

Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
 Data File : BF102155.D
 Acq On : 17 Jan 2018 17:39
 Operator : SJ/JU
 Sample : J1152-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LTP-2

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-BF010918.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.922	476	482	490	rBV	181050	286849	6.26%	0.317%
2	5.334	544	552	555	rBV	3050353	3064180	66.86%	3.388%
3	5.963	656	659	665	rVV2	231563	287300	6.27%	0.318%
4	6.157	686	692	694	rBV	138942	169084	3.69%	0.187%
5	6.245	704	707	710	rBV2	210695	240698	5.25%	0.266%
6	6.357	721	726	730	rVV	2753794	3194676	69.71%	3.532%
7	6.386	730	731	739	rVB4	105528	183083	4.00%	0.202%
8	6.492	744	749	752	rVV	3403580	3291874	71.83%	3.639%
9	6.545	755	758	761	rVV	202462	217413	4.74%	0.240%
10	6.722	783	788	794	rVB2	1049719	1412558	30.82%	1.562%
11	6.781	794	798	800	rBV2	197410	195886	4.27%	0.217%
12	6.875	810	814	817	rBV	2481271	2594445	56.61%	2.868%
13	6.951	824	827	829	rBV3	162808	144846	3.16%	0.160%
14	6.998	831	835	838	rVB3	520447	551895	12.04%	0.610%
15	7.039	838	842	844	rBV2	299305	430462	9.39%	0.476%
16	7.063	844	846	849	rVB2	288086	249223	5.44%	0.276%
17	7.110	851	854	857	rBV2	555262	565519	12.34%	0.625%
18	7.145	857	860	864	rVB4	157461	183268	4.00%	0.203%
19	7.186	864	867	869	rBV	146178	158453	3.46%	0.175%
20	7.257	874	879	881	rBV2	517212	712678	15.55%	0.788%
21	7.286	881	884	893	rVB	2034434	2362714	51.56%	2.612%
22	7.369	893	898	901	rVB4	641047	916675	20.00%	1.013%
23	7.433	901	909	913	rBV4	585780	1262824	27.56%	1.396%
24	7.475	913	916	918	rBV2	230017	259858	5.67%	0.287%
25	7.504	918	921	922	rBV3	461761	413225	9.02%	0.457%
26	7.522	922	924	928	rVB2	676608	736314	16.07%	0.814%
27	7.610	935	939	940	rBV2	336959	404739	8.83%	0.447%
28	7.628	940	942	943	rBV2	221690	209569	4.57%	0.232%
29	7.645	943	945	949	rVB3	547175	634248	13.84%	0.701%
30	7.692	949	953	955	rVB3	481060	563052	12.29%	0.623%
31	7.722	955	958	960	rBV3	665916	560738	12.24%	0.620%
32	7.745	960	962	964	rVB2	277901	195443	4.26%	0.216%
33	7.769	964	966	969	rVB3	343874	331264	7.23%	0.366%
34	7.804	969	972	973	rBV	537181	461580	10.07%	0.510%

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Integrator: RTE

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Max Peaks: 100

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.828	973	976	981	rVB4	539233	676508	14.76%	0.748%
36	7.886	981	986	988	rBV2	488209	744827	16.25%	0.823%
37	7.910	988	990	992	rVB2	249459	165523	3.61%	0.183%
38	7.957	993	998	1001	rBV5	495084	923211	20.15%	1.021%
39	8.004	1001	1006	1008	rBV2	1226509	1521529	33.20%	1.682%
40	8.033	1008	1011	1012	rVV2	260143	217194	4.74%	0.240%
41	8.069	1012	1017	1020	rVB2	1871296	1906211	41.60%	2.107%
42	8.098	1020	1022	1025	rBV3	453353	386130	8.43%	0.427%
43	8.175	1029	1035	1038	rBV3	559925	1214613	26.50%	1.343%
44	8.210	1038	1041	1043	rVB2	782422	685794	14.96%	0.758%
45	8.245	1043	1047	1048	rBV4	221099	247417	5.40%	0.274%
46	8.298	1051	1056	1059	rBV5	949462	1433434	31.28%	1.585%
47	8.351	1063	1065	1069	rBV3	809017	757138	16.52%	0.837%
48	8.392	1069	1072	1075	rVB3	657433	636386	13.89%	0.704%
49	8.433	1075	1079	1084	rBV	2857406	3581403	78.15%	3.960%
50	8.469	1084	1085	1088	rVB3	799387	577163	12.59%	0.638%
51	8.510	1089	1092	1095	rBV3	716148	592975	12.94%	0.656%
52	8.545	1095	1098	1100	rBV4	711173	831488	18.14%	0.919%
53	8.604	1105	1108	1109	rVV3	417836	541268	11.81%	0.598%
54	8.639	1112	1114	1116	rVV3	608990	766274	16.72%	0.847%
55	8.698	1120	1124	1126	rVV2	1202167	1413128	30.84%	1.562%
56	8.722	1126	1128	1130	rVB2	367488	262134	5.72%	0.290%
57	8.786	1136	1139	1140	rBV2	282753	288846	6.30%	0.319%
58	8.816	1142	1144	1151	rVV2	694514	885541	19.32%	0.979%
59	8.886	1153	1156	1158	rBV3	780372	865098	18.88%	0.956%
60	8.916	1159	1161	1165	rVB4	658867	730862	15.95%	0.808%
61	9.033	1177	1181	1185	rBV	2953116	2537569	55.37%	2.805%
62	9.080	1186	1189	1192	rVB	2225311	2082315	45.44%	2.302%
63	9.169	1199	1204	1208	rBV5	951810	1810470	39.51%	2.002%
64	9.210	1208	1211	1213	rBV4	562643	723828	15.79%	0.800%
65	9.280	1220	1223	1226	rBV3	617575	571565	12.47%	0.632%
66	9.351	1231	1235	1238	rVB2	866757	1143230	24.95%	1.264%
67	9.422	1244	1247	1249	rVB	879272	745169	16.26%	0.824%
68	9.445	1249	1251	1253	rVB2	922442	655230	14.30%	0.724%
69	9.486	1253	1258	1261	rBV3	2943732	3283307	71.64%	3.630%
70	9.516	1261	1263	1265	rBV3	345903	268858	5.87%	0.297%
71	9.574	1271	1273	1274	rBV2	333649	247757	5.41%	0.274%

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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72	9.627	1279	1282	1286	rBV4	626724	969613	21.16%	1.072%
73	9.669	1286	1289	1292	rVB	991655	877935	19.16%	0.971%
74	9.739	1298	1301	1302	rBV3	814711	882947	19.27%	0.976%
75	9.757	1302	1304	1307	rVB	1098721	1031295	22.50%	1.140%
76	9.798	1309	1311	1313	rVV3	328575	198029	4.32%	0.219%
77	9.869	1320	1323	1327	rVB2	848985	958997	20.93%	1.060%
78	9.957	1335	1338	1343	rVB2	920181	1066197	23.27%	1.179%
79	10.016	1344	1348	1355	rVB5	849815	1501338	32.76%	1.660%
80	10.074	1356	1358	1361	rBV2	617832	699262	15.26%	0.773%
81	10.127	1365	1367	1371	rVB2	381635	411962	8.99%	0.455%
82	10.169	1371	1374	1375	rBV2	583473	495415	10.81%	0.548%
83	10.221	1380	1383	1385	rBV3	337437	385976	8.42%	0.427%
84	10.416	1412	1416	1420	rVB	2370462	2311429	50.44%	2.555%
85	10.527	1433	1435	1436	rBV2	340416	219429	4.79%	0.243%
86	10.545	1436	1438	1441	rVB	1081011	856662	18.69%	0.947%
87	10.680	1456	1461	1468	rBV	3699095	4582767	100.00%	5.067%
88	10.886	1493	1496	1501	rVB5	505164	641539	14.00%	0.709%
89	10.963	1507	1509	1511	rBV2	203532	146900	3.21%	0.162%
90	11.139	1536	1539	1546	rVB	2067775	2526298	55.13%	2.793%
91	11.245	1554	1557	1559	rBV2	602231	620070	13.53%	0.686%
92	11.486	1596	1598	1602	rVB	501707	470236	10.26%	0.520%
93	12.215	1720	1722	1728	rVB2	241016	327503	7.15%	0.362%
94	12.286	1731	1734	1737	rVB	176137	168775	3.68%	0.187%
95	12.821	1821	1825	1828	rBV	1901883	1626207	35.49%	1.798%
96	13.709	1973	1976	1984	rVB	150303	172358	3.76%	0.191%
97	13.868	1998	2003	2005	rBV	751433	786610	17.16%	0.870%
98	14.621	2127	2131	2139	rBV	160646	209274	4.57%	0.231%
99	14.874	2171	2174	2182	rVB	80440	154743	3.38%	0.171%
100	15.280	2238	2243	2247	rBV	627117	782201	17.07%	0.865%

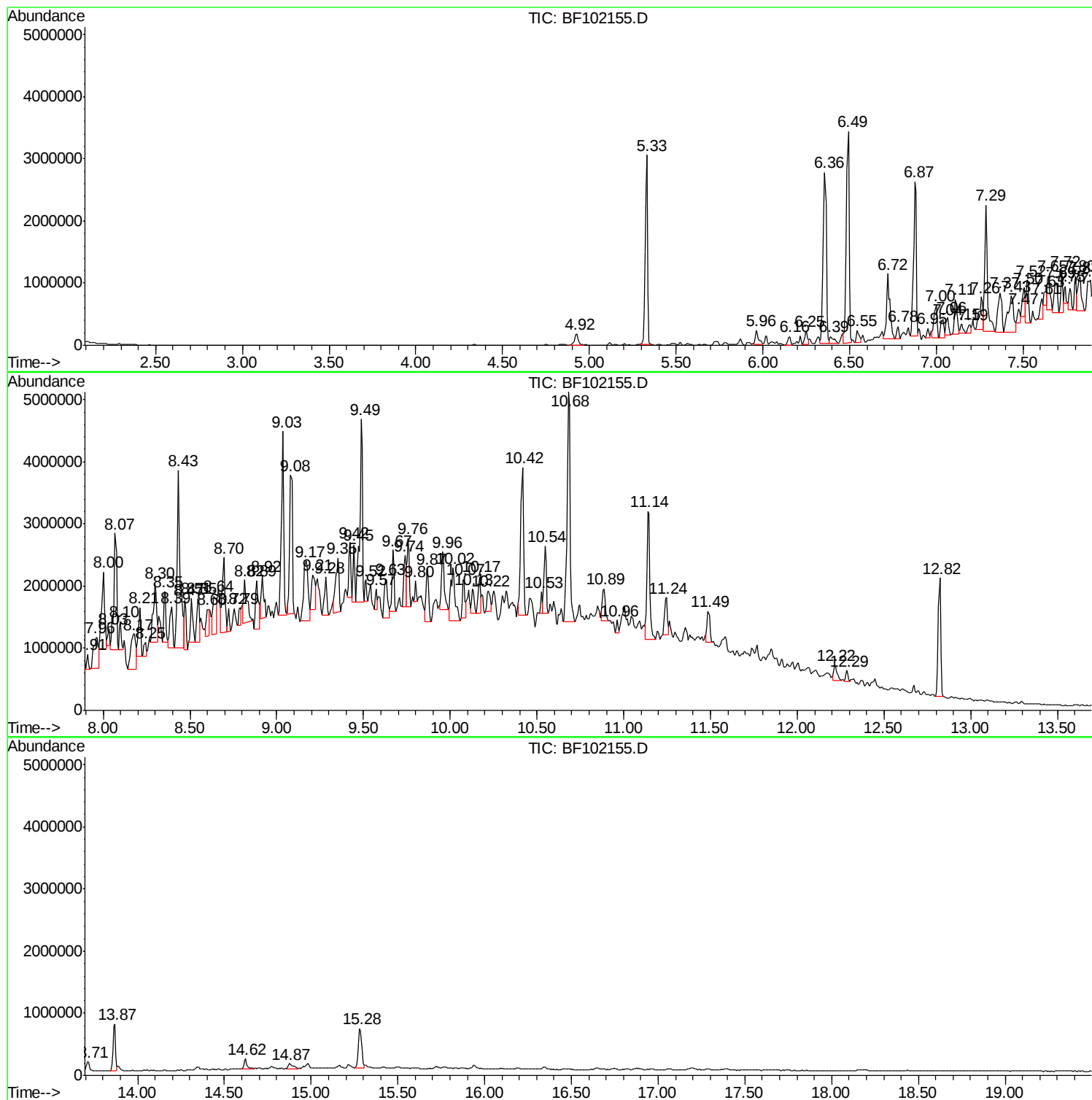
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
LTP-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.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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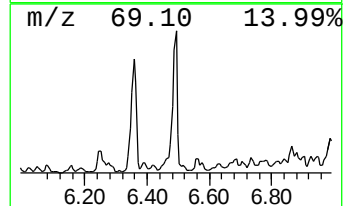
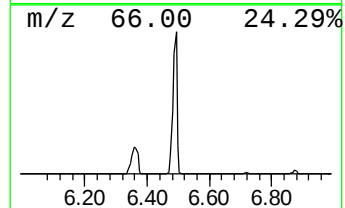
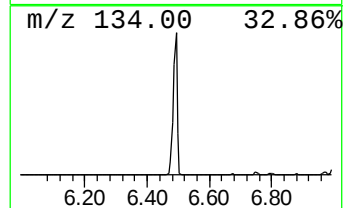
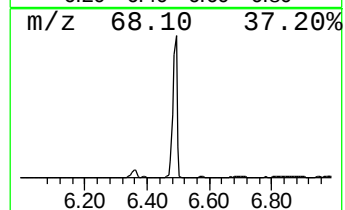
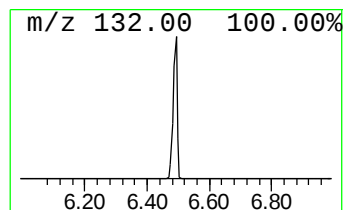
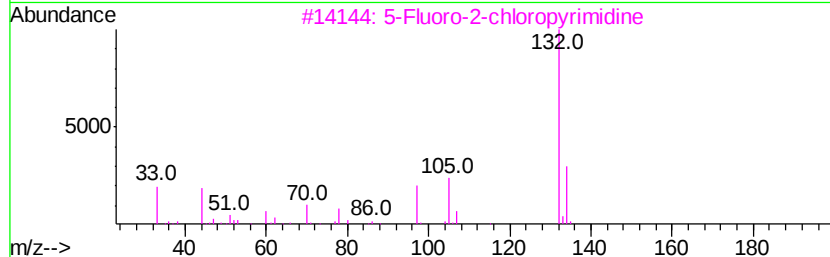
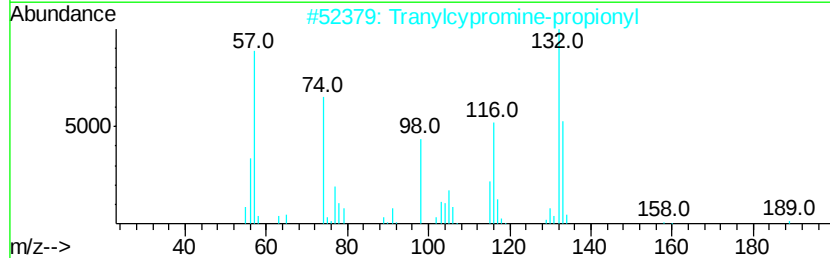
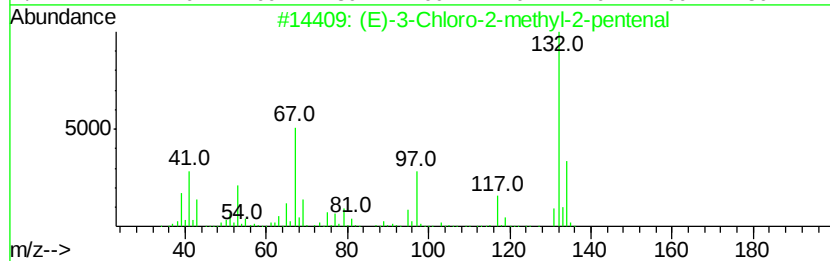
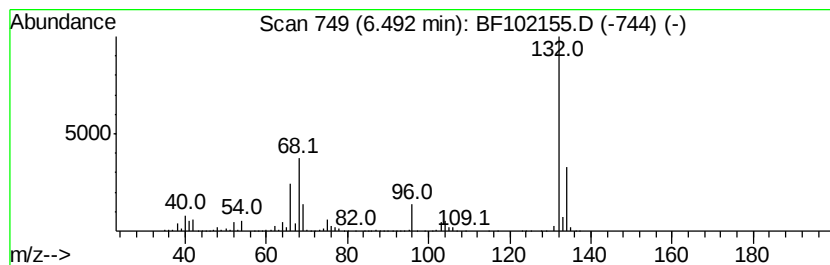
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.49 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	46.61 ng	3291870	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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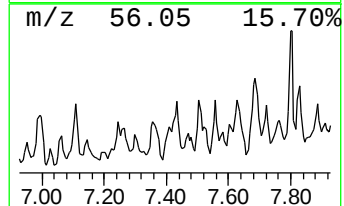
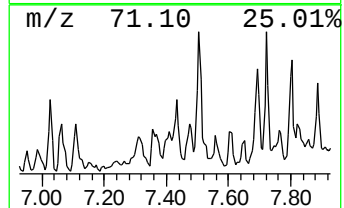
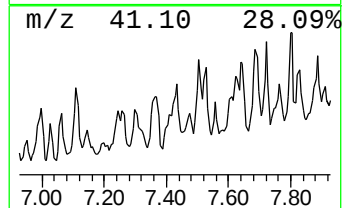
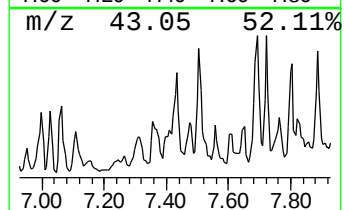
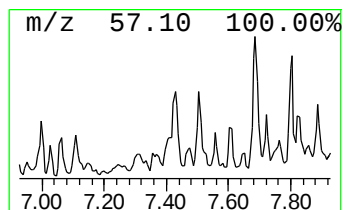
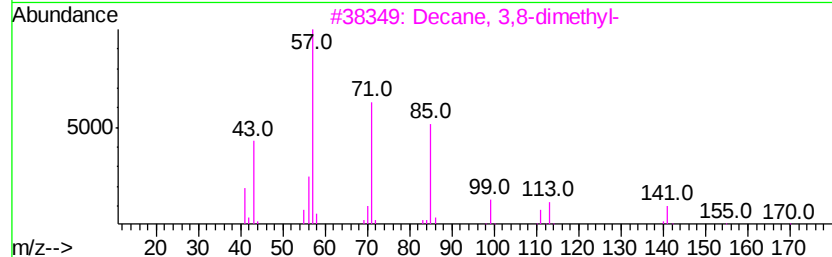
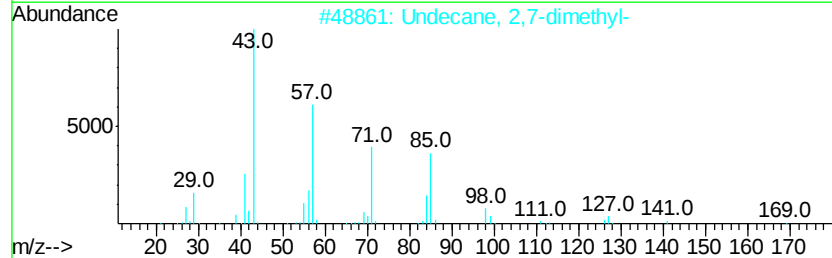
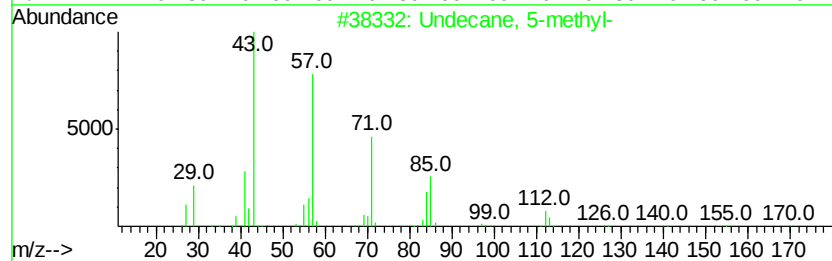
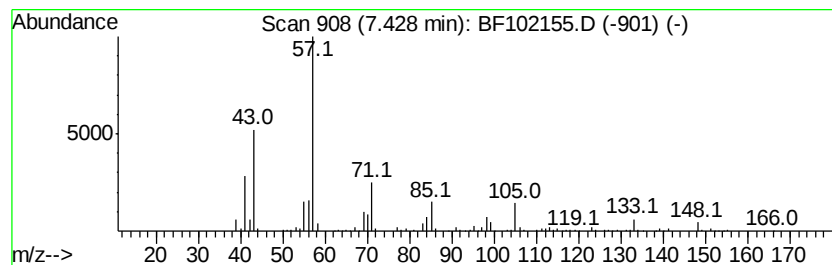
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane, 5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	16.60 ng	1262820	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	58
2		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	53
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	49
4		Dodecane, 5-methyl-	184	C13H28	017453-93-9	43
5		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	43



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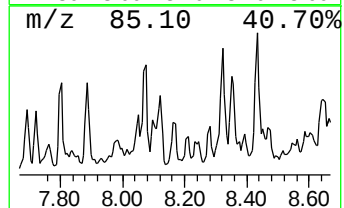
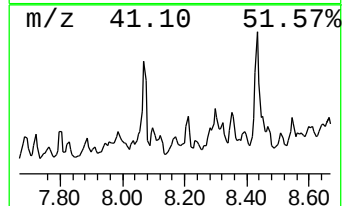
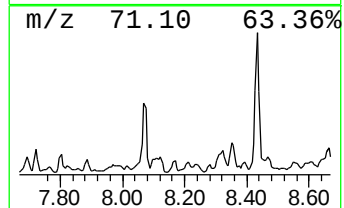
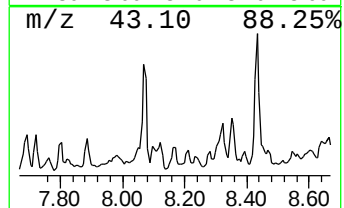
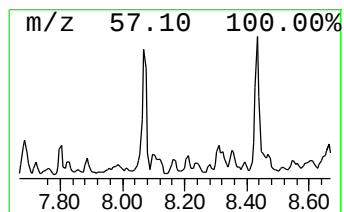
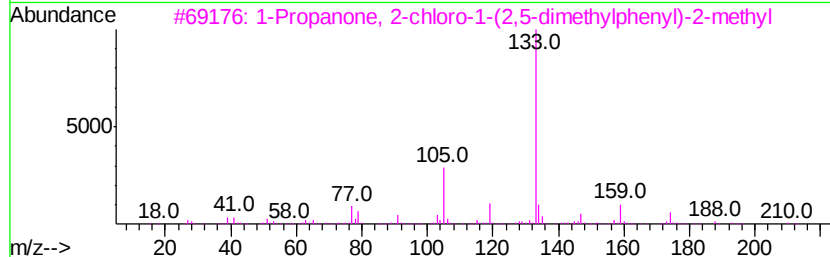
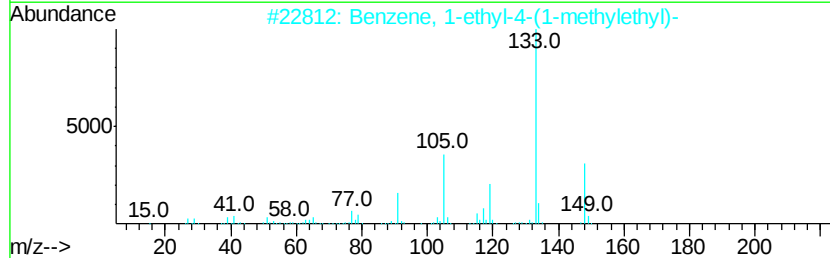
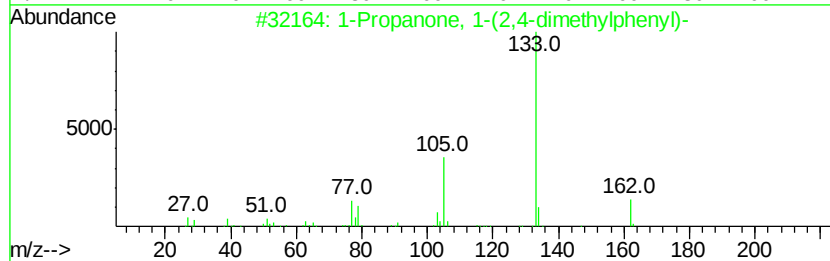
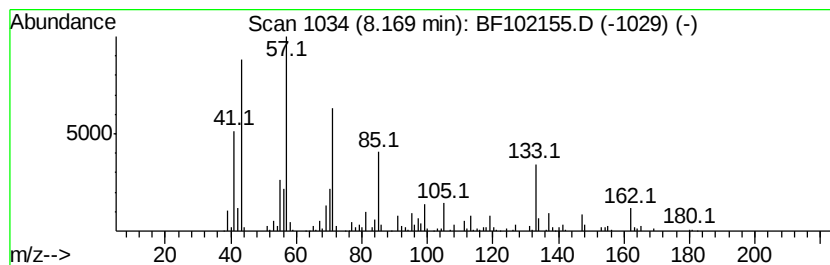
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	15.97 ng	1214610	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	64
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	47
3		1-Propanone, 2-chloro-1-(2,5-dim...	210	C12H15ClO	054965-52-5	47
4		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	43
5		1-Propanone, 2-chloro-1-(2,4-dim...	210	C12H15ClO	054965-53-6	43



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Data File : BF102155.D
Acq On : 17 Jan 2018 17:39
Operator : SJ/JU
Sample : J1152-02
Misc :
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Instrument :
BNA_F
ClientSampleId :
LTP-2

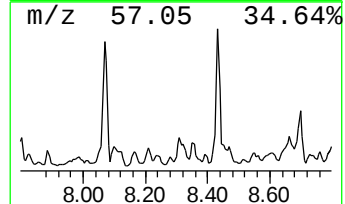
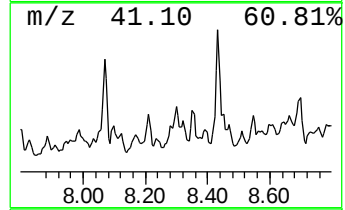
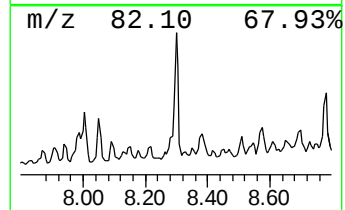
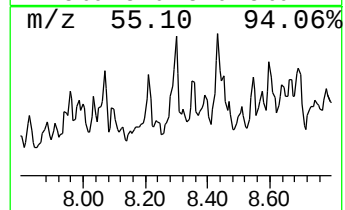
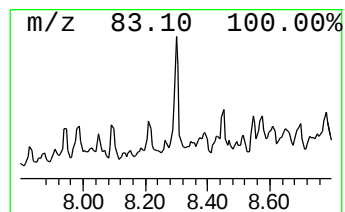
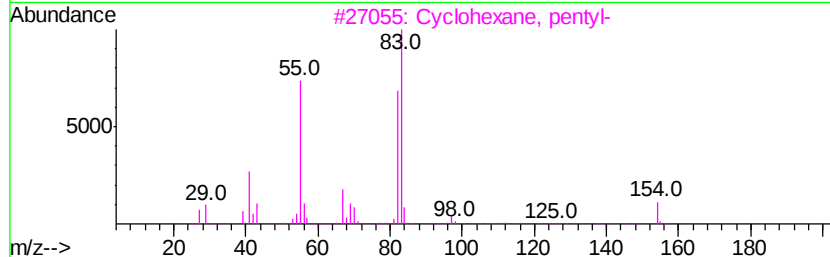
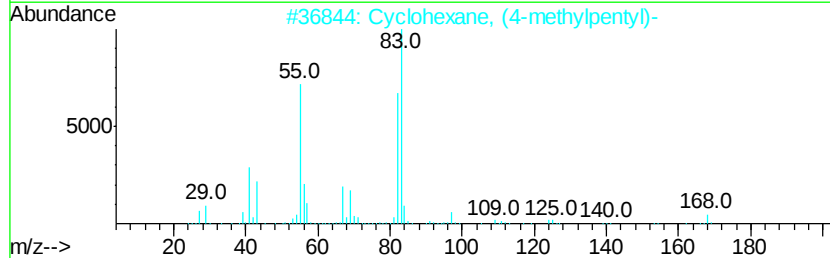
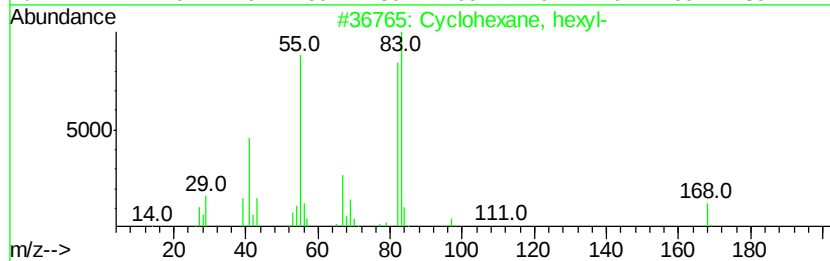
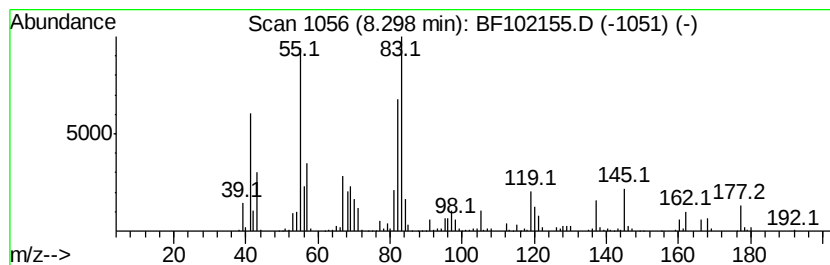
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.30 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	18.84 ng	1433430	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	49
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	47
5		Cyclohexane, undecyl-	238	C17H34	054105-66-7	47



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102155.D
Acq On : 17 Jan 2018 17:39
Operator : SJ/JU
Sample : J1152-02
Misc :
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Instrument :
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ClientSampleId :
LTP-2

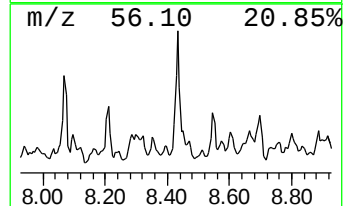
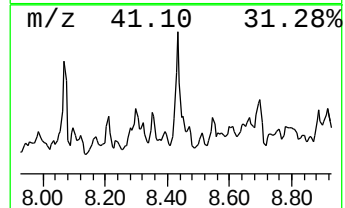
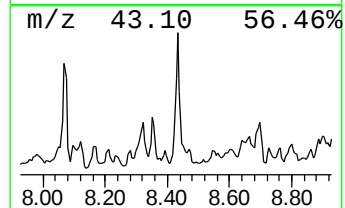
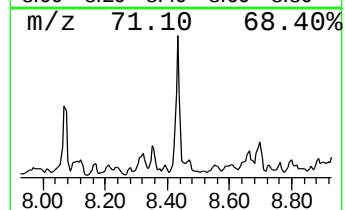
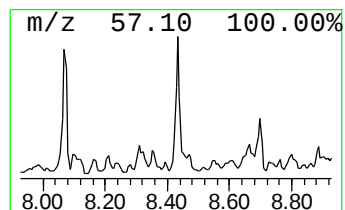
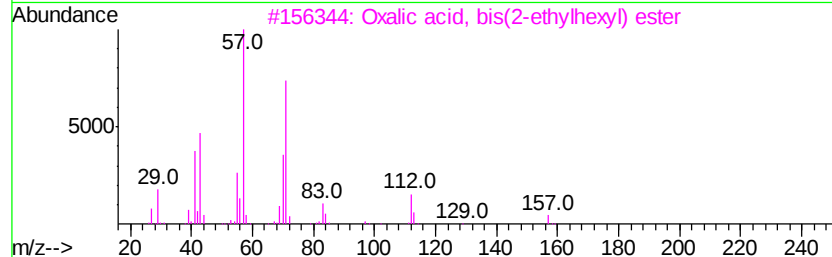
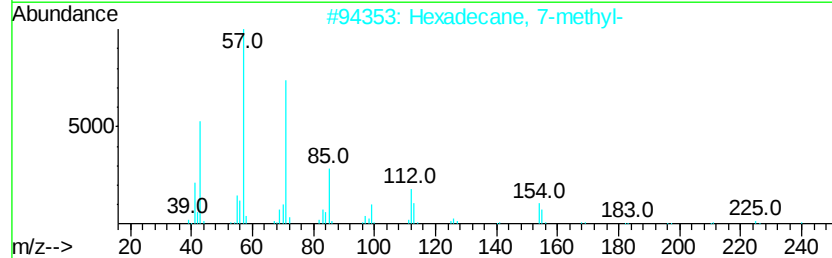
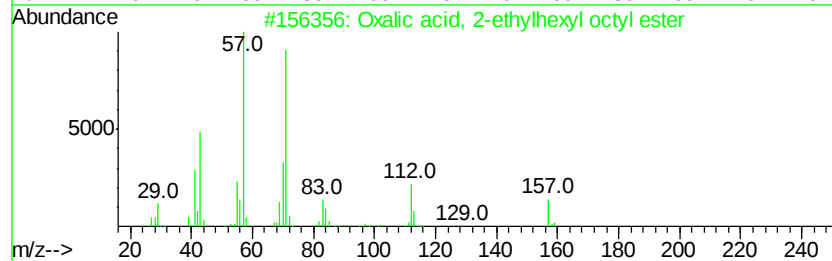
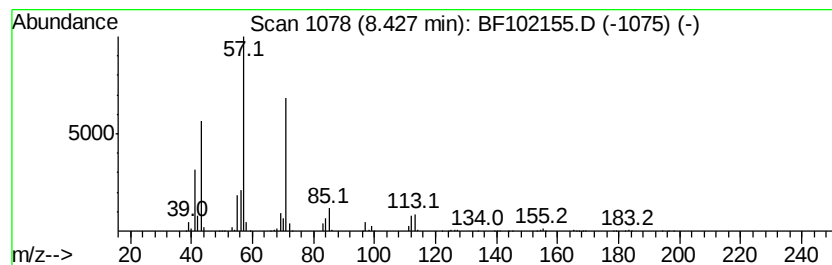
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Oxalic acid, 2-ethylhexyl o... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	47.08 ng	3581400	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	72
2		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
3		Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102155.D
Acq On : 17 Jan 2018 17:39
Operator : SJ/JU
Sample : J1152-02
Misc :
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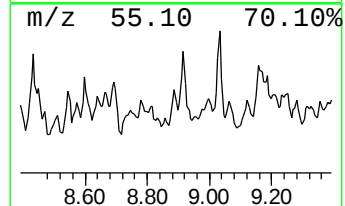
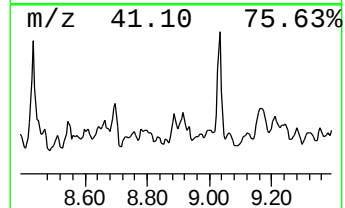
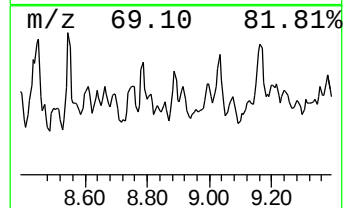
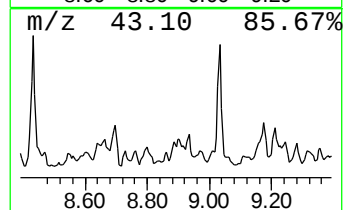
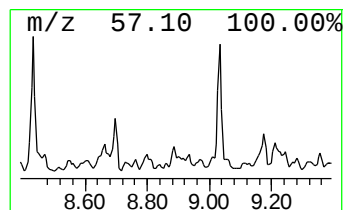
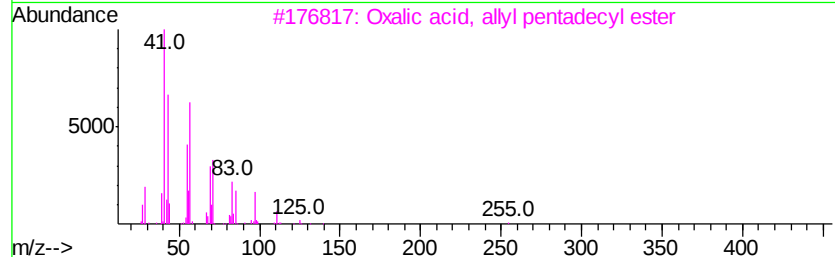
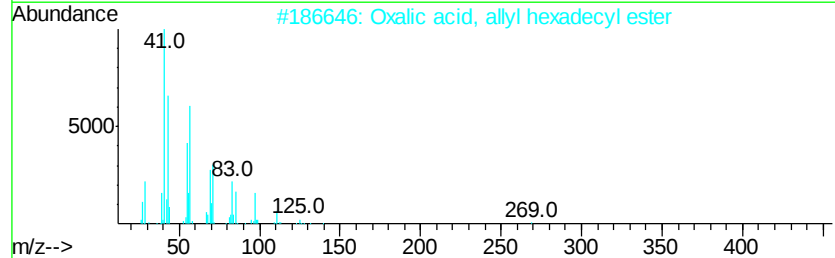
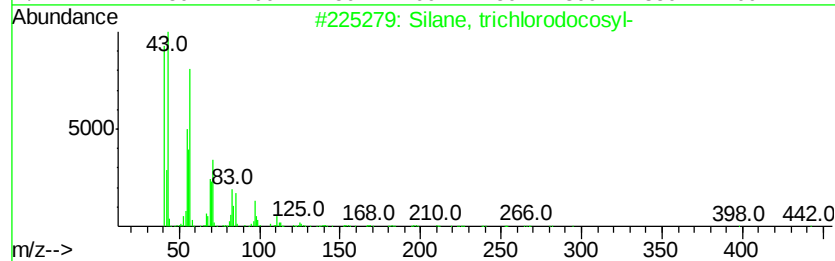
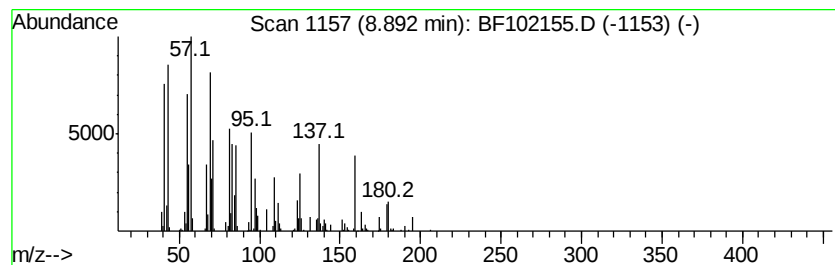
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.89 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	16.78 ng	865098	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Silane, trichlorodocosyl-	442 C22H45Cl3Si	007325-84-0 49
2		Oxalic acid, allyl hexadecyl ester	354 C21H38O4	1000309-24-4 46
3		Oxalic acid, allyl pentadecyl ester	340 C20H36O4	1000309-24-3 43
4		Nonane, 4-methyl-	142 C10H22	017301-94-9 27
5		Vinyl lauryl ether	212 C14H28O	000765-14-0 27



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102155.D
Acq On : 17 Jan 2018 17:39
Operator : SJ/JU
Sample : J1152-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LTP-2

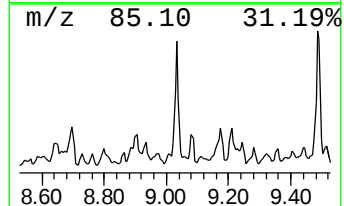
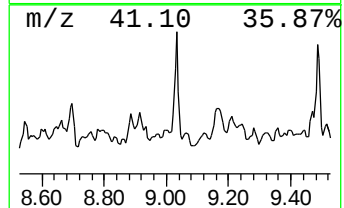
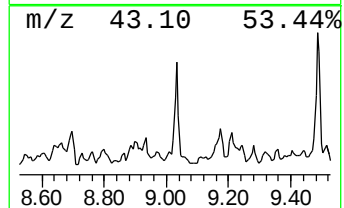
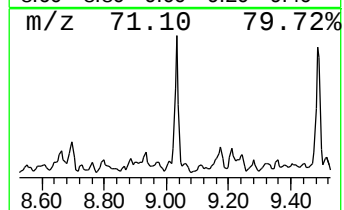
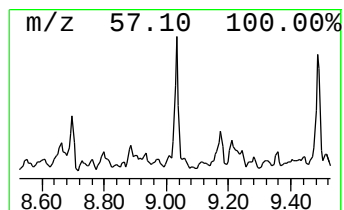
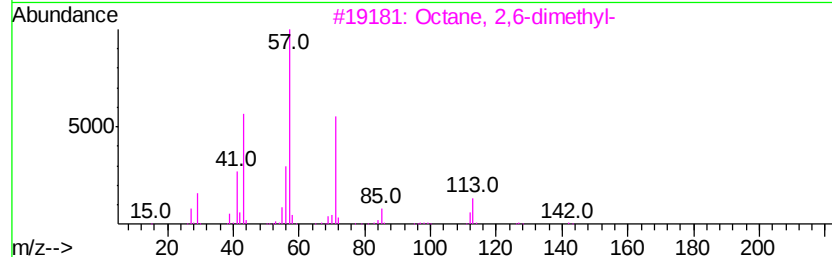
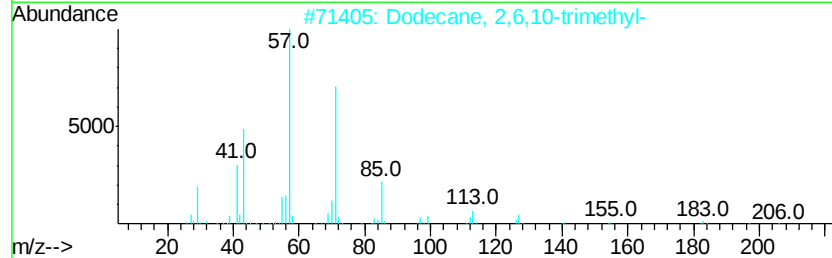
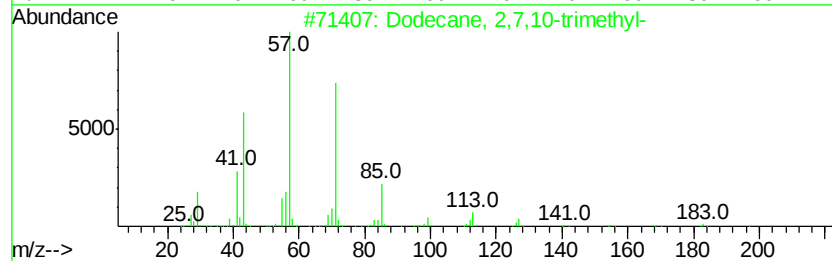
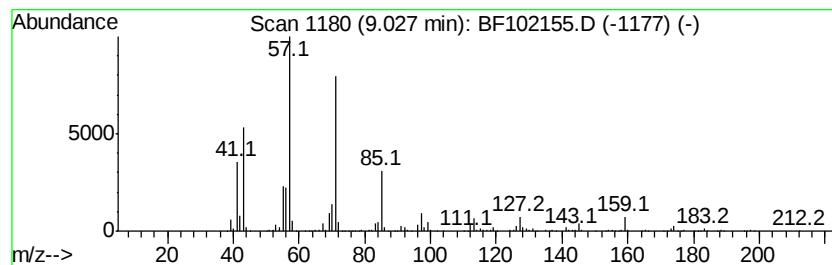
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,7,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	49.21 ng	2537570	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102155.D
Acq On : 17 Jan 2018 17:39
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Sample : J1152-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LTP-2

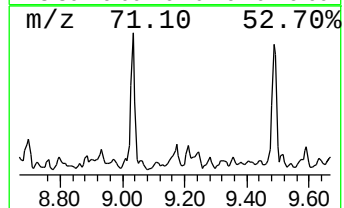
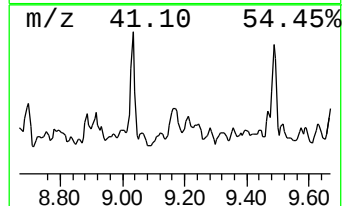
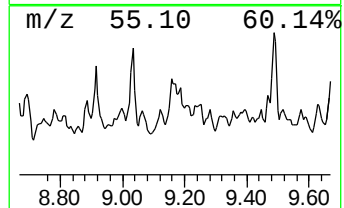
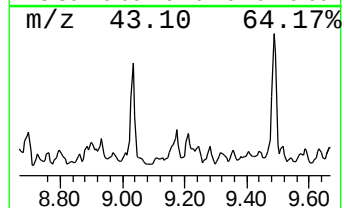
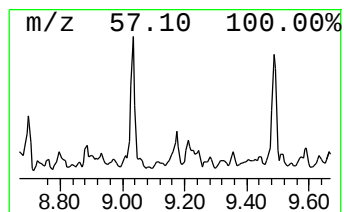
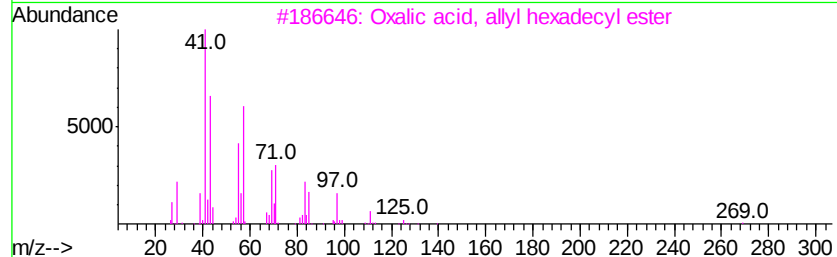
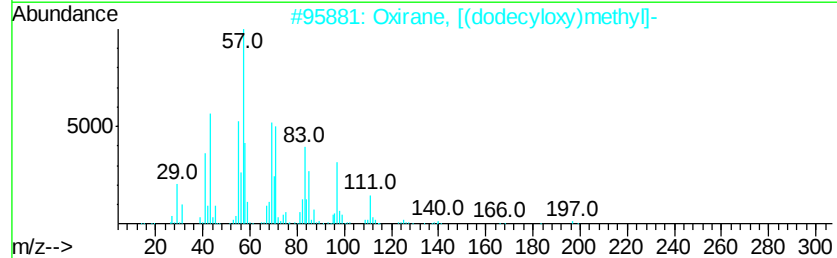
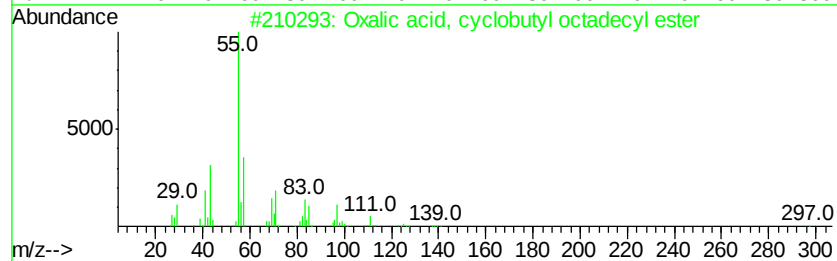
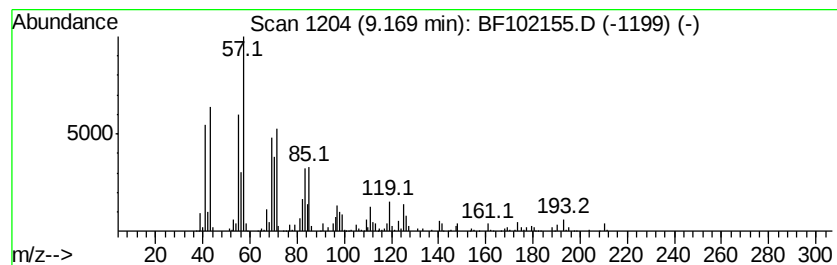
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Oxalic acid, cyclobutyl oct... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	35.11 ng	1810470	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, cvclobutvl octadecv...	396	C24H44O4	1000309-70-8	64
2		Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	64
3		Oxalic acid, allvl hexadecvl ester	354	C21H38O4	1000309-24-4	58
4		Tridecane	184	C13H28	000629-50-5	46
5		2-Heptafluorobutyroxy pentadecane	424	C19H31F7O2	1000245-50-0	46



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102155.D
Acq On : 17 Jan 2018 17:39
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ClientSampleId :
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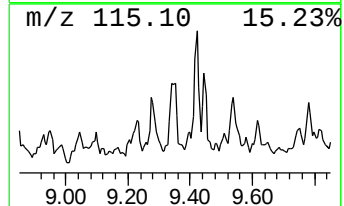
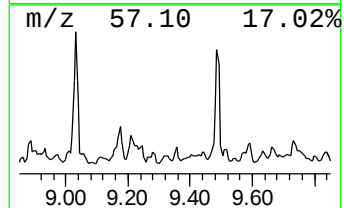
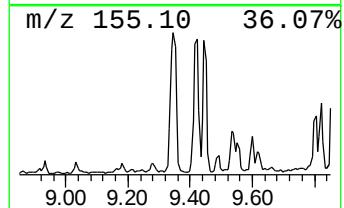
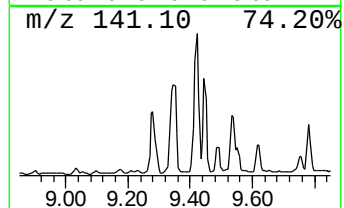
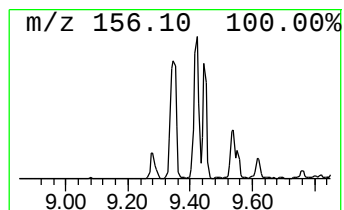
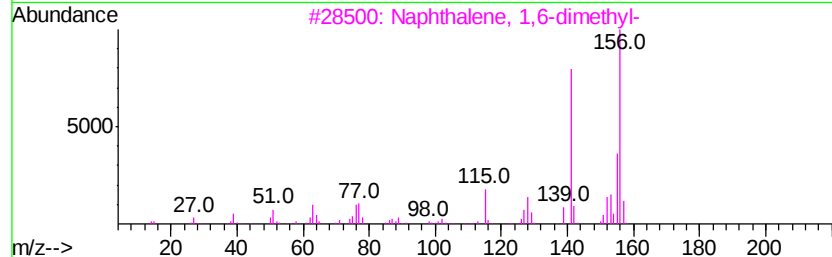
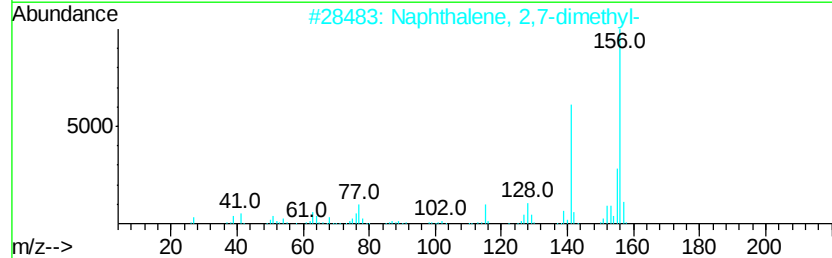
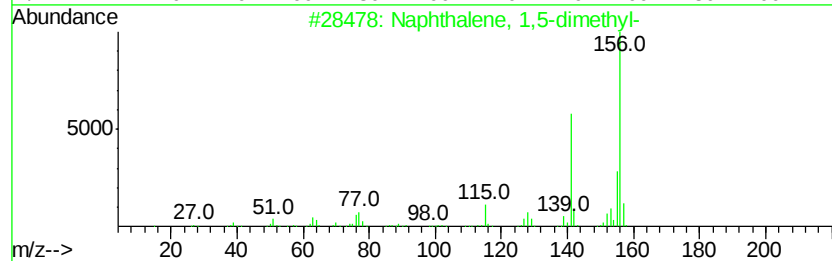
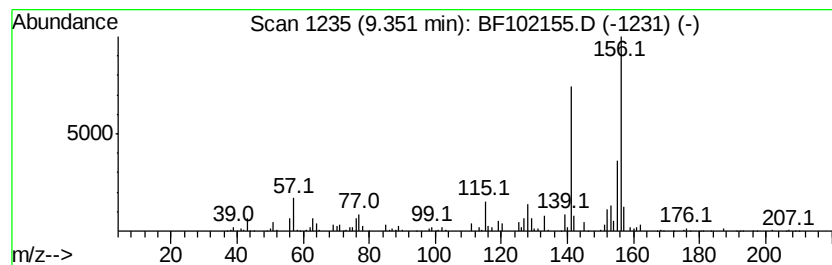
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	22.17 ng	1143230	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
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Operator : SJ/JU
Sample : J1152-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

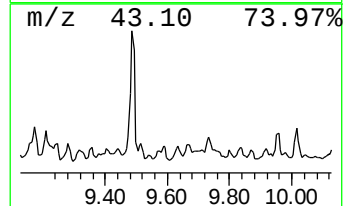
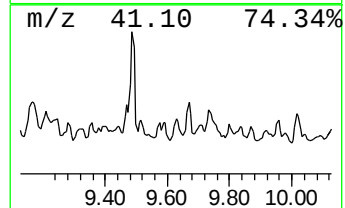
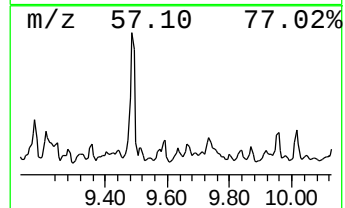
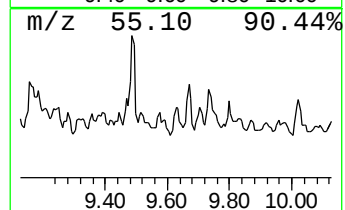
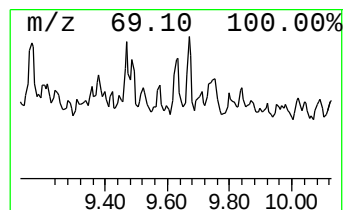
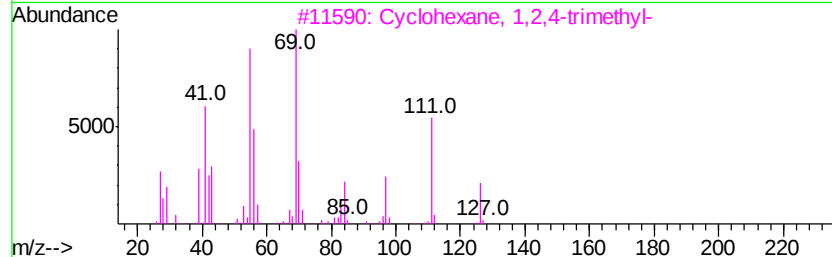
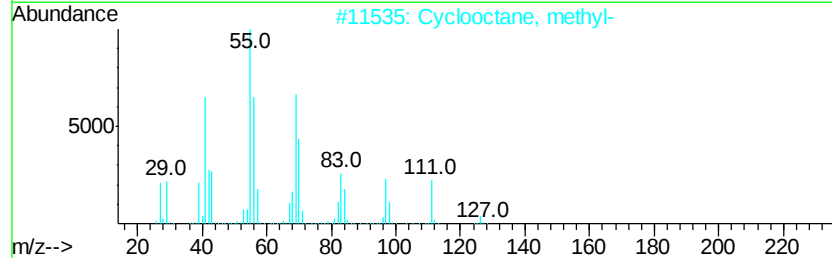
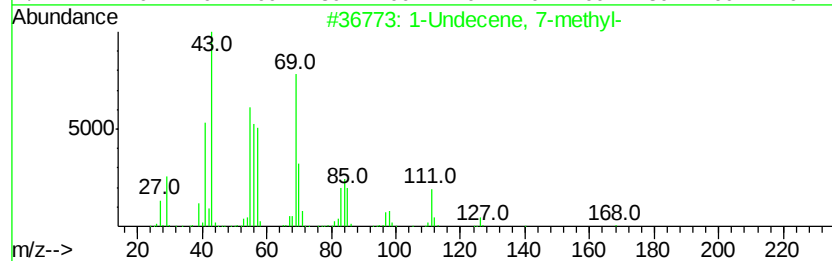
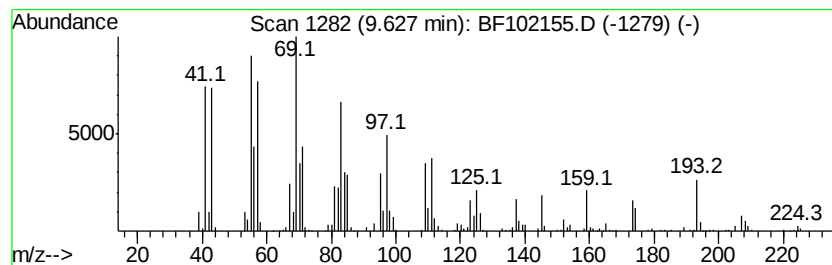
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Undecene, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	18.80 ng	969613	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Undecene, 7-methyl-	168 C12H24	074630-42-5 50
2		Cyclooctane, methyl-	126 C9H18	001502-38-1 46
3		Cyclohexane, 1,2,4-trimethyl-	126 C9H18	002234-75-5 43
4		Cyclopentane, (2-methylbutyl)-	140 C10H20	053366-38-4 38
5		Hexacosyl pentafluoropropionate	528 C29H53F5O2	1000351-81-2 38



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102155.D
Acq On : 17 Jan 2018 17:39
Operator : SJ/JU
Sample : J1152-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

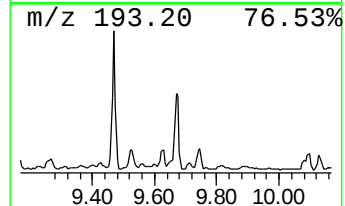
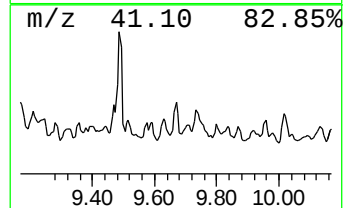
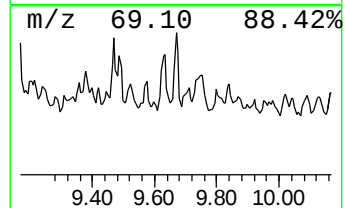
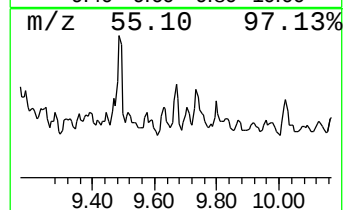
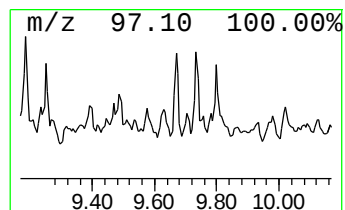
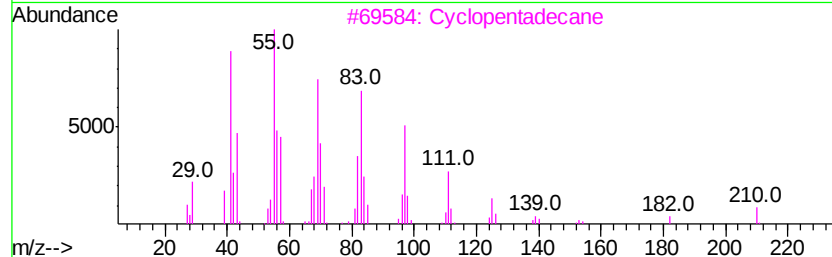
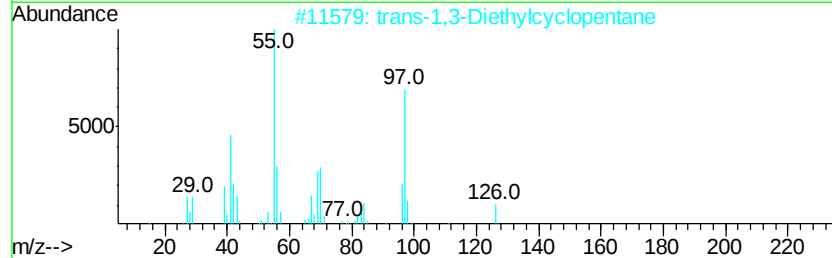
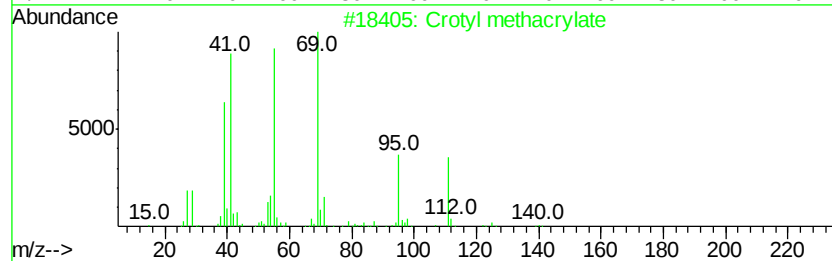
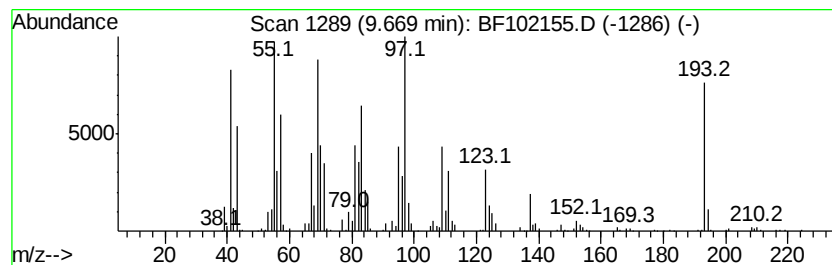
Instrument :
BNA_F
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.67 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	17.03 ng	877935	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Crotvl methacrylate	140 C8H12O2	007376-45-6 25
2		trans-1,3-Diethylcyclopentane	126 C9H18	1000113-87-1 25
3		Cyclopentadecane	210 C15H30	000295-48-7 22
4		Cyclohexane, 1-(cyclohexylmethyl...	194 C14H26	054824-04-3 18
5		2-Propen-1-one, 1-cyclopropyl-	96 C6H8O	059819-62-4 11



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102155.D
Acq On : 17 Jan 2018 17:39
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ClientSampleId :
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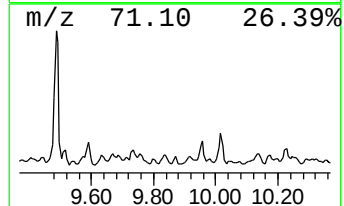
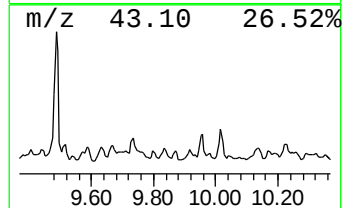
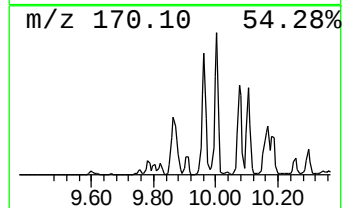
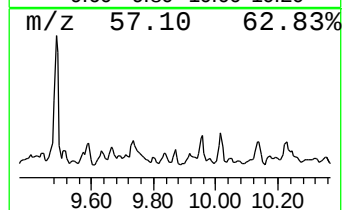
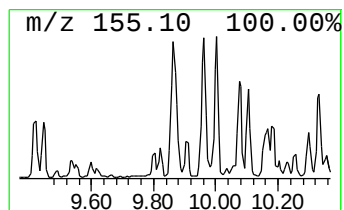
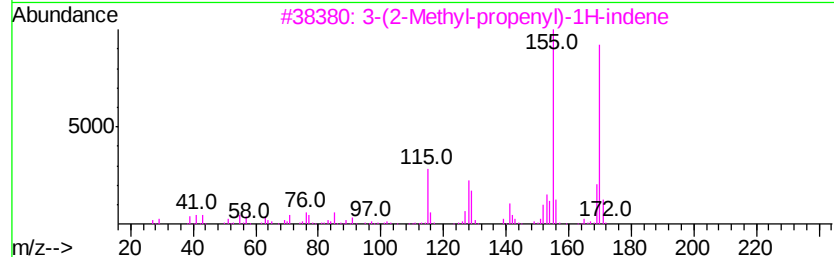
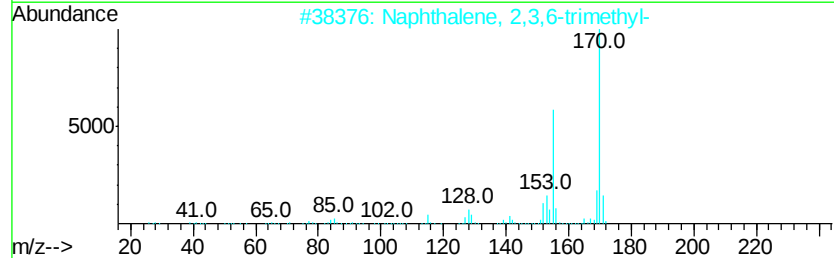
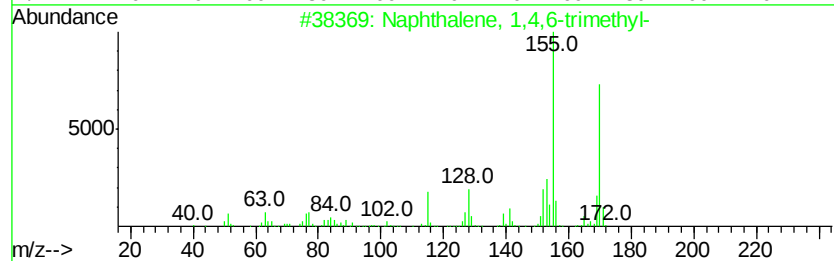
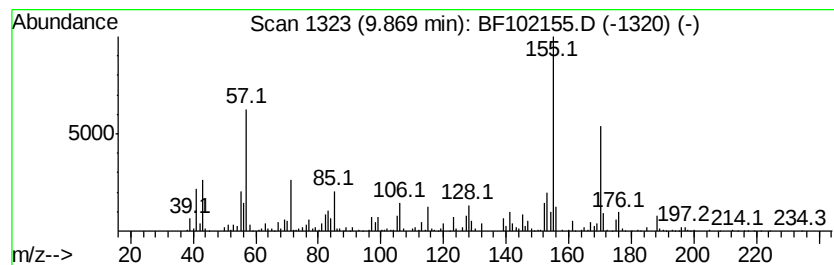
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	18.60 ng	958997	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
4		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	81
5		Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	81



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102155.D
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Operator : SJ/JU
Sample : J1152-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

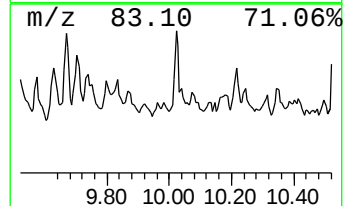
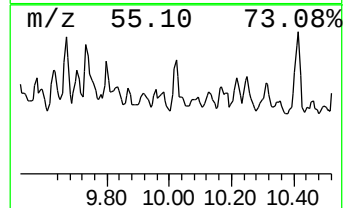
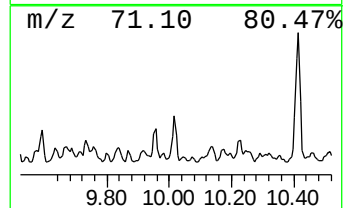
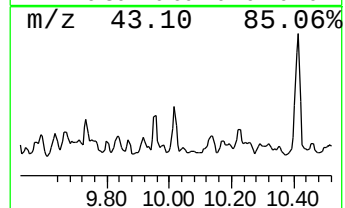
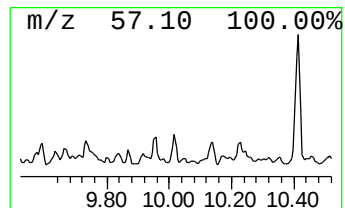
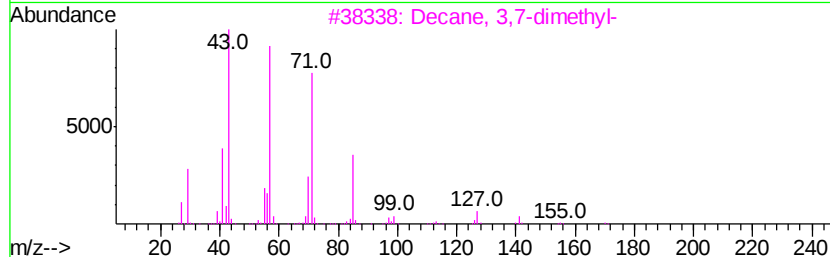
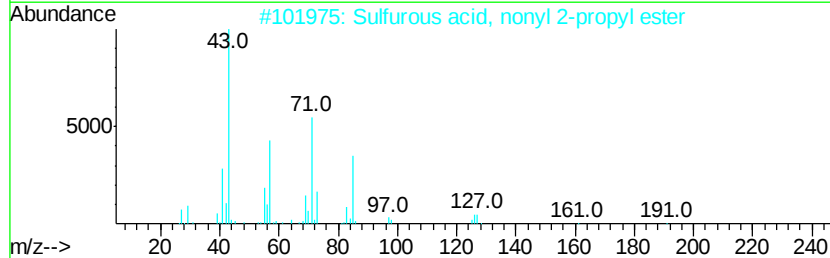
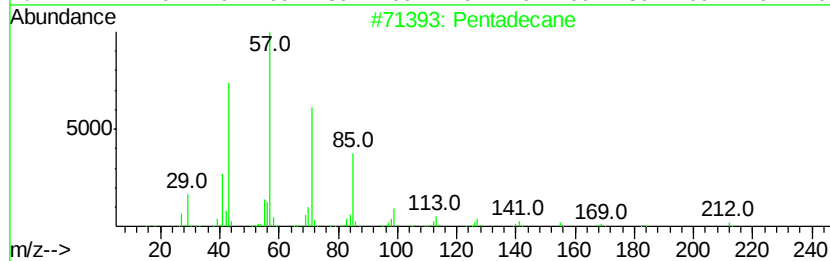
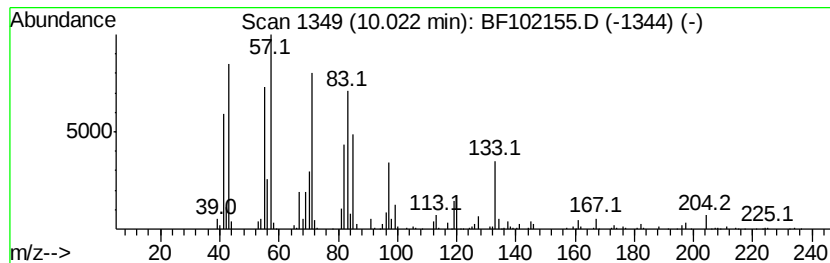
Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.02	29.12 ng	1501340	Acenaphthene-d10	9.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	72
2	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	64
3	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	59
4	Heptacosane	380	C27H56	000593-49-7	59
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102155.D
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Misc :
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Instrument :
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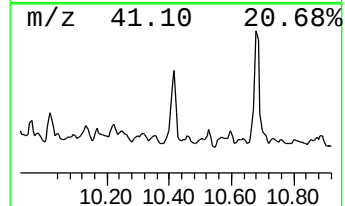
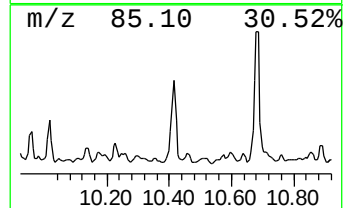
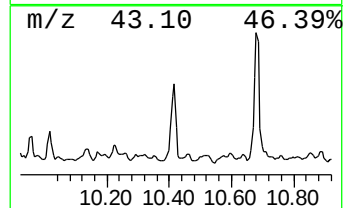
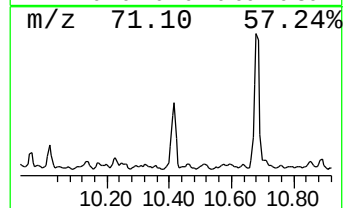
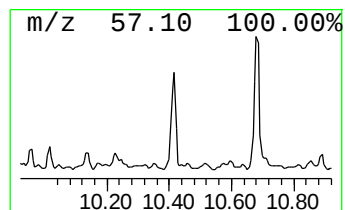
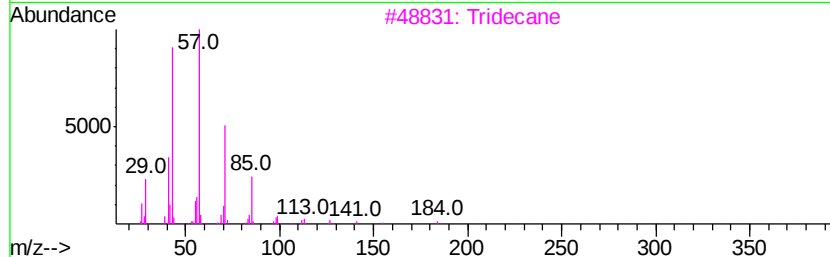
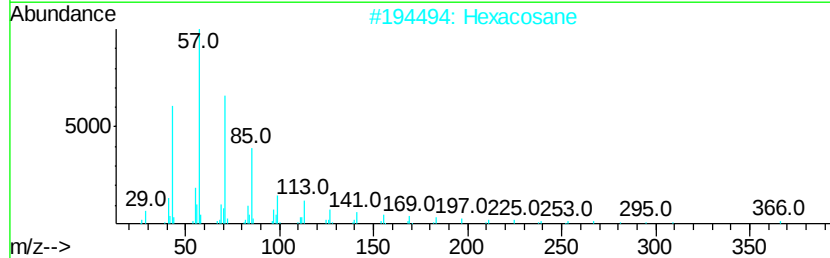
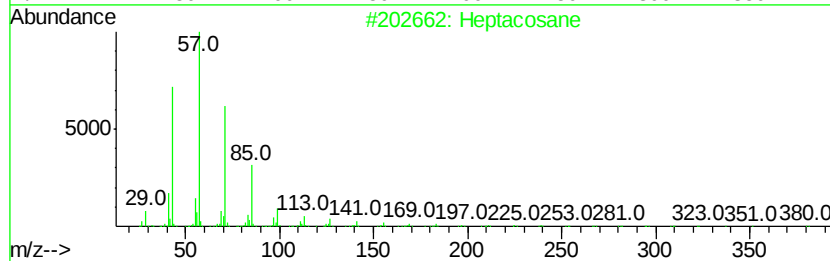
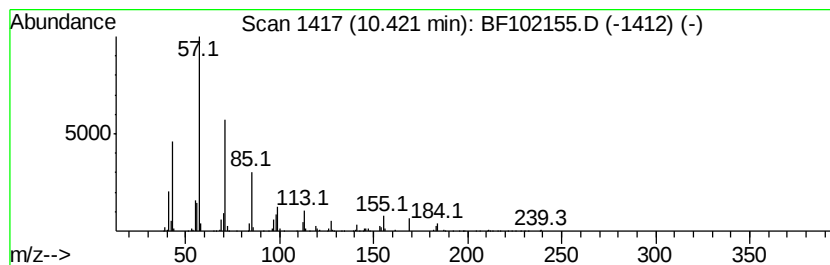
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	44.83 ng	2311430	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	80
2			Hexacosane	366	C26H54	000630-01-3	80
3			Tridecane	184	C13H28	000629-50-5	72
4			Heneicosane	296	C21H44	000629-94-7	72
5			Decane, 2-methyl-	156	C11H24	006975-98-0	62



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102155.D
Acq On : 17 Jan 2018 17:39
Operator : SJ/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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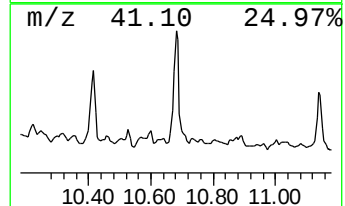
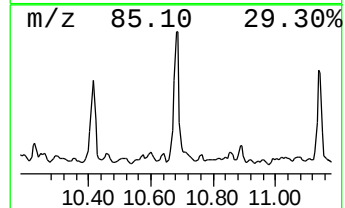
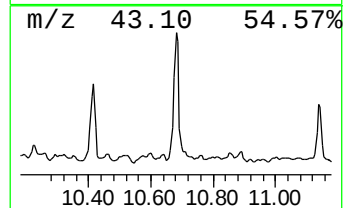
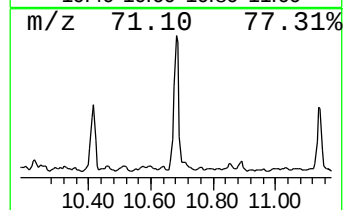
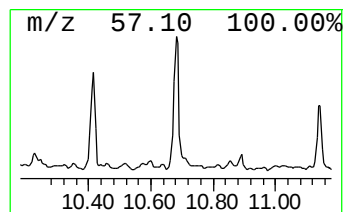
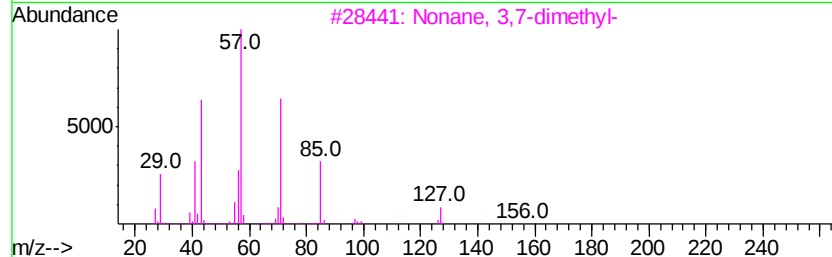
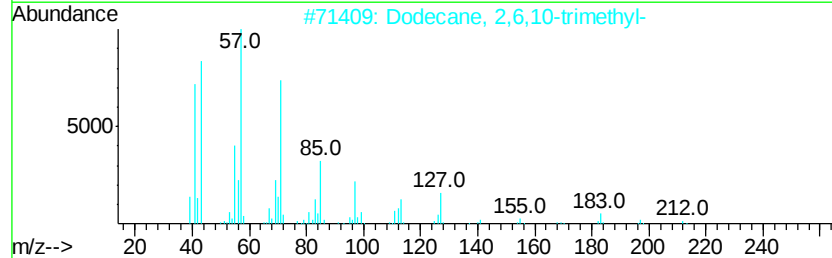
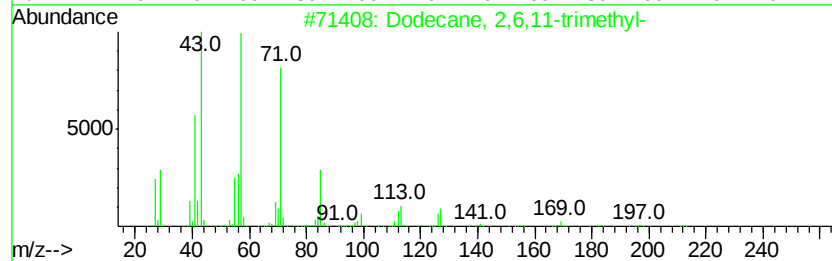
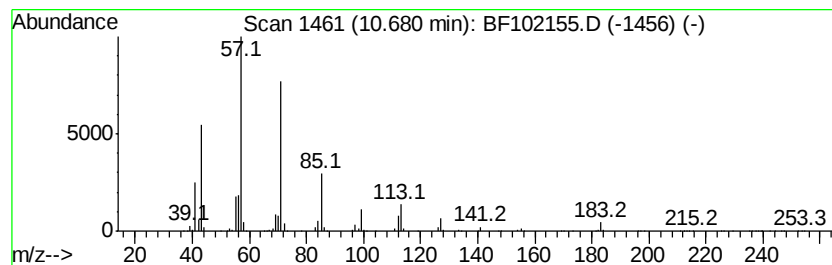
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2,6,11-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	147.82 ng	4582770	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	91
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	55
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
5		Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	50



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
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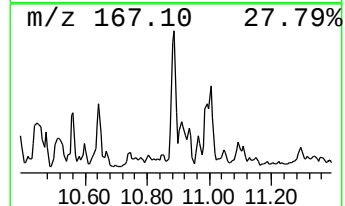
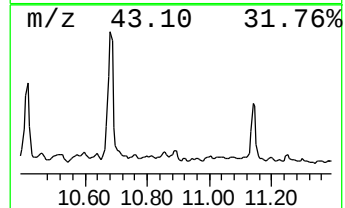
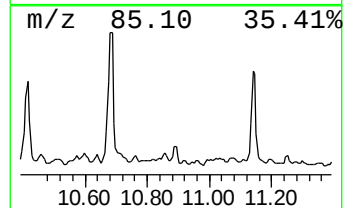
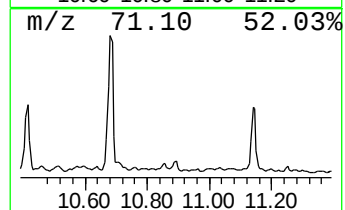
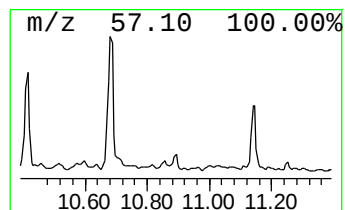
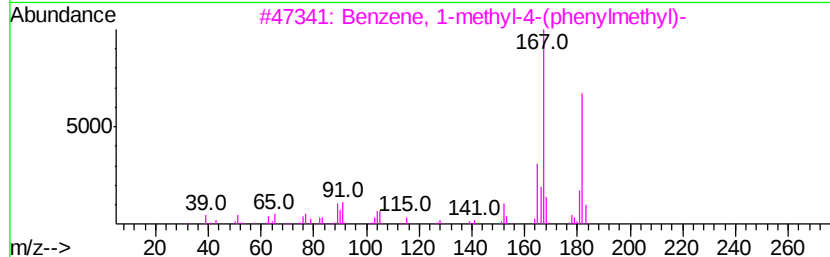
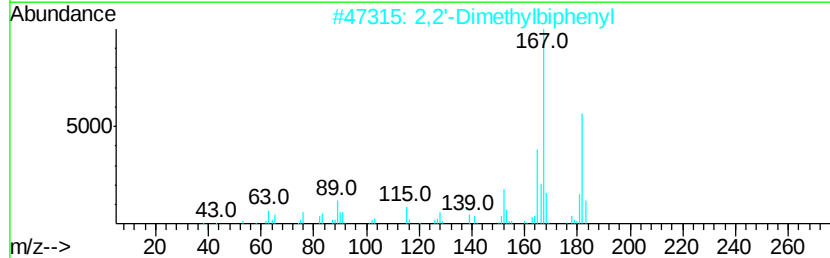
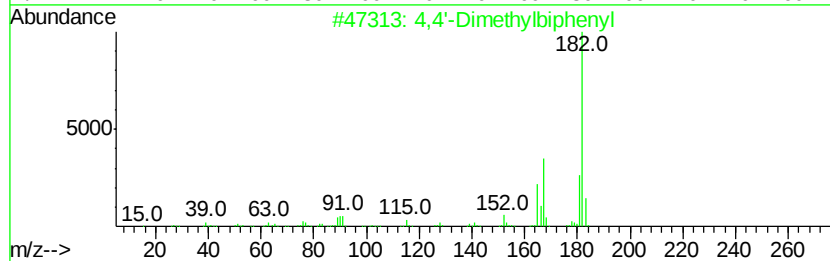
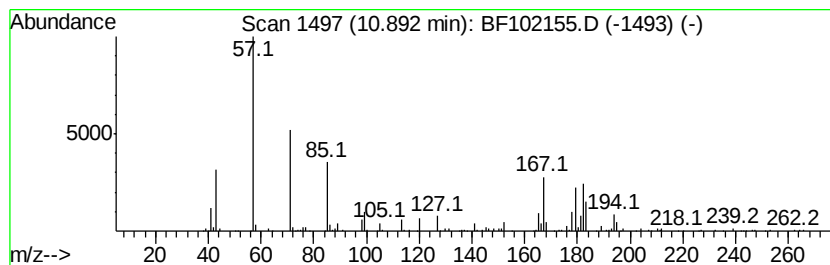
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 4,4'-Dimethylbiphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.89	20.69 ng	641539	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	86
2	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	60
3	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	58
4	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	58
5	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	58



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102155.D
Acq On : 17 Jan 2018 17:39
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Sample : J1152-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LTP-2

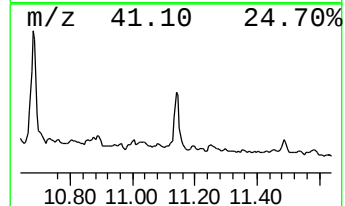
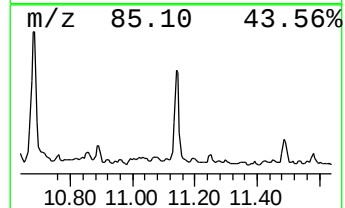
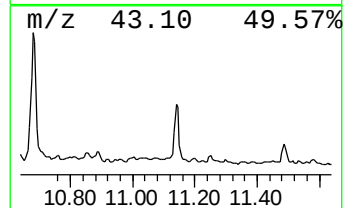
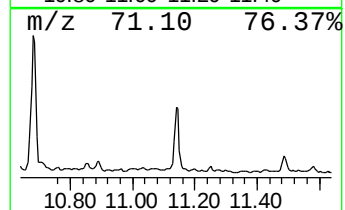
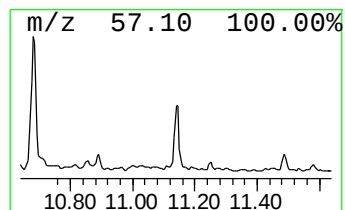
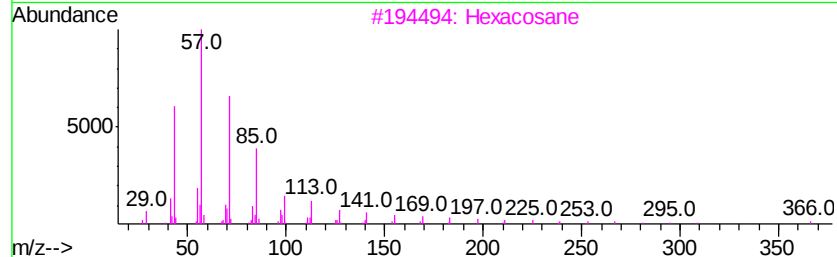
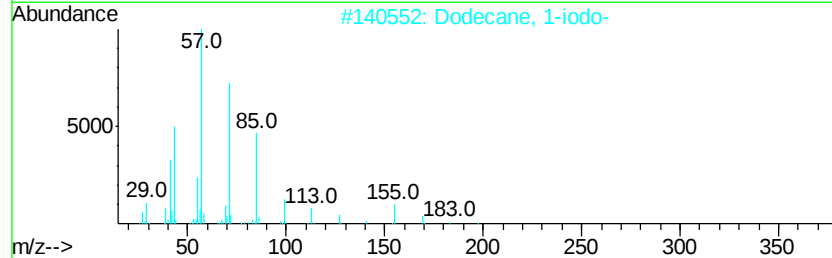
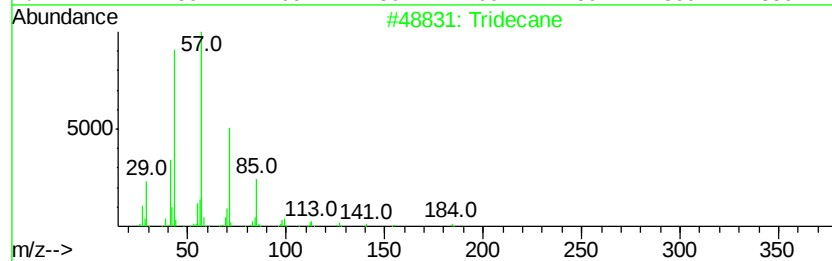
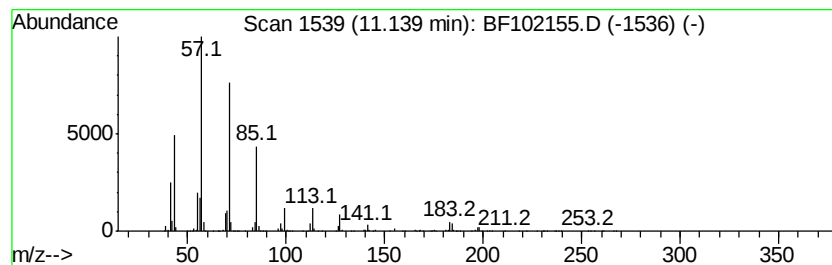
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	81.48 ng	2526300	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	90
2			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3			Hexacosane	366	C26H54	000630-01-3	83
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102155.D
Acq On : 17 Jan 2018 17:39
Operator : SJ/JU
Sample : J1152-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

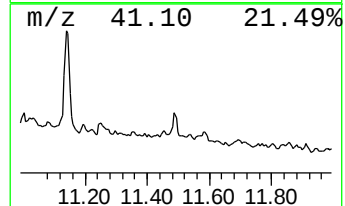
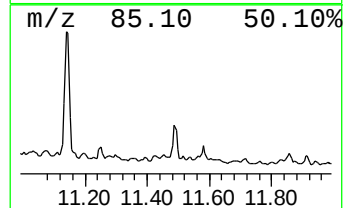
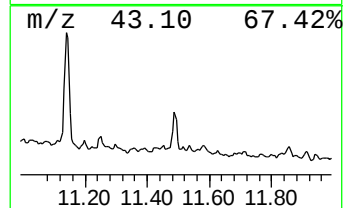
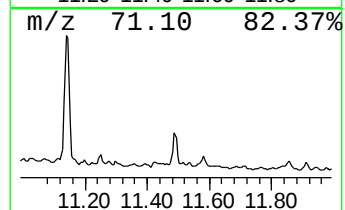
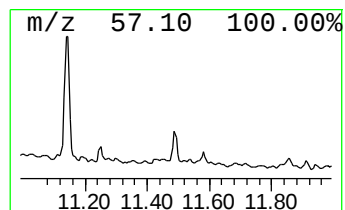
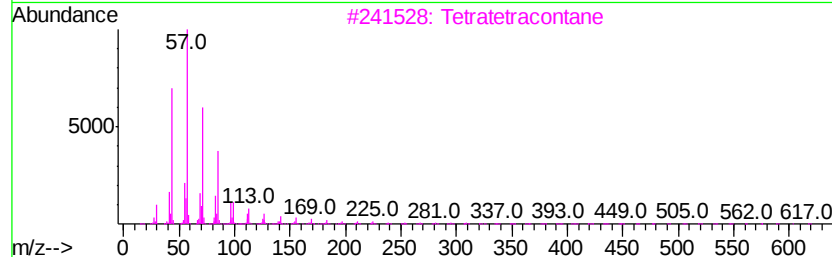
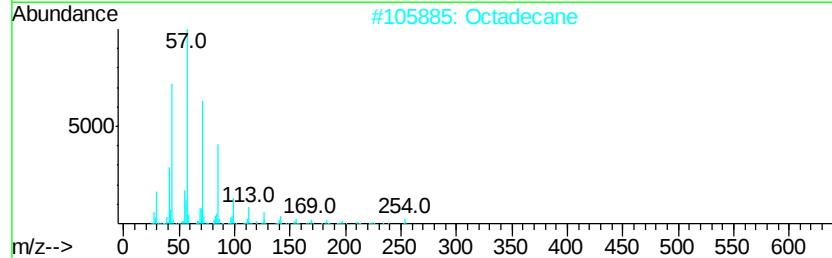
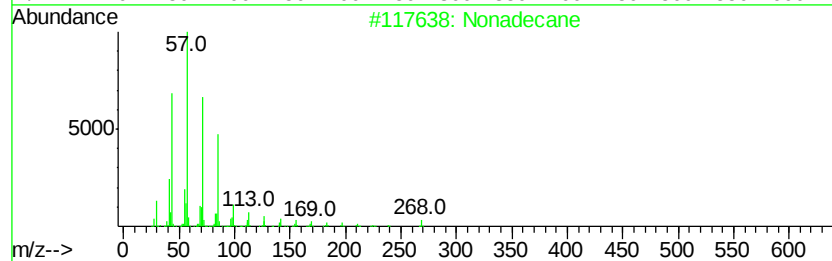
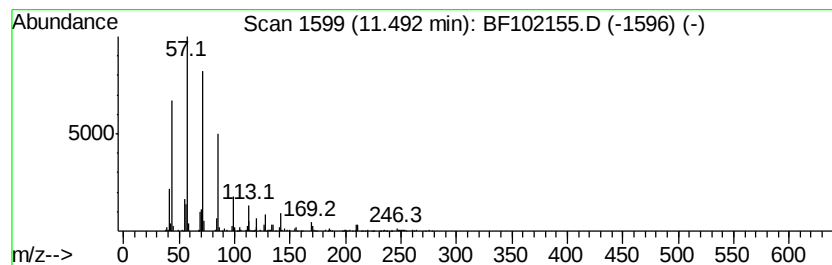
Instrument :
BNA_F
ClientSampleId :
LTP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.49	15.17 ng	470236	Phenanthrene-d10		11.24	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	93
2	Octadecane		254	C18H38	000593-45-3	90
3	Tetratetracontane		619	C44H90	007098-22-8	90
4	Hexacosane		366	C26H54	000630-01-3	90
5	Octacosane		394	C28H58	000630-02-4	90



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
 Data File : BF102155.D
 Acq On : 17 Jan 2018 17:39
 Operator : SJ/JU
 Sample : J1152-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LTP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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
unknown6.49	6.49	46.6	ng	3291870	1	6.72	1412560	20.0
Undecane, 5-methyl-	7.43	16.6	ng	1262820	2	8.00	1521530	20.0
1-Propanone, 1-(2...	8.17	16.0	ng	1214610	2	8.00	1521530	20.0
unknown8.30	8.30	18.8	ng	1433430	2	8.00	1521530	20.0
Oxalic acid, 2-et...	8.43	47.1	ng	3581400	2	8.00	1521530	20.0
unknown8.89	8.89	16.8	ng	865098	3	9.76	1031300	20.0
Dodecane, 2,7,10-...	9.03	49.2	ng	2537570	3	9.76	1031300	20.0
Oxalic acid, cycl...	9.17	35.1	ng	1810470	3	9.76	1031300	20.0
Naphthalene, 1,5-...	9.35	22.2	ng	1143230	3	9.76	1031300	20.0
1-Undecene, 7-met...	9.63	18.8	ng	969613	3	9.76	1031300	20.0
unknown9.67	9.67	17.0	ng	877935	3	9.76	1031300	20.0
Naphthalene, 1,4,...	9.87	18.6	ng	958997	3	9.76	1031300	20.0
Pentadecane	10.02	29.1	ng	1501340	3	9.76	1031300	20.0
Heptacosane	10.42	44.8	ng	2311430	3	9.76	1031300	20.0
Dodecane, 2,6,11-...	10.68	147.8	ng	4582770	4	11.24	620070	20.0
4,4'-Dimethylbiph...	10.89	20.7	ng	641539	4	11.24	620070	20.0
Tridecane	11.14	81.5	ng	2526300	4	11.24	620070	20.0
Nonadecane	11.49	15.2	ng	470236	4	11.24	620070	20.0