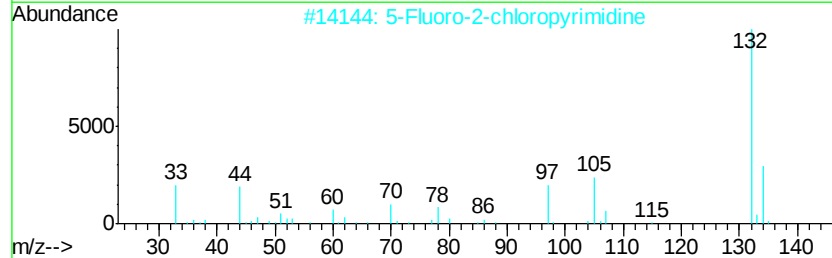
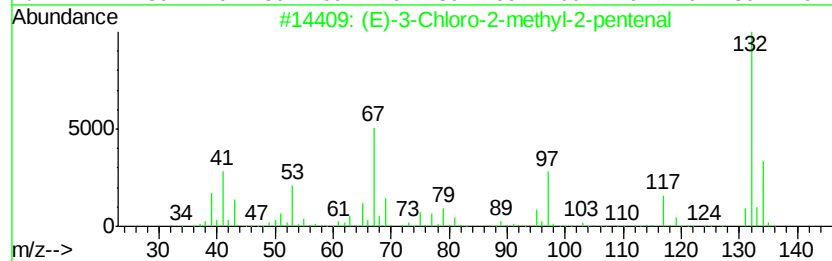
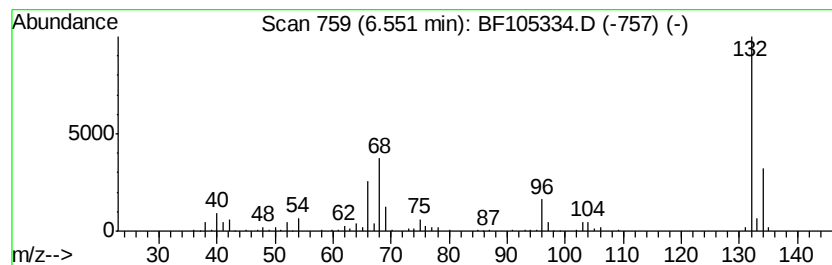
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.55 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	8.92 ng	497599	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
3		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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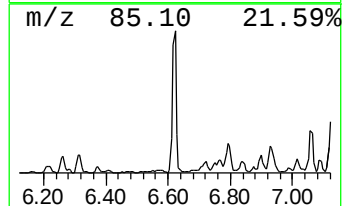
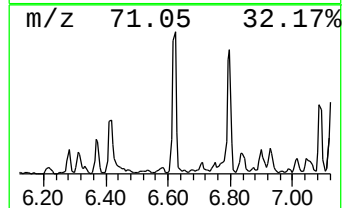
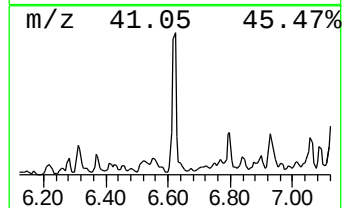
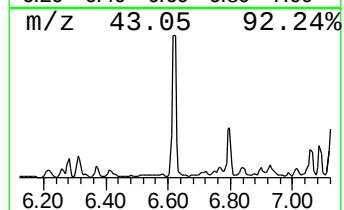
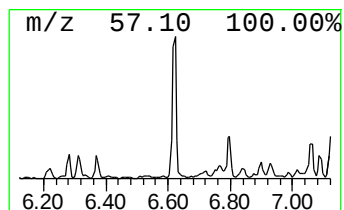
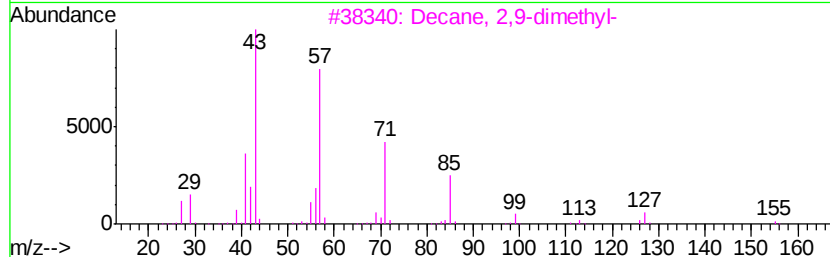
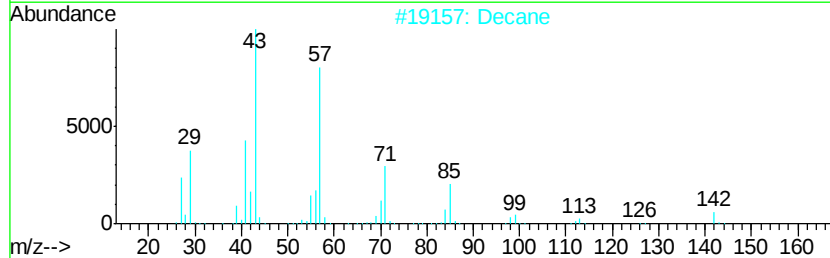
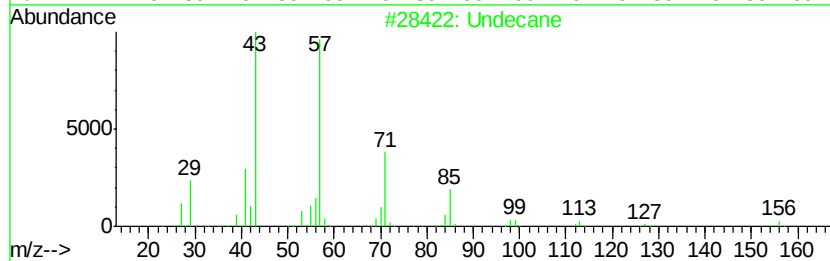
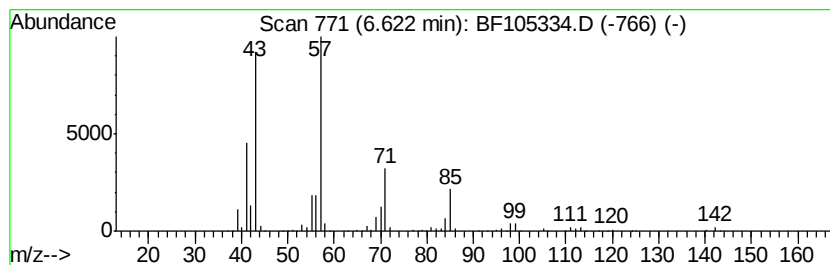
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	21.15 ng	1179860	1,4-Dichlorobenzene-d4	6.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	78
2	Decane		142	C10H22	000124-18-5	78
3	Decane, 2,9-dimethyl-		170	C12H26	001002-17-1	59
4	Octane, 2,3,3-trimethyl-		156	C11H24	062016-30-2	53
5	Tetradecane		198	C14H30	000629-59-4	53



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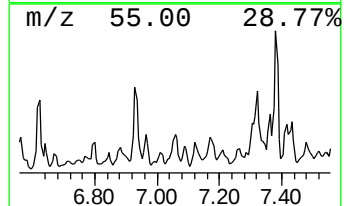
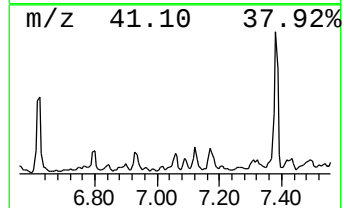
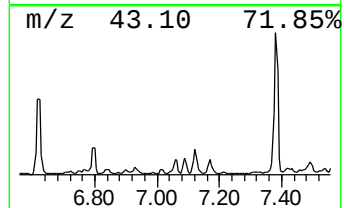
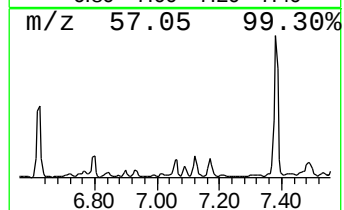
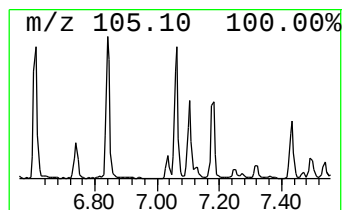
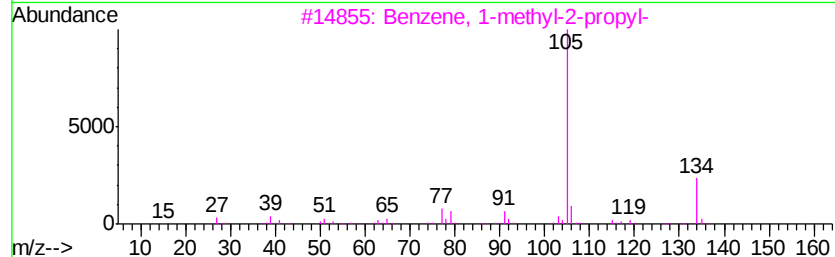
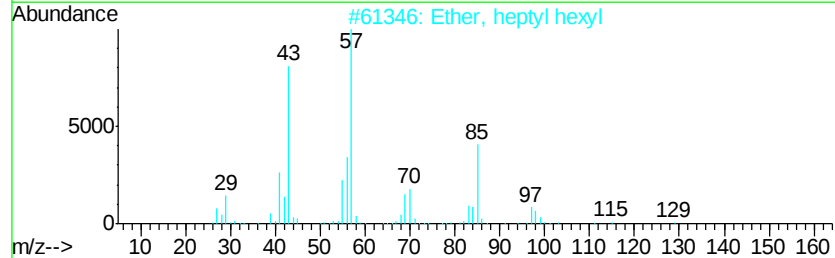
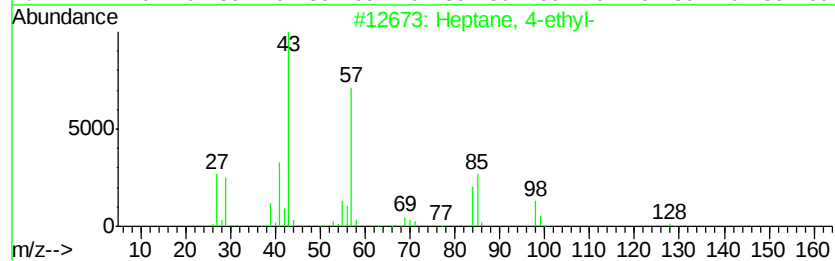
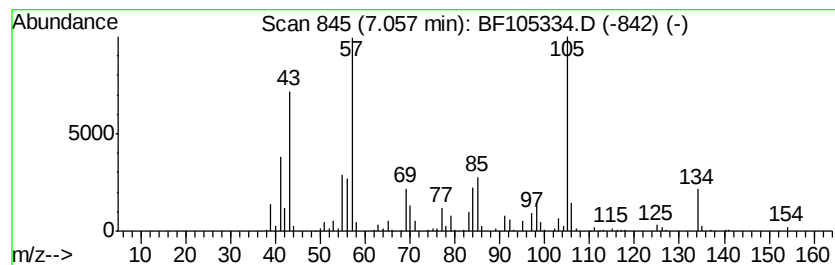
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Peak Number 4 unknown7.06 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	7.91 ng	441506	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	43
2		Ether, heptyl hexyl	200	C13H28O	007289-40-9	43
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
4		Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	38
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105334.D
Acq On : 12 May 2018 13:52
Operator : JU/SJ
Sample : J2675-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-051018-B

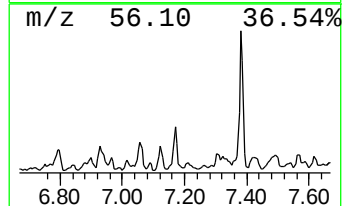
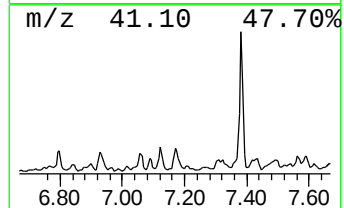
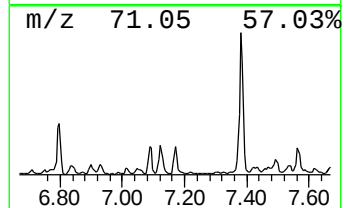
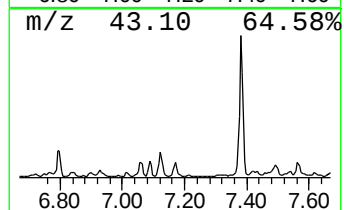
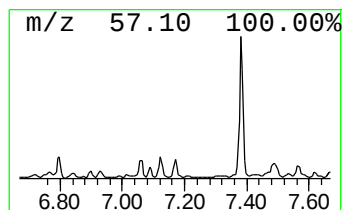
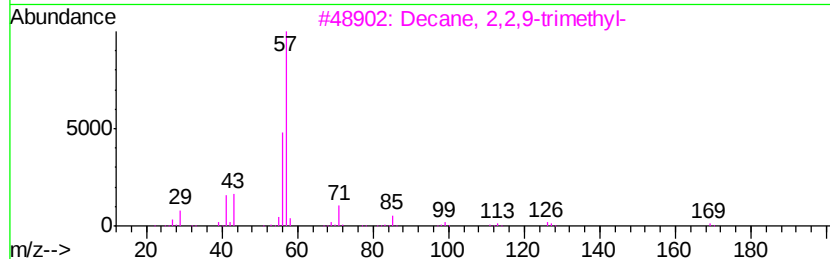
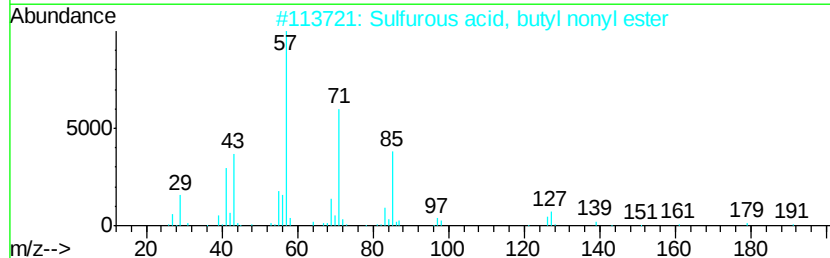
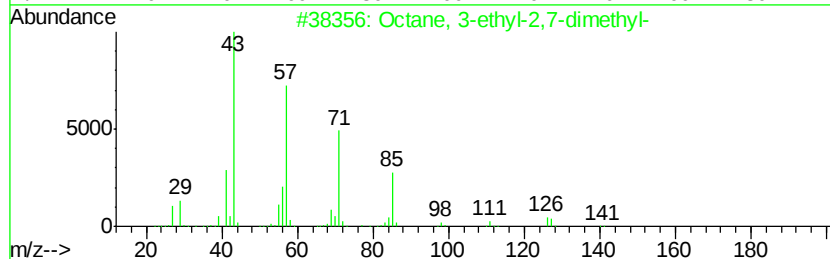
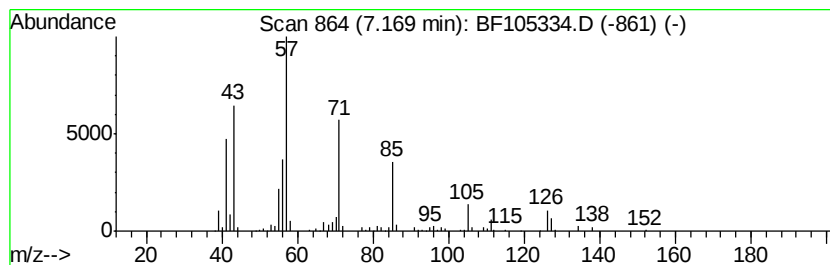
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.17 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	8.63 ng	481435	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	27
2		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	27
3		Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	27
4		Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	27
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051218\
Data File : BF105334.D
Acq On : 12 May 2018 13:52
Operator : JU/SJ
Sample : J2675-05 10X
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ALS Vial : 4 Sample Multiplier: 1

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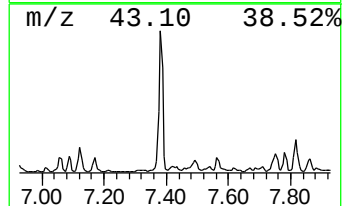
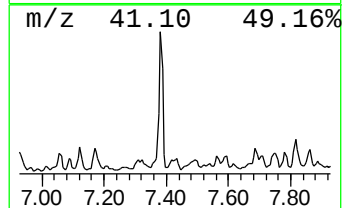
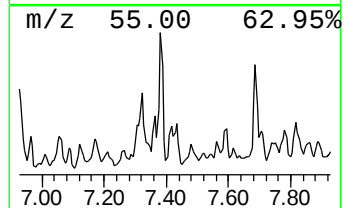
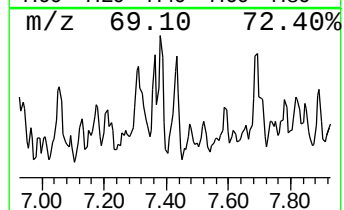
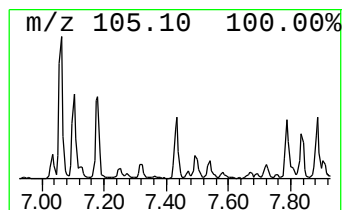
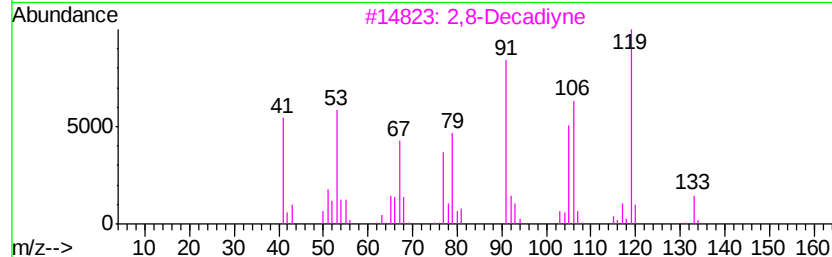
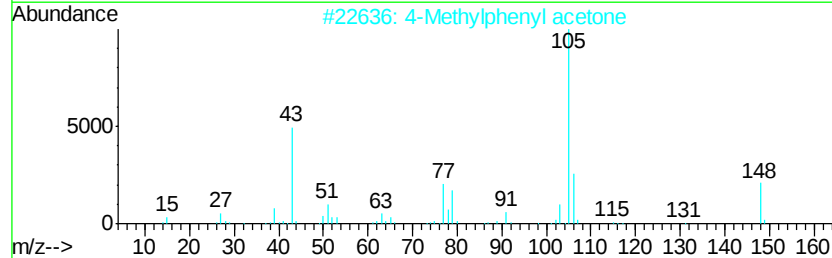
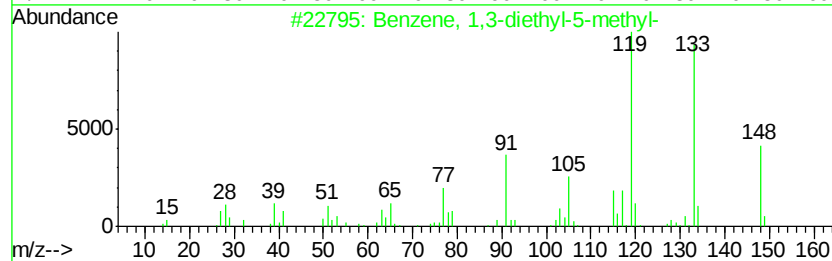
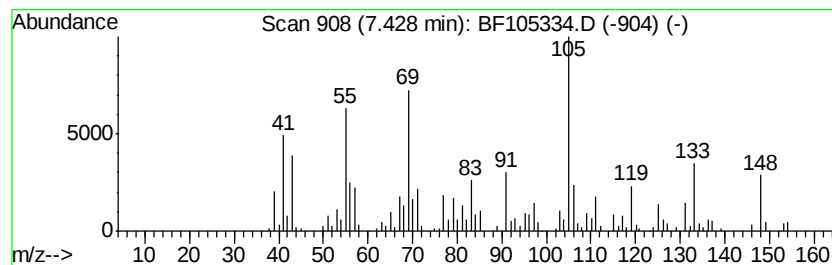
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.43 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	9.05 ng	441450	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
2		4-Methylphenyl acetone	148	C10H12O	002096-86-8	35
3		2,8-Decadiyne	134	C10H14	004116-93-2	35
4		4-Aminostyrene	119	C8H9N	001520-21-4	27
5		o-Cymene	134	C10H14	000527-84-4	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
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Acq On : 12 May 2018 13:52
Operator : JU/SJ
Sample : J2675-05 10X
Misc :
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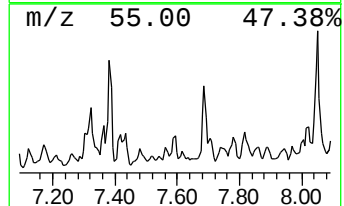
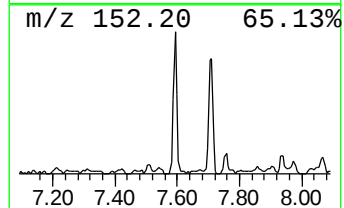
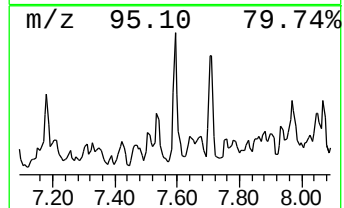
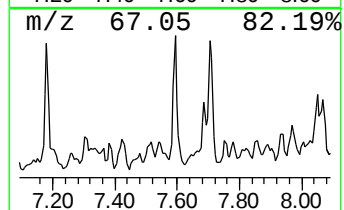
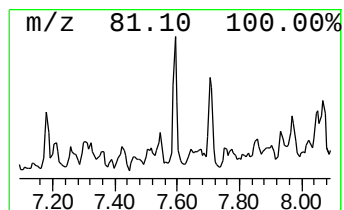
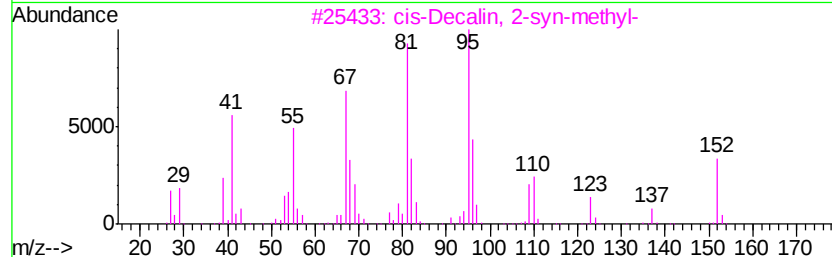
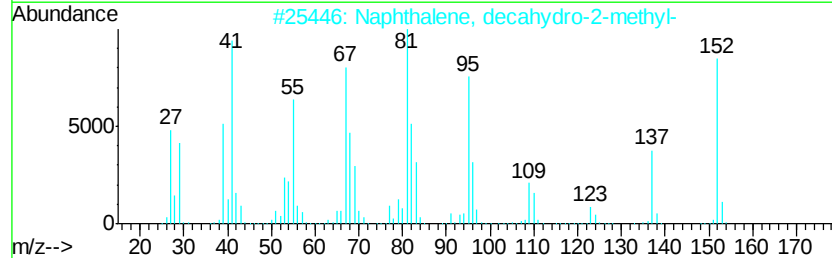
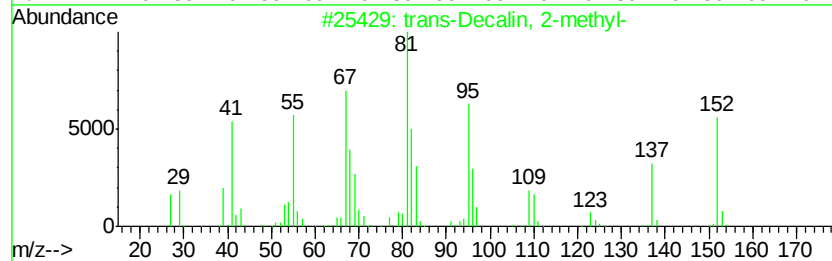
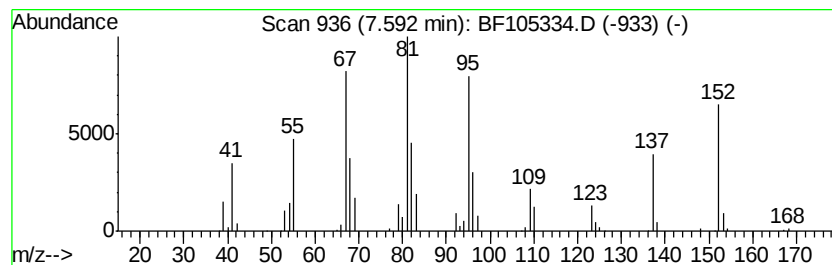
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 trans-Decalin, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	7.08 ng	345470	Naphthalene-d8	8.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3	93
2	Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1	86
3	cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6	70
4	5-Eicosyne	278 C20H38	074685-31-7	60
5	Bicyclo[4.1.0]heptan-2-one, 3,5,...	152 C10H16O	029750-24-1	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105334.D
Acq On : 12 May 2018 13:52
Operator : JU/SJ
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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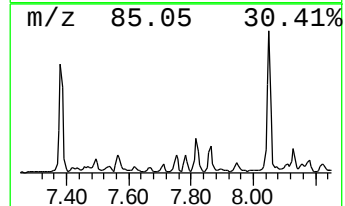
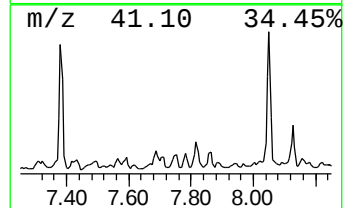
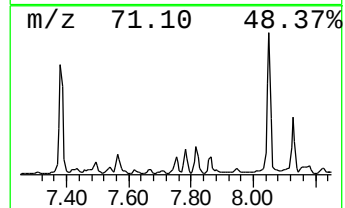
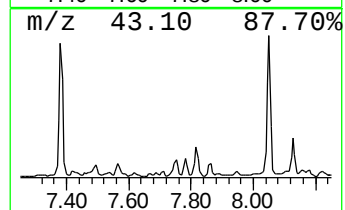
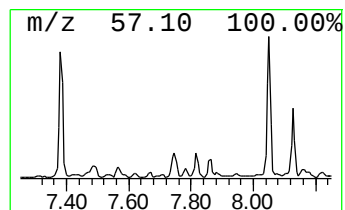
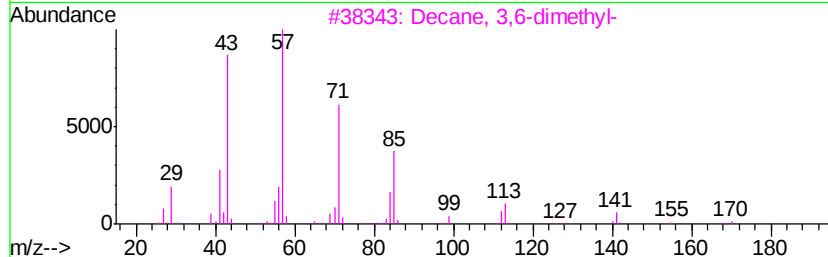
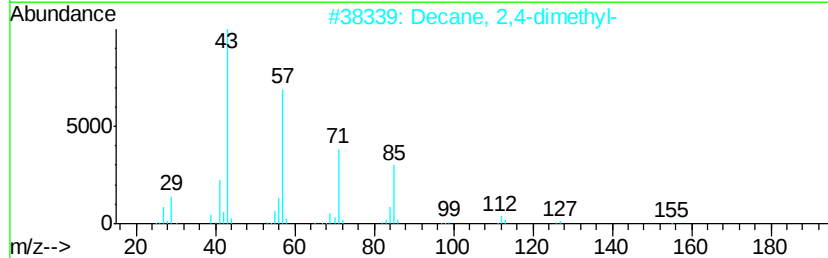
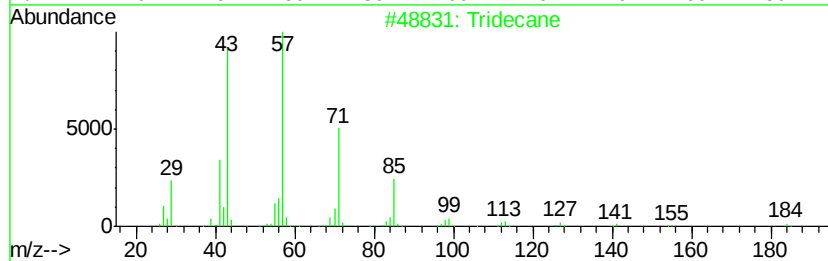
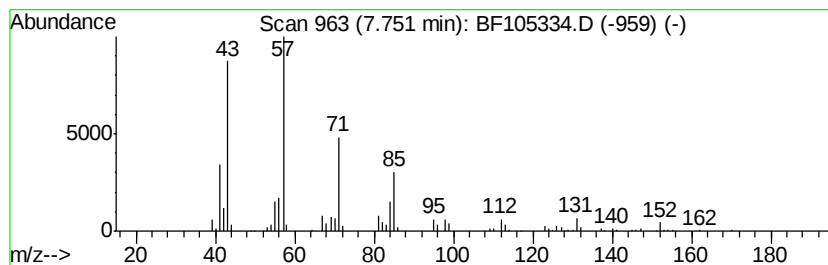
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	7.44 ng	362702	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	72
2		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64
3		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	59
4		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051218\
Data File : BF105334.D
Acq On : 12 May 2018 13:52
Operator : JU/SJ
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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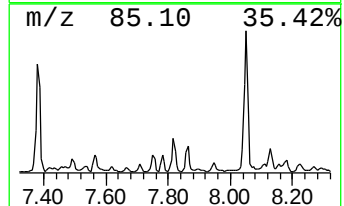
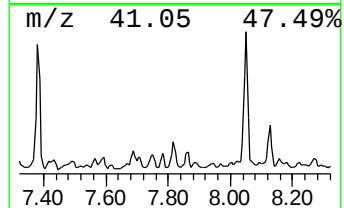
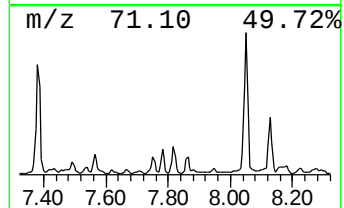
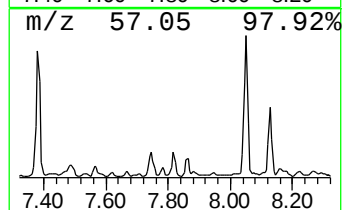
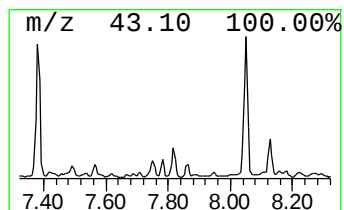
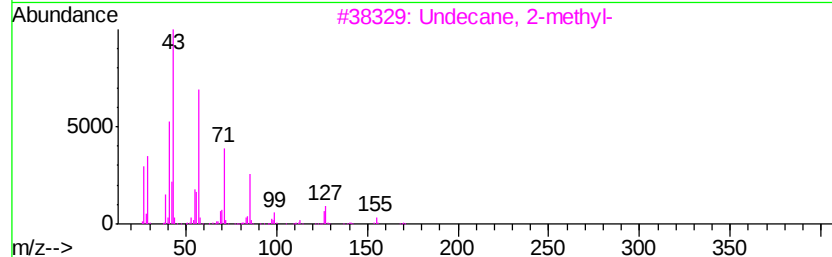
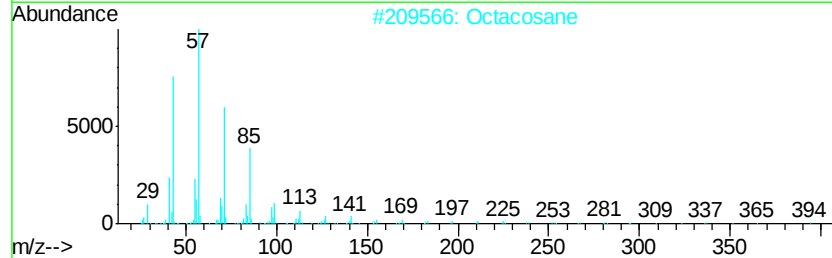
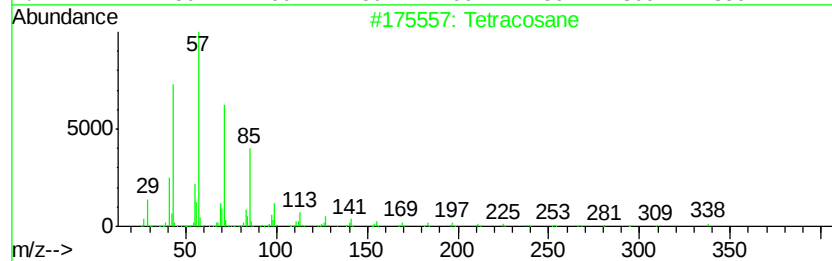
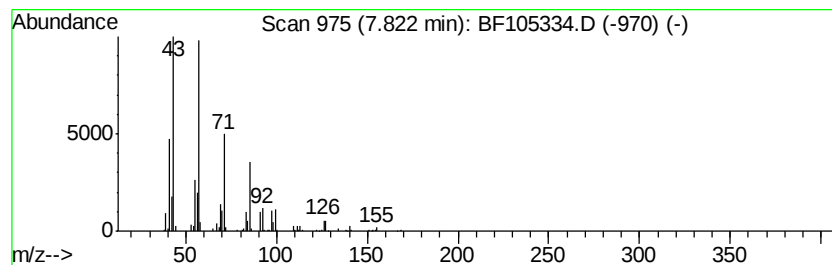
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	14.95 ng	728867	Naphthalene-d8	8.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	64
2		Octacosane	394	C28H58	000630-02-4	64
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	59
4		Hexadecane	226	C16H34	000544-76-3	58
5		Heneicosane	296	C21H44	000629-94-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051218\
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Acq On : 12 May 2018 13:52
Operator : JU/SJ
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Instrument :
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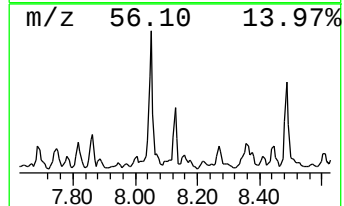
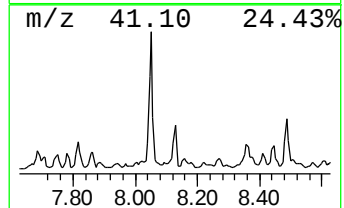
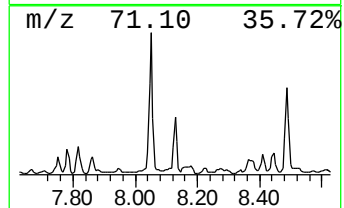
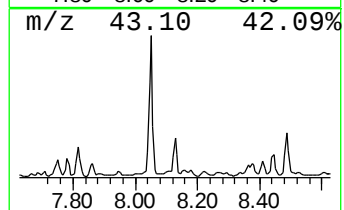
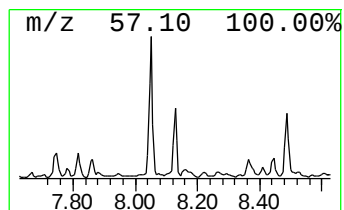
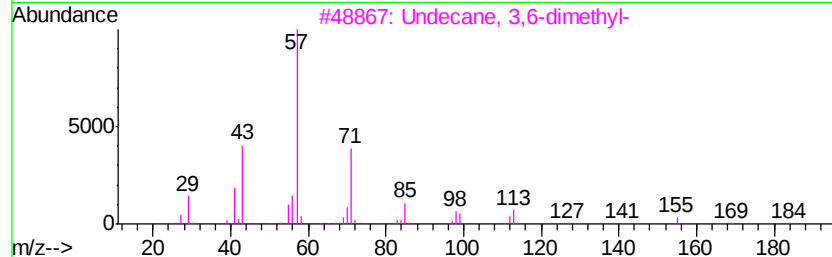
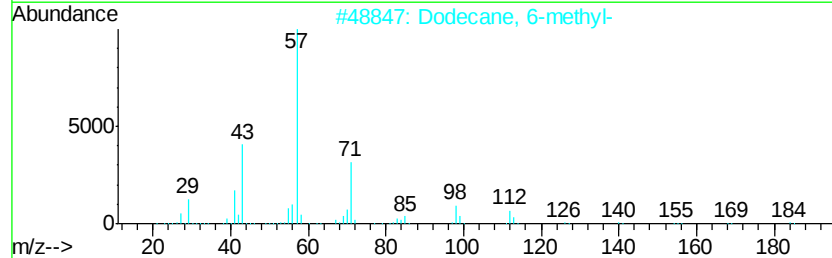
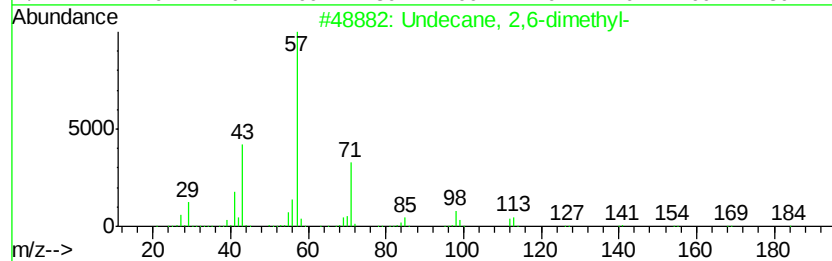
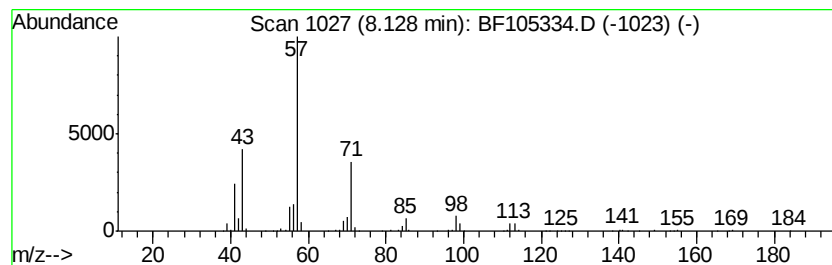
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	16.51 ng	805230	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105334.D
Acq On : 12 May 2018 13:52
Operator : JU/SJ
Sample : J2675-05 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-051018-B

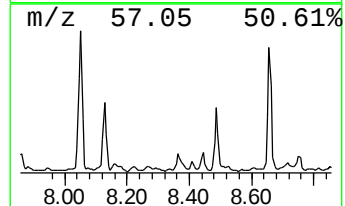
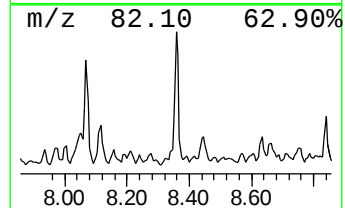
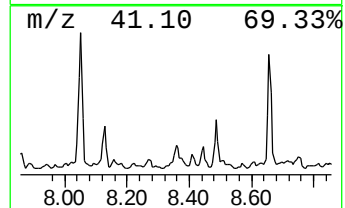
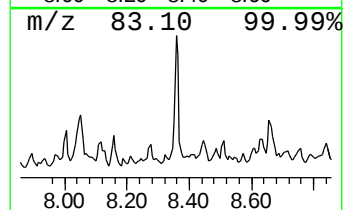
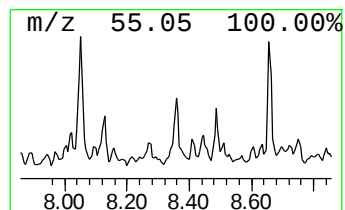
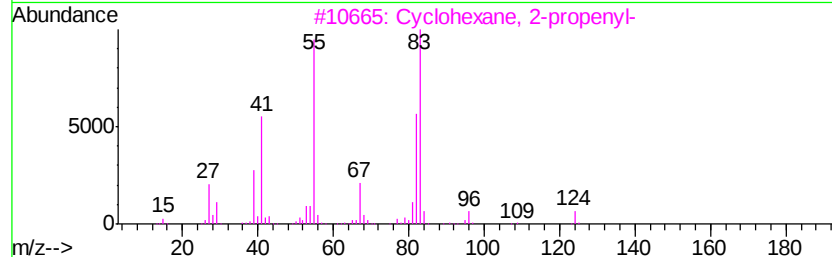
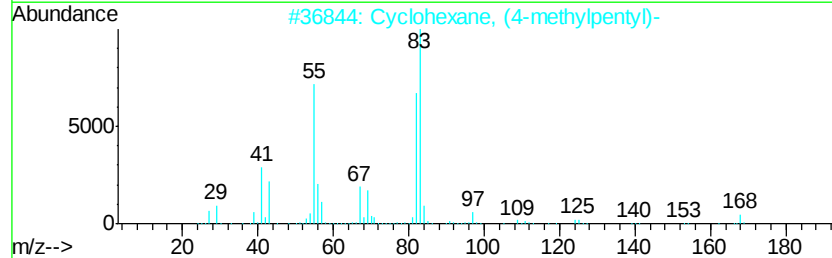
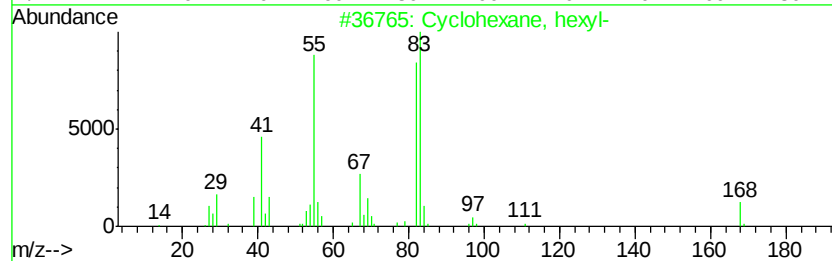
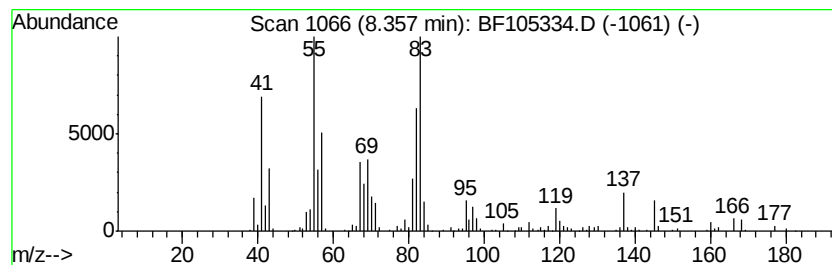
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclohexane, hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	16.09 ng	784630	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	52
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	50
3		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105334.D
Acq On : 12 May 2018 13:52
Operator : JU/SJ
Sample : J2675-05 10X
Misc :
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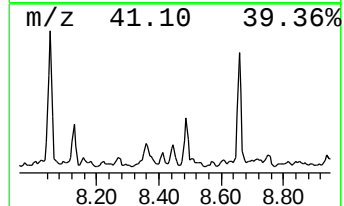
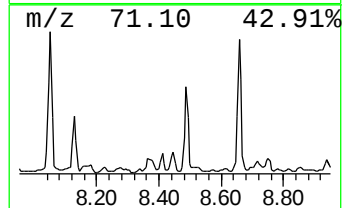
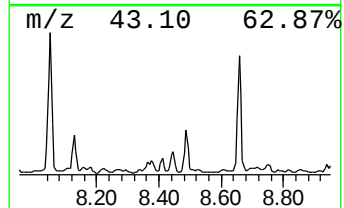
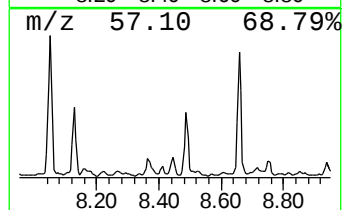
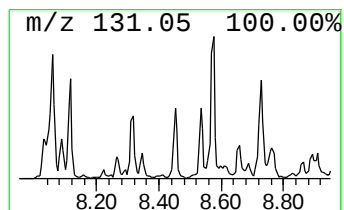
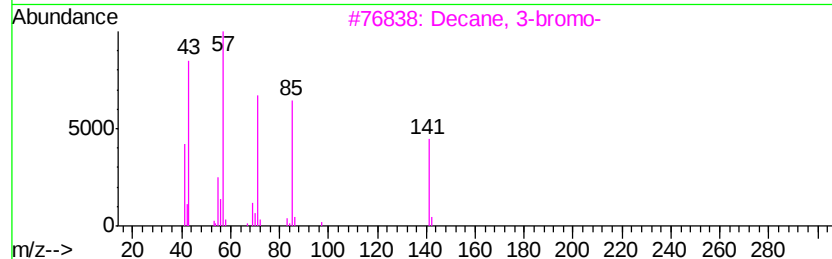
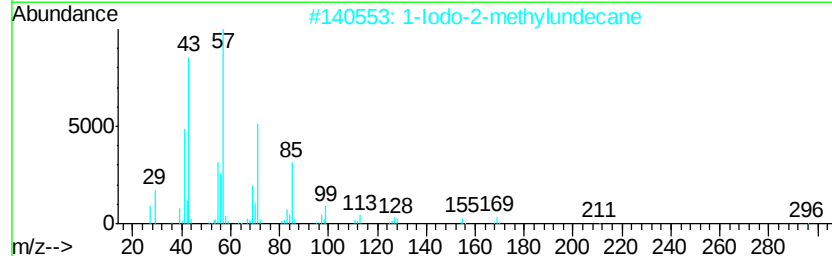
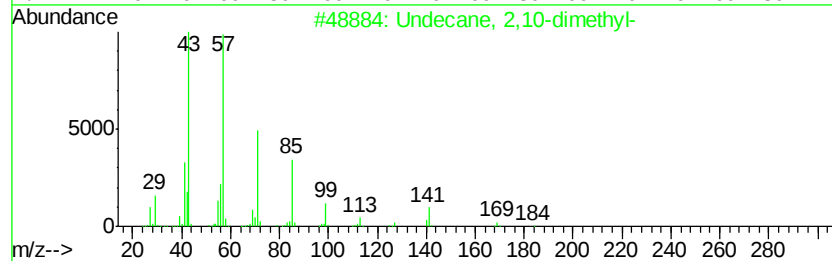
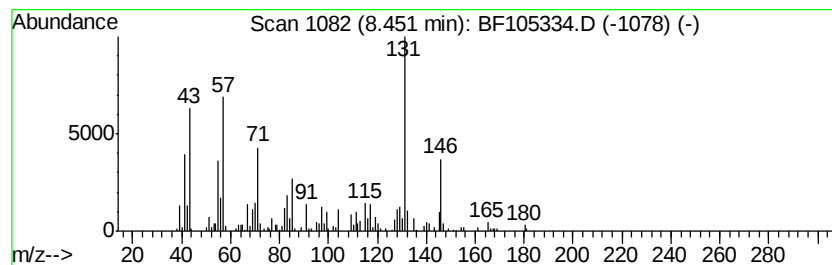
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 2,10-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	9.17 ng	447002	Napthalene-d8	8.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 2,10-dimethyl-	184 C13H28	017301-27-8	64
2	1-Iodo-2-methylundecane	296 C12H25I	073105-67-6	59
3	Decane, 3-bromo-	220 C10H21Br	030571-71-2	58
4	Decane	142 C10H22	000124-18-5	52
5	1-Iodoundecane	282 C11H23I	004282-44-4	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
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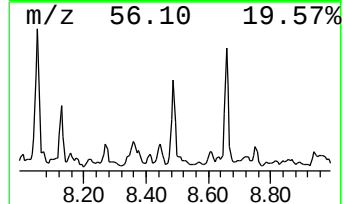
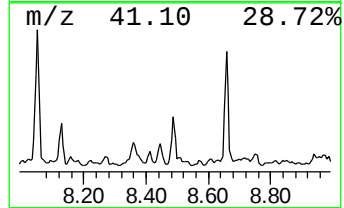
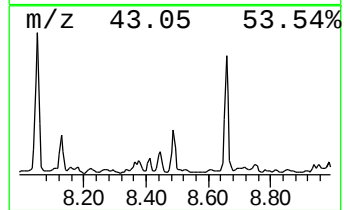
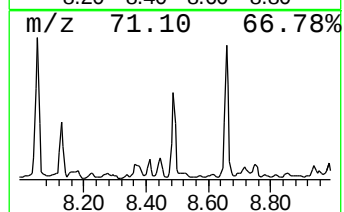
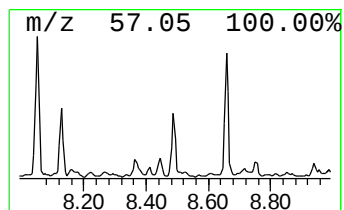
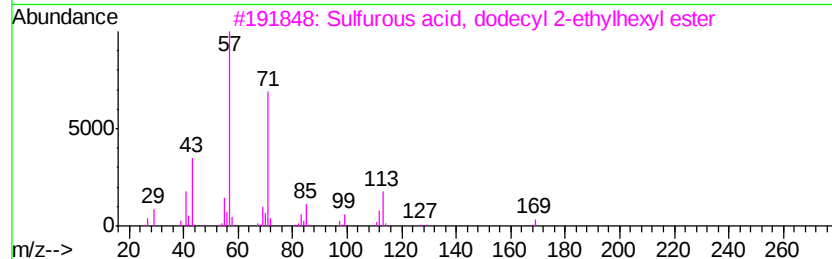
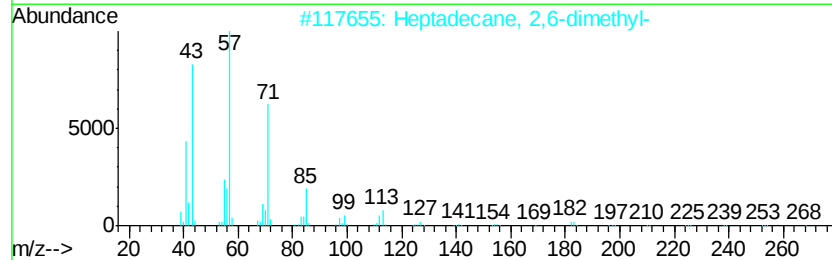
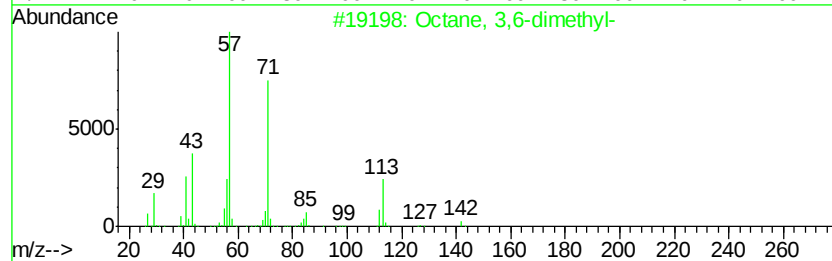
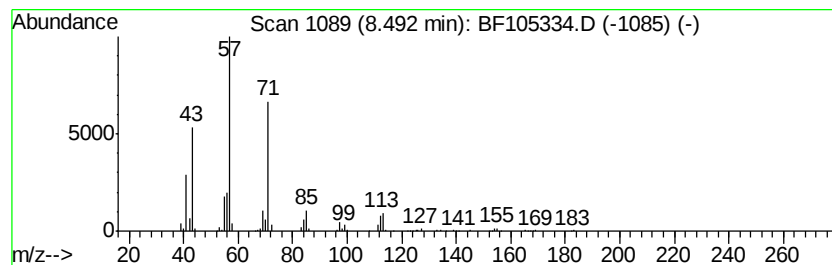
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	15.58 ng	759532	Naphthalene-d8	8.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octane, 3,6-dimethyl-	142 C10H22	015869-94-0 72
2		Heptadecane, 2,6-dimethyl-	268 C19H40	054105-67-8 72
3		Sulfurous acid, dodecyl 2-ethylh...	362 C20H42O3S	1000309-19-5 72
4		Dodecane, 4,6-dimethyl-	198 C14H30	061141-72-8 64
5		Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4 64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105334.D
Acq On : 12 May 2018 13:52
Operator : JU/SJ
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Instrument :
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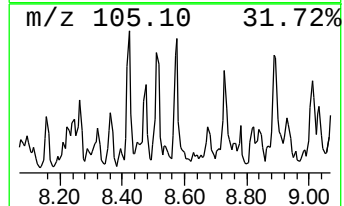
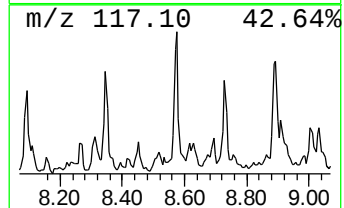
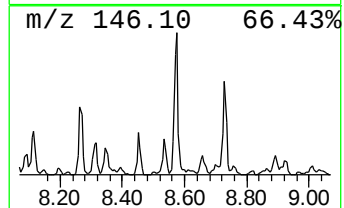
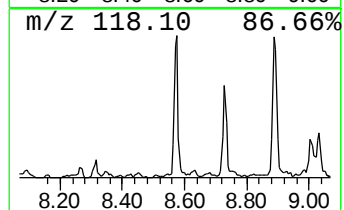
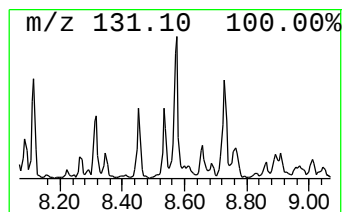
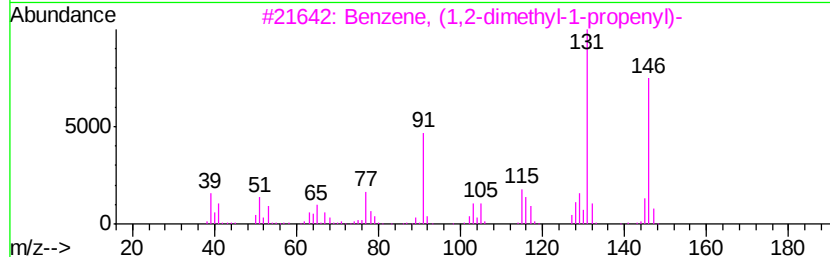
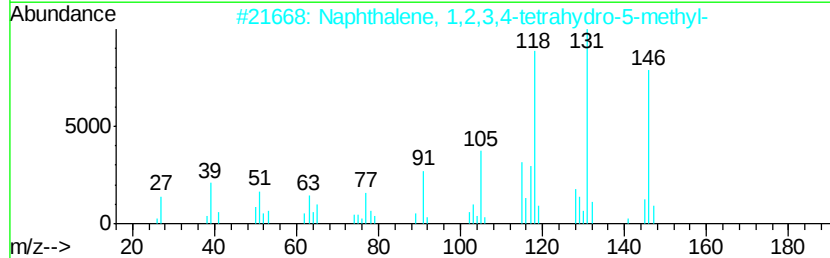
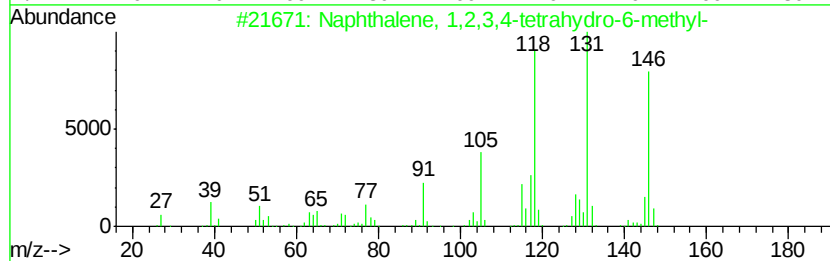
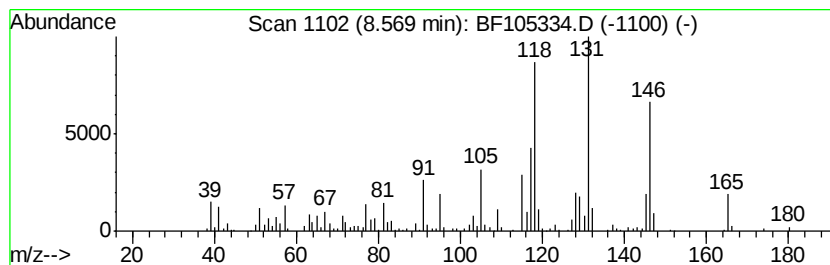
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	6.96 ng	339545	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	58
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105334.D
Acq On : 12 May 2018 13:52
Operator : JU/SJ
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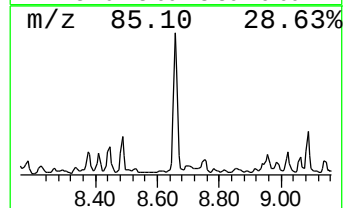
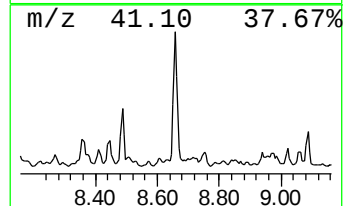
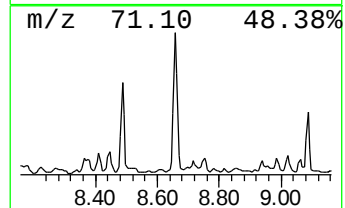
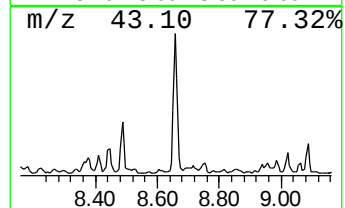
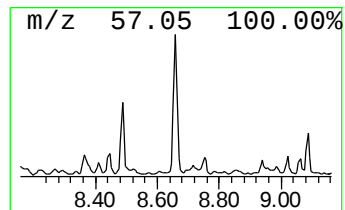
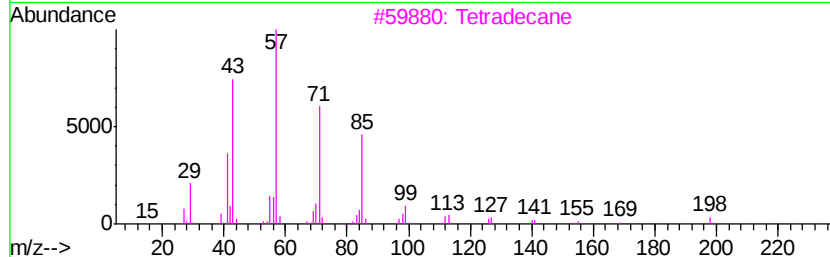
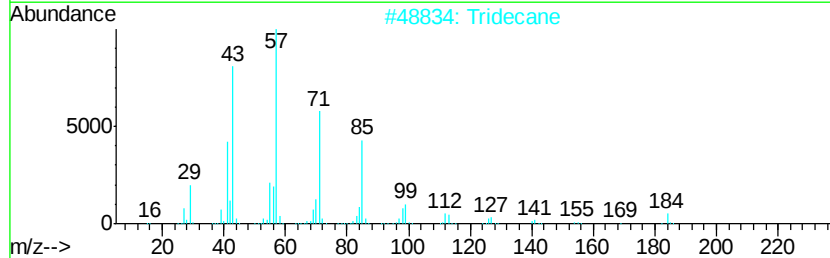
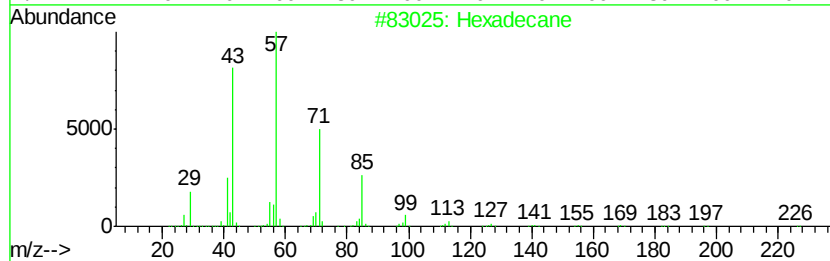
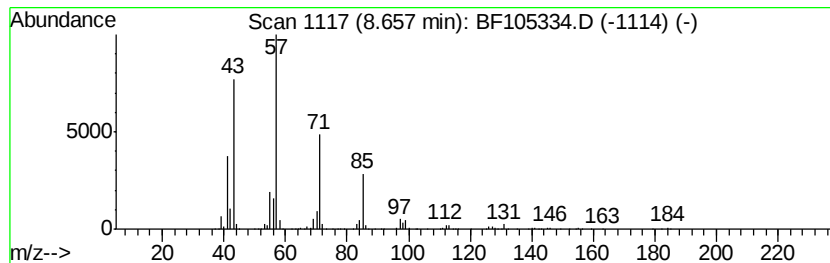
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	37.17 ng	1812500	Naphthalene-d8	8.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Tridecane		184	C13H28	000629-50-5	86
3	Tetradecane		198	C14H30	000629-59-4	83
4	Nonane, 5-butyl-		184	C13H28	017312-63-9	81
5	Dodecane		170	C12H26	000112-40-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105334.D
Acq On : 12 May 2018 13:52
Operator : JU/SJ
Sample : J2675-05 10X
Misc :
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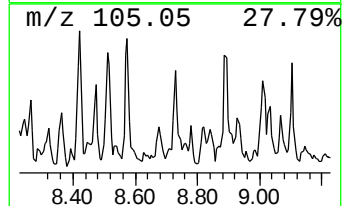
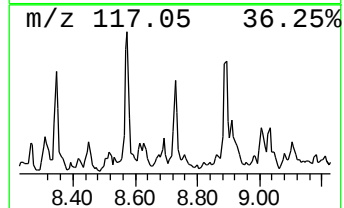
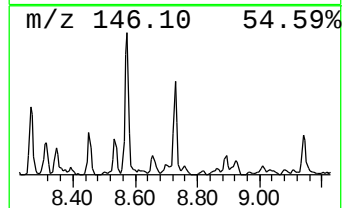
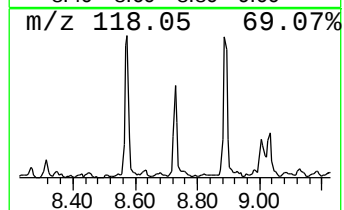
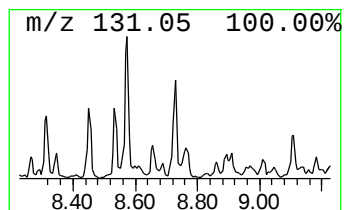
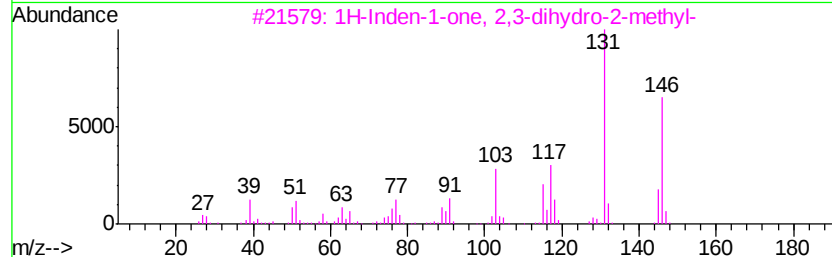
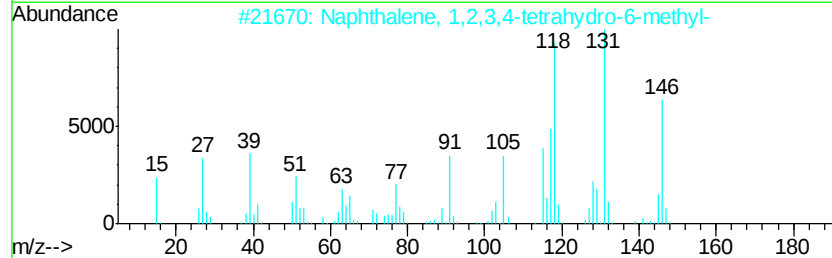
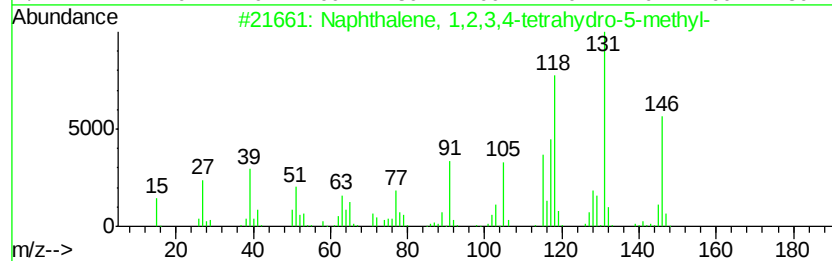
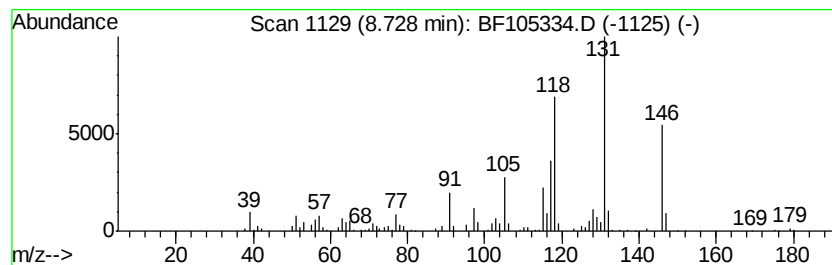
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,2,3,4-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	7.47 ng	364073	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	76
3		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	68
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051218\
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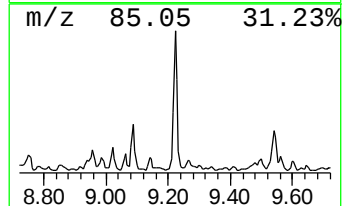
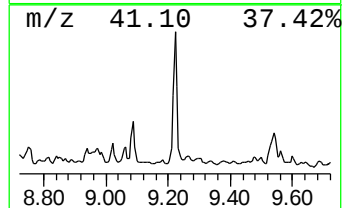
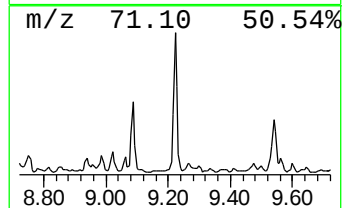
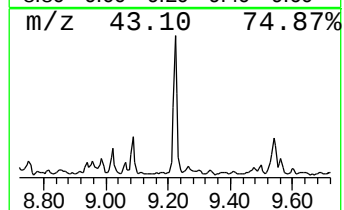
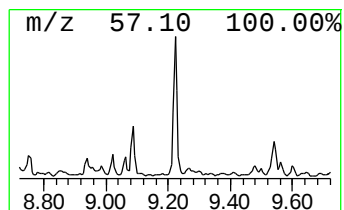
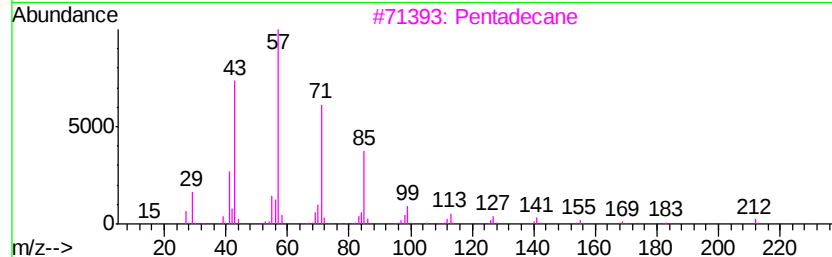
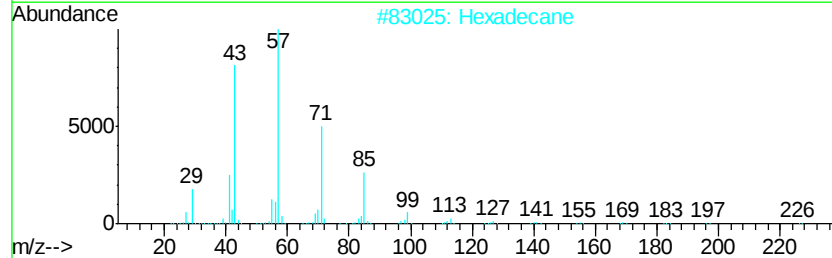
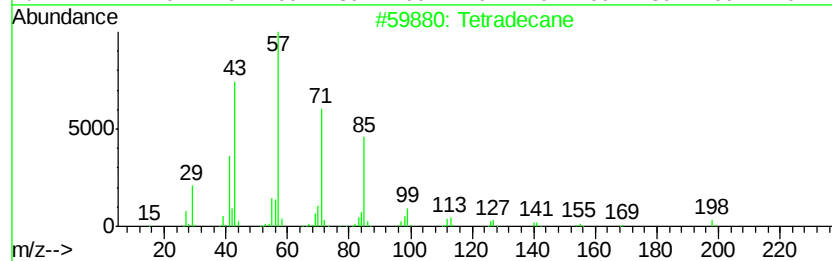
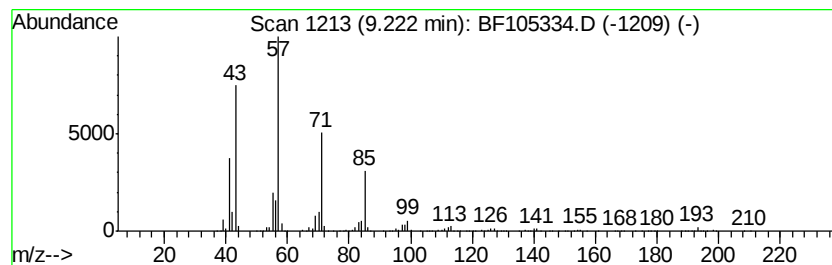
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	22.16 ng	1592980	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	90
3		Pentadecane	212	C15H32	000629-62-9	78
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105334.D
Acq On : 12 May 2018 13:52
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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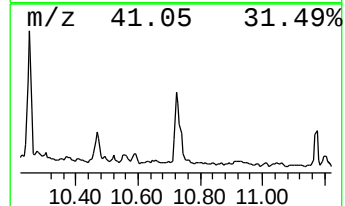
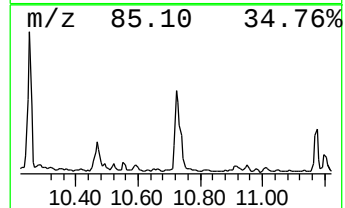
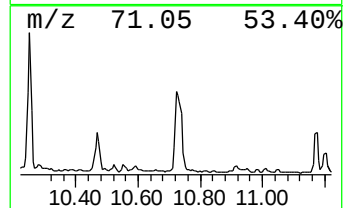
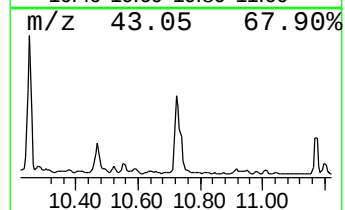
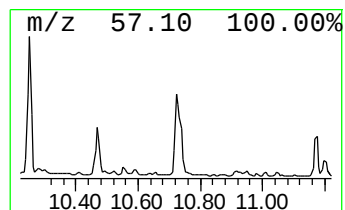
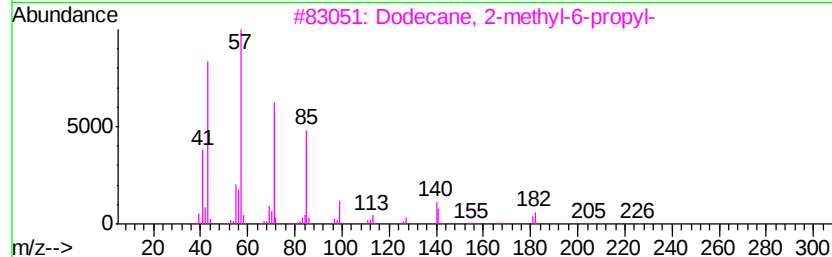
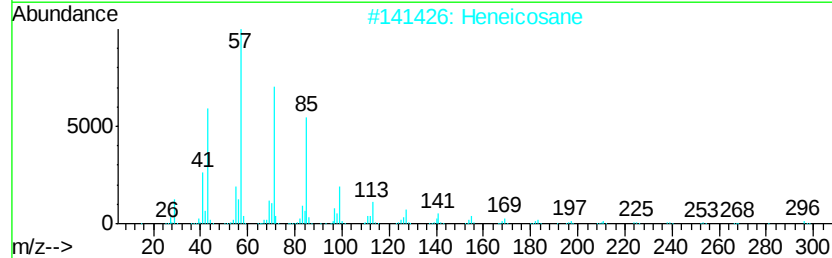
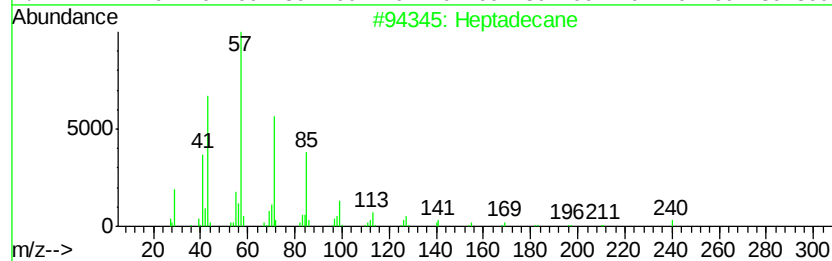
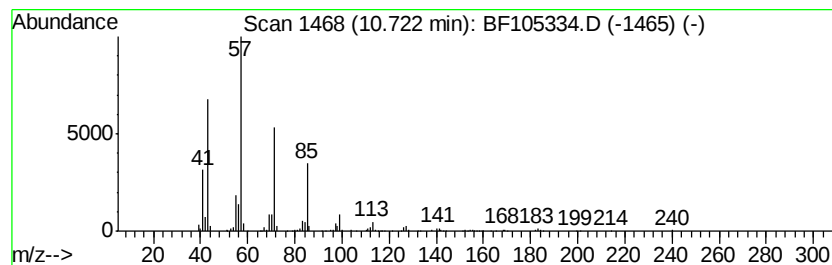
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	7.76 ng	565984	Phenanthrene-d10	11.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	94
2			Heneicosane	296	C21H44	000629-94-7	90
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4			Hexadecane	226	C16H34	000544-76-3	86
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051218\
 Data File : BF105334.D
 Acq On : 12 May 2018 13:52
 Operator : JU/SJ
 Sample : J2675-05 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-051018-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.55	6.55	8.9	ng	497599	1	6.79	1115850	20.0
Undecane	6.62	21.1	ng	1179860	1	6.79	1115850	20.0
unknown7.06	7.06	7.9	ng	441506	1	6.79	1115850	20.0
unknown7.17	7.17	8.6	ng	481435	1	6.79	1115850	20.0
unknown7.43	7.43	9.1	ng	441450	2	8.07	975255	20.0
trans-Decalin, 2-...	7.59	7.1	ng	345470	2	8.07	975255	20.0
Tridecane	7.75	7.4	ng	362702	2	8.07	975255	20.0
Tetracosane	7.82	14.9	ng	728867	2	8.07	975255	20.0
Undecane, 2,6-dim...	8.13	16.5	ng	805230	2	8.07	975255	20.0
Cyclohexane, hexyl-	8.36	16.1	ng	784630	2	8.07	975255	20.0
Undecane, 2,10-di...	8.45	9.2	ng	447002	2	8.07	975255	20.0
Octane, 3,6-dimet...	8.49	15.6	ng	759532	2	8.07	975255	20.0
Naphthalene, 1,2,...	8.57	7.0	ng	339545	2	8.07	975255	20.0
Hexadecane	8.66	37.2	ng	1812500	2	8.07	975255	20.0
Naphthalene, 1,2,...	8.73	7.5	ng	364073	2	8.07	975255	20.0
Tetradecane	9.22	22.2	ng	1592980	3	9.82	1437990	20.0
Heptadecane	10.72	7.8	ng	565984	4	11.31	1458630	20.0